

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029836.D
 Acq On : 05 May 2021 20:46
 Operator : CG/JU
 Sample : M2192-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG595

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.751	653	657	667	rVB	150320	306460	5.58%	0.369%
2	6.910	681	684	694	rVB2	131459	269909	4.92%	0.325%
3	7.104	712	717	731	rVB2	207203	480336	8.75%	0.579%
4	7.563	789	795	801	rVB	342269	581670	10.59%	0.701%
5	7.845	835	843	850	rVB4	94807	235706	4.29%	0.284%
6	8.110	883	888	895	rVB4	80609	153322	2.79%	0.185%
7	8.281	909	917	927	rVV	174910	392713	7.15%	0.473%
8	8.663	978	982	987	rVB4	78393	129786	2.36%	0.156%
9	8.722	987	992	996	rBV	133310	238289	4.34%	0.287%
10	8.875	1012	1018	1020	rVV4	63114	126422	2.30%	0.152%
11	8.910	1020	1024	1029	rVB5	79843	153323	2.79%	0.185%
12	9.263	1078	1084	1089	rVB4	93616	155695	2.84%	0.188%
13	9.439	1107	1114	1117	rBV2	134717	249766	4.55%	0.301%
14	9.469	1117	1119	1124	rVV2	103264	164874	3.00%	0.199%
15	9.522	1124	1128	1135	rVB4	111169	193145	3.52%	0.233%
16	9.981	1201	1206	1214	rVV	141687	239339	4.36%	0.289%
17	10.339	1254	1267	1272	rBV	538948	1002074	18.25%	1.208%
18	10.386	1272	1275	1284	rVB2	114259	220388	4.01%	0.266%
19	10.510	1289	1296	1301	rVV3	240479	497260	9.06%	0.600%
20	10.739	1323	1335	1339	rBV7	56793	168887	3.08%	0.204%
21	10.828	1345	1350	1359	rVB2	85050	148150	2.70%	0.179%
22	11.010	1375	1381	1383	rBV4	84354	139737	2.54%	0.168%
23	11.039	1383	1386	1391	rVB	133536	198351	3.61%	0.239%
24	11.369	1437	1442	1452	rBV2	420421	810188	14.76%	0.977%
25	11.628	1478	1486	1491	rBV3	92132	179090	3.26%	0.216%
26	11.792	1512	1514	1521	rVV8	57751	112044	2.04%	0.135%
27	11.869	1522	1527	1531	rVV8	45635	118681	2.16%	0.143%
28	11.916	1531	1535	1539	rVV3	64307	111015	2.02%	0.134%
29	12.004	1539	1550	1557	rVB4	183248	512858	9.34%	0.618%
30	12.233	1583	1589	1593	rBV	126518	243647	4.44%	0.294%
31	12.480	1626	1631	1638	rVB2	156489	291155	5.30%	0.351%
32	12.627	1651	1656	1663	rVB7	55285	140668	2.56%	0.170%
33	12.704	1663	1669	1672	rBV5	69773	138440	2.52%	0.167%
34	12.751	1672	1677	1682	rVV	614724	916995	16.70%	1.106%

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35	13.016	1718	1722	1726	rBV	117057	168146	3.06%	0.203%
