

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZG3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP017247.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.017	660	668	676	rVV3	92379	234521	2.63%	0.168%
2	7.093	676	681	693	rVB	545223	995754	11.16%	0.713%
3	7.281	704	713	719	rBV	634659	1084678	12.16%	0.776%
4	7.458	736	743	754	rVB2	592507	1224652	13.73%	0.876%
5	7.552	754	759	763	rBV	106644	151551	1.70%	0.108%
6	7.828	803	806	814	rVB	163653	233741	2.62%	0.167%
7	7.940	816	825	828	rBV	1055006	1692266	18.97%	1.211%
8	7.981	828	832	840	rVB	576571	970747	10.88%	0.695%
9	8.387	894	901	905	rBV4	126789	274909	3.08%	0.197%
10	8.446	905	911	919	rVB6	201383	489907	5.49%	0.351%
11	8.546	919	928	935	rBV3	197322	529034	5.93%	0.379%
12	8.652	938	946	953	rBV3	435275	1027048	11.51%	0.735%
13	8.734	956	960	964	rBV2	173622	241644	2.71%	0.173%
14	8.787	964	969	976	rVB	887565	1432845	16.06%	1.025%
15	8.863	977	982	986	rBV2	104116	173242	1.94%	0.124%
16	9.099	1014	1022	1025	rBV3	601089	1038883	11.64%	0.744%
17	9.134	1025	1028	1034	rVB	633251	956857	10.72%	0.685%
18	9.205	1036	1040	1043	rBV4	85088	163253	1.83%	0.117%
19	9.246	1044	1047	1053	rVB5	152714	275650	3.09%	0.197%
20	9.346	1056	1064	1071	rVB6	192215	483886	5.42%	0.346%
21	9.434	1071	1079	1084	rBV8	104019	310644	3.48%	0.222%
22	9.511	1085	1092	1095	rBV3	224712	415777	4.66%	0.298%
23	9.622	1102	1111	1118	rVB4	472670	1069316	11.99%	0.765%
24	9.740	1124	1131	1135	rBV2	123362	252717	2.83%	0.181%
25	9.810	1135	1143	1145	rBV3	238822	524982	5.88%	0.376%
26	9.852	1145	1150	1153	rBV2	364473	479820	5.38%	0.343%
27	9.887	1153	1156	1159	rBV	202092	273579	3.07%	0.196%
28	10.010	1169	1177	1184	rBV4	285125	769415	8.62%	0.551%
29	10.099	1185	1192	1194	rBV4	269343	466107	5.22%	0.334%
30	10.122	1194	1196	1202	rVB	282875	397782	4.46%	0.285%
31	10.199	1202	1209	1214	rBV5	223570	521350	5.84%	0.373%
32	10.275	1218	1222	1224	rBV3	103956	165793	1.86%	0.119%
33	10.375	1234	1239	1250	rVB3	709527	1510410	16.93%	1.081%
34	10.481	1251	1257	1262	rBV6	155465	351366	3.94%	0.251%
35	10.540	1264	1267	1271	rVB3	114858	151690	1.70%	0.109%
36	10.587	1271	1275	1278	rBV2	208364	359303	4.03%	0.257%

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37	10.652	1281	1286	1292	rVB	1125138	1657235	18.57%	1.186%
38	10.763	1300	1305	1310	rBV	1323926	2211835	24.79%	1.583%
39	10.828	1310	1316	1324	rVB2	1549311	3560854	39.91%	2.549%
40	10.928	1324	1333	1342	rBV8	364041	1394497	15.63%	0.998%
41	11.063	1349	1356	1362	rBV7	150412	457686	5.13%	0.328%
42	11.122	1363	1366	1369	rBV3	165823	228656	2.56%	0.164%
43	11.175	1370	1375	1387	rVB7	359170	896362	10.05%	0.642%
44	11.328	1396	1401	1407	rBV6	269710	607511	6.81%	0.435%
45	11.399	1409	1413	1417	rBV3	631810	1016168	11.39%	0.727%
46	11.516	1429	1433	1442	rBV7	343933	742364	8.32%	0.531%
47	11.599	1443	1447	1453	rVV3	353318	621064	6.96%	0.444%
48	11.699	1459	1464	1469	rBV	1627617	2297758	25.75%	1.645%
49	11.752	1469	1473	1477	rBV4	249181	487719	5.47%	0.349%
50	11.899	1494	1498	1501	rBV3	311196	475416	5.33%	0.340%
51	11.940	1501	1505	1507	rVV2	307674	469429	5.26%	0.336%
52	11.969	1507	1510	1514	rVB3	370895	560698	6.28%	0.401%
53	12.104	1529	1533	1538	rBV2	1303500	1886004	21.14%	1.350%
54	12.175	1542	1545	1548	rBV4	155658	226544	2.54%	0.162%
55	12.299	1562	1566	1567	rBV3	346480	449708	5.04%	0.322%
56	12.322	1567	1570	1578	rVB4	622694	968828	10.86%	0.693%
57	12.422	1583	1587	1591	rBV	468752	651858	7.31%	0.467%
58	12.516	1598	1603	1606	rBV3	301867	606418	6.80%	0.434%
59	12.646	1620	1625	1630	rBV3	668208	1202114	13.47%	0.860%
60	12.740	1636	1641	1646	rBV3	676311	1301348	14.59%	0.931%
61	12.816	1649	1654	1657	rVV2	448105	829978	9.30%	0.594%
62	12.846	1657	1659	1664	rVB2	376971	446231	5.00%	0.319%
63	12.922	1665	1672	1676	rBV4	577900	1169809	13.11%	0.837%
64	13.004	1682	1686	1690	rVB3	439602	719033	8.06%	0.515%
65	13.057	1690	1695	1701	rBV	1963009	2766166	31.00%	1.980%
66	13.351	1735	1745	1750	rBV3	1624024	3707565	41.56%	2.654%
67	13.434	1755	1759	1764	rVV5	409188	738964	8.28%	0.529%
68	13.746	1807	1812	1814	rBV3	787275	1272923	14.27%	0.911%
69	13.916	1836	1841	1845	rVB2	851436	1358982	15.23%	0.973%
70	13.969	1846	1850	1852	rBV	1095555	1490135	16.70%	1.067%
71	14.004	1852	1856	1862	rVB3	2986760	5075816	56.89%	3.633%
72	14.051	1862	1864	1867	rBV2	276069	304585	3.41%	0.218%
73	14.151	1874	1881	1884	rBV5	481148	1178496	13.21%	0.843%
74	14.216	1889	1892	1898	rVB3	1174659	1638830	18.37%	1.173%
75	14.298	1898	1906	1914	rBV2	2037018	4744274	53.18%	3.396%
76	14.381	1917	1920	1924	rVB	892083	1163200	13.04%	0.833%

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77	14.428	1924	1928	1936	rBV	1461774	2287123	25.63%	1.637%
78	14.598	1953	1957	1961	rBV	1596526	2098756	23.52%	1.502%
79	14.663	1965	1968	1973	rVB	1428086	1871024	20.97%	1.339%
80	14.928	2010	2013	2017	rVB	589917	658352	7.38%	0.471%
81	14.987	2019	2023	2029	rVB3	1112281	2183714	24.48%	1.563%
82	15.046	2029	2033	2042	rBV3	983427	2500134	28.02%	1.789%
83	15.204	2056	2060	2065	rBV2	707757	1104109	12.38%	0.790%
84	15.263	2066	2070	2078	rVB5	722183	1529275	17.14%	1.095%
85	15.345	2080	2084	2086	rBV3	553938	895714	10.04%	0.641%
86	15.387	2087	2091	2096	rVB	1446567	1821164	20.41%	1.303%
87	15.598	2122	2127	2133	rBV	2152193	3274003	36.70%	2.343%
88	15.651	2133	2136	2146	rVB2	1352365	2468784	27.67%	1.767%
89	15.787	2153	2159	2165	rBV	2944569	5240675	58.74%	3.751%
90	15.945	2183	2186	2189	rBV3	478544	588657	6.60%	0.421%
91	16.016	2195	2198	2205	rVB4	652513	929477	10.42%	0.665%
92	16.269	2235	2241	2246	rBV	5063031	8921955	100.00%	6.386%
93	16.516	2281	2283	2288	rVB2	468170	572655	6.42%	0.410%
94	17.057	2372	2375	2378	rBV2	1694423	2110862	23.66%	1.511%
95	17.104	2378	2383	2387	rVB	4698046	7182177	80.50%	5.140%
96	17.375	2425	2429	2432	rBV	1852431	2687063	30.12%	1.923%
97	17.416	2432	2436	2441	rVB	4685938	6861160	76.90%	4.911%
98	17.475	2442	2446	2449	rBV	1733667	2721248	30.50%	1.948%
99	17.716	2484	2487	2491	rVB	1715638	2134152	23.92%	1.527%
100	17.804	2499	2502	2506	rVB2	1618293	1801570	20.19%	1.289%

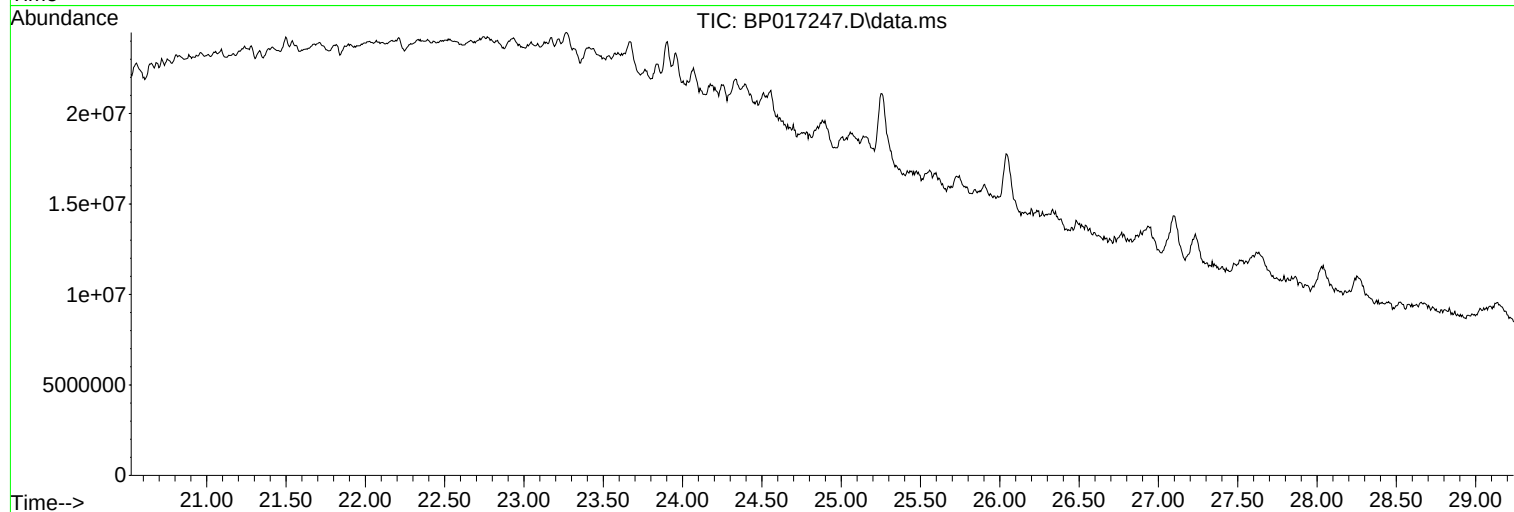
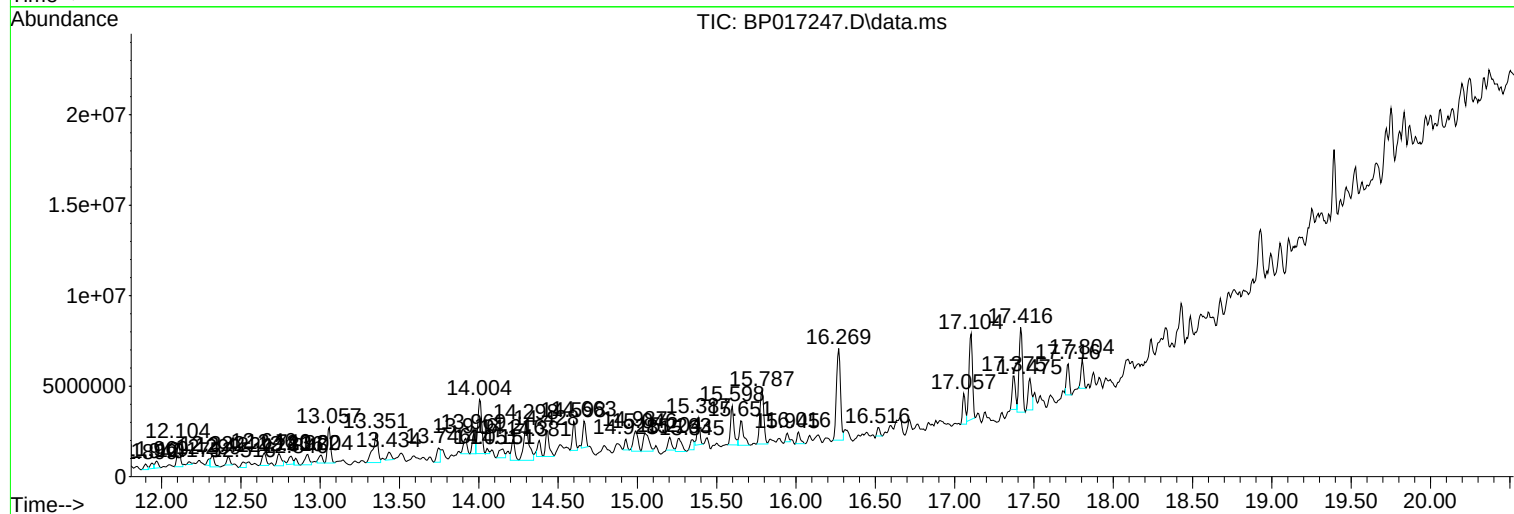
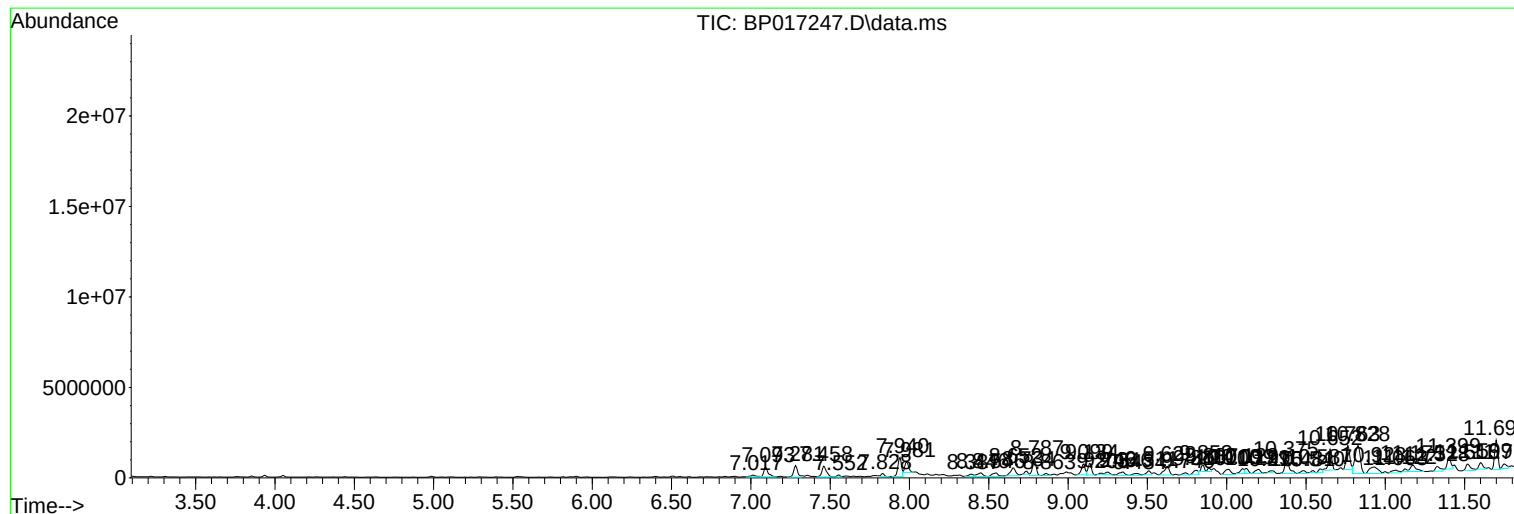
Sum of corrected areas: 139721983

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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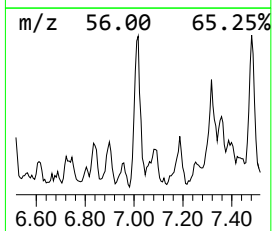
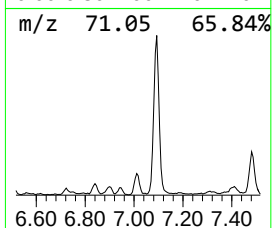
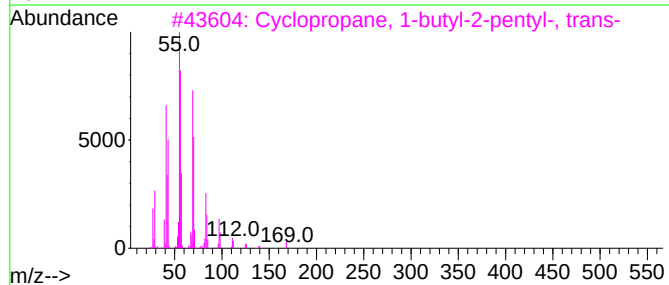
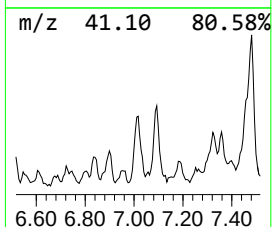
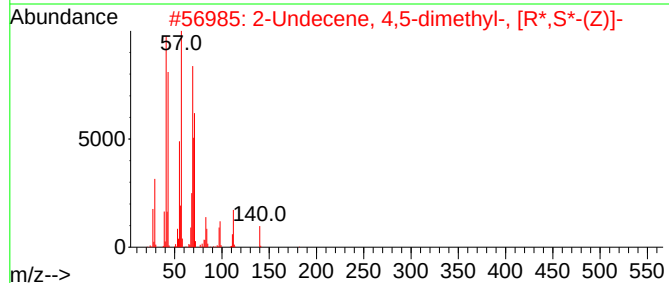
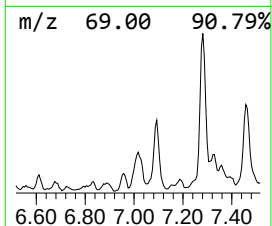
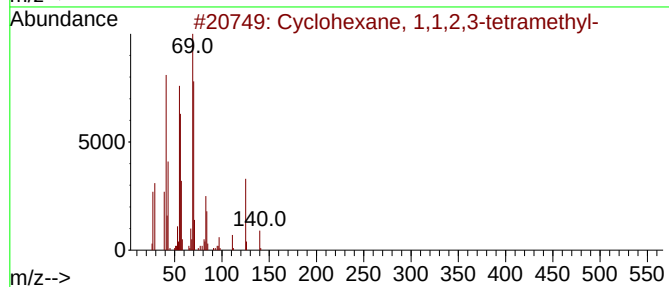
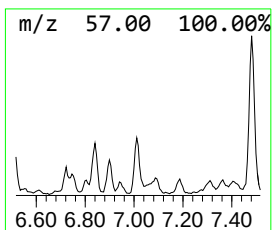
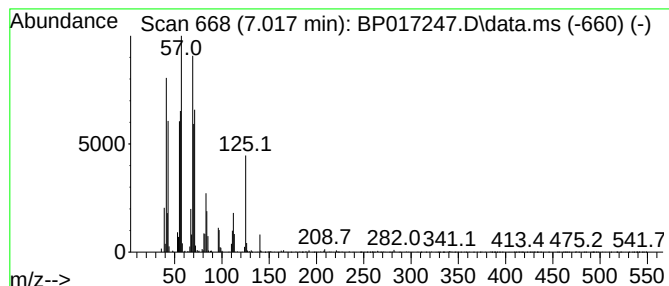
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic7.017 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.017	2.77 ng/ul	234521	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2			2-Undecene, 4,5-dimethyl-, [R*,S...]	182	C13H26	055170-93-9	68
3			Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-87-9	53
4			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
5			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	46



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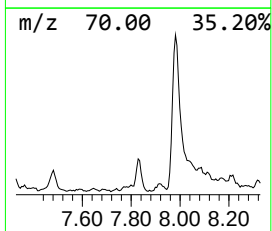
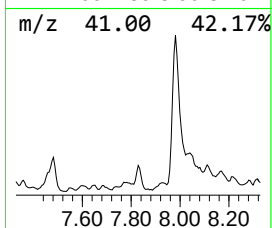
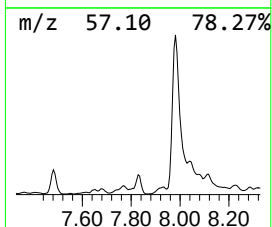
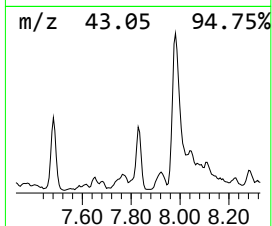
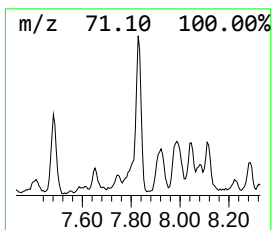
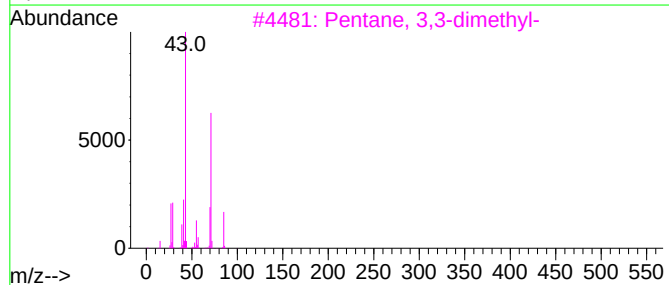
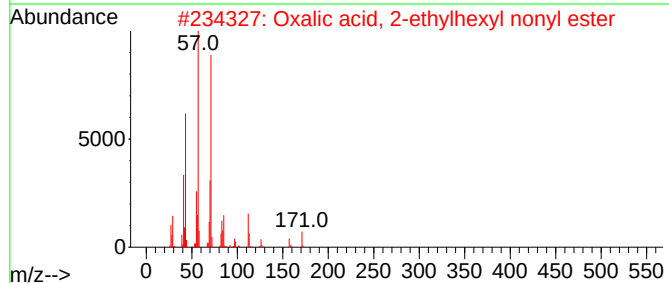
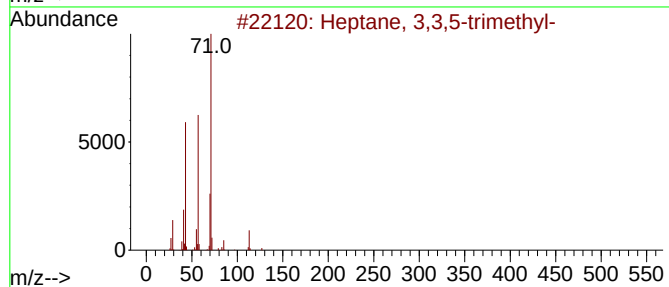
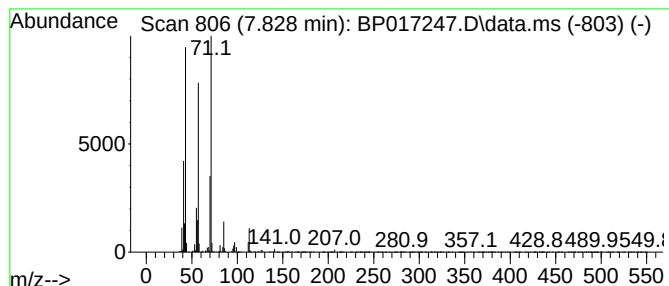
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.828	2.76 ng/ul	233741	1,4-Dichlorobenzene-d4	7.940	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
2	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
4	Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1010309-14-7	59
5	3-Heptyl isobutyrate	186	C11H22O2	1000430-90-3	59



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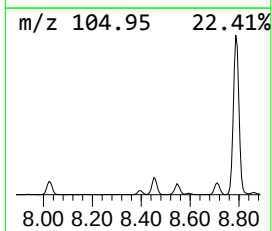
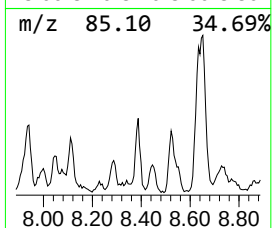
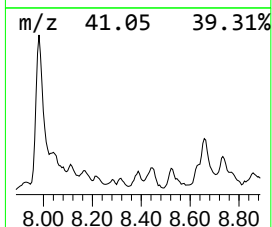
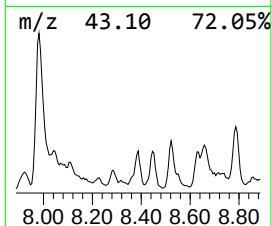
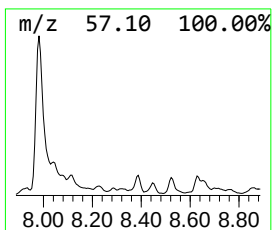
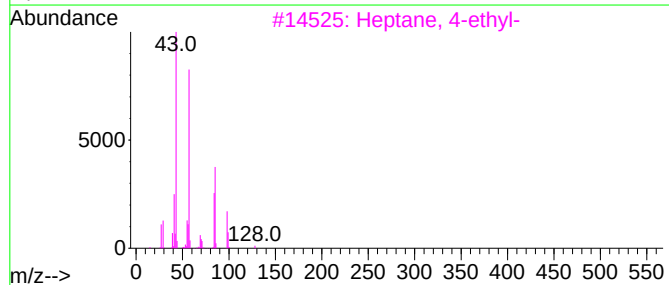
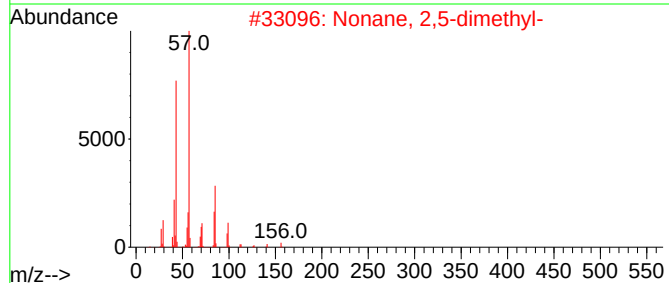
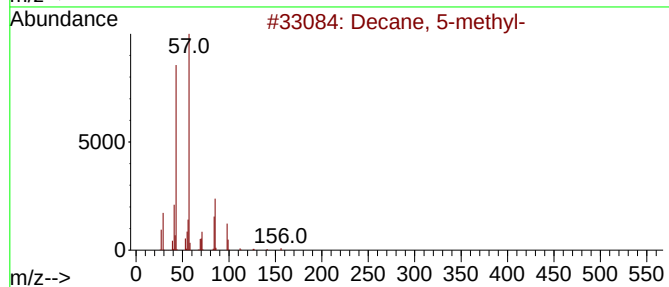
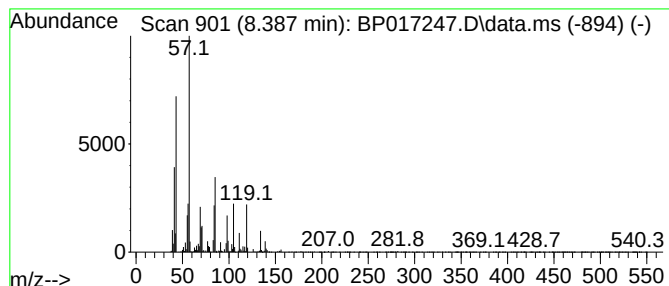
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD			R.T.
8.387	3.25 ng/ul	274909	1,4-Dichlorobenzene-d4			7.940
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-		156	C11H24	013151-35-4	46
2	Nonane, 2,5-dimethyl-		156	C11H24	017302-27-1	43
3	Heptane, 4-ethyl-		128	C9H20	002216-32-2	38
4	2,2-Dimethylpropionic acid, 4-me...		186	C11H22O2	150588-62-8	35
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

