

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017513.D
 Acq On : 03 Oct 2023 12:41
 Operator : MA/JU
 Sample : 04417-35
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN4

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: BP017513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.099	676	682	695	rBV	180672	352475	5.99%	0.294%
2	7.275	703	712	721	rBV	322004	517921	8.80%	0.433%
3	7.457	735	743	751	rVV2	156111	282448	4.80%	0.236%
4	7.934	816	824	833	rBV	471757	749807	12.75%	0.626%
5	8.663	937	948	954	rBV	166751	305362	5.19%	0.255%
6	9.145	1025	1030	1036	rVB	371995	583634	9.92%	0.487%
7	10.398	1236	1243	1252	rBV2	173219	360330	6.13%	0.301%
8	10.657	1282	1287	1292	rBV	512859	731203	12.43%	0.611%
9	10.775	1301	1307	1312	rBV	671687	1148712	19.53%	0.959%
10	10.834	1312	1317	1325	rVB2	554222	1092143	18.56%	0.912%
11	10.945	1325	1336	1344	rBV2	299730	667256	11.34%	0.557%
12	11.410	1411	1415	1419	rBV3	143293	239523	4.07%	0.200%
13	11.616	1445	1450	1456	rVB	122764	213261	3.63%	0.178%
14	11.710	1461	1466	1471	rVB	445465	622058	10.57%	0.519%
15	11.981	1504	1512	1521	rBV7	128916	337919	5.74%	0.282%
16	12.122	1531	1536	1544	rVV	1229047	1795800	30.53%	1.500%
17	12.339	1566	1573	1577	rVB2	160103	293539	4.99%	0.245%
18	12.445	1584	1591	1601	rVB	752187	1306649	22.21%	1.091%
19	12.663	1623	1628	1633	rVB	391113	567612	9.65%	0.474%
20	12.757	1640	1644	1648	rBV	178868	292000	4.96%	0.244%
21	12.834	1653	1657	1660	rVV3	133786	242460	4.12%	0.202%
22	12.939	1669	1675	1681	rBV	282090	447959	7.61%	0.374%
23	13.028	1685	1690	1694	rVV	177415	257478	4.38%	0.215%
24	13.075	1694	1698	1704	rVV	638821	859543	14.61%	0.718%
25	13.381	1742	1750	1755	rBV	1915559	2782113	47.29%	2.323%
26	13.463	1759	1764	1769	rBV4	218375	351206	5.97%	0.293%
27	13.781	1812	1818	1819	rBV2	615777	914715	15.55%	0.764%
28	13.939	1835	1845	1850	rBV2	957467	1816840	30.88%	1.517%
29	13.998	1850	1855	1857	rVV	706302	1035434	17.60%	0.865%
30	14.045	1857	1863	1867	rVV2	973904	2260101	38.42%	1.887%
31	14.081	1867	1869	1874	rVB	260546	268876	4.57%	0.225%
32	14.181	1878	1886	1889	rBV2	404640	817605	13.90%	0.683%
33	14.333	1903	1912	1920	rBV4	1082695	2318446	39.41%	1.936%
34	14.463	1928	1934	1941	rVB	2795257	3493598	59.39%	2.917%
35	14.539	1941	1947	1952	rBV4	165579	374070	6.36%	0.312%
36	14.633	1959	1963	1967	rVB	806801	1011060	17.19%	0.844%

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

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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

37	14.833	1991	1997	2004	rVB2	290284	689707	11.72%	0.576%
38	14.904	2004	2009	2015	rBV6	286288	648626	11.03%	0.542%
39	14.957	2015	2018	2022	rBV	244159	279131	4.74%	0.233%
40	15.016	2022	2028	2035	rBV2	735218	1276872	21.70%	1.066%
41	15.098	2035	2042	2047	rVB3	710411	1634609	27.79%	1.365%
42	15.151	2048	2051	2057	rVB4	279053	386905	6.58%	0.323%
43	15.239	2061	2066	2072	rBV	479517	831702	14.14%	0.695%
44	15.298	2072	2076	2084	rVB3	569418	949251	16.14%	0.793%
45	15.422	2085	2097	2104	rBV	3164837	5039880	85.67%	4.209%
46	15.533	2110	2116	2119	rBV4	116035	229585	3.90%	0.192%
47	15.639	2129	2134	2138	rBV	1218675	1775639	30.18%	1.483%
48	15.722	2143	2148	2155	rBV4	260424	500351	8.51%	0.418%
49	15.822	2160	2165	2171	rVB	1068631	1826137	31.04%	1.525%
50	15.875	2171	2174	2180	rBV3	147292	276280	4.70%	0.231%
51	15.986	2189	2193	2200	rVB3	500344	885216	15.05%	0.739%
52	16.057	2200	2205	2208	rBV	378661	530684	9.02%	0.443%
53	16.127	2213	2217	2221	rBV3	182191	271632	4.62%	0.227%
54	16.298	2241	2246	2253	rVV	3610610	5882861	100.00%	4.913%
55	16.351	2253	2255	2263	rVB3	301547	572537	9.73%	0.478%
56	16.763	2321	2325	2328	rBV2	218116	303832	5.16%	0.254%
57	16.810	2330	2333	2340	rVB4	248808	350988	5.97%	0.293%
58	16.875	2341	2344	2348	rBV2	217702	290511	4.94%	0.243%
59	16.927	2350	2353	2356	rBV2	164268	213099	3.62%	0.178%
60	17.104	2376	2383	2387	rBV2	2476302	3273414	55.64%	2.734%
61	17.145	2387	2390	2395	rVB	1064082	1409000	23.95%	1.177%
62	17.239	2402	2406	2413	rBV2	201701	335079	5.70%	0.280%
63	17.422	2432	2437	2441	rBV	1147106	1711567	29.09%	1.429%
64	17.469	2441	2445	2450	rVB	974330	1371103	23.31%	1.145%
65	17.527	2450	2455	2458	rBV	1147277	1688383	28.70%	1.410%
66	17.651	2473	2476	2482	rVB2	161279	278248	4.73%	0.232%
67	17.739	2486	2491	2499	rVB5	250344	661655	11.25%	0.553%
68	17.857	2506	2511	2519	rVB	2159047	2606392	44.30%	2.177%
69	18.004	2532	2536	2546	rVB3	312885	561165	9.54%	0.469%
70	18.286	2580	2584	2588	rBV	452445	635368	10.80%	0.531%
71	18.339	2589	2593	2598	rVB	475611	679080	11.54%	0.567%
72	18.474	2612	2616	2620	rVV3	252063	351523	5.98%	0.294%
73	18.533	2620	2626	2632	rVB2	1476321	1954365	33.22%	1.632%
74	18.780	2663	2668	2673	rBV3	264250	497890	8.46%	0.416%
75	19.098	2719	2722	2726	rBV2	177791	215570	3.66%	0.180%
76	19.151	2727	2731	2734	rBV	958763	1112300	18.91%	0.929%

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77	19.339	2760	2763	2773	rVB2	302693	517138	8.79%	0.432%
78	19.451	2776	2782	2787	rBV	4100309	5255629	89.34%	4.389%
79	19.598	2803	2807	2811	rVB	271792	341585	5.81%	0.285%
80	19.716	2823	2827	2831	rVB2	662439	827873	14.07%	0.691%
81	19.780	2832	2838	2840	rVV2	1772878	2915714	49.56%	2.435%
82	19.810	2840	2843	2848	rVV	3559816	4424935	75.22%	3.695%
83	19.868	2850	2853	2858	rVB2	190801	255213	4.34%	0.213%
84	19.980	2869	2872	2876	rVB	263863	285450	4.85%	0.238%
85	20.110	2891	2894	2903	rVB4	285828	589022	10.01%	0.492%
86	20.245	2913	2917	2921	rBV3	454372	665007	11.30%	0.555%
87	20.445	2949	2951	2955	rVB	292707	294261	5.00%	0.246%
88	21.033	3048	3051	3056	rVB	448670	567097	9.64%	0.474%
89	21.198	3075	3079	3082	rBV2	423788	604082	10.27%	0.504%
90	21.233	3083	3085	3089	rVV	388575	470262	7.99%	0.393%
91	21.274	3089	3092	3098	rVV2	346797	591884	10.06%	0.494%
92	21.339	3100	3103	3108	rVB	372222	465584	7.91%	0.389%
93	21.545	3134	3138	3145	rBV2	2543687	5840818	99.29%	4.878%
94	21.604	3145	3148	3153	rVB	2304014	2736497	46.52%	2.285%
95	23.345	3438	3444	3450	rBV	1725358	4453255	75.70%	3.719%
96	23.915	3536	3541	3546	rBV	923569	1878203	31.93%	1.568%
97	23.974	3546	3551	3556	rVV2	1048446	2340079	39.78%	1.954%
98	24.033	3556	3561	3569	rVB	1479713	3021247	51.36%	2.523%
99	24.151	3576	3581	3586	rVB	737563	1310123	22.27%	1.094%
100	26.892	4041	4047	4063	rVB3	712749	2398306	40.77%	2.003%

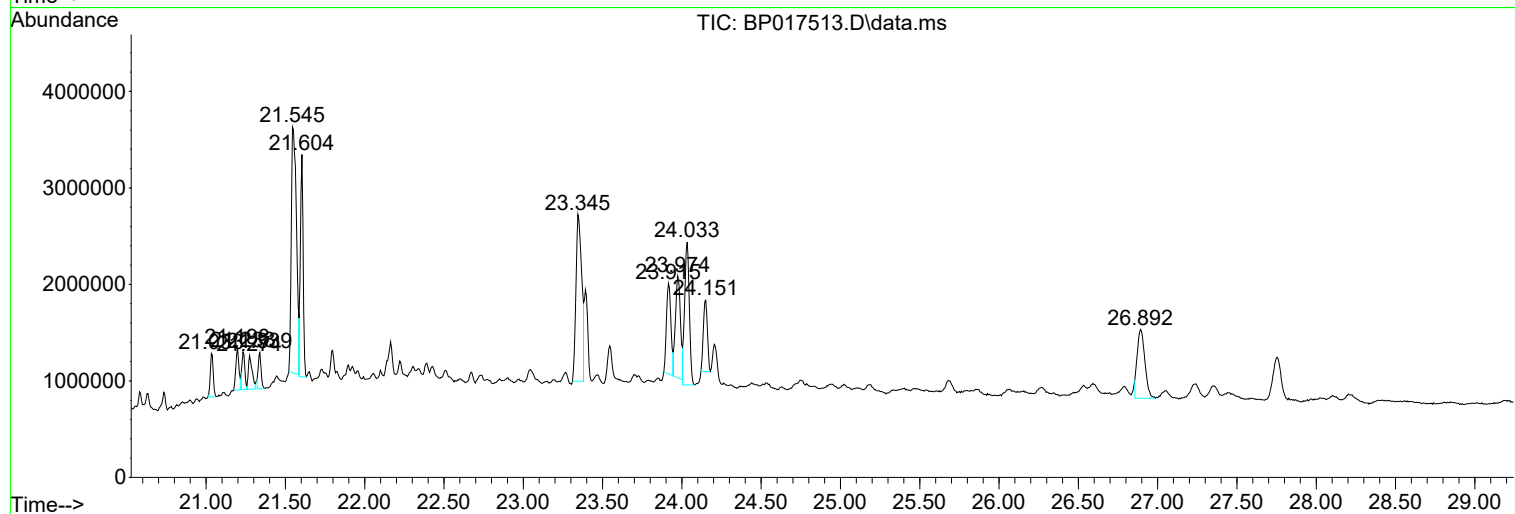
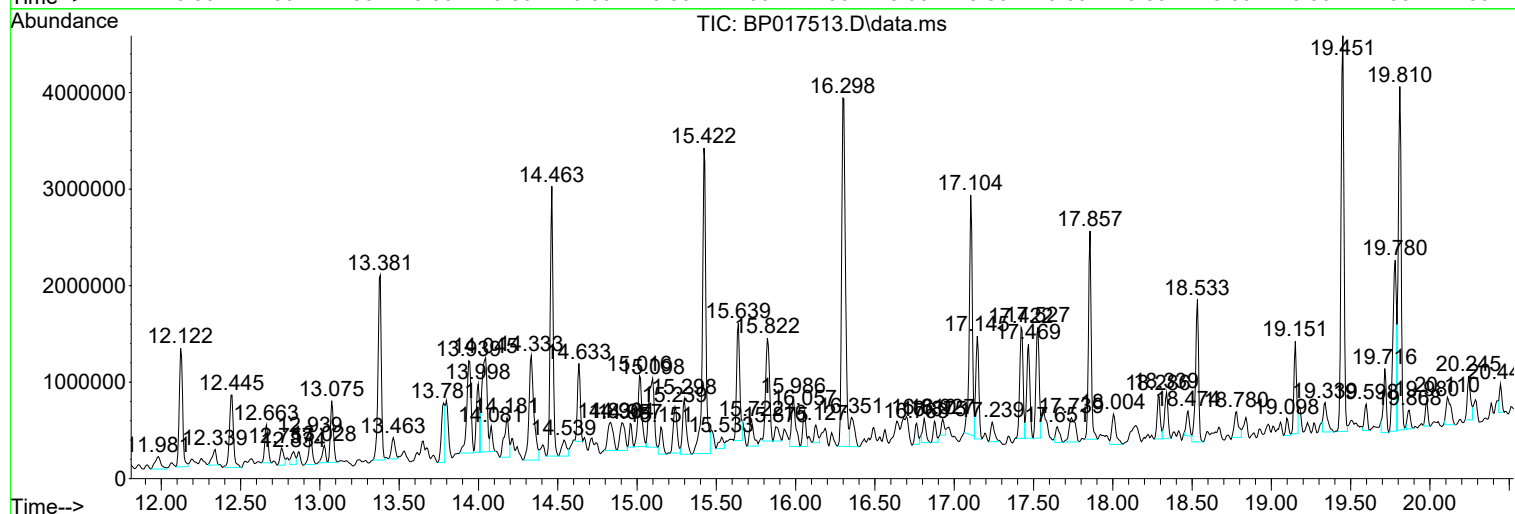
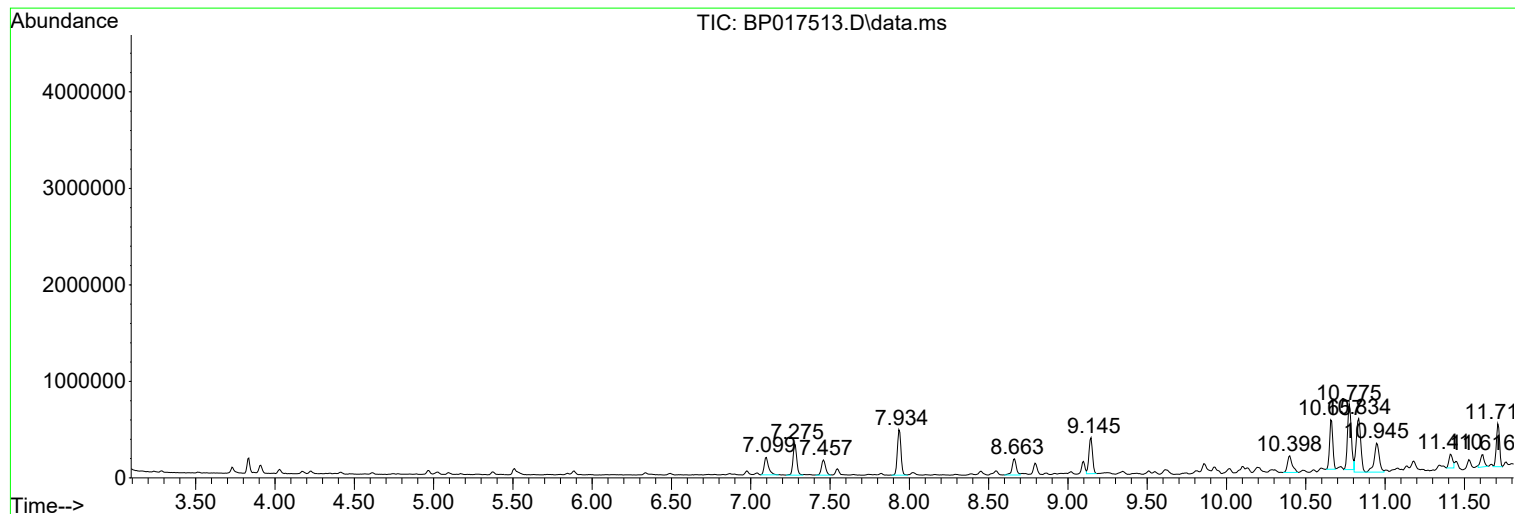
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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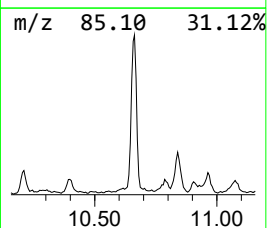
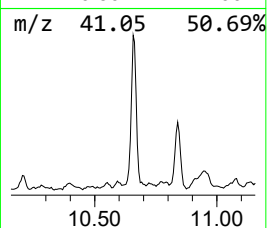
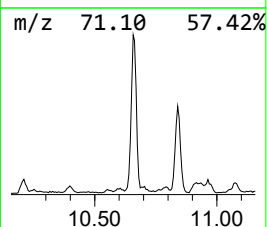
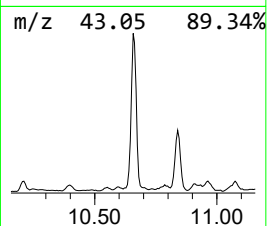
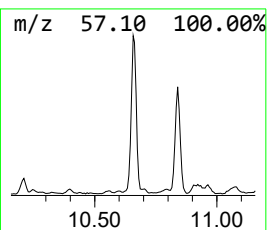
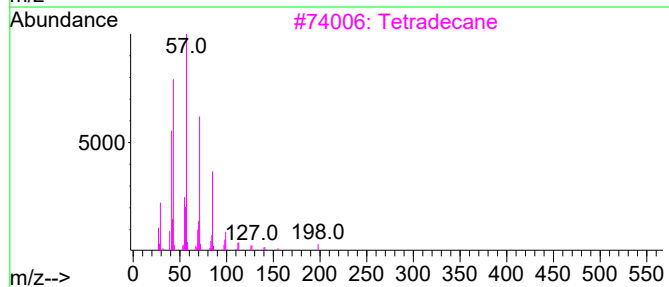
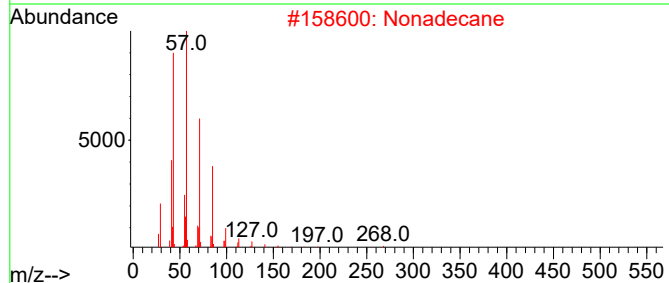
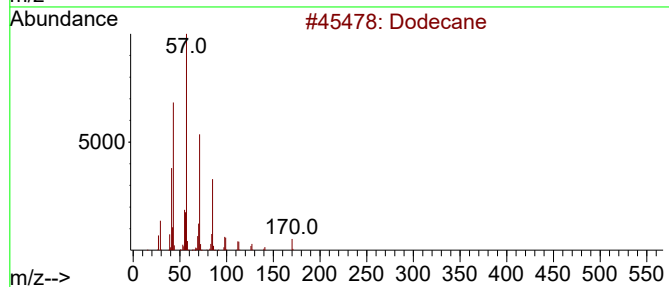
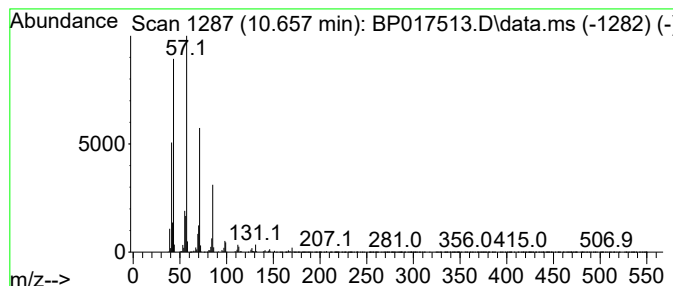
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.657	12.73 ng/ul	731203	Naphthalene-d8	10.775	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	95
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Hexadecane	226	C16H34	000544-76-3	86



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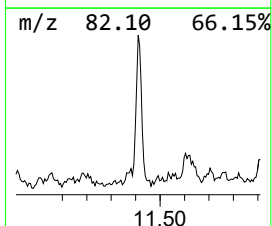
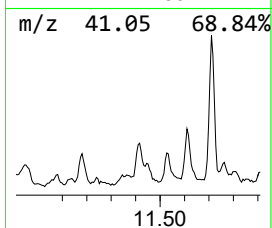
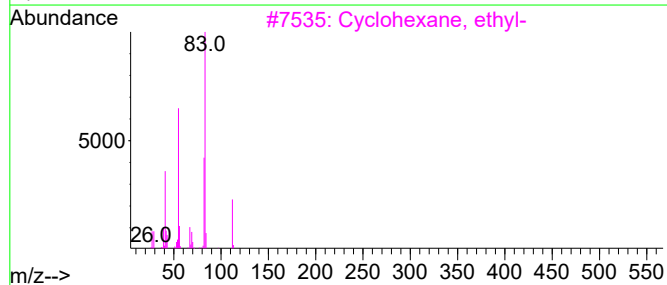
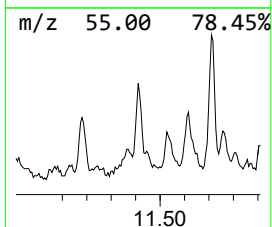
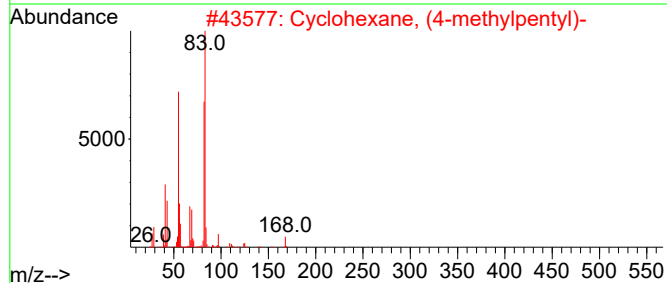
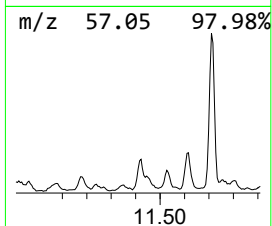
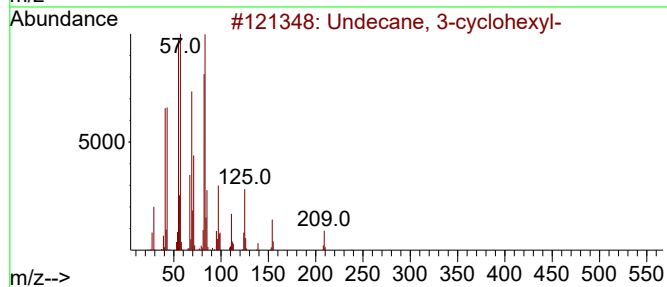
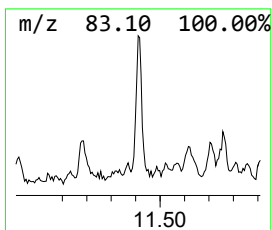
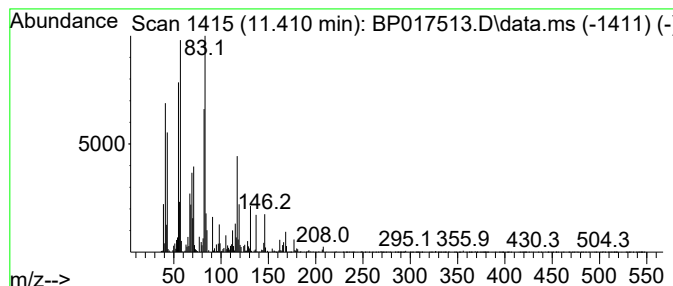
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic11.410 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	4.17 ng/ul	239523	Naphthalene-d8	10.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-cyclohexyl-	238	C17H34	013151-78-5	43
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
4			2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	35
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	27



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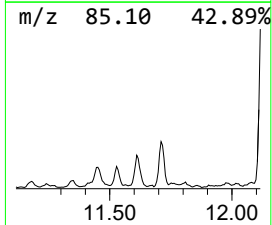
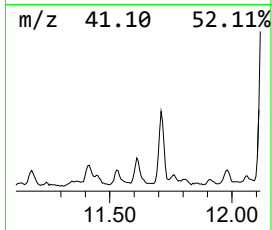
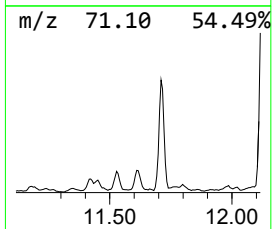
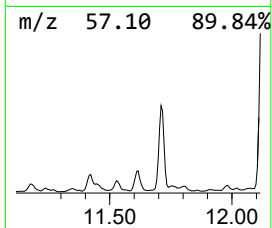
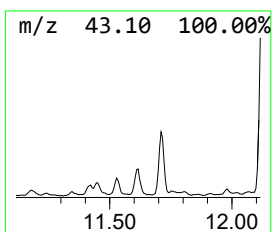
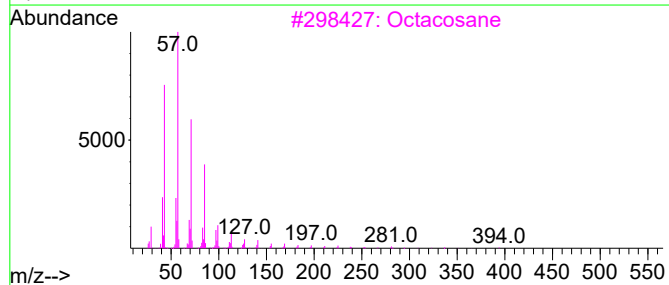
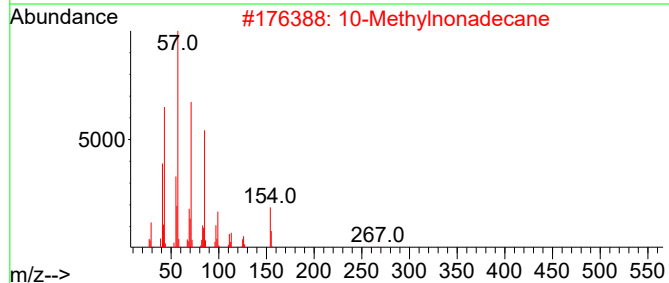
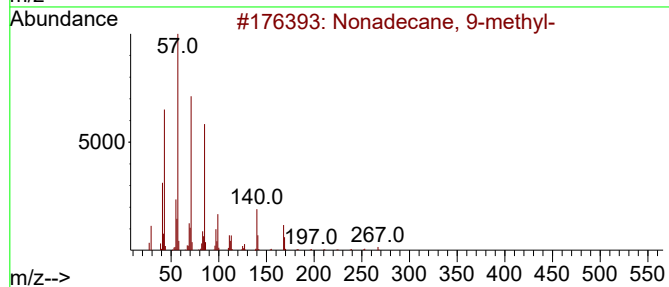
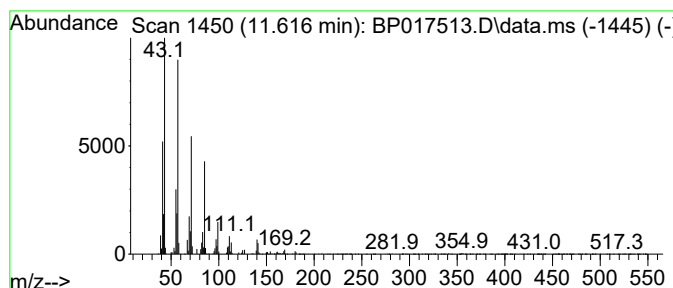
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.616	3.71 ng/ul	213261	Naphthalene-d8	10.775	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Octacosane	394	C28H58	000630-02-4	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