36	13.063	1726	1730	1734	rVV2	154079	207913	3.79%	0.251%
37	13.133	1738	1742	1746	rBV3	93901	127057	2.31%	0.153%
38	13.386	1776	1785	1789	rBV4	131379	353327	6.43%	0.426%
39	13.533	1805	1810	1814	rBV	188718	340599	6.20%	0.411%
40	13.586	1815	1819	1821	rVV	131494	187115	3.41%	0.226%
41	13.627	1821	1826	1831	rVV	652175	941592	17.15%	1.135%
42	13.704	1831	1839	1844	rVV3	835604	1333910	24.29%	1.608%
43	13.763	1844	1849	1853	rVB4	115781	217345	3.96%	0.262%
44	13.904	1868	1873	1883	rVB2	572146	1158036	21.09%	1.396%
45	14.039	1892	1896	1899	rBV2	115960	167715	3.05%	0.202%
46	14.210	1916	1925	1932	rBV	820009	1472438	26.82%	1.775%
47	14.274	1932	1936	1940	rBV2	155162	231773	4.22%	0.279%
48	14.621	1991	1995	2000	rVB2	215722	378003	6.88%	0.456%
49	14.692	2004	2007	2013	rVB	192272	246592	4.49%	0.297%
50	14.751	2013	2017	2022	rBV	298029	416135	7.58%	0.502%
51	14.833	2026	2031	2036	rBV2	162622	331708	6.04%	0.400%
52	14.933	2044	2048	2052	rBV6	68867	128831	2.35%	0.155%
53	14.998	2053	2059	2063	rVV4	169127	356254	6.49%	0.430%
54	15.210	2090	2095	2100	rVB	826313	1143128	20.82%	1.378%
55	15.263	2100	2104	2108	rBV2	252202	381778	6.95%	0.460%
56	15.304	2108	2111	2117	rVB4	89501	162828	2.97%	0.196%
57	15.486	2137	2142	2148	rVB2	881295	1342709	24.45%	1.619%
58	15.692	2173	2177	2181	rBV6	89008	146443	2.67%	0.177%
59	15.968	2216	2224	2234	rBV	1465813	2409676	43.89%	2.905%
60	16.315	2280	2283	2286	rBV4	133586	182165	3.32%	0.220%
61	16.786	2358	2363	2371	rVB2	970342	1518058	27.65%	1.830%
62	16.957	2388	2392	2396	rBV	870099	1369776	24.95%	1.651%
63	16.998	2396	2399	2404	rVV	1495073	2075257	37.79%	2.502%
64	17.057	2404	2409	2412	rVV	924394	1378595	25.11%	1.662%
65	17.092	2412	2415	2420	rVB	575285	767672	13.98%	0.926%
66	17.392	2463	2466	2472	rVB3	243596	331831	6.04%	0.400%
67	17.539	2488	2491	2497	rVB2	171121	264802	4.82%	0.319%
68	17.833	2537	2541	2544	rBV	522096	670546	12.21%	0.808%
69	17.880	2545	2549	2557	rVB	669638	999897	18.21%	1.206%
70	17.962	2559	2563	2568	rVV	362691	604137	11.00%	0.728%
71	18.021	2568	2573	2577	rVV2	821091	1538793	28.02%	1.855%