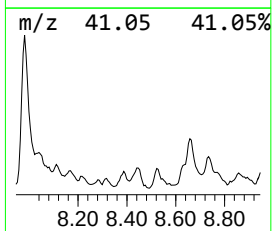
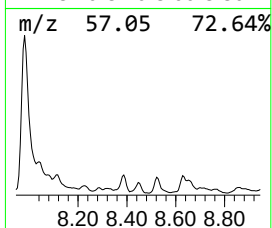
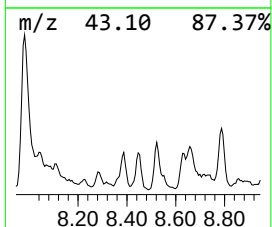
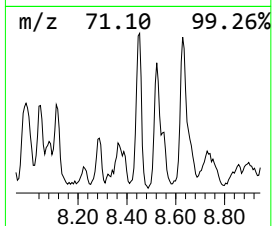
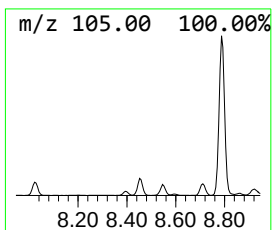
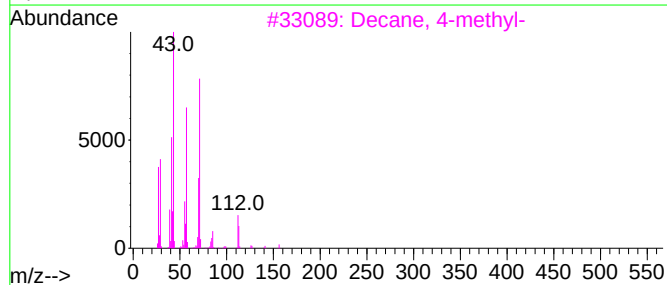
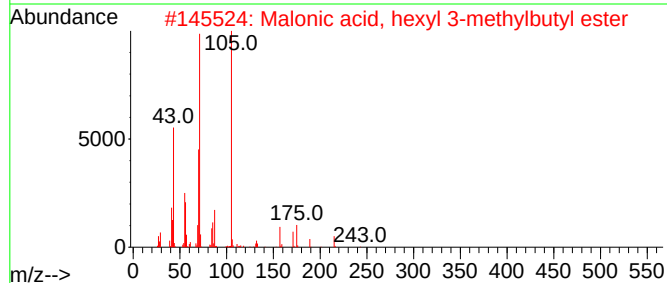
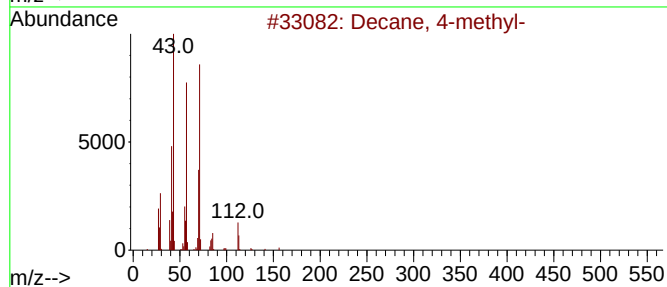
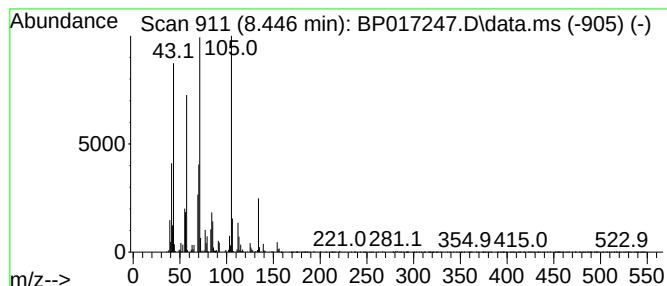
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD		R.T.	
8.446	5.79 ng/ul	489907	1,4-Dichlorobenzene-d4		7.940	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	62
2	Malonic acid, hexyl 3-methylbuty...		258	C14H26O4	1000348-98-1	59
3	Decane, 4-methyl-		156	C11H24	002847-72-5	58
4	4-Methyl-3-heptanol, trifluoroac...		226	C10H17F3O2	1000365-51-8	43
5	2,2'-Bifuran, octahydro-		142	C8H14O2	001592-33-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
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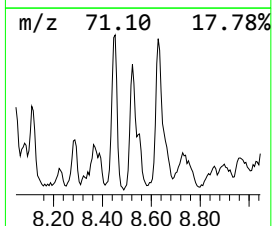
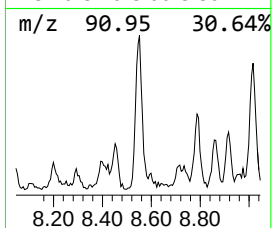
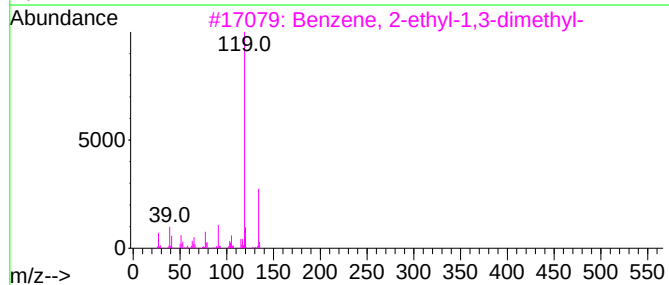
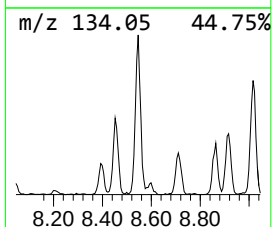
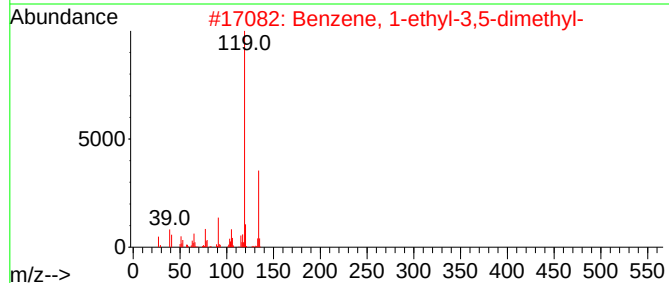
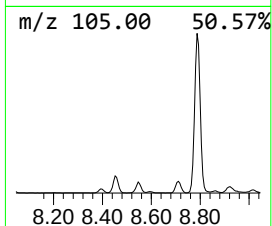
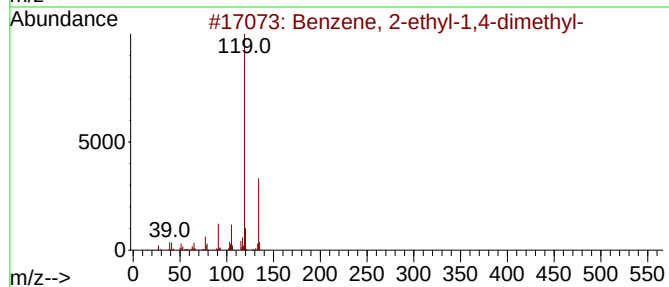
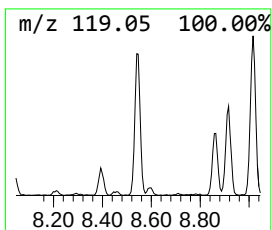
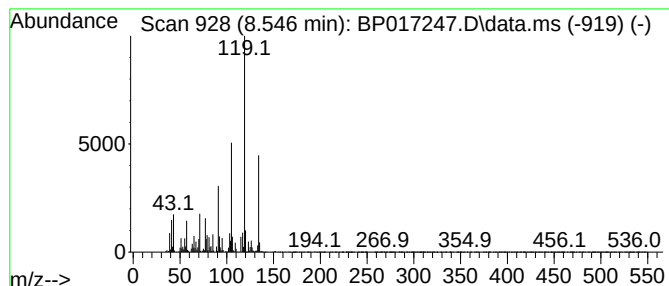
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.546	6.25 ng/ul	529034	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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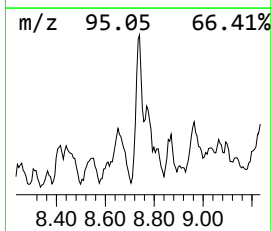
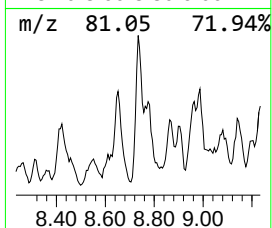
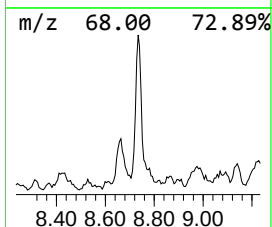
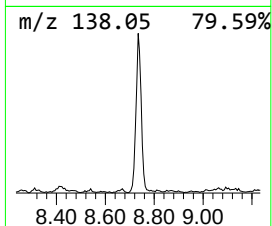
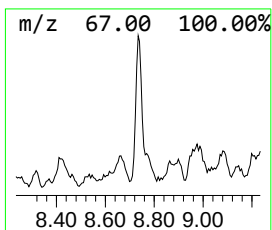
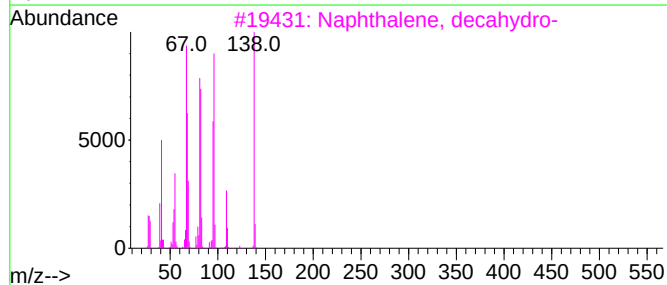
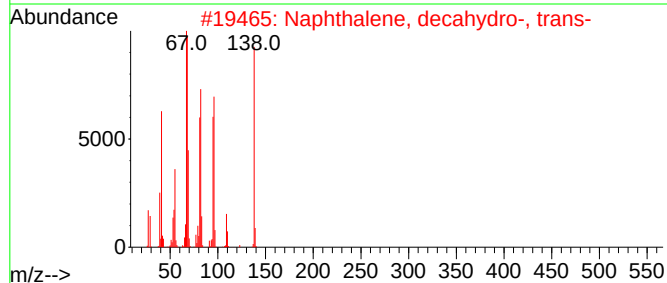
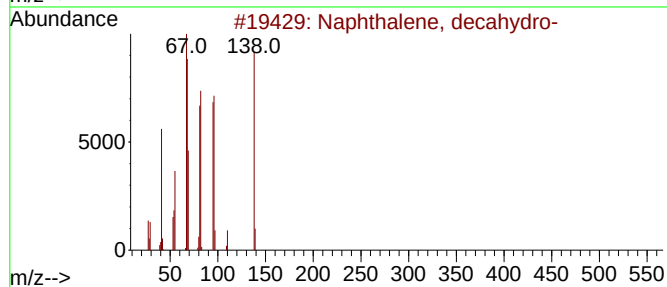
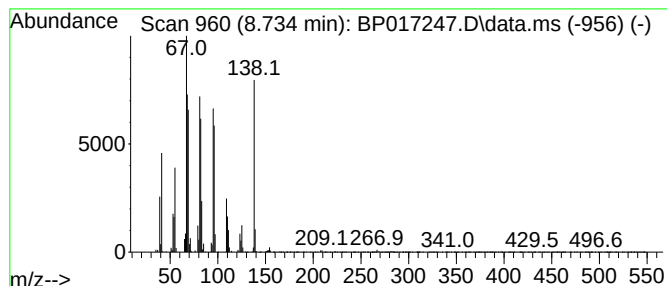
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, decahydro- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	2.86 ng/ul	241644	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	92
5			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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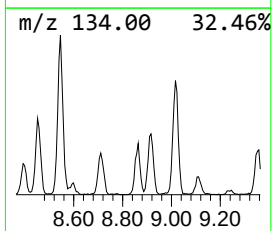
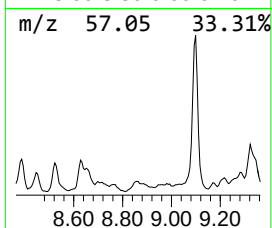
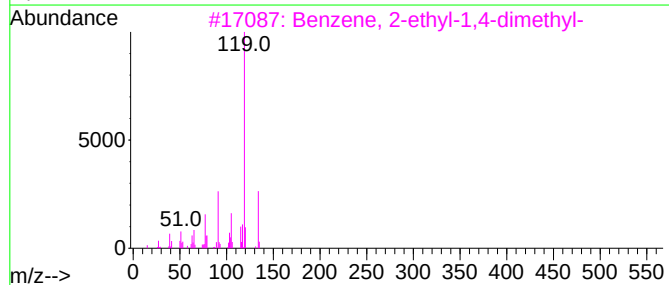
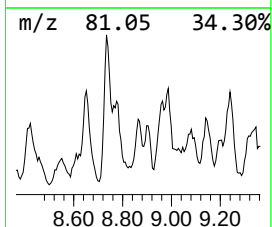
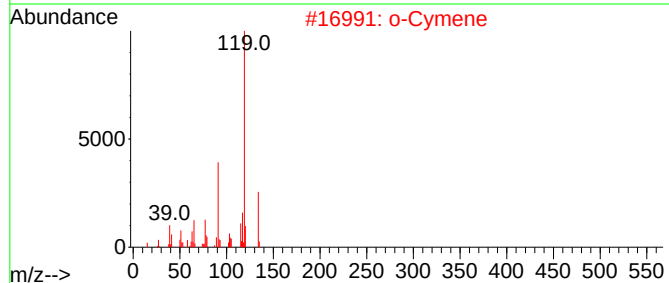
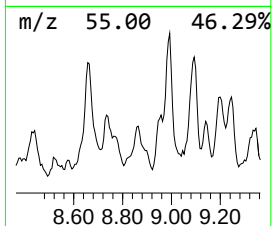
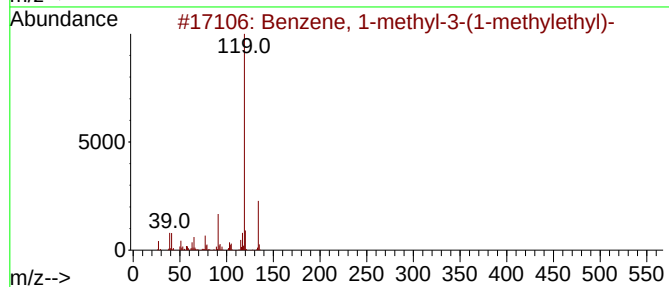
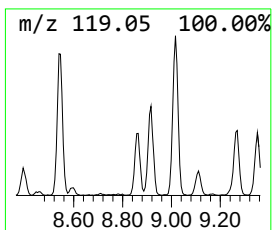
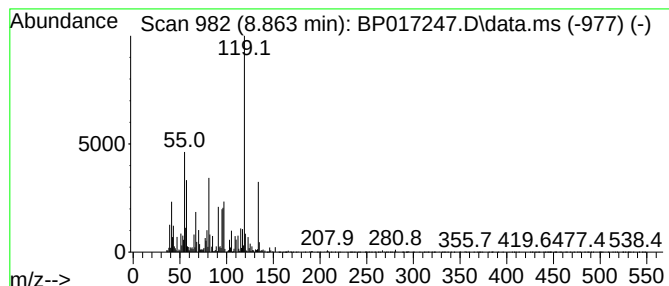
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	2.05 ng/ul	173242	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2			o-Cymene	134	C10H14	000527-84-4	78
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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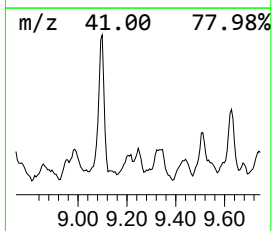
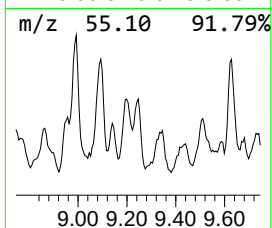
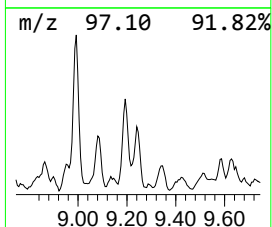
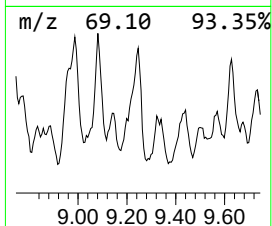
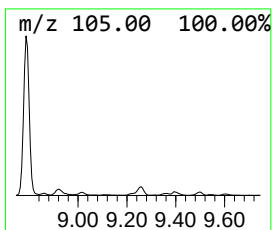
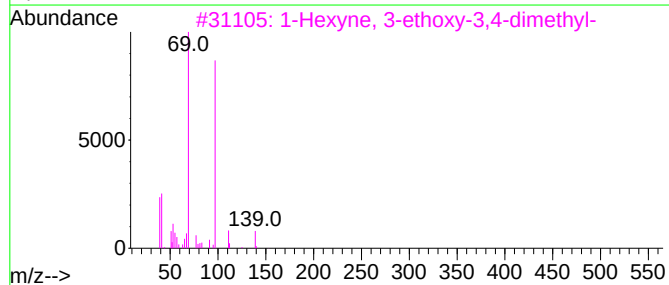
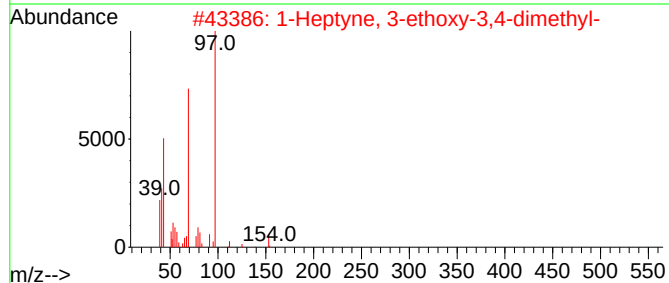
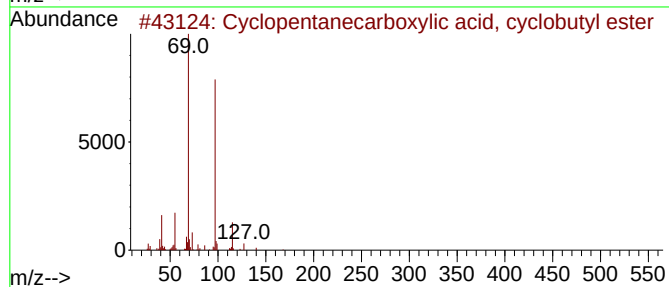
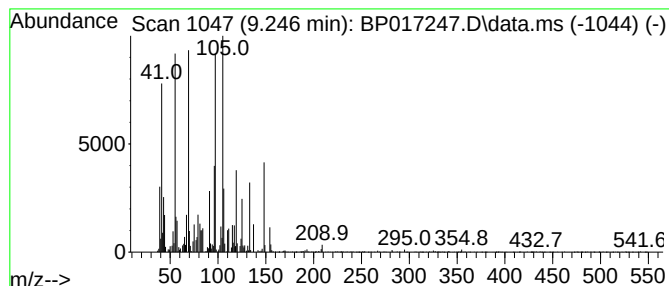
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-01 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.246	3.26 ng/ul	275650	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanecarboxylic acid, cyc...	168	C10H16O2	1000282-76-8	43
2			1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	38
3			1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	38
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	27
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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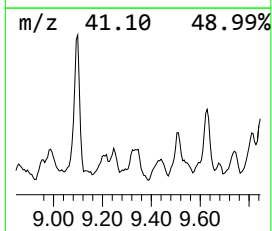
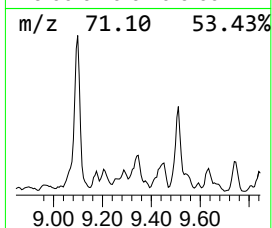
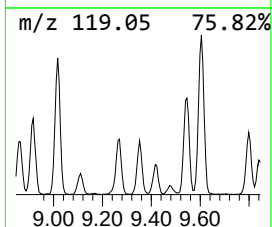
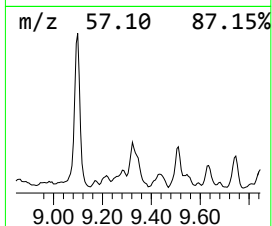
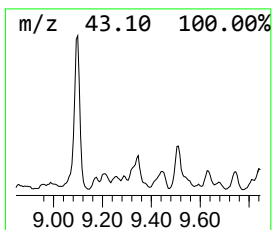
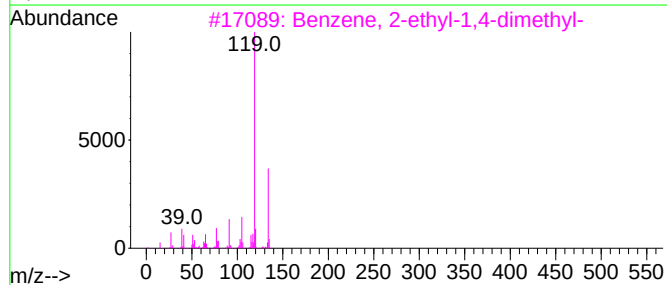
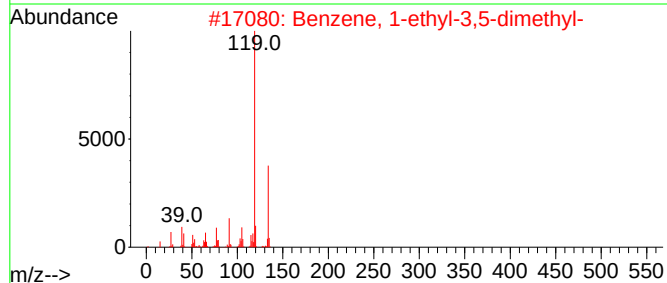
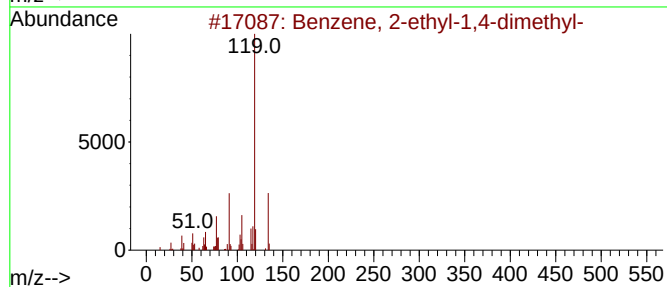
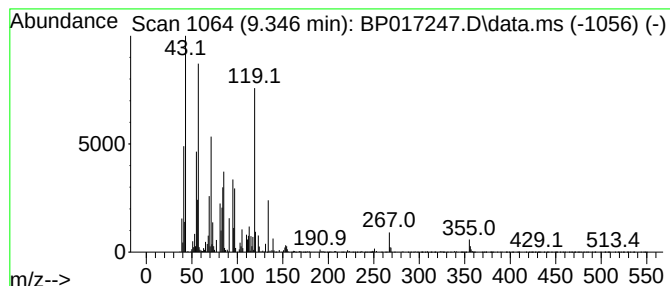
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	5.72 ng/ul	483886	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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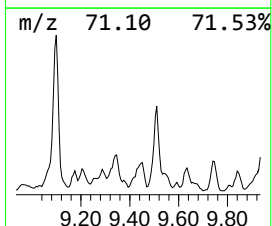
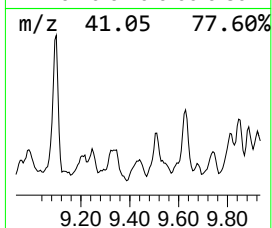
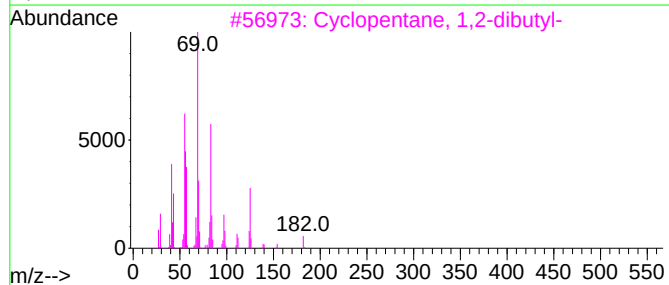
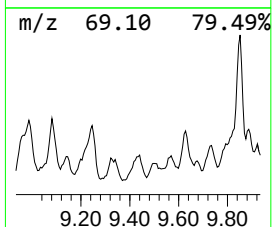
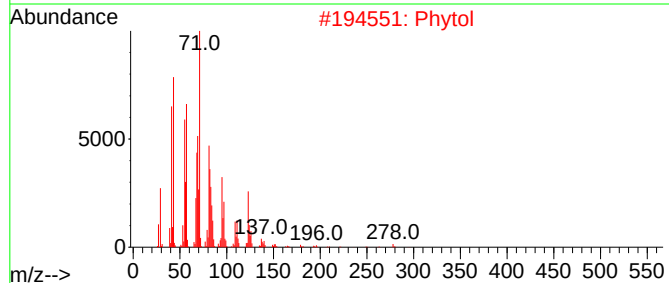
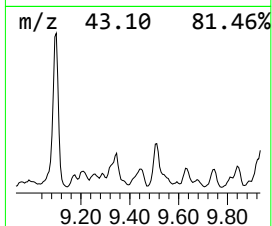
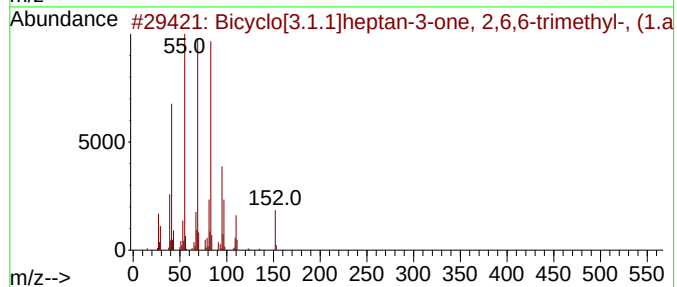
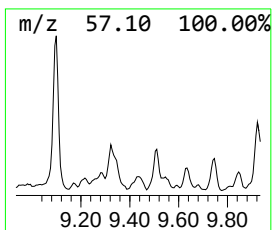
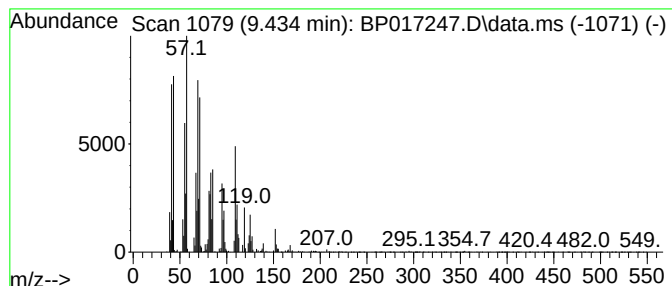
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-03 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	2.81 ng/ul	310644	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
2			Phytol	296	C20H40O	000150-86-7	35
3			Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	30
4			2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	30
5			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

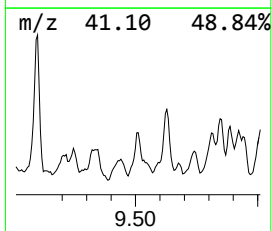
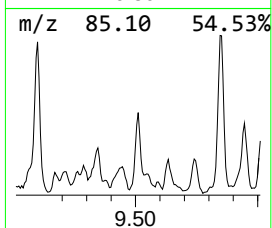
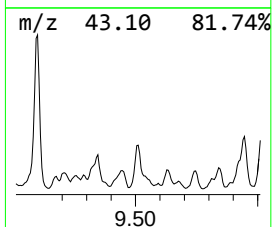
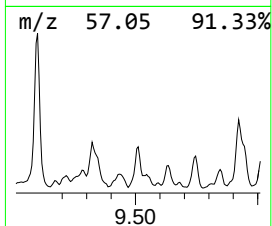
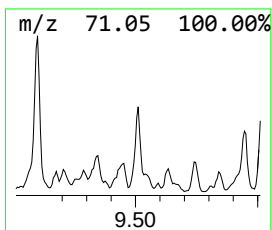
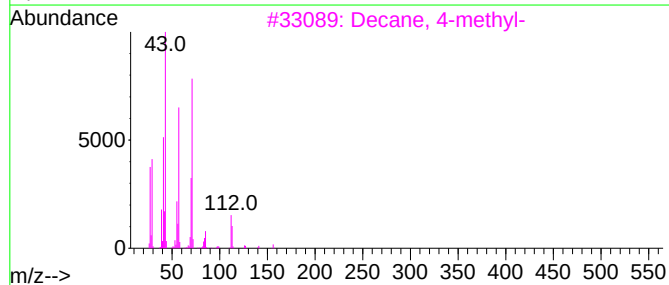
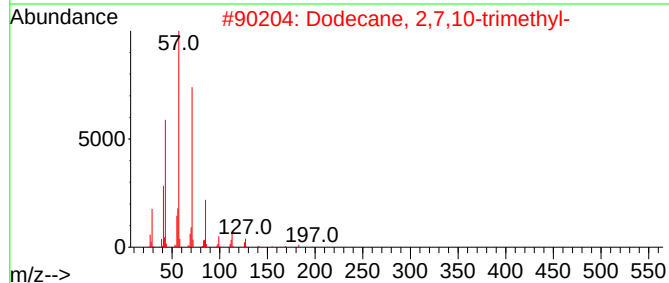
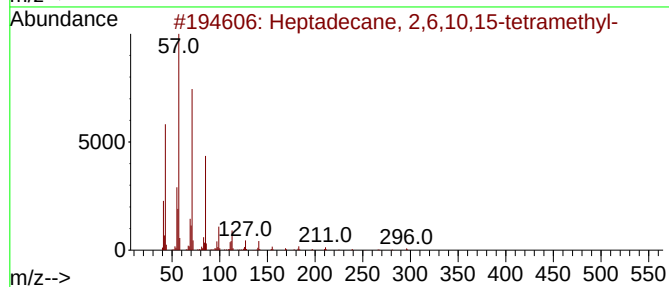
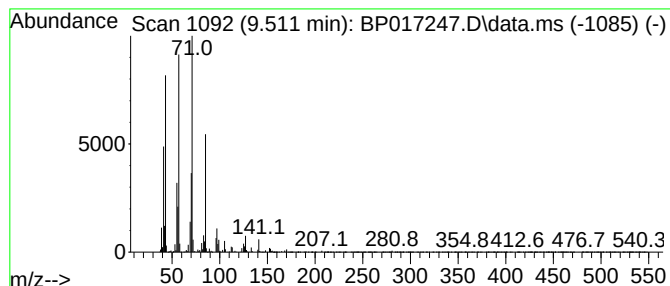
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.511	3.76 ng/ul	415777	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3			Decane, 4-methyl-	156	C11H24	002847-72-5	50
4			Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	50
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

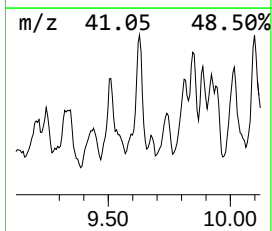
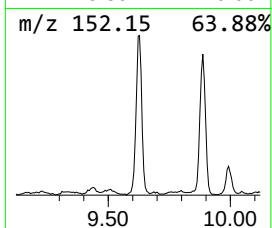
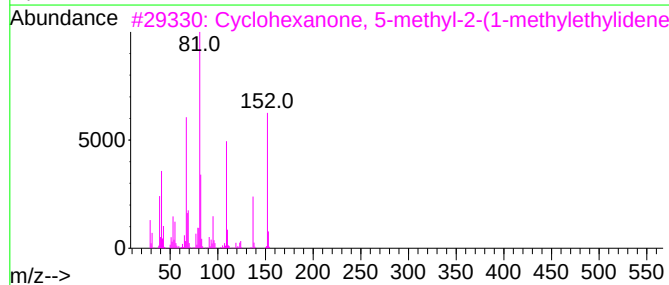
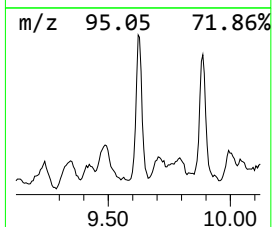
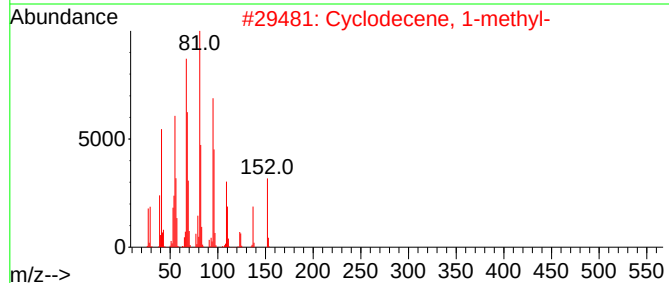
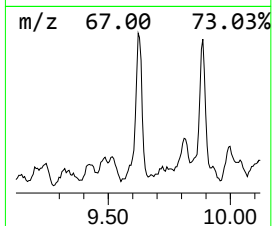
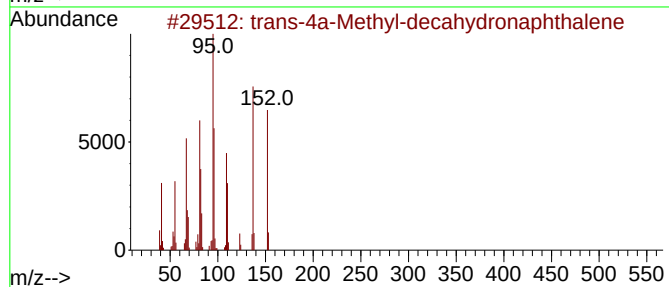
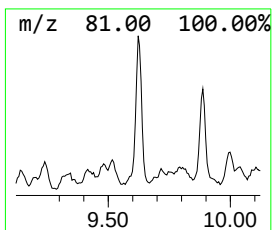
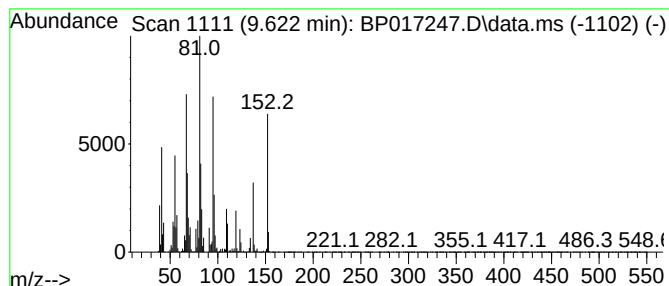
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 trans-4a-Methyl-decahydrona... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	9.67 ng/ul	1069320	Naphthalene-d8	10.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
4		Pulegone	152	C10H16O	000089-82-7	68
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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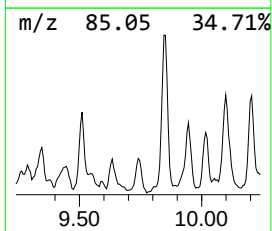
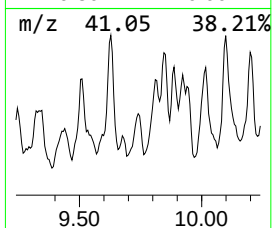
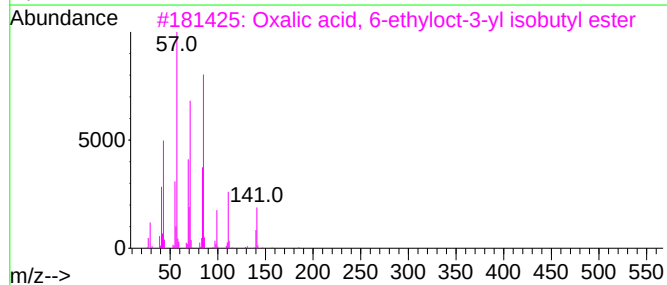
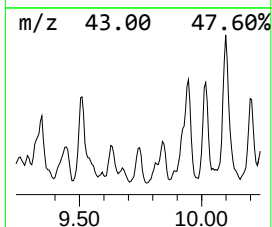
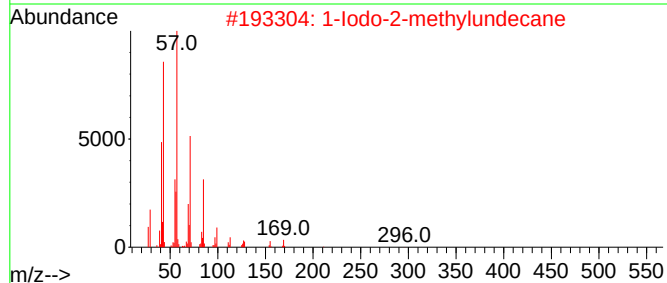
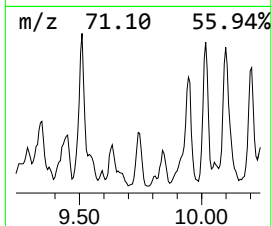
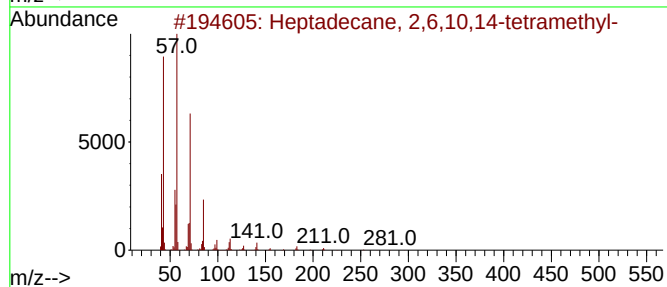
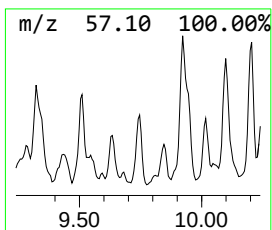
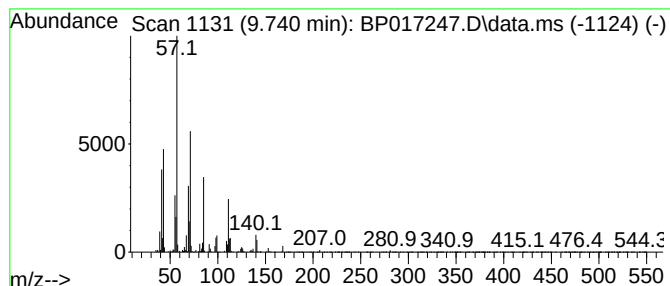
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	2.29 ng/ul	252717	Naphthalene-d8	10.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	58
3		Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	53
4		Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	53
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

