

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014453.D
 Acq On : 31 Mar 2023 20:29
 Operator : CG/JU
 Sample : 02093-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB971

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-BP032823.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014453.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	31	34	36	rBV	48561	59701	1.20%	0.085%
2	3.422	36	40	57	rVB	1463442	1912125	38.54%	2.709%
3	3.669	77	82	90	rBV	168057	228223	4.60%	0.323%
4	3.828	106	109	124	rBV	223674	384948	7.76%	0.545%
5	4.040	141	145	149	rBV2	17386	28628	0.58%	0.041%
6	4.216	170	175	188	rVB	276838	387013	7.80%	0.548%
7	4.599	234	240	253	rBV	238807	393180	7.92%	0.557%
8	4.975	297	304	309	rBV6	11499	19793	0.40%	0.028%
9	5.075	316	321	325	rBV	21881	32323	0.65%	0.046%
10	5.552	398	402	404	rVV3	15753	21735	0.44%	0.031%
11	5.575	404	406	411	rVB5	16053	20257	0.41%	0.029%
12	5.752	431	436	446	rBV4	23516	66932	1.35%	0.095%
13	5.934	462	467	474	rVB	17971	30044	0.61%	0.043%
14	6.275	520	525	531	rVV	76205	126316	2.55%	0.179%
15	6.393	540	545	550	rVB5	12123	18730	0.38%	0.027%
16	6.511	557	565	570	rBV	40339	70202	1.41%	0.099%
17	6.558	570	573	576	rVV3	13495	20125	0.41%	0.029%
18	6.593	576	579	586	rVV2	19542	36761	0.74%	0.052%
19	6.669	586	592	594	rVV3	15945	29795	0.60%	0.042%
20	6.710	594	599	607	rVB	176551	281037	5.66%	0.398%
21	7.040	651	655	662	rBV9	8943	23949	0.48%	0.034%
22	7.181	673	679	691	rVV	255150	475029	9.57%	0.673%
23	7.340	699	706	718	rBV	824308	1348744	27.18%	1.911%
24	7.446	721	724	729	rVV	14871	23042	0.46%	0.033%
25	7.540	734	740	749	rVV	838683	1394598	28.11%	1.976%
26	7.634	752	756	760	rVB5	17175	24284	0.49%	0.034%
27	7.728	768	772	776	rBV3	15741	27864	0.56%	0.039%
28	7.863	785	795	799	rBV9	15950	33008	0.67%	0.047%
29	7.916	799	804	808	rVV5	13156	25923	0.52%	0.037%
30	7.963	808	812	814	rVV4	15134	25352	0.51%	0.036%
31	8.010	814	820	829	rVV	799361	1277182	25.74%	1.809%
32	8.093	829	834	841	rVB2	71102	131494	2.65%	0.186%
33	8.463	893	897	905	rVB9	11296	29262	0.59%	0.041%
34	8.557	905	913	922	rBV9	17549	59266	1.19%	0.084%
35	8.734	933	943	951	rBV	731047	1283269	25.86%	1.818%
36	8.816	951	957	966	rVB6	51496	124886	2.52%	0.177%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
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37	9.081	996	1002	1006	rBV6	21570	44645	0.90%	0.063%
38	9.128	1006	1010	1014	rVB	37210	52758	1.06%	0.075%
39	9.187	1014	1020	1027	rBV	1070091	1806541	36.41%	2.559%
40	9.293	1033	1038	1039	rBV4	13367	22214	0.45%	0.031%
41	9.393	1052	1055	1060	rVB7	14972	24243	0.49%	0.034%
42	9.540	1073	1080	1088	rBV5	108808	228547	4.61%	0.324%
43	9.640	1093	1097	1101	rVB3	18804	26820	0.54%	0.038%
44	9.716	1104	1110	1116	rBV2	96783	175799	3.54%	0.249%
45	9.840	1126	1131	1137	rBV6	31809	67656	1.36%	0.096%
46	9.916	1137	1144	1155	rVB	922266	1562315	31.49%	2.213%
47	10.016	1156	1161	1167	rBV9	25823	62362	1.26%	0.088%
48	10.240	1196	1199	1206	rVB9	12215	23532	0.47%	0.033%
49	10.381	1216	1223	1230	rVB	221288	411070	8.29%	0.582%
50	10.463	1230	1237	1245	rBV	1185006	2249943	45.35%	3.187%
51	10.575	1253	1256	1258	rBV4	17765	26741	0.54%	0.038%
52	10.775	1286	1290	1294	rBV	61611	107739	2.17%	0.153%
53	10.834	1294	1300	1307	rVV	1118287	1864460	37.58%	2.641%
54	10.987	1317	1326	1334	rBV2	180092	478375	9.64%	0.678%
55	11.093	1340	1344	1349	rBV6	32349	52853	1.07%	0.075%
56	11.298	1375	1379	1387	rBV8	29400	69383	1.40%	0.098%
57	11.422	1396	1400	1407	rVB5	73469	129623	2.61%	0.184%
58	11.604	1428	1431	1434	rBV4	20162	31037	0.63%	0.044%
59	11.646	1434	1438	1442	rBV7	38319	75294	1.52%	0.107%
60	11.828	1462	1469	1477	rBV10	47079	152426	3.07%	0.216%
61	11.969	1489	1493	1496	rBV6	22831	42802	0.86%	0.061%