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72	18.062	2578	2580	2586	rVB	459188	578405	10.53%	0.697%
73	18.339	2624	2627	2631	rVB	260276	295506	5.38%	0.356%
74	18.433	2639	2643	2647	rBV	577514	760156	13.84%	0.916%
75	18.580	2665	2668	2672	rVB	557176	704310	12.83%	0.849%
76	18.633	2673	2677	2681	rBV2	302548	457349	8.33%	0.551%
77	18.756	2694	2698	2702	rBV	508759	714053	13.00%	0.861%
78	18.821	2703	2709	2712	rBV4	257294	564302	10.28%	0.680%
79	19.021	2738	2743	2748	rBV	2306792	2982549	54.32%	3.596%
80	19.080	2749	2753	2758	rVB2	1348147	1747247	31.82%	2.107%
81	19.174	2766	2769	2778	rVB	366922	521252	9.49%	0.628%
82	19.356	2795	2800	2802	rBV	1377780	2035200	37.07%	2.454%
83	19.386	2802	2805	2814	rVB	2825686	3735022	68.02%	4.503%
84	19.556	2831	2834	2838	rBV3	265499	370863	6.75%	0.447%
85	19.803	2872	2876	2880	rBV	2497826	3188953	58.08%	3.845%
86	19.880	2886	2889	2893	rVB	840624	1126804	20.52%	1.359%
87	19.986	2903	2907	2911	rVB	752220	969291	17.65%	1.169%
88	20.039	2913	2916	2921	rVB	571377	684631	12.47%	0.825%
89	20.180	2937	2940	2943	rVB	291986	320392	5.83%	0.386%
90	20.227	2945	2948	2952	rVB	368915	463165	8.44%	0.558%
91	20.833	3048	3051	3054	rBV2	404855	537097	9.78%	0.648%
92	21.133	3098	3102	3107	rBV2	2184394	3903861	71.10%	4.707%
93	21.180	3107	3110	3120	rVB	1913269	2751236	50.11%	3.317%
94	21.892	3227	3231	3239	rVB	2702463	4247261	77.35%	5.121%
95	22.662	3359	3362	3366	rBV2	930396	1571990	28.63%	1.895%
96	23.121	3437	3440	3444	rBV	533883	801844	14.60%	0.967%
97	23.174	3445	3449	3452	rVV	850080	1455615	26.51%	1.755%
98	23.215	3452	3456	3462	rVB	1488290	2648078	48.23%	3.193%
99	23.303	3468	3471	3476	rVB2	763252	1241643	22.61%	1.497%
100	25.468	3831	3839	3851	rVB2	2085505	5490871	100.00%	6.620%

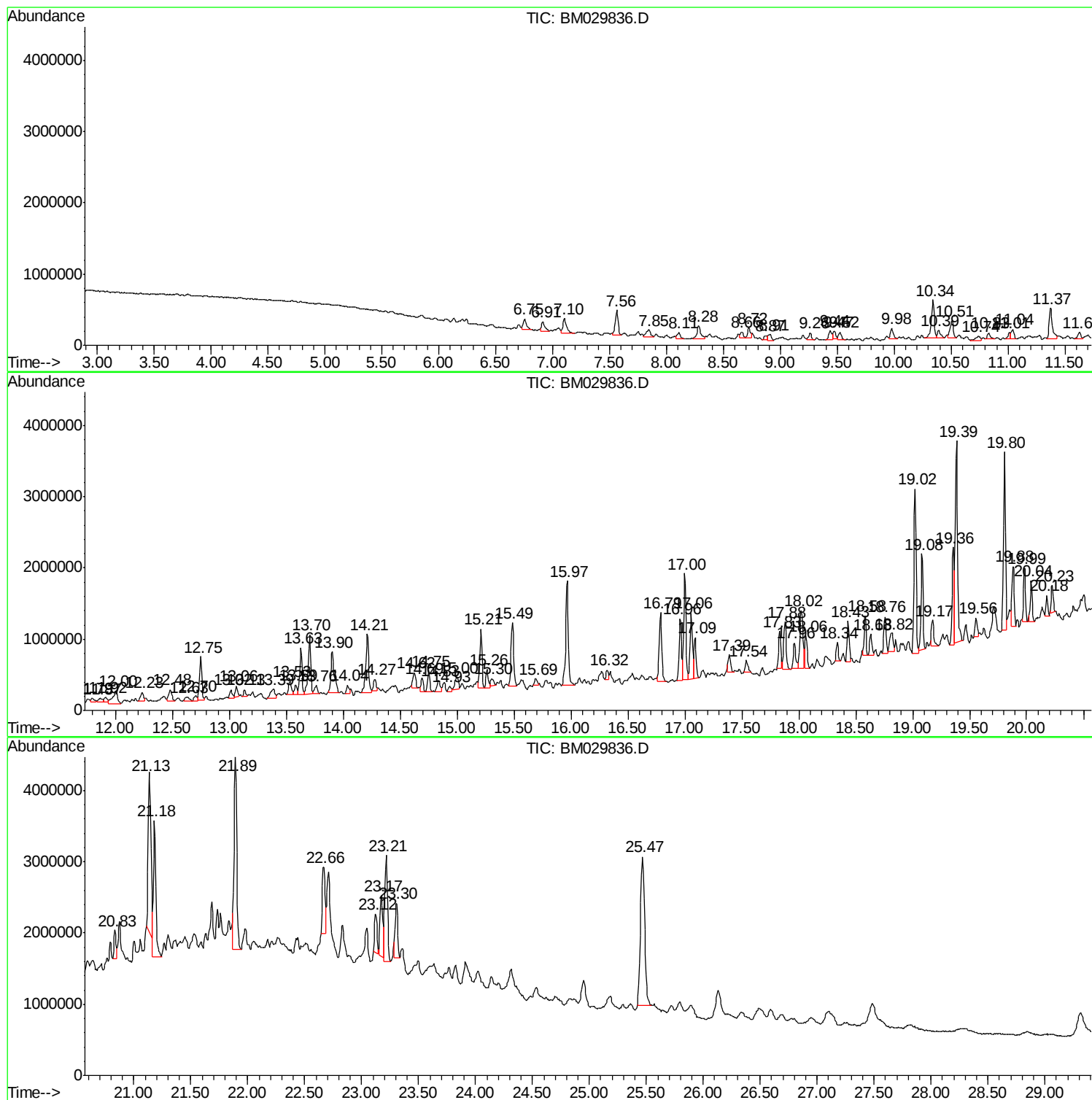
Sum of corrected areas: 82941909

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Instrument :
BNA_M
ClientSampled :
BG595

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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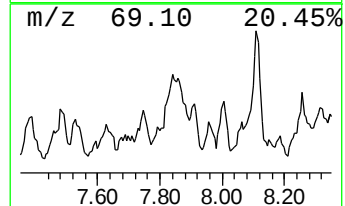
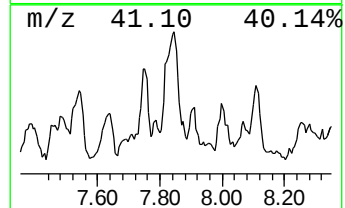
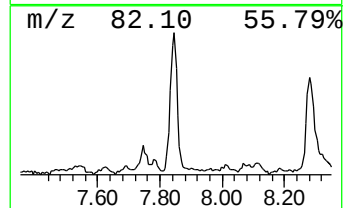
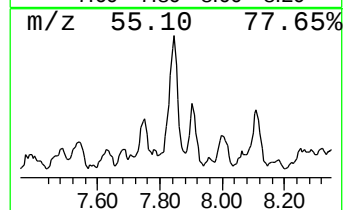
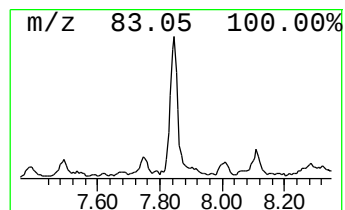