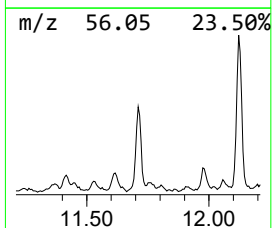
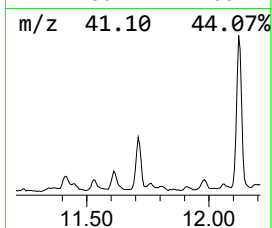
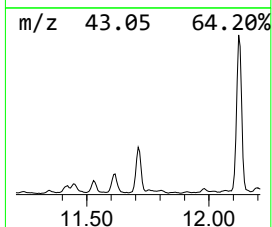
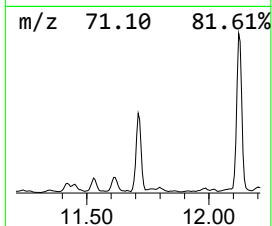
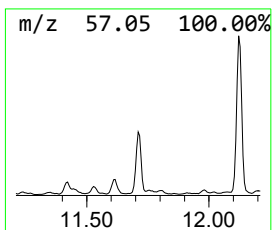
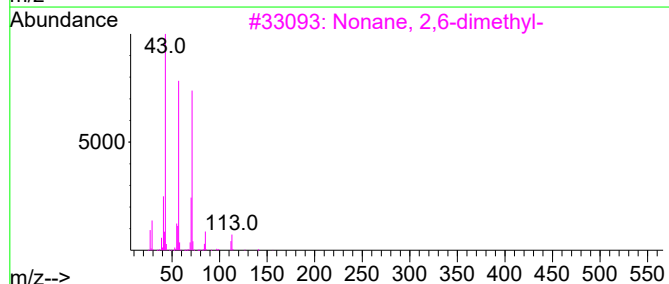
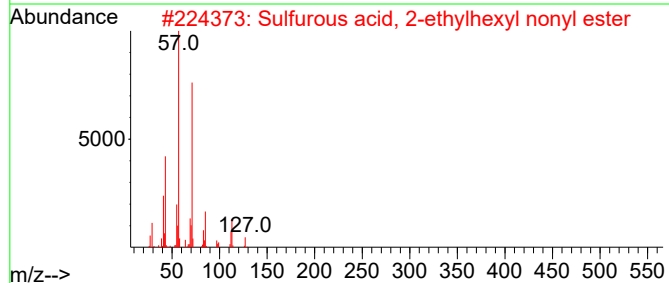
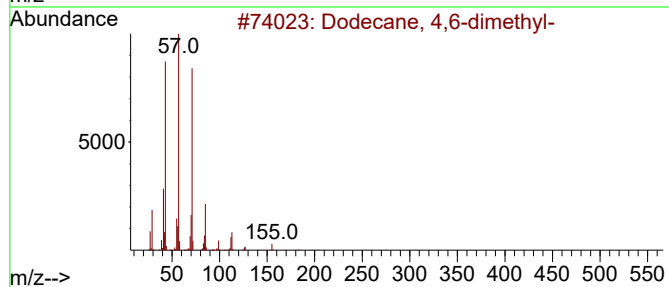
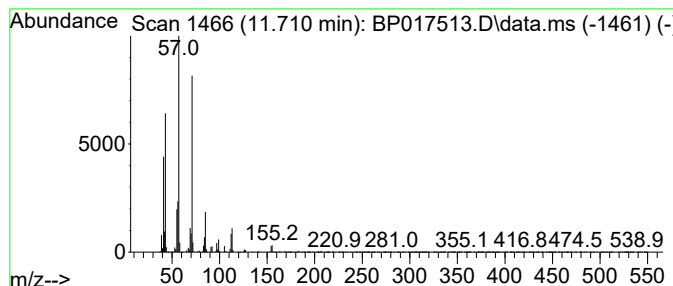
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.710	10.83 ng/ul	622058	Naphthalene-d8	10.775	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	93
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
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Sample : 04417-35
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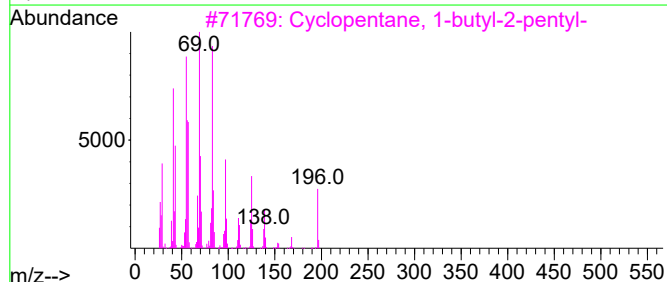
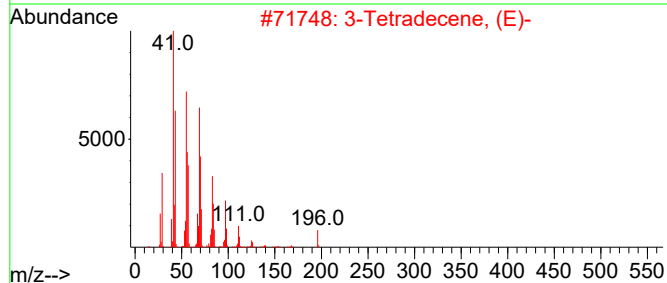
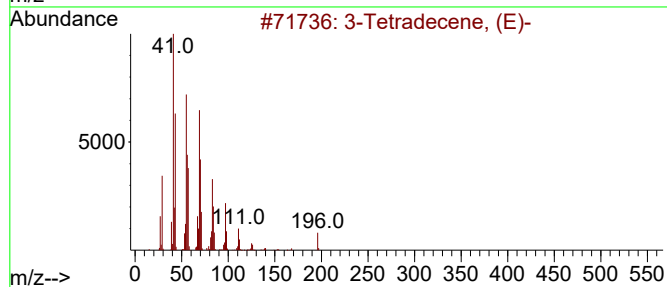
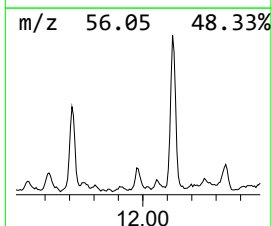
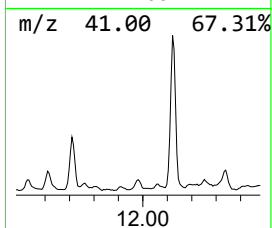
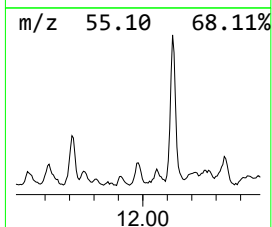
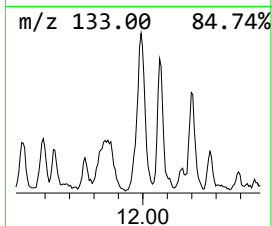
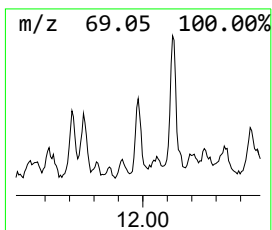
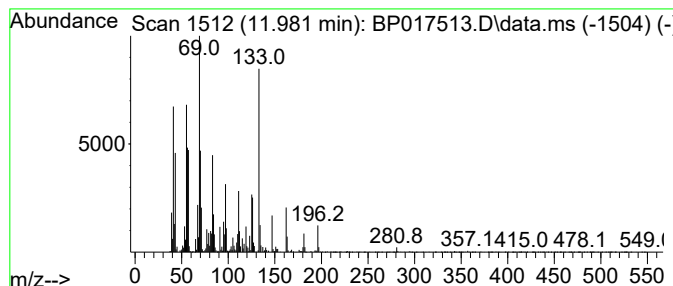
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.981	5.88 ng/ul	337919	Naphthalene-d8	10.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Tetradecene, (E)-	196	C14H28	041446-68-8	70
2			3-Tetradecene, (E)-	196	C14H28	041446-68-8	70
3			Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	60
4			6-Tetradecene, (E)-	196	C14H28	041446-64-4	55
5			5-Tetradecene, (Z)-	196	C14H28	041446-62-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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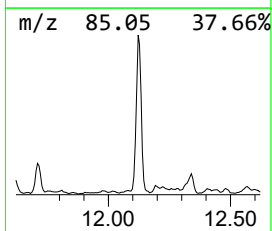
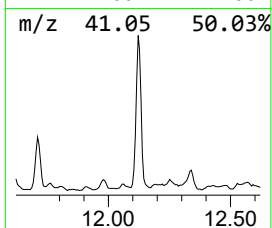
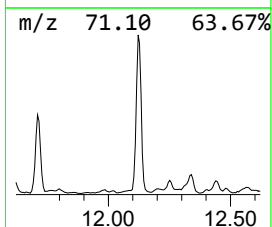
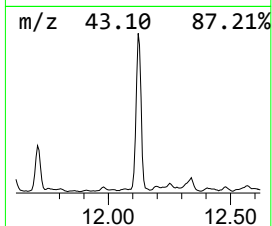
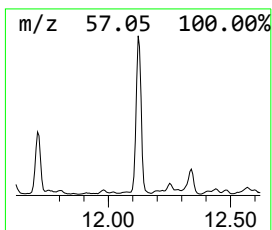
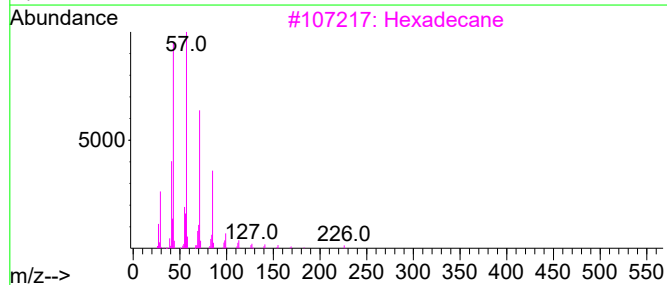
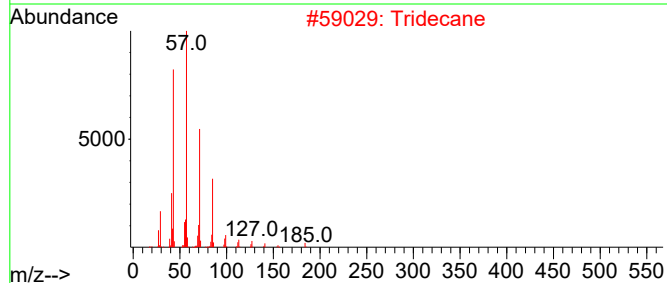
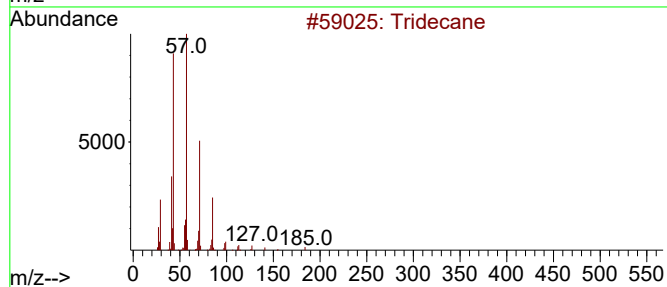
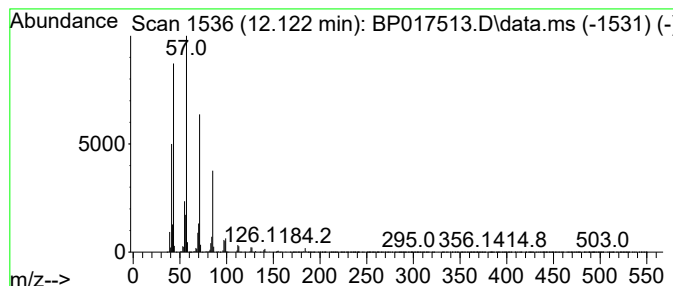
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	31.27 ng/ul	1795800	Naphthalene-d8	10.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tridecane	184	C13H28	000629-50-5	90
3			Hexadecane	226	C16H34	000544-76-3	87
4			Tridecane	184	C13H28	000629-50-5	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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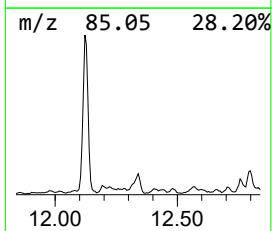
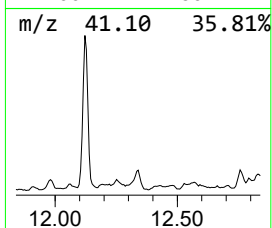
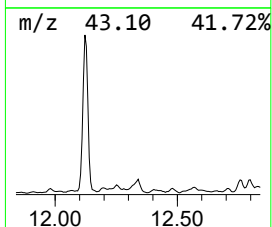
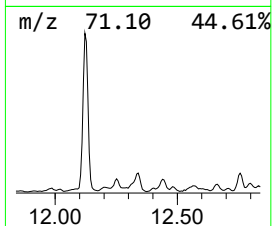
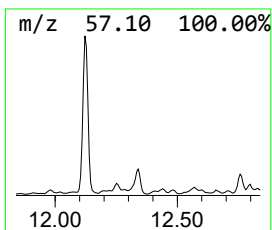
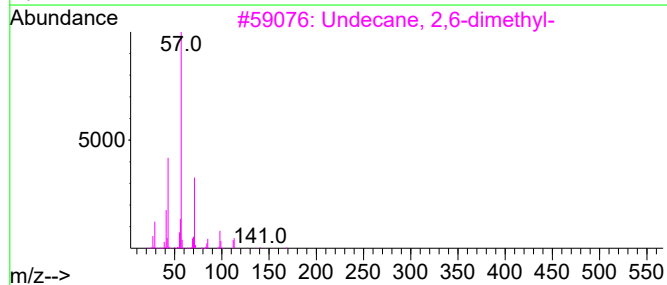
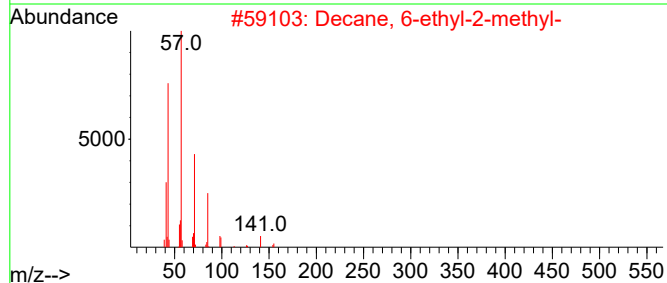
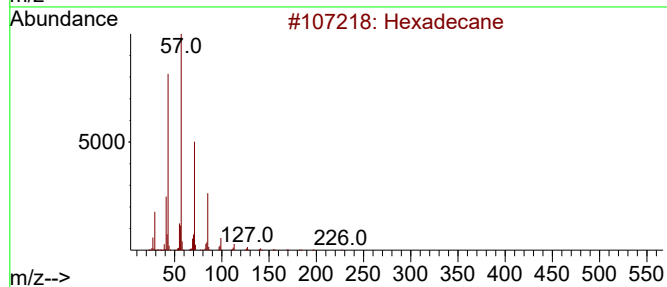
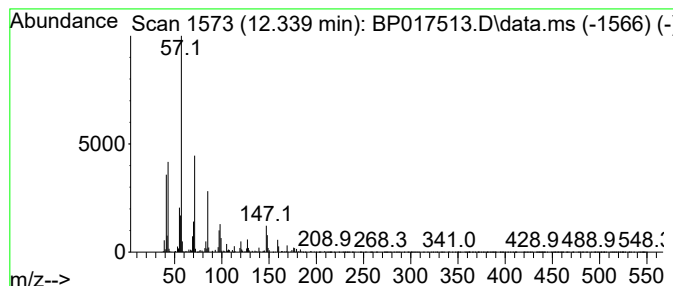
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	5.11 ng/ul	293539	Naphthalene-d8	10.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	50
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Sample : 04417-35
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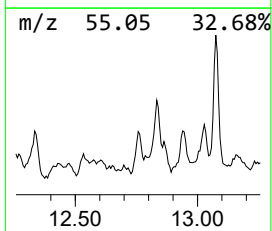
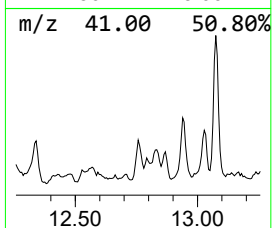
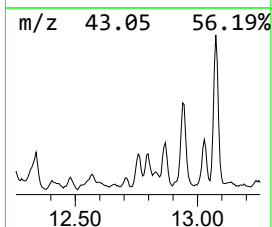
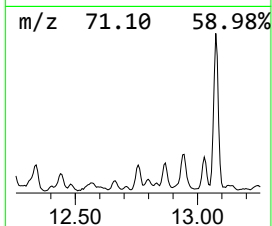
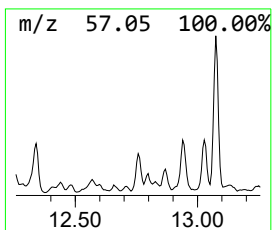
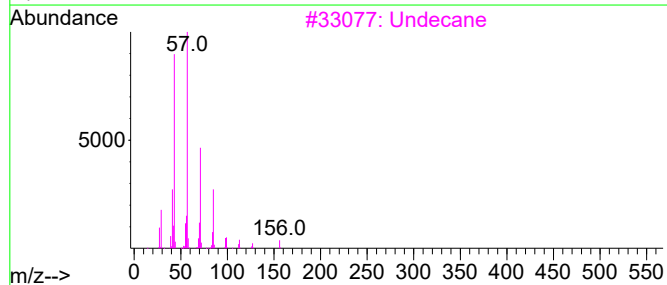
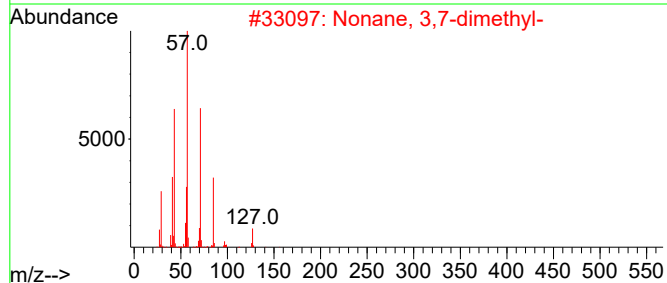
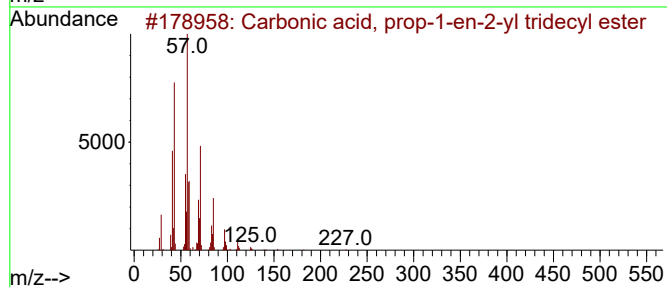
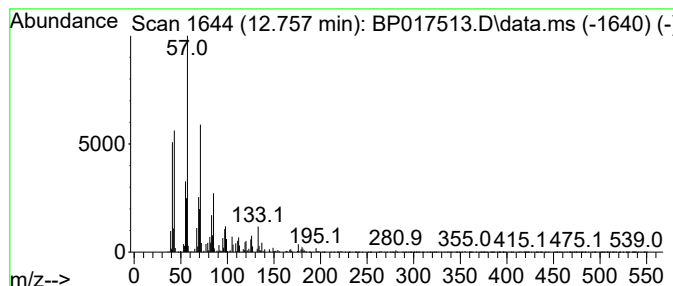
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Carbonic acid, prop-1-en-2-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.757	5.78 ng/ul	292000	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
3	Undecane	156	C11H24	001120-21-4	50
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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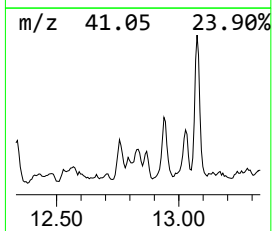
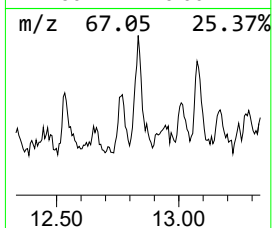
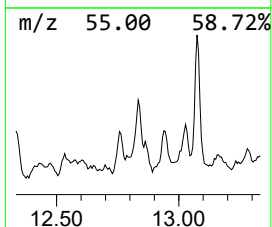
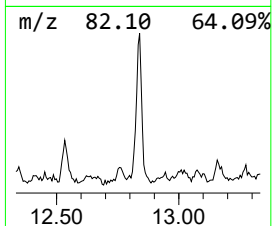
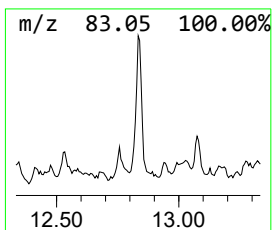
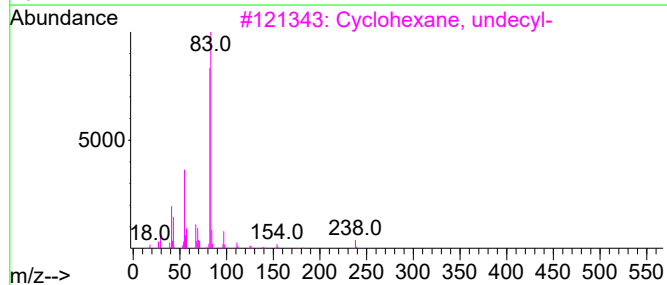
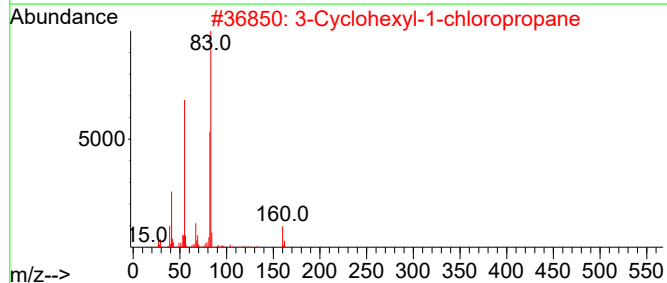
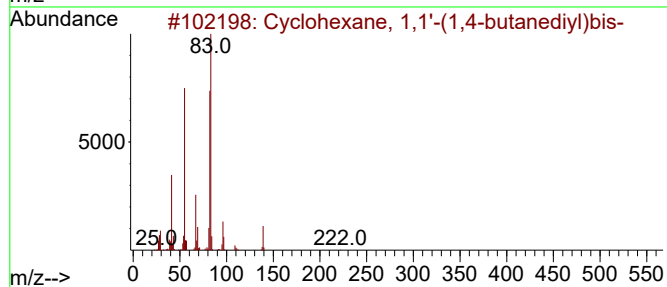
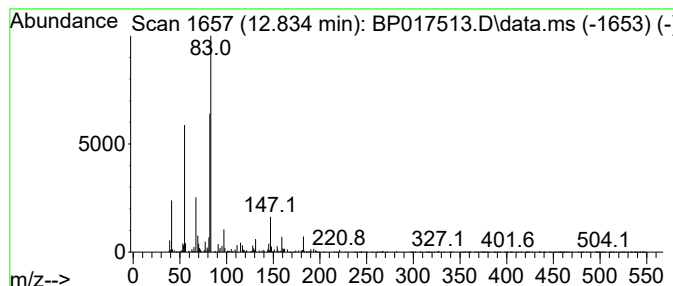
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclohexane, 1,1'-(1,4-buta... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.834	4.80 ng/ul	242460	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	56
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	53
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
4	Dodecylcyclohexane	252	C18H36	001795-17-1	53
5	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

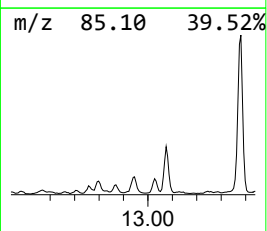
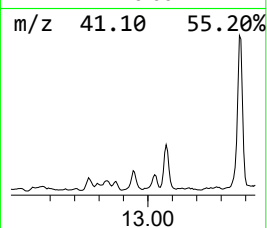
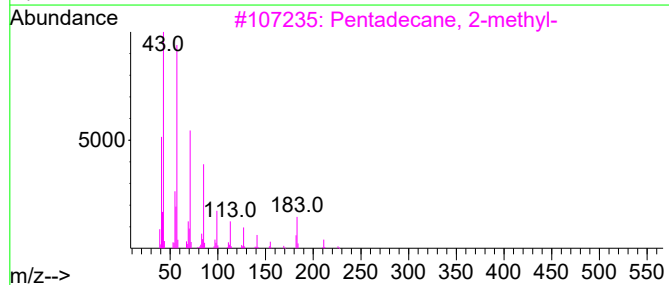
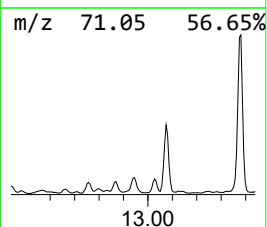
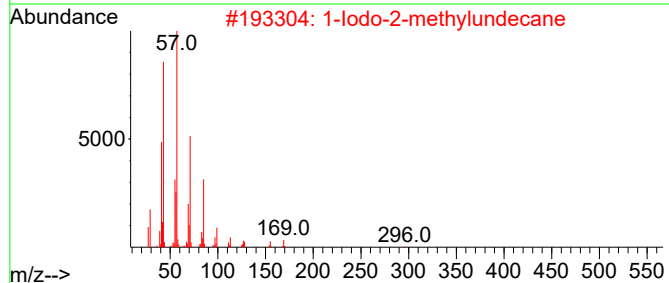
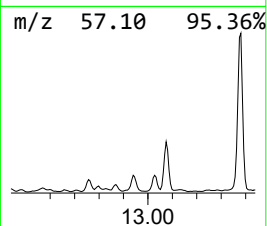
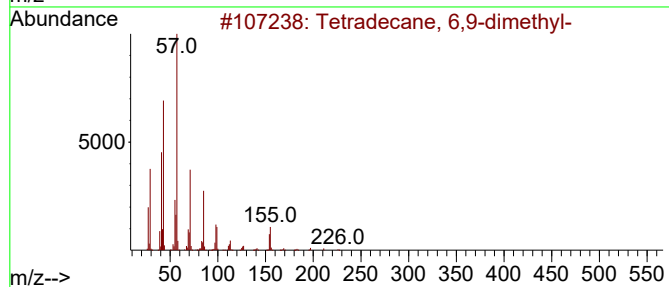
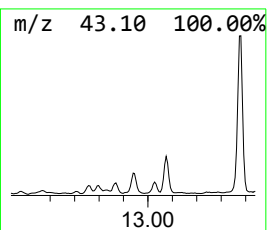
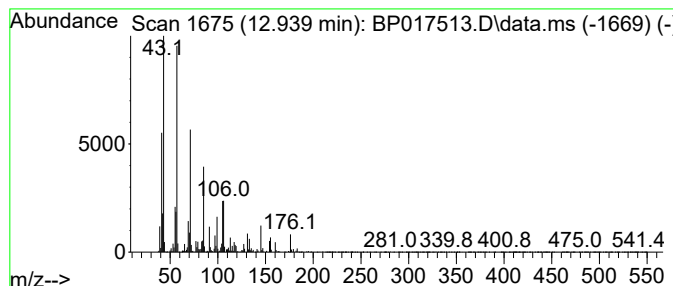
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ClientSampleId :
EZY4

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 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.939	8.86 ng/ul	447959	Acenaphthene-d10		14.633	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane, 6,9-dimethyl-		226	C16H34	055045-13-1	83
2	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	78
3	Pentadecane, 2-methyl-		226	C16H34	001560-93-6	60
4	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	60
5	Tridecane, 2-methyl-		198	C14H30	001560-96-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

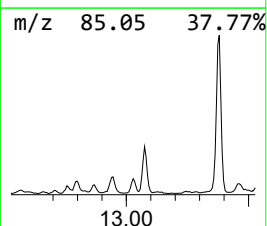
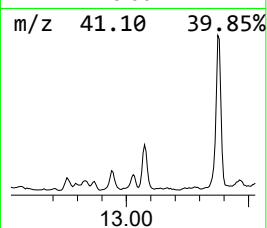
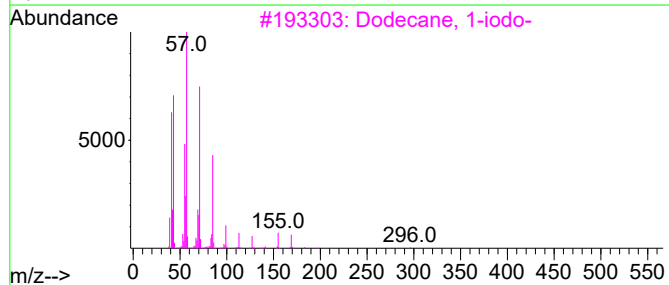
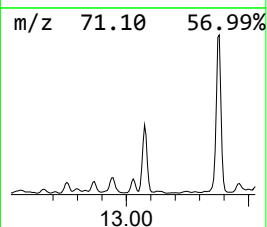
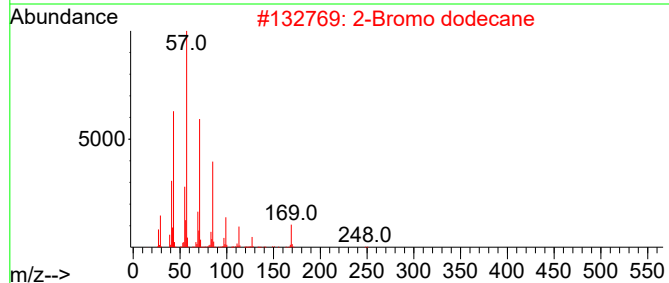
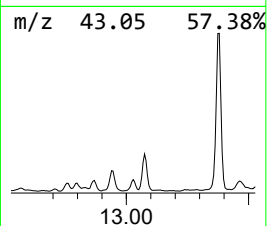
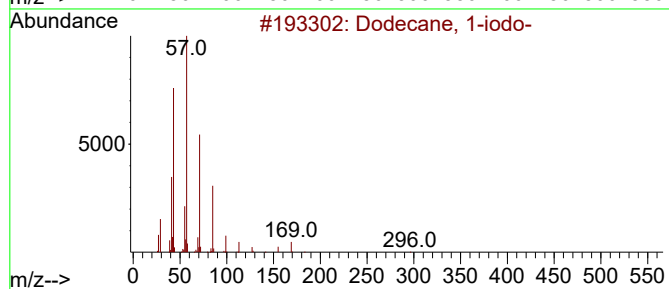
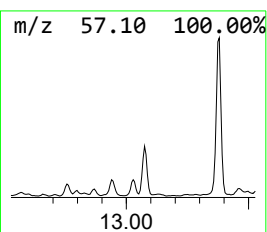
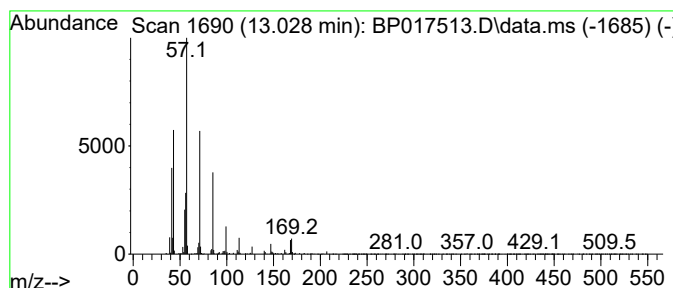
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dodecane, 1-iodo- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.028	5.09 ng/ul	257478	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