62	12.040	1500	1505	1510	rVB	120939	195349	3.94%	0.277%
63	12.181	1526	1529	1536	rVB	96714	172873	3.48%	0.245%
64	12.345	1550	1557	1563	rBV3	154887	332792	6.71%	0.471%
65	12.457	1572	1576	1588	rVB10	89106	248253	5.00%	0.352%
66	12.557	1589	1593	1601	rBV6	40687	102693	2.07%	0.145%
67	12.651	1604	1609	1615	rVB	341078	541242	10.91%	0.767%
68	13.051	1673	1677	1681	rBV7	38106	65485	1.32%	0.093%
69	13.222	1702	1706	1710	rBV3	85969	127794	2.58%	0.181%
70	13.404	1733	1737	1745	rBV10	54602	127171	2.56%	0.180%
71	13.722	1786	1791	1799	rBV	128408	264401	5.33%	0.375%
72	13.898	1816	1821	1832	rBV	232529	468039	9.43%	0.663%
73	14.075	1845	1851	1858	rVB	2610059	3567401	71.90%	5.054%
74	14.181	1864	1869	1873	rBV2	204527	306135	6.17%	0.434%
75	14.363	1894	1900	1905	rBV	2705803	3998931	80.60%	5.665%
76	14.487	1916	1921	1931	rBV	326809	578146	11.65%	0.819%

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 Title : SVOA CALIBRATION

77	14.592	1934	1939	1944	rVV	539437	777931	15.68%	1.102%
78	14.669	1946	1952	1959	rVB	1657753	2508350	50.56%	3.553%
79	14.922	1991	1995	2000	rBV3	137209	229009	4.62%	0.324%
80	15.039	2011	2015	2022	rVB2	149831	215170	4.34%	0.305%
81	15.410	2074	2078	2084	rBV	243293	413052	8.33%	0.585%
82	15.663	2115	2121	2127	rVB	3419297	4835034	97.45%	6.849%
83	15.786	2138	2142	2149	rVB	1114032	1566612	31.58%	2.219%
84	16.028	2179	2183	2188	rVB	326466	446932	9.01%	0.633%
85	16.192	2206	2211	2220	rVB	1974420	2794886	56.33%	3.959%
86	16.381	2239	2243	2249	rVB3	489113	839433	16.92%	1.189%
87	16.704	2294	2298	2303	rBV	1131523	1534704	30.93%	2.174%
88	17.433	2416	2422	2431	rBV	1926300	2928945	59.03%	4.149%
89	17.528	2433	2438	2448	rVB	3400009	4961543	100.00%	7.029%
90	17.780	2479	2481	2486	rVB	172697	196062	3.95%	0.278%
91	18.298	2566	2569	2577	rBV	408527	535677	10.80%	0.759%
92	18.604	2618	2621	2625	rVB	202750	237673	4.79%	0.337%
93	18.810	2653	2656	2659	rVB	178920	196689	3.96%	0.279%
94	19.063	2696	2699	2703	rBV	234465	261030	5.26%	0.370%
95	19.757	2813	2817	2823	rVB	3660457	4829178	97.33%	6.841%
96	19.816	2824	2827	2832	rVB3	244272	381706	7.69%	0.541%
97	21.198	3059	3062	3070	rVB3	325742	450651	9.08%	0.638%
98	21.516	3112	3116	3122	rVB	1630867	2195659	44.25%	3.110%
99	23.880	3511	3518	3526	rVB2	1817217	3846741	77.53%	5.449%
100	24.039	3540	3545	3554	rVB	982431	2046621	41.25%	2.899%

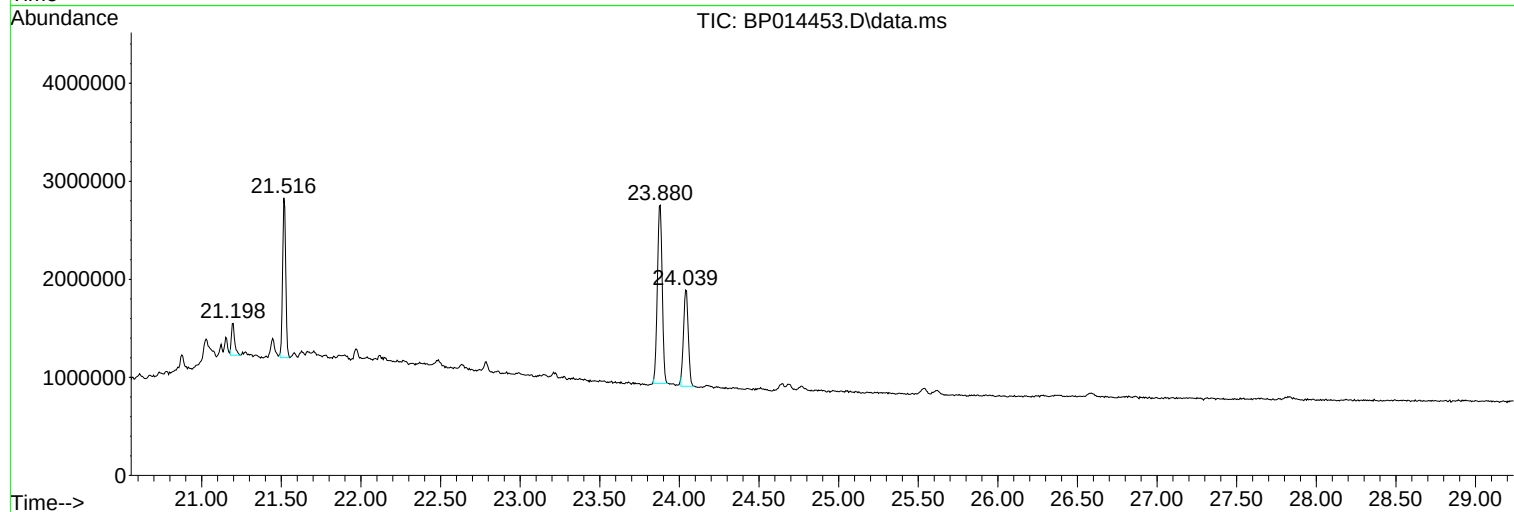
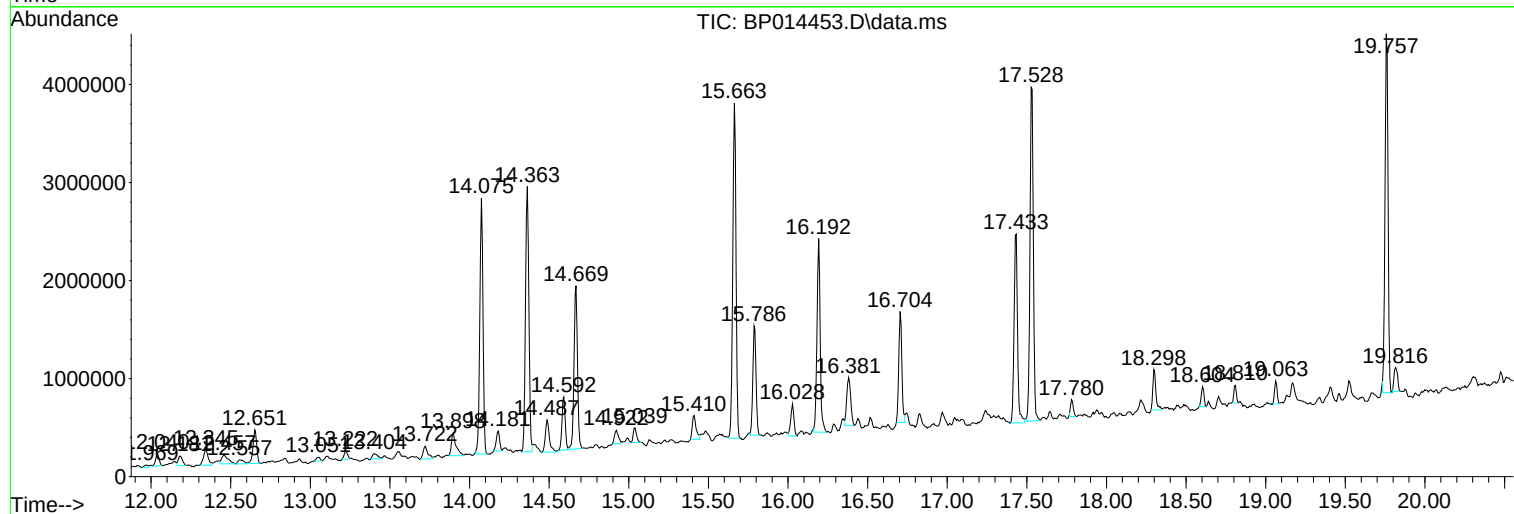
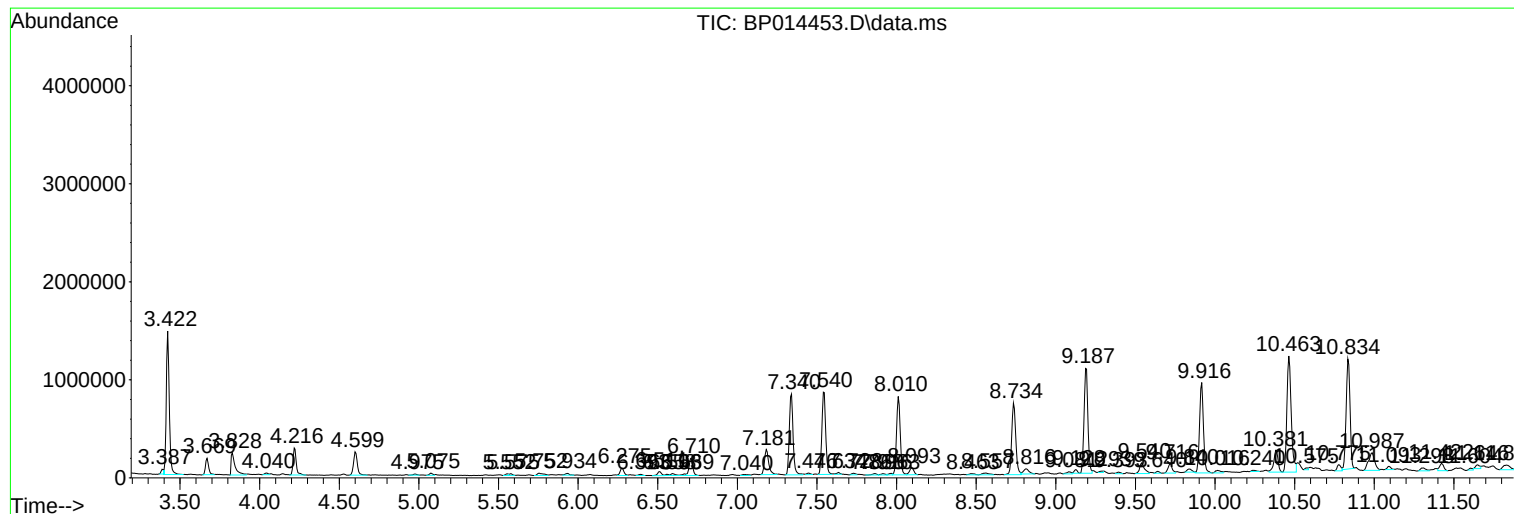
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ALS Vial : 62 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



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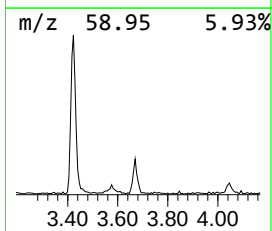
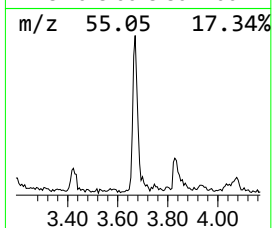
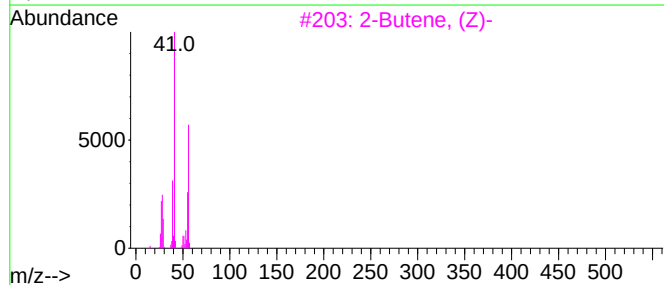
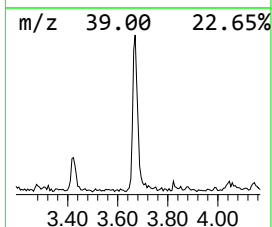
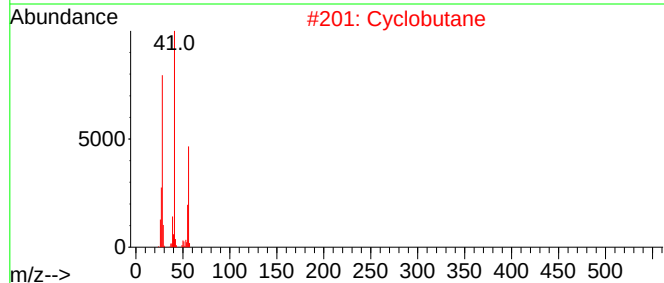
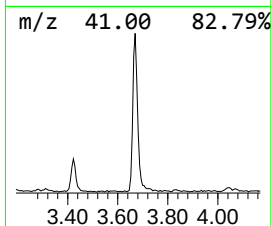
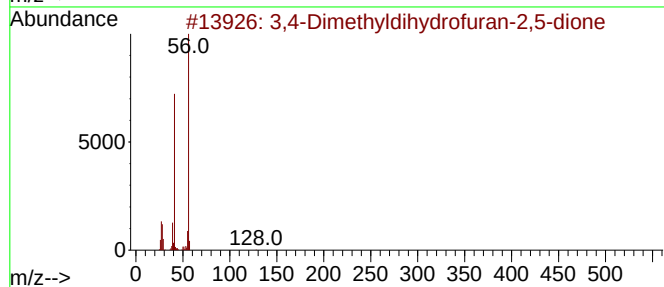
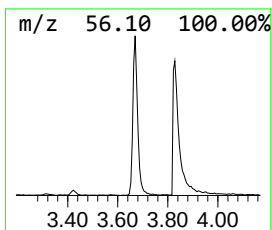
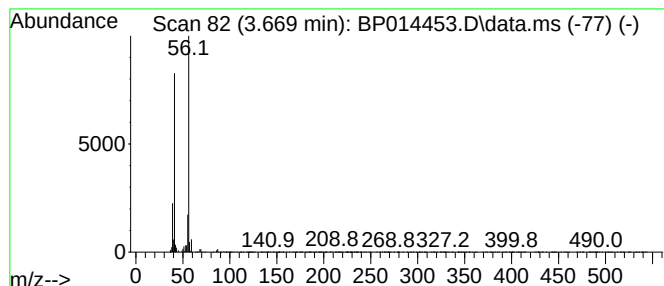
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3,4-Dimethyldihydrofuran-2,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
3.669	3.57 ng/ul	228223	1,4-Dichlorobenzene-d4			8.010
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3,4-Dimethyldihydrofuran-2,5-dione		128	C6H8O3	007475-92-5	72
2	Cyclobutane		56	C4H8	000287-23-0	72
3	2-Butene, (Z)-		56	C4H8	000590-18-1	72
4	2-Butene		56	C4H8	000107-01-7	56
5	Oxirane, (1-methylethyl)-		86	C5H10O	001438-14-8	50



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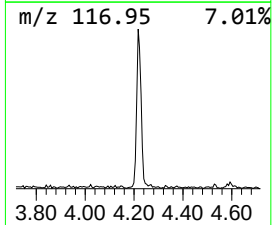
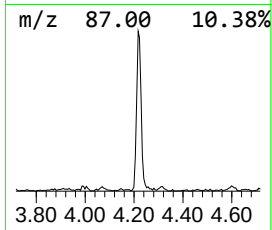
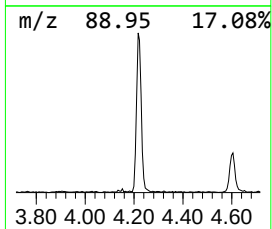
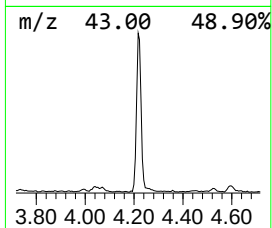