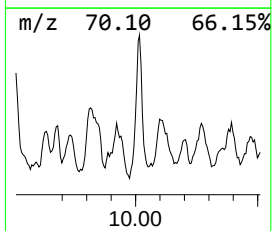
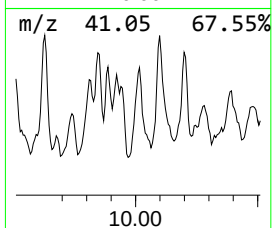
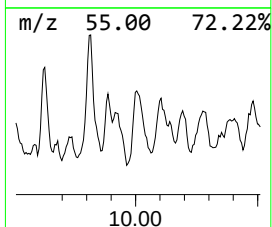
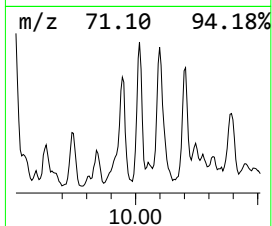
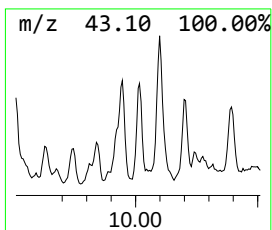
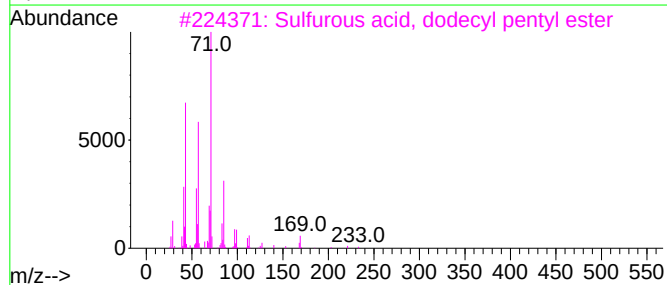
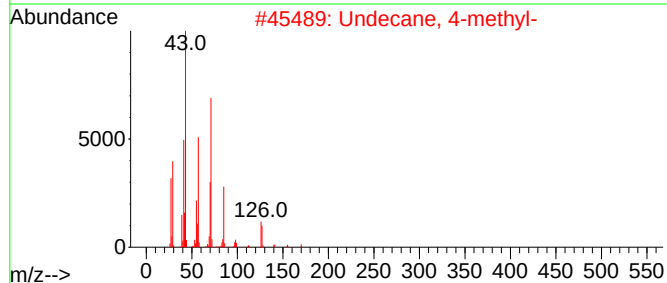
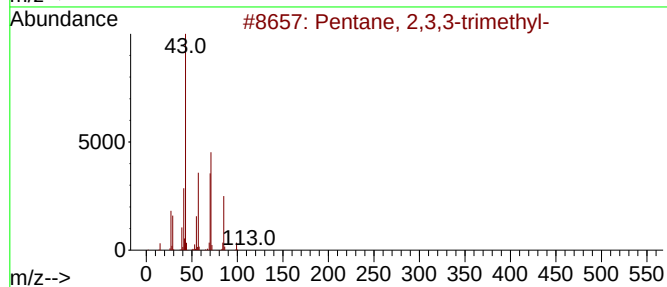
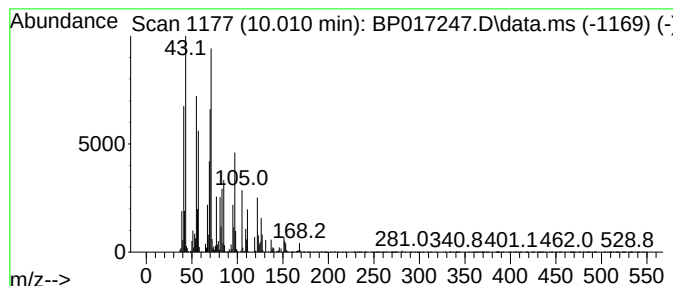
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.011	6.96 ng/ul	769415	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	38
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	35
3	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	35
4	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	30
5	Propyl triacontyl ether	481	C33H68O	1000406-28-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

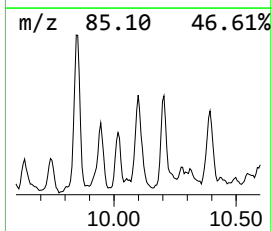
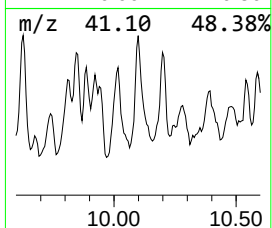
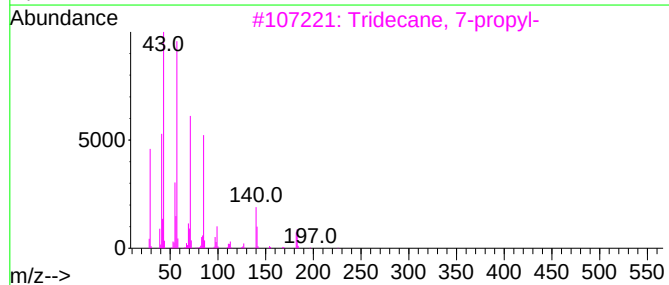
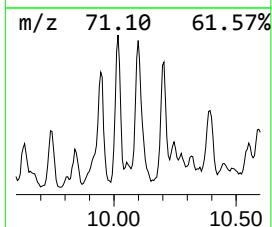
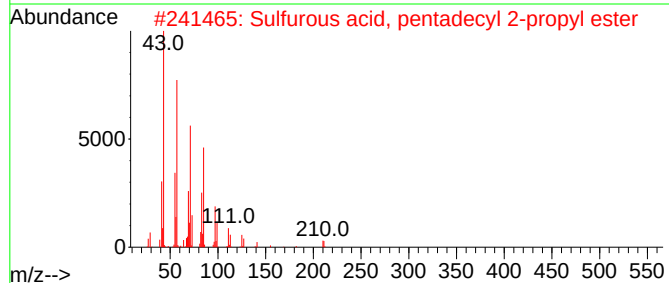
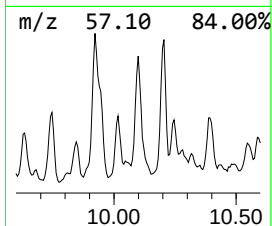
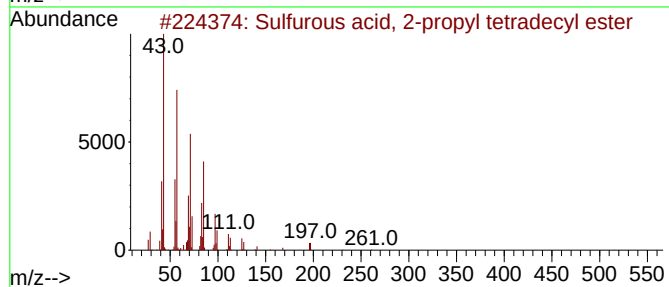
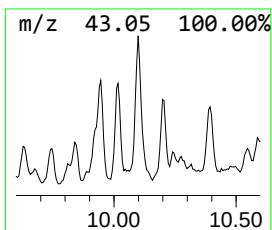
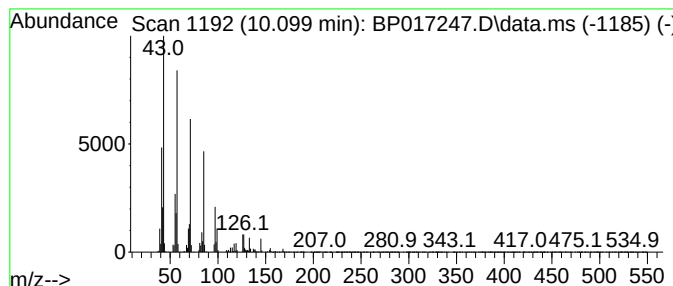
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Sulfurous acid, 2-propyl te... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.099	4.21 ng/ul	466107	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1010309-12-5	72
2	Sulfurous acid, pentadecyl 2-propyl ester	334	C18H38O3S	1000309-12-6	64
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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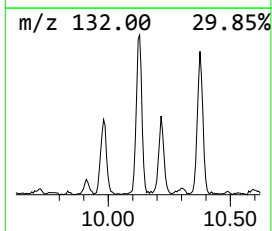
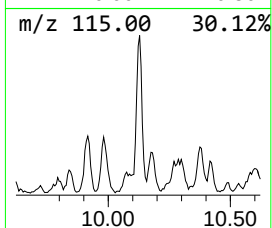
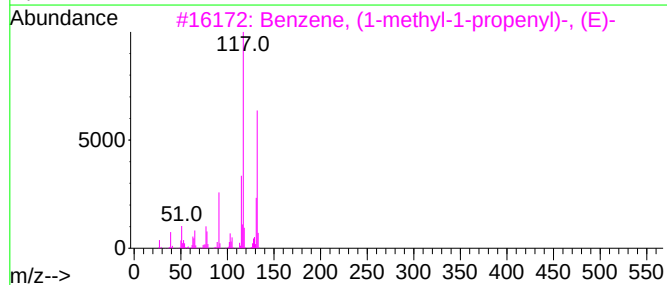
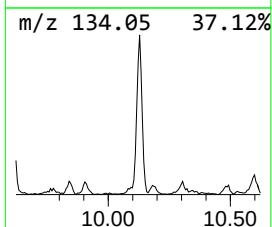
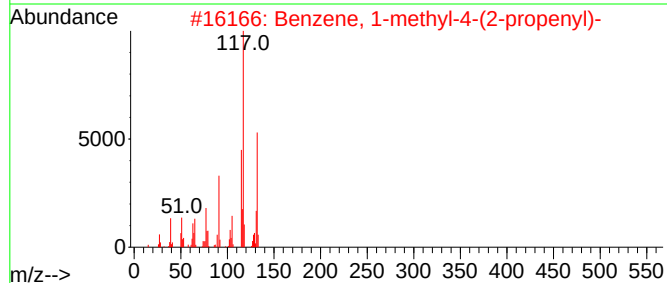
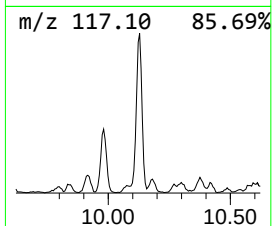
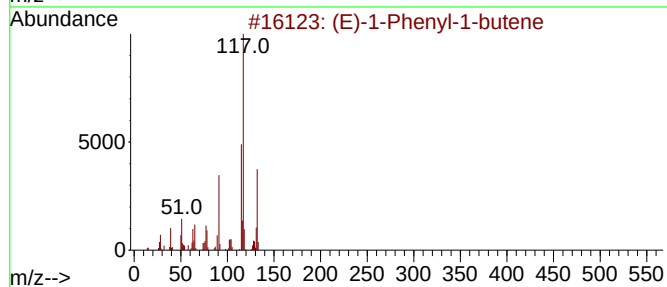
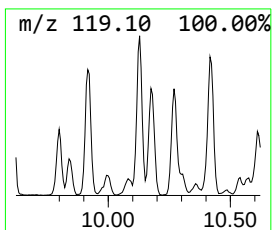
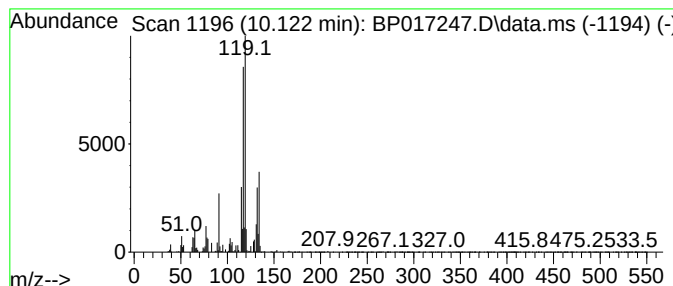
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (E)-1-Phenyl-1-butene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	3.60 ng/ul	397782	Naphthalene-d8	10.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

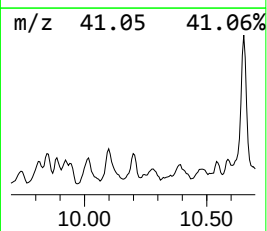
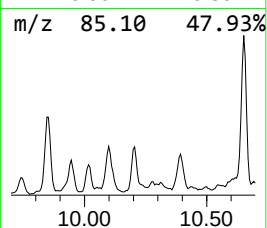
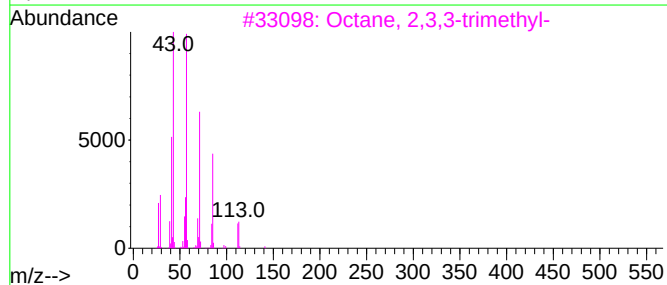
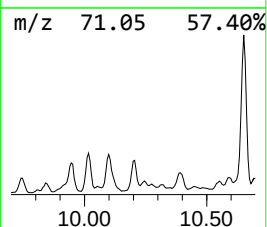
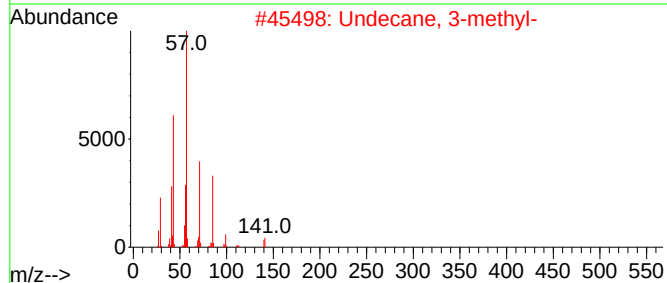
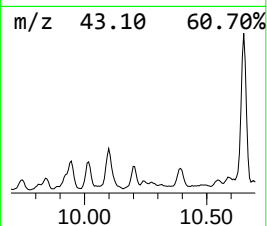
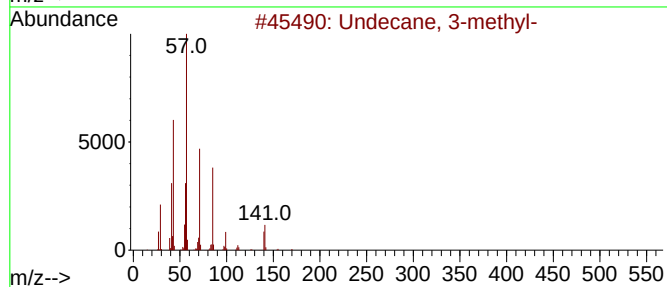
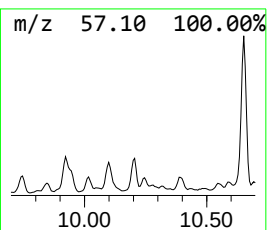
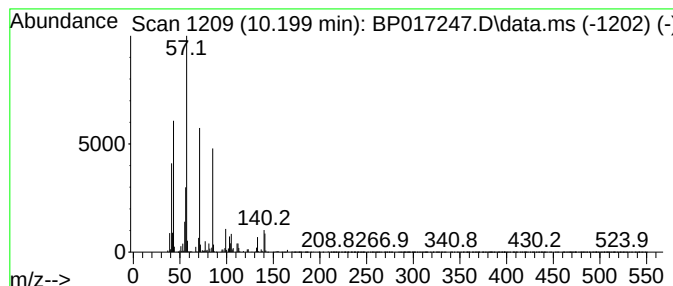
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.199	4.71 ng/ul	521350	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

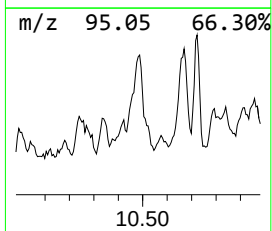
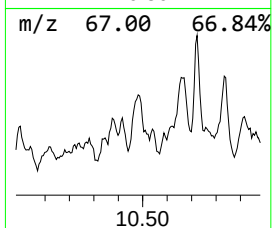
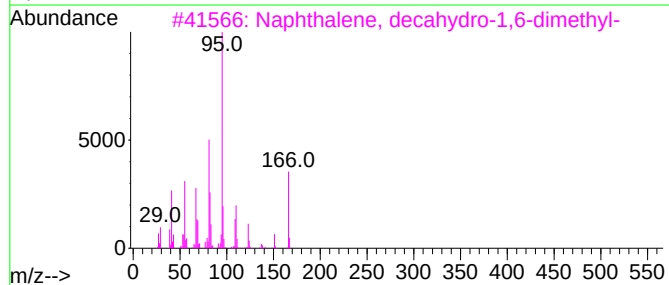
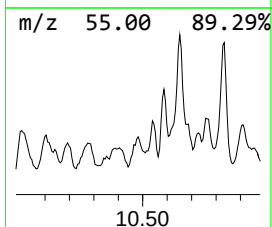
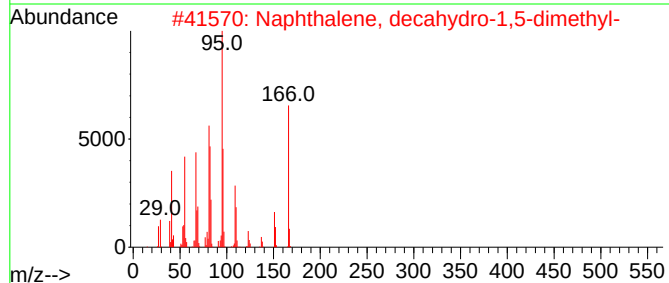
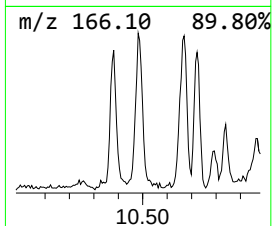
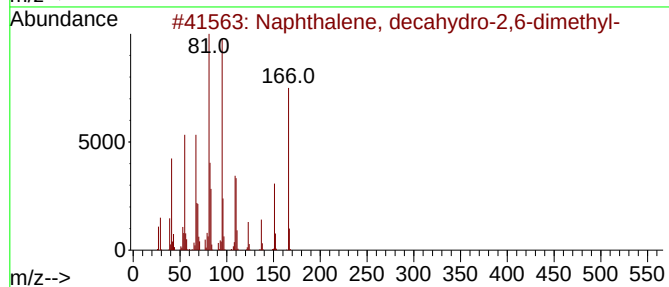
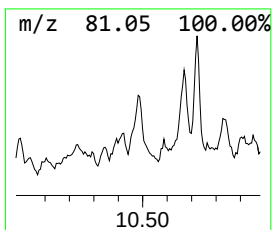
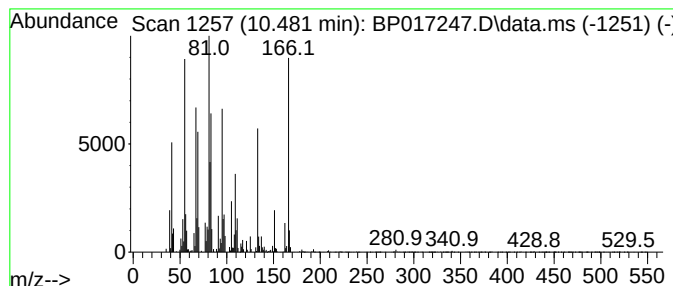
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, decahydro-2,6-... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.481	3.18 ng/ul	351366	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	72
2	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	58
3	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	49
4	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	38
5	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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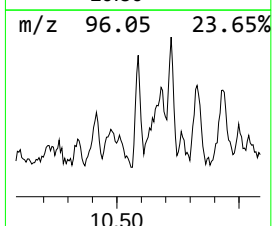
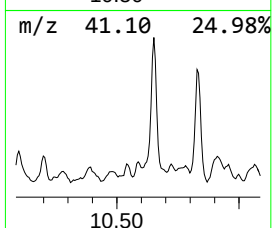
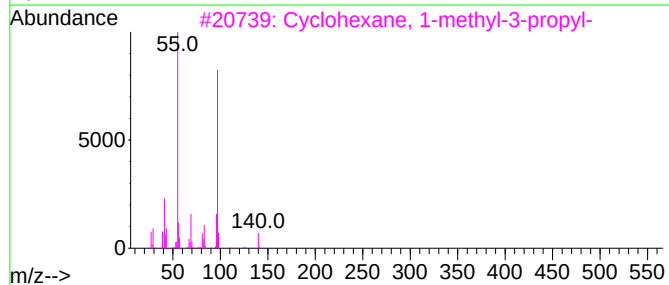
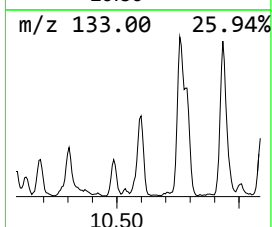
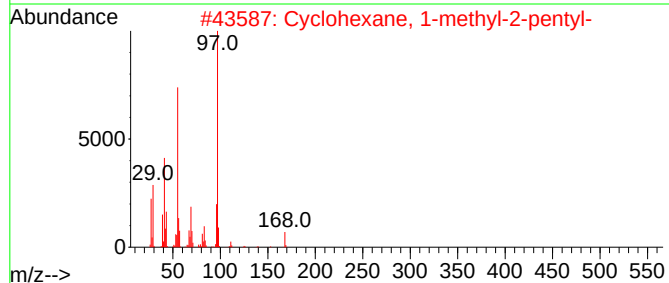
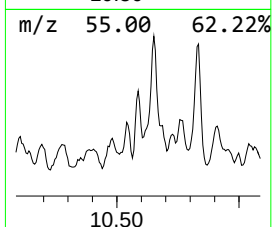
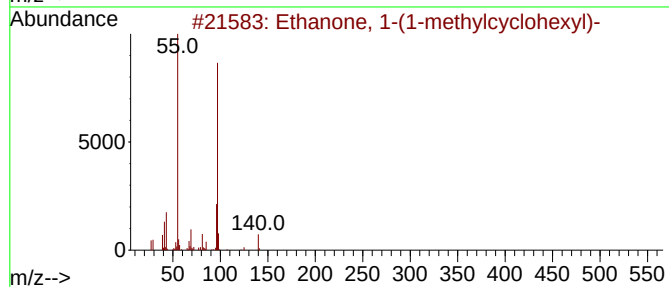
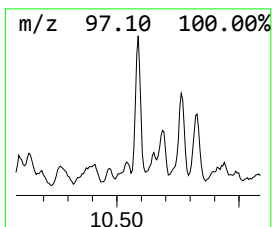
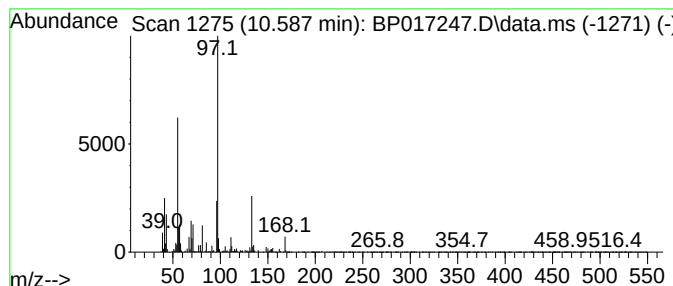
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.587	3.25 ng/ul	359303	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
3			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
5			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

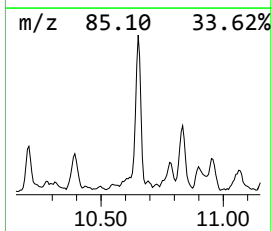
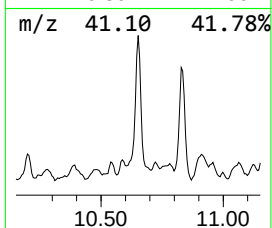
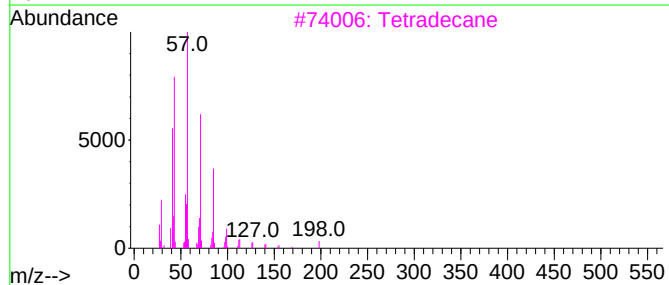
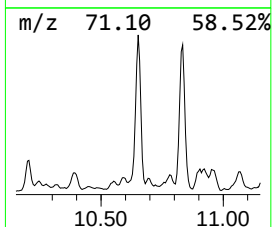
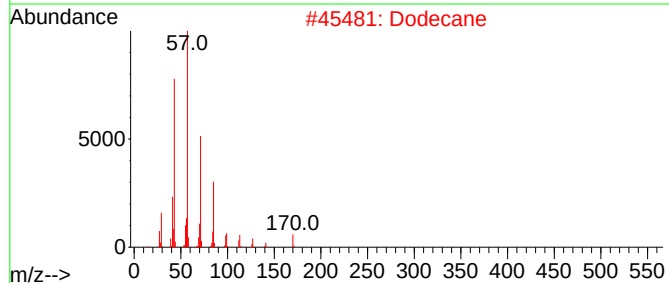
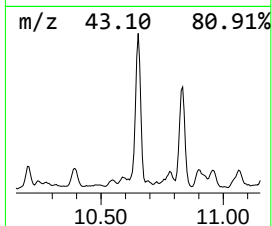
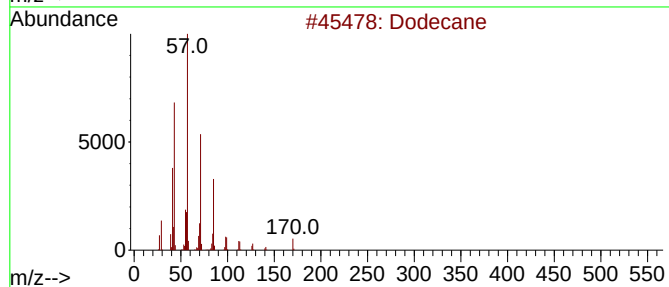
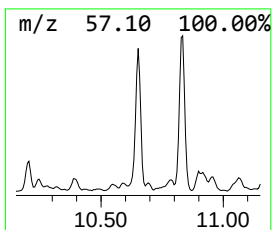
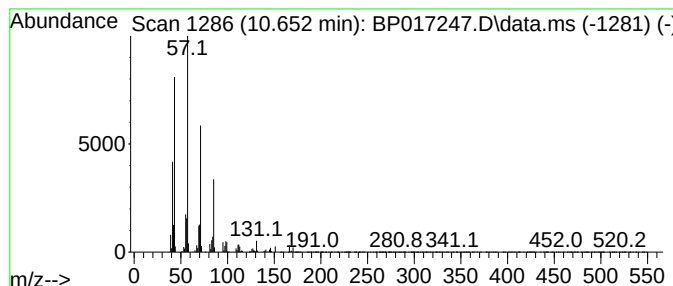
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.652	14.99 ng/ul	1657240	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Dodecane	170	C12H26	000112-40-3	83
3	Tetradecane	198	C14H30	000629-59-4	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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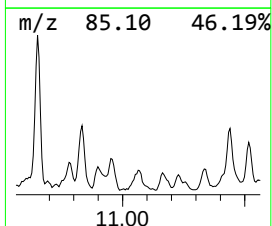
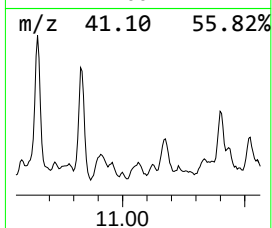
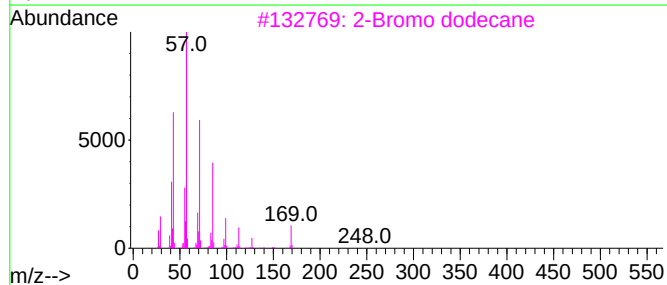
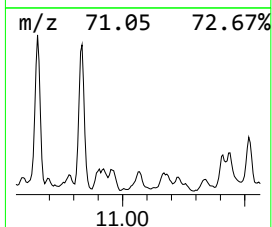
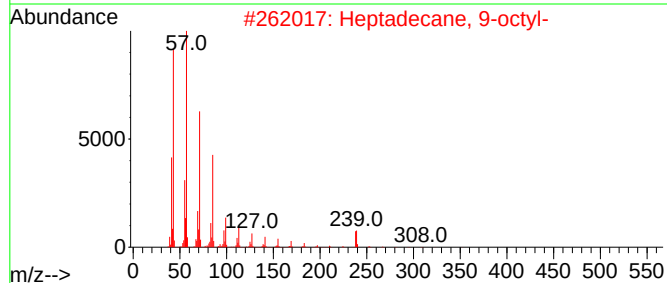
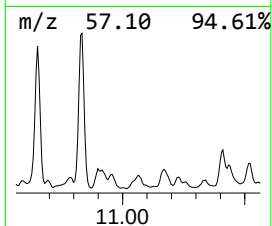
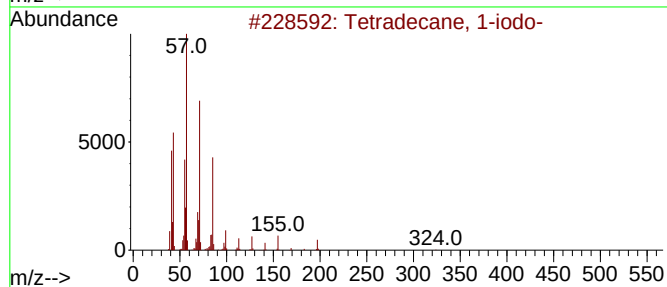
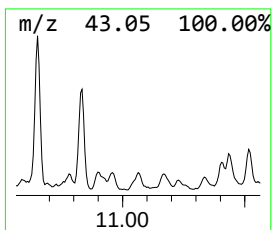
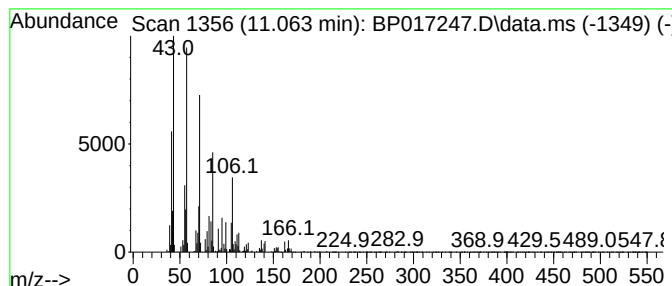
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Tetradecane, 1-iodo- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	4.14 ng/ul	457686	Naphthalene-d8	10.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	70
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	70
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	60
4		Octadecane	254	C18H38	000593-45-3	60
5		2-Methyltetracosane	352	C25H52	001560-78-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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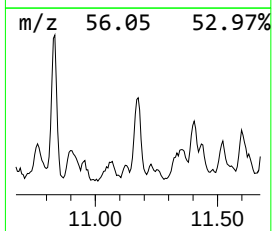
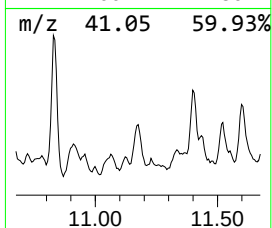
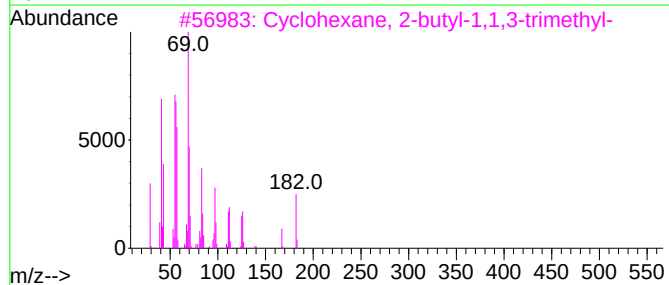
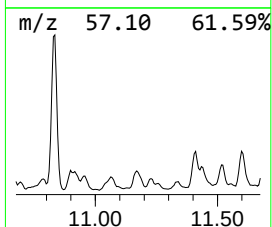
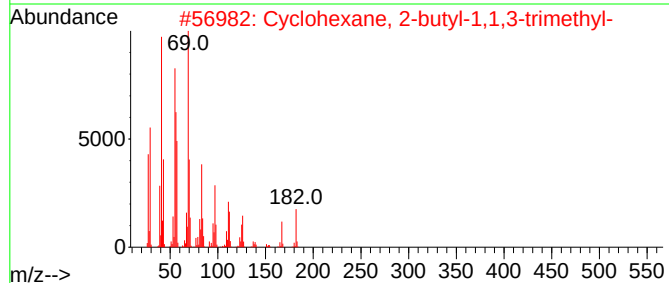
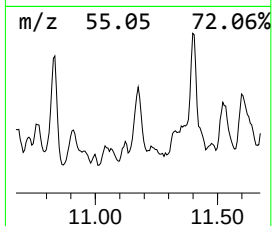
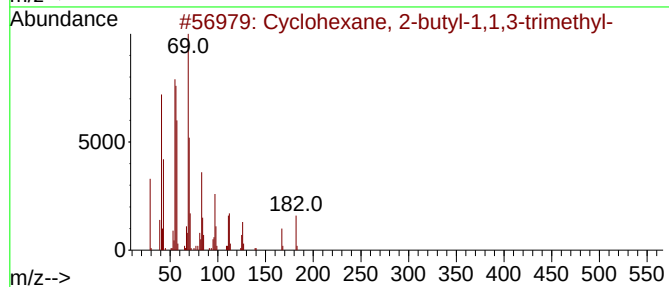
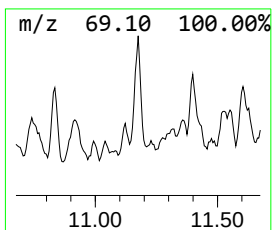
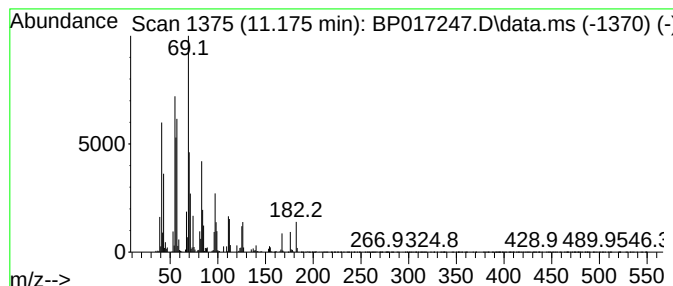
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic11.175 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	8.11 ng/ul	896362	Naphthalene-d8	10.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
3		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
4		6-Tridecene, (Z)-	182	C13H26	006508-77-6	90
5		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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ALS Vial : 16 Sample Multiplier: 1