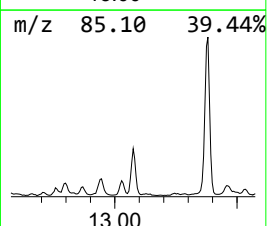
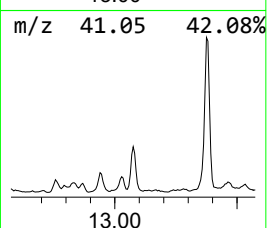
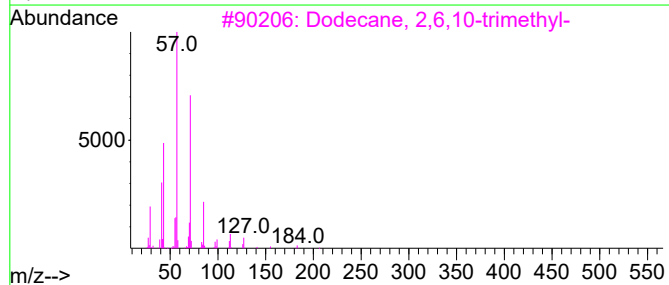
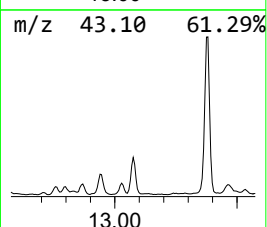
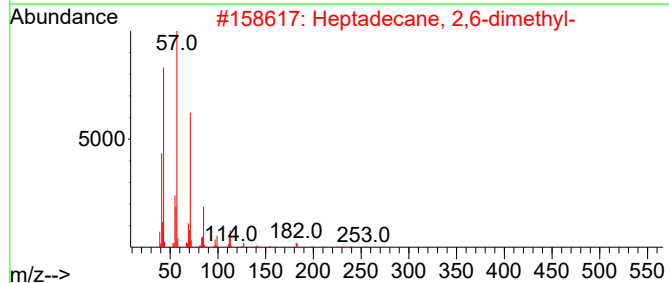
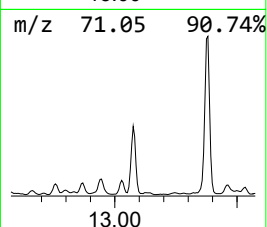
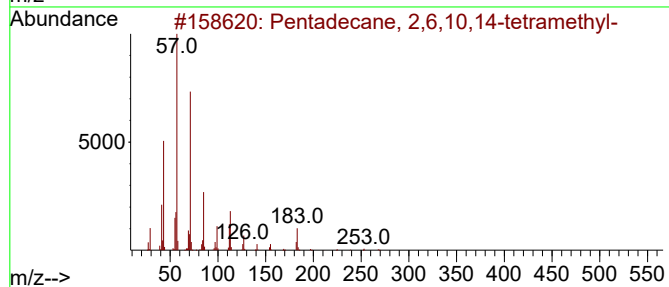
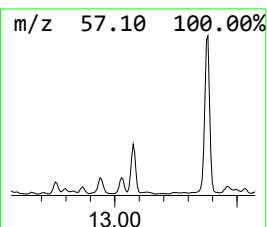
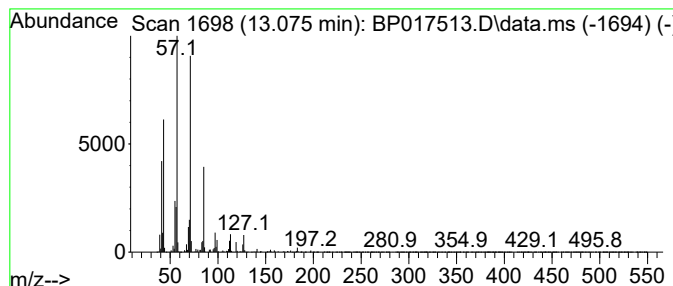
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.075	17.00 ng/ul	859543	Acenaphthene-d10			14.633
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	87
2	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	83
3	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	80
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	76
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Operator : MA/JU
Sample : 04417-35
Misc :
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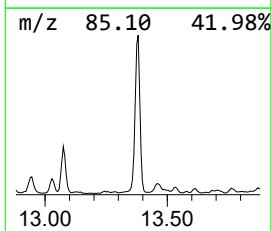
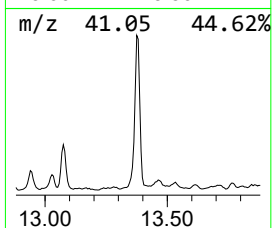
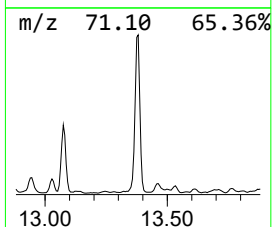
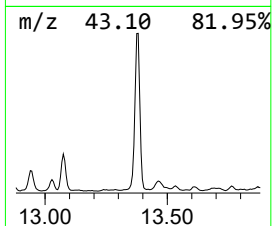
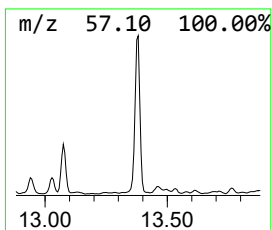
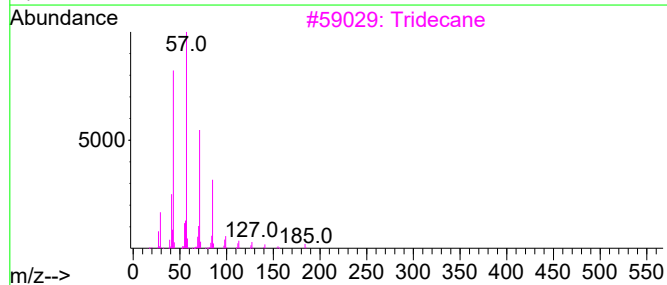
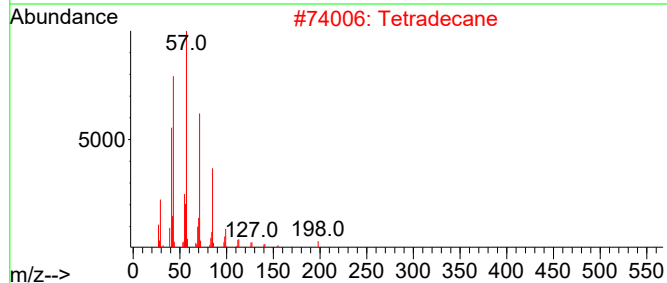
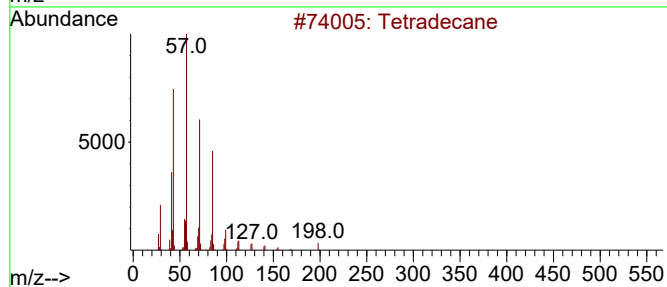
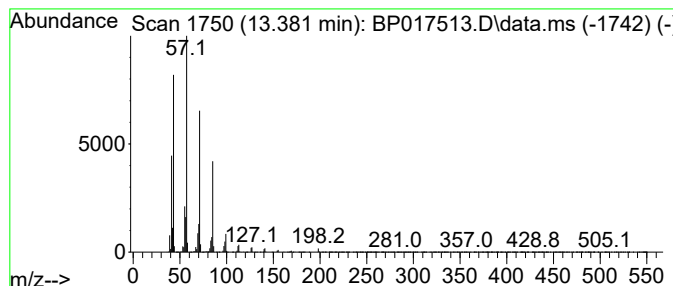
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.381	55.03 ng/ul	2782110	Acenaphthene-d10		14.633	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	96
2	Tetradecane		198	C14H30	000629-59-4	93
3	Tridecane		184	C13H28	000629-50-5	90
4	Heptadecane		240	C17H36	000629-78-7	83
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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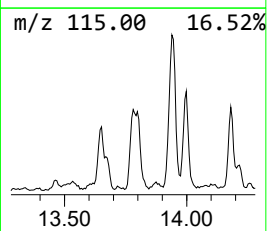
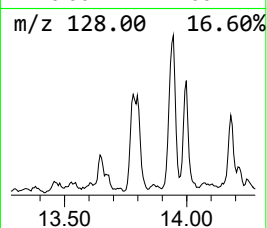
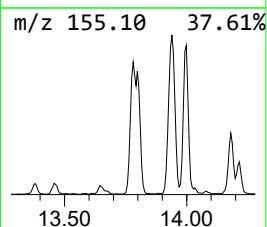
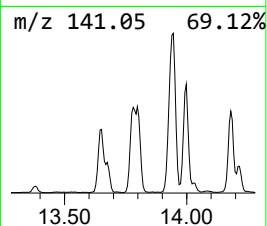
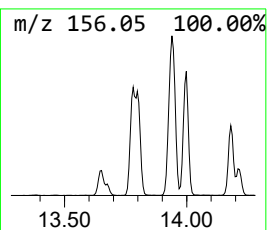
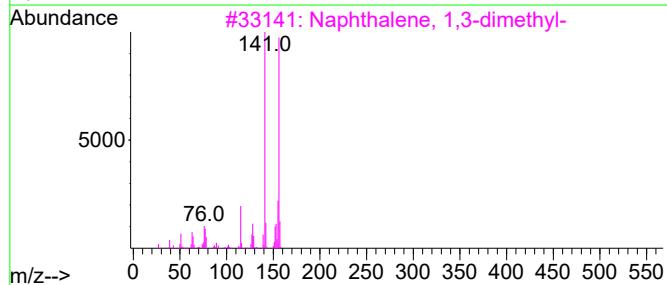
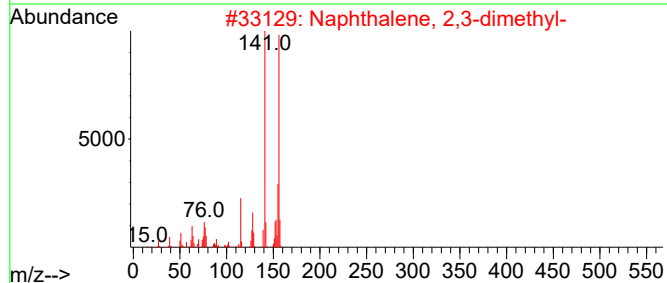
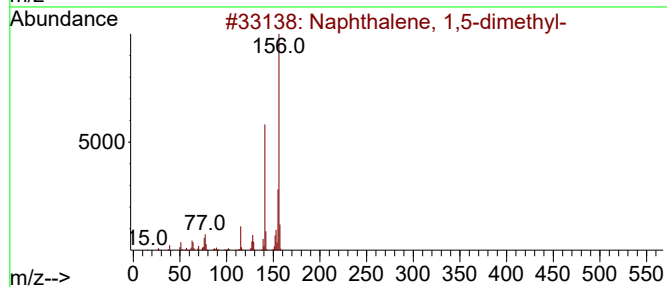
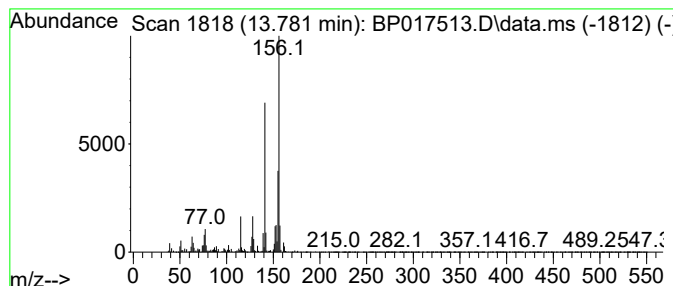
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	18.09 ng/ul	914715	Acenaphthene-d10	14.633

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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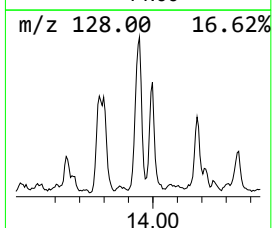
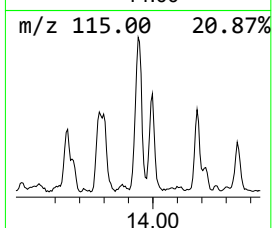
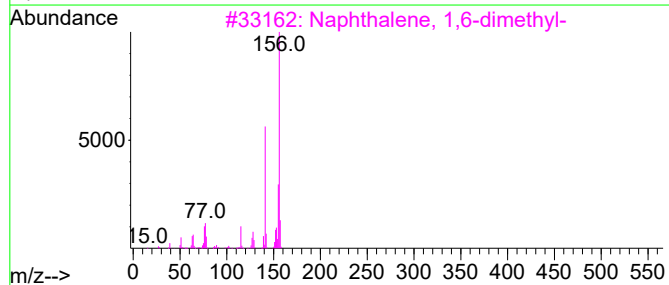
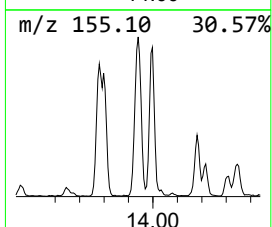
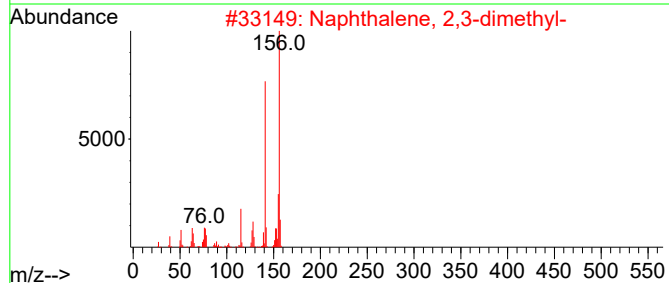
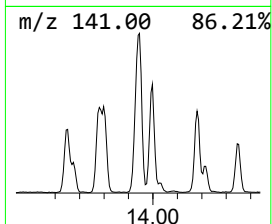
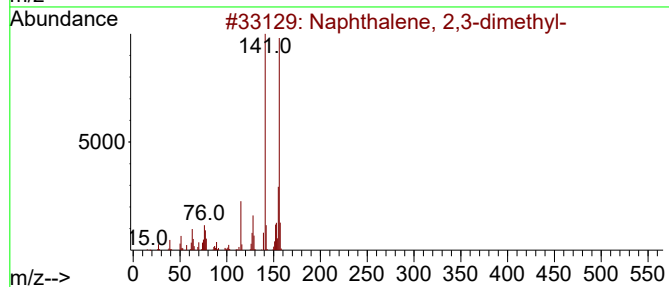
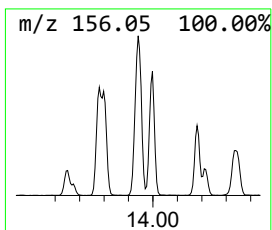
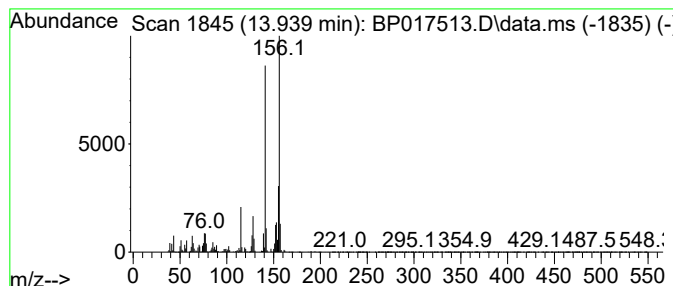
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	35.94 ng/ul	1816840	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

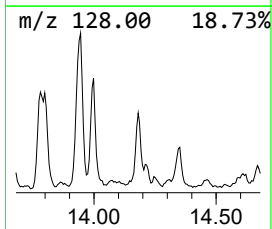
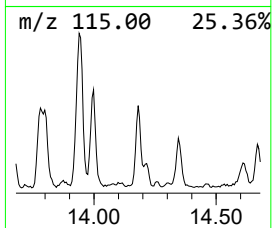
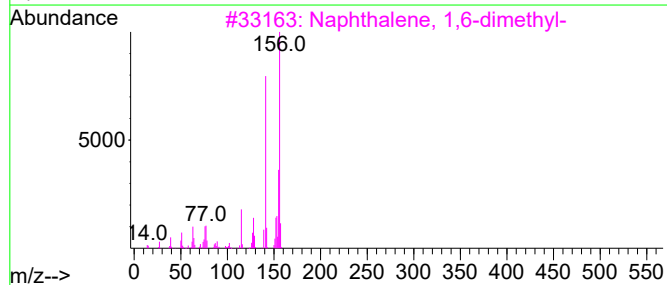
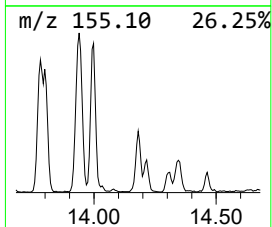
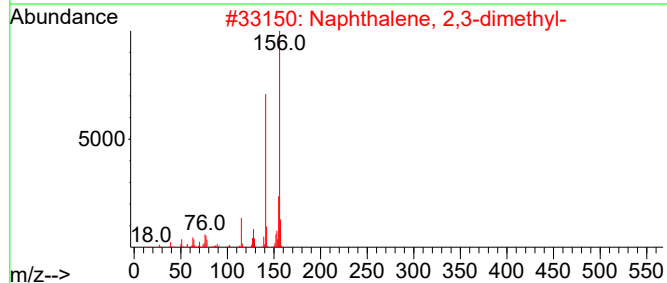
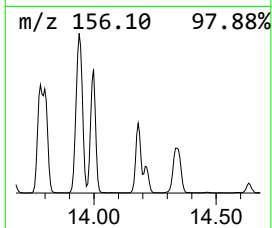
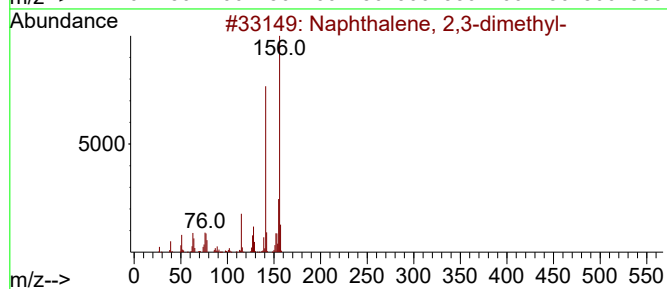
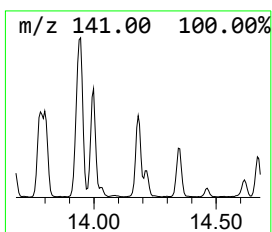
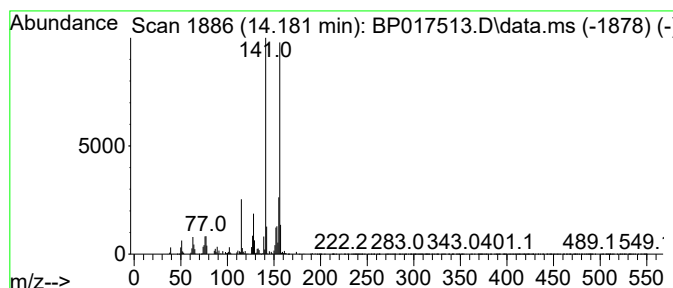
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.181	16.17 ng/ul	817605	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

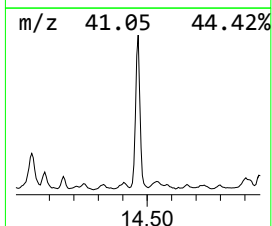
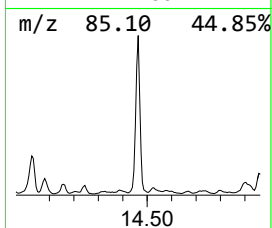
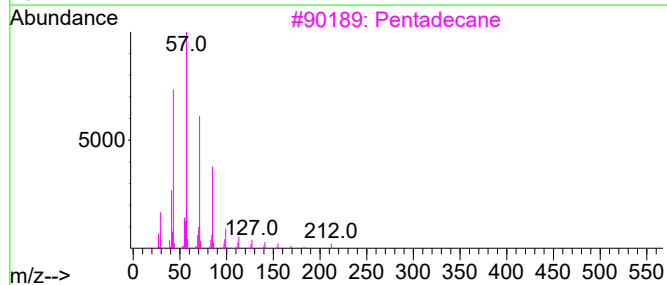
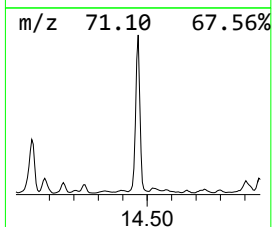
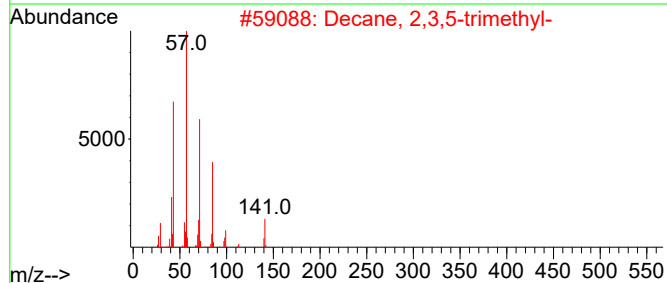
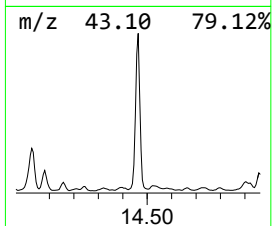
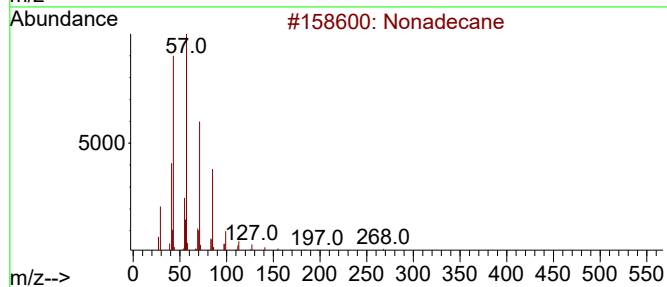
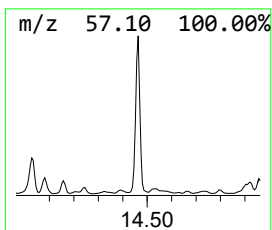
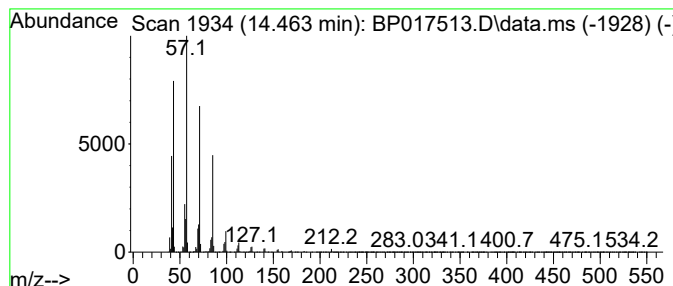
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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.463	69.11 ng/ul	3493600	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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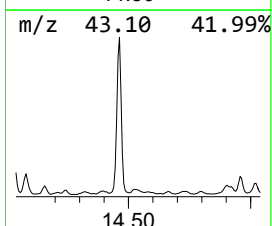
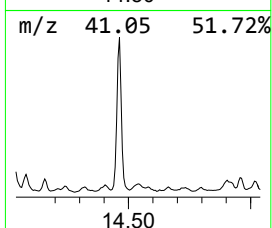
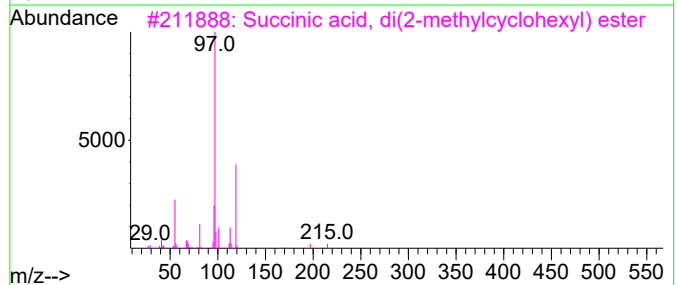
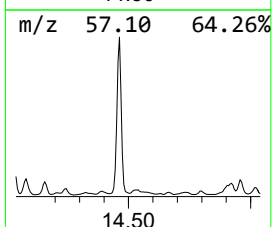
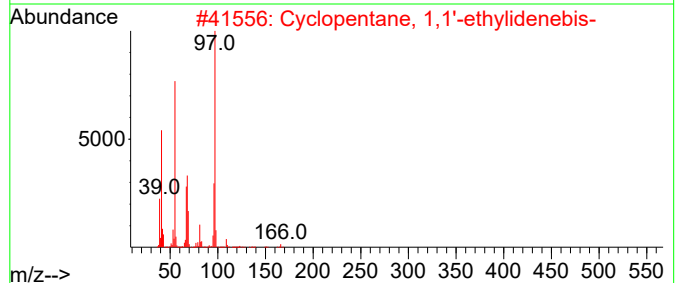
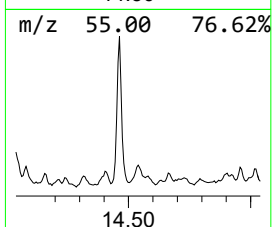
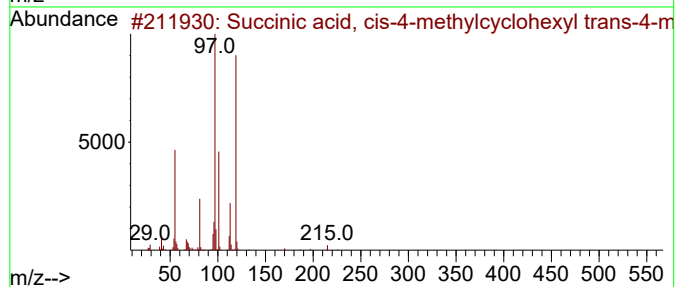
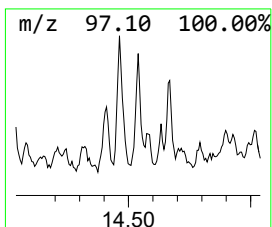
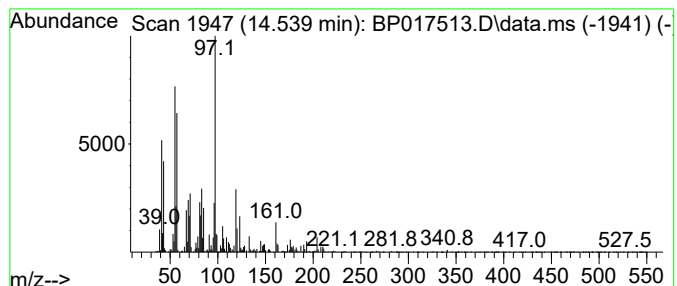
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	7.40 ng/ul	374070	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, cis-4-methylcyclo...	310	C18H30O4	1010390-07-7	38
2			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	38
3			Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	38
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	35
5			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
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ALS Vial : 37 Sample Multiplier: 1