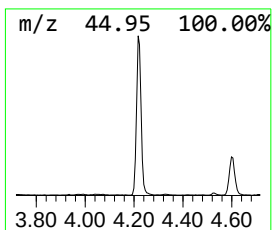
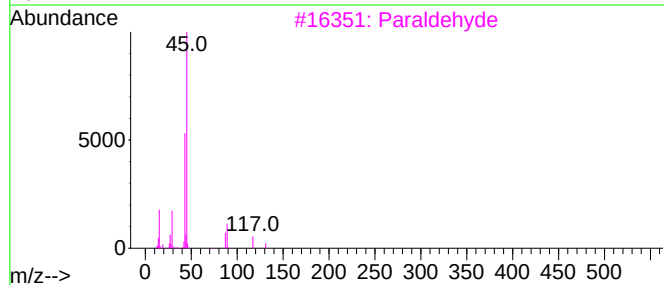
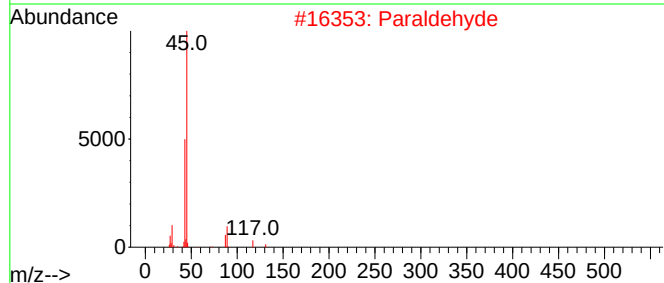
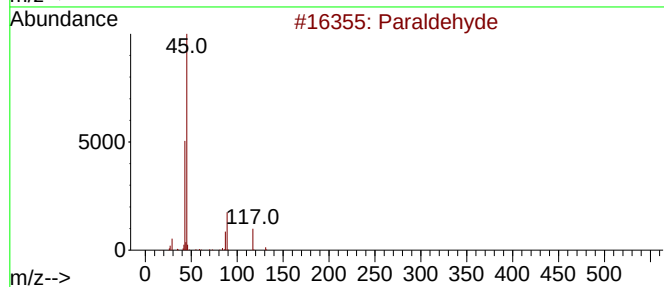
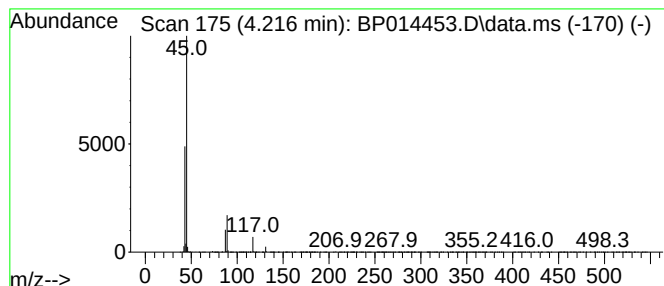
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Paraldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.216	6.06 ng/ul	387013	1,4-Dichlorobenzene-d4	8.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Paraldehyde	132	C6H12O3	000123-63-7	90
2		Paraldehyde	132	C6H12O3	000123-63-7	83
3		Paraldehyde	132	C6H12O3	000123-63-7	78
4		Paraldehyde	132	C6H12O3	000123-63-7	56
5		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39



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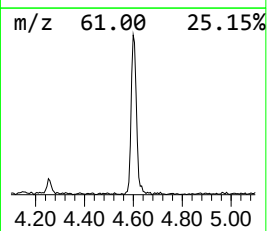
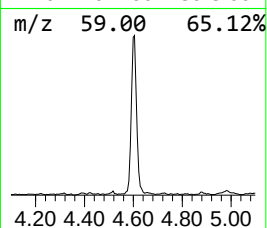
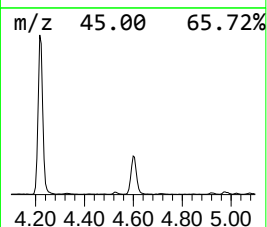
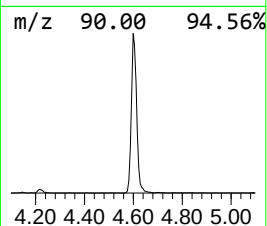
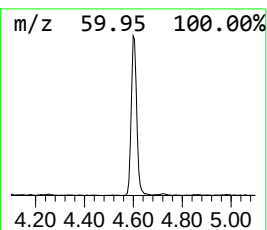
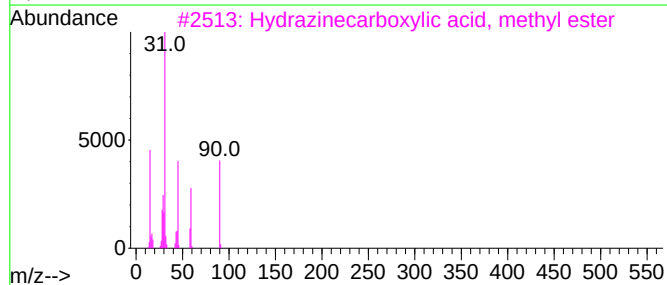
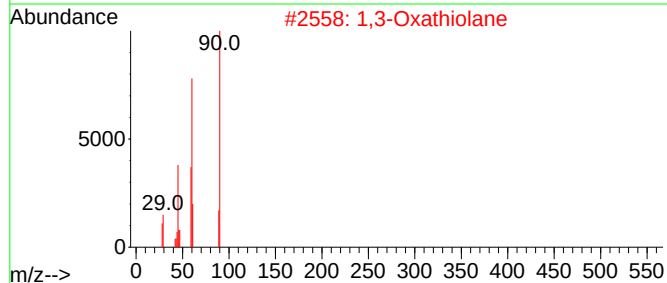
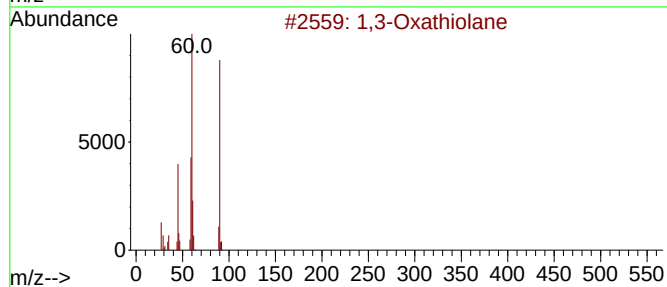
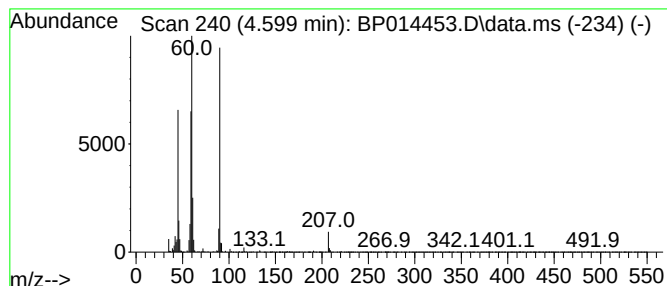
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,3-Oxathiolane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.599	6.16 ng/ul	393180	1,4-Dichlorobenzene-d4	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
2			1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
3			Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
4			Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
5			3-Thietanol	90	C3H6OS	010304-16-2	40



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Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
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ClientSampleId :
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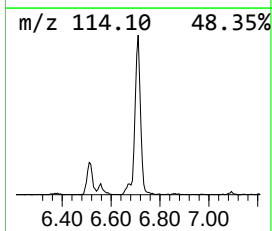
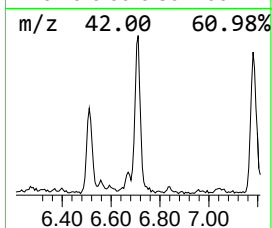
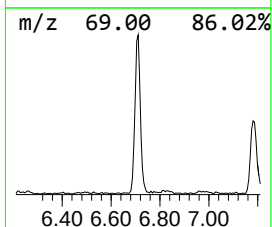
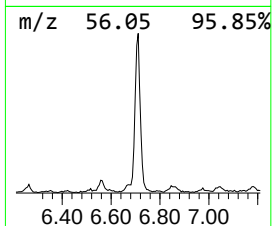
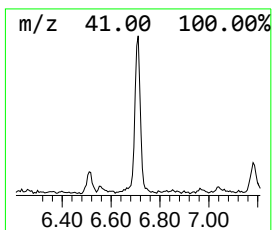
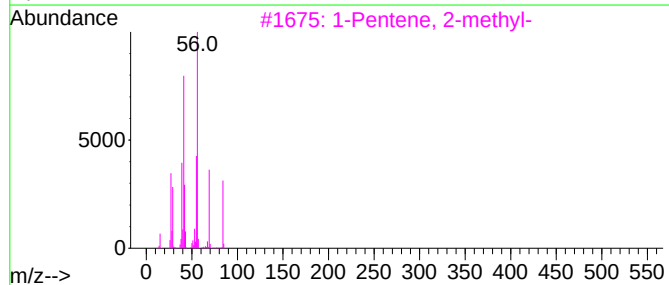
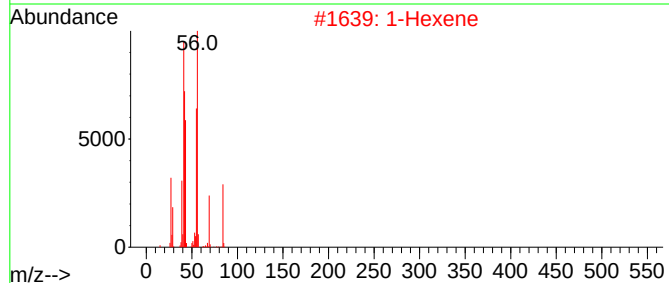
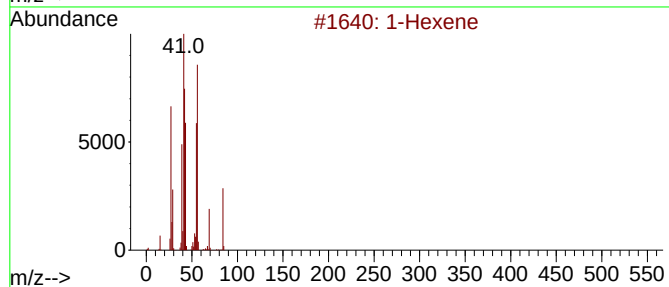
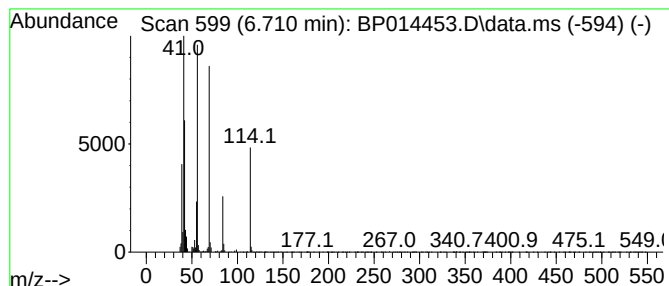
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	4.40 ng/ul	281037	1,4-Dichlorobenzene-d4	8.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene		84	C6H12	000592-41-6	38
2	1-Hexene		84	C6H12	000592-41-6	38
3	1-Pentene, 2-methyl-		84	C6H12	000763-29-1	32
4	4-Methoxy-5H-furan-2-one		114	C5H6O3	069556-70-3	27
5	2-Pentenoic acid, 2-methyl-		114	C6H10O2	003142-72-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
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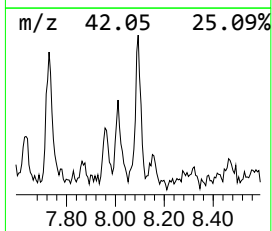
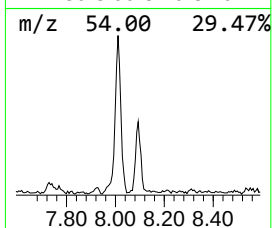
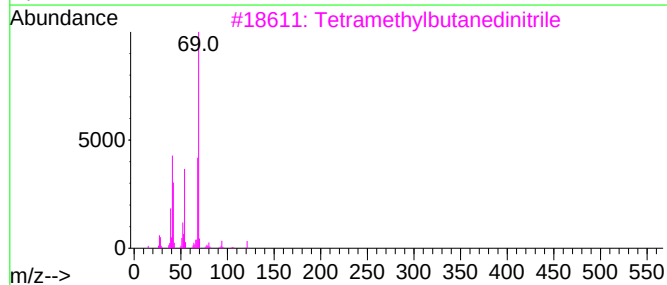
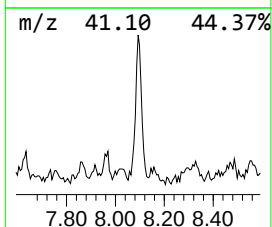
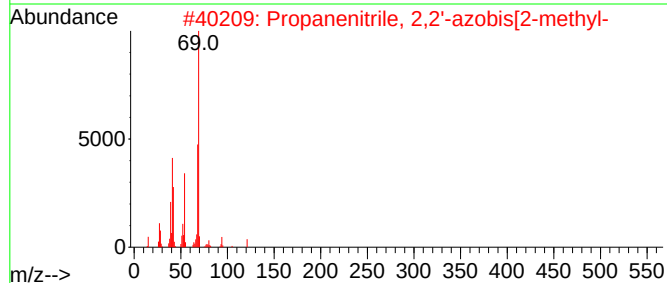
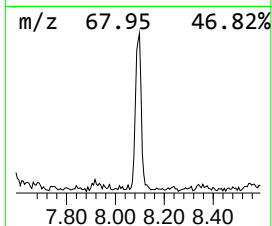
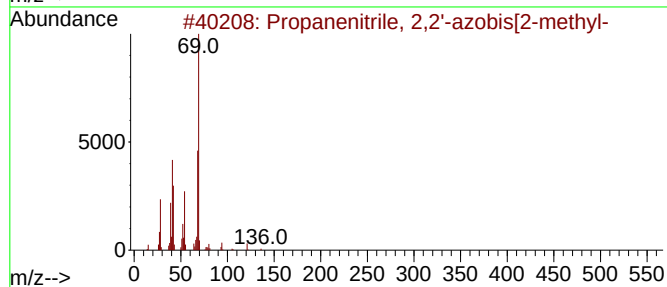
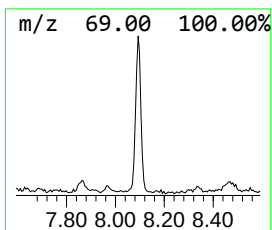
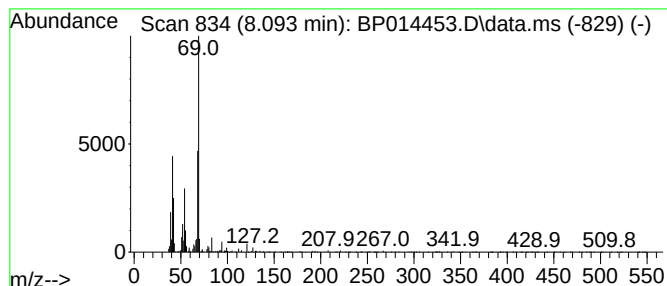
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Propanenitrile, 2,2'-azobis... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.093	2.06 ng/ul	131494	1,4-Dichlorobenzene-d4	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	90
2			Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	90
3			Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	90
4			Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	90
5			Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
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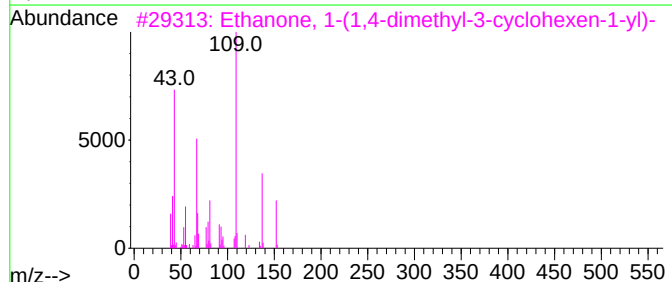
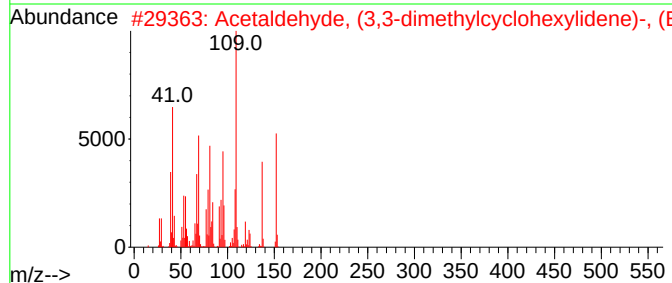
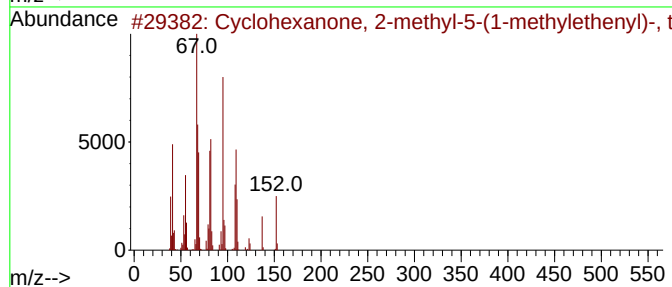
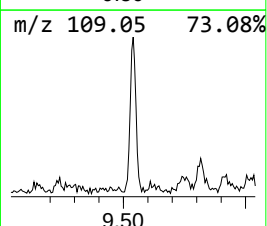
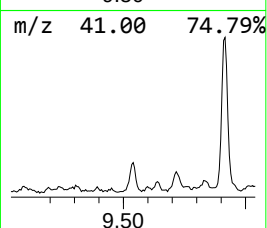