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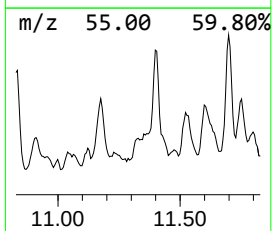
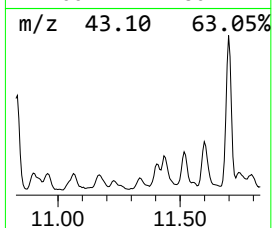
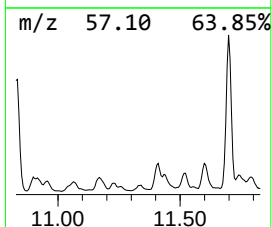
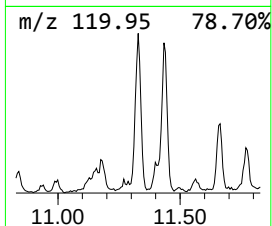
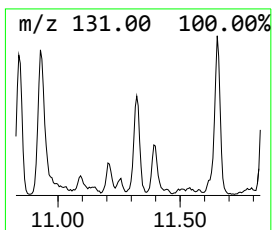
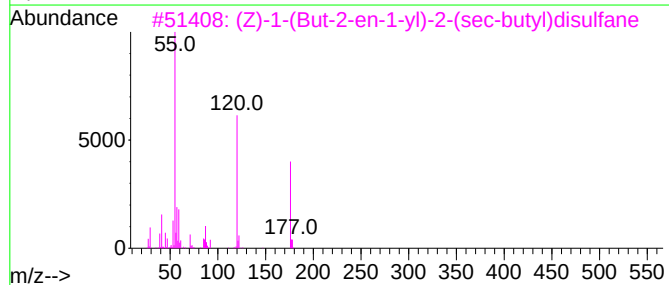
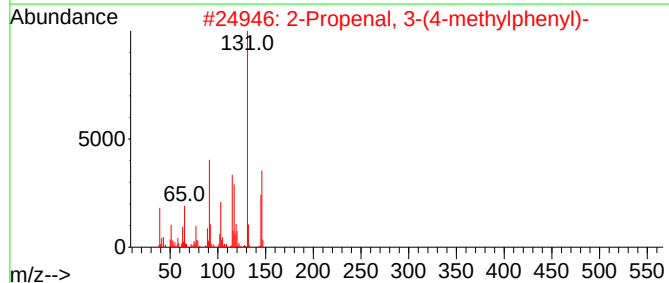
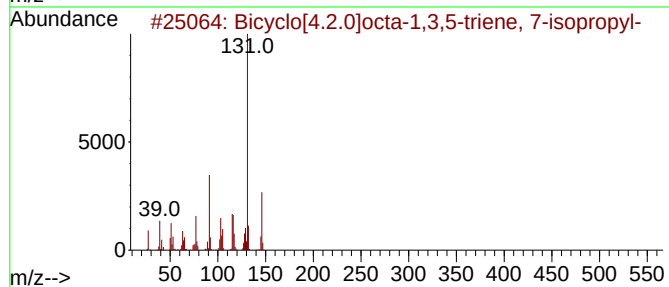
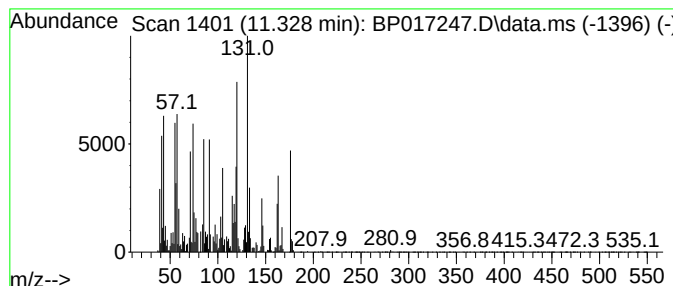
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.328	5.49 ng/ul	607511	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	44
2			2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	38
3			(Z)-1-(But-2-en-1-yl)-2-(sec-but...	176	C8H16S2	110690-23-8	35
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	35
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

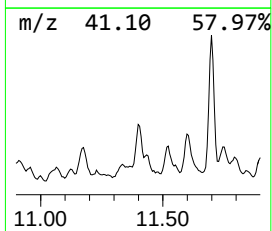
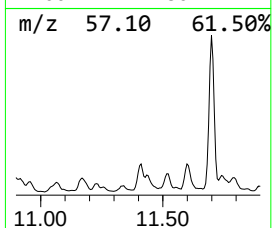
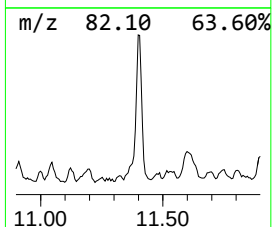
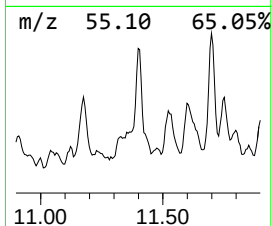
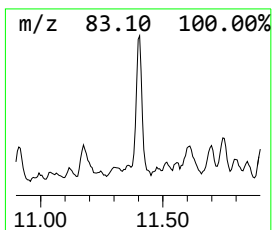
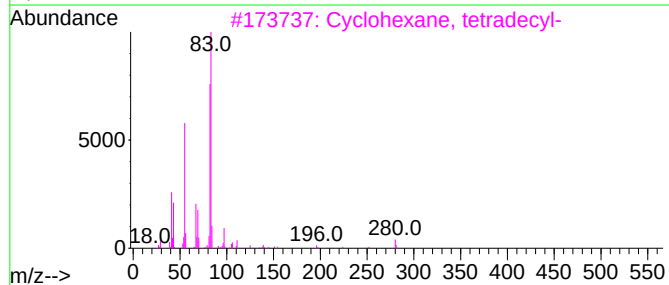
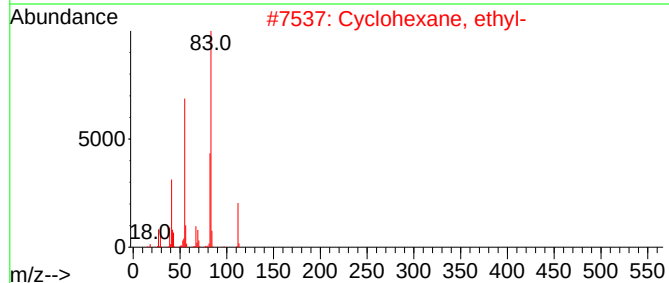
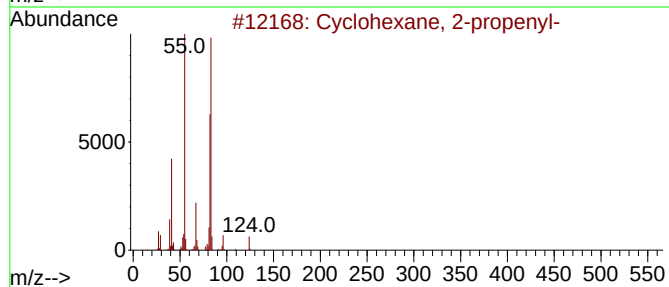
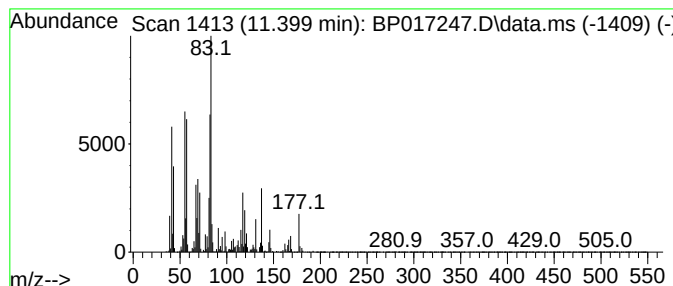
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.399	9.19 ng/ul	1016170	Naphthalene-d8		10.763	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	43
2	Cyclohexane, ethyl-		112	C8H16	001678-91-7	43
3	Cyclohexane, tetradecyl-		280	C20H40	001795-18-2	43
4	Sulfurous acid, dicyclohexyl ester		246	C12H22O3S	006214-17-1	43
5	Cyclohexane, ethyl-		112	C8H16	001678-91-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

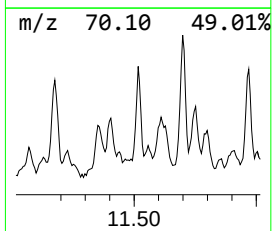
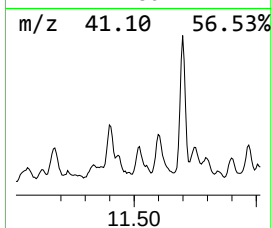
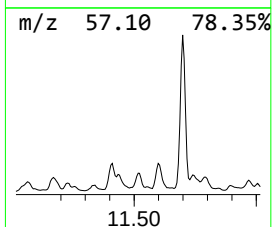
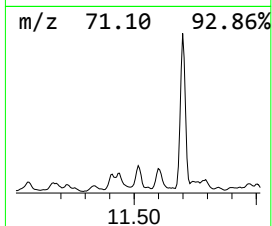
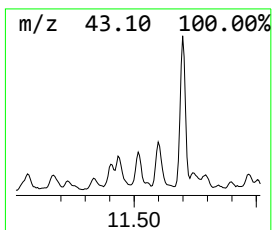
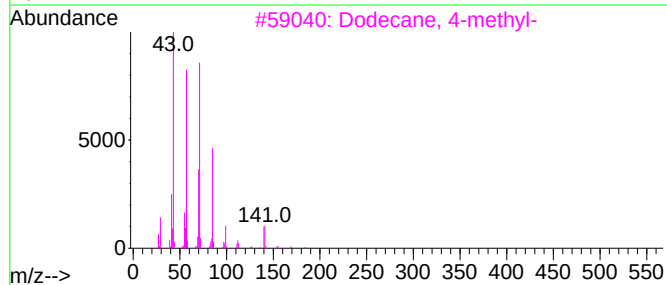
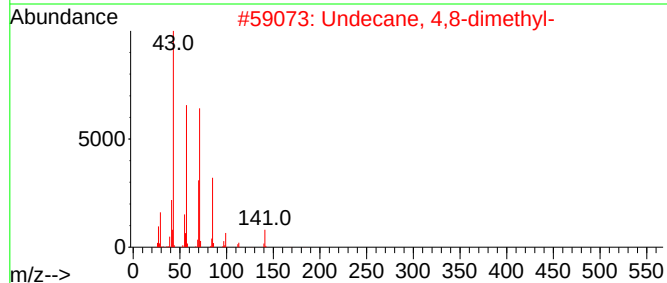
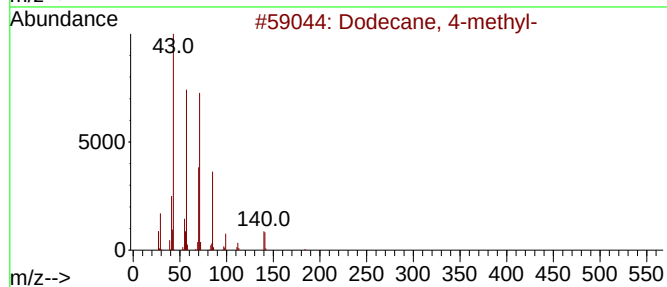
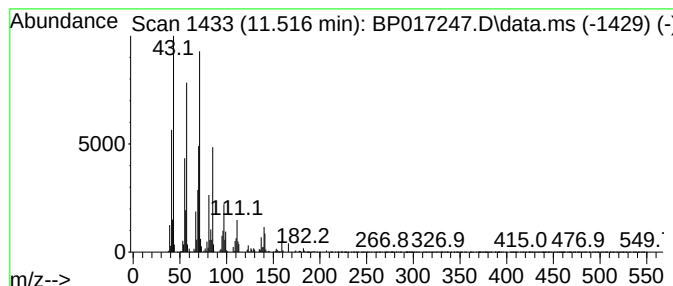
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.516	6.71 ng/ul	742364	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	53
5	Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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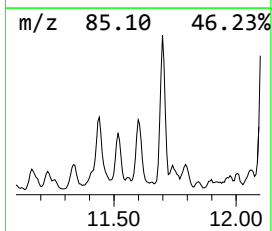
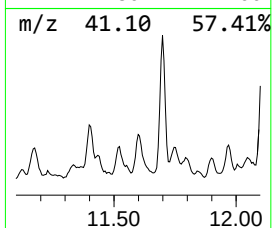
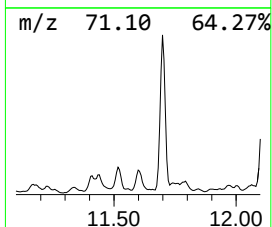
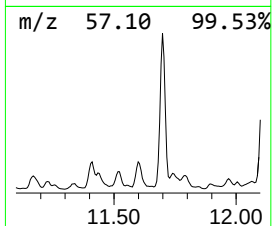
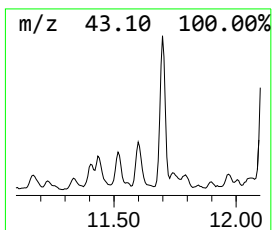
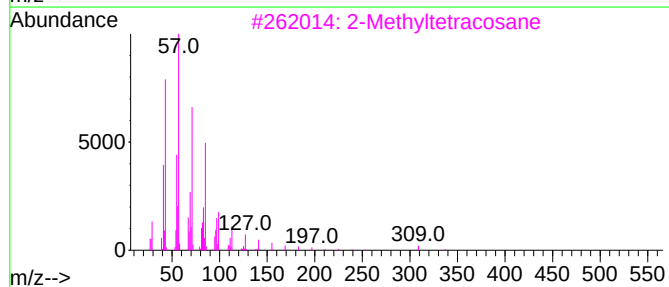
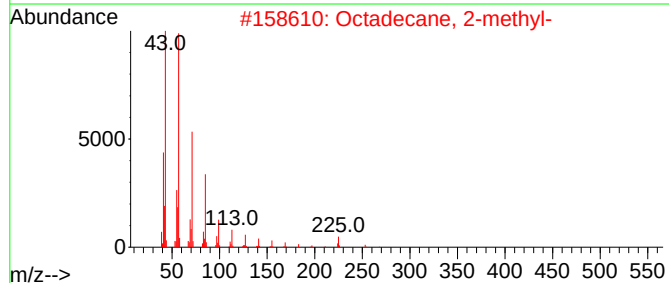
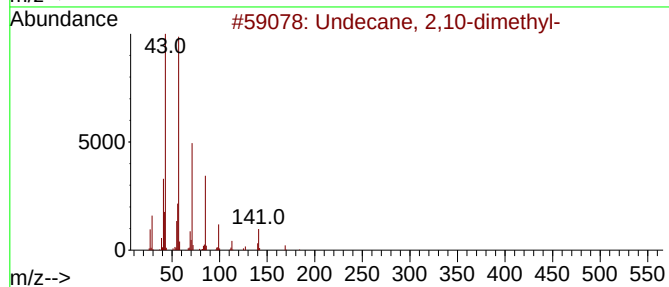
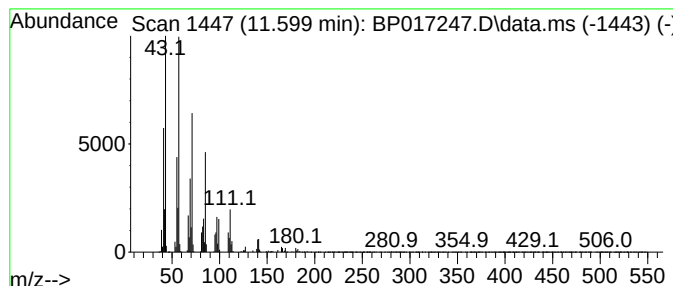
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.599	5.62 ng/ul	621064	Naphthalene-d8	10.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	76
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	68
3		2-Methyltetracosane	352	C25H52	001560-78-7	68
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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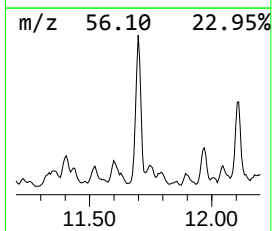
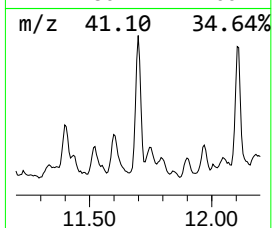
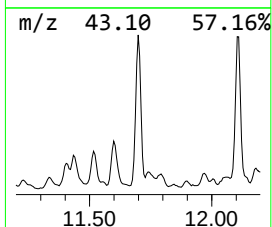
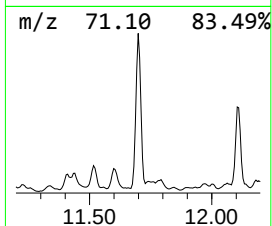
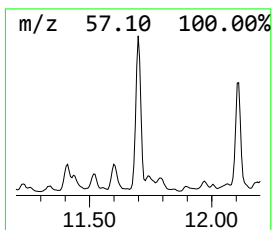
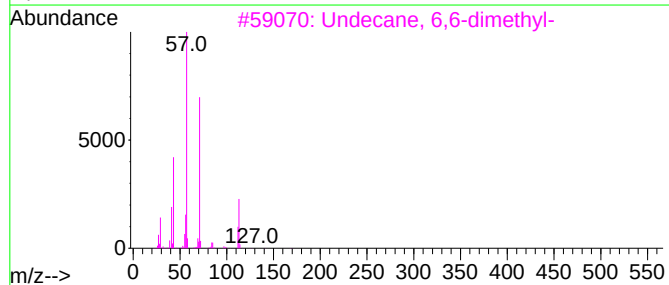
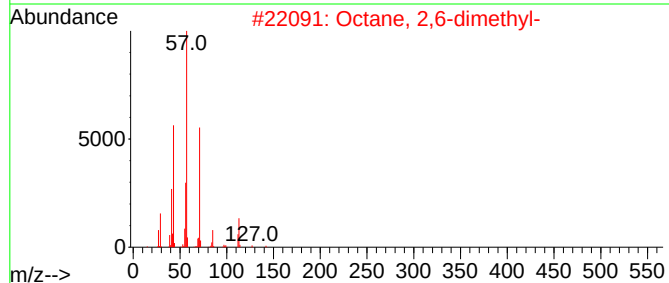
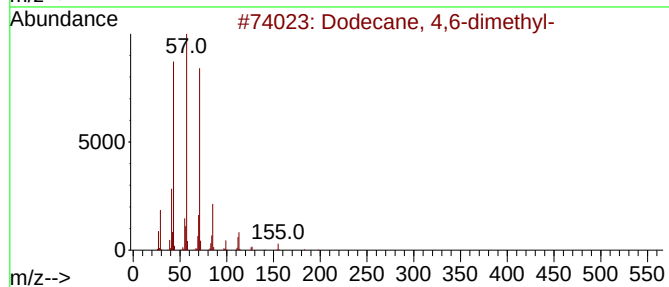
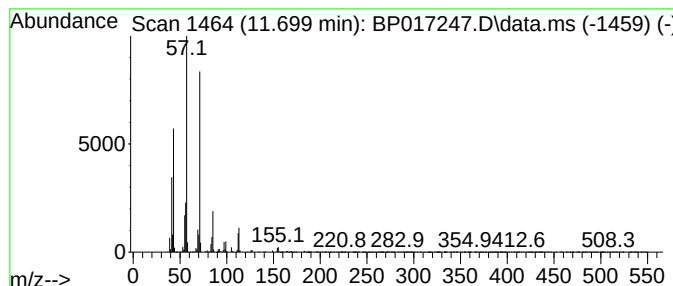
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.699	20.78 ng/ul	2297760	Naphthalene-d8	10.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	64
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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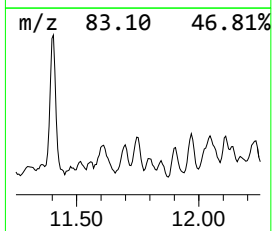
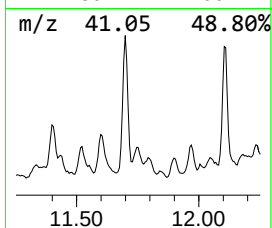
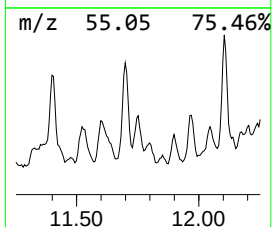
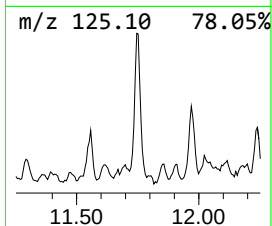
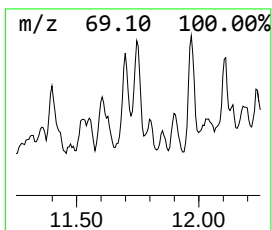
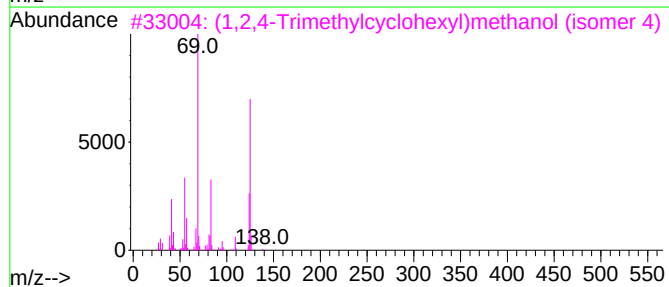
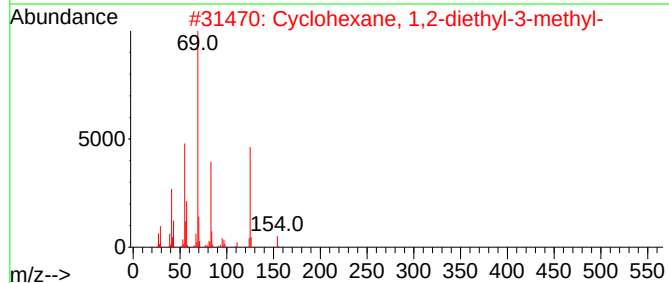
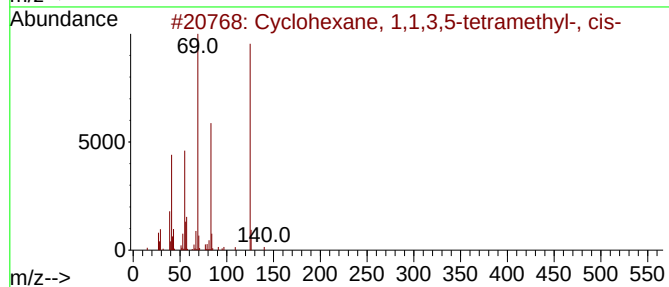
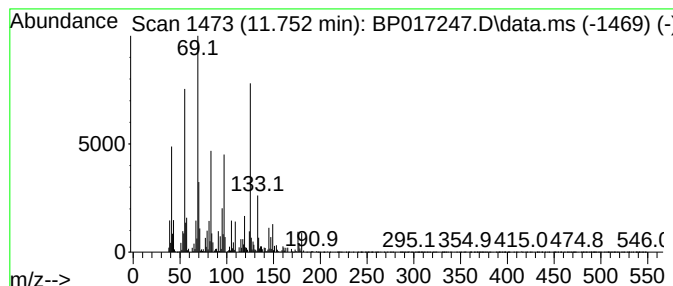
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic11.752 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.752	4.41 ng/ul	487719	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	60
2			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
3			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-04-1	50
4			Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	47
5			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
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Instrument :
BNA_P
ClientSampleId :
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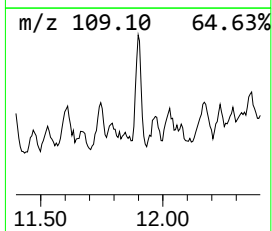
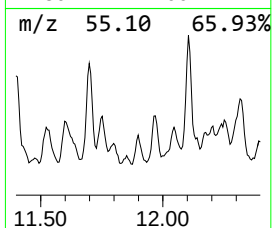
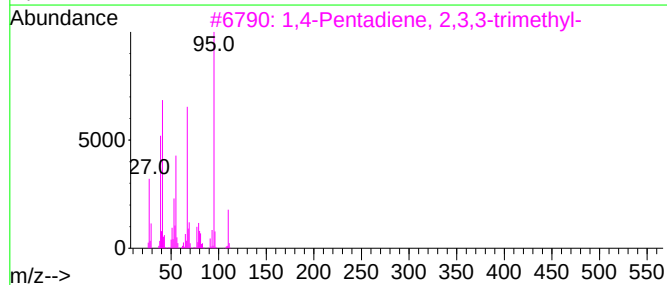
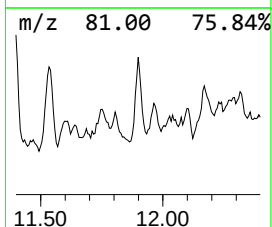
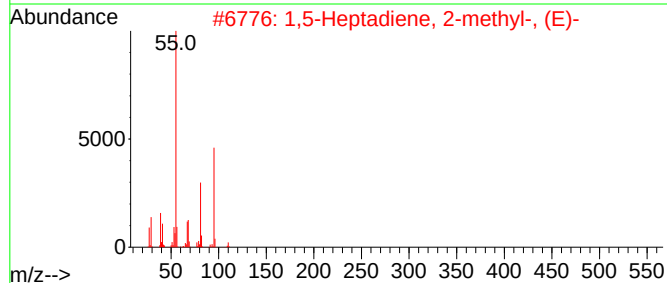
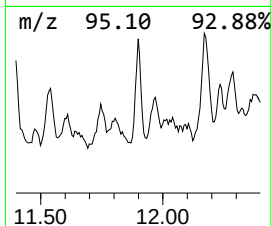
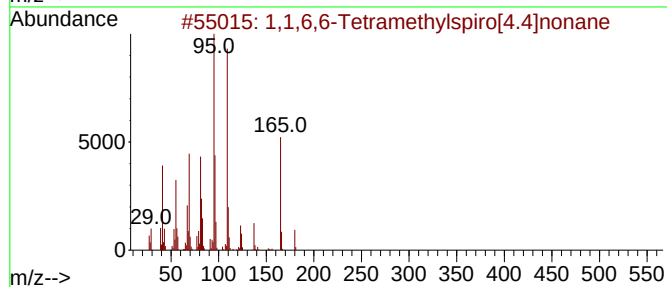
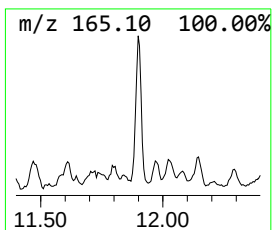
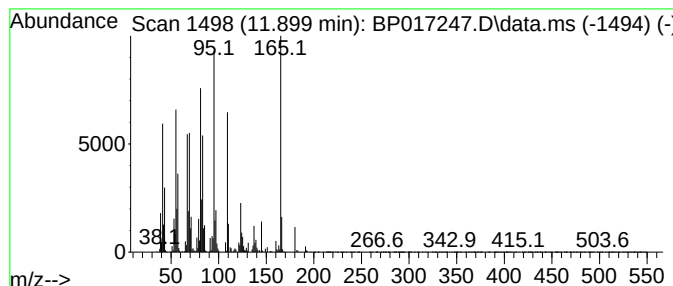
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-06 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	4.30 ng/ul	475416	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	38
2			1,5-Heptadiene, 2-methyl-, (E)-	110	C8H14	041044-63-7	27
3			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25
4			Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	010334-26-6	22
5			Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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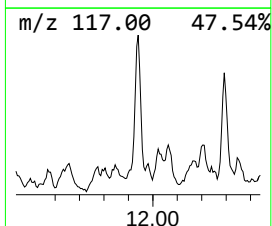
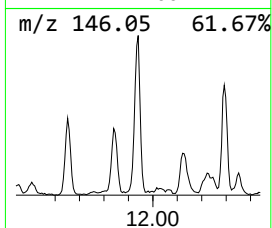
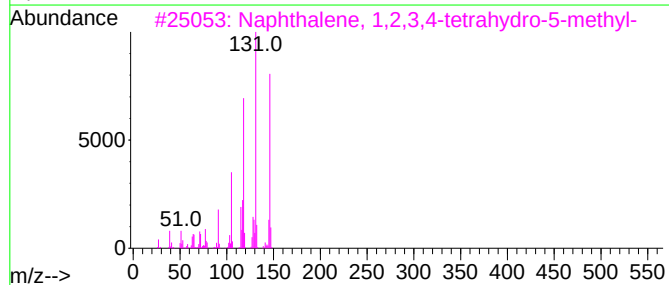
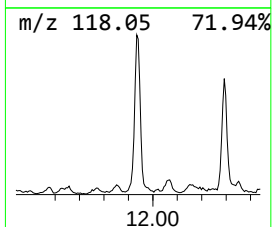
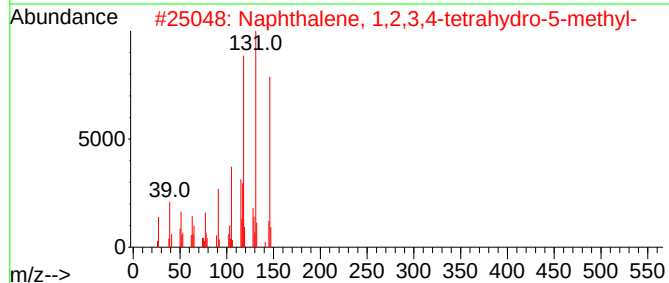
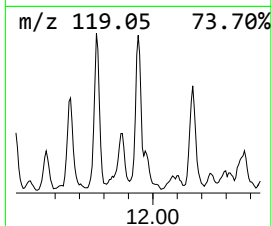
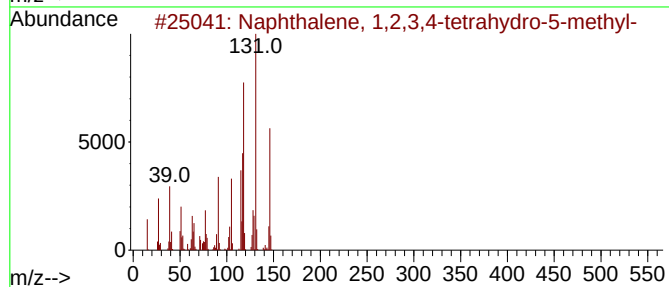
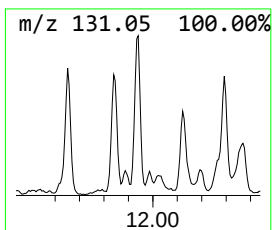
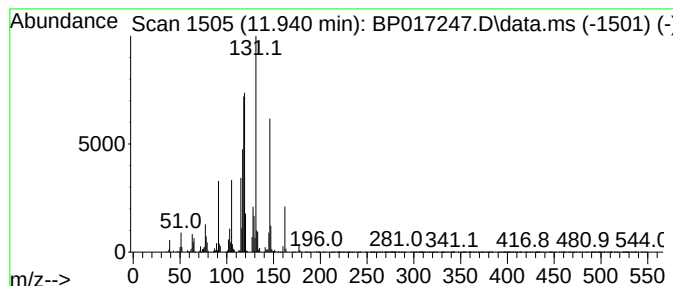
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	4.24 ng/ul	469429	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	92
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	92
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