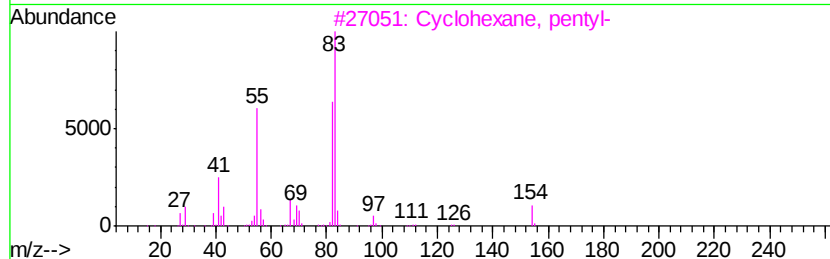
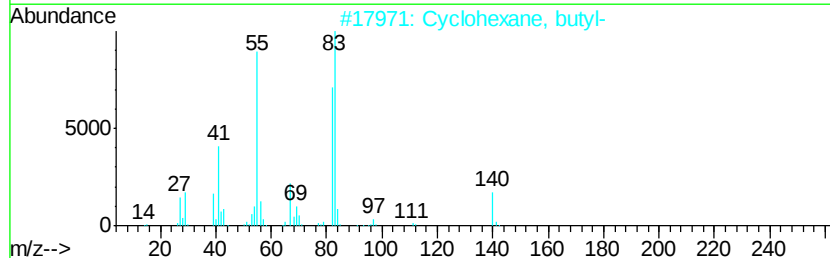
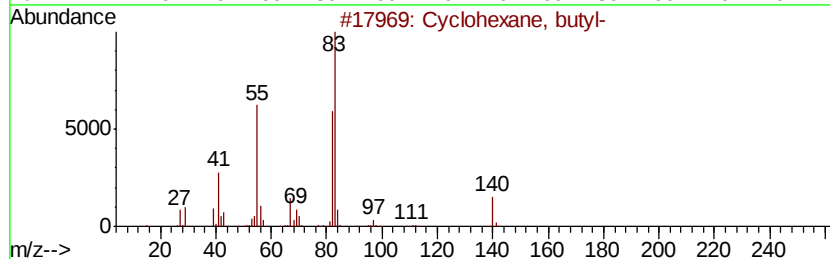
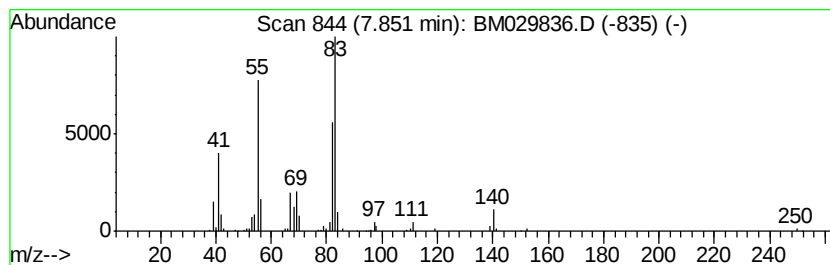
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic7.85 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	8.10 ng/ul	235706	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	86



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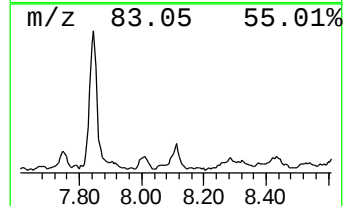
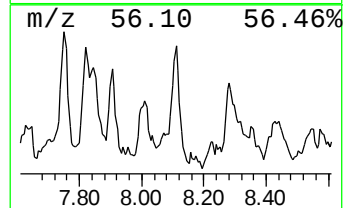
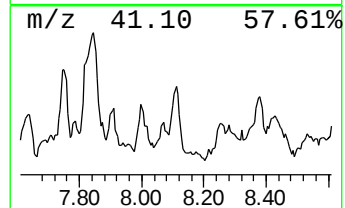
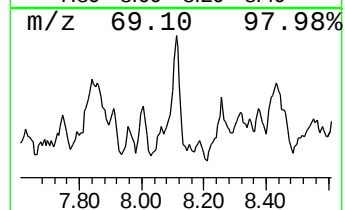
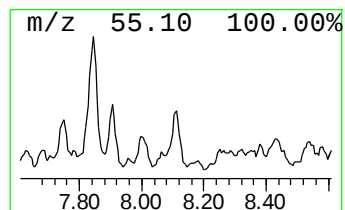
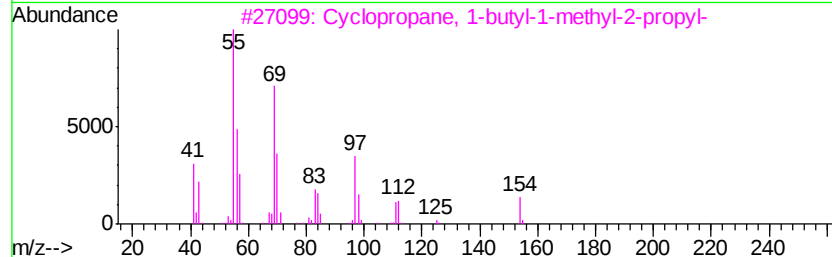
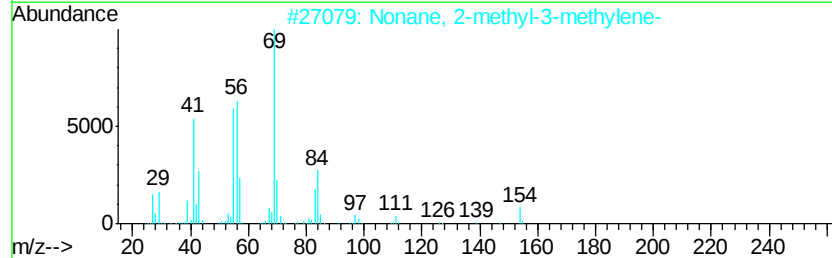
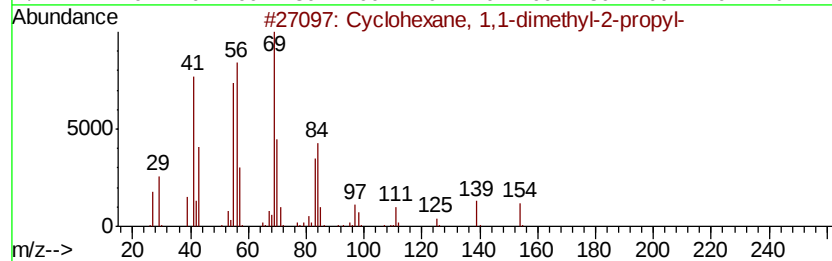
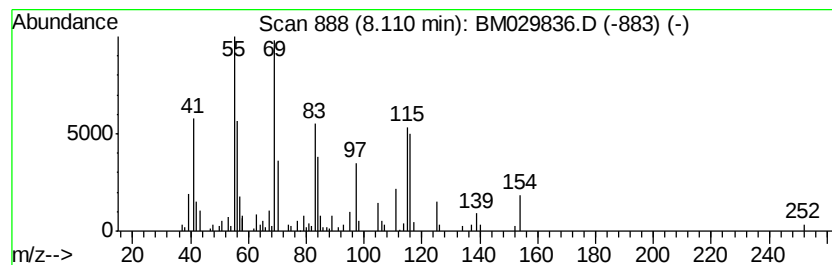
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic8.11 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	5.27 ng/ul	153322	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	43
2		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43
3		Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	43
4		Decane, 4-methylene-	154	C11H22	024949-41-5	38
5		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38



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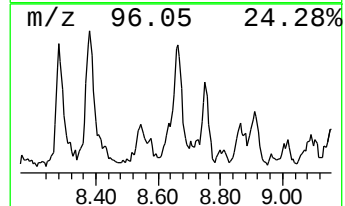
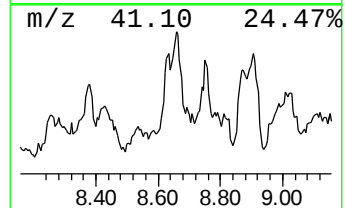
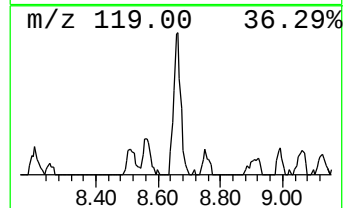
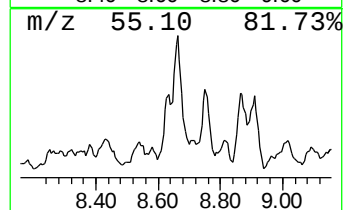
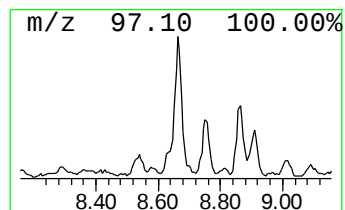
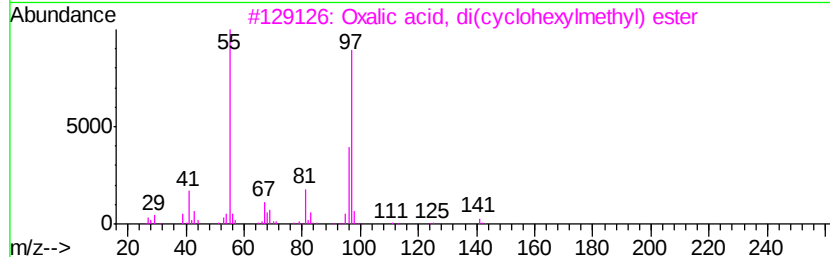
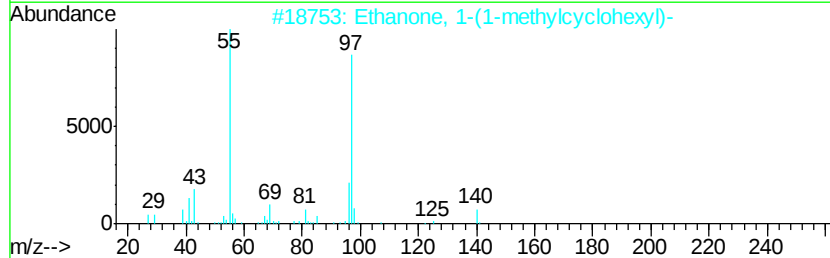
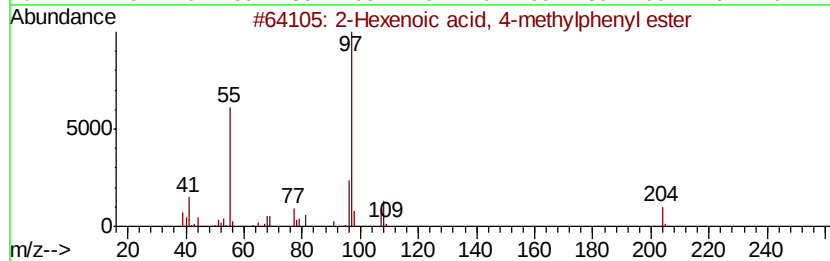
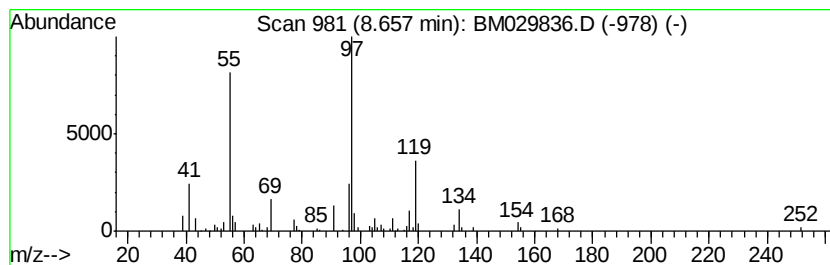
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	4.46 ng/ul	129786	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	42		
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	42		
3	Oxalic acid, di(cyclohexylmethyl)...	282	C16H26O4	1000309-68-5	40		
4	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	40		
5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	38		



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Operator : CG/JU
Sample : M2192-01
Misc :
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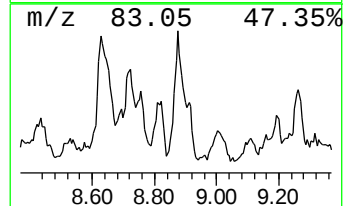