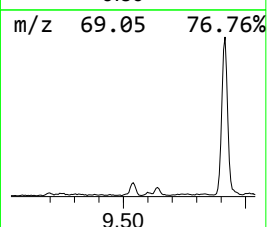
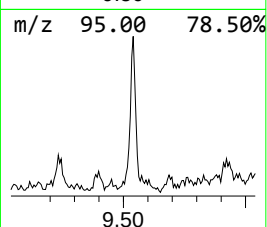
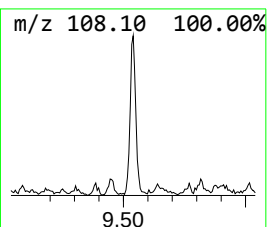
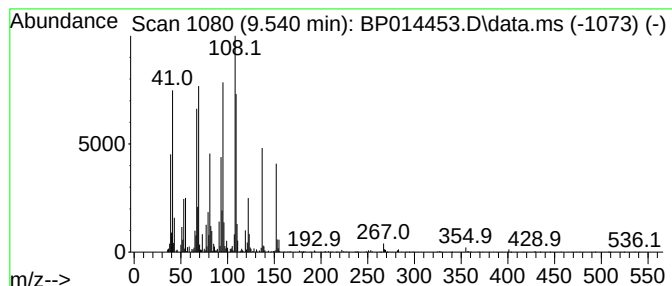
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.540	2.45 ng/ul	228547	Naphthalene-d8	10.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	43
2			Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	35
3			Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	35
4			1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	30
5			1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
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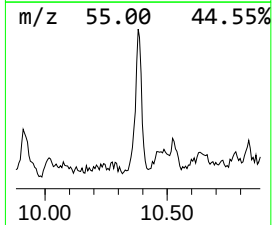
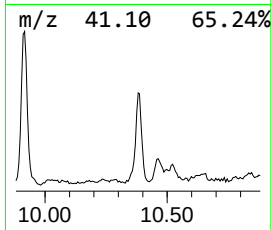
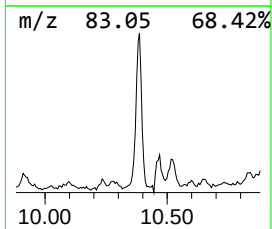
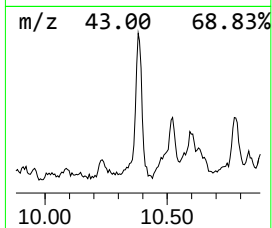
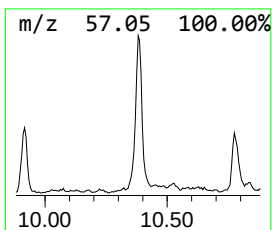
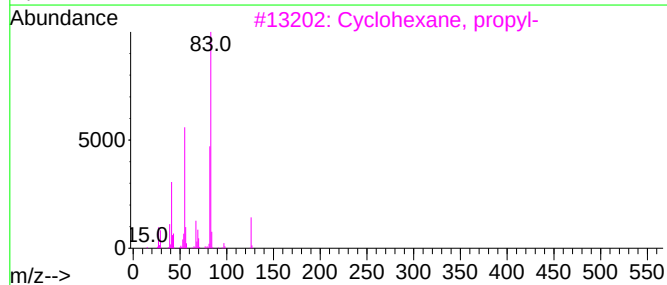
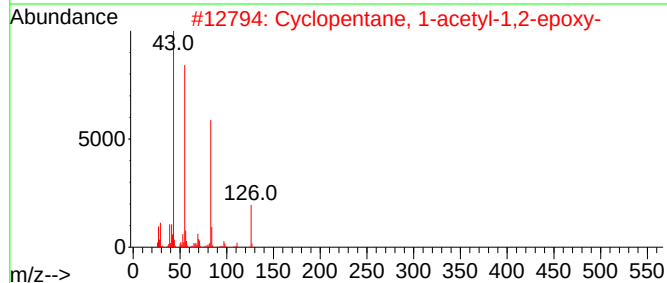
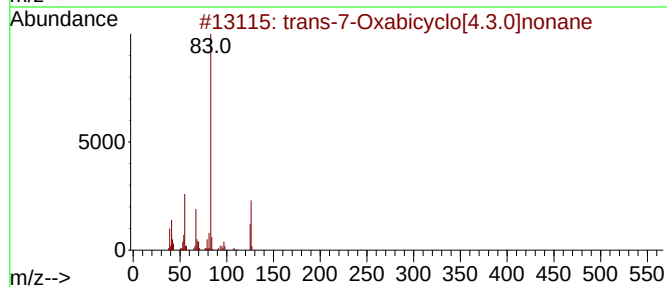
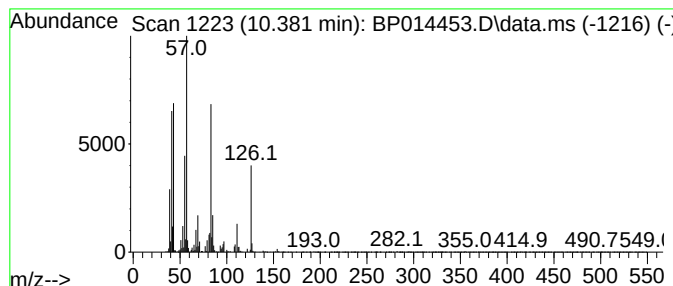
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 trans-7-Oxabicyclo[4.3.0]no... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	4.41 ng/ul	411070	Naphthalene-d8	10.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-7-Oxabicyclo[4.3.0]nonane	126	C8H14O	027345-70-6	58
2			Cyclopentane, 1-acetyl-1,2-epoxy-	126	C7H10O2	015121-02-5	50
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4			3-Penten-2-one, 3-ethyl-4-methyl-	126	C8H14O	022287-11-2	47
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
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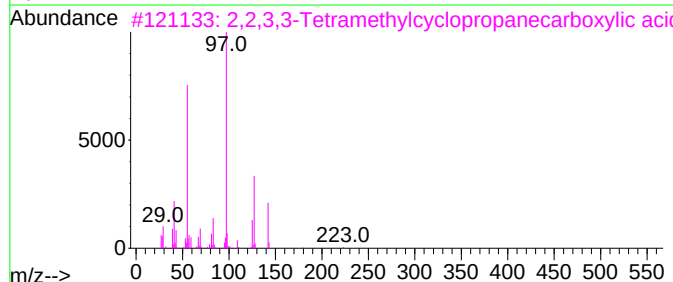
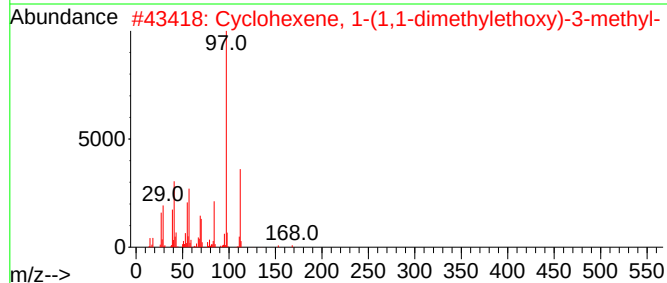
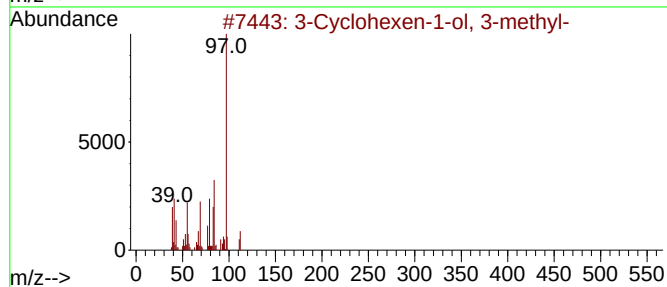
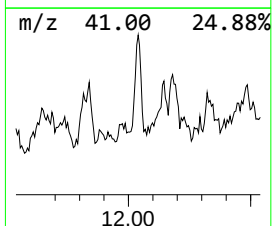
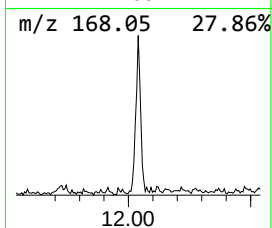
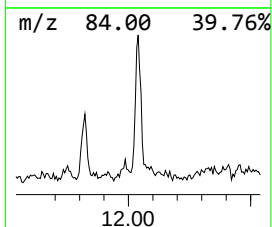
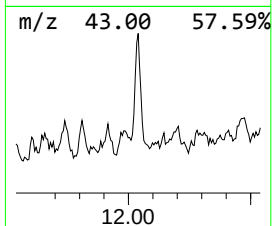
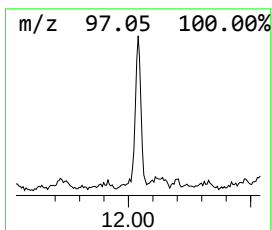
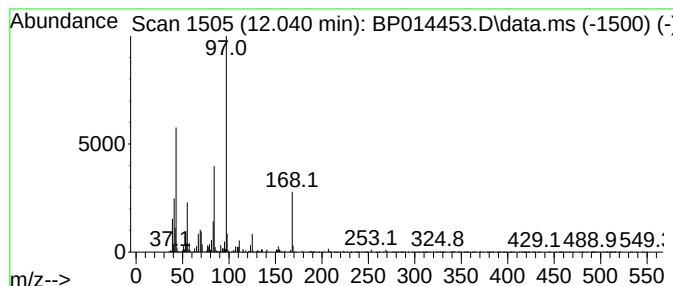
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 3-Cyclohexen-1-ol, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.040	2.10 ng/ul	195349	Naphthalene-d8	10.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	59
2			Cyclohexene, 1-(1,1-dimethyletho...	168	C11H20O	040648-24-6	50
3			2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1010221-97-5	47
4			Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	43
5			4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
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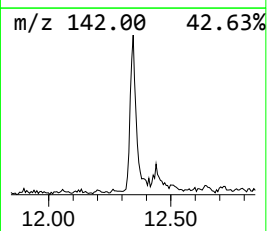
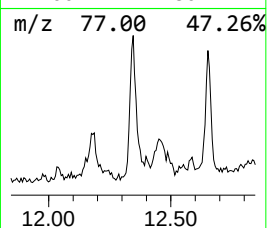
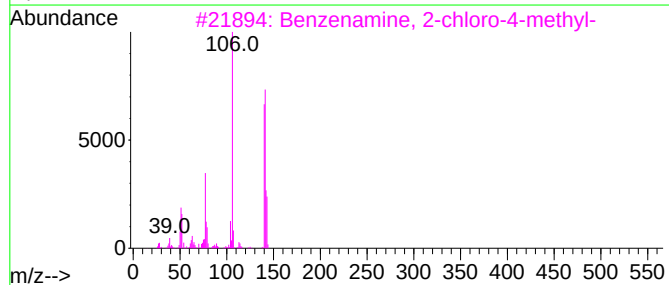
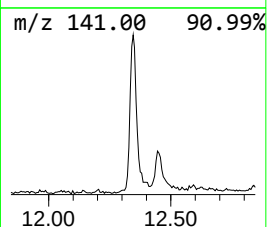
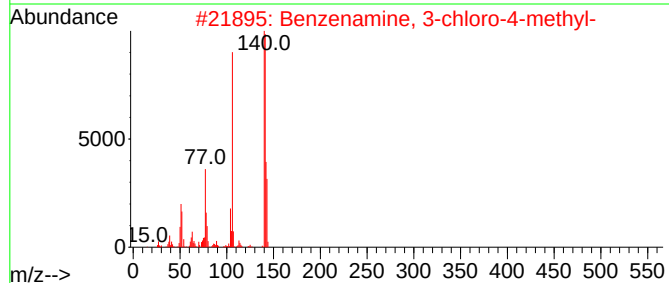
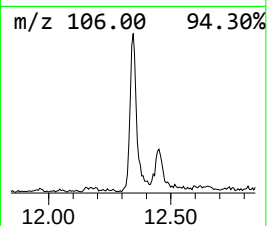
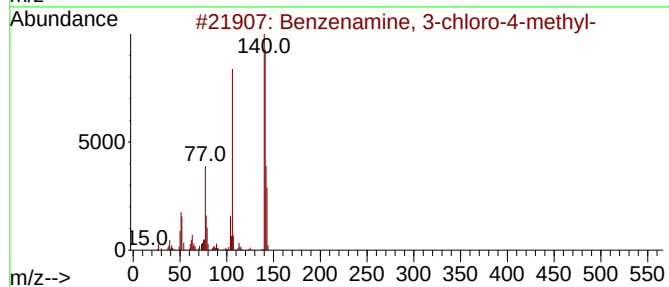
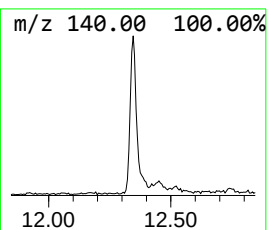
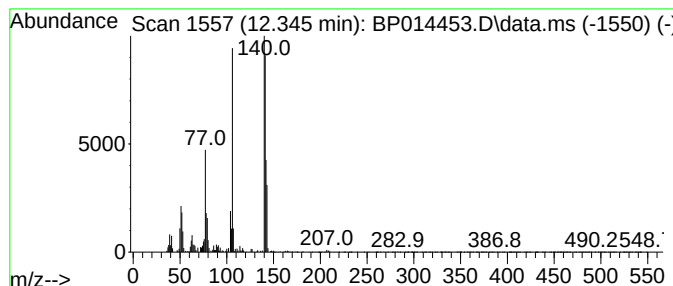
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzenamine, 3-chloro-4-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	3.57 ng/ul	332792	Naphthalene-d8	10.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2			Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
3			Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	93
4			Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	91
5			Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
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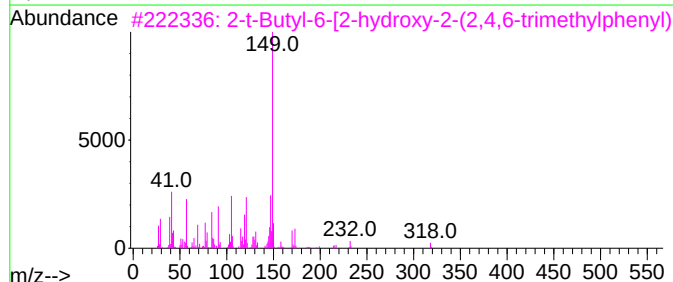
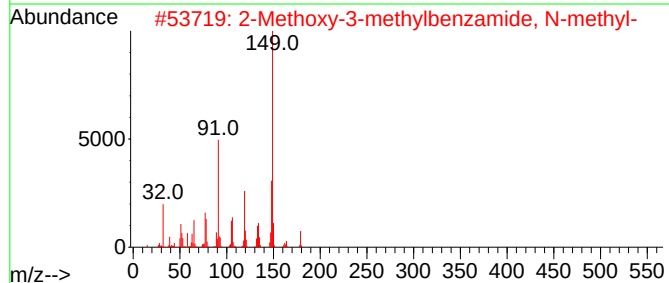
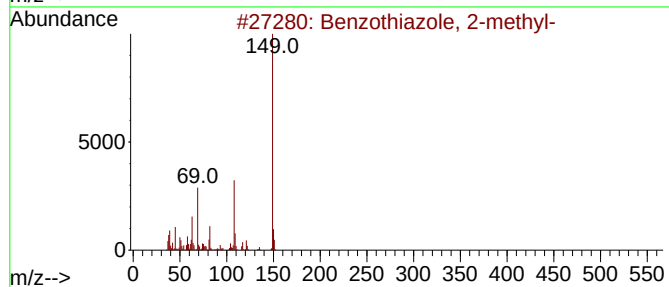
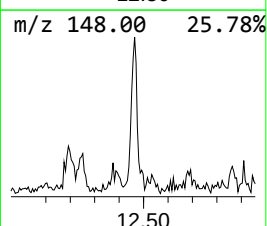
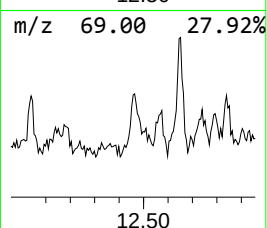
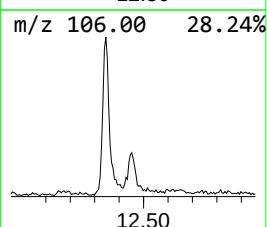
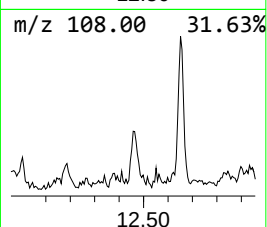
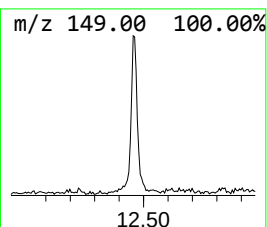
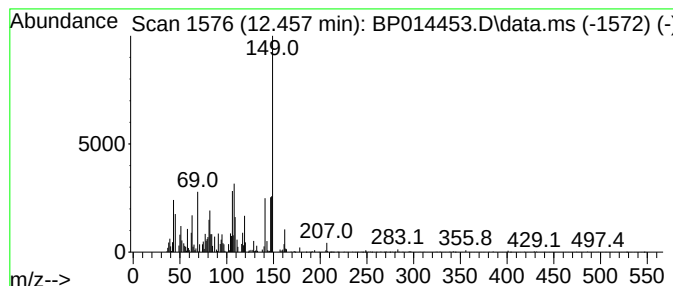