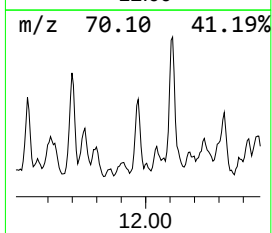
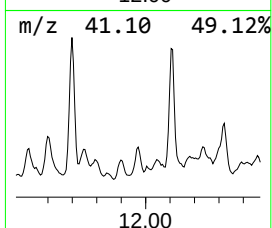
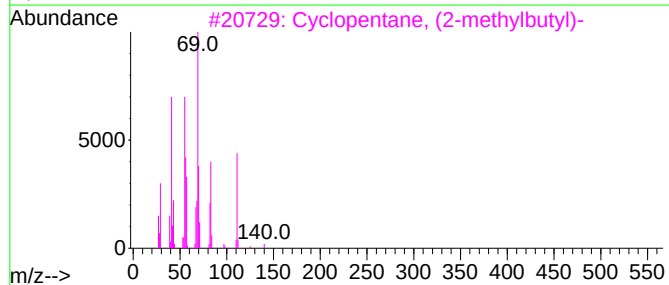
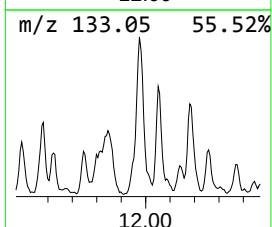
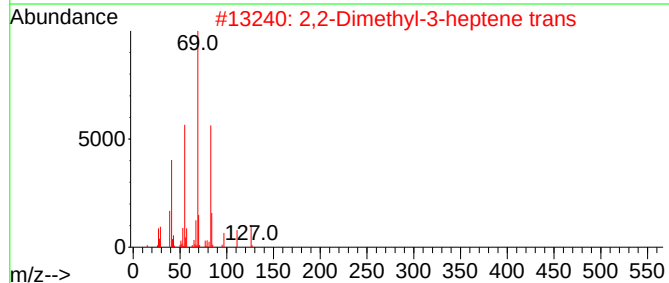
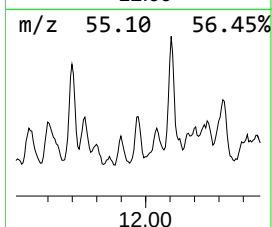
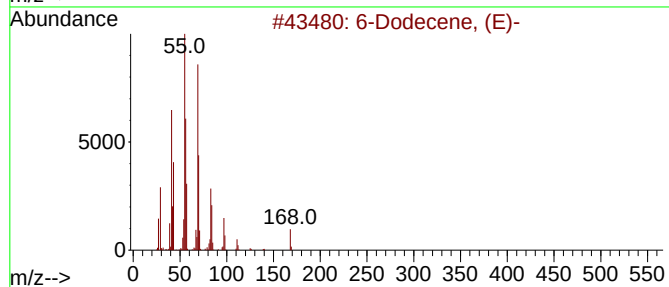
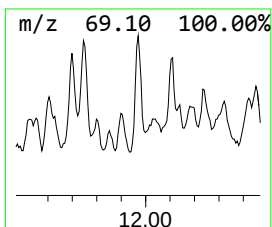
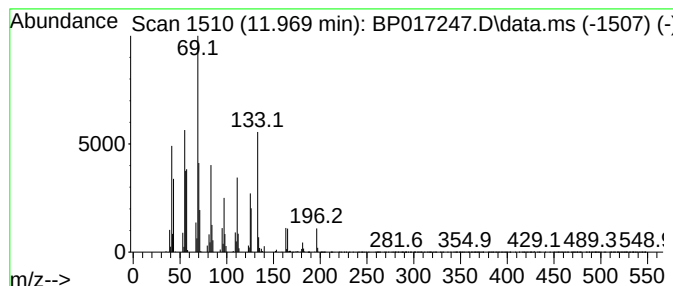
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.969	5.07 ng/ul	560698	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-	168	C12H24	007206-17-9	60
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	45
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	38
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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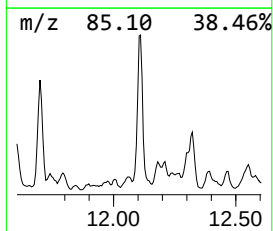
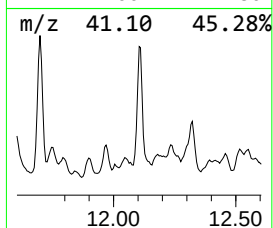
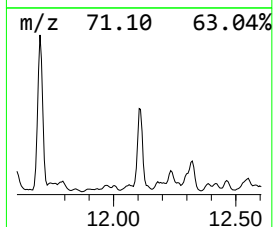
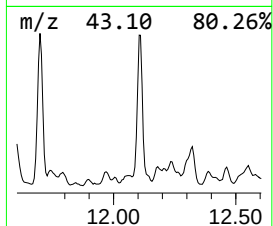
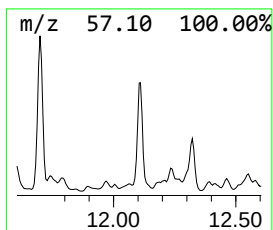
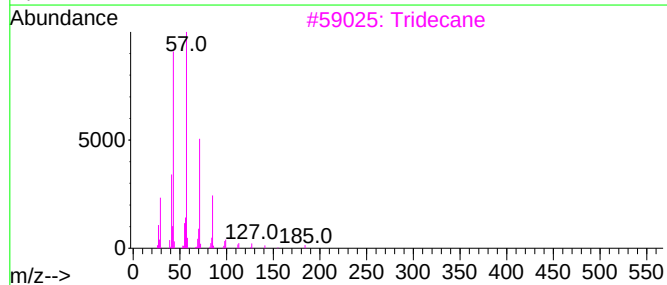
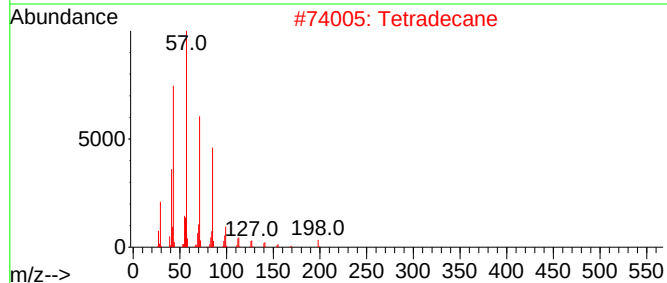
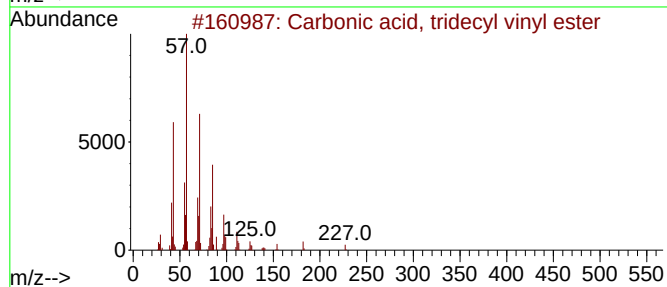
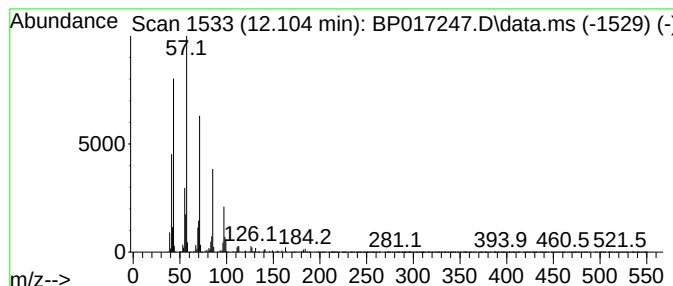
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Carbonic acid, tridecyl vin... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.105	17.05 ng/ul	1886000	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	72
2			Tetradecane	198	C14H30	000629-59-4	64
3			Tridecane	184	C13H28	000629-50-5	64
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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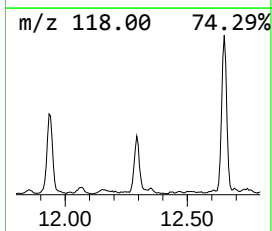
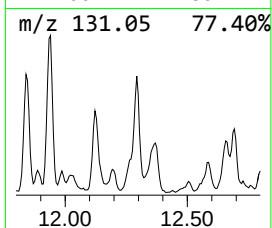
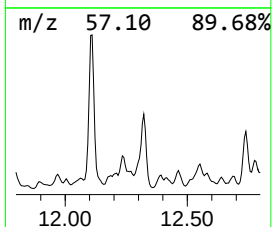
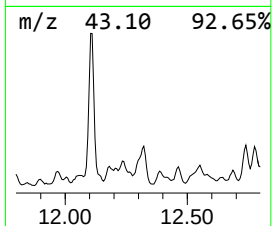
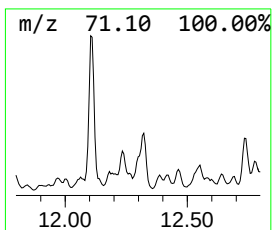
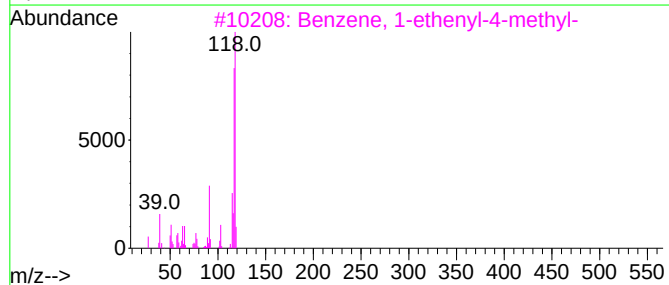
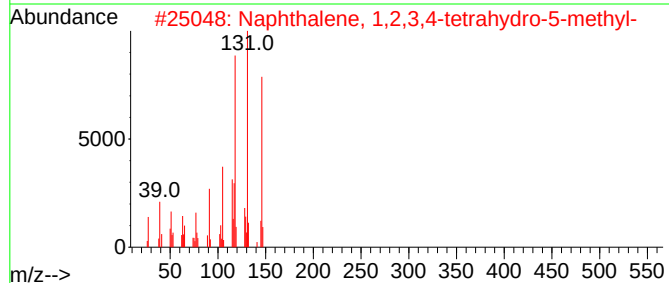
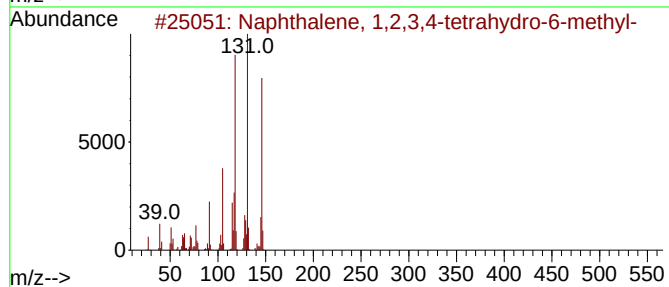
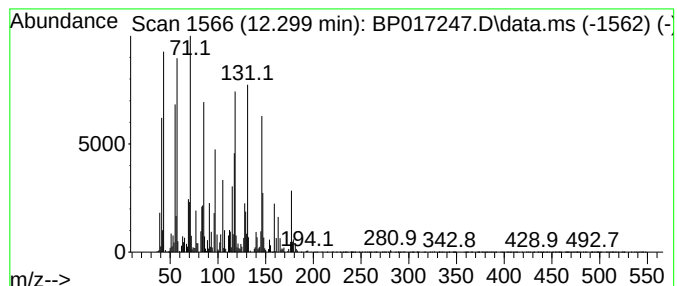
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.299	4.07 ng/ul	449708	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
3			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	53
5			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

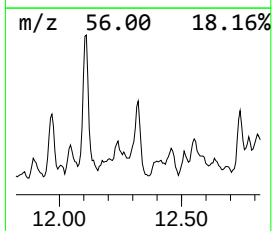
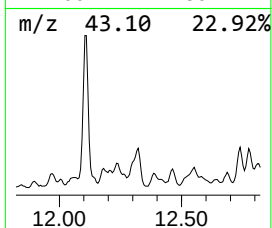
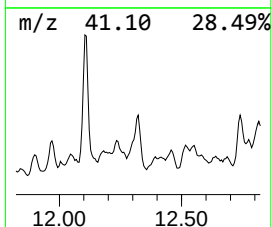
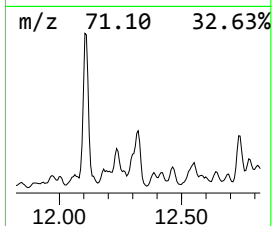
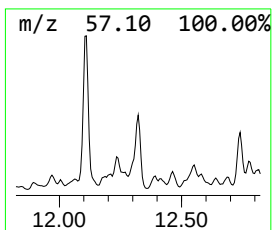
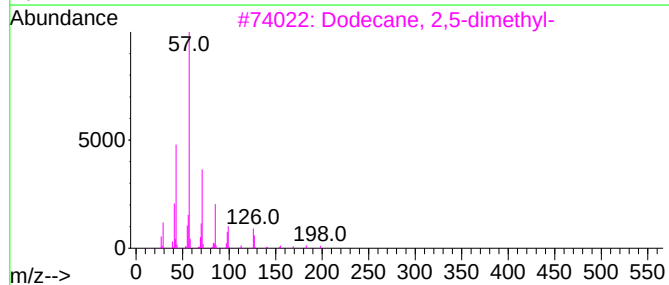
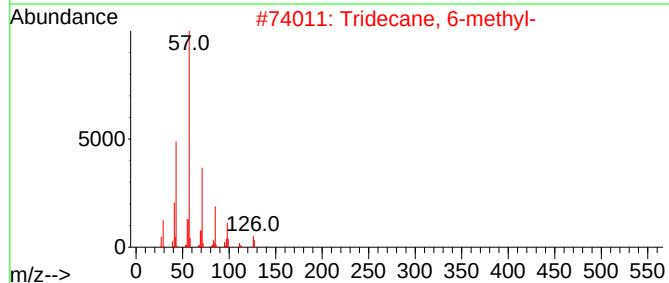
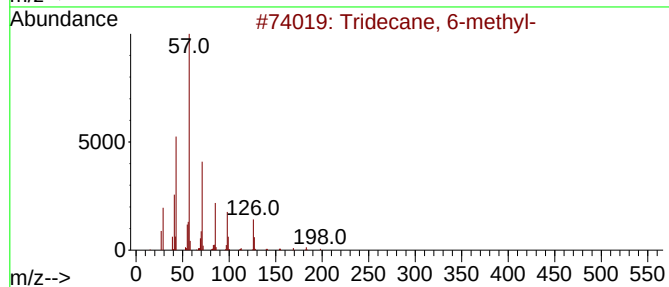
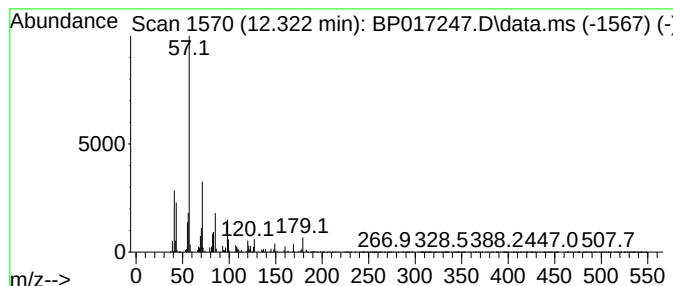
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.322	8.76 ng/ul	968828	Naphthalene-d8	10.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

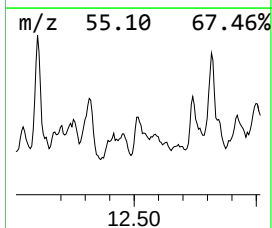
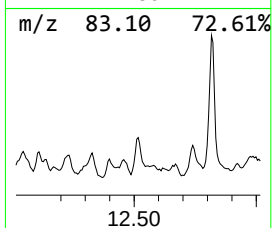
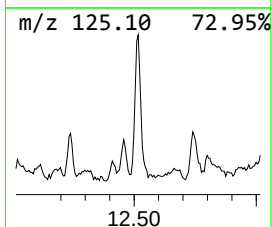
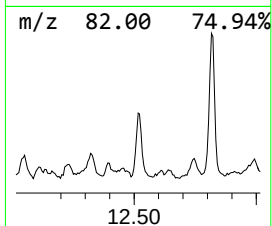
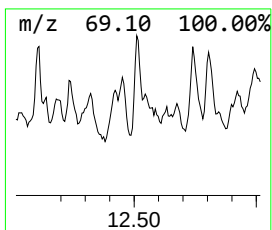
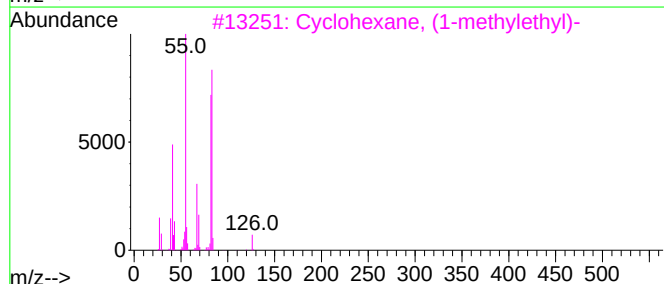
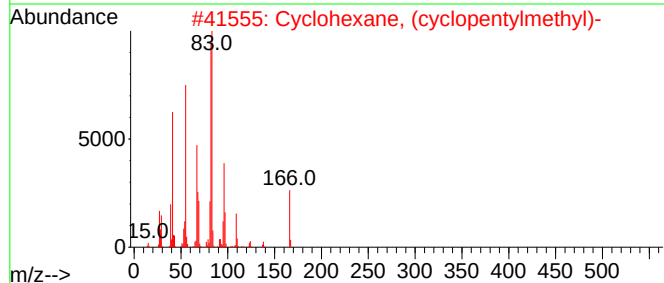
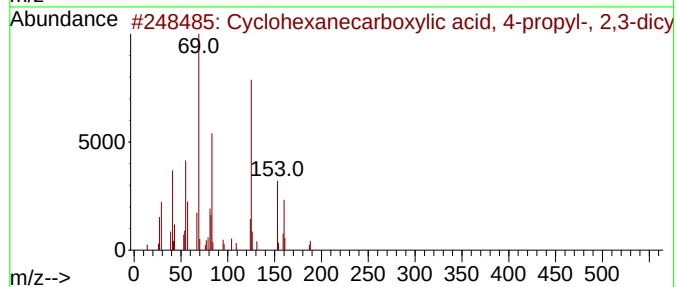
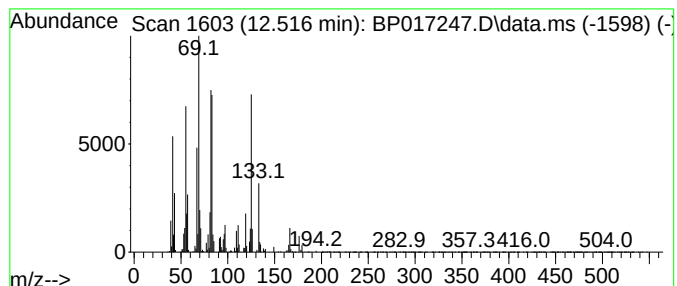
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 unknown-07 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	5.48 ng/ul	606418	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanecarboxylic acid, 4-pr...	340	C20H24N2O3	133856-82-3	43
2			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	41
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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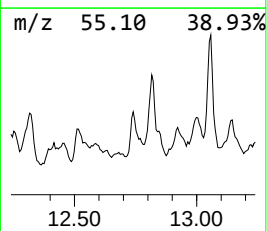
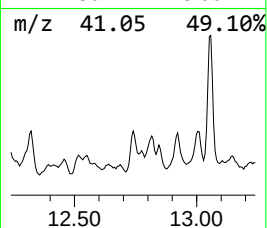
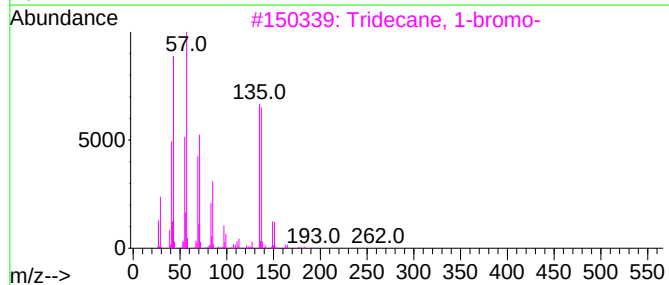
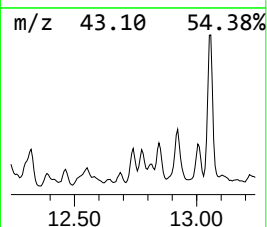
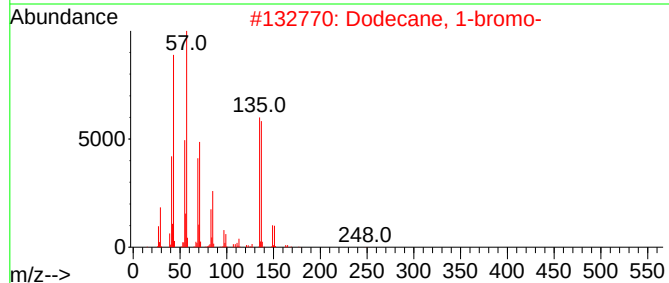
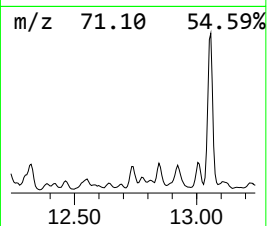
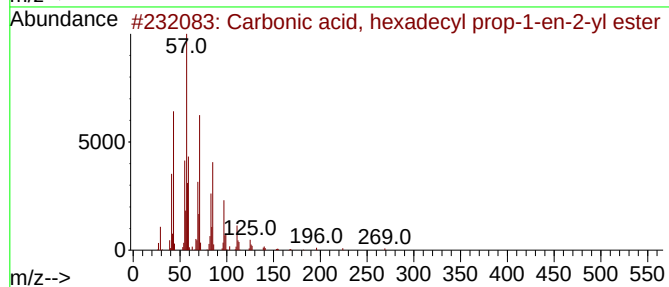
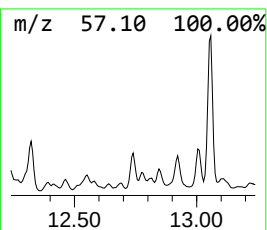
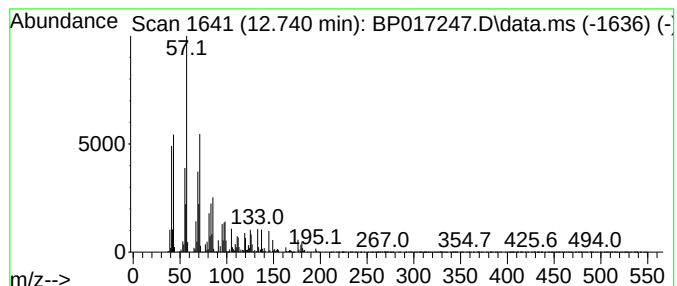
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Carbonic acid, hexadecyl pr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.740	12.40 ng/ul	1301350	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	52
2			Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	47
3			Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	47
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	46
5			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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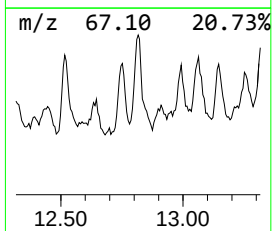
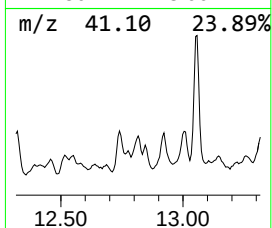
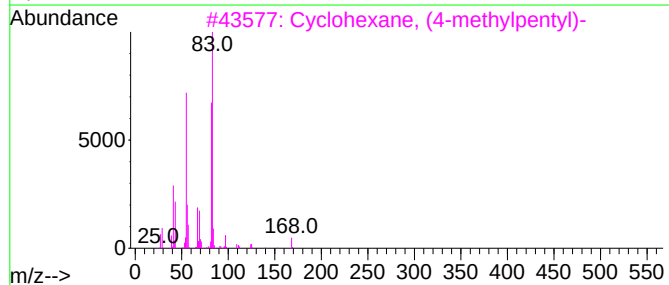
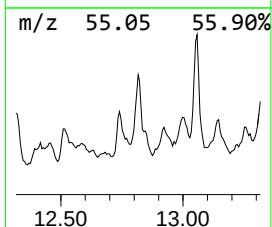
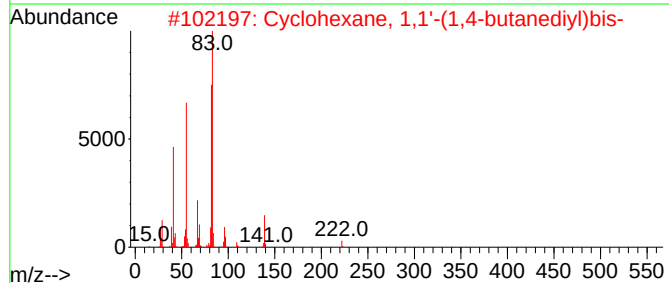
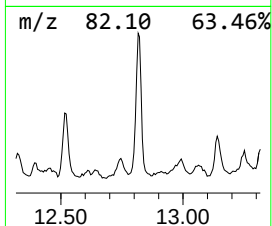
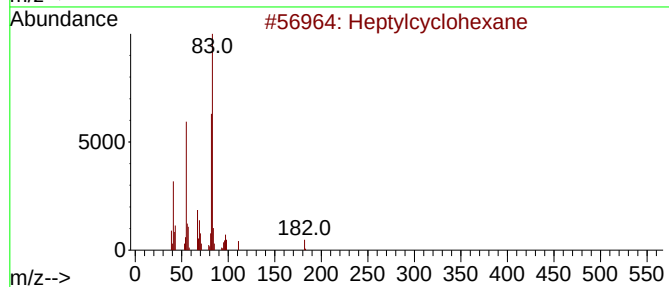
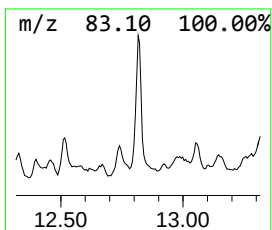
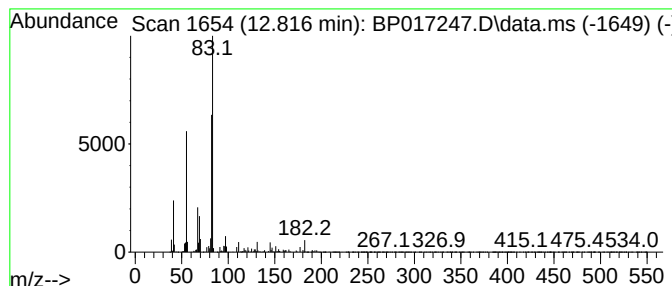
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Cyclic12.816 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	7.91 ng/ul	829978	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	91
2			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	78
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	78
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	78
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