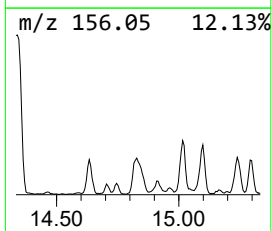
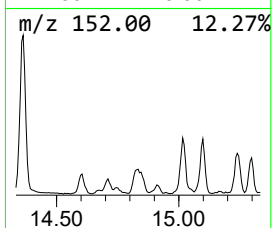
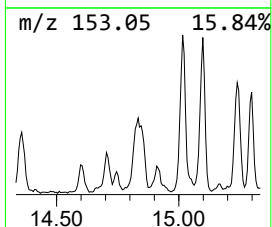
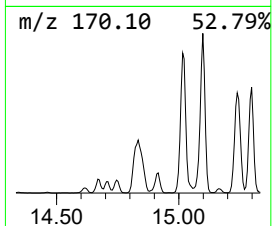
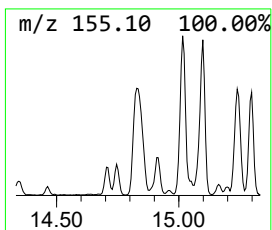
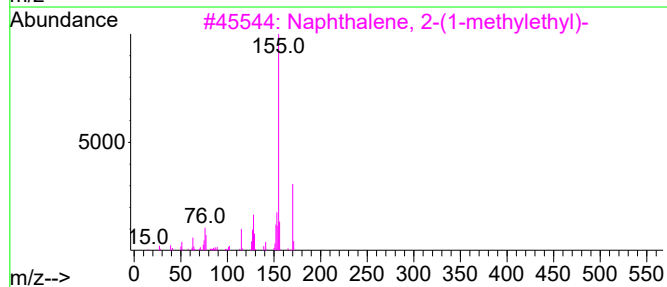
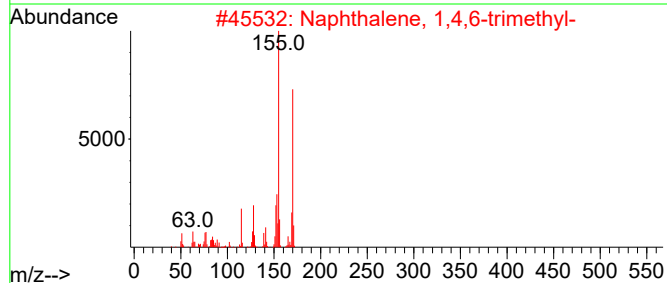
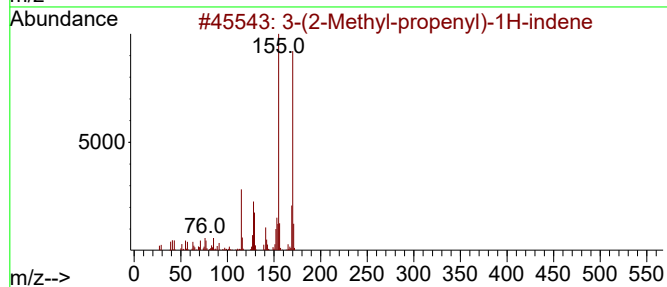
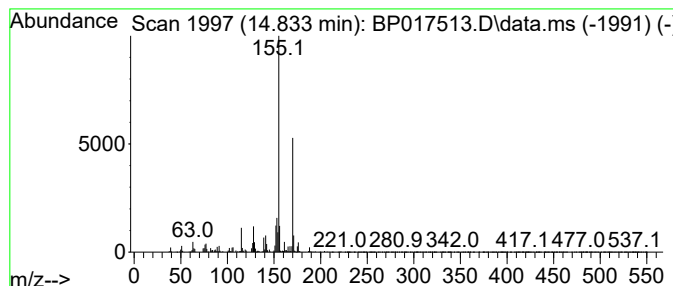
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.833	13.64 ng/ul	689707	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

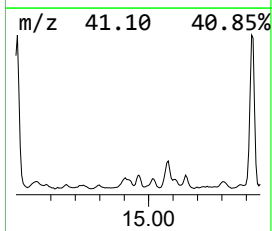
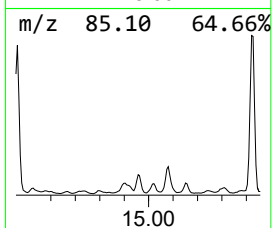
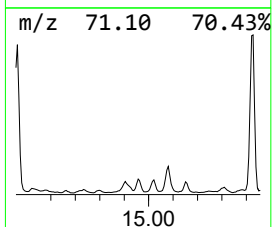
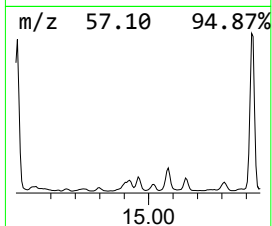
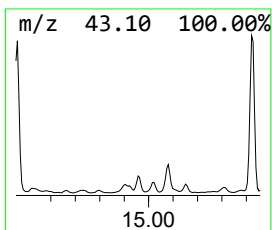
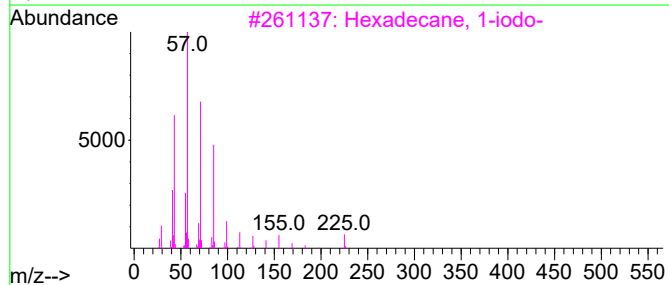
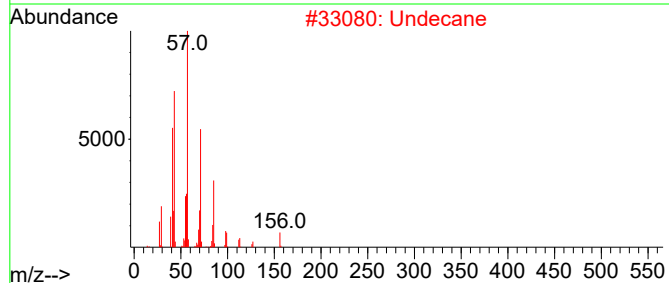
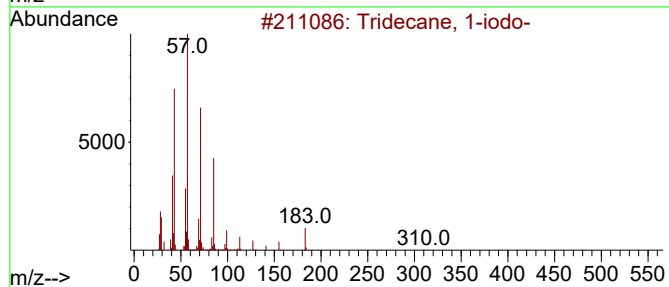
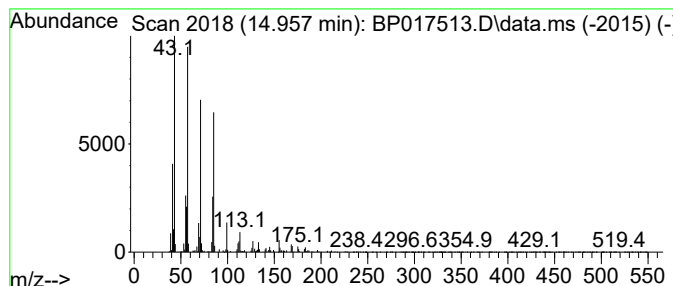
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.957	5.52 ng/ul	279131	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76
2	Undecane	156	C11H24	001120-21-4	68
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5	Tridecane, 5-methyl-	198	C14H30	025117-31-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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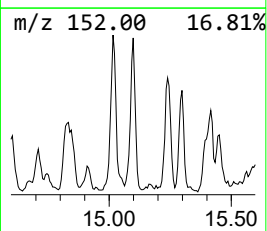
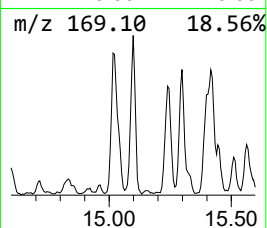
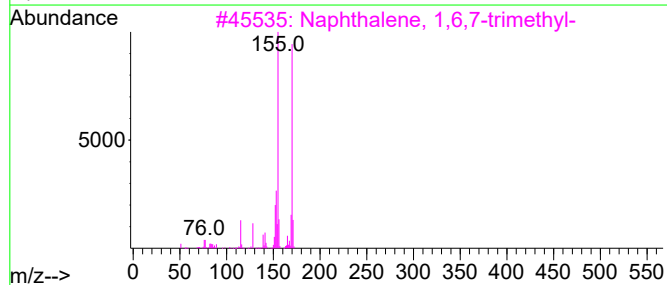
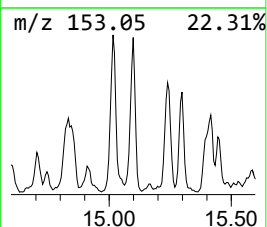
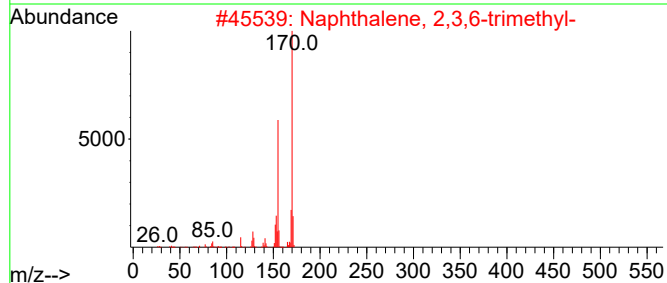
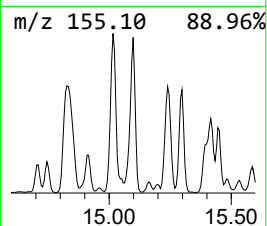
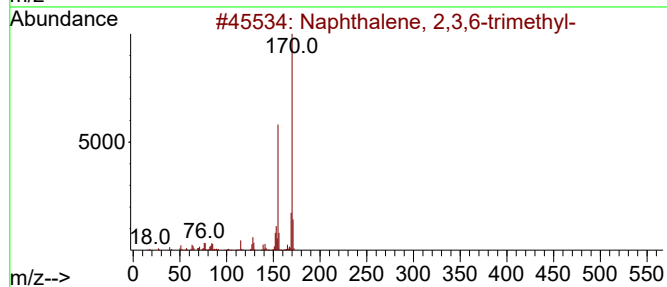
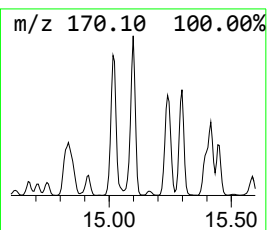
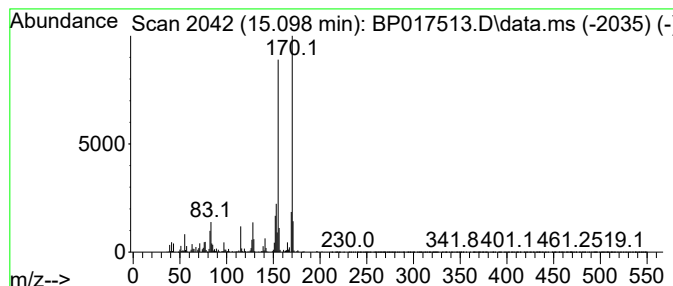
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	32.33 ng/ul	1634610	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

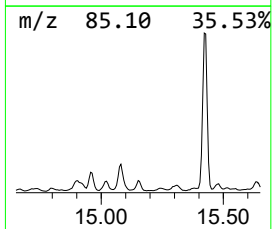
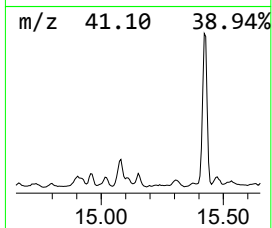
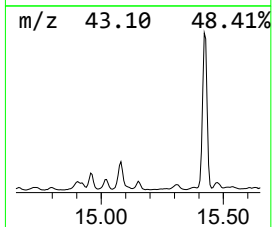
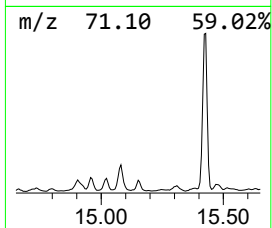
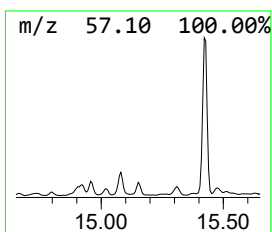
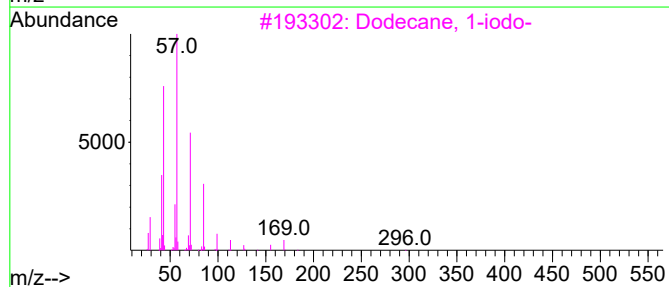
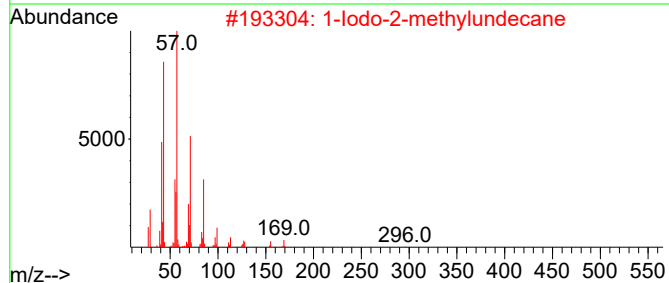
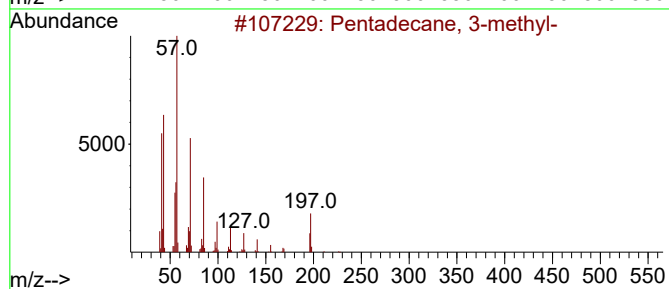
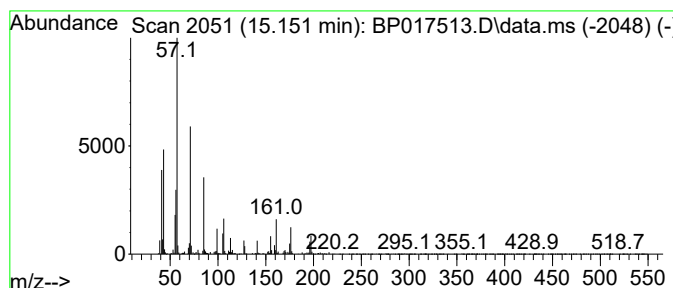
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.151	7.65 ng/ul	386905	Acenaphthene-d10		14.633	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 3-methyl-		226	C16H34	002882-96-4	72
2	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	59
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	58
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	52
5	Hexadecane		226	C16H34	000544-76-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

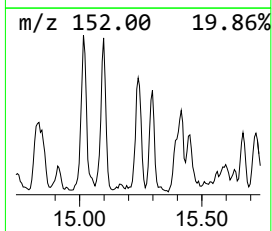
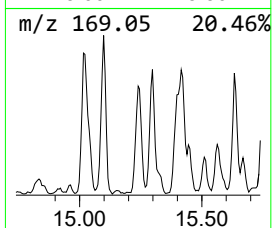
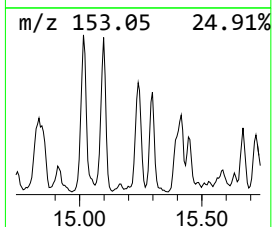
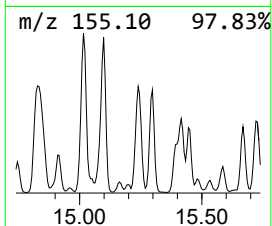
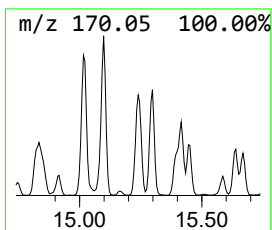
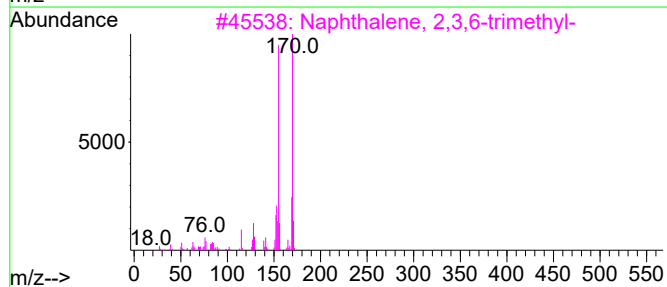
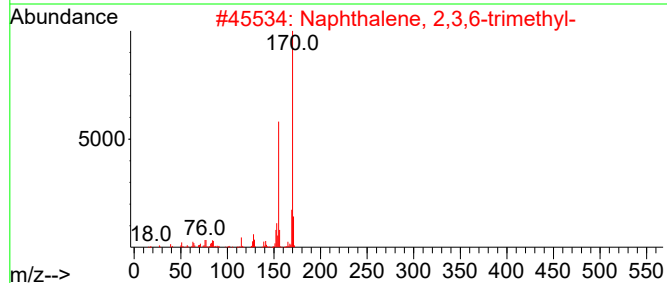
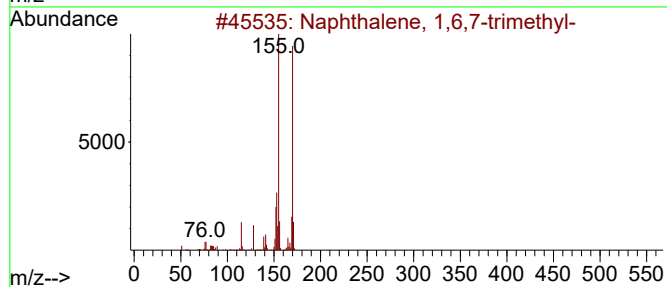
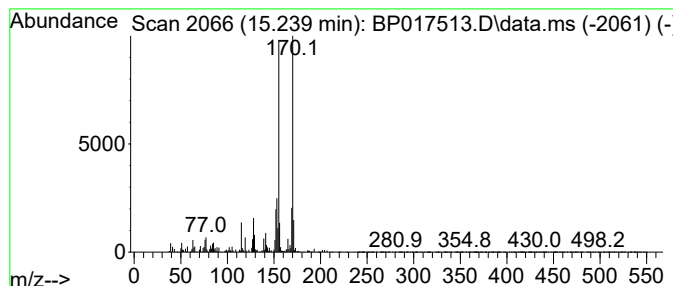
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.239	16.45 ng/ul	831702	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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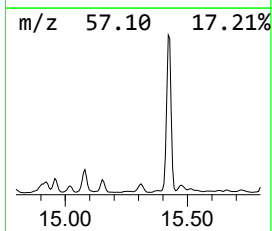
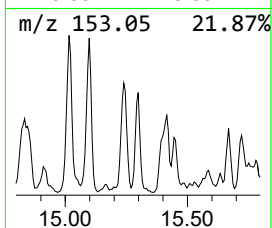
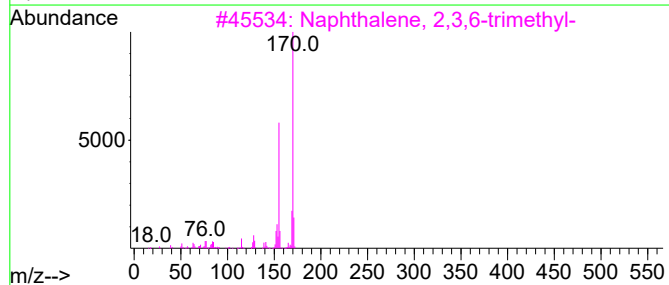
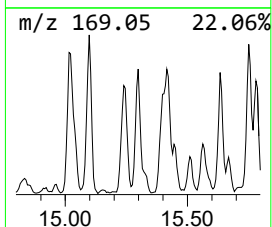
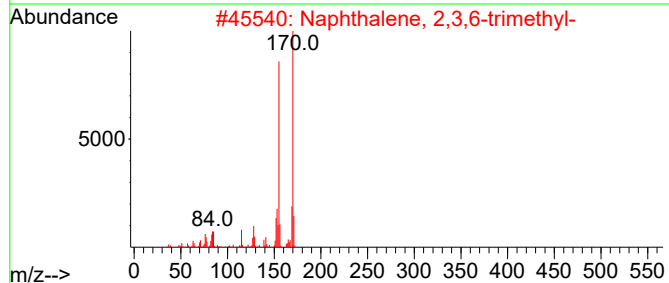
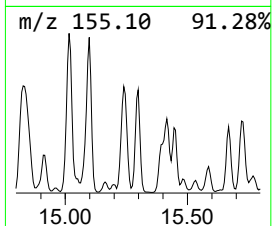
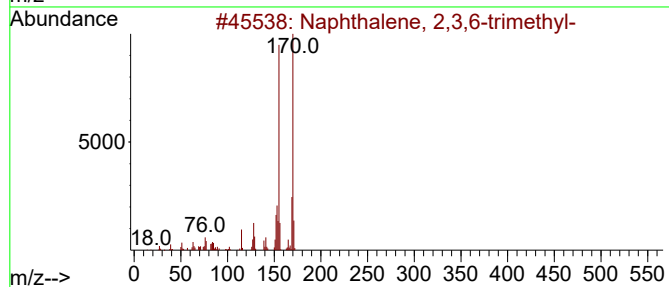
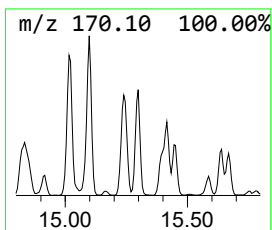
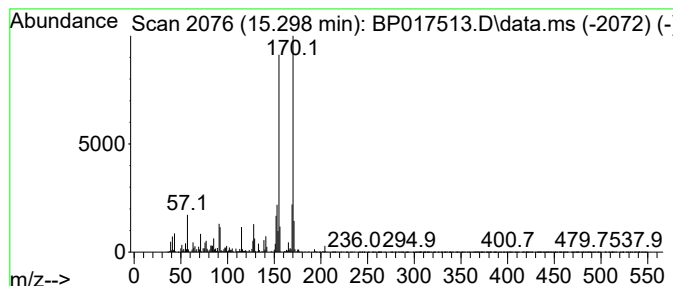
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	18.78 ng/ul	949251	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

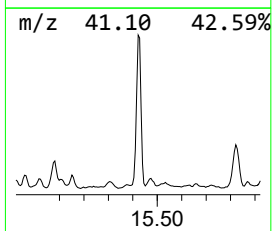
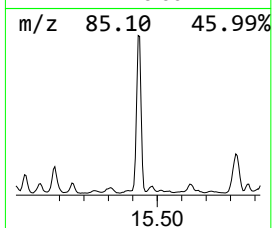
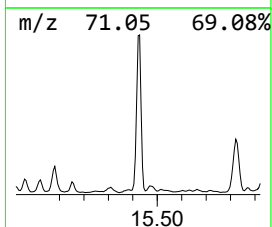
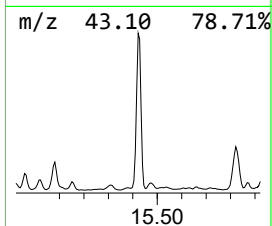
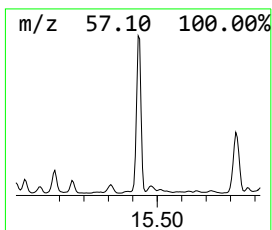
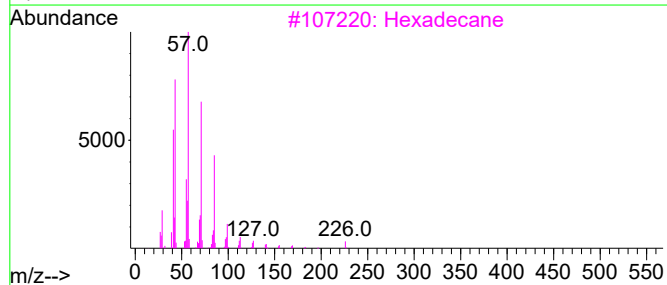
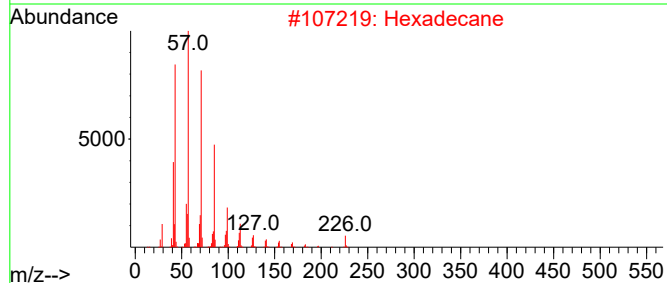
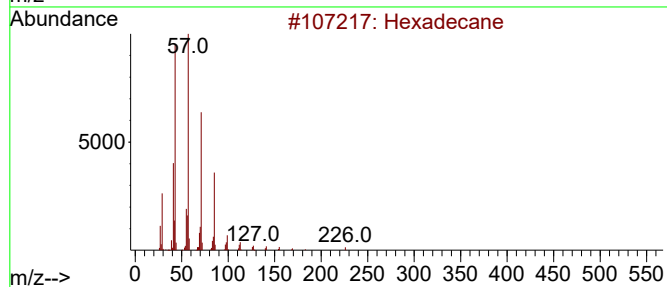
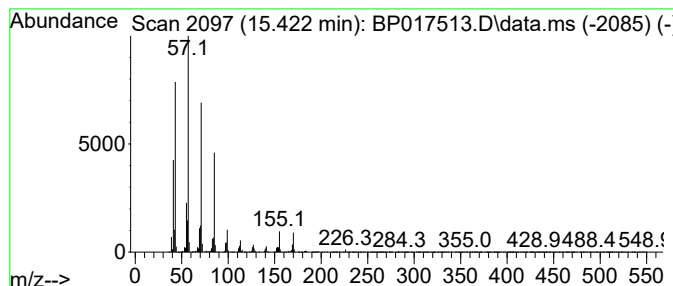
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.422	99.69 ng/ul	5039880	Acenaphthene-d10		14.633	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Hexadecane		226	C16H34	000544-76-3	92
3	Hexadecane		226	C16H34	000544-76-3	91
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	87
5	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