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.66 ng/ul	248253	Naphthalene-d8	10.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	38
2			2-Methoxy-3-methylbenzamide, N-m...	179	C10H13NO2	139958-86-4	38
3			2-t-Butyl-6-[2-hydroxy-2-(2,4,6-...	318	C19H26O4	1010192-88-0	32
4			Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	27
5			6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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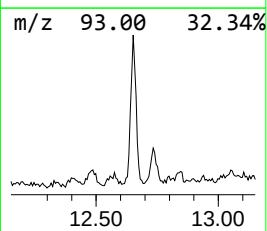
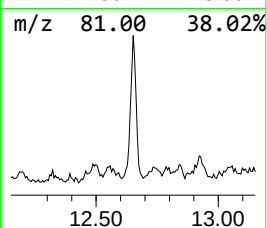
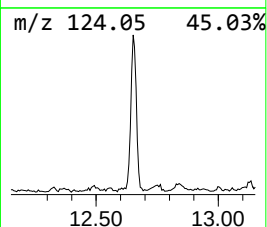
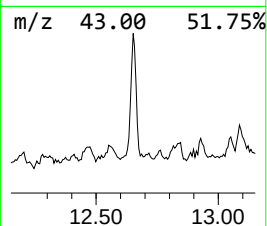
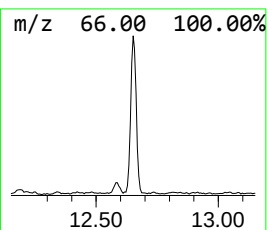
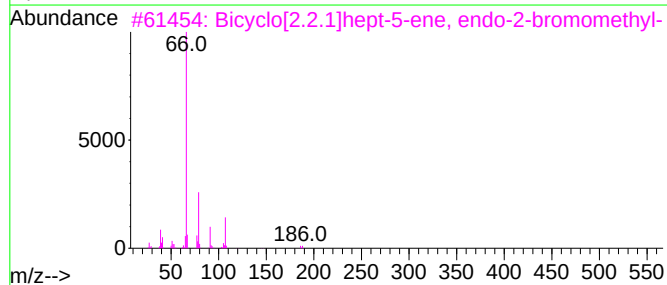
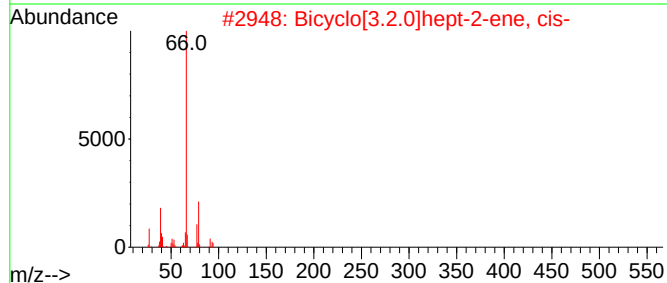
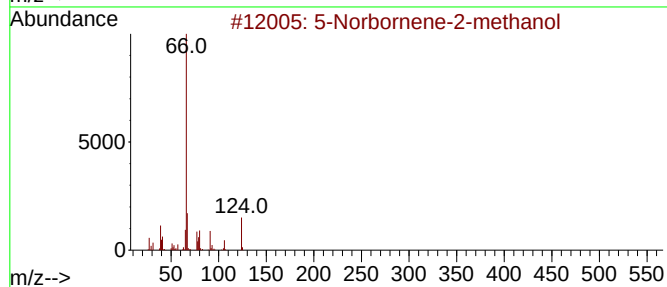
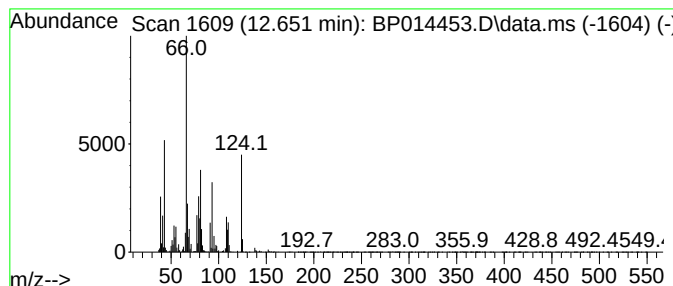
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 5-Norbornene-2-methanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	5.81 ng/ul	541242	Naphthalene-d8	10.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Norbornene-2-methanol	124	C8H12O	000095-12-5	64
2			Bicyclo[3.2.0]hept-2-ene, cis-	94	C7H10	1000155-54-0	59
3			Bicyclo[2.2.1]hept-5-ene, endo-2...	186	C8H11Br	1000381-69-5	59
4			Tetrazolo[1,5-a]pyrazine	121	C4H3N5	013349-87-6	59
5			Bicyclo[3.2.0]hept-2-en-6-one	108	C7H8O	013173-09-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
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Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

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ClientSampleId :
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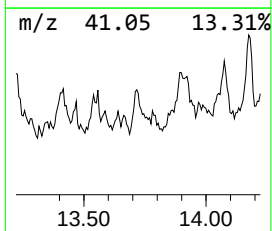
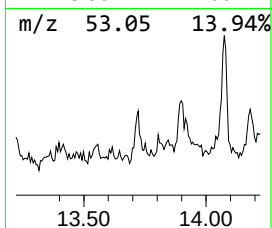
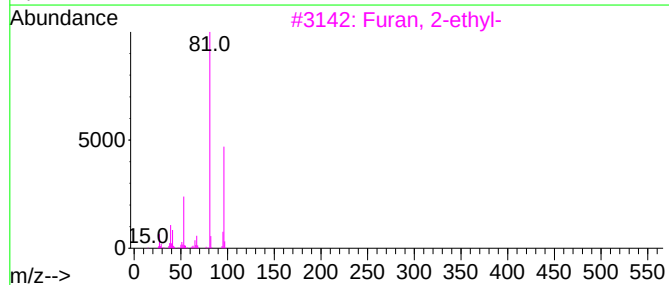
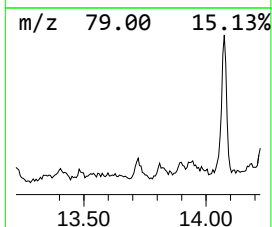
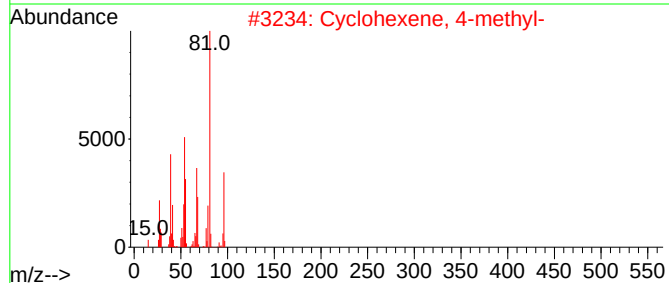
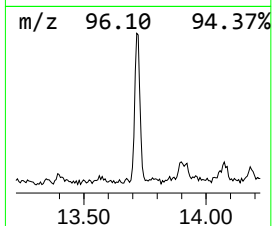
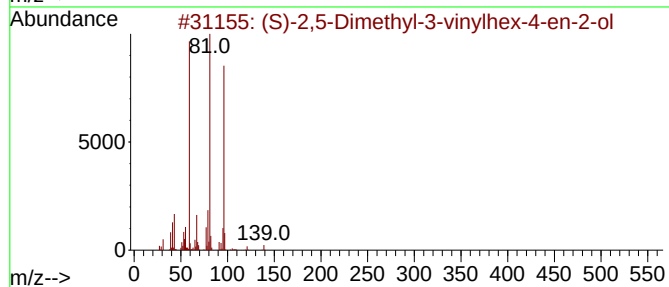
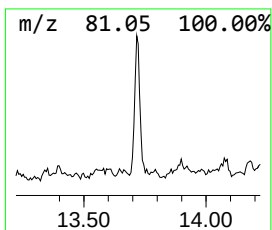
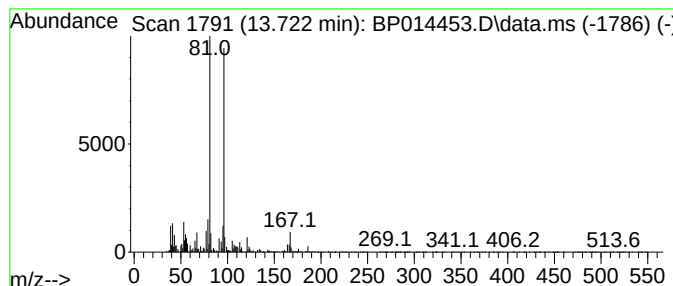
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (S)-2,5-Dimethyl-3-vinylhex... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	2.11 ng/ul	264401	Acenaphthene-d10	14.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-2,5-Dimethyl-3-vinylhex-4-en...	154	C10H18O	035671-15-9	72		
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64		
3	Furan, 2-ethyl-	96	C6H8O	003208-16-0	64		
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	64		
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
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Sample : 02093-04
Misc :
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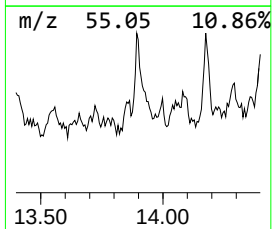
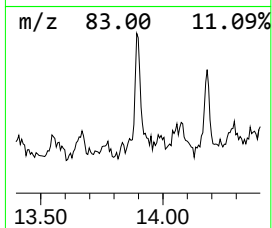
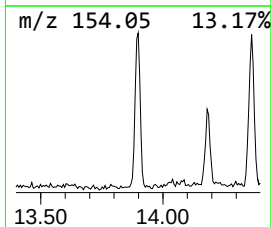
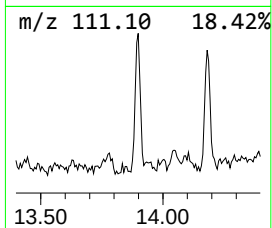
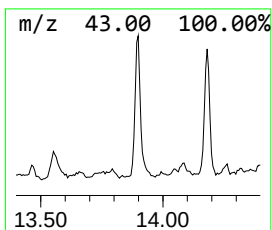
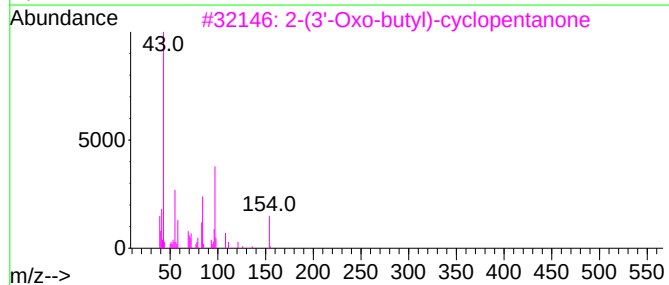
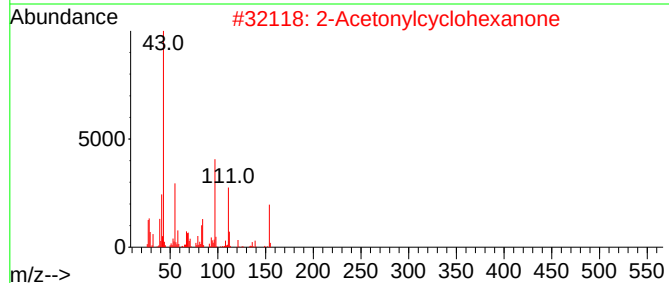
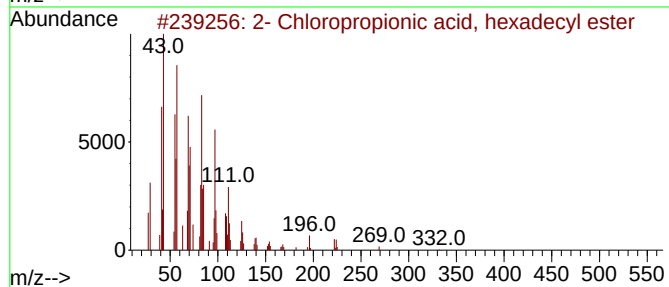
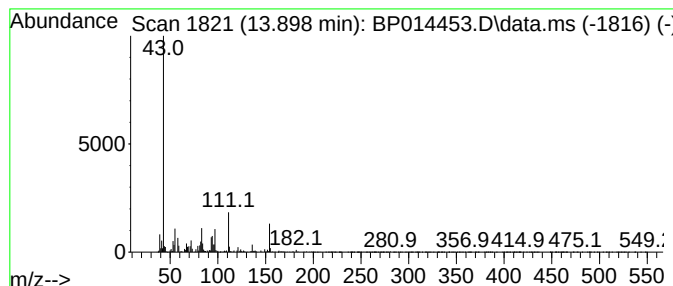
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	3.73 ng/ul	468039	Acenaphthene-d10	14.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	49	
2	2-	Acetonylcyclohexanone	154	C9H14O2	006126-53-0	46	
3	2-	(3'-Oxo-butyl)-cyclopentanone	154	C9H14O2	1010143-37-2	38	
4	3-	Ethenylheptan-2,6-dione	154	C9H14O2	1000223-48-0	38	
5	2-	Acetonylcyclohexanone	154	C9H14O2	006126-53-0	37	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
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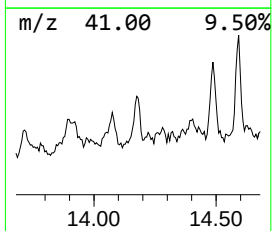
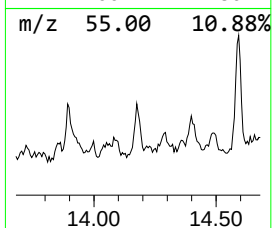
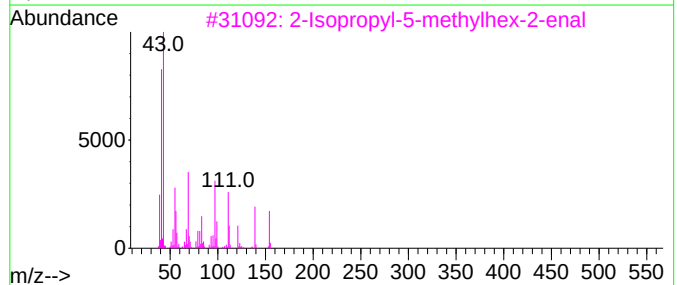
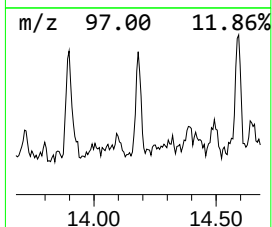
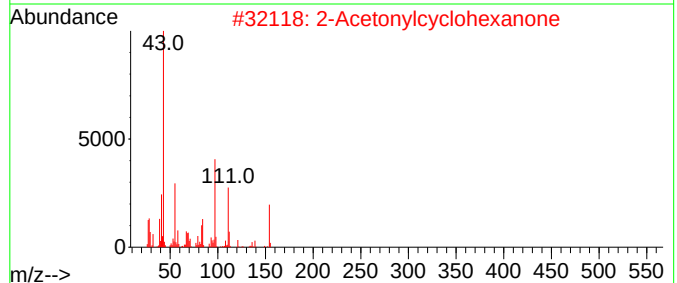