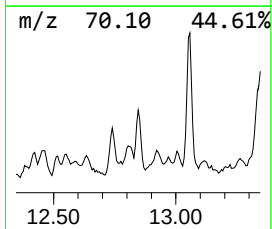
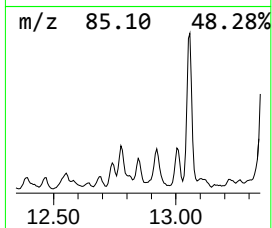
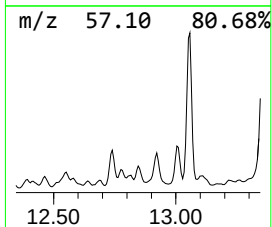
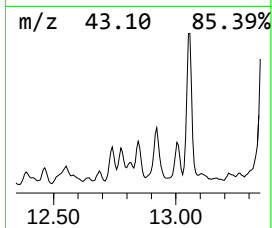
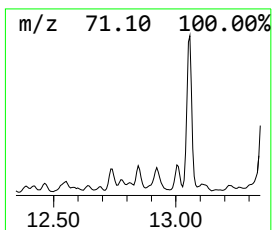
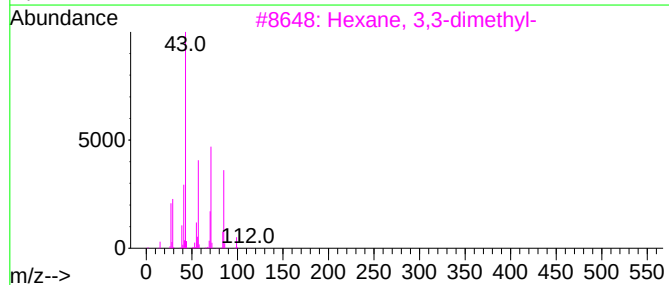
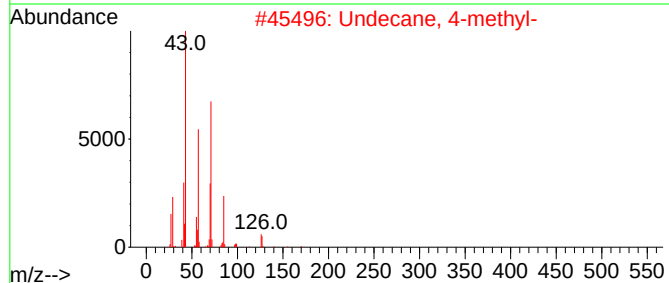
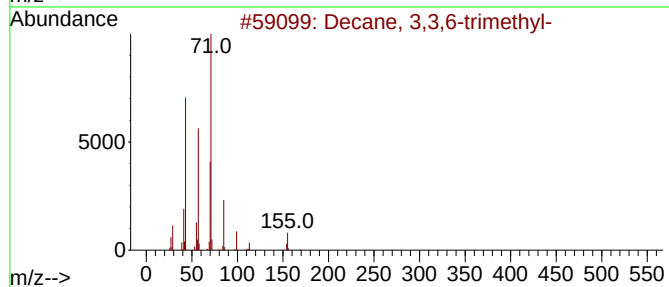
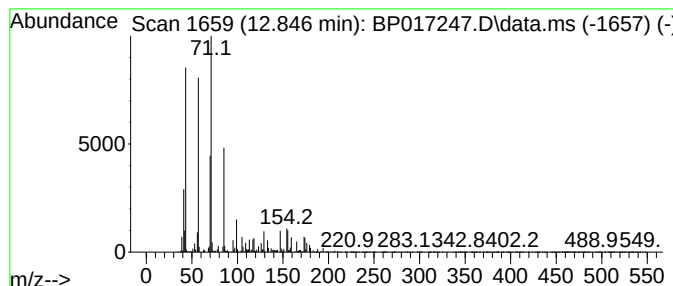
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.846	4.25 ng/ul	446231	Acenaphthene-d10		14.599	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,3,6-trimethyl-		184	C13H28	062338-14-1	59
2	Undecane, 4-methyl-		170	C12H26	002980-69-0	53
3	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	53
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	50
5	Tridecane, 4-methyl-		198	C14H30	026730-12-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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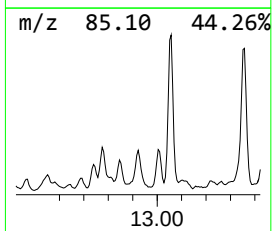
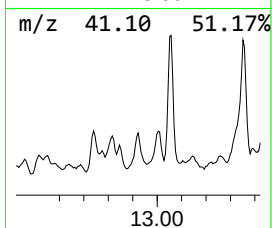
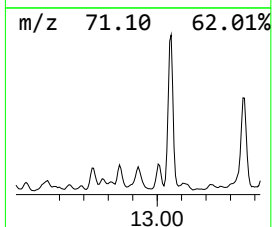
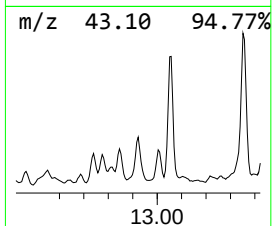
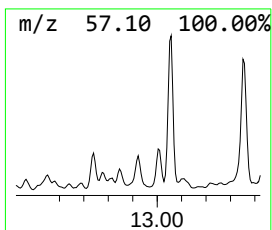
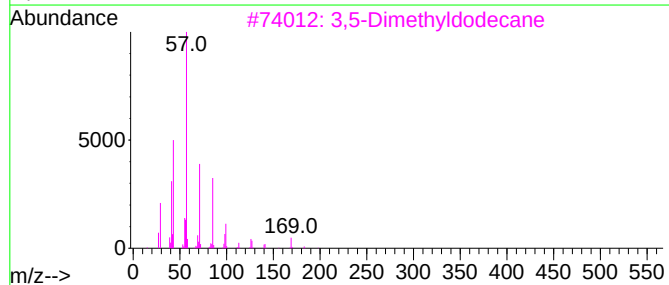
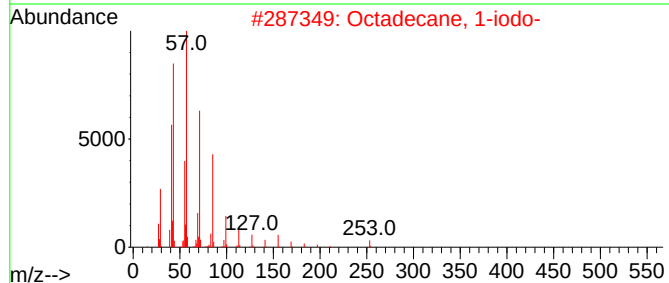
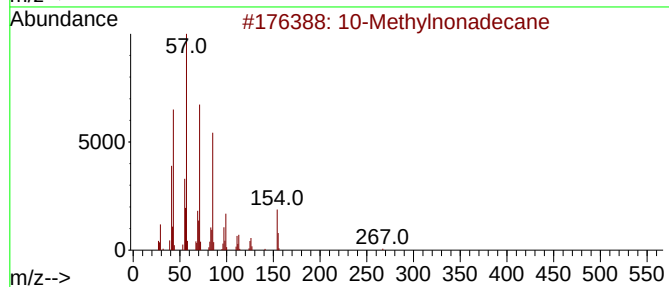
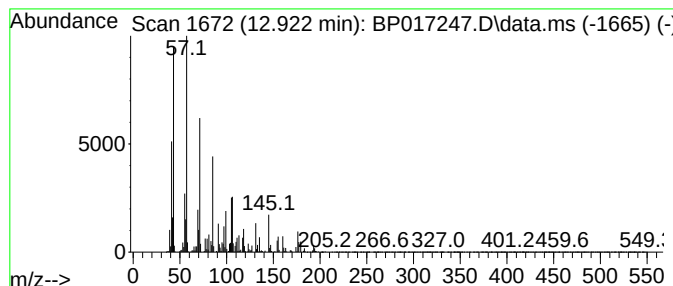
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	11.15 ng/ul	1169810	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	46
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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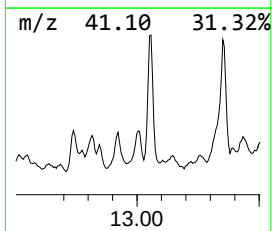
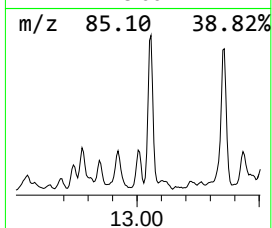
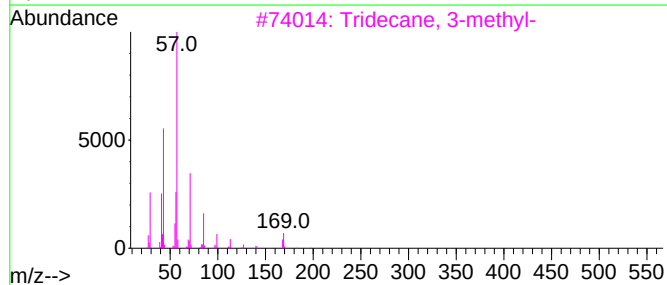
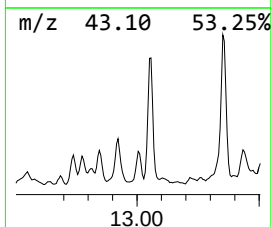
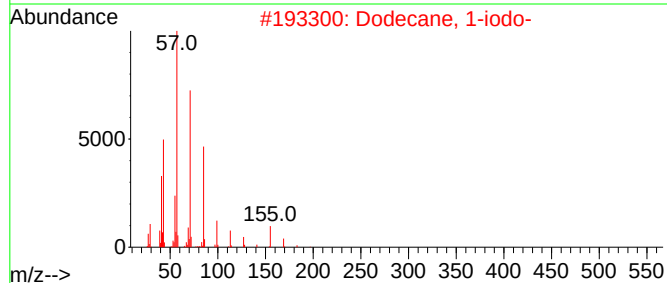
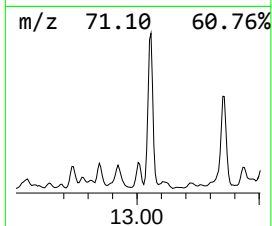
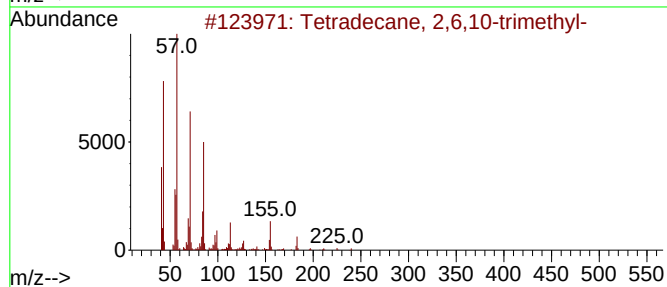
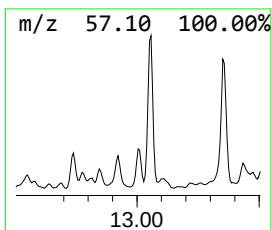
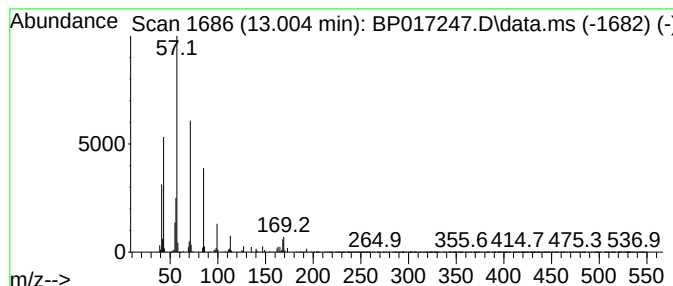
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	6.85 ng/ul	719033	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
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Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

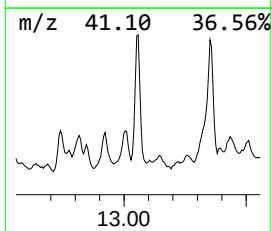
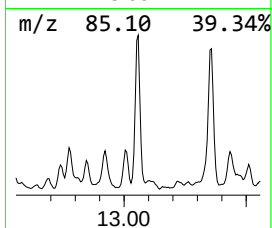
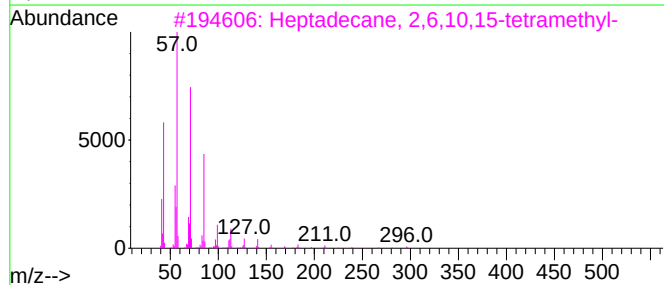
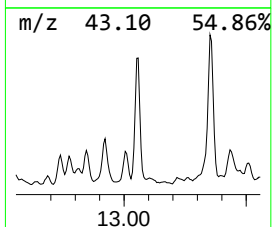
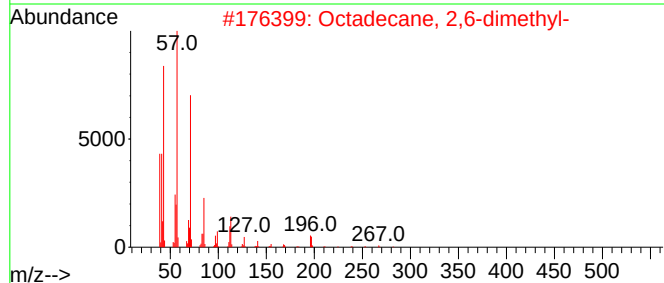
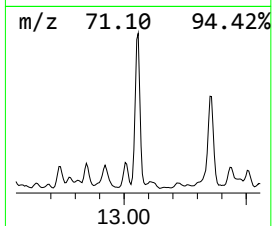
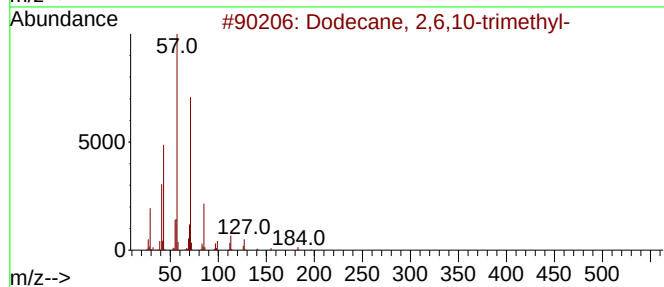
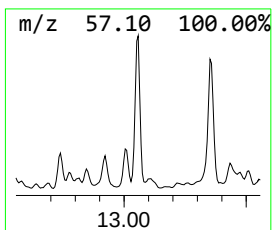
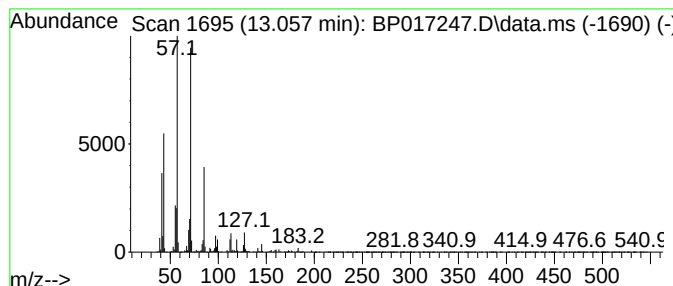
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.057	26.36 ng/ul	2766170	Acenaphthene-d10		14.599	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	80
2	Octadecane, 2,6-dimethyl-		282	C20H42	075163-97-2	80
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	78
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	72
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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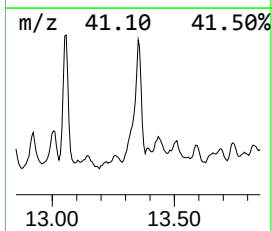
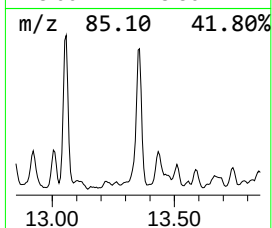
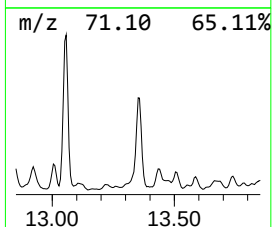
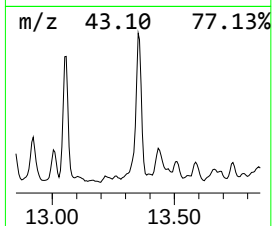
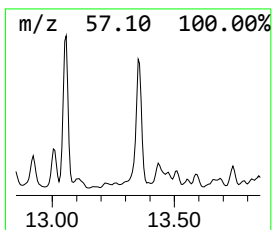
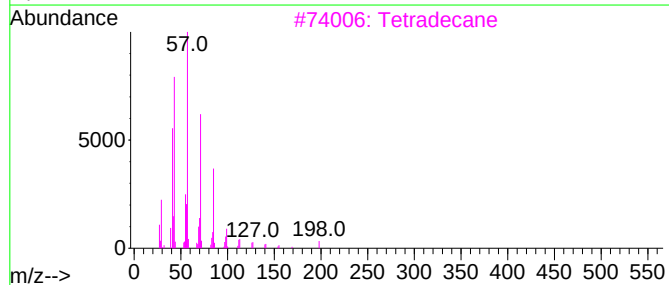
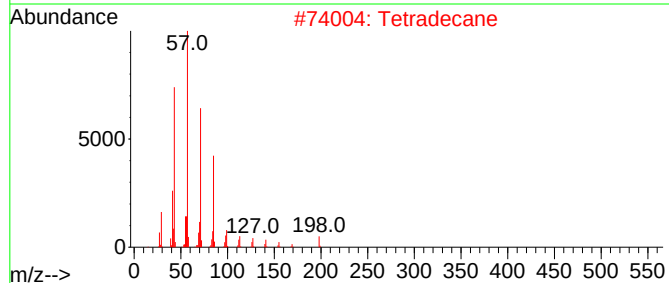
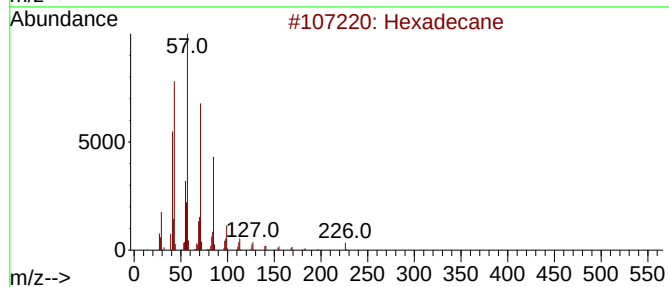
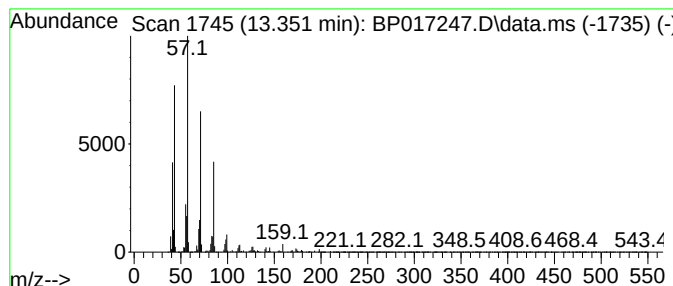
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.352	35.33 ng/ul	3707570	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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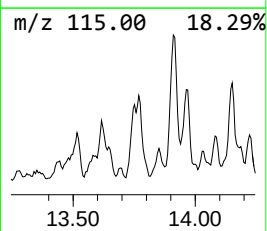
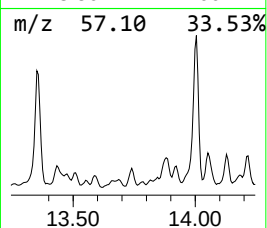
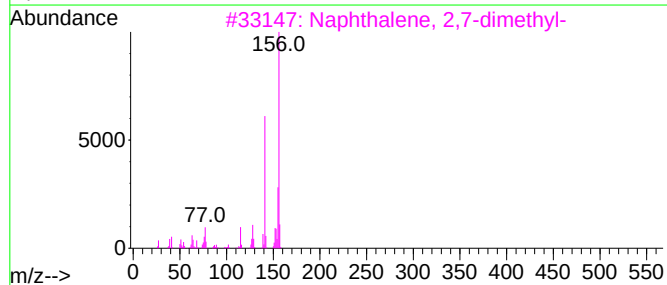
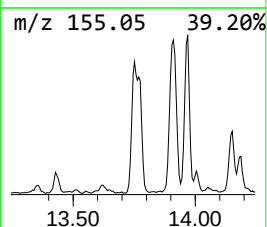
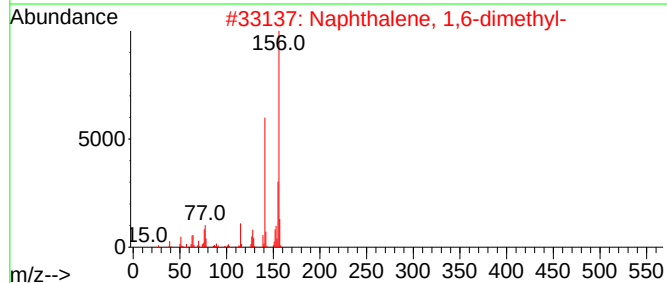
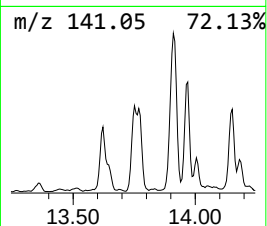
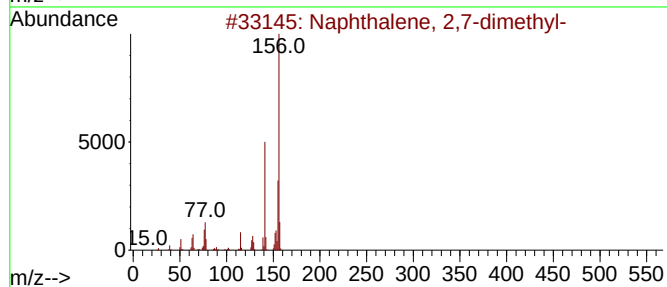
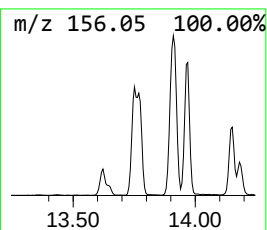
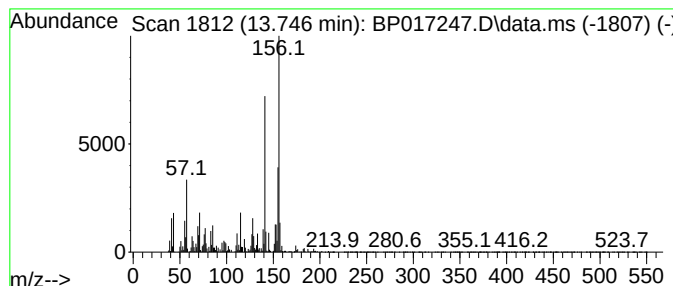
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.746	12.13 ng/ul	1272920	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

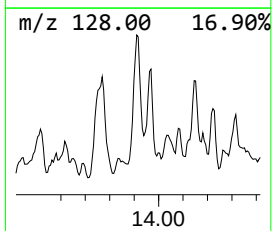
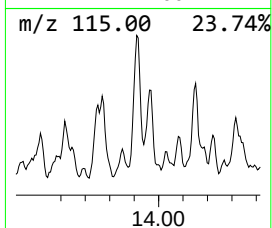
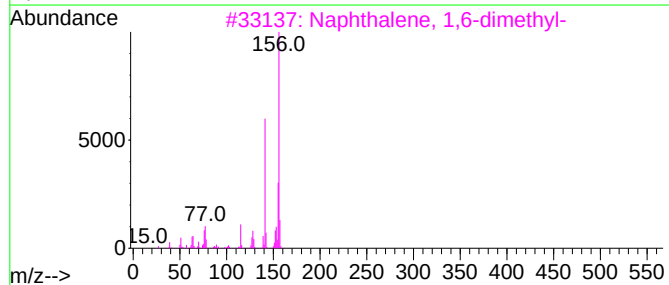
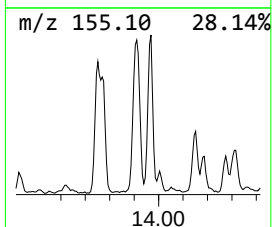
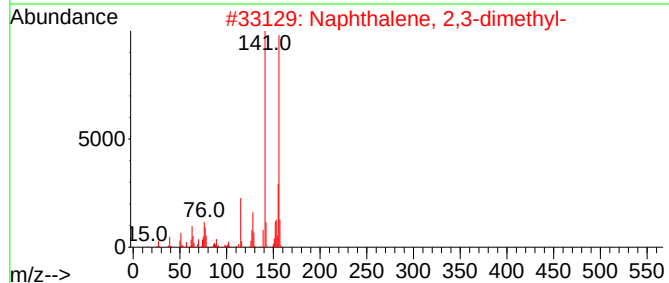
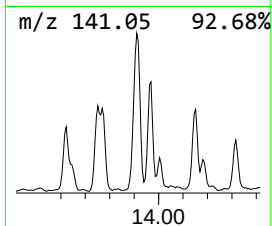
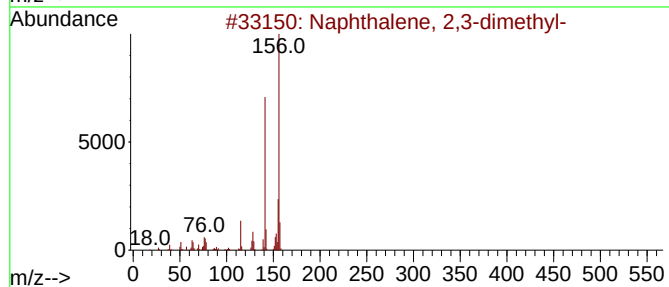
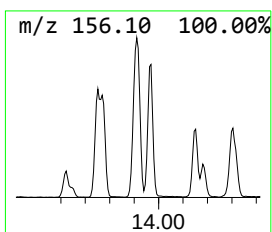
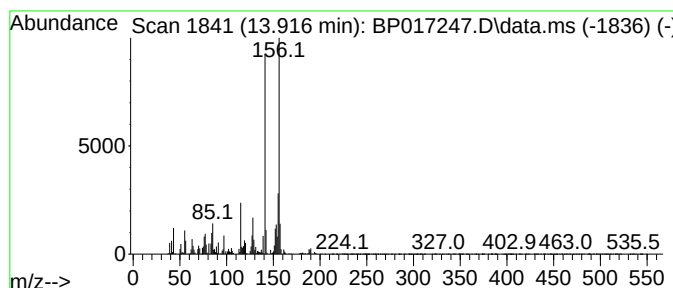
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.916	12.95 ng/ul	1358980	Acenaphthene-d10	14.599	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

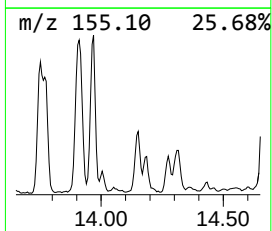
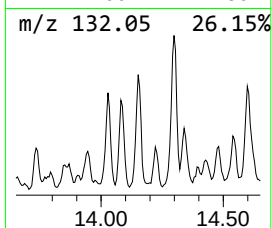
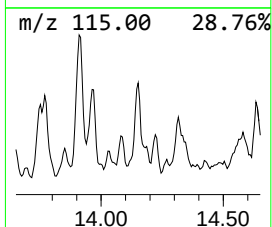
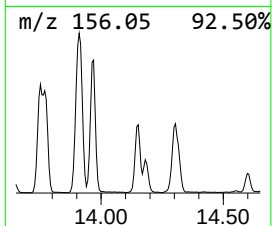
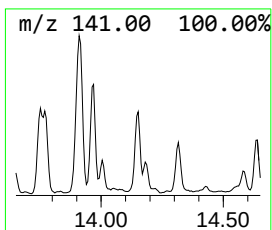
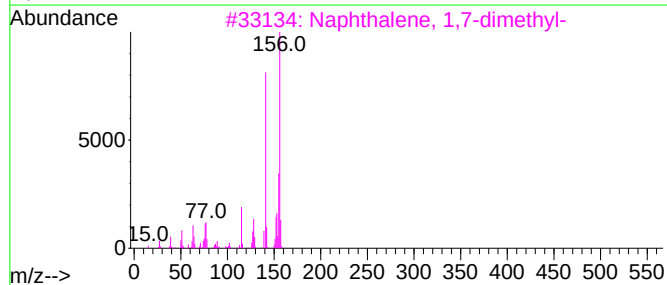
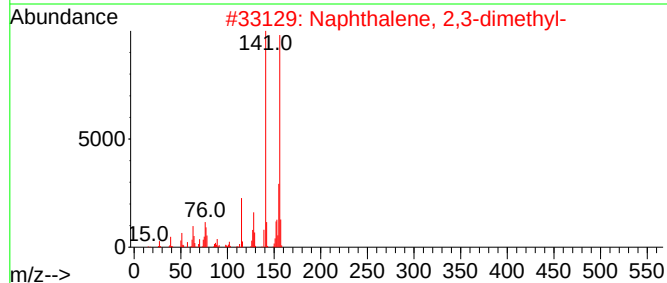
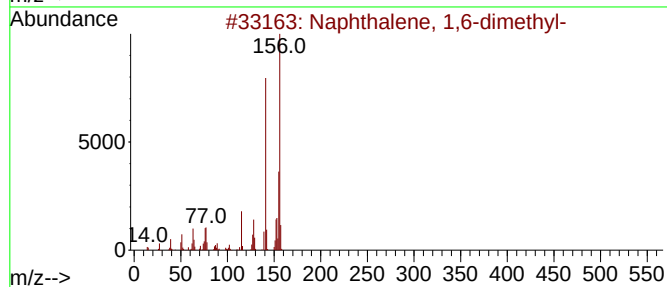
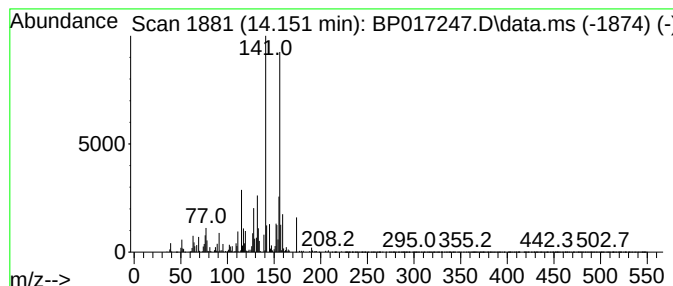
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	11.23 ng/ul	1178500	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

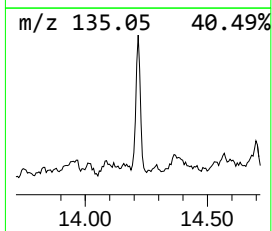
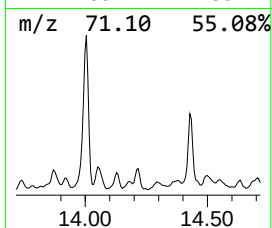
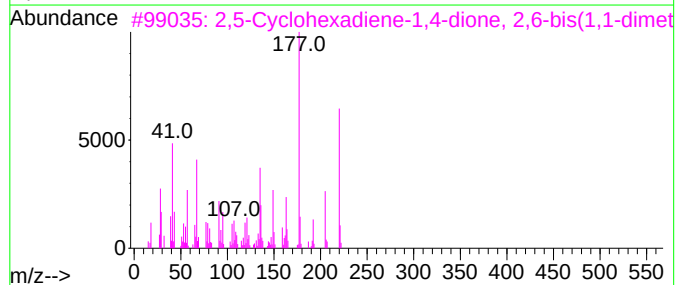
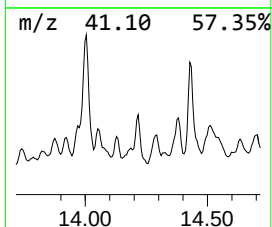
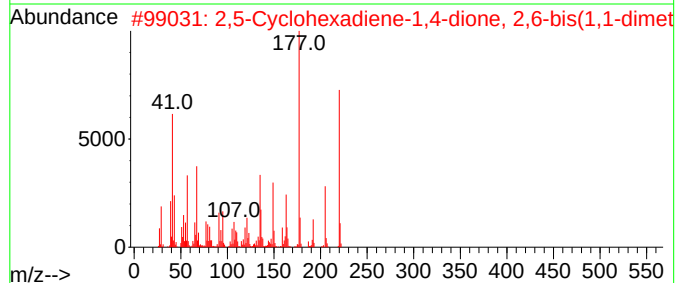
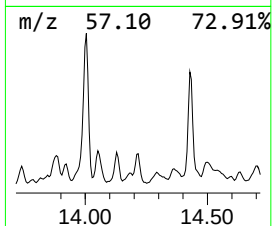
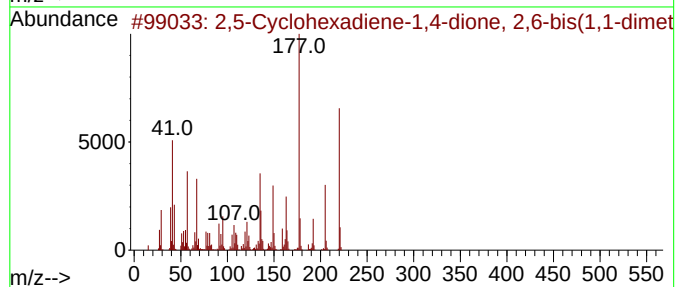
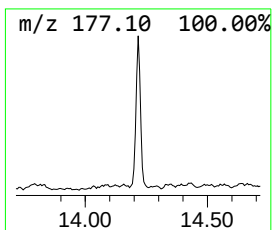
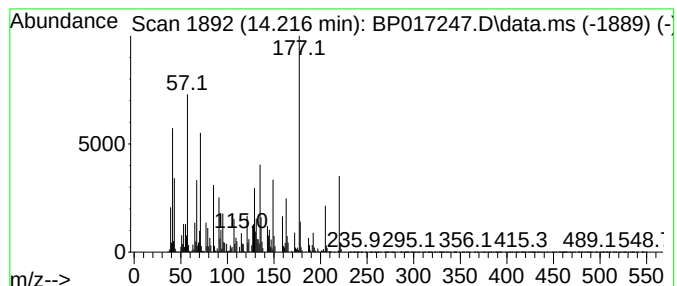
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	15.62 ng/ul	1638830	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	98		
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	97		
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	97		
4	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	96		
5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

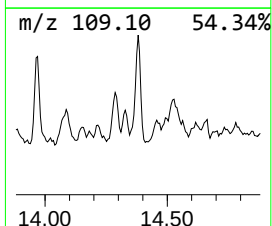
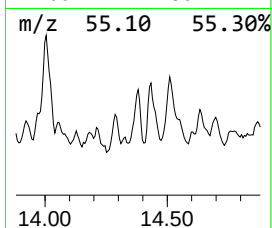
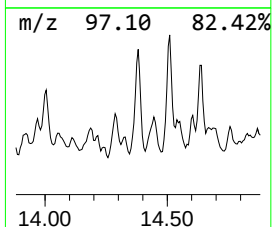
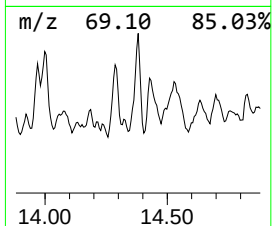
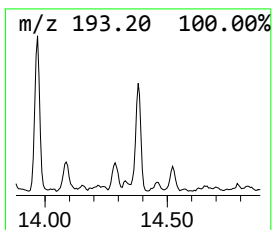
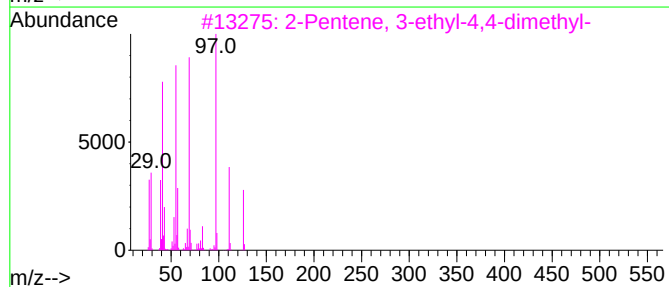
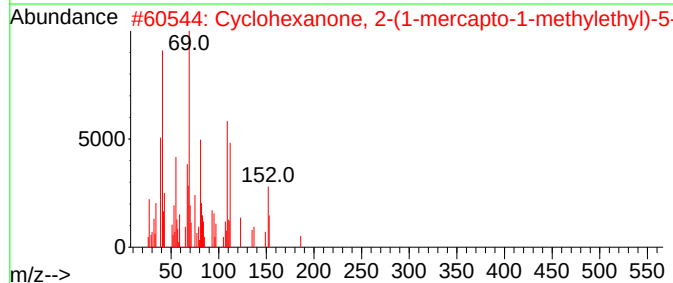
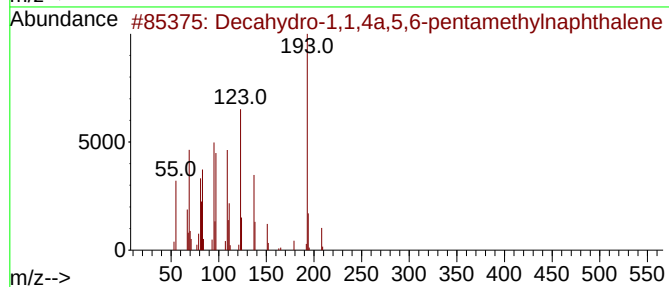
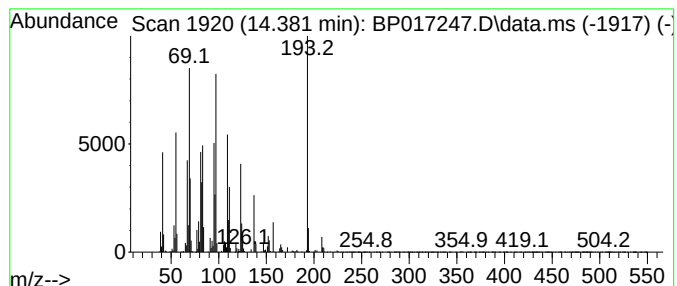
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 unknown-08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.381	11.08 ng/ul	1163200	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	30
2			Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	033281-91-3	22
3			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	16
4			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	14
5			Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

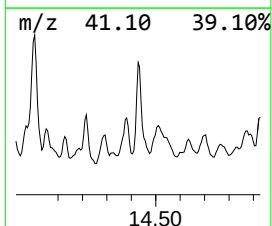
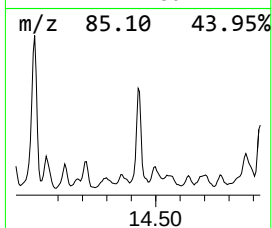
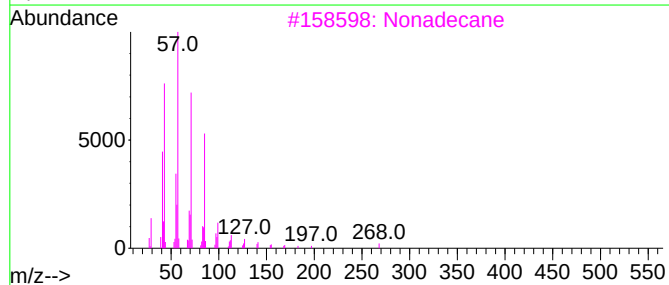
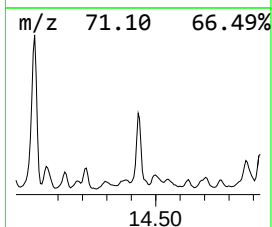
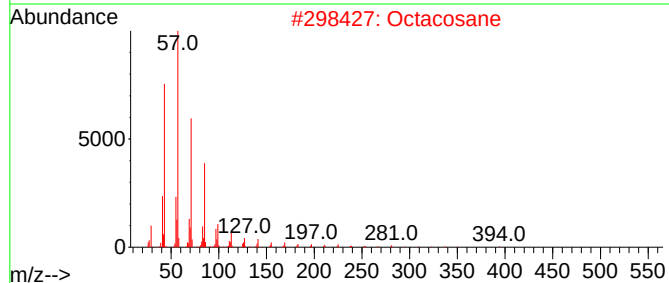
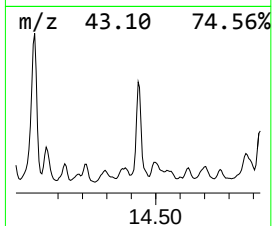
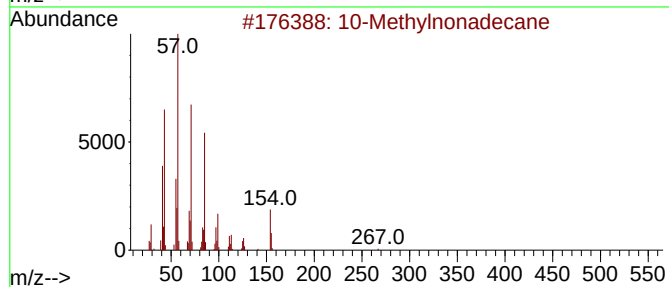
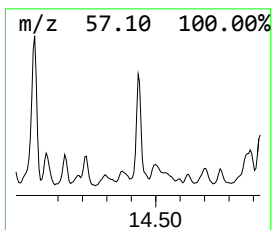
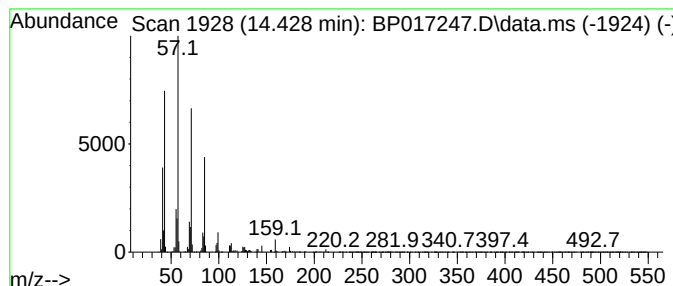
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.428	21.80 ng/ul	2287120	Acenaphthene-d10		14.599	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	10-Methylnonadecane		282	C20H42	056862-62-5	91
2	Octacosane		394	C28H58	000630-02-4	86
3	Nonadecane		268	C19H40	000629-92-5	86
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
5	Pentadecane		212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

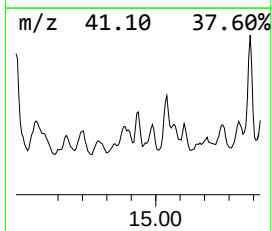
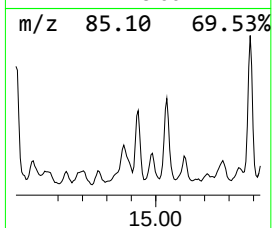
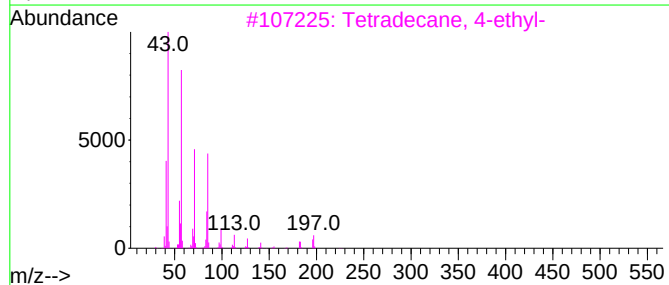
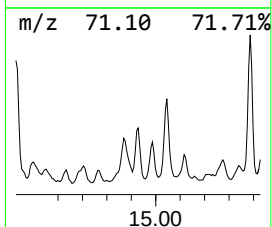
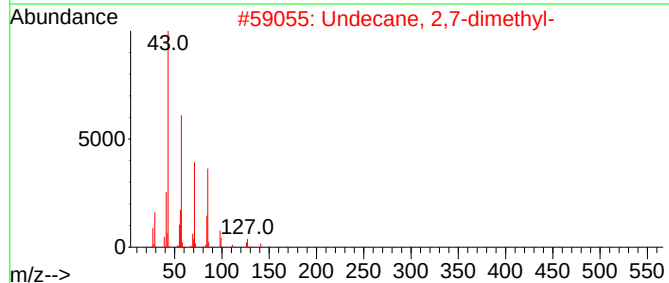
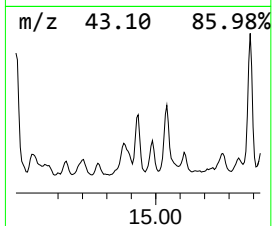
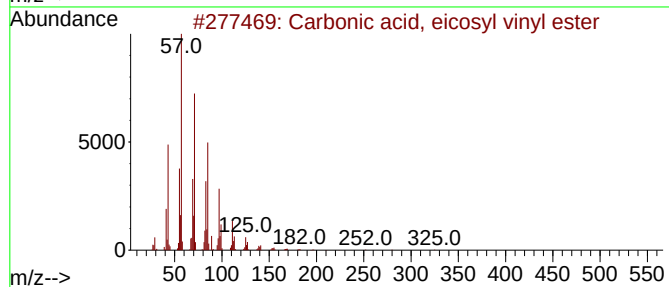
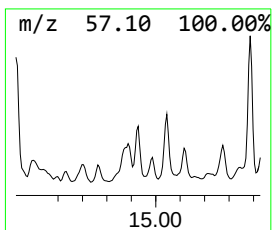
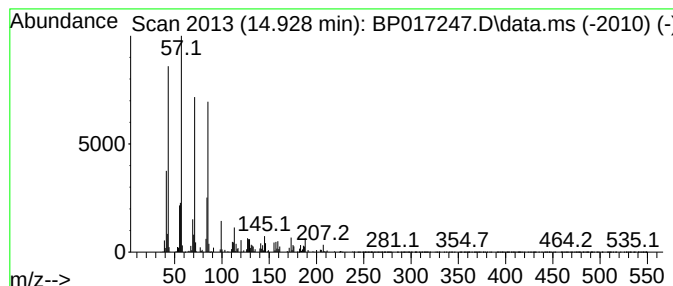
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Carbonic acid, eicosyl vinyl... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.928	6.27 ng/ul	658352	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	80
3			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	74
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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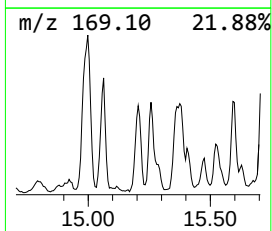
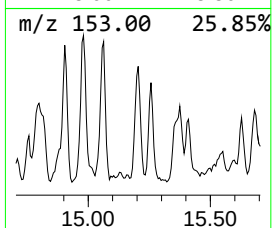
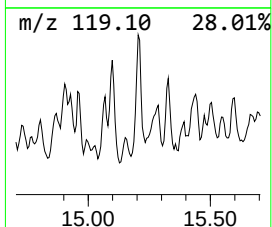
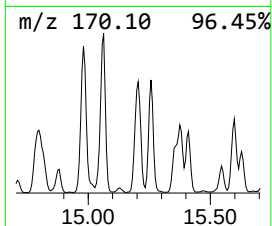
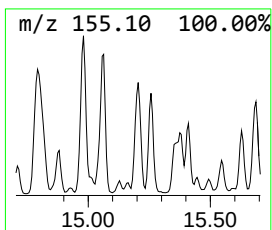
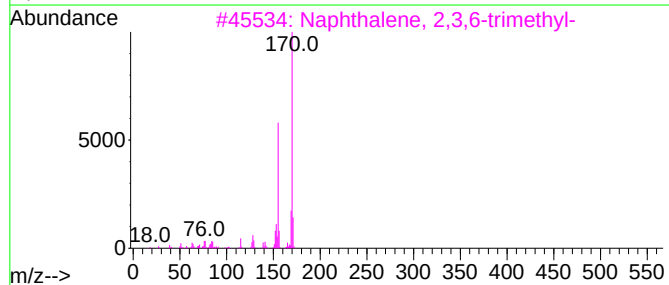
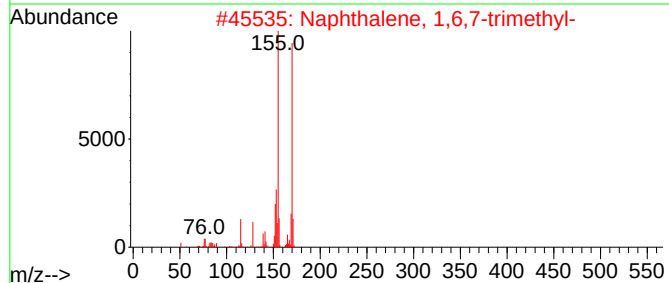
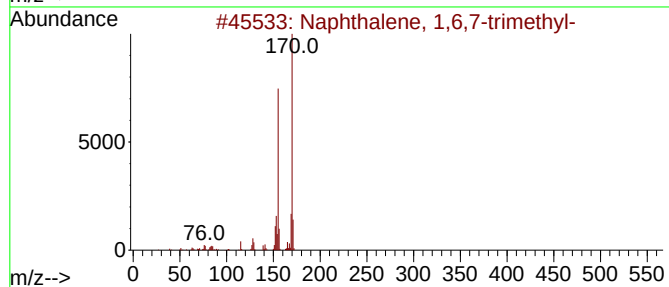
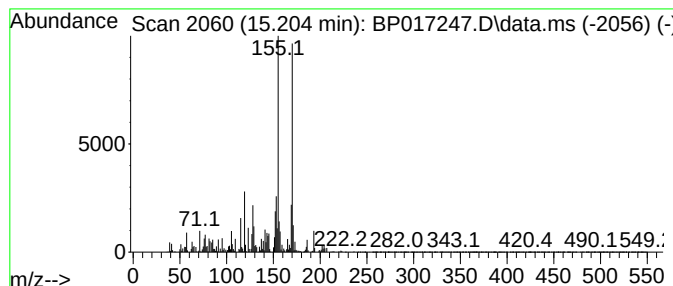
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Naphthalene, 1,6,7-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	10.52 ng/ul	1104110	Acenaphthene-d10	14.599

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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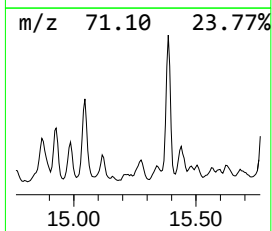
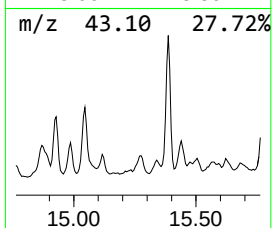
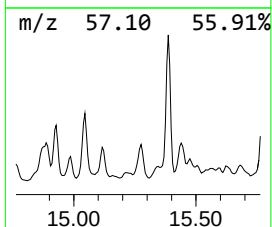
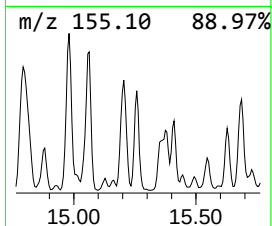
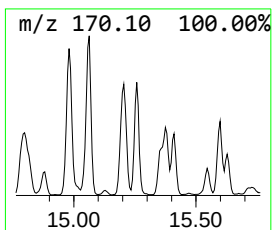
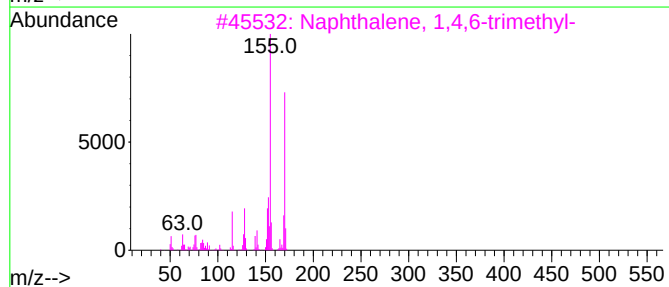
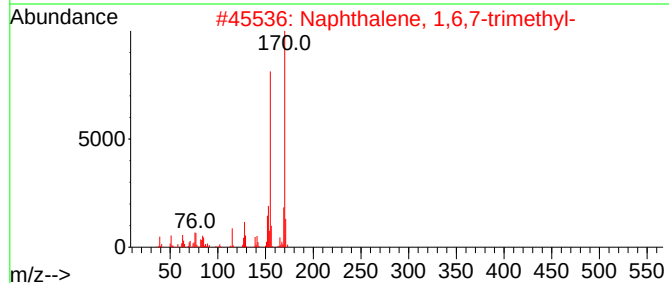
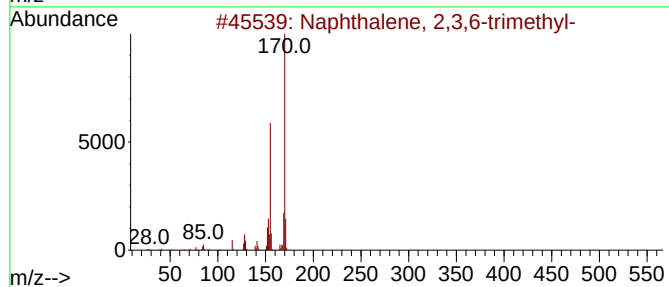
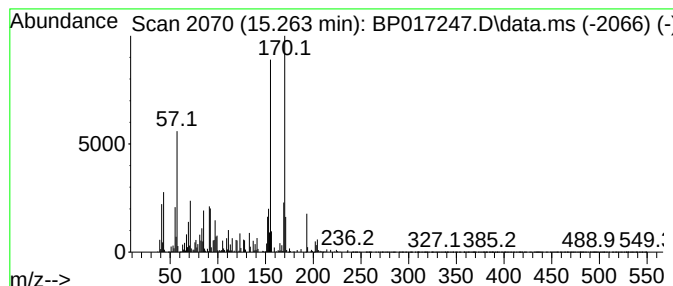
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.263	14.57 ng/ul	1529280	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
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Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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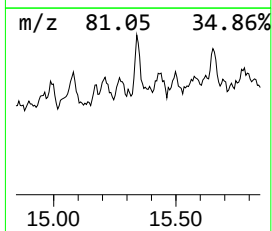
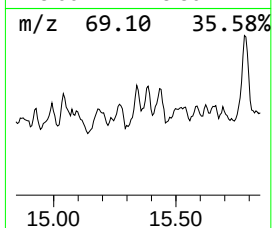
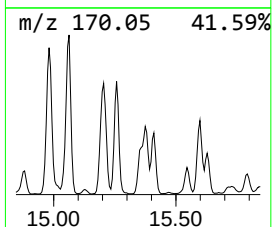
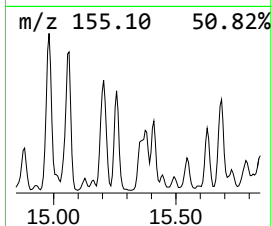
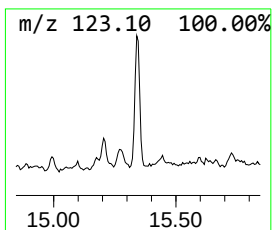
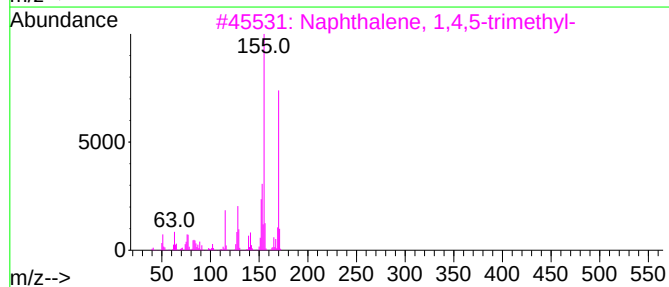
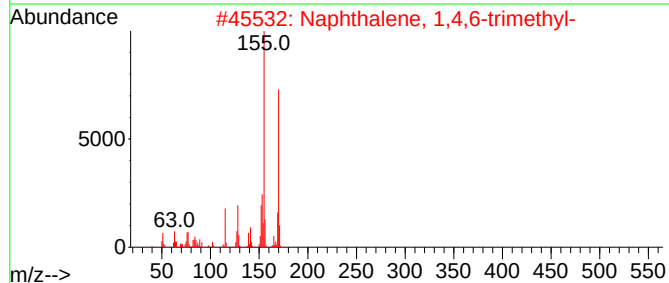
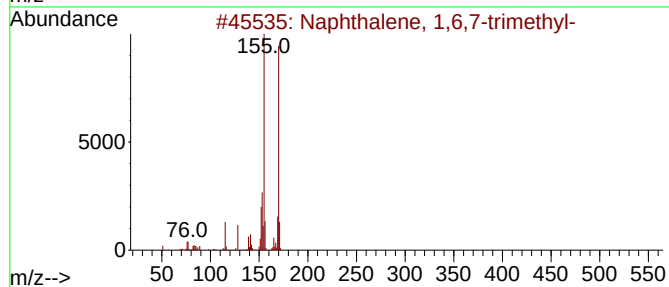
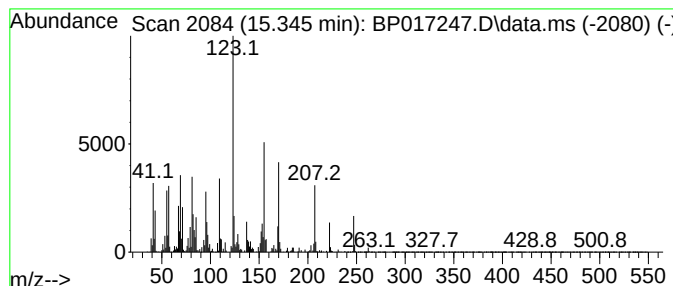
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 Naphthalene, 1,4,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	8.54 ng/ul	895714	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	35
4			2'-Fluoropropiophenone	152	C9H9FO	000446-22-0	30
5			4-Fluorobenzoic acid, 4-methoxy-...	240	C13H17FO3	1000355-67-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
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Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

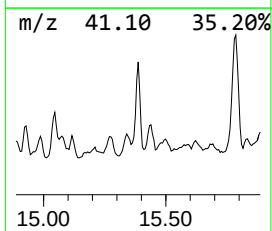
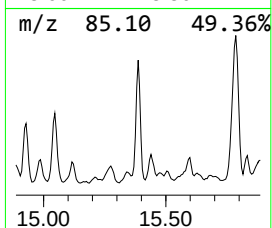
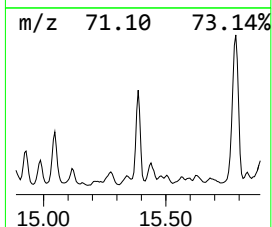
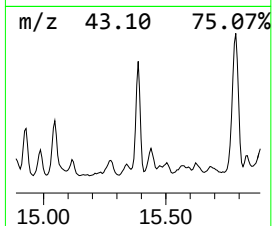
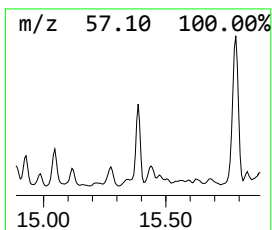
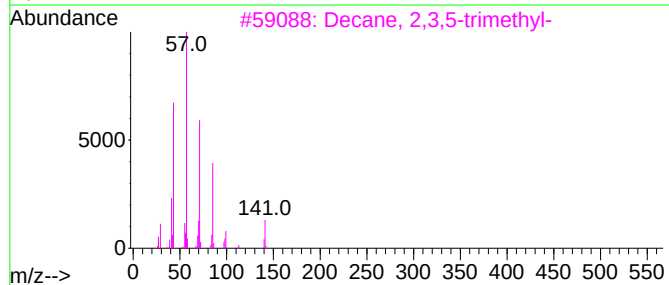
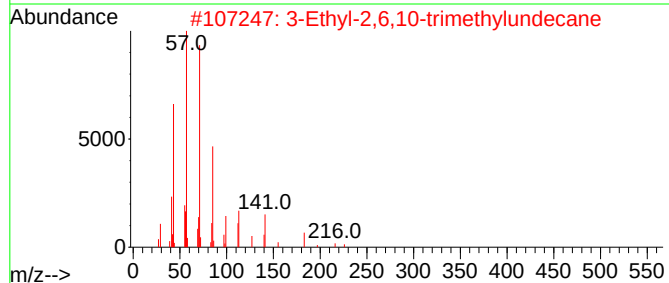
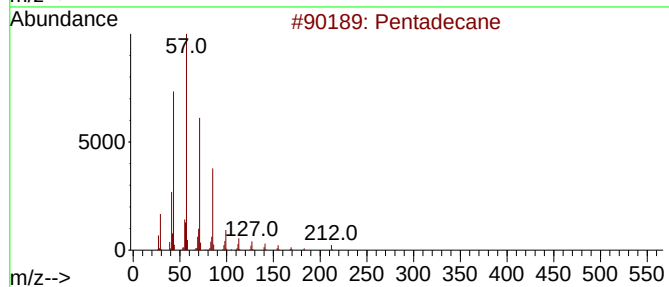
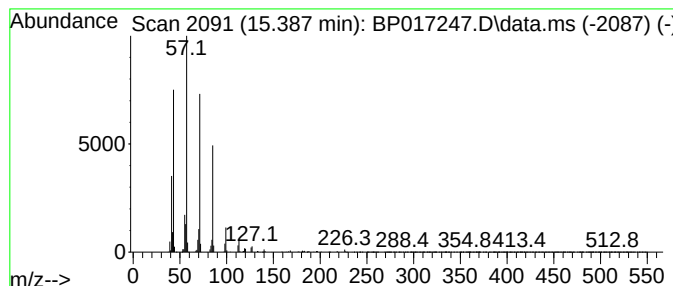
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.387	17.35 ng/ul	1821160	Acenaphthene-d10	14.599	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
5	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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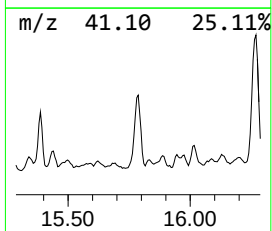
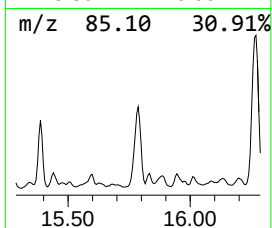
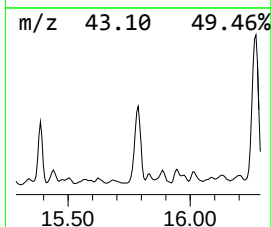
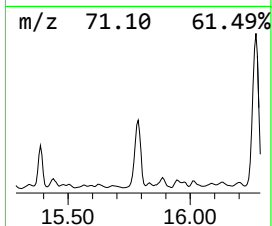
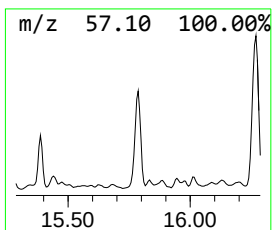
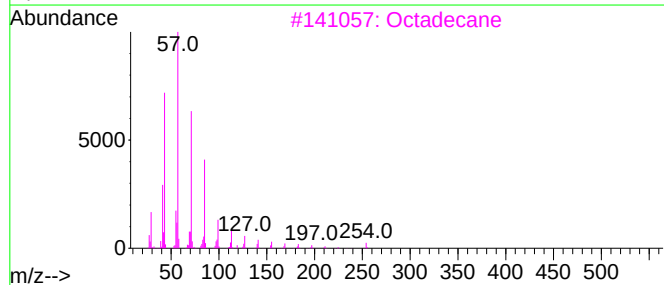
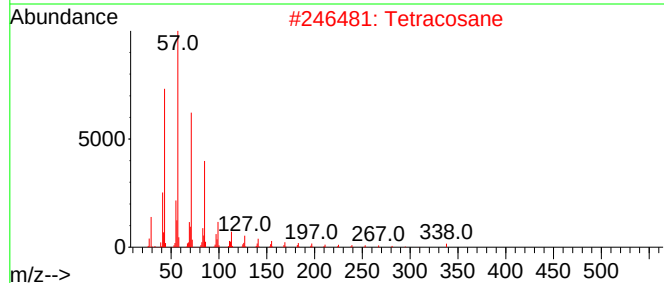
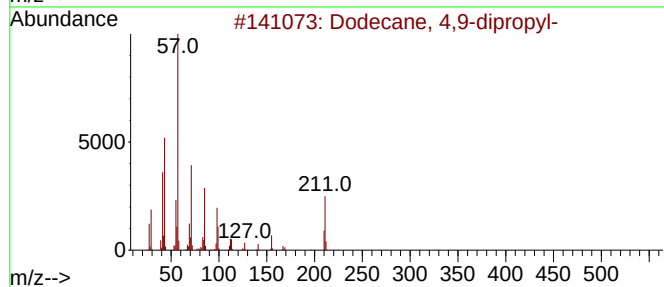
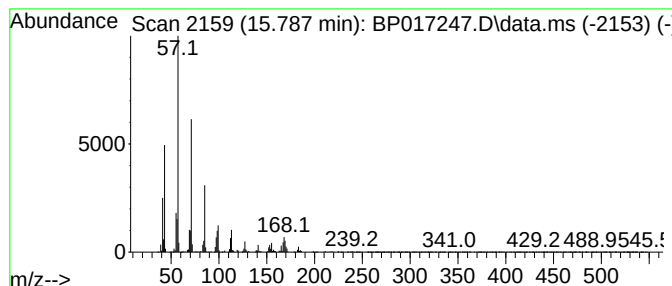
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.787	49.94 ng/ul	5240680	Acenaphthene-d10	14.599