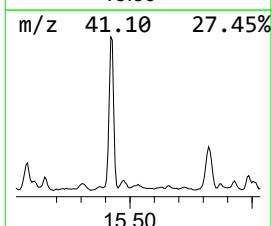
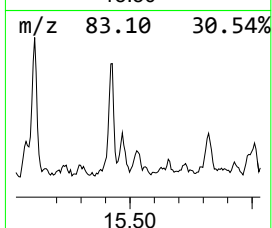
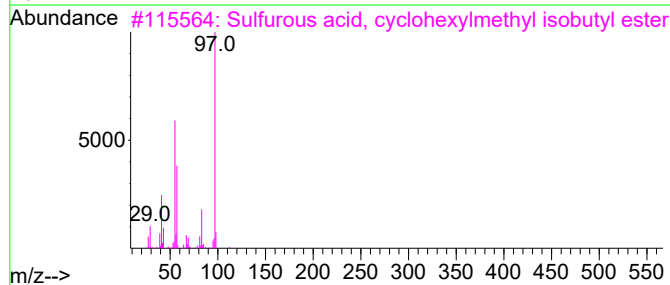
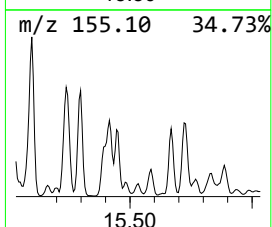
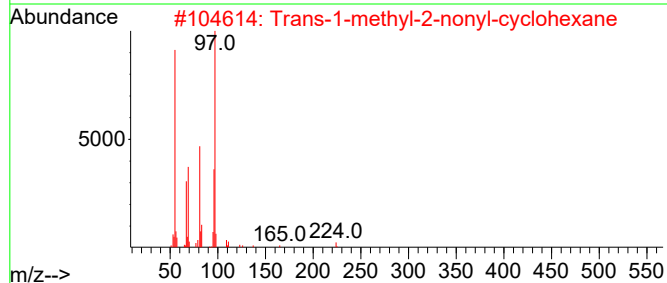
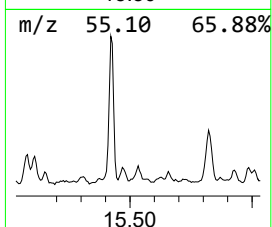
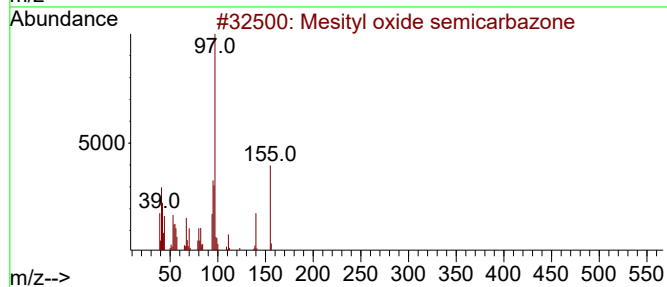
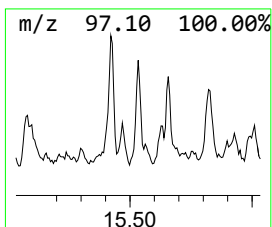
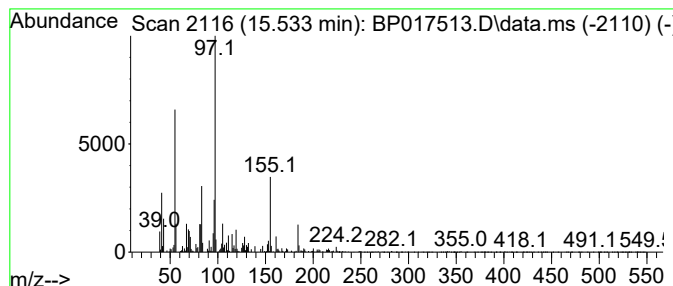
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Mesityl oxide semicarbazone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.533	4.54 ng/ul	229585	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesityl oxide semicarbazone	155	C7H13N3O	003780-62-9	62
2	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	49
3	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	47
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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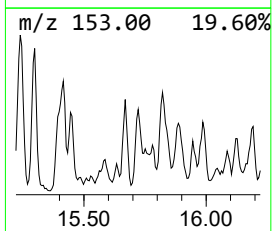
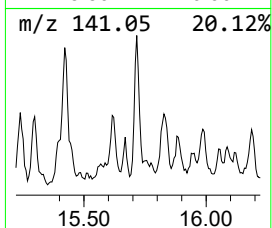
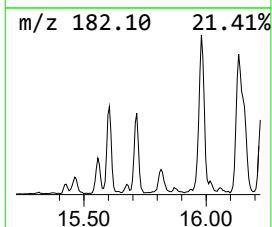
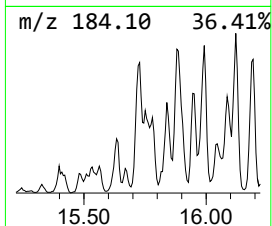
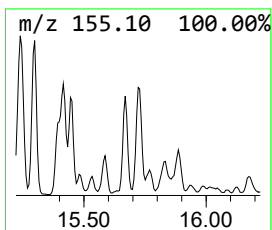
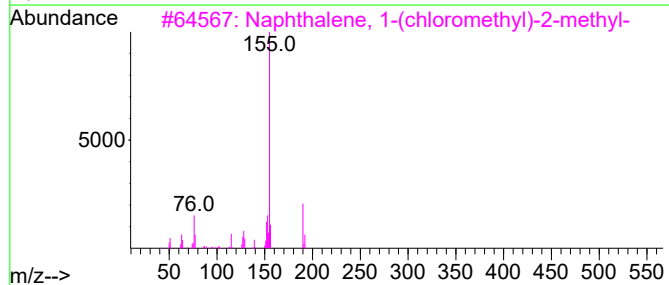
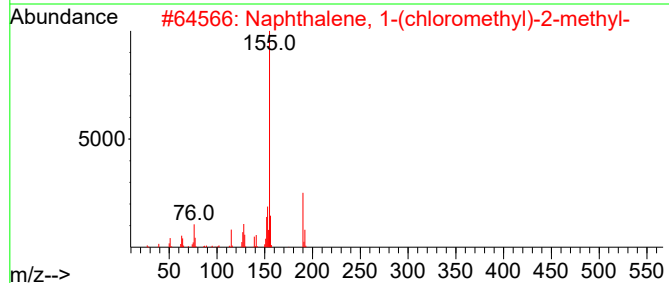
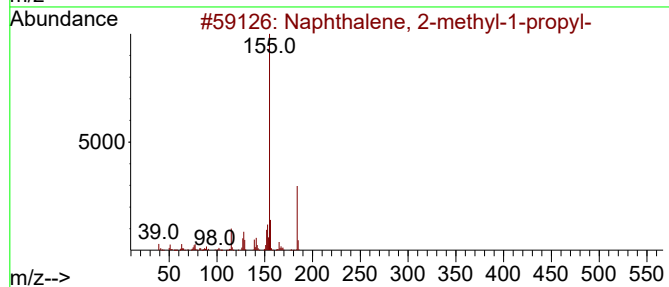
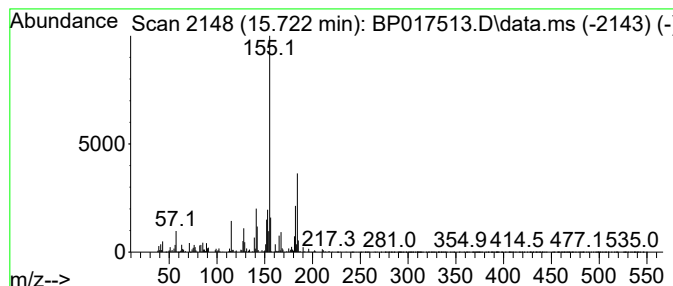
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Naphthalene, 2-methyl-1-pro... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.722	9.90 ng/ul	500351	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	92
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	64
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	55
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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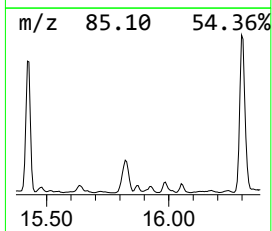
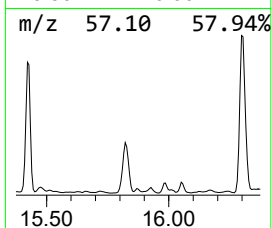
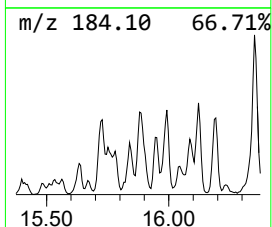
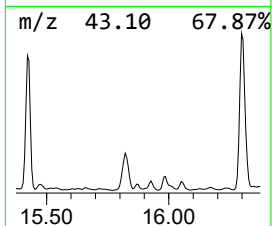
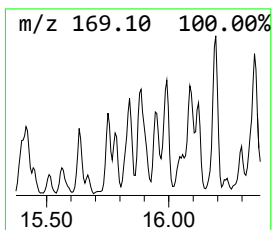
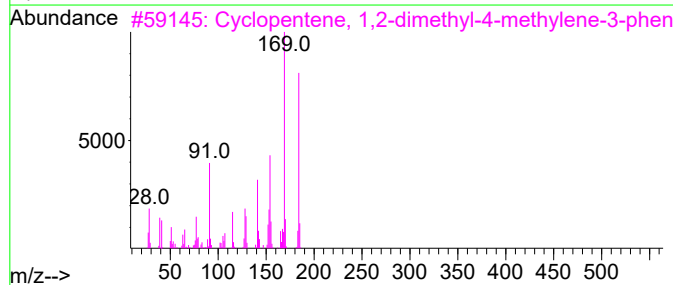
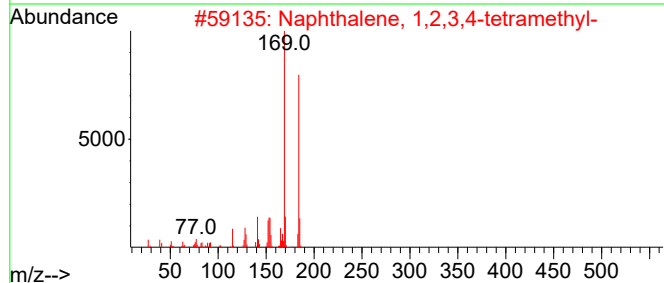
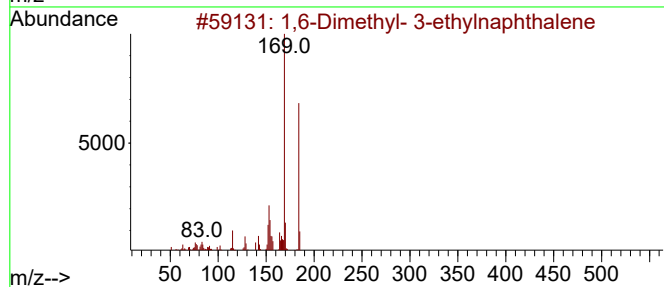
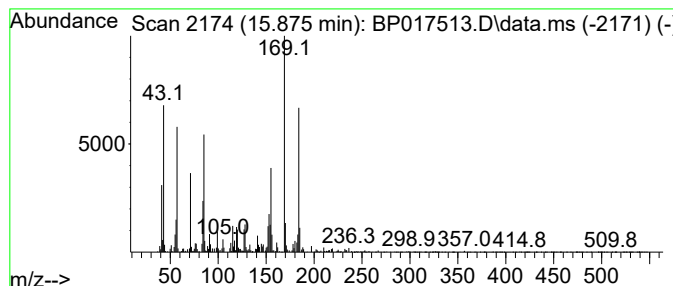
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.875	5.47 ng/ul	276280	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	83
2			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	60
3			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	53
4			Chamazulene	184	C14H16	000529-05-5	50
5			3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

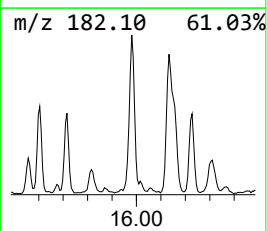
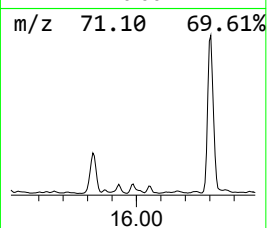
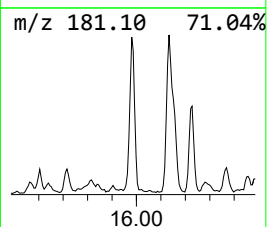
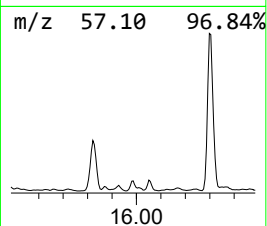
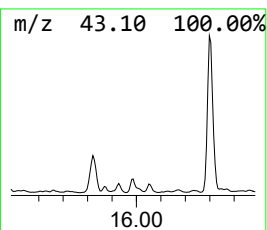
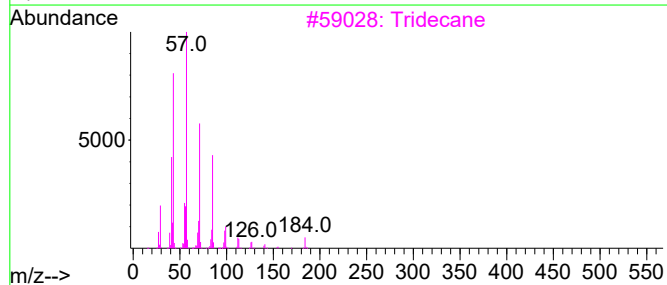
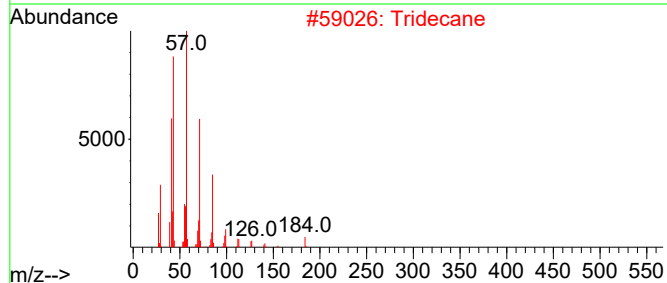
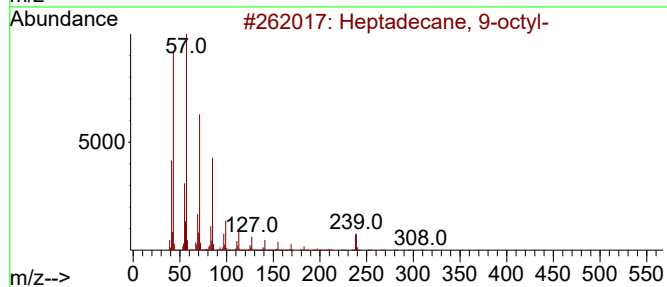
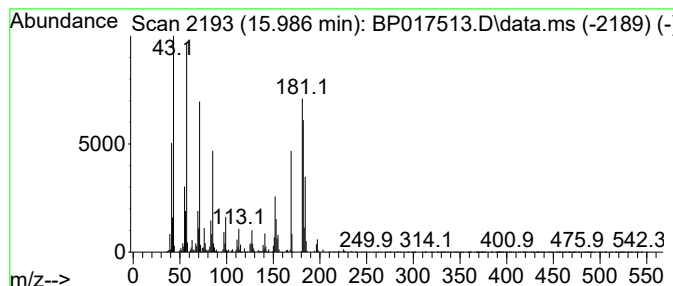
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.986	17.51 ng/ul	885216	Acenaphthene-d10	14.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Tridecane	184	C13H28	000629-50-5	51
3	Tridecane	184	C13H28	000629-50-5	51
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	50
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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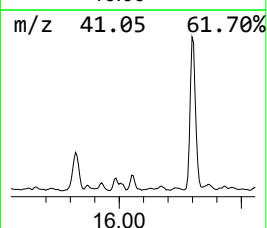
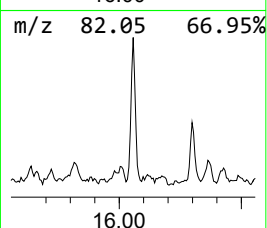
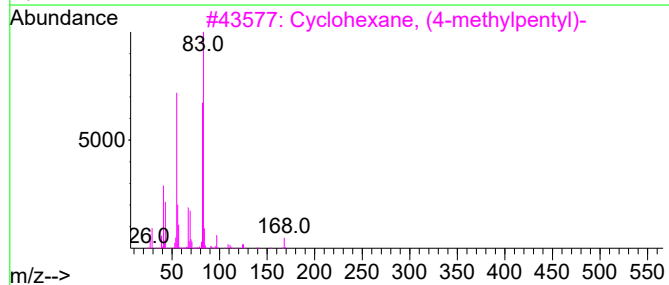
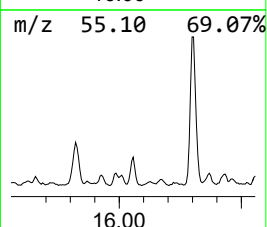
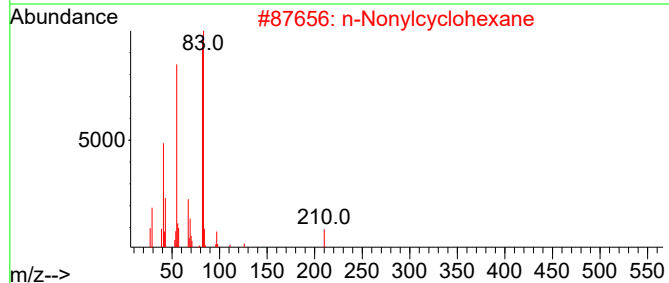
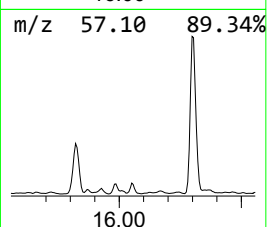
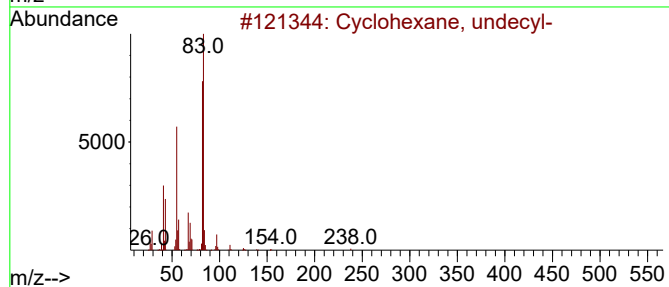
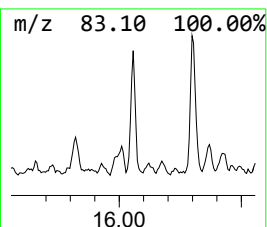
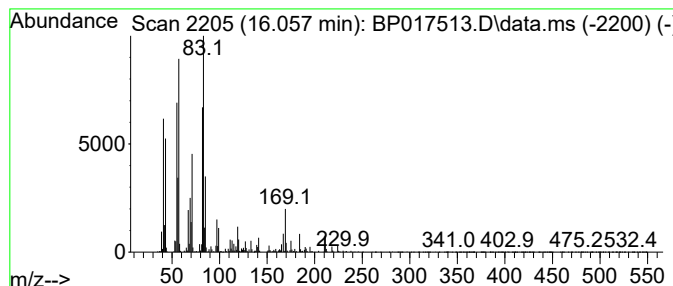
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Cyclic16.057 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	6.20 ng/ul	530684	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	46
2			n-Nonylcyclohexane	210	C15H30	002883-02-5	45
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
4			Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	43
5			Cyclohexane, decyl-	224	C16H32	001795-16-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN4

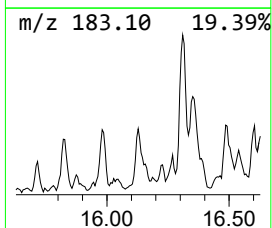
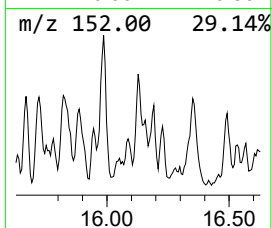
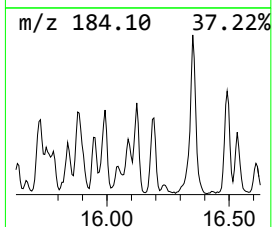
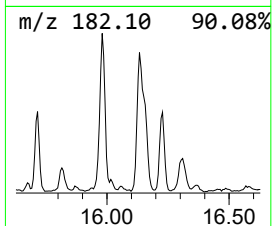
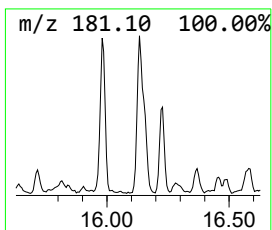
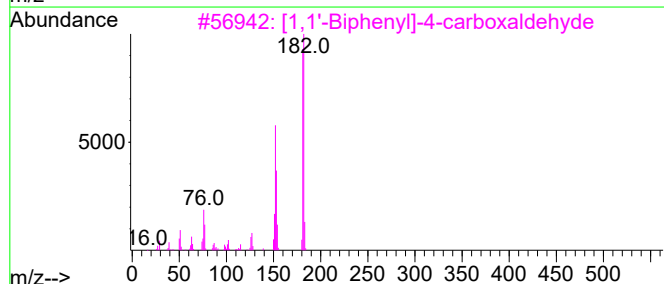
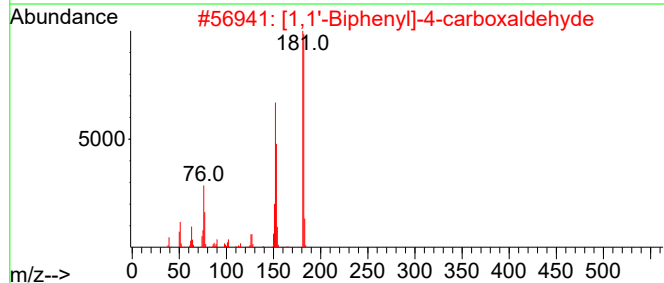
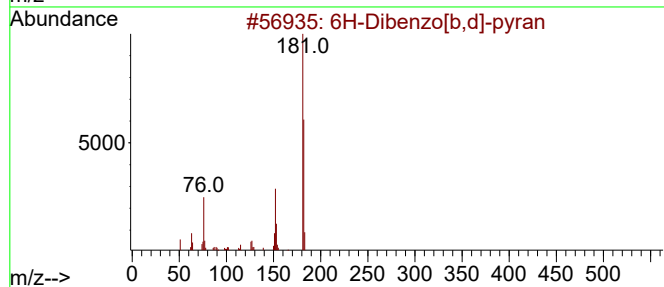
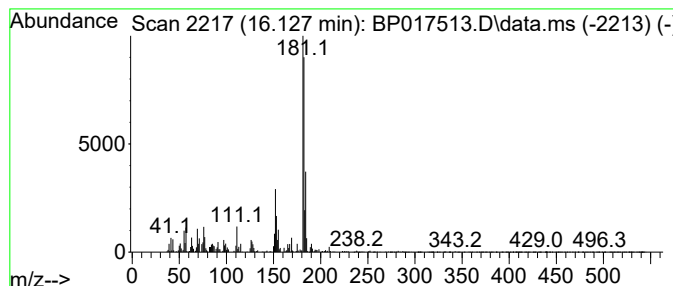
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 6H-Dibenzo[b,d]-pyran Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	3.17 ng/ul	271632	Phenanthrene-d10	17.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	81
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
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Instrument :
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ClientSampleId :
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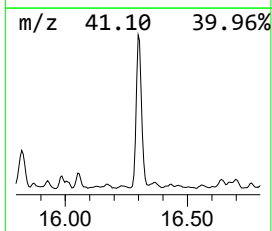
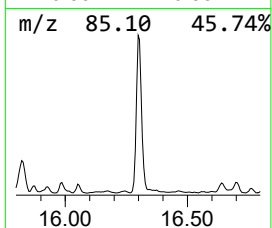
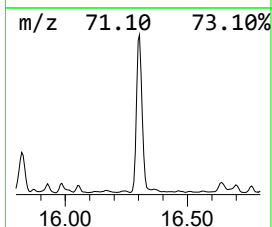
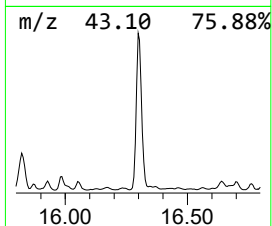
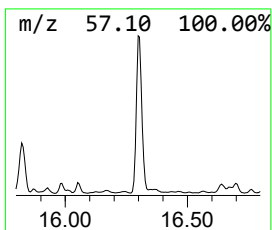
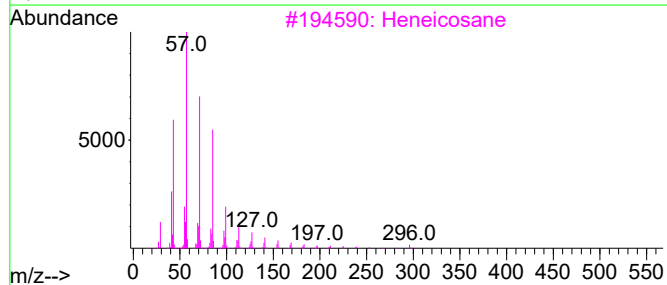
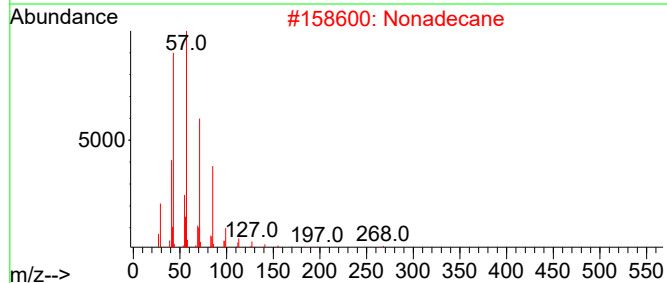
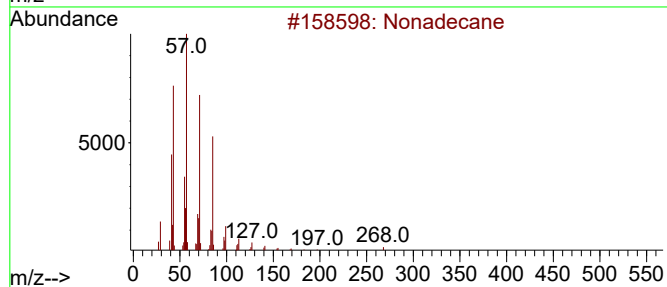
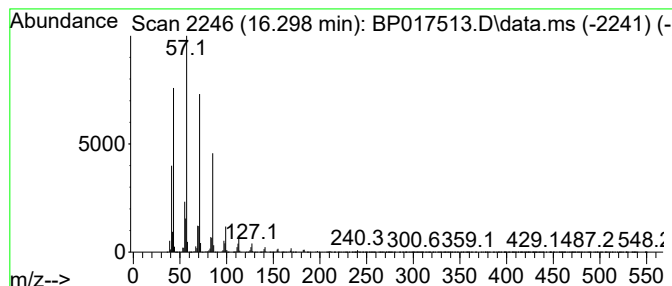
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.298	68.74 ng/ul	5882860	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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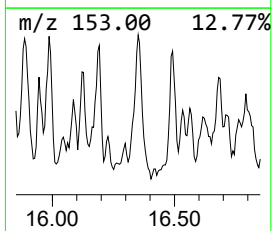
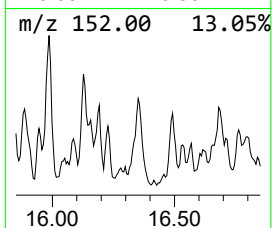
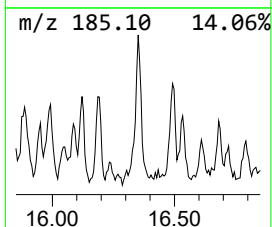
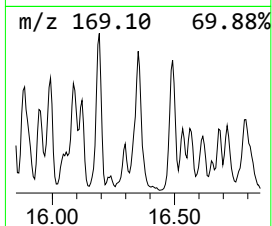
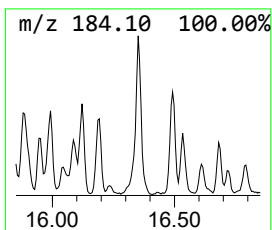
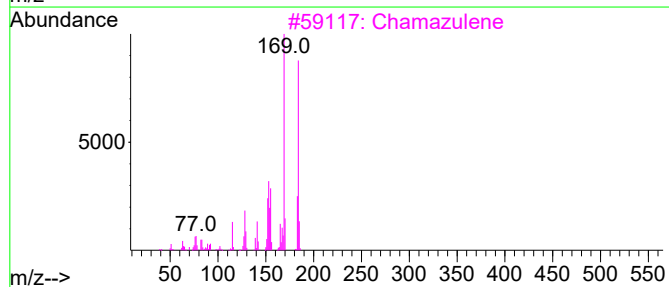
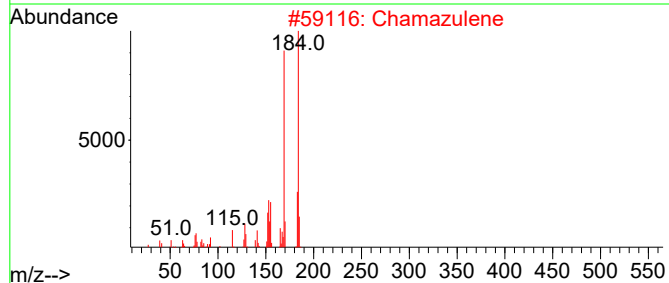
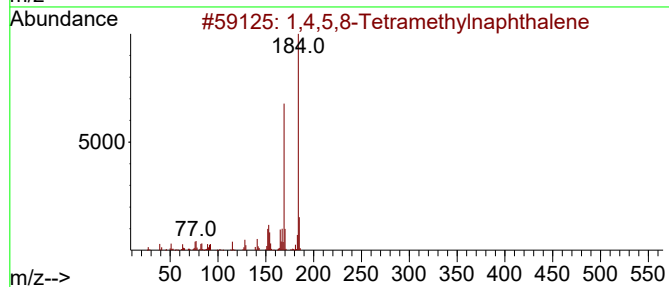
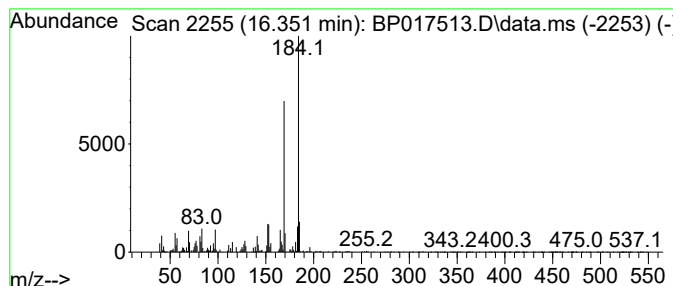
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 1,4,5,8-Tetramethylnaphthalene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.351	6.69 ng/ul	572537	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
2			Chamazulene	184	C14H16	000529-05-5	83
3			Chamazulene	184	C14H16	000529-05-5	80
4			1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	74
5			2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	055134-03-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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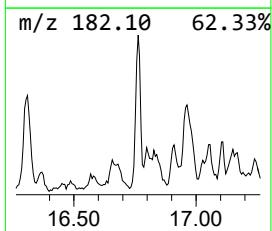
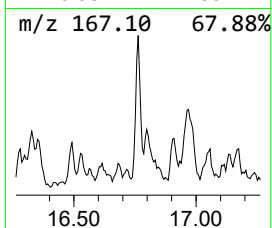
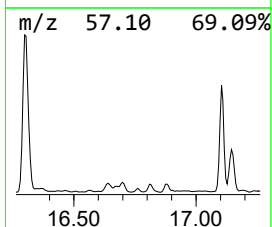
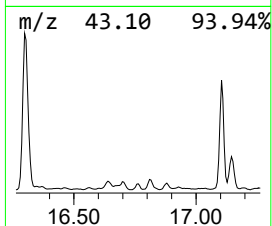
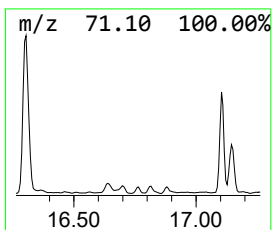
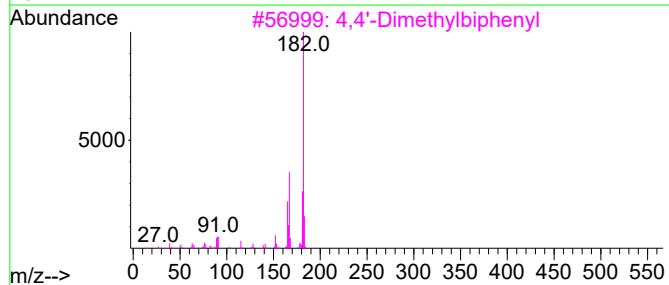
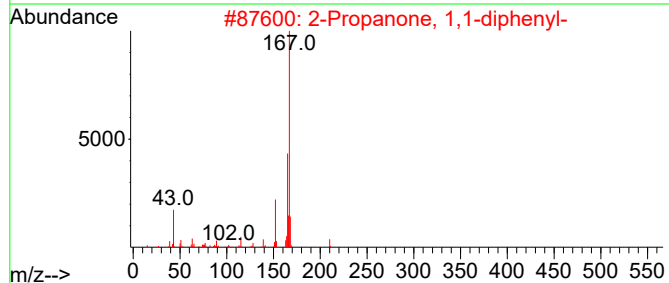
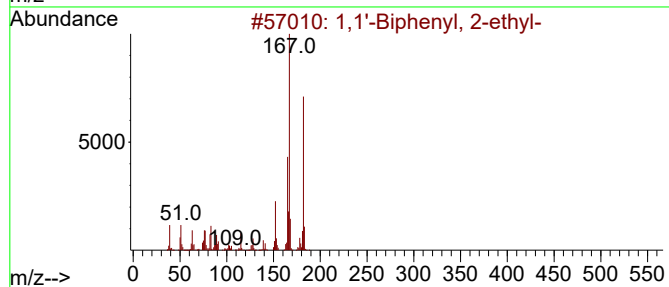
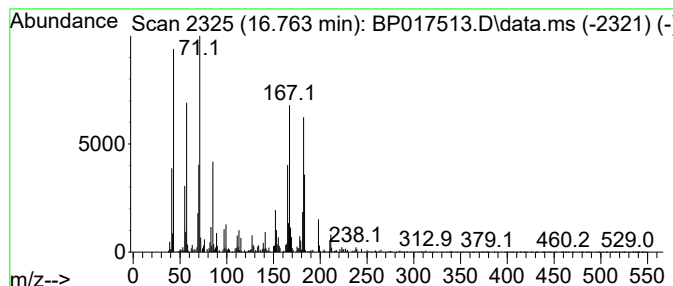
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 1,1'-Biphenyl, 2-ethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	3.55 ng/ul	303832	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	74
2			2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	64
3			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	52
4			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38
5			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