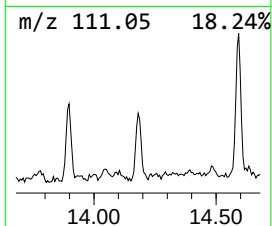
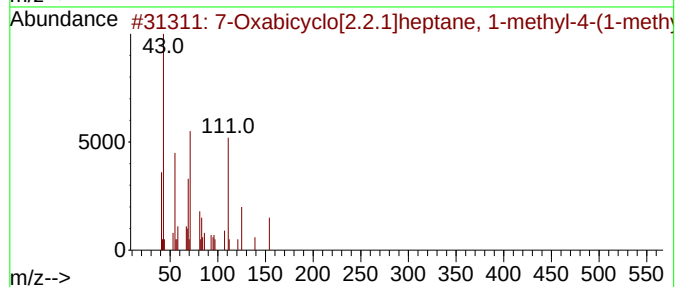
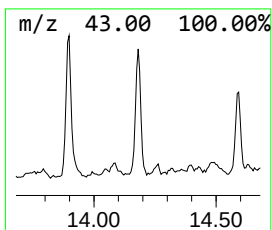
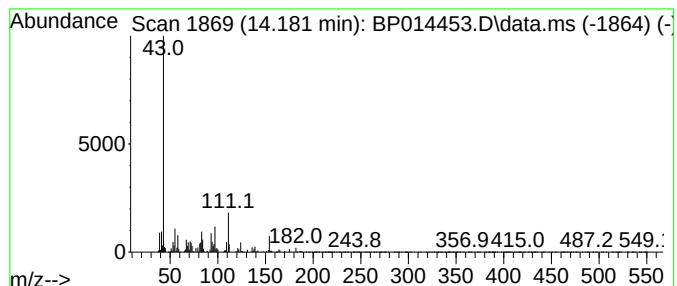
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.181	2.44 ng/ul	306135	Acenaphthene-d10	14.669	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	47
2	2-Acetylcyclohexanone	154	C9H14O2	006126-53-0	38
3	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	38
4	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	38
5	3-Ethylidene- heptan-2,6-dione	154	C9H14O2	1000223-47-9	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
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Instrument :
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ClientSampleId :
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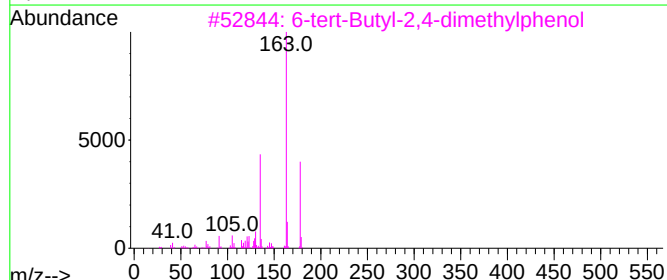
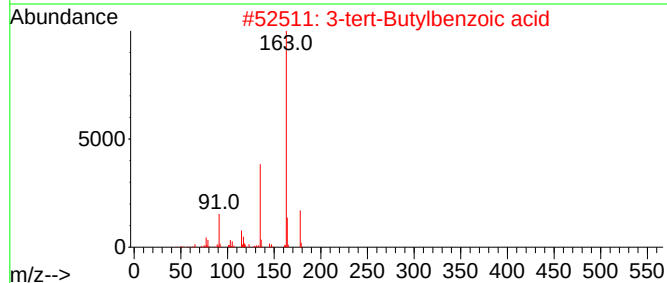
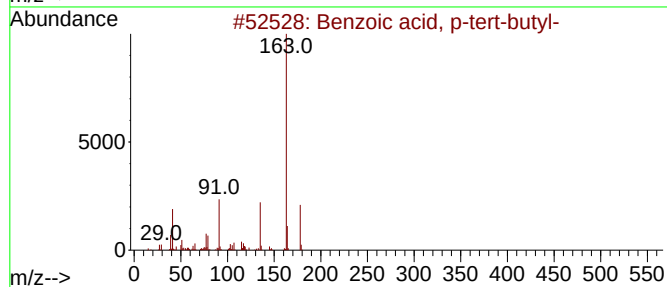
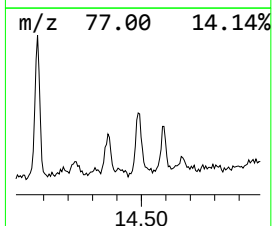
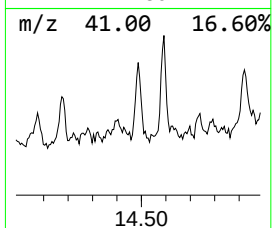
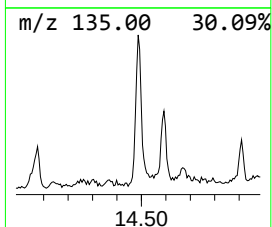
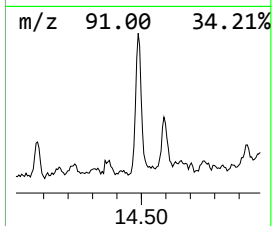
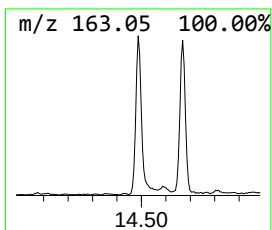
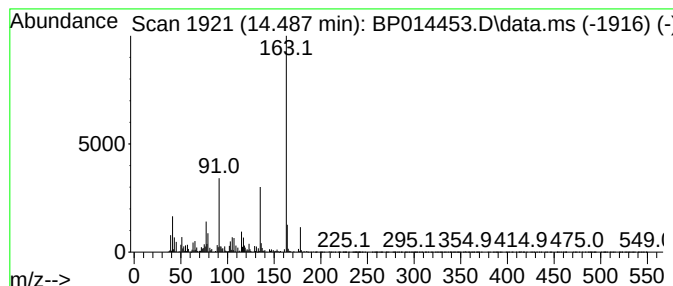
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzoic acid, p-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.487	4.61 ng/ul	578146	Acenaphthene-d10	14.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	91
2			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	87
3			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	72
5			2-tert-Butyl-4-ethylphenol, O-et...	250	C15H22O3	1000487-42-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
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Sample : 02093-04
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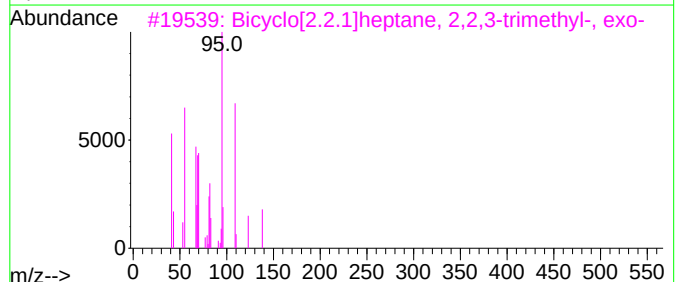
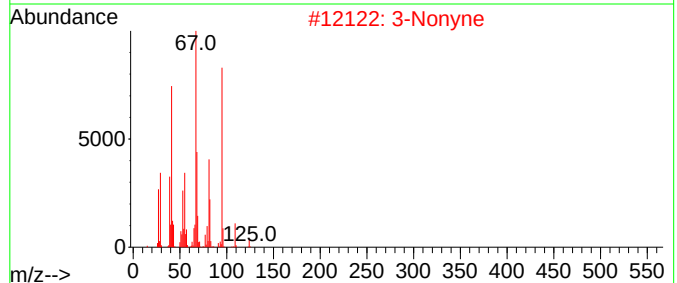
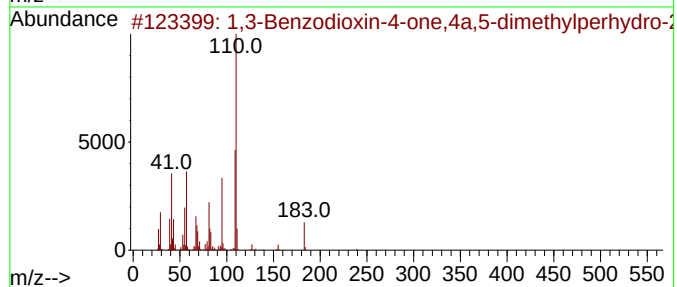
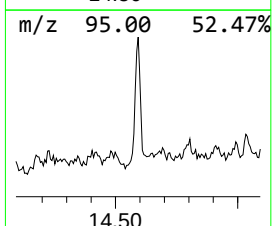
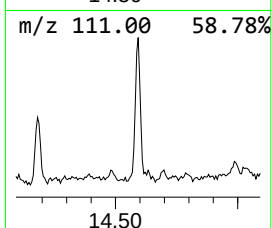
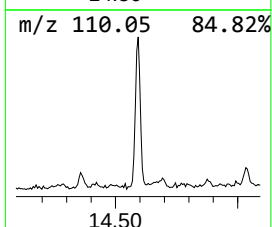
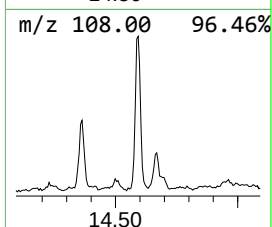
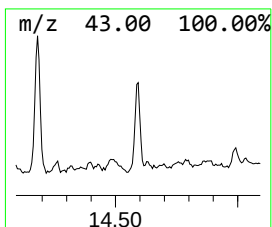
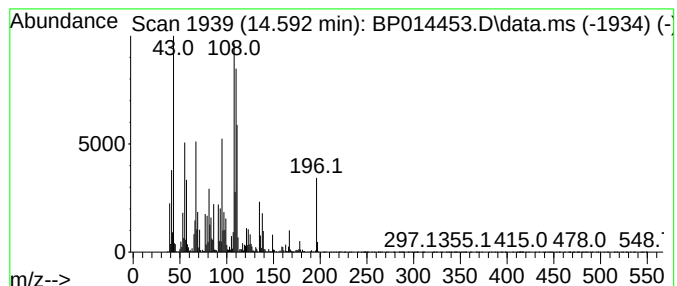
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.592	6.20 ng/ul	777931	Acenaphthene-d10	14.669	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxin-4-one,4a,5-dimet...	240	C14H24O3	1000197-45-5	25
2	3-Nonyne	124	C9H16	020184-89-8	15
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	15
4	3,4-Furandimethanol, diacetate	212	C10H12O5	030614-73-4	14
5	Chloromethyl 7-chloroheptanoate	212	C8H14Cl2O2	080418-63-9	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

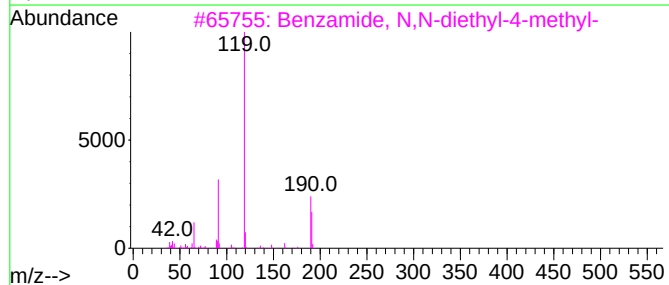
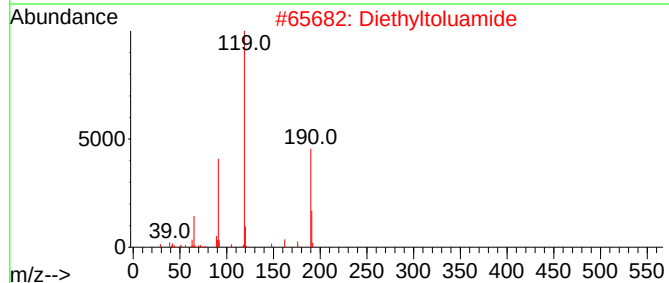
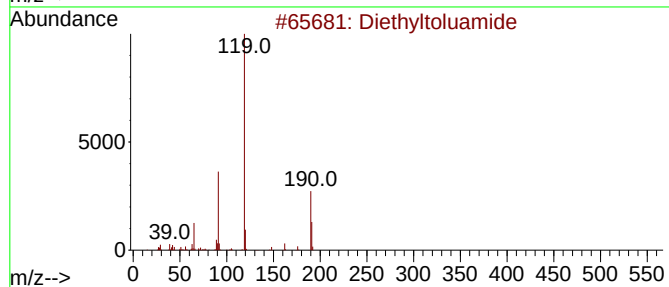
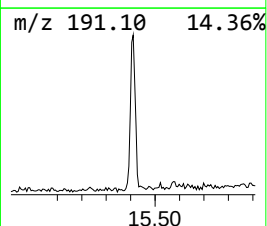
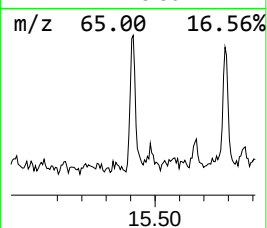
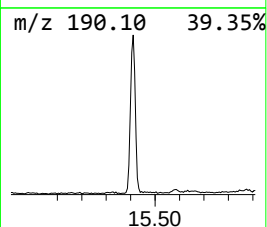
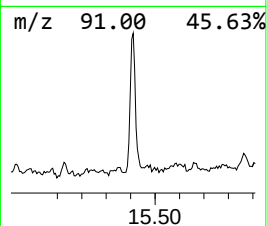
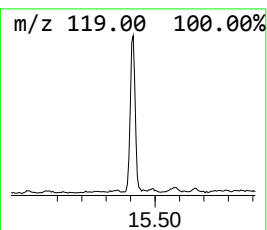
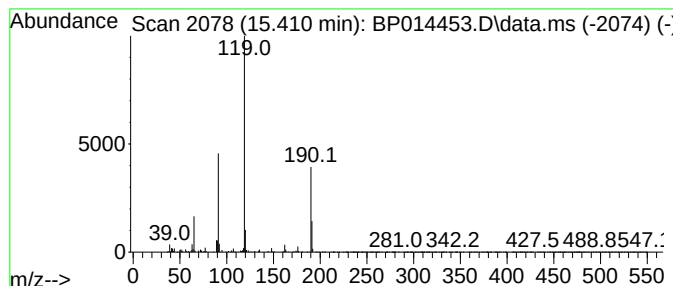
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Diethyltoluamide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.410	3.29 ng/ul	413052	Acenaphthene-d10	14.669	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
4	Diethyltoluamide	191	C12H17NO	000134-62-3	87
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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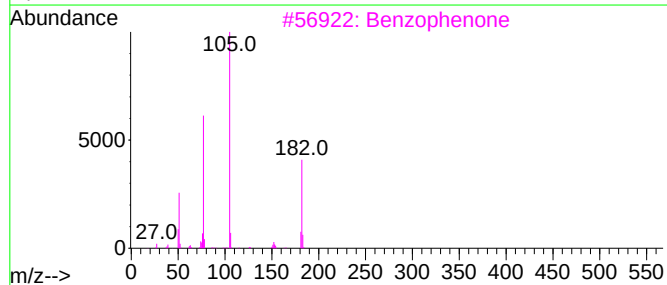
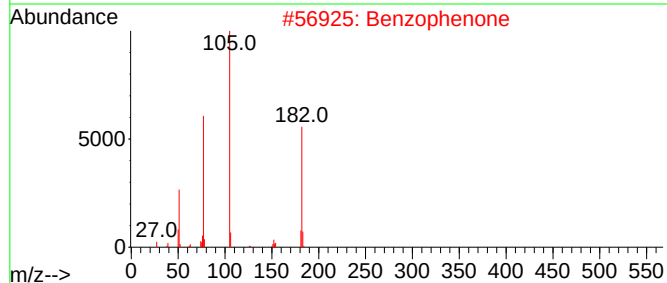
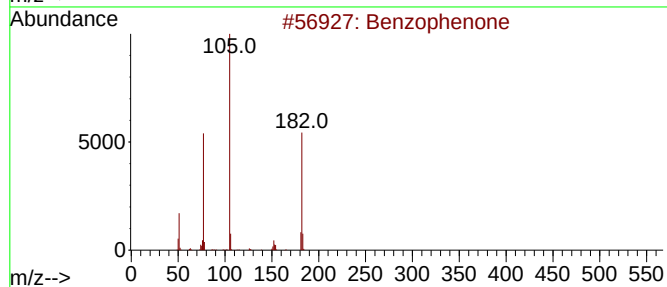
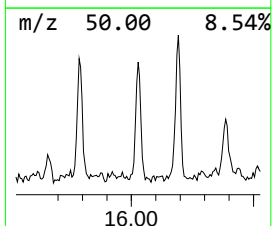
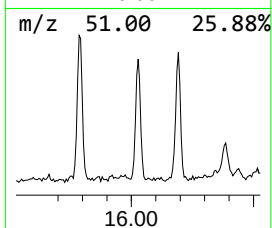
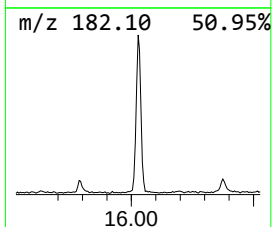
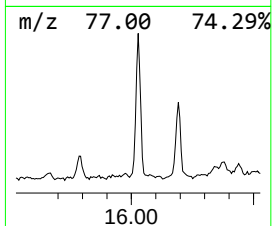
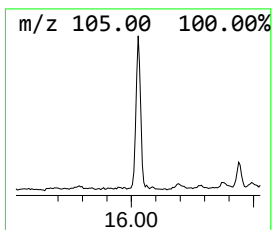