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	74
2		Tetracosane	338	C24H50	000646-31-1	74
3		Octadecane	254	C18H38	000593-45-3	72
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
5		Hexadecane	226	C16H34	000544-76-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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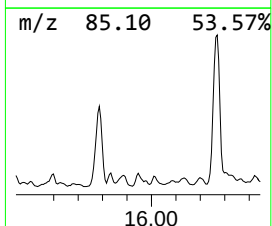
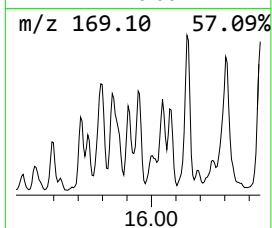
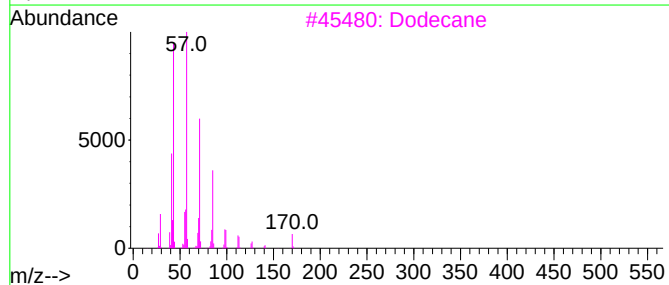
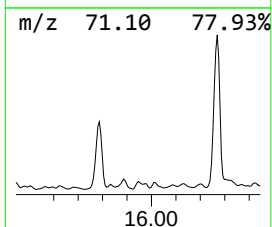
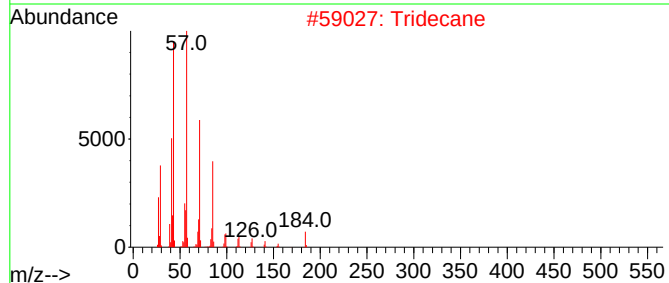
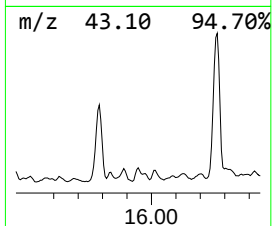
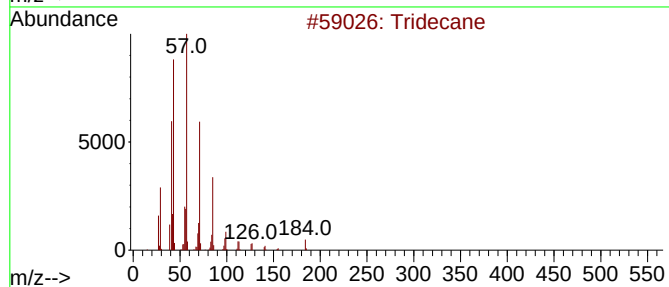
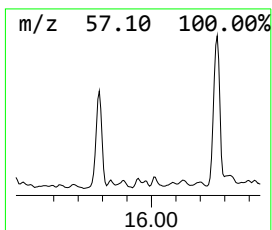
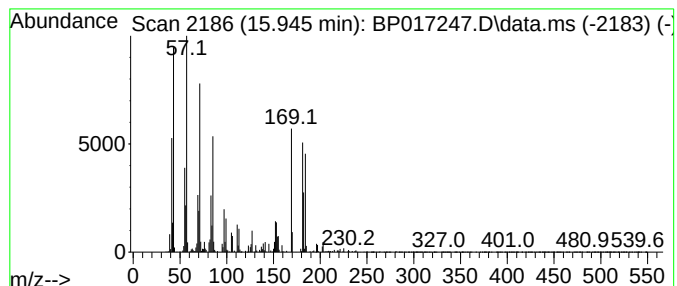
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	5.61 ng/ul	588657	Acenaphthene-d10	14.599

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Tridecane	184	C13H28	000629-50-5	64
3			Dodecane	170	C12H26	000112-40-3	55
4			Tridecane	184	C13H28	000629-50-5	50
5			Decane, 3-methyl-	156	C11H24	013151-34-3	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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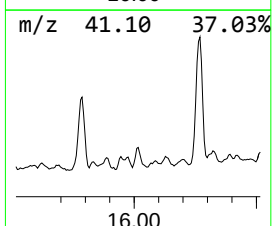
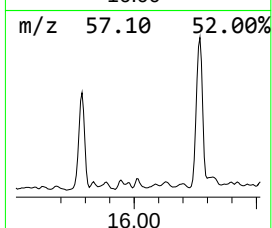
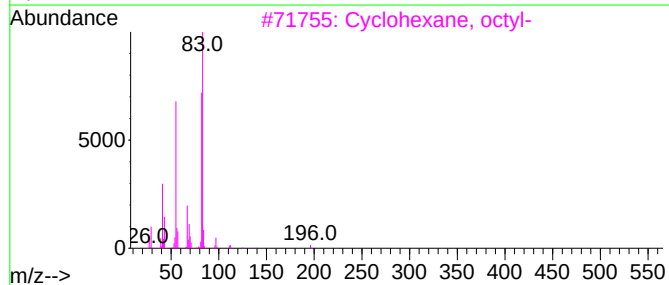
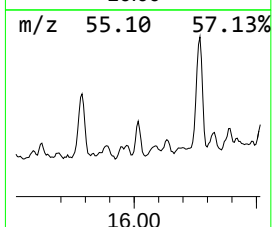
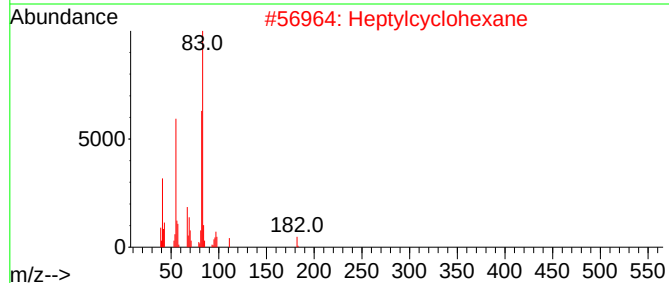
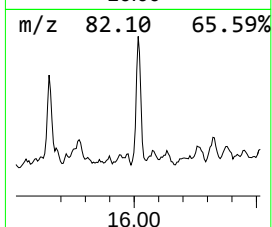
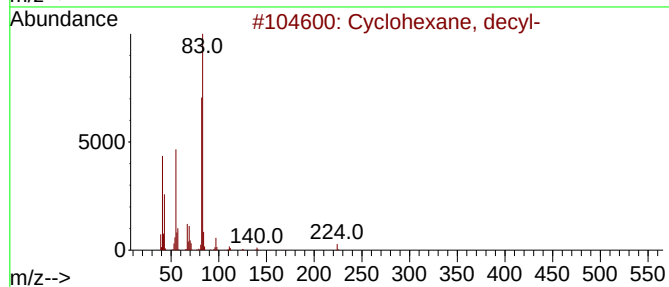
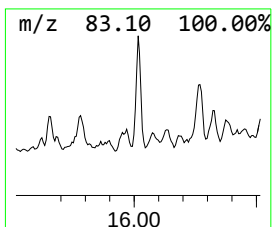
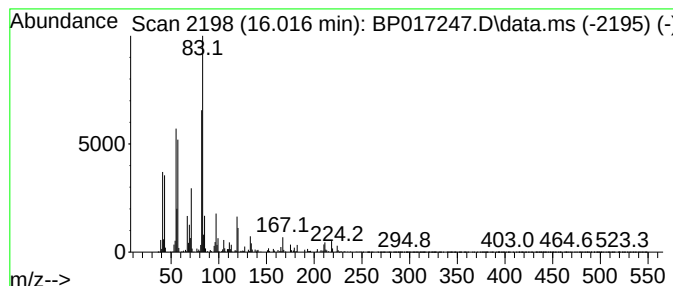
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Cyclic16.016 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.016	6.92 ng/ul	929477	Phenanthrene-d10	17.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, decyl-	224	C16H32	001795-16-0	64
2			Heptylcyclohexane	182	C13H26	005617-41-4	64
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4			Cyclohexane, decyl-	224	C16H32	001795-16-0	52
5			Heptylcyclohexane	182	C13H26	005617-41-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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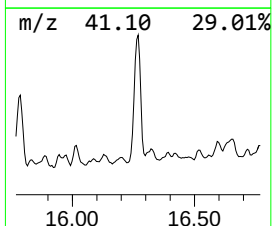
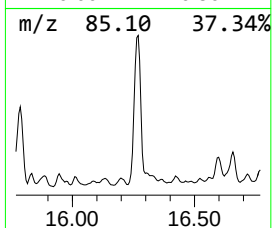
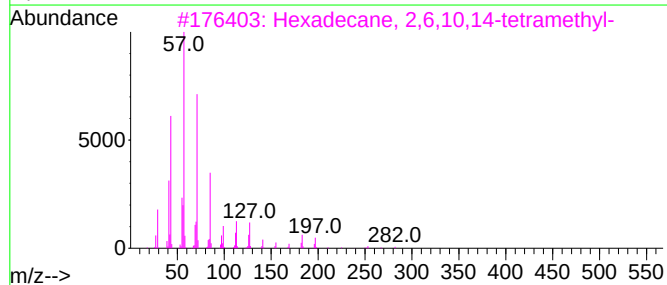
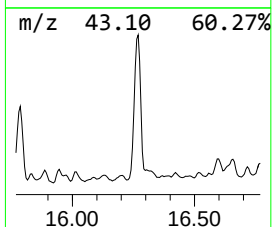
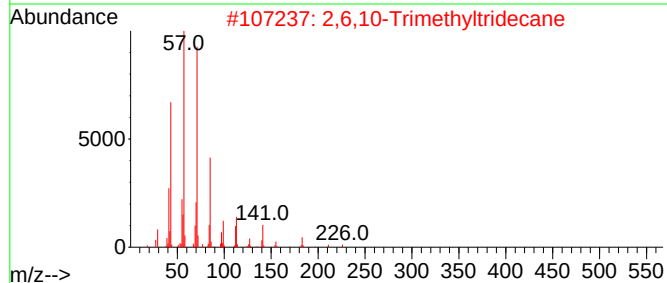
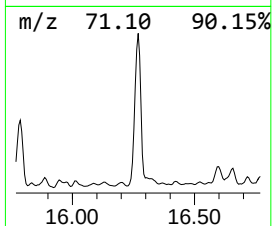
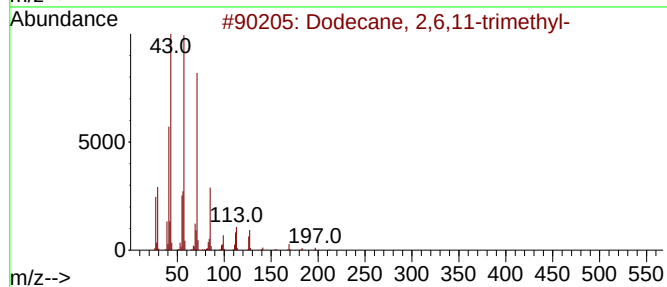
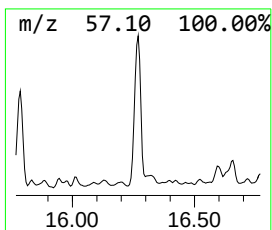
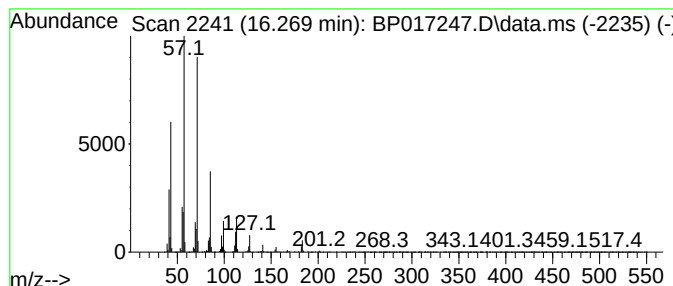
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	66.41 ng/ul	8921960	Phenanthrene-d10	17.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5			Decane, 5-propyl-	184	C13H28	017312-62-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

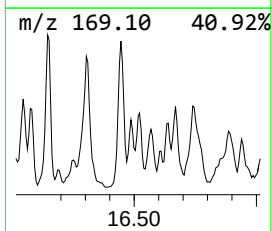
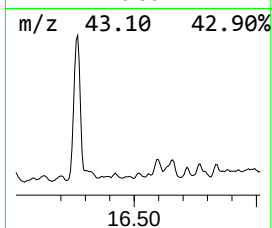
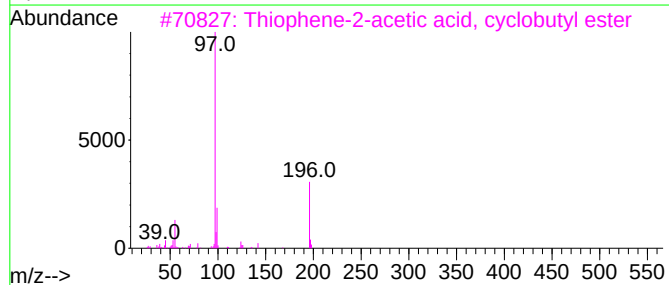
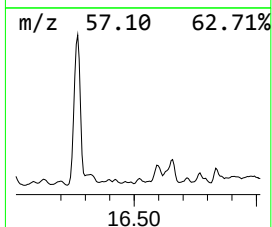
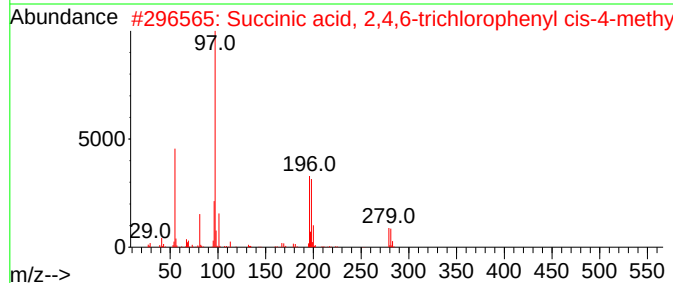
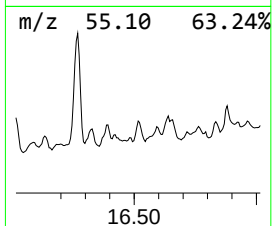
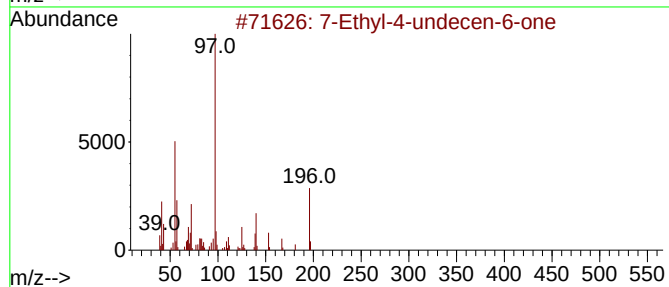
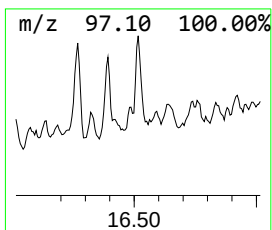
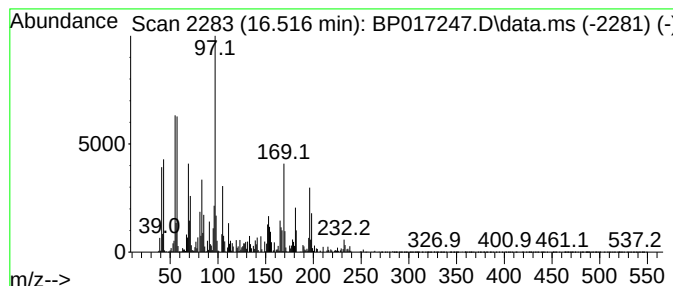
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 unknown-09 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.516	4.26 ng/ul	572655	Phenanthrene-d10	17.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Ethyl-4-undecen-6-one	196	C13H24O	1000374-07-4	43
2			Succinic acid, 2,4,6-trichloroph...	392	C17H19Cl3O4	1000390-06-1	43
3			Thiophene-2-acetic acid, cyclobu...	196	C10H12O2S	1000282-82-2	38
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	35
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

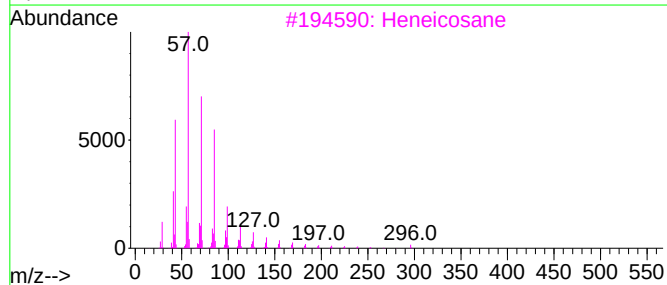
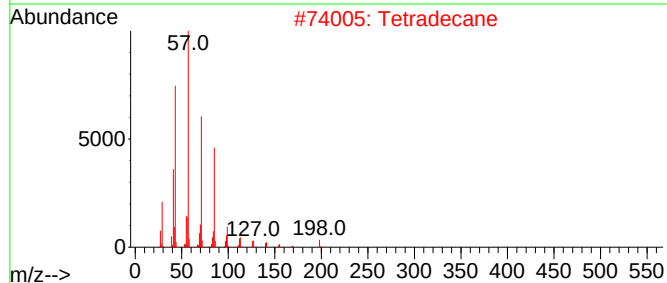
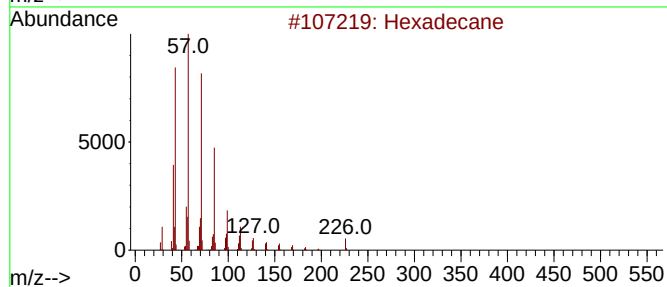
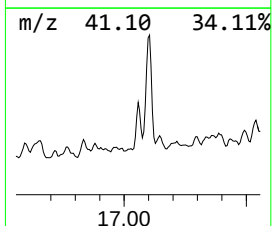
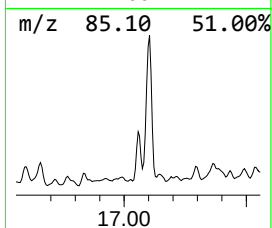
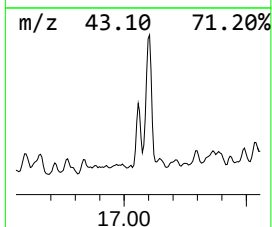
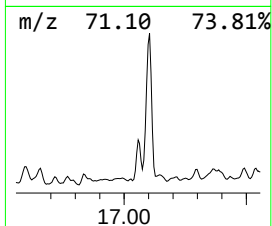
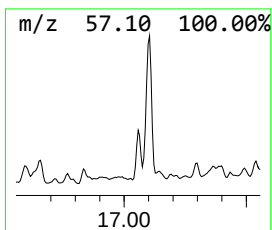
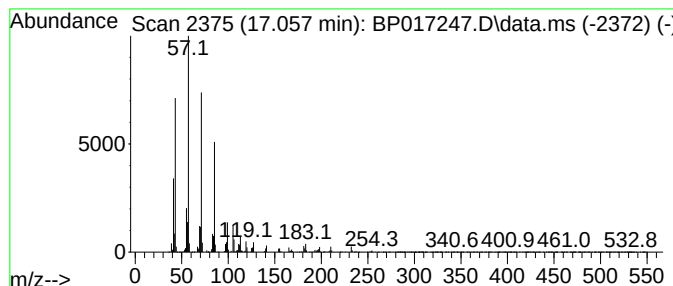
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.057	15.71 ng/ul	2110860	Phenanthrene-d10	17.375	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

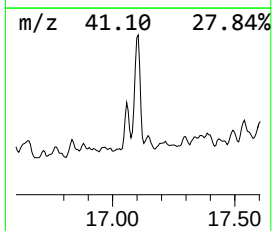
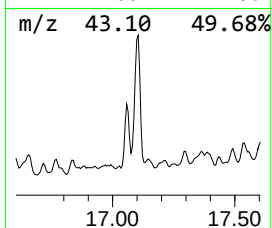
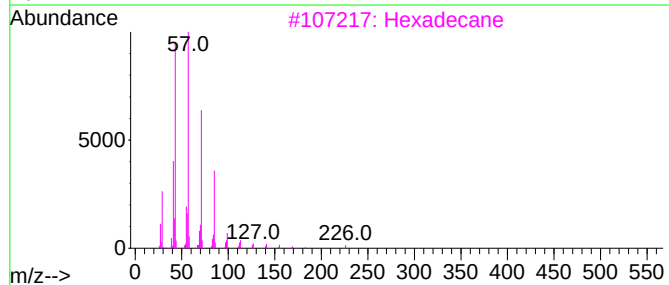
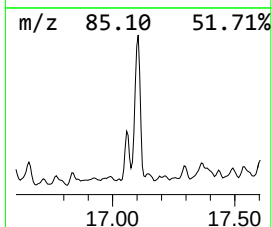
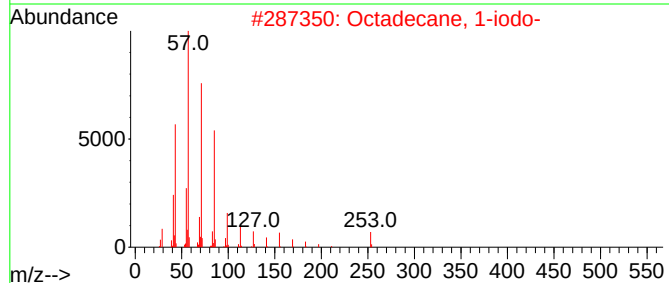
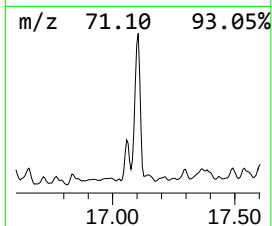
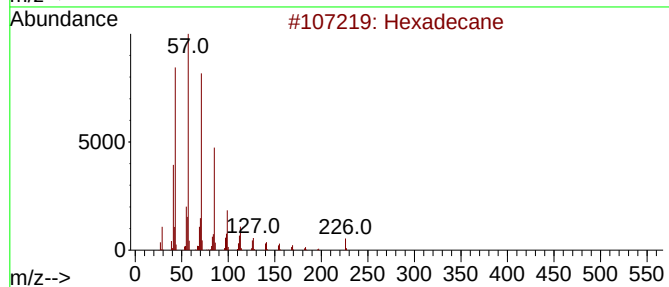
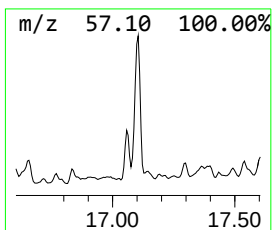
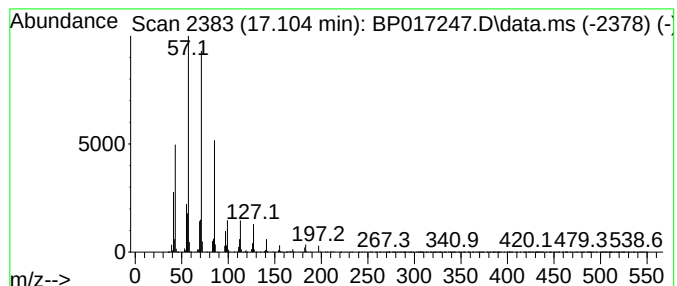
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.104	53.46 ng/ul	7182180	Phenanthrene-d10		17.375	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	90
3	Hexadecane		226	C16H34	000544-76-3	87
4	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	87
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

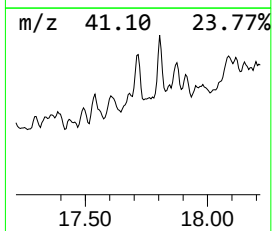
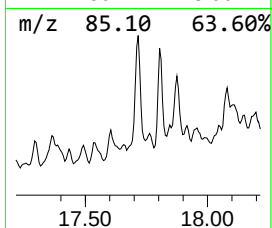
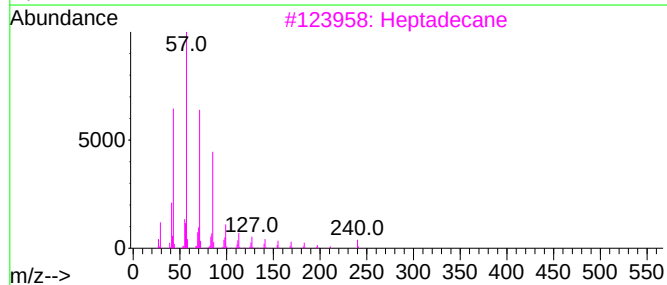
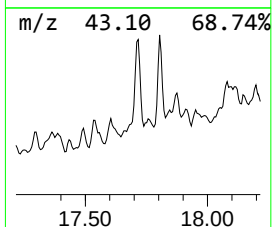
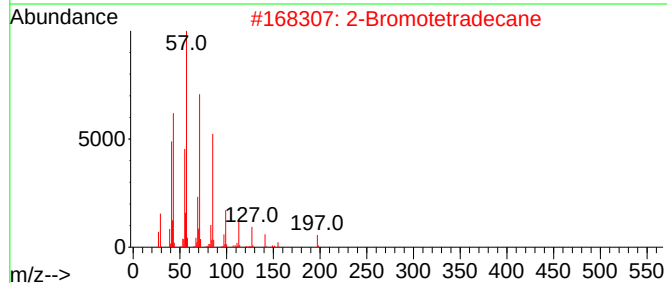
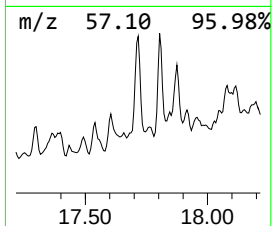
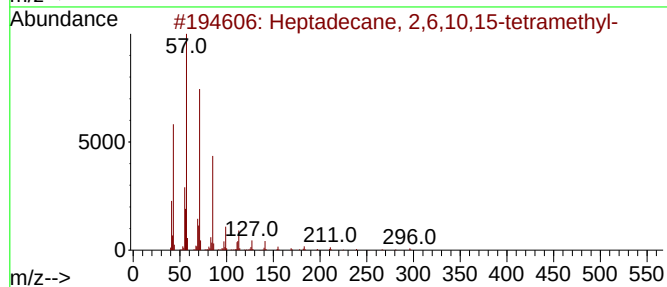
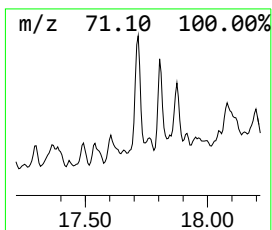
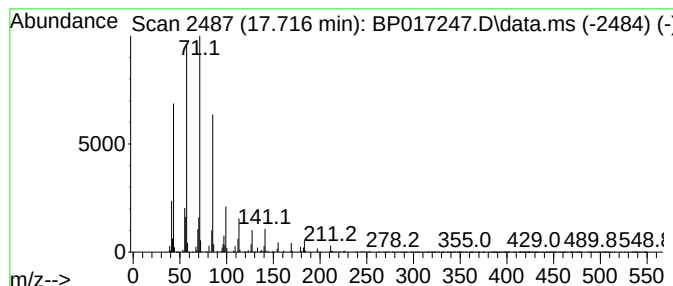
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	15.88 ng/ul	2134150	Phenanthrene-d10	17.375

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3		Heptadecane	240	C17H36	000629-78-7	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZG3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	7.017	2.8	ng/ul	234521	1	7.940	1692270	20.0
(DEL) Alkane: S...	7.828	2.8	ng/ul	233741	1	7.940	1692270	20.0
(DEL) Alkane: S...	8.387	3.3	ng/ul	274909	1	7.940	1692270	20.0
(DEL) Alkane: S...	8.446	5.8	ng/ul	489907	1	7.940	1692270	20.0
Benzene, 2-ethy...	8.546	6.3	ng/ul	529034	1	7.940	1692270	20.0
Naphthalene, de...	8.734	2.9	ng/ul	241644	1	7.940	1692270	20.0
Benzene, 1-meth...	8.863	2.0	ng/ul	173242	1	7.940	1692270	20.0
unknown-01	9.246	3.3	ng/ul	275650	1	7.940	1692270	20.0
unknown-02	9.346	5.7	ng/ul	483886	1	7.940	1692270	20.0
unknown-03	9.434	2.8	ng/ul	310644	2	10.763	2211840	20.0
(DEL) Alkane: S...	9.511	3.8	ng/ul	415777	2	10.763	2211840	20.0
trans-4a-Methyl...	9.622	9.7	ng/ul	1069320	2	10.763	2211840	20.0
(DEL) Alkane: S...	9.740	2.3	ng/ul	252717	2	10.763	2211840	20.0
(DEL) Alkane: S...	10.011	7.0	ng/ul	769415	2	10.763	2211840	20.0
Sulfurous acid,...	10.099	4.2	ng/ul	466107	2	10.763	2211840	20.0
(E)-1-Phenyl-1-...	10.122	3.6	ng/ul	397782	2	10.763	2211840	20.0
(DEL) Alkane: S...	10.199	4.7	ng/ul	521350	2	10.763	2211840	20.0
Naphthalene, de...	10.481	3.2	ng/ul	351366	2	10.763	2211840	20.0
Ethanone, 1-(1-...	10.587	3.3	ng/ul	359303	2	10.763	2211840	20.0
(DEL) Alkane: S...	10.652	15.0	ng/ul	1657240	2	10.763	2211840	20.0
Tetradecane, 1-...	11.063	4.1	ng/ul	457686	2	10.763	2211840	20.0
(DEL) Alkane: C...	11.175	8.1	ng/ul	896362	2	10.763	2211840	20.0
unknown-04	11.328	5.5	ng/ul	607511	2	10.763	2211840	20.0
unknown-05	11.399	9.2	ng/ul	1016170	2	10.763	2211840	20.0
(DEL) Alkane: S...	11.516	6.7	ng/ul	742364	2	10.763	2211840	20.0
(DEL) Alkane: S...	11.599	5.6	ng/ul	621064	2	10.763	2211840	20.0
(DEL) Alkane: S...	11.699	20.8	ng/ul	2297760	2	10.763	2211840	20.0
(DEL) Alkane: C...	11.752	4.4	ng/ul	487719	2	10.763	2211840	20.0
unknown-06	11.899	4.3	ng/ul	475416	2	10.763	2211840	20.0
Naphthalene, 1,...	11.940	4.2	ng/ul	469429	2	10.763	2211840	20.0
(DEL) Alkane: S...	11.969	5.1	ng/ul	560698	2	10.763	2211840	20.0
Carbonic acid, ...	12.105	17.1	ng/ul	1886000	2	10.763	2211840	20.0
Naphthalene, 1,...	12.299	4.1	ng/ul	449708	2	10.763	2211840	20.0
(DEL) Alkane: S...	12.322	8.8	ng/ul	968828	2	10.763	2211840	20.0
unknown-07	12.516	5.5	ng/ul	606418	2	10.763	2211840	20.0
Carbonic acid, ...	12.740	12.4	ng/ul	1301350	3	14.599	2098760	20.0
(DEL) Alkane: C...	12.816	7.9	ng/ul	829978	3	14.599	2098760	20.0
(DEL) Alkane: S...	12.846	4.3	ng/ul	446231	3	14.599	2098760	20.0
(DEL) Alkane: S...	12.922	11.2	ng/ul	1169810	3	14.599	2098760	20.0
(DEL) Alkane: S...	13.004	6.8	ng/ul	719033	3	14.599	2098760	20.0
(DEL) Alkane: S...	13.057	26.4	ng/ul	2766170	3	14.599	2098760	20.0
(DEL) Alkane: S...	13.352	35.3	ng/ul	3707570	3	14.599	2098760	20.0
Naphthalene, 2,...	13.746	12.1	ng/ul	1272920	3	14.599	2098760	20.0
Naphthalene, 2,...	13.916	12.9	ng/ul	1358980	3	14.599	2098760	20.0
Naphthalene, 1,...	14.151	11.2	ng/ul	1178500	3	14.599	2098760	20.0
2,5-Cyclohexadi...	14.216	15.6	ng/ul	1638830	3	14.599	2098760	20.0
unknown-08	14.381	11.1	ng/ul	1163200	3	14.599	2098760	20.0
(DEL) Alkane: S...	14.428	21.8	ng/ul	2287120	3	14.599	2098760	20.0
Carbonic acid, ...	14.928	6.3	ng/ul	658352	3	14.599	2098760	20.0
Naphthalene, 1,...	15.204	10.5	ng/ul	1104110	3	14.599	2098760	20.0
Naphthalene, 2,...	15.263	14.6	ng/ul	1529280	3	14.599	2098760	20.0
Naphthalene, 1,...	15.345	8.5	ng/ul	895714	3	14.599	2098760	20.0

(DEL) Alkane: S...	15.387	17.4	ng/ul	1821160	3	14.599	2098760	20.0
(DEL) Alkane: S...	15.787	49.9	ng/ul	5240680	3	14.599	2098760	20.0
(DEL) Alkane: S...	15.945	5.6	ng/ul	588657	3	14.599	2098760	20.0
(DEL) Alkane: C...	16.016	6.9	ng/ul	929477	4	17.375	2687060	20.0
(DEL) Alkane: S...	16.269	66.4	ng/ul	8921960	4	17.375	2687060	20.0
unknown-09	16.516	4.3	ng/ul	572655	4	17.375	2687060	20.0
(DEL) Alkane: S...	17.057	15.7	ng/ul	2110860	4	17.375	2687060	20.0
(DEL) Alkane: S...	17.104	53.5	ng/ul	7182180	4	17.375	2687060	20.0
(DEL) Alkane: S...	17.716	15.9	ng/ul	2134150	4	17.375	2687060	20.0

Instrument :

BNA_P

ClientSampleId :

EZYG3