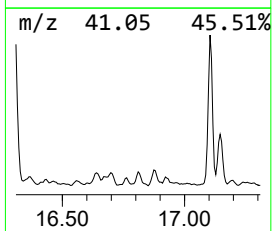
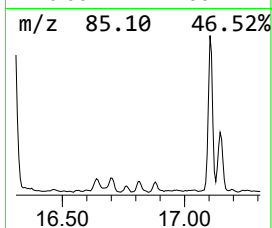
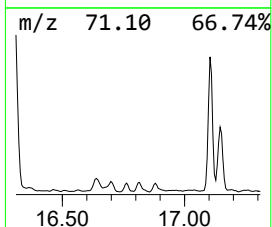
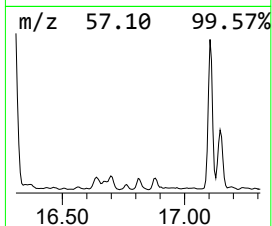
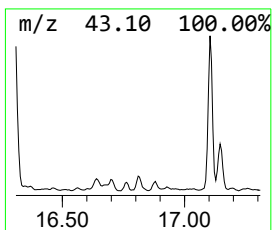
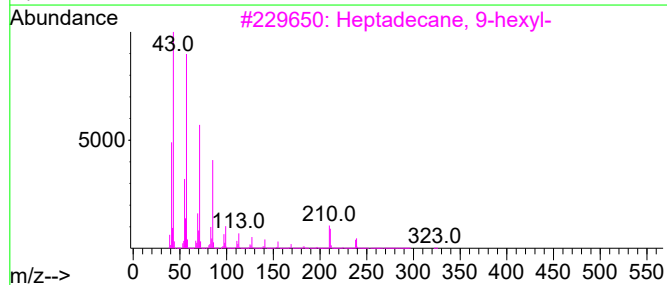
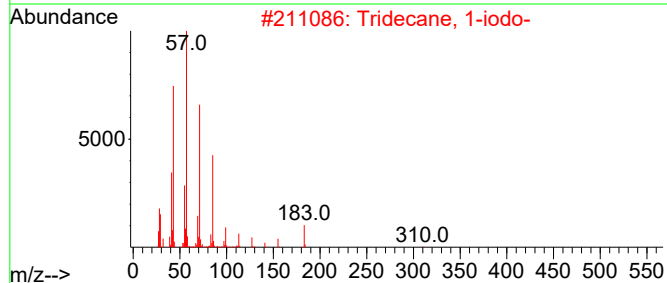
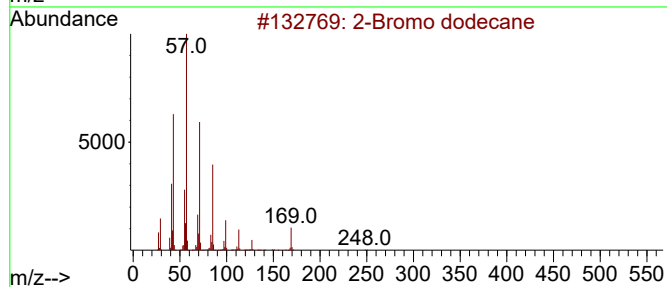
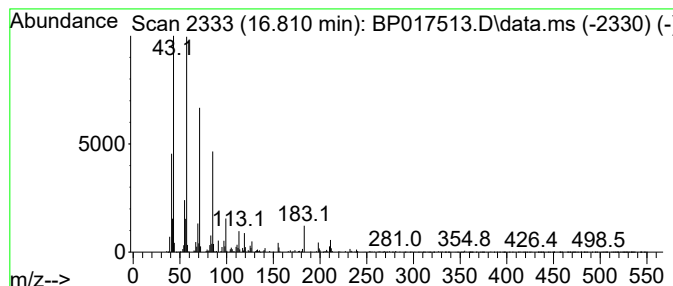
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 2-Bromo dodecane Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.810	4.10 ng/ul	350988	Phenanthrene-d10	17.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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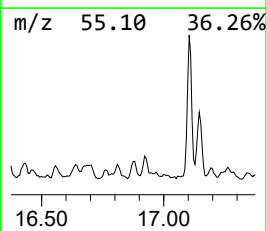
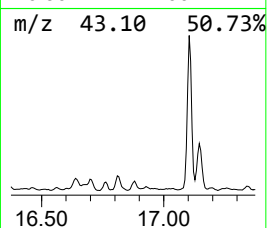
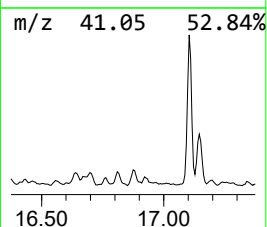
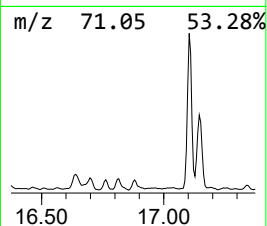
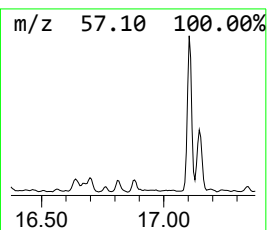
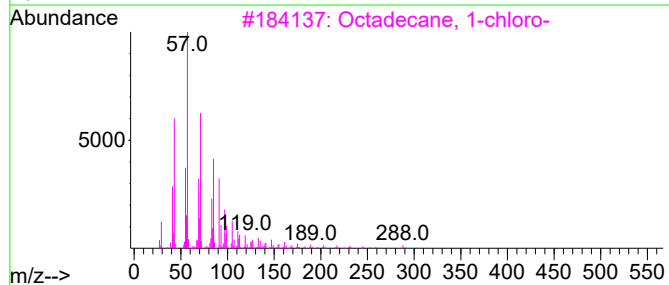
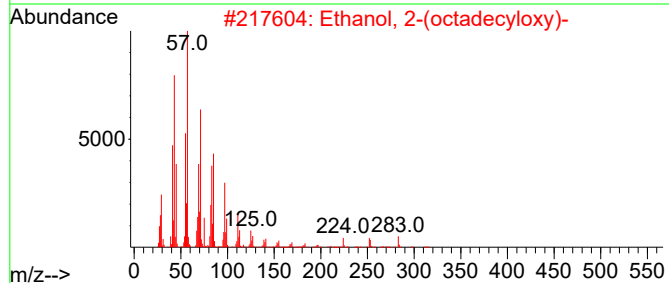
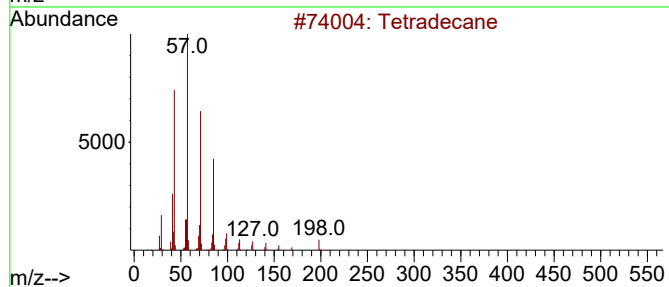
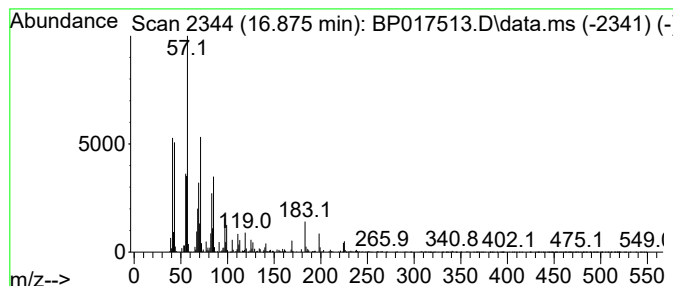
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	3.39 ng/ul	290511	Phenanthrene-d10	17.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	78
2		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	76
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	74
4		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	68
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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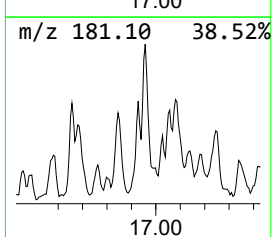
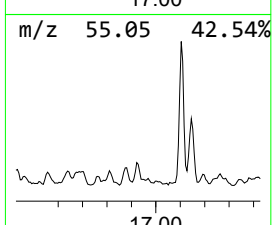
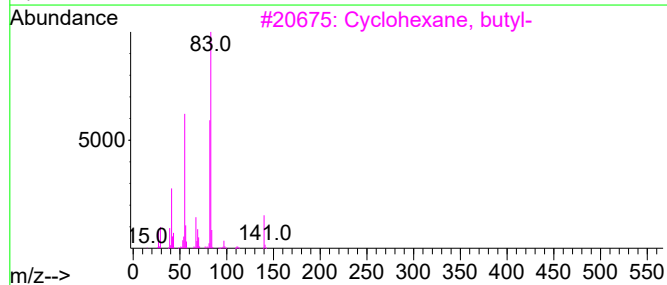
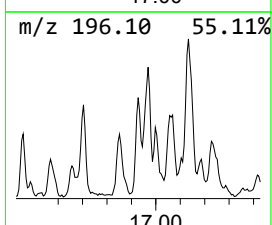
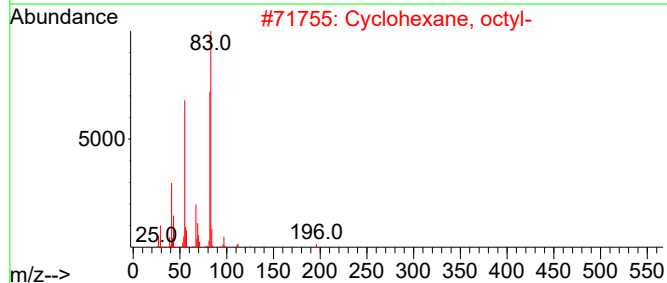
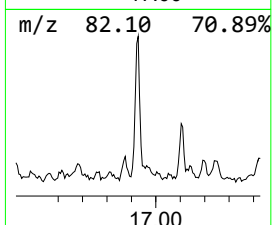
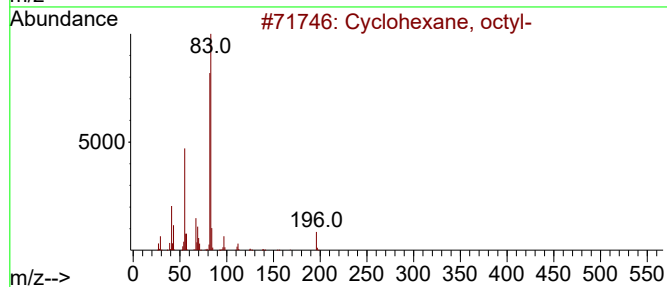
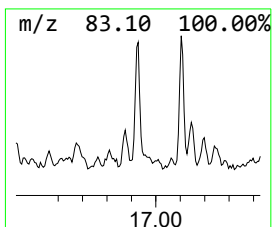
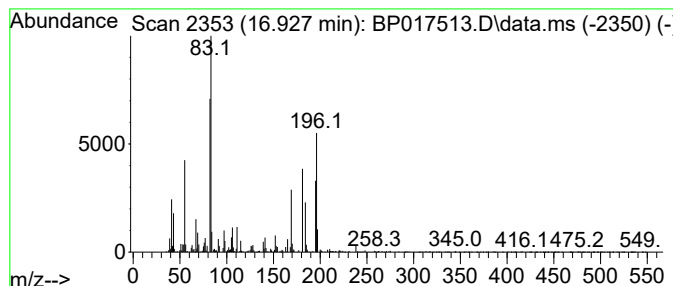
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Cyclic16.927 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	2.49 ng/ul	213099	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	60
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	49
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	27
4			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	27
5			Dodecylcyclohexane	252	C18H36	001795-17-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

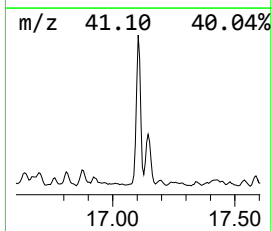
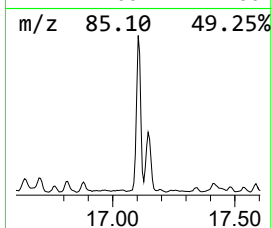
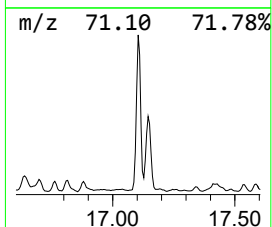
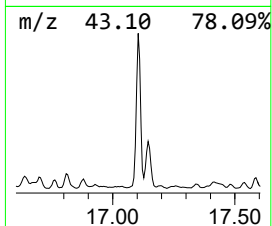
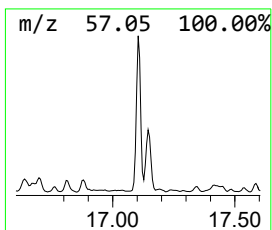
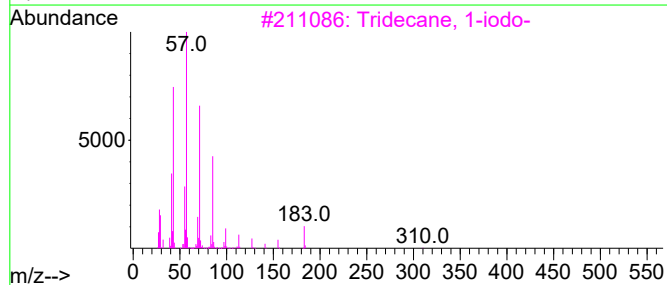
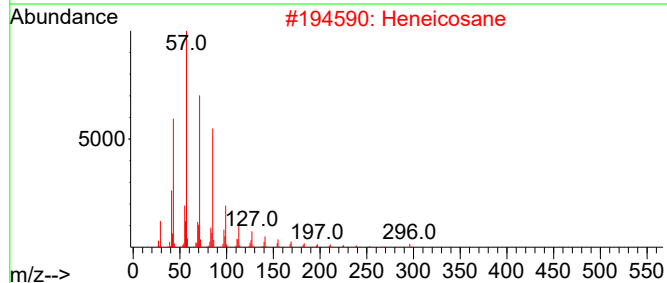
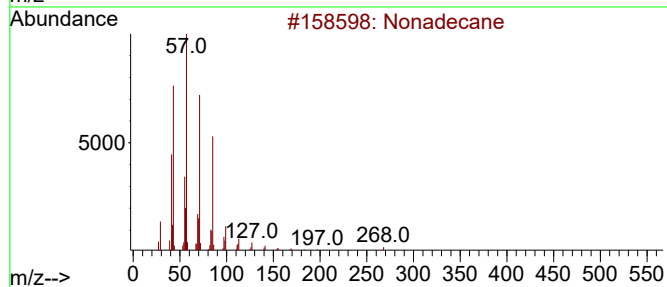
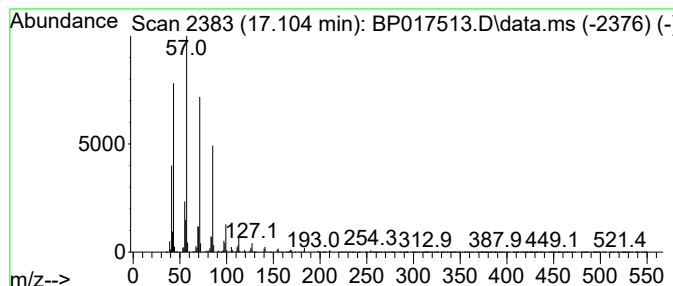
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.104	38.25 ng/ul	3273410	Phenanthrene-d10		17.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
4	Heptadecane		240	C17H36	000629-78-7	90
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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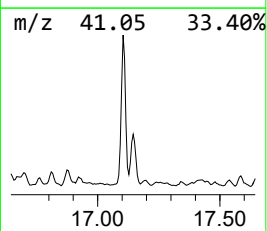
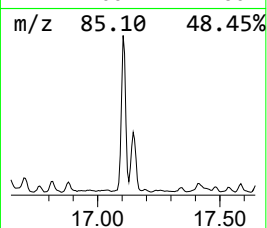
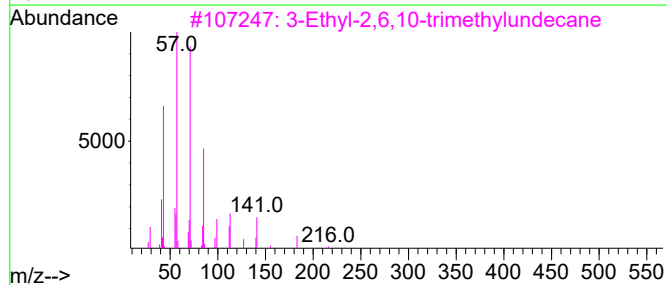
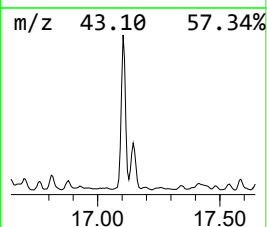
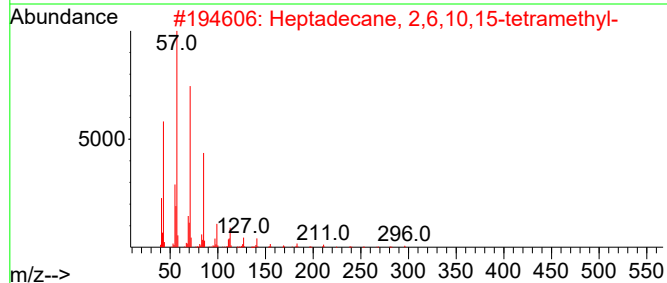
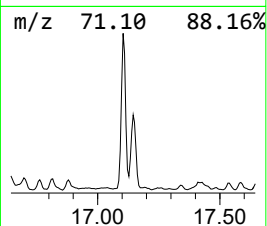
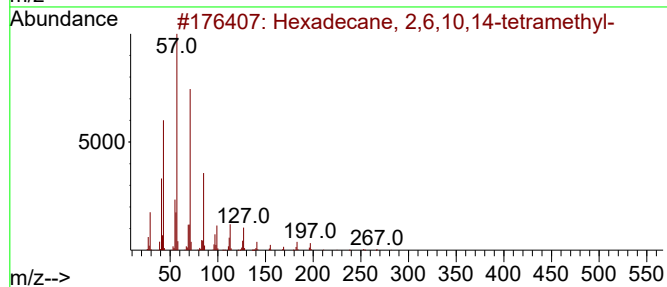
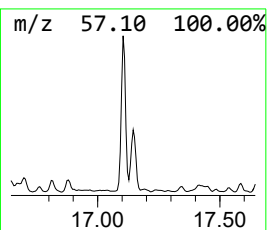
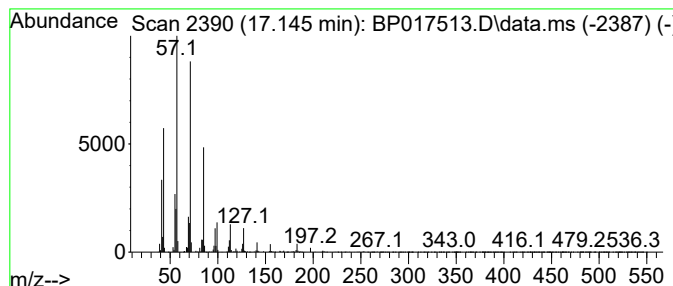
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.145	16.46 ng/ul	1409000	Phenanthrene-d10	17.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
4		Octadecane	254	C18H38	000593-45-3	86
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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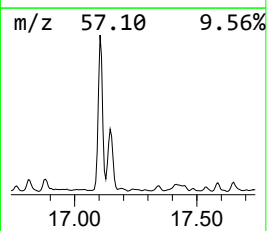
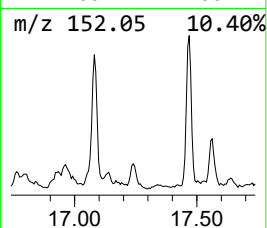
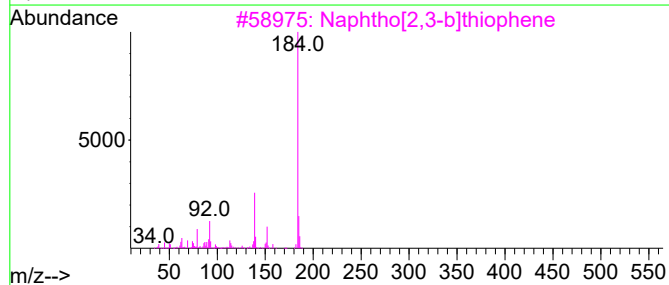
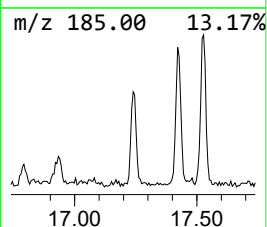
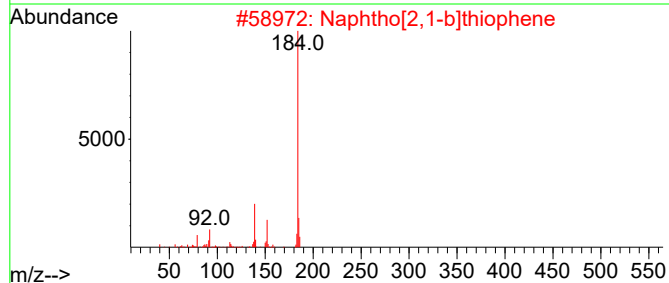
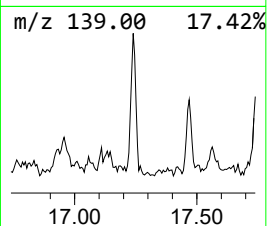
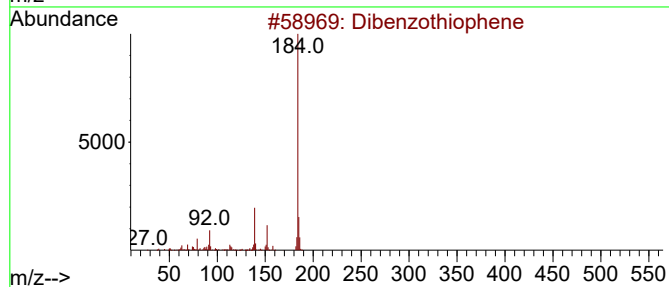
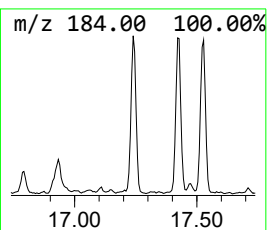
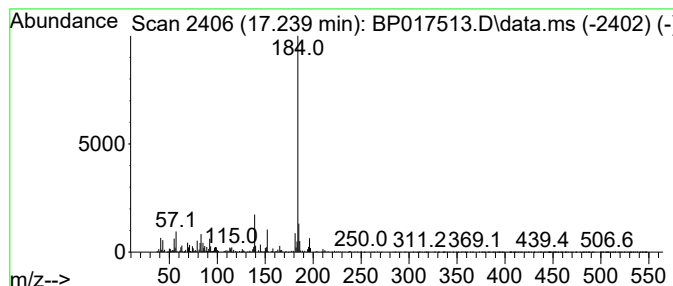
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 Dibenzothiophene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.239	3.92 ng/ul	335079	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4			Dibenzothiophene	184	C12H8S	000132-65-0	93
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
Misc :
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Instrument :
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ClientSampleId :
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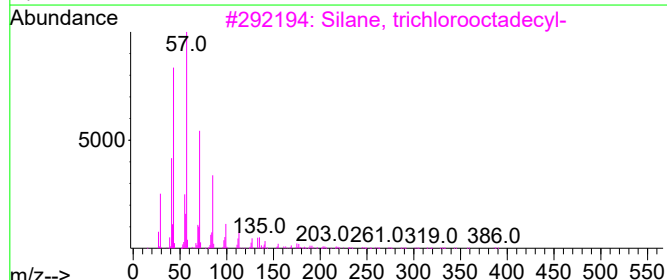
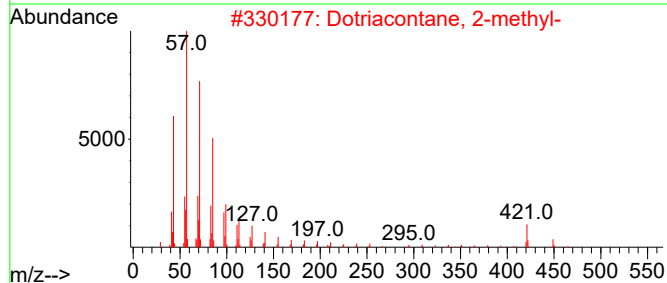
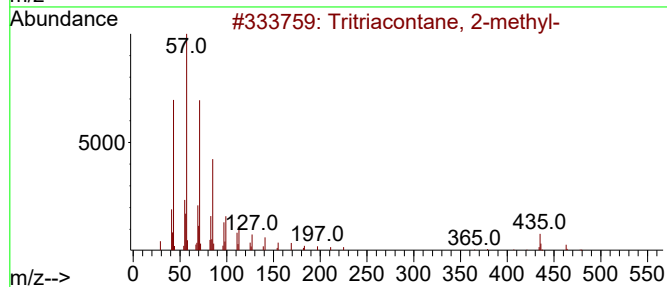
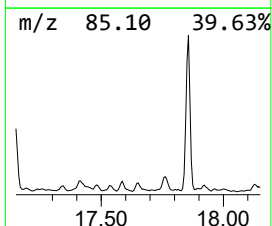
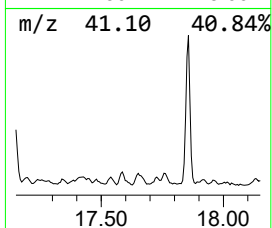
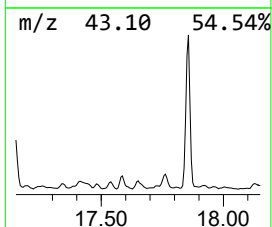
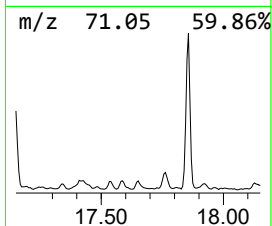
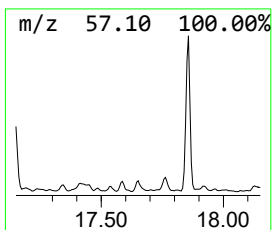
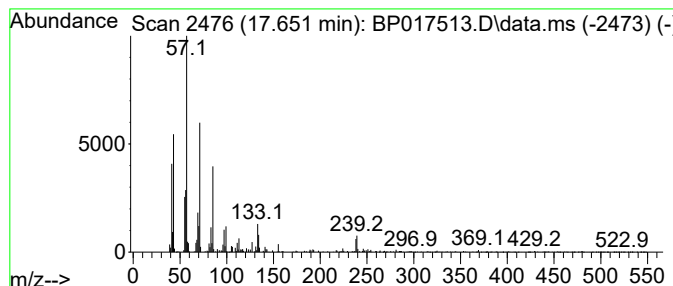
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	3.25 ng/ul	278248	Phenanthrene-d10	17.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritriacontane, 2-methyl-	479	C34H70	066214-27-5	90
2		Dotriacontane, 2-methyl-	465	C33H68	001720-11-2	89
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	81
4		Tetratetracontane	619	C44H90	007098-22-8	74
5		Heneicosane	296	C21H44	000629-94-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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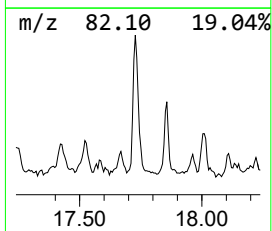
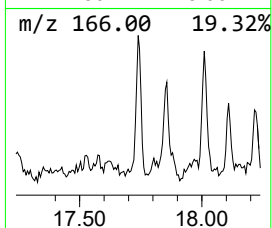
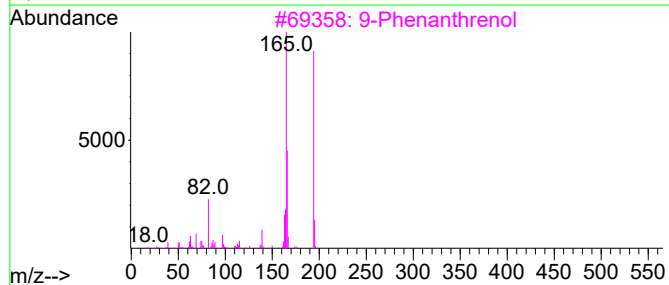
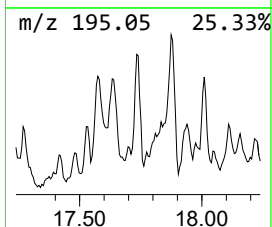
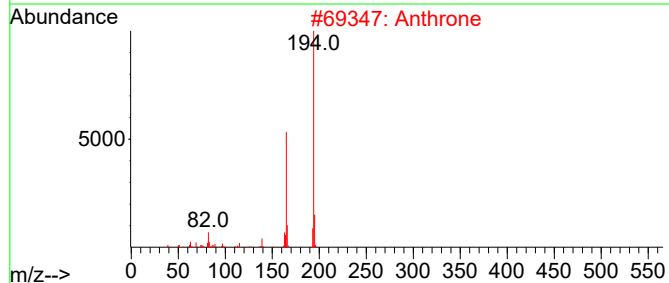
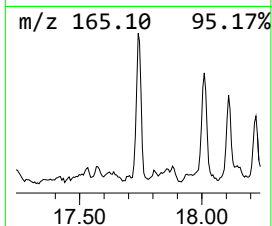
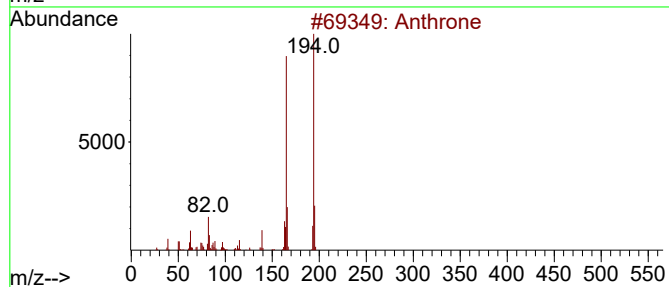
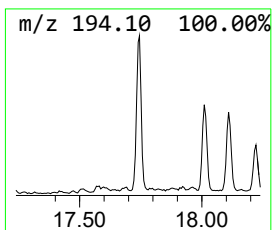
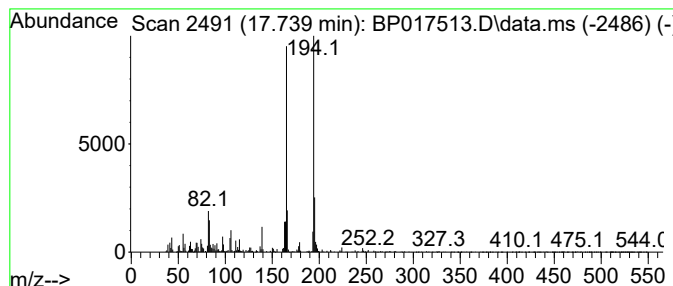
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 Anthrone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	7.73 ng/ul	661655	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	94
2			Anthrone	194	C14H10O	000090-44-8	93
3			9-Phenanthrenol	194	C14H10O	000484-17-3	89
4			9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	87
5			Anthrone	194	C14H10O	000090-44-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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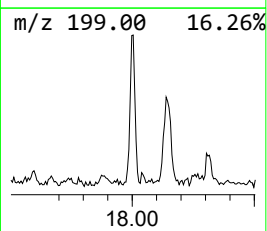
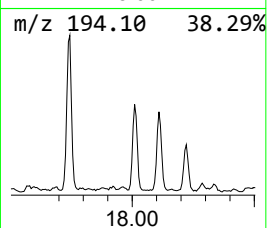
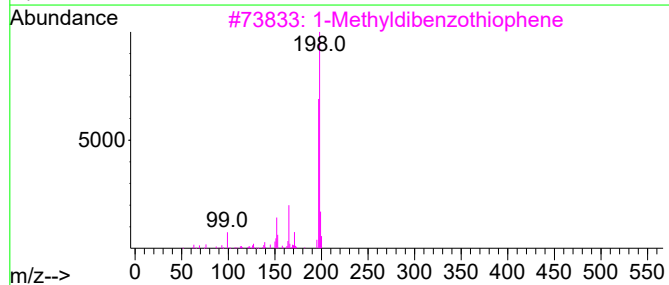
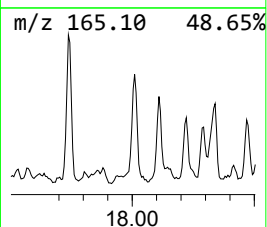
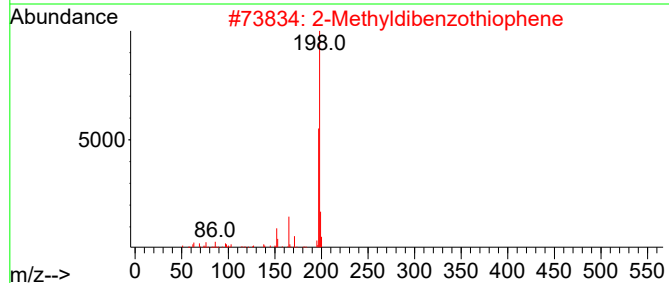
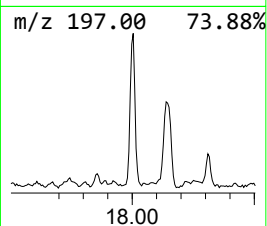
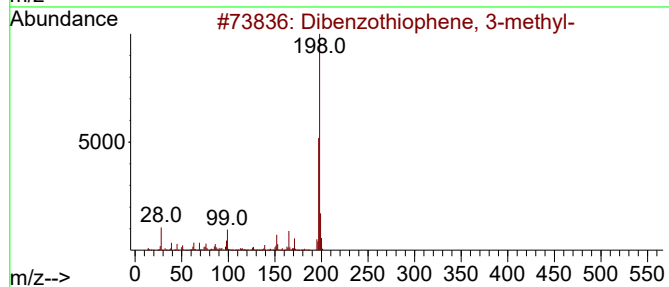
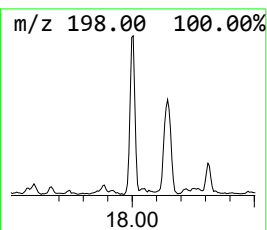
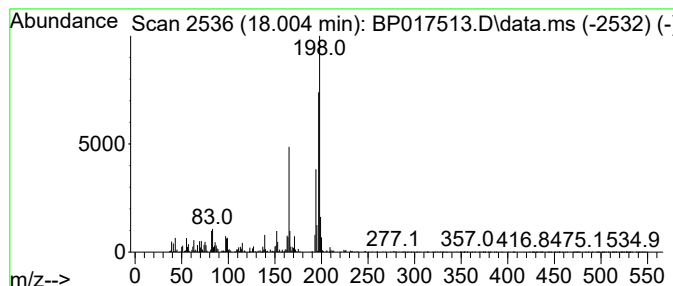
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Dibenzothiophene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	6.56 ng/ul	561165	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
2			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	62
3			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	58
4			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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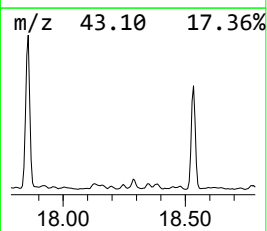
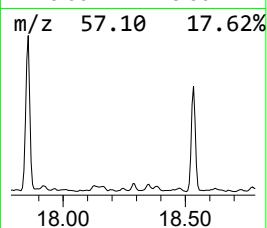
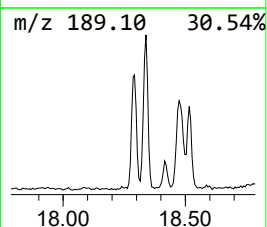
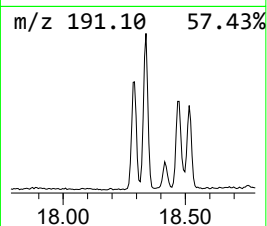
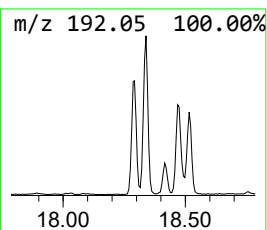
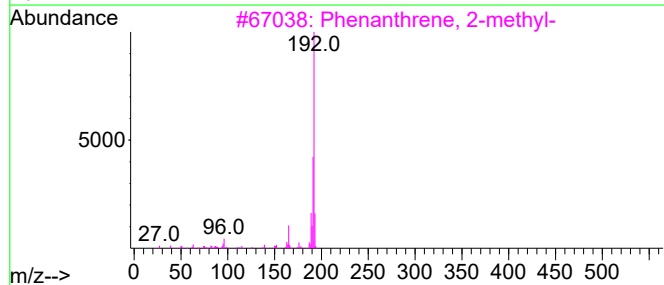
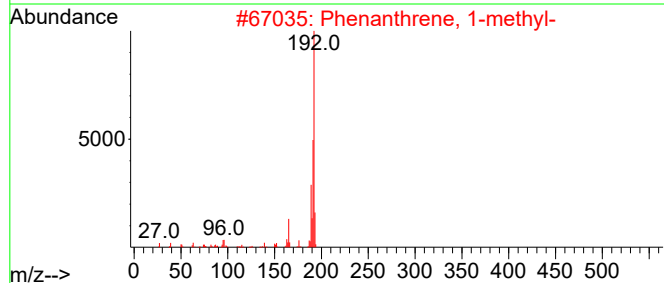
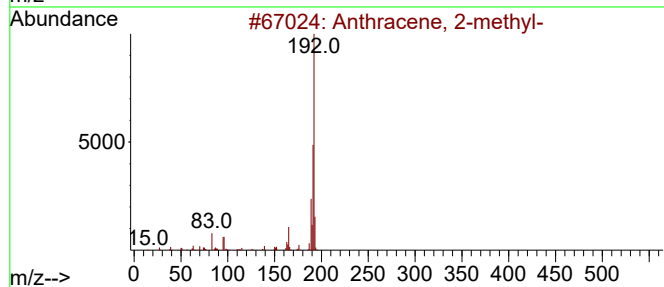
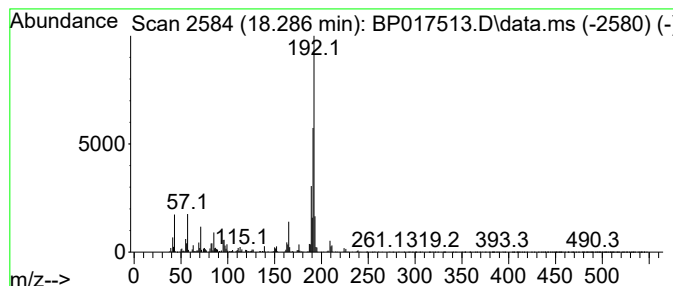
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 Anthracene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	7.42 ng/ul	635368	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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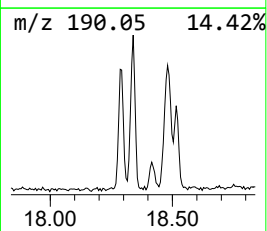
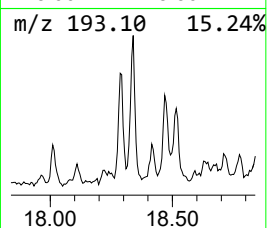
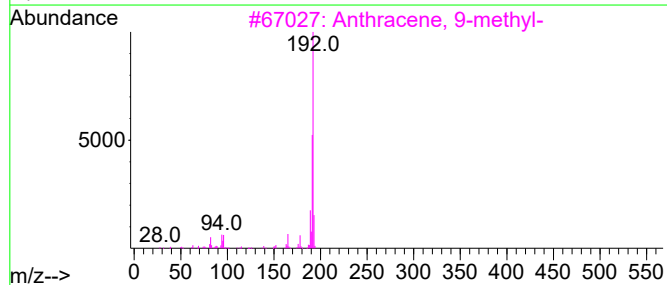
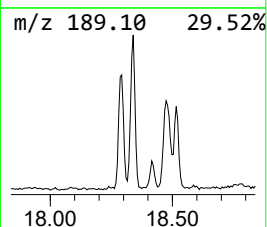
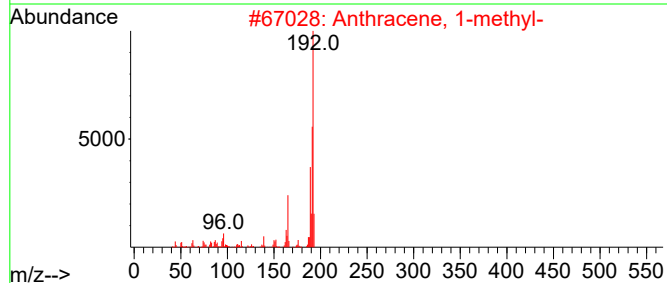
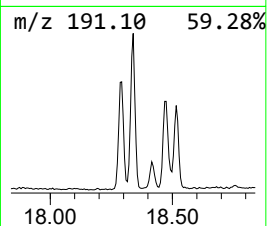
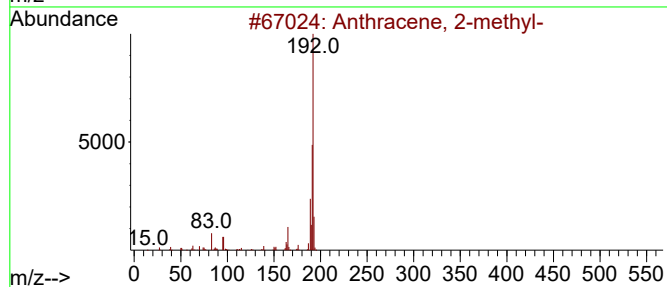
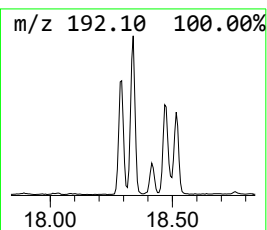
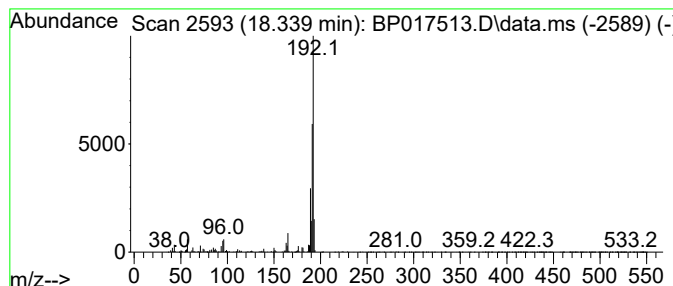
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Anthracene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	7.94 ng/ul	679080	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN4

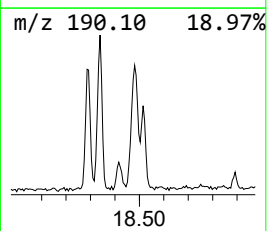
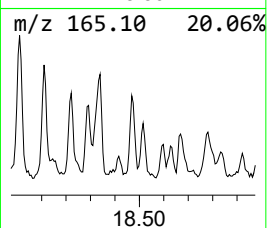
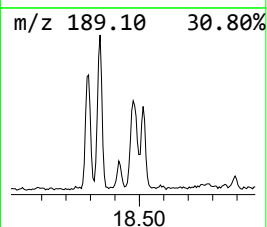
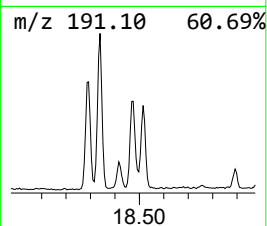
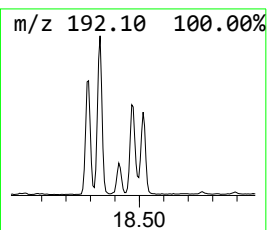
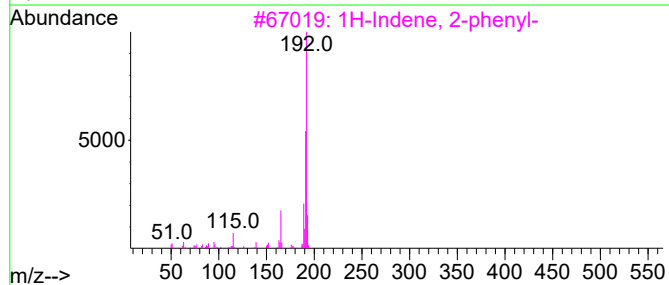
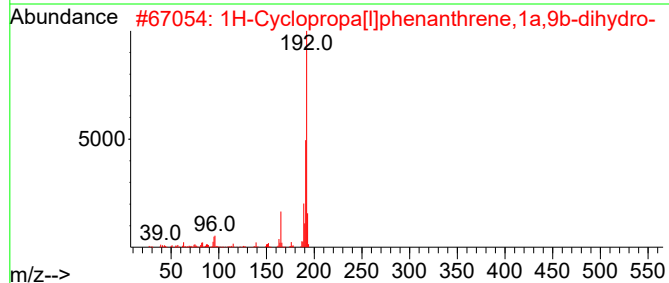
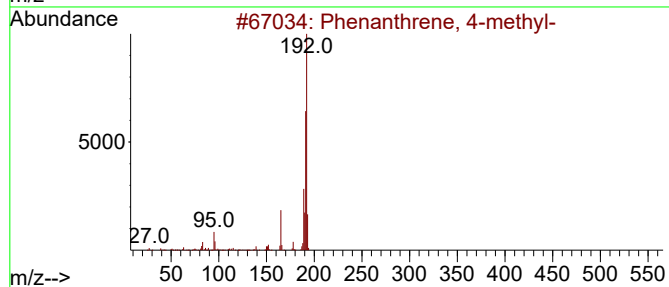
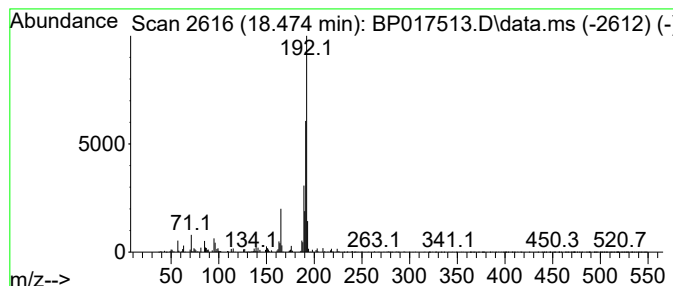
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 Phenanthrene, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	4.11 ng/ul	351523	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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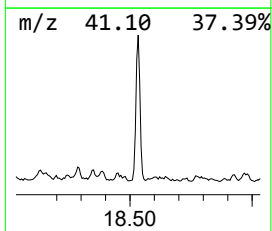
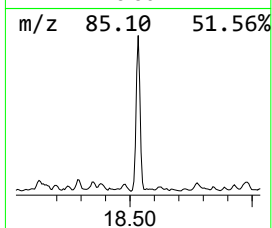
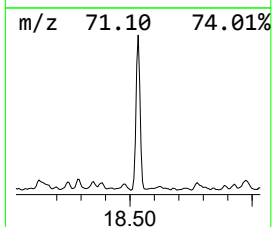
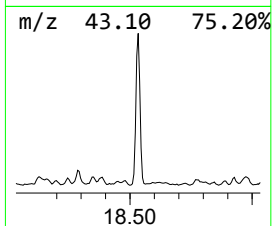
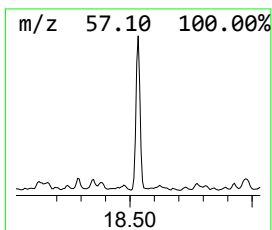
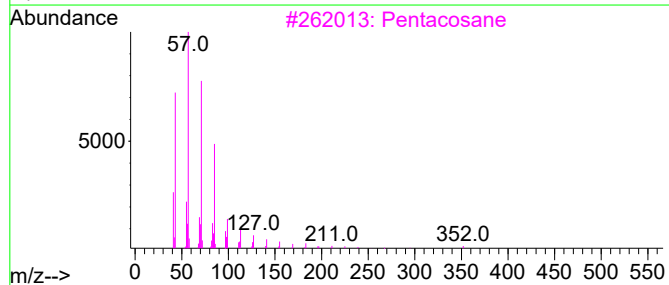
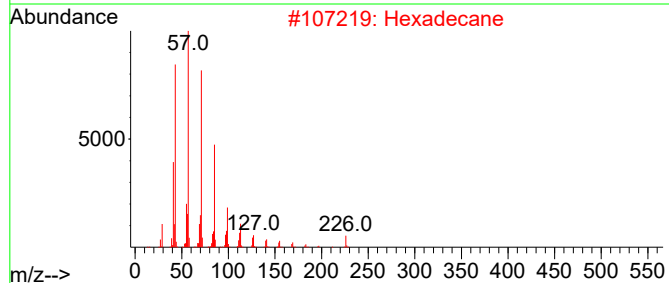
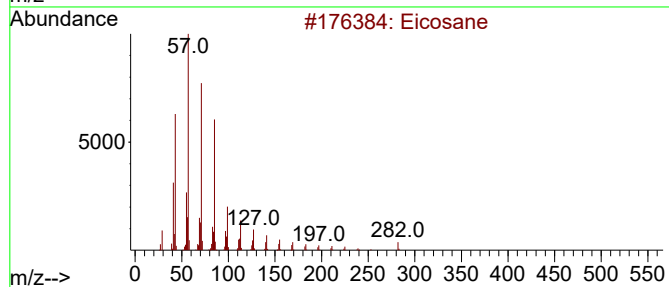
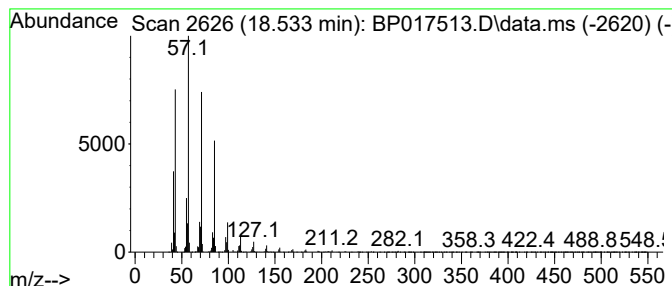
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	22.84 ng/ul	1954370	Phenanthrene-d10	17.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Hexadecane		226	C16H34	000544-76-3	93
3	Pentacosane		352	C25H52	000629-99-2	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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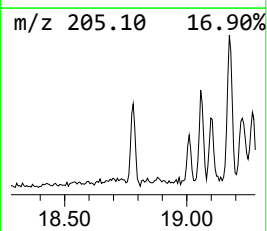
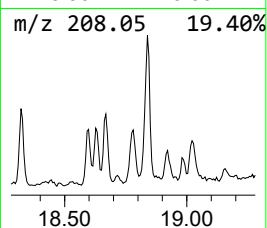
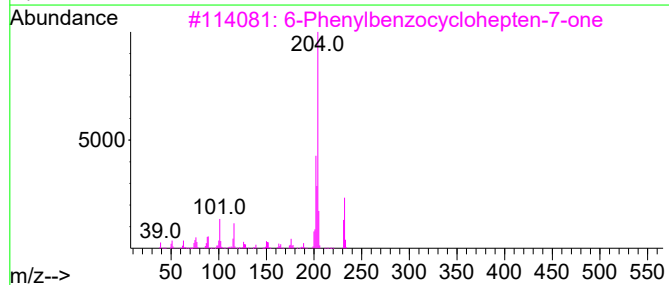
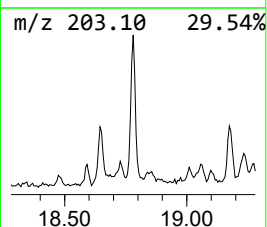
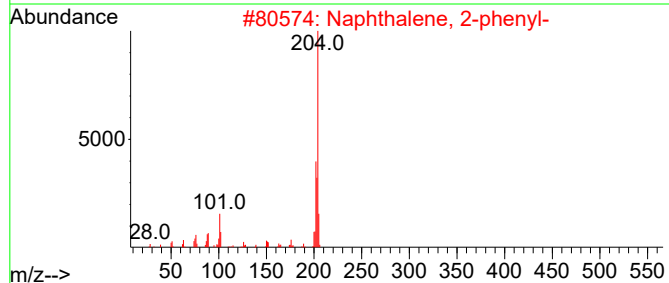
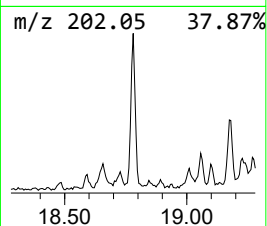
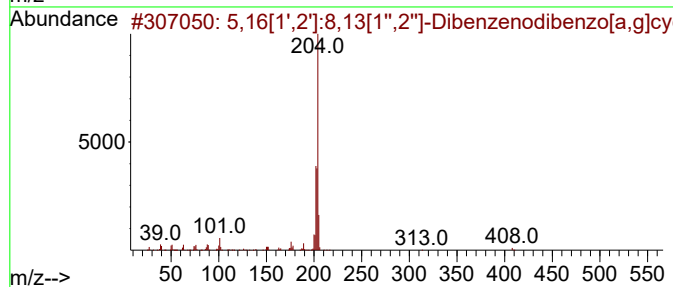
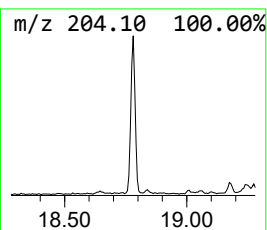
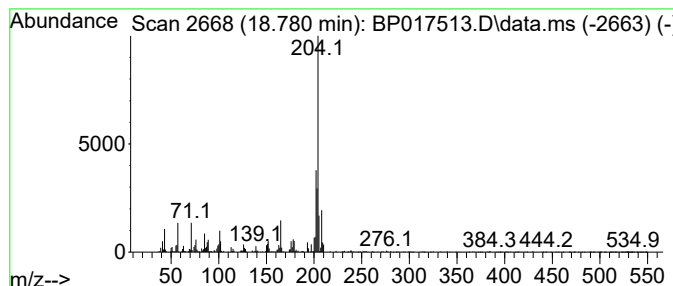
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.780	5.82 ng/ul	497890	Phenanthrene-d10	17.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	89	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83	
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64	
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64	
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
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ClientSampleId :
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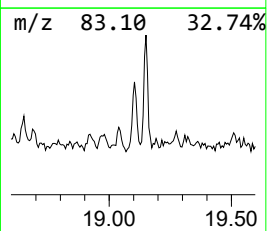
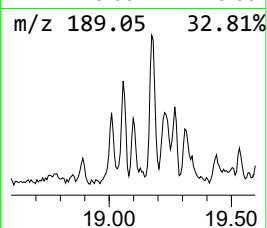
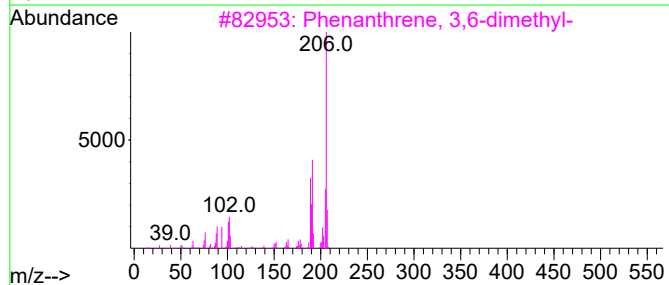
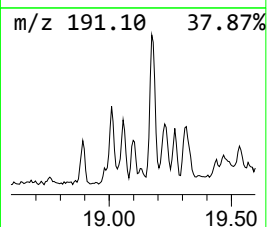
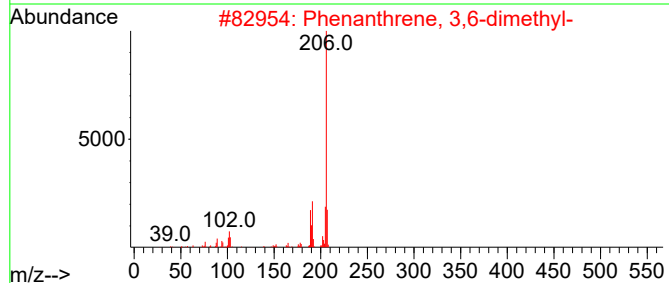
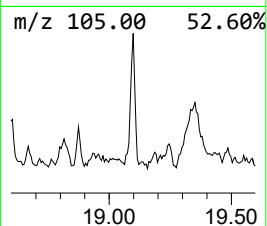
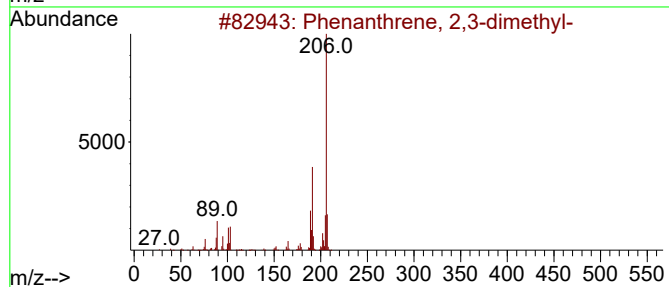
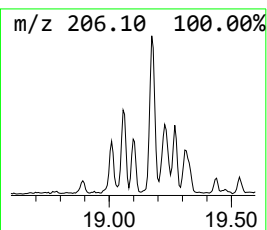
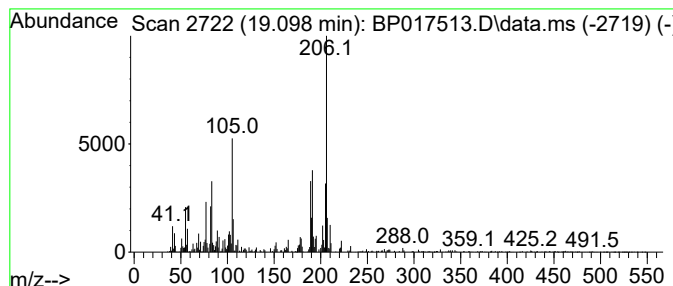
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 Phenanthrene, 2,3-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	2.52 ng/ul	215570	Phenanthrene-d10	17.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	96
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

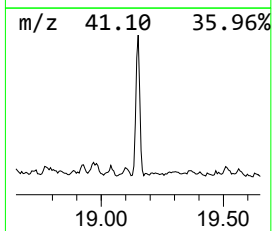
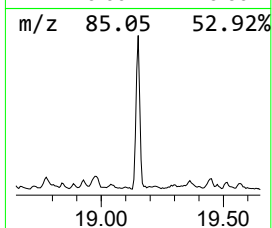
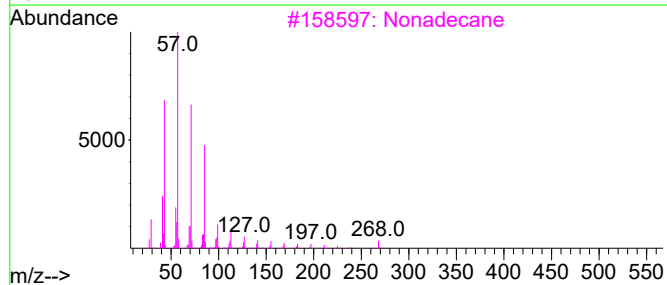
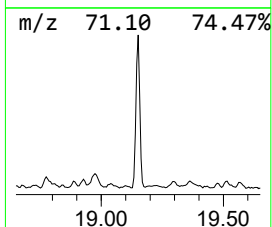
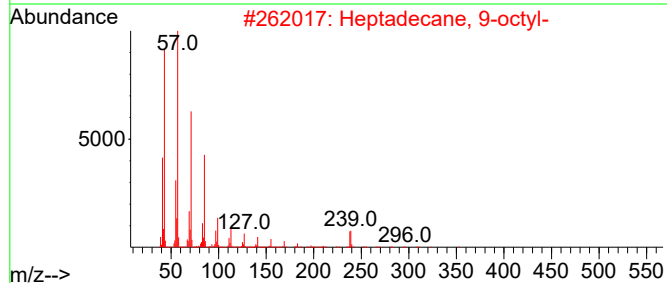
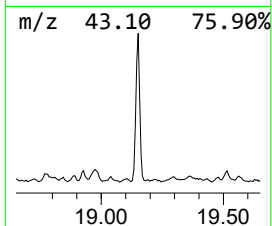
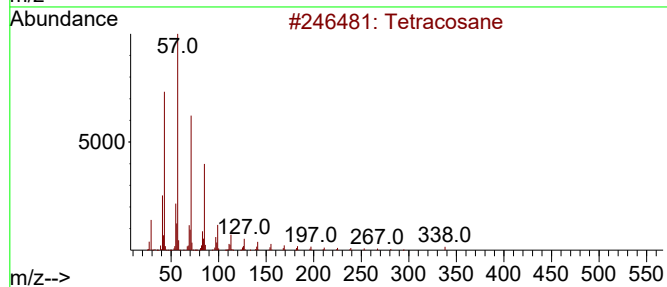
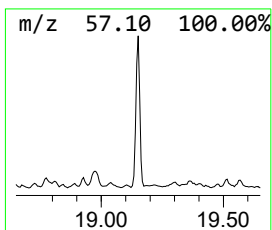
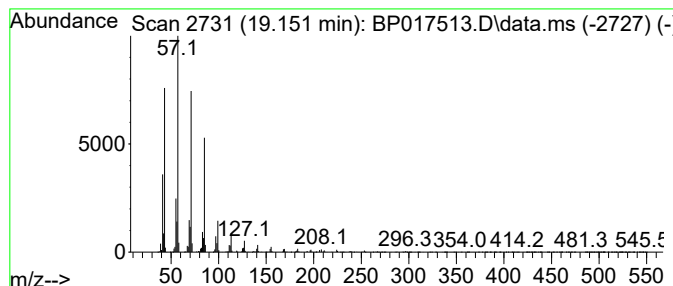
Instrument :
BNA_P
ClientSampleId :
EZYN4

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 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.151	13.00 ng/ul	1112300	Phenanthrene-d10		17.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
3	Nonadecane		268	C19H40	000629-92-5	90
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

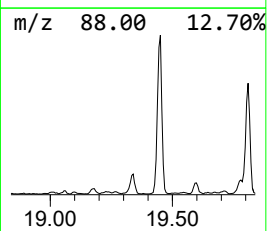
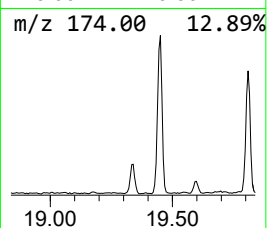
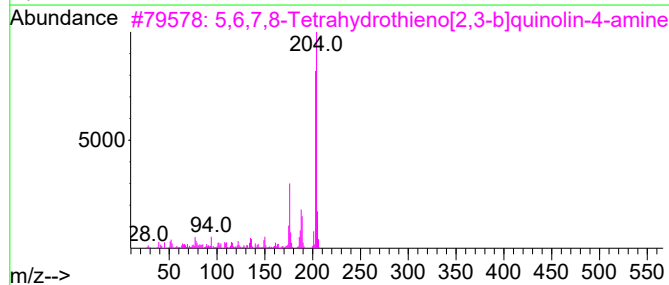
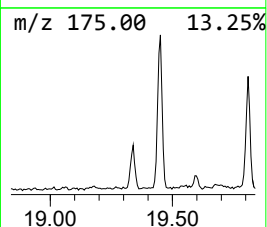
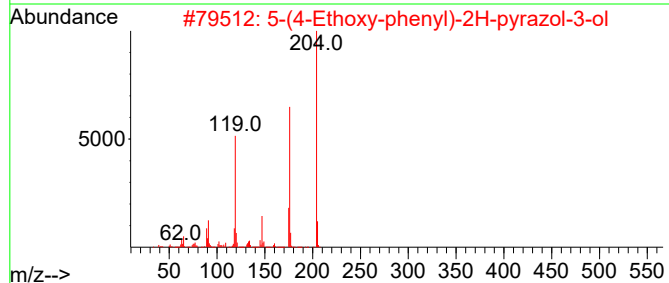
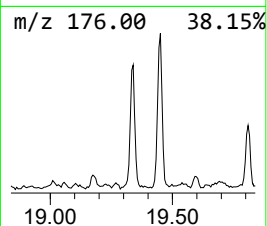
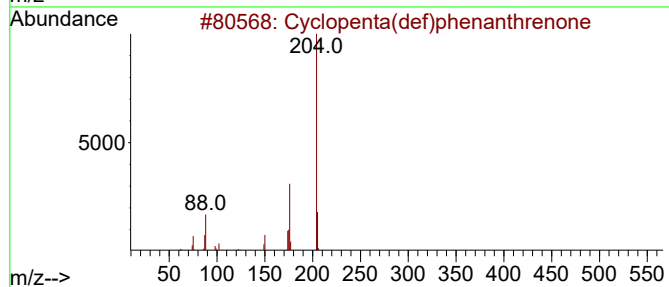
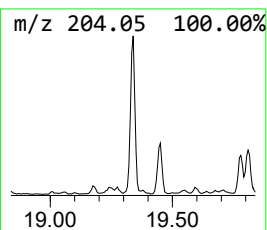
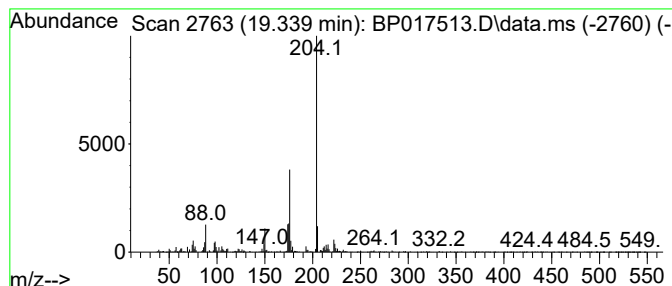
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 51 Cyclopenta(def)phenanthrenone Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.339	6.04 ng/ul	517138	Phenanthrene-d10	17.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	72
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

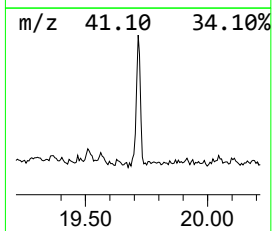
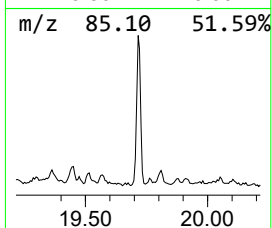
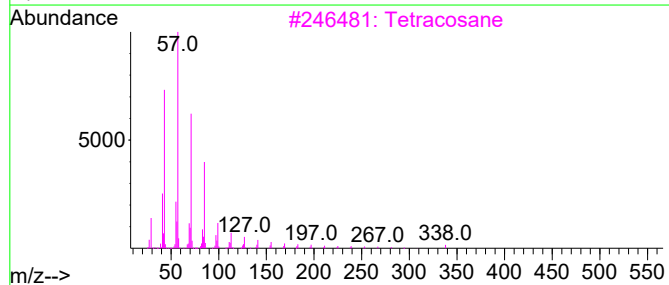
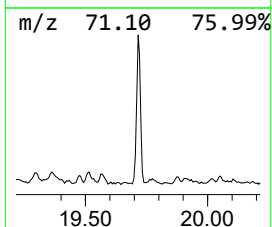
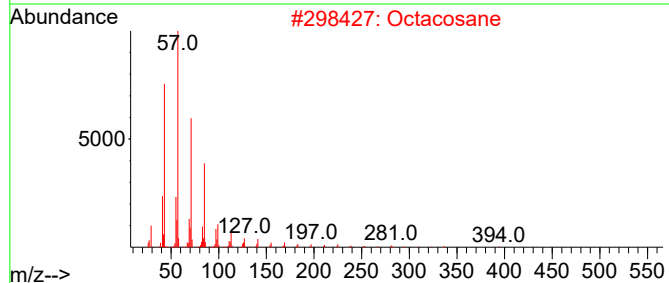
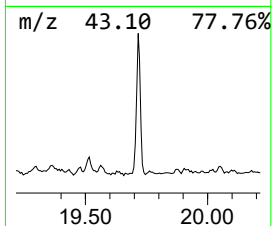
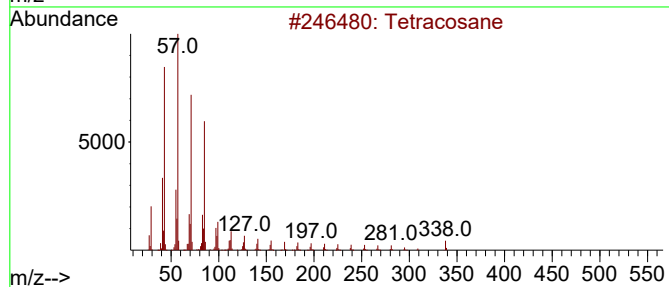
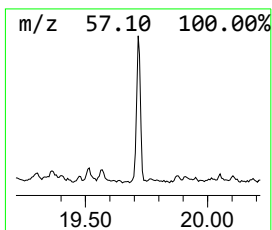
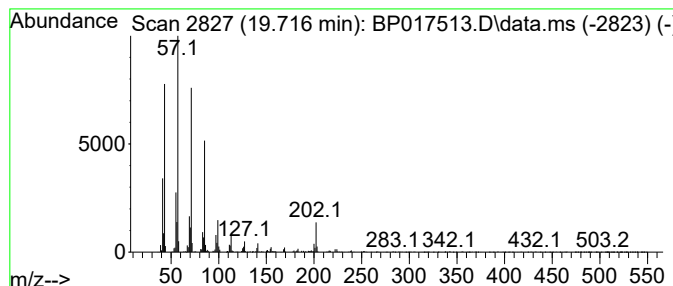
Instrument :
BNA_P
ClientSampleId :
EZY4

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 52 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.715	2.83 ng/ul	827873	Chrysene-d12	21.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetracosane	338	C24H50	000646-31-1	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN4

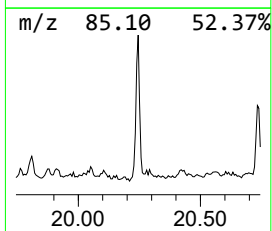
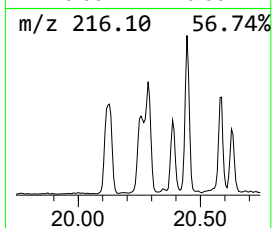
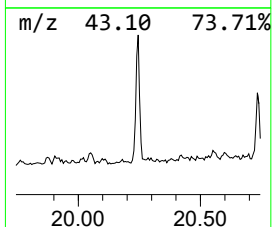
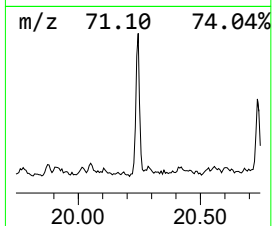
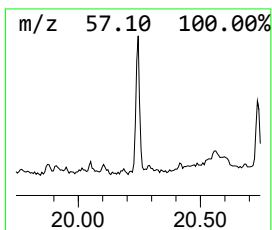
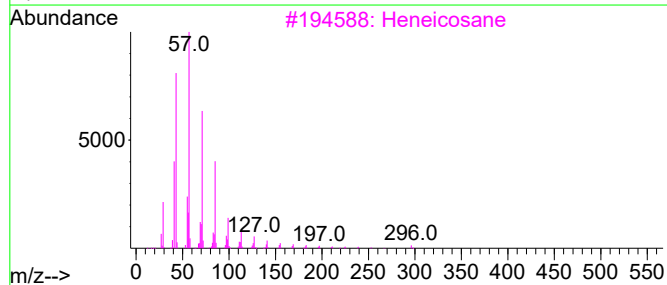
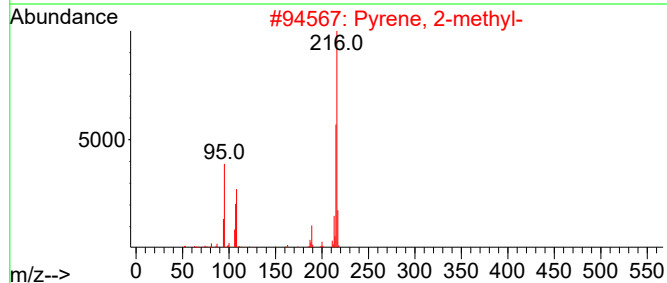
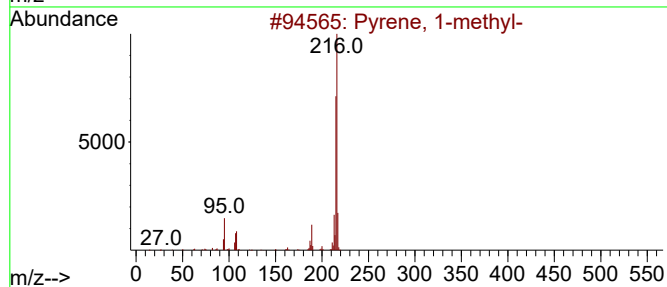
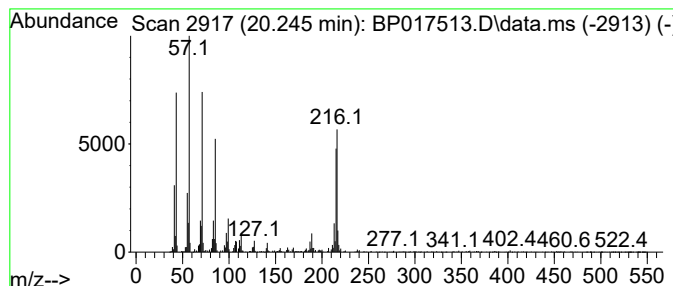
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 Pyrene, 1-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.245	2.28 ng/ul	665007	Chrysene-d12	21.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
3			Heneicosane	296	C21H44	000629-94-7	50
4			Tricosane	324	C23H48	000638-67-5	50
5			Tetracosane	338	C24H50	000646-31-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017513.D
Acq On : 03 Oct 2023 12:41
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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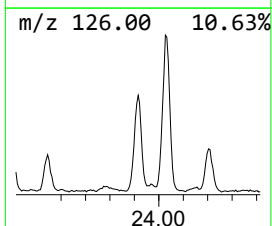
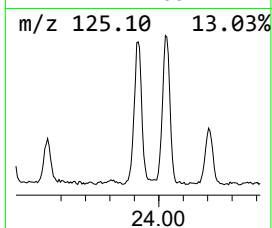
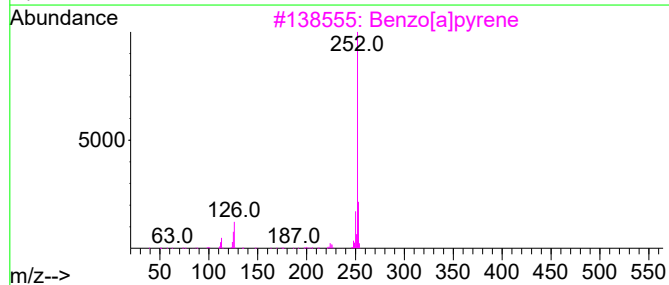
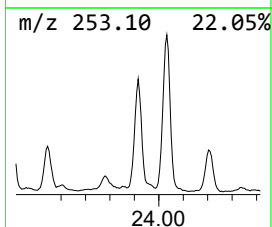
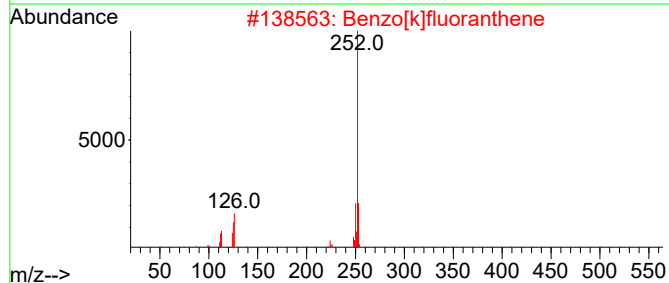
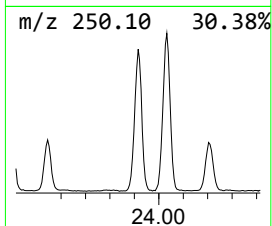
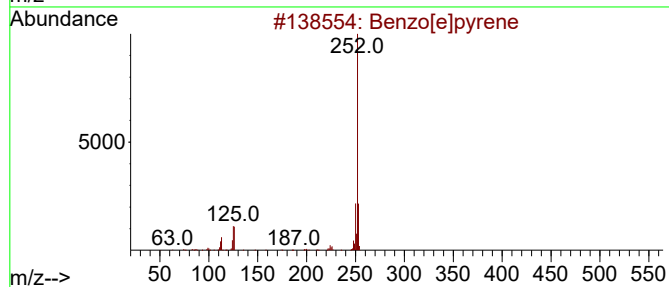
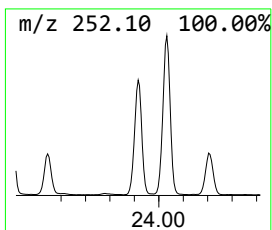
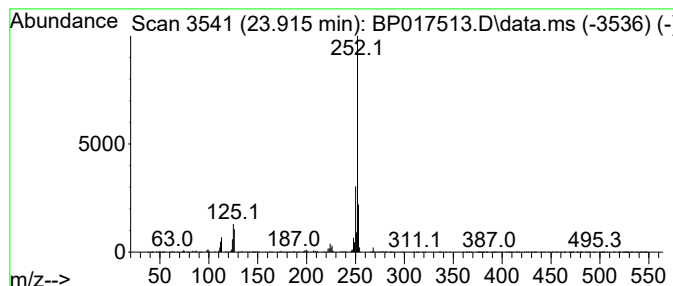
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.915	28.67 ng/ul	1878200	Perylene-d12	24.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017513.D
 Acq On : 03 Oct 2023 12:41
 Operator : MA/JU
 Sample : 04417-35
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN4

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

TIC Library : C:\DATABASE\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	10.657	12.7	ng/ul	731203	2	10.775	1148710	20.0
(DEL) Alkane: C...	11.410	4.2	ng/ul	239523	2	10.775	1148710	20.0
(DEL) Alkane: S...	11.616	3.7	ng/ul	213261	2	10.775	1148710	20.0
(DEL) Alkane: S...	11.710	10.8	ng/ul	622058	2	10.775	1148710	20.0
(DEL) Alkane: S...	11.981	5.9	ng/ul	337919	2	10.775	1148710	20.0
(DEL) Alkane: S...	12.122	31.3	ng/ul	1795800	2	10.775	1148710	20.0
(DEL) Alkane: S...	12.339	5.1	ng/ul	293539	2	10.775	1148710	20.0
Carbonic acid, ...	12.757	5.8	ng/ul	292000	3	14.633	1011060	20.0
Cyclohexane, 1,...	12.834	4.8	ng/ul	242460	3	14.633	1011060	20.0
(DEL) Alkane: S...	12.939	8.9	ng/ul	447959	3	14.633	1011060	20.0
Dodecane, 1-iodo-	13.028	5.1	ng/ul	257478	3	14.633	1011060	20.0
(DEL) Alkane: S...	13.075	17.0	ng/ul	859543	3	14.633	1011060	20.0
(DEL) Alkane: S...	13.381	55.0	ng/ul	2782110	3	14.633	1011060	20.0
Naphthalene, 1,...	13.781	18.1	ng/ul	914715	3	14.633	1011060	20.0
Naphthalene, 2,...	13.939	35.9	ng/ul	1816840	3	14.633	1011060	20.0
Naphthalene, 1,...	14.181	16.2	ng/ul	817605	3	14.633	1011060	20.0
(DEL) Alkane: S...	14.463	69.1	ng/ul	3493600	3	14.633	1011060	20.0
unknown-01	14.539	7.4	ng/ul	374070	3	14.633	1011060	20.0
3-(2-Methyl-pro...	14.833	13.6	ng/ul	689707	3	14.633	1011060	20.0
Tridecane, 1-iodo-	14.957	5.5	ng/ul	279131	3	14.633	1011060	20.0
Naphthalene, 2,...	15.098	32.3	ng/ul	1634610	3	14.633	1011060	20.0
(DEL) Alkane: S...	15.151	7.7	ng/ul	386905	3	14.633	1011060	20.0
Naphthalene, 1,...	15.239	16.4	ng/ul	831702	3	14.633	1011060	20.0
Naphthalene, 1,...	15.298	18.8	ng/ul	949251	3	14.633	1011060	20.0
(DEL) Alkane: S...	15.422	99.7	ng/ul	5039880	3	14.633	1011060	20.0
Mesityl oxide s...	15.533	4.5	ng/ul	229585	3	14.633	1011060	20.0
Naphthalene, 2-...	15.722	9.9	ng/ul	500351	3	14.633	1011060	20.0
1,6-Dimethyl- 3...	15.875	5.5	ng/ul	276280	3	14.633	1011060	20.0
(DEL) Alkane: S...	15.986	17.5	ng/ul	885216	3	14.633	1011060	20.0
(DEL) Alkane: C...	16.057	6.2	ng/ul	530684	4	17.422	1711570	20.0
6H-Dibenzo[b,d]...	16.128	3.2	ng/ul	271632	4	17.422	1711570	20.0
(DEL) Alkane: S...	16.298	68.7	ng/ul	5882860	4	17.422	1711570	20.0
1,4,5,8-Tetrame...	16.351	6.7	ng/ul	572537	4	17.422	1711570	20.0
1,1'-Biphenyl, ...	16.763	3.5	ng/ul	303832	4	17.422	1711570	20.0
2-Bromo dodecane	16.810	4.1	ng/ul	350988	4	17.422	1711570	20.0
(DEL) Alkane: S...	16.875	3.4	ng/ul	290511	4	17.422	1711570	20.0
(DEL) Alkane: C...	16.927	2.5	ng/ul	213099	4	17.422	1711570	20.0
(DEL) Alkane: S...	17.104	38.3	ng/ul	3273410	4	17.422	1711570	20.0
(DEL) Alkane: S...	17.145	16.5	ng/ul	1409000	4	17.422	1711570	20.0
Dibenzothiophene	17.239	3.9	ng/ul	335079	4	17.422	1711570	20.0
(DEL) Alkane: S...	17.651	3.3	ng/ul	278248	4	17.422	1711570	20.0
Anthrone	17.739	7.7	ng/ul	661655	4	17.422	1711570	20.0
Dibenzothiophen...	18.004	6.6	ng/ul	561165	4	17.422	1711570	20.0
Anthracene, 2-m...	18.286	7.4	ng/ul	635368	4	17.422	1711570	20.0
Anthracene, 9-m...	18.339	7.9	ng/ul	679080	4	17.422	1711570	20.0
Phenanthrene, 4...	18.474	4.1	ng/ul	351523	4	17.422	1711570	20.0
(DEL) Alkane: S...	18.533	22.8	ng/ul	1954370	4	17.422	1711570	20.0
5,16[1',2']:8,1...	18.780	5.8	ng/ul	497890	4	17.422	1711570	20.0
Phenanthrene, 2...	19.098	2.5	ng/ul	215570	4	17.422	1711570	20.0
(DEL) Alkane: S...	19.151	13.0	ng/ul	1112300	4	17.422	1711570	20.0
Cyclopenta(def)...	19.339	6.0	ng/ul	517138	4	17.422	1711570	20.0
(DEL) Alkane: S...	19.715	2.8	ng/ul	827873	5	21.563	5840820	20.0

Pyrene, 1-methyl-	20.245	2.3	ng/ul	665007	5	21.563	5840820	20.0
Benzo[e]pyrene	23.915	28.7	ng/ul	1878200	6	24.151	1310120	20.0

Instrument :
BNA_P
ClientSampleId :
EZYN4