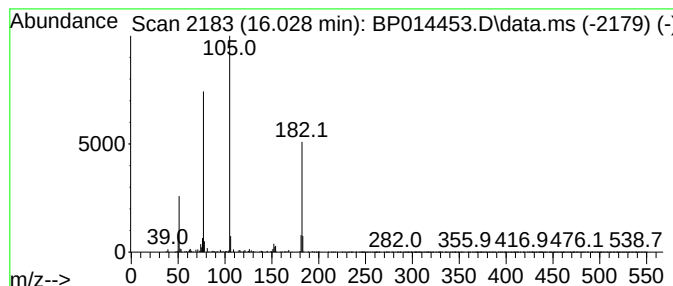
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.028	3.56 ng/ul	446932	Acenaphthene-d10	14.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzophenone	182	C13H10O	000119-61-9	94
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	90
5			Benzophenone	182	C13H10O	000119-61-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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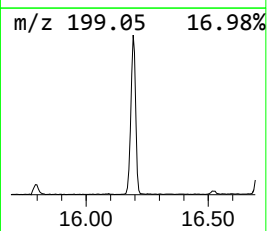
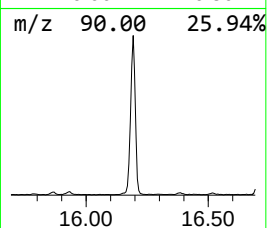
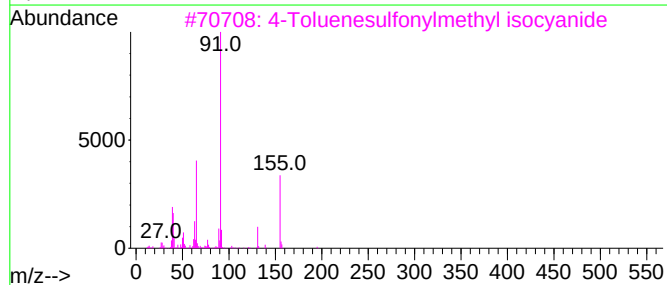
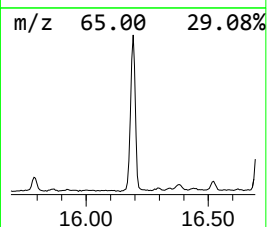
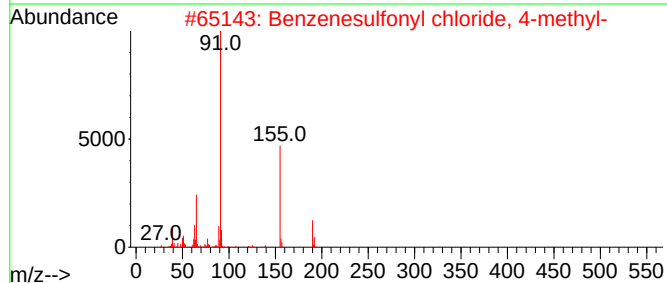
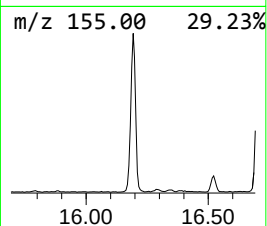
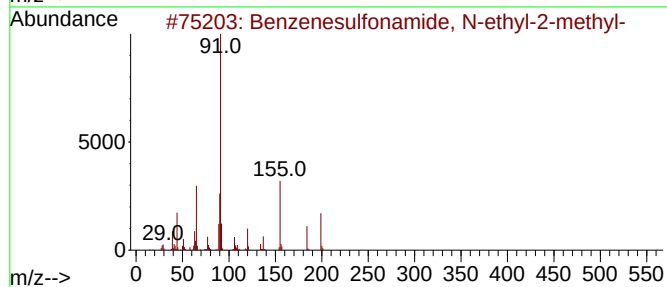
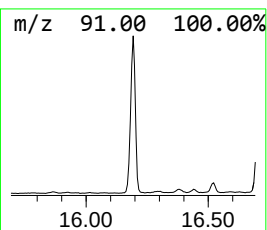
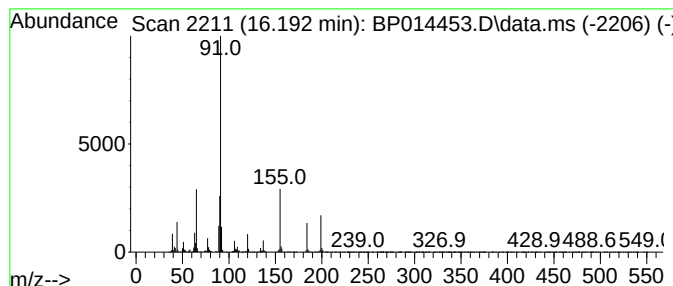
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzenesulfonamide, N-ethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	19.08 ng/ul	2794890	Phenanthrene-d10	17.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2			Benzenesulfonyl chloride, 4-methyl-	190	C7H7ClO2S	000098-59-9	58
3			4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	52
4			Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	49
5			Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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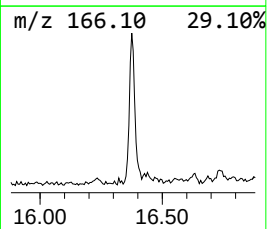
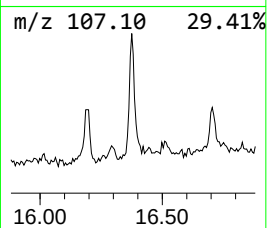
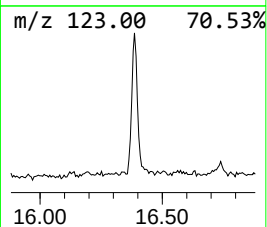
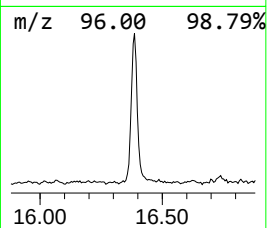
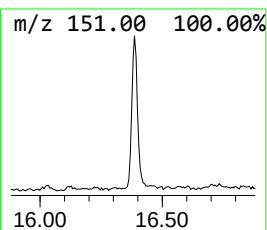
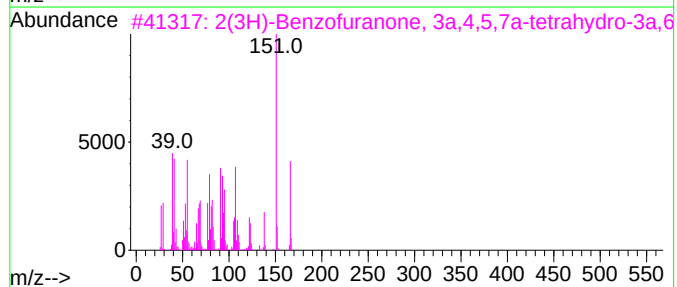
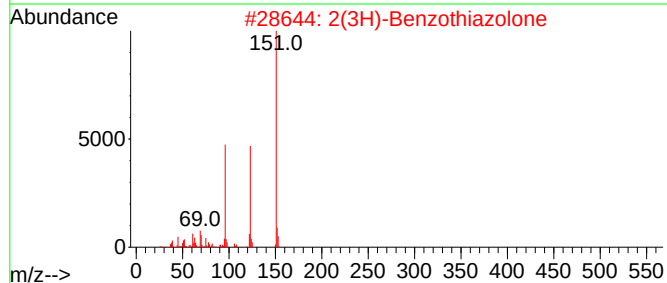
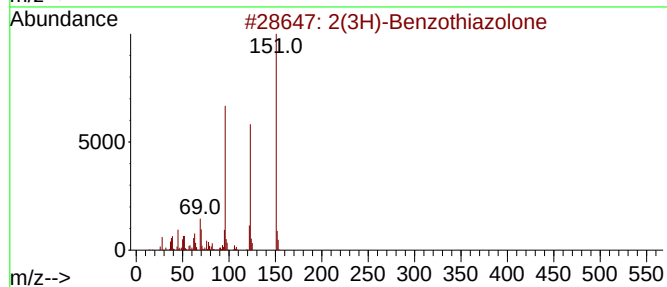
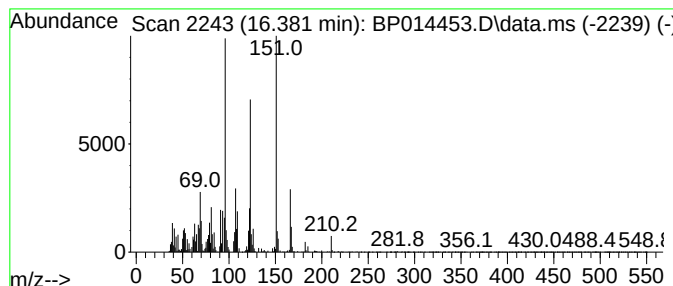
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 2(3H)-Benzothiazolone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.381	5.73 ng/ul	839433	Phenanthrene-d10	17.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone			151	C7H5NOS	000934-34-9	76
2	2(3H)-Benzothiazolone			151	C7H5NOS	000934-34-9	76
3	2(3H)-Benzofuranone, 3a,4,5,7a-t...			166	C10H14O2	033722-72-4	50
4	t-Butylhydroquinone			166	C10H14O2	001948-33-0	43
5	Germacyclopentane, 1,1-diphenyl-			284	C16H18Ge	004514-06-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
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Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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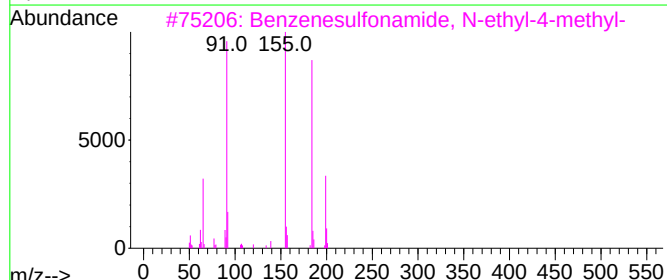
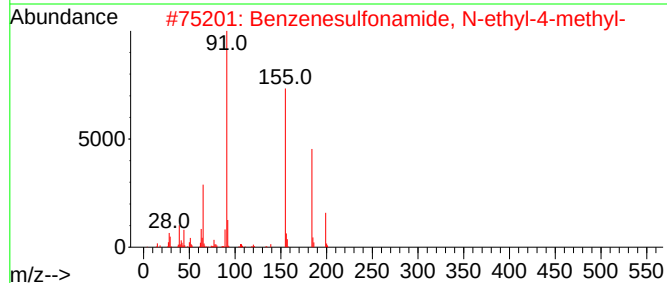
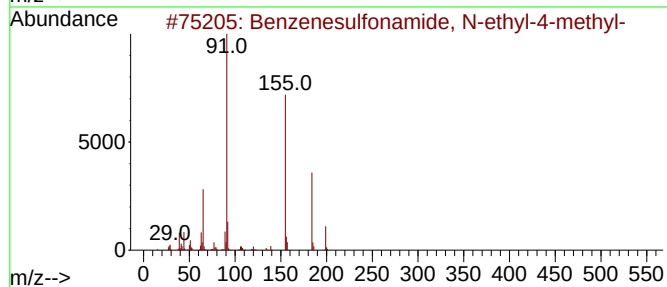
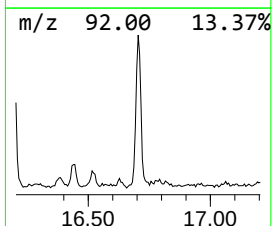
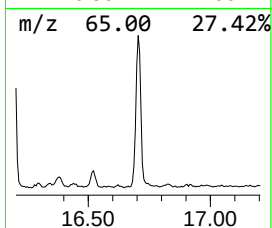
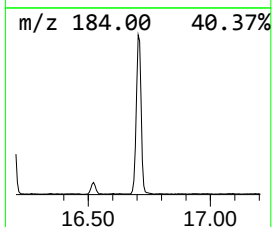
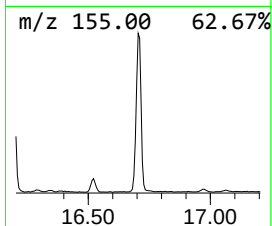
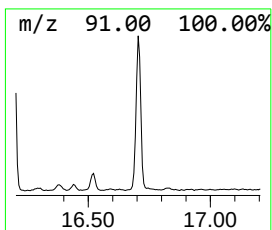
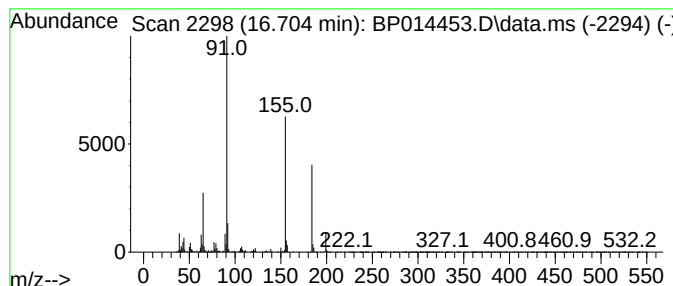
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzenesulfonamide, N-ethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.704	10.48 ng/ul	1534700	Phenanthrene-d10	17.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2			Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	95
3			Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	94
4			Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	91
5			N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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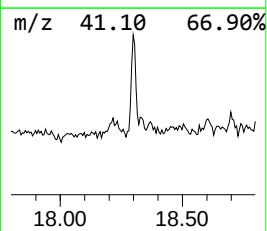
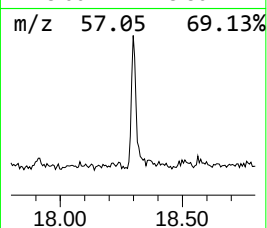
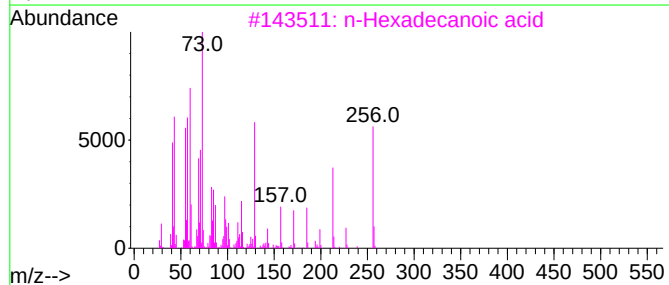
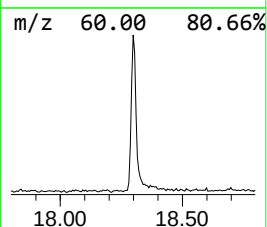
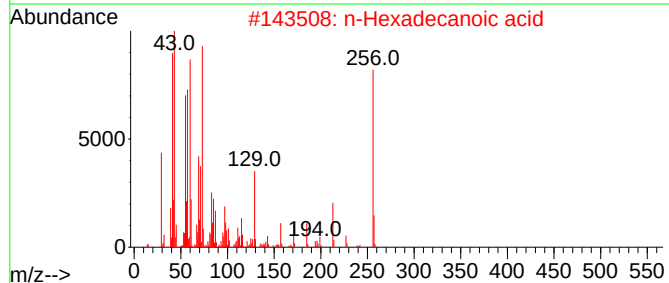
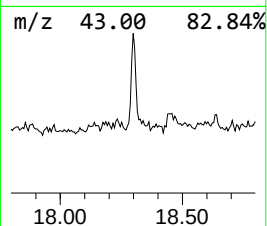
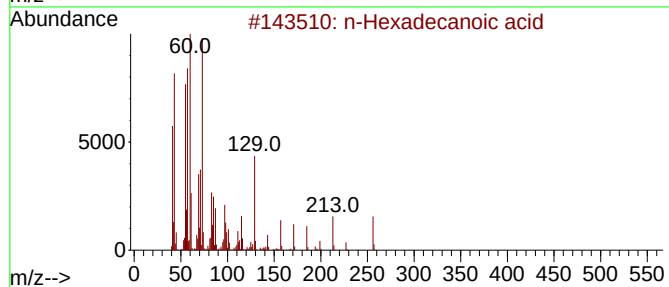
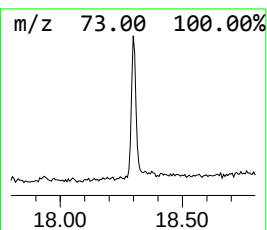
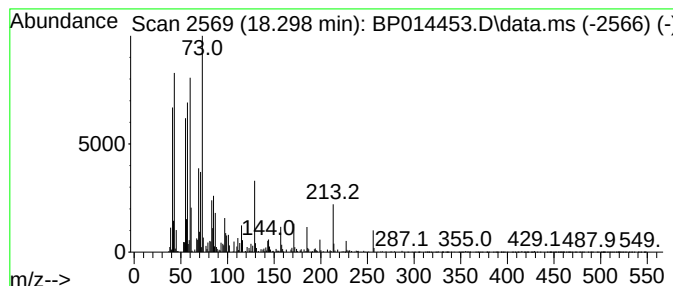