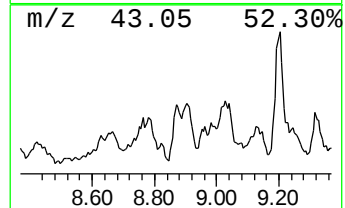
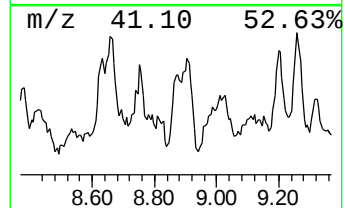
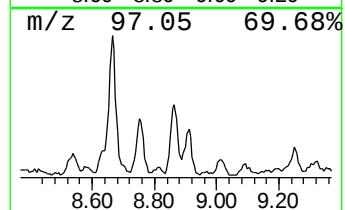
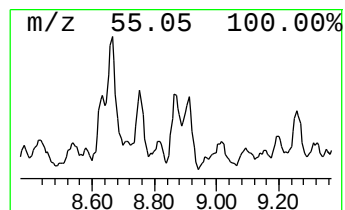
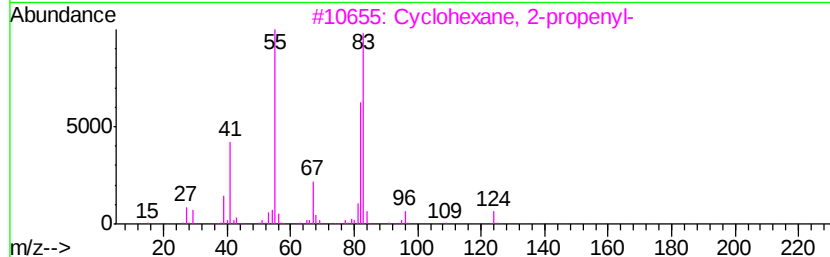
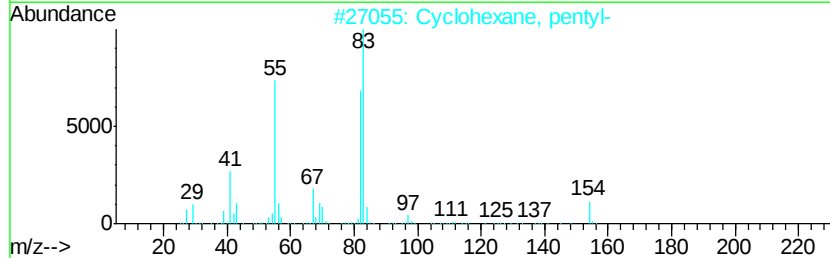
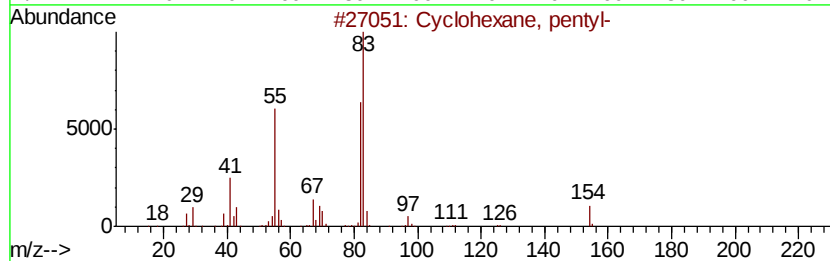
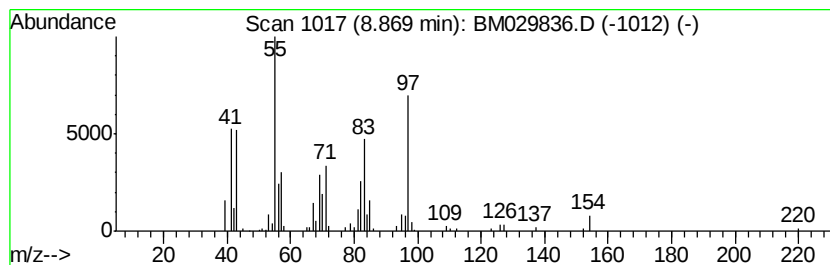
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic8.87 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	4.35 ng/ul	126422	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
4		Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	35
5		2(5H)-Furanone, 5-(2-methyl-2-pr...	138	C8H10O2	1000155-86-2	35



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ClientSampleId :
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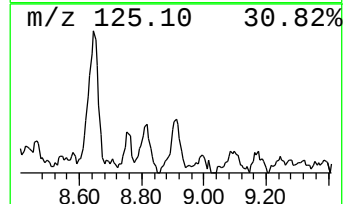
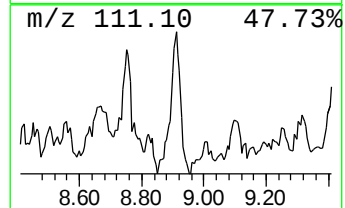
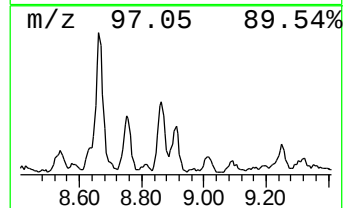
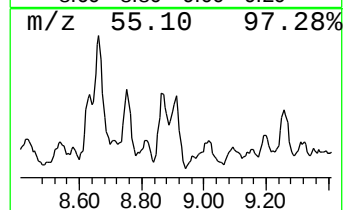
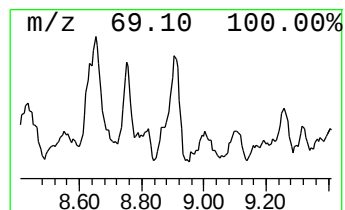
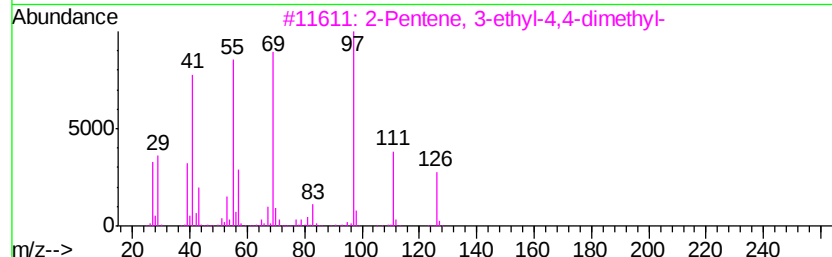
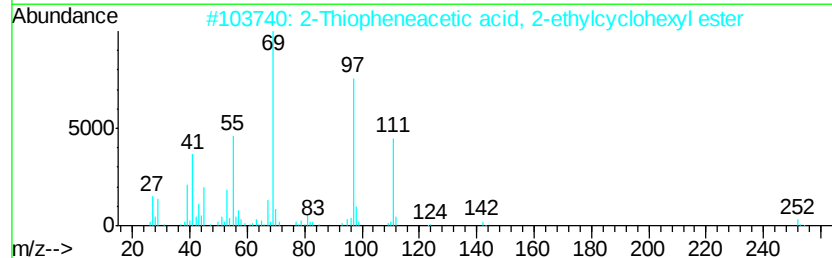
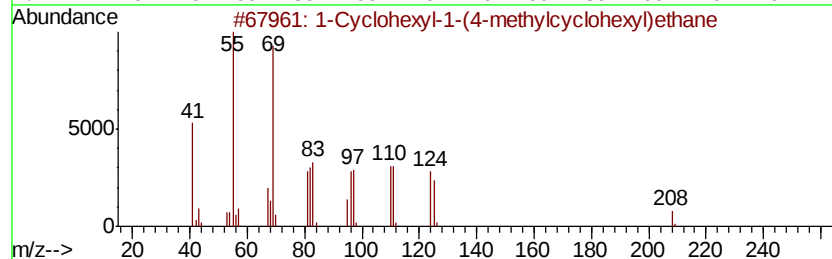
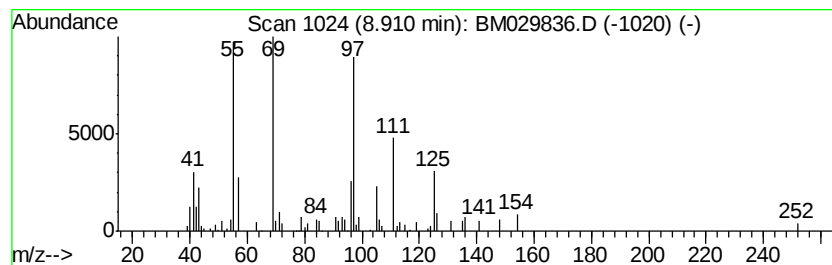
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	5.27 ng/ul	153323	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexyl-1-(4-methylcyclohexyl)ethane	208	C15H28	002027-12-5	47
2		2-Thiopheneacetic acid, 2-ethylcyclohexyl ester	252	C14H20O2S	1000278-96-1	45
3		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	40
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
5		2-Thiopheneacetic acid, oct-3-enyl ester	252	C14H20O2S	1000299-38-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
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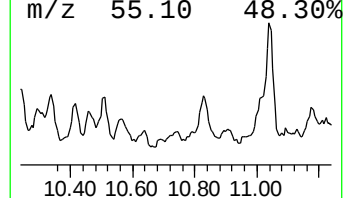
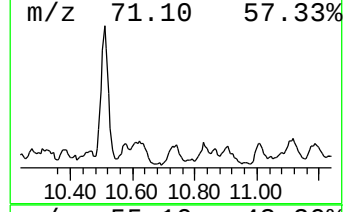
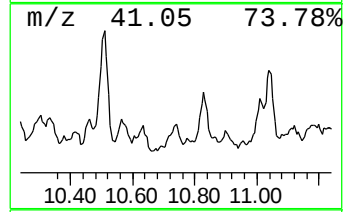
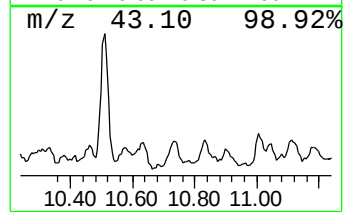
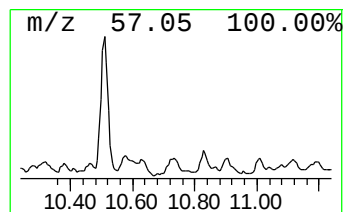
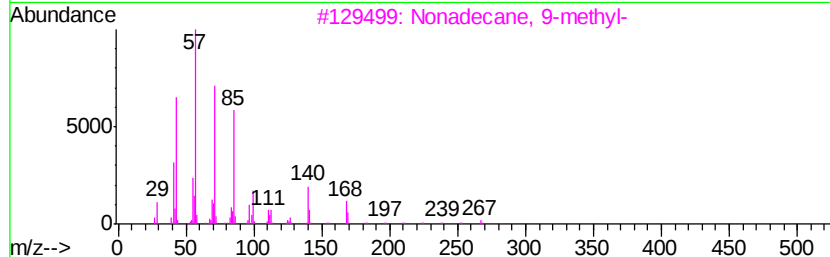
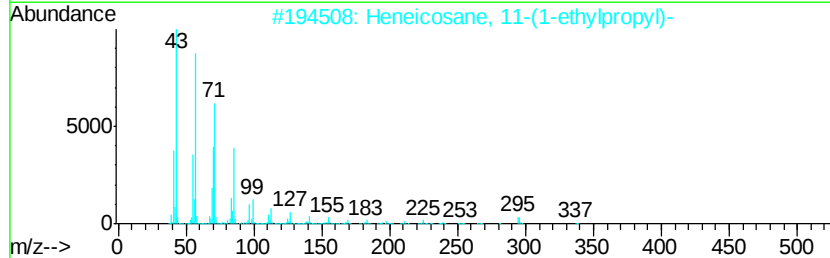
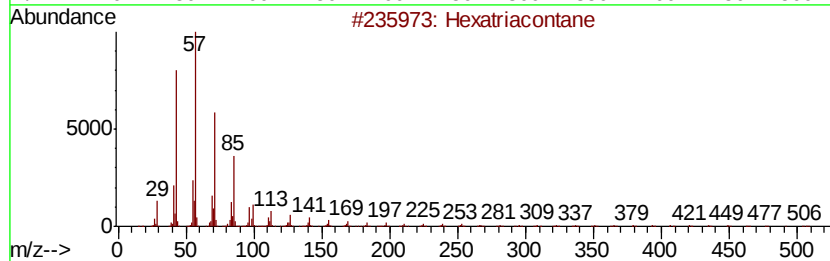
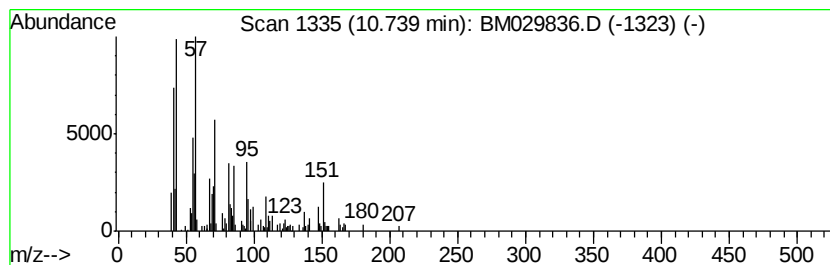
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.37 ng/ul	168887	Naphthalene-d8	10.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	43
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	43
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43
4		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	43
5		Hentriacontane	437	C31H64	000630-04-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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ClientSampleId :
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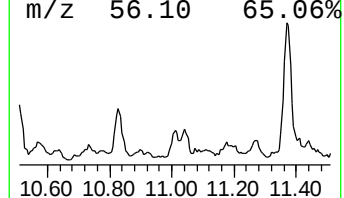
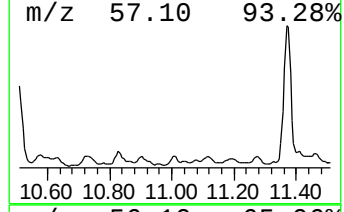
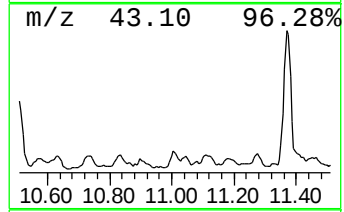
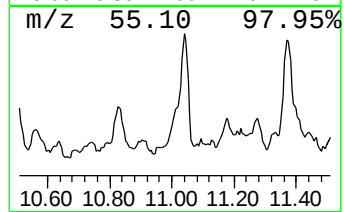
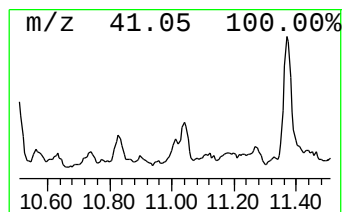
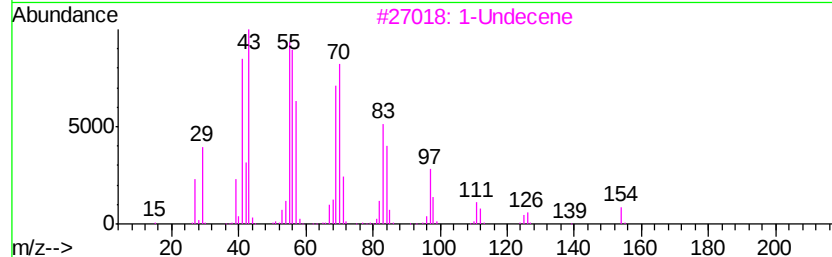
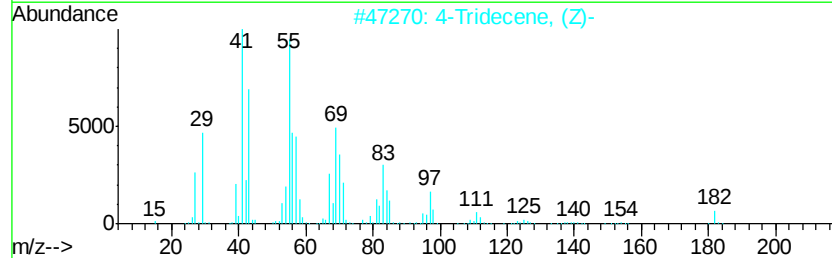
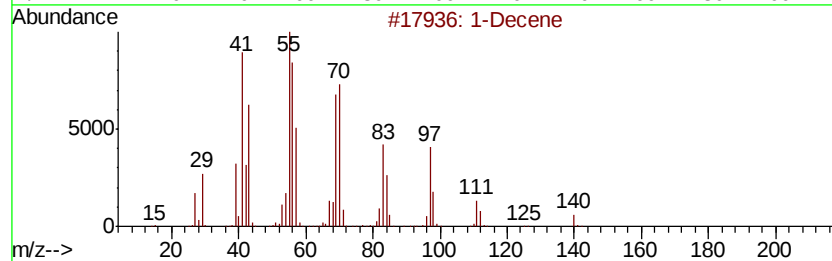
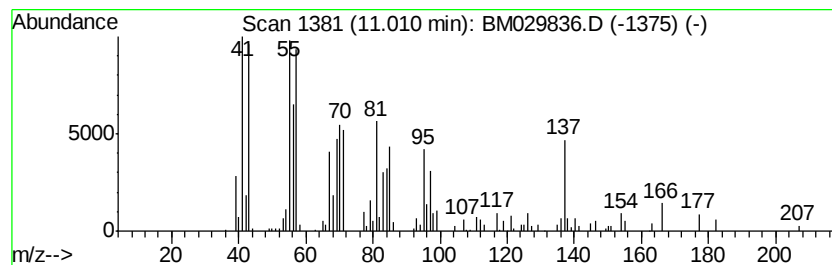
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.79 ng/ul	139737	Naphthalene-d8	10.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene	140	C10H20	000872-05-9	74
2			4-Tridecene, (Z)-	182	C13H26	041446-54-2	49
3			1-Undecene	154	C11H22	000821-95-4	38
4			4-Undecene, (Z)-	154	C11H22	000821-98-7	38
5			2-Undecene, (E)-	154	C11H22	000693-61-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
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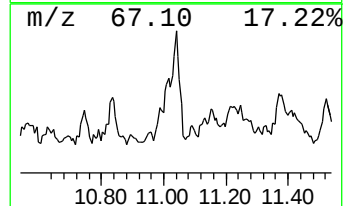
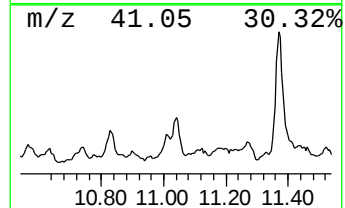
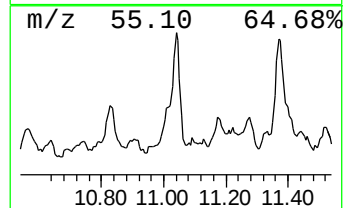
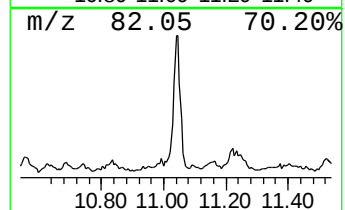
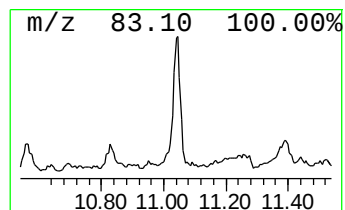
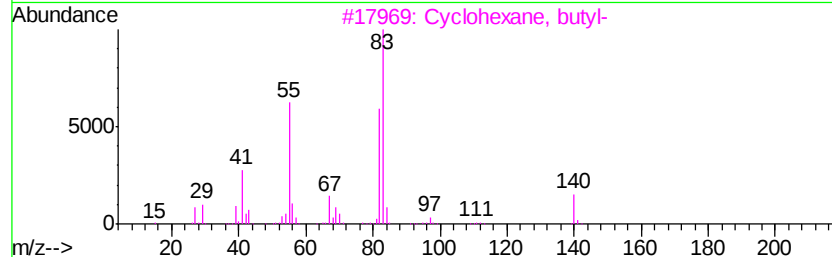
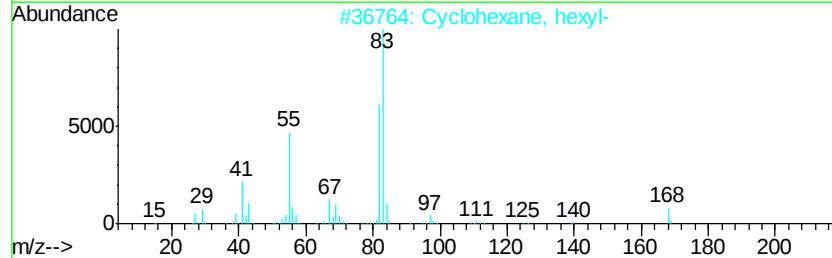
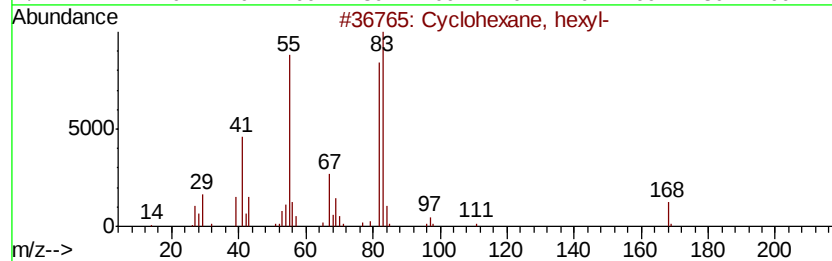
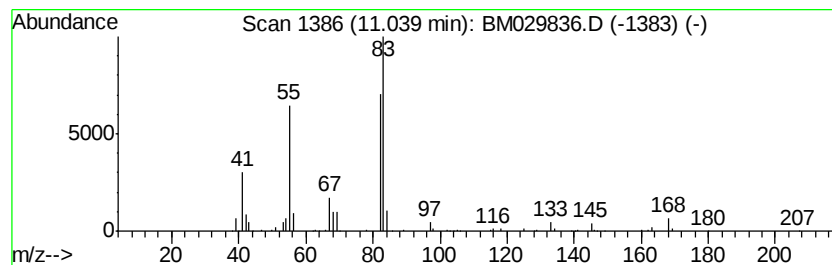
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic11.04 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	3.96 ng/ul	198351	Napthalene-d8	10.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	80
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
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ALS Vial : 55 Sample Multiplier: 1

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ClientSampleId :
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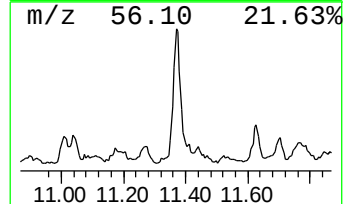
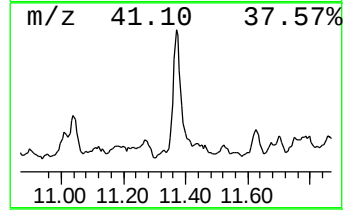
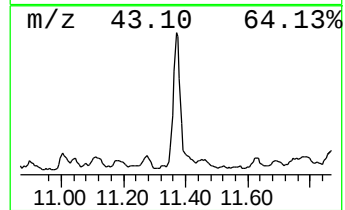
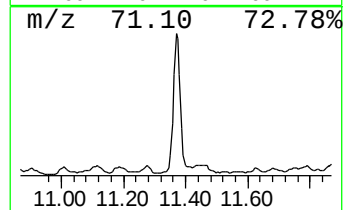
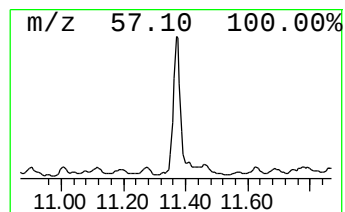
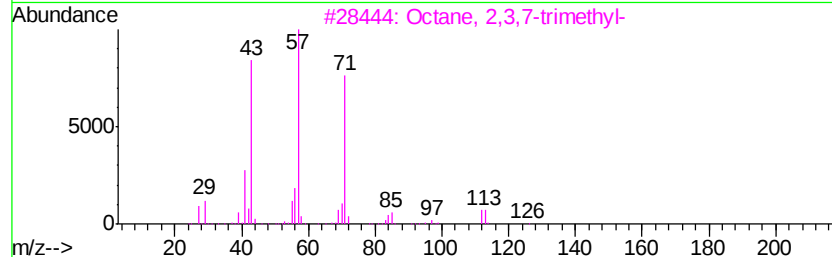
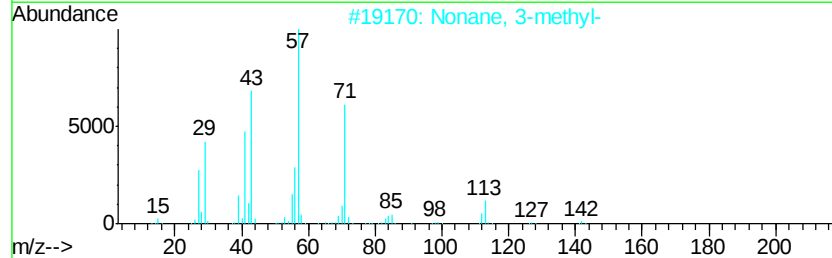
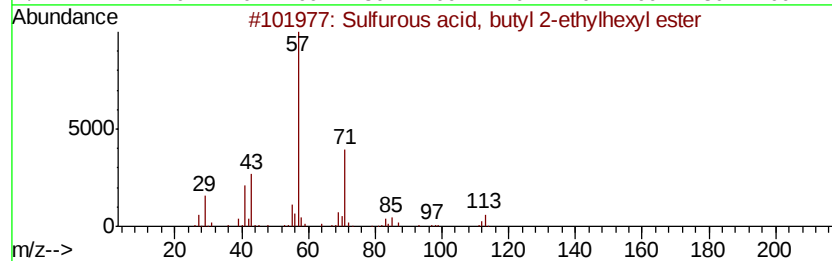
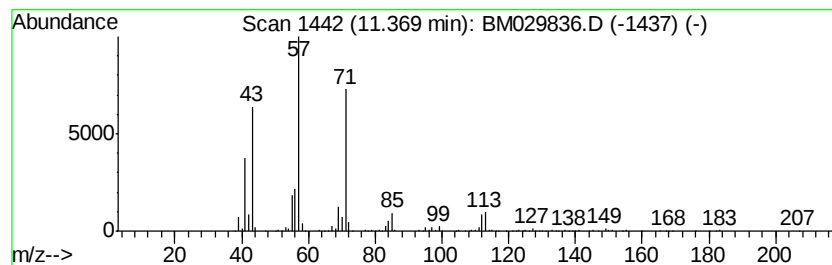
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Sulfurous acid, butyl 2-eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	16.17 ng/ul	810188	Naphthalene-d8	10.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
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ALS Vial : 55 Sample Multiplier: 1

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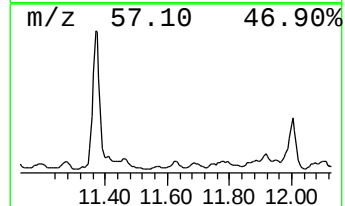
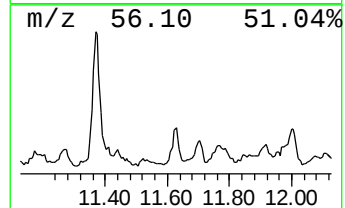
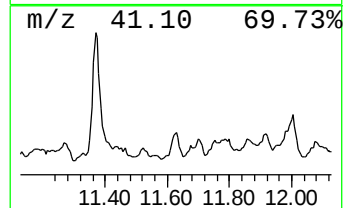
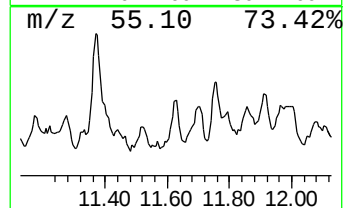
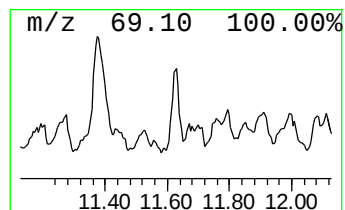
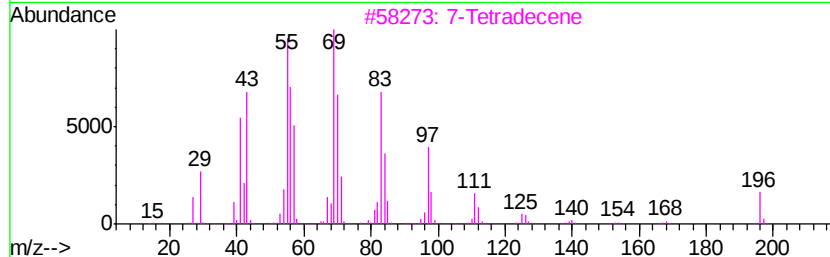
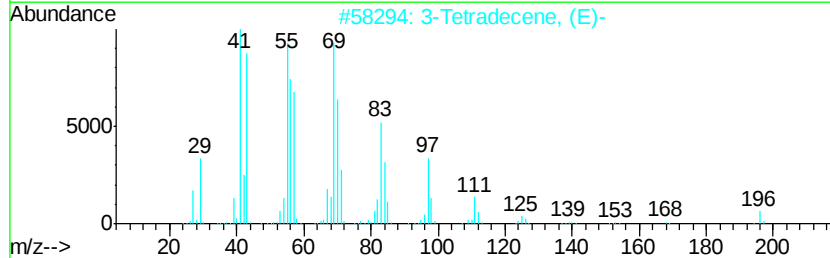
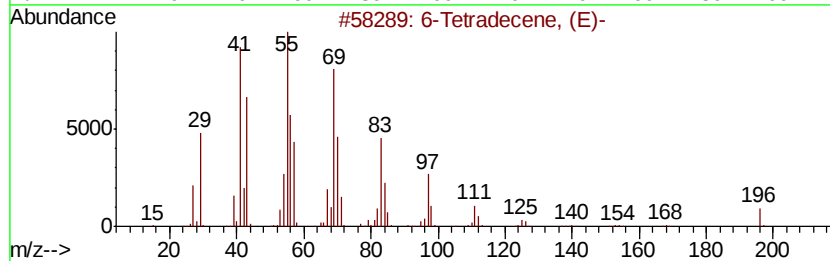
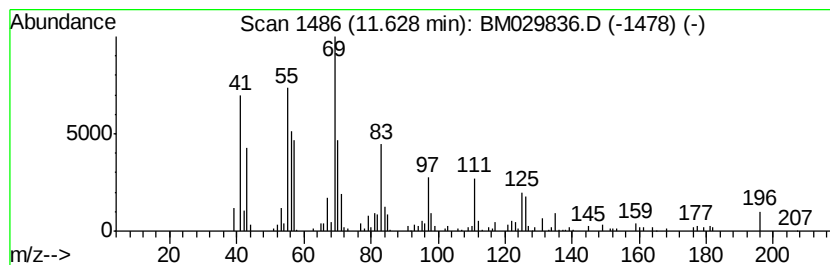
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.57 ng/ul	179090	Napthalene-d8	10.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Tetradecene, (E)-	196	C14H28	041446-64-4	81
2			3-Tetradecene, (E)-	196	C14H28	041446-68-8	78
3			7-Tetradecene	196	C14H28	010374-74-0	78
4			7-Tetradecene, (E)-	196	C14H28	041446-63-3	78
5			6-Dodecene, (E)-	168	C12H24	007206-17-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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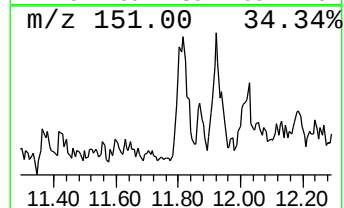
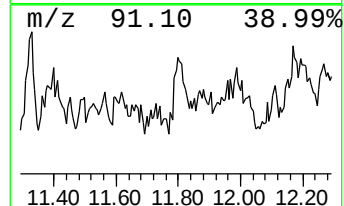
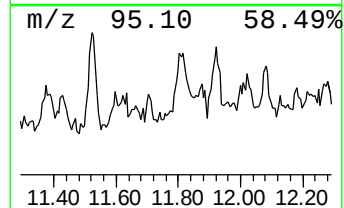
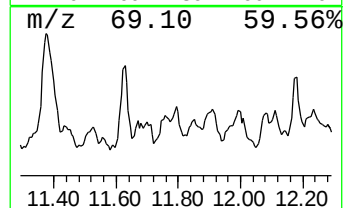
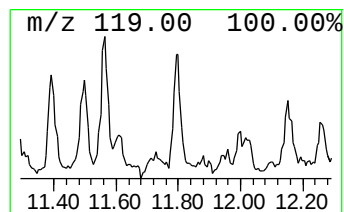
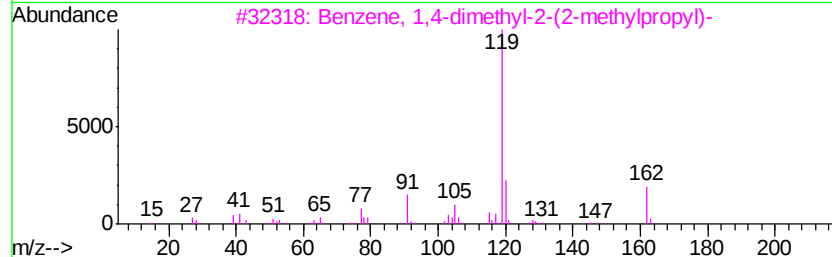
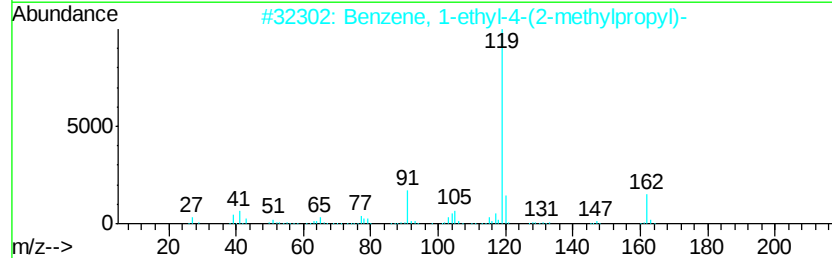
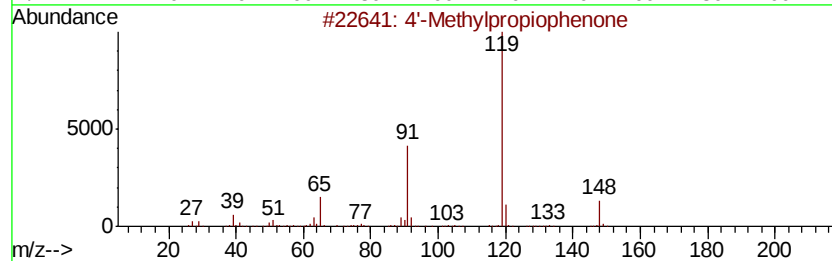
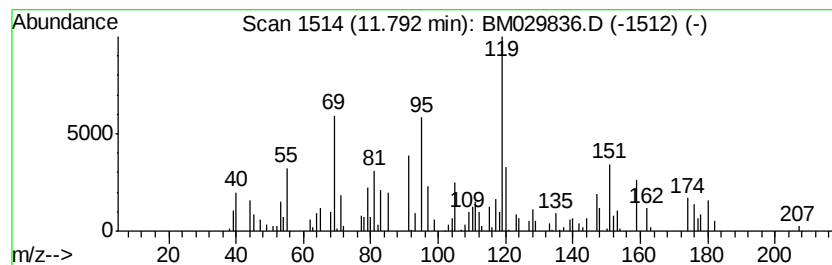
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.24 ng/ul	112044	Naphthalene-d8	10.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	25
2		Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	22
3		Benzene, 1,4-dimethyl-2-(2-methv...	162	C12H18	055669-88-0	22
4		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	22
5		3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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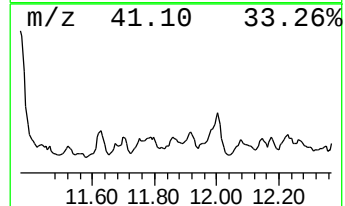
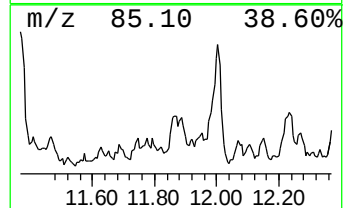
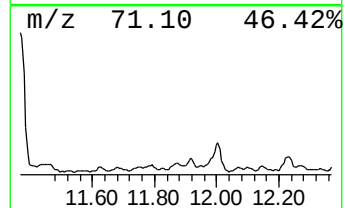
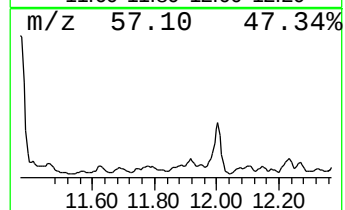
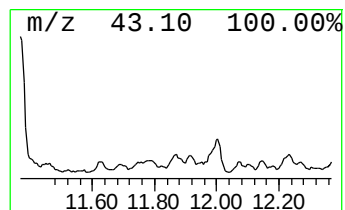
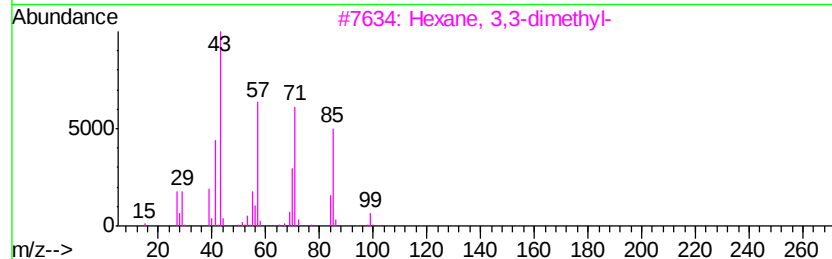
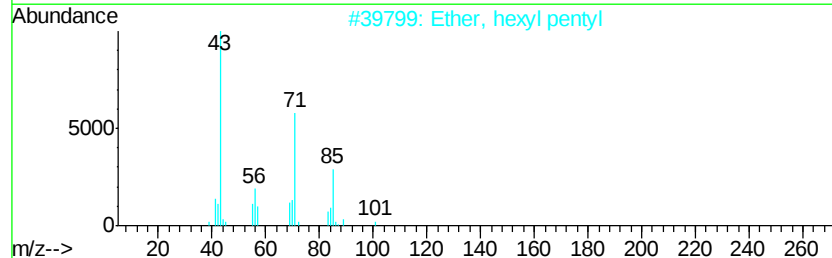
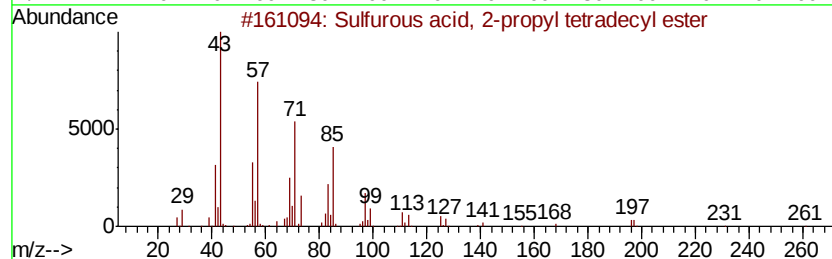
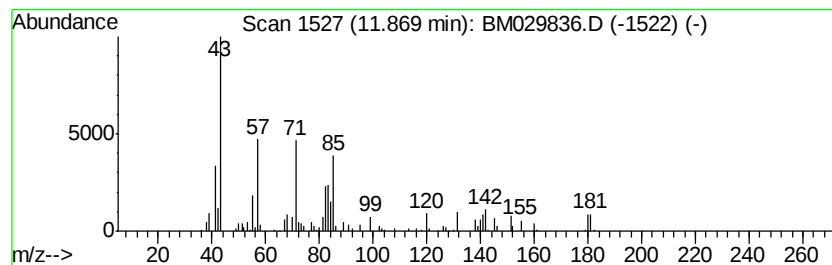
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-04 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.37 ng/ul	118681	Naphthalene-d8	10.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1000309-12-5	47
2		Ether, hexyl pentyl	172	C11H24O	032357-83-8	43
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
4		Hexyl octyl ether	214	C14H30O	017071-54-4	38
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
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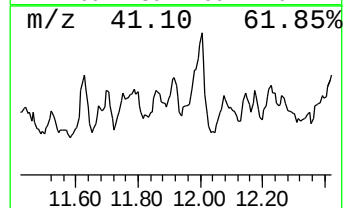
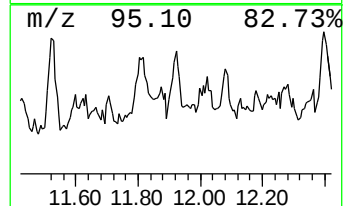
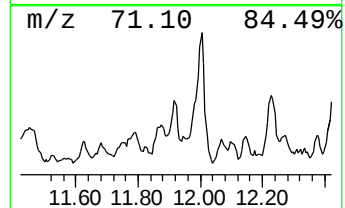
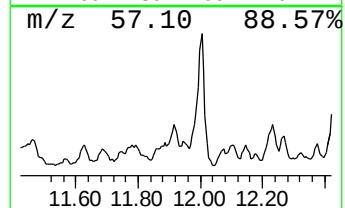
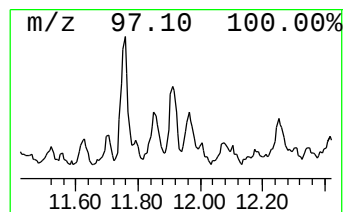
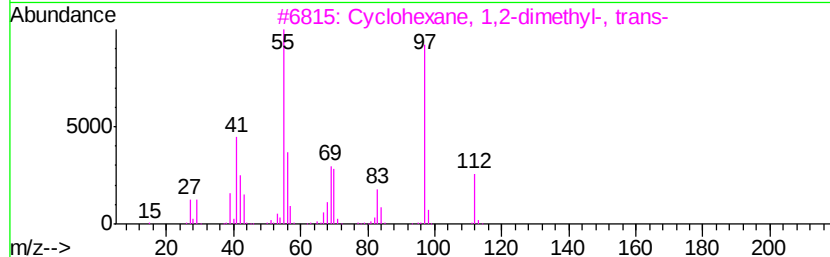
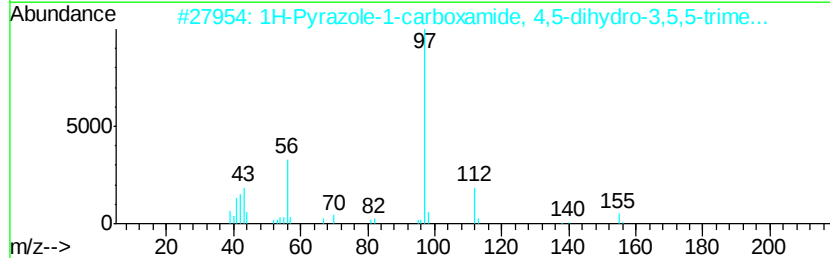
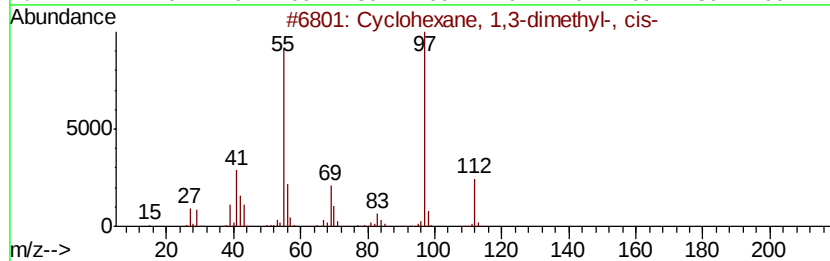
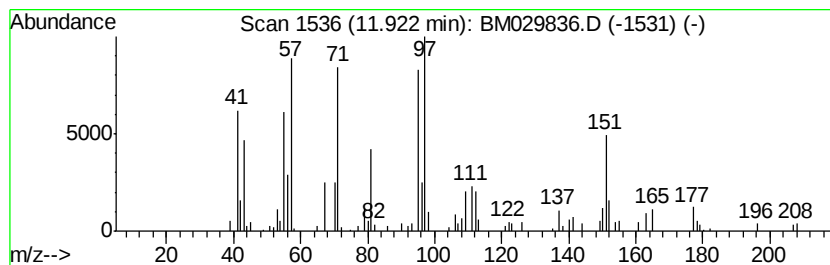
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic11.92 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.22 ng/ul	111015	Napthalene-d8	10.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	35
2		1H-Pyrazole-1-carboxamide, 4,5-d...	155	C7H13N3O	003786-02-5	35
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	27
4		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	27
5		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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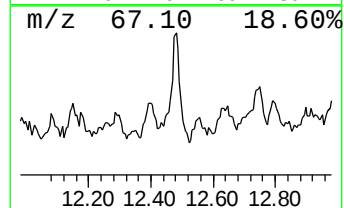
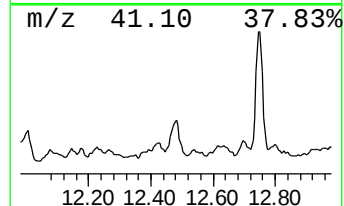
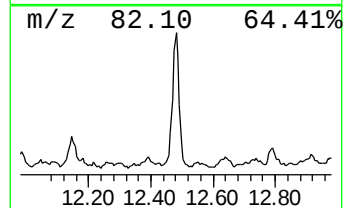
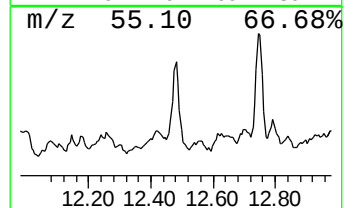
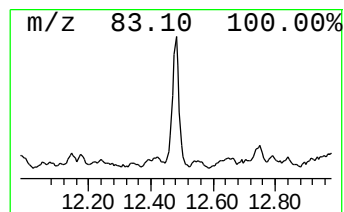
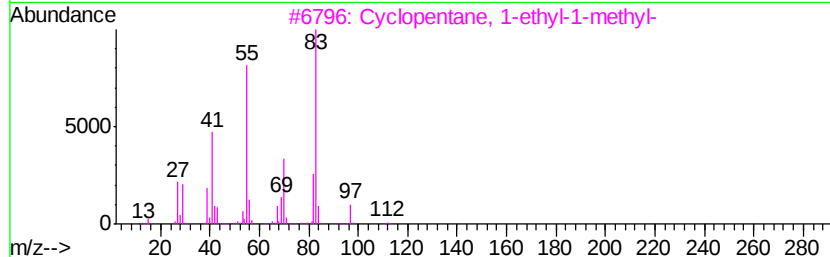