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.66 ng/ul	535677	Phenanthrene-d10	17.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5			Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
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Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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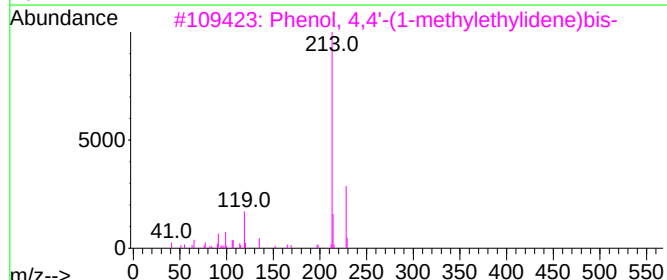
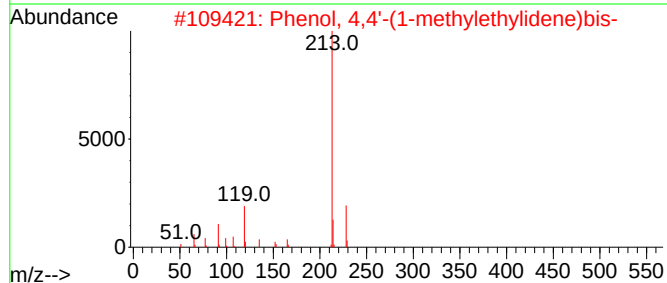
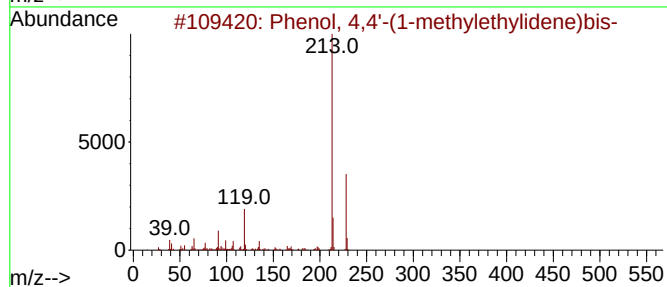
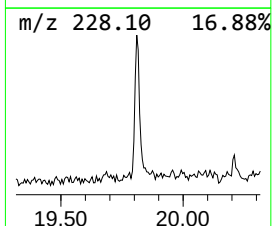
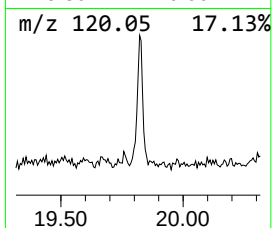
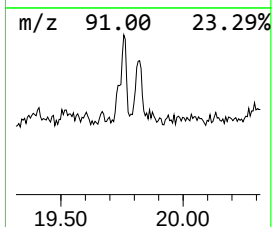
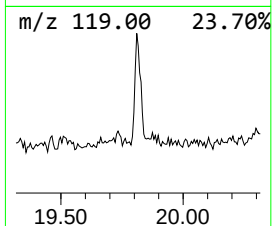
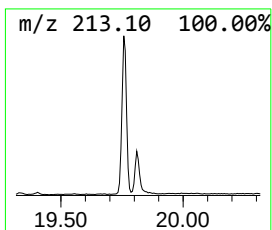
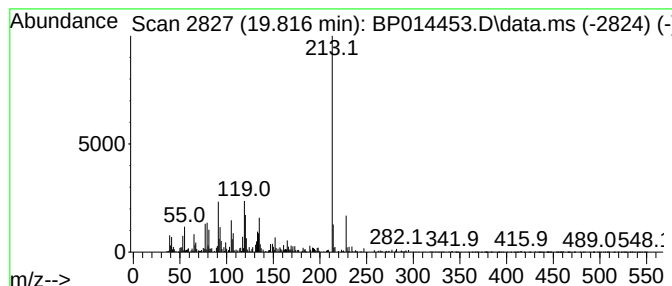
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenol, 4,4'-(1-methylethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.816	3.48 ng/ul	381706	Chrysene-d12	21.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	81
2			Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	74
3			Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	72
4			Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	70
5			3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB971

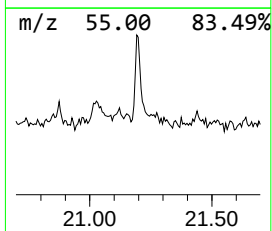
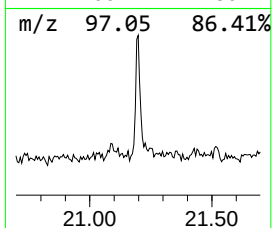
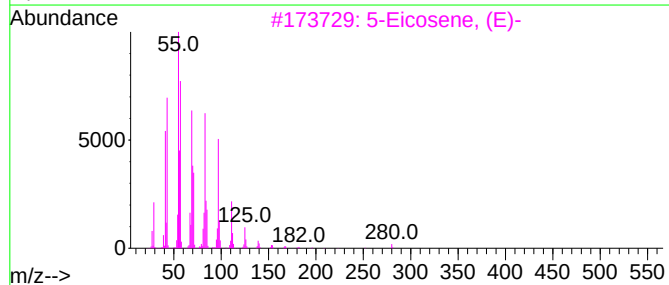
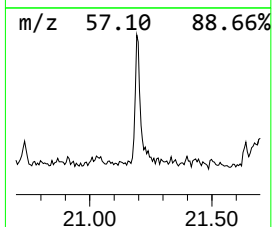
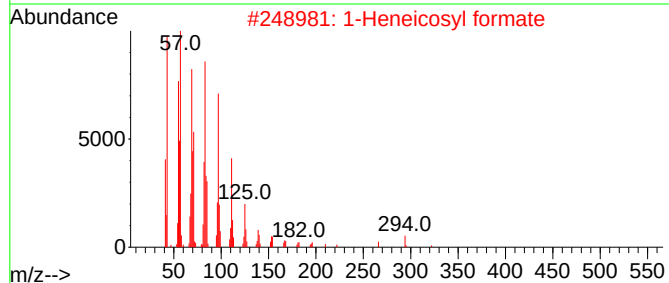
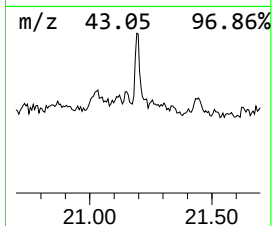
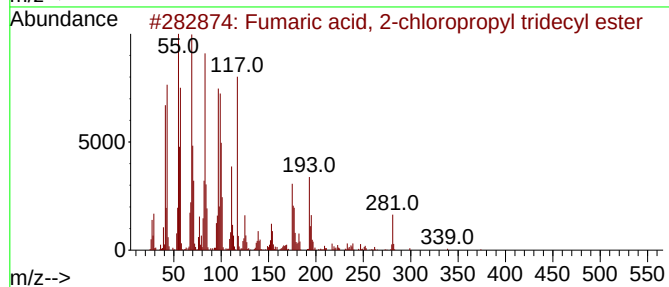
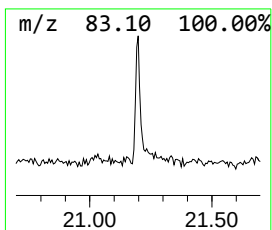
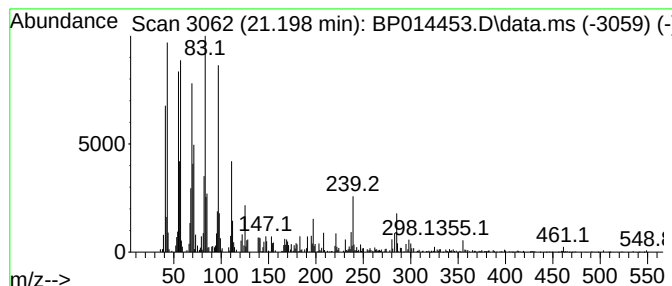
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Fumaric acid, 2-chloropropyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	4.10 ng/ul	450651	Chrysene-d12	21.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	99
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4			Eicosyl methyl ether	312	C21H44O	1000406-29-4	93
5			Nonacos-1-ene	406	C29H58	018835-35-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014453.D
Acq On : 31 Mar 2023 20:29
Operator : CG/JU
Sample : 02093-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB971

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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
3,4-Dimethyldih...	3.669	3.6	ng/ul	228223	1	8.010	1277180	20.0
Paraldehyde	4.216	6.1	ng/ul	387013	1	8.010	1277180	20.0
1,3-Oxathiolane	4.599	6.2	ng/ul	393180	1	8.010	1277180	20.0
(DEL) Alkane: S...	6.710	4.4	ng/ul	281037	1	8.010	1277180	20.0
Propanenitrile,...	8.093	2.1	ng/ul	131494	1	8.010	1277180	20.0
unknown-01	9.540	2.5	ng/ul	228547	2	10.834	1864460	20.0
trans-7-Oxabicy...	10.381	4.4	ng/ul	411070	2	10.834	1864460	20.0
3-Cyclohexen-1-...	12.040	2.1	ng/ul	195349	2	10.834	1864460	20.0
Benzenamine, 3-...	12.345	3.6	ng/ul	332792	2	10.834	1864460	20.0
unknown-02	12.457	2.7	ng/ul	248253	2	10.834	1864460	20.0
5-Norbornene-2-...	12.651	5.8	ng/ul	541242	2	10.834	1864460	20.0
(S)-2,5-Dimethy...	13.722	2.1	ng/ul	264401	3	14.669	2508350	20.0
unknown-03	13.898	3.7	ng/ul	468039	3	14.669	2508350	20.0
unknown-04	14.181	2.4	ng/ul	306135	3	14.669	2508350	20.0
Benzoic acid, p...	14.487	4.6	ng/ul	578146	3	14.669	2508350	20.0
unknown-05	14.592	6.2	ng/ul	777931	3	14.669	2508350	20.0
Diethyltoluamide	15.410	3.3	ng/ul	413052	3	14.669	2508350	20.0
Benzophenone	16.028	3.6	ng/ul	446932	3	14.669	2508350	20.0
Benzenesulfonam...	16.192	19.1	ng/ul	2794890	4	17.433	2928950	20.0
2(3H)-Benzothia...	16.381	5.7	ng/ul	839433	4	17.433	2928950	20.0
Benzenesulfonam...	16.704	10.5	ng/ul	1534700	4	17.433	2928950	20.0
n-Hexadecanoic ...	18.298	3.7	ng/ul	535677	4	17.433	2928950	20.0
Phenol, 4,4'-(1...	19.816	3.5	ng/ul	381706	5	21.516	2195660	20.0
Fumaric acid, 2...	21.198	4.1	ng/ul	450651	5	21.516	2195660	20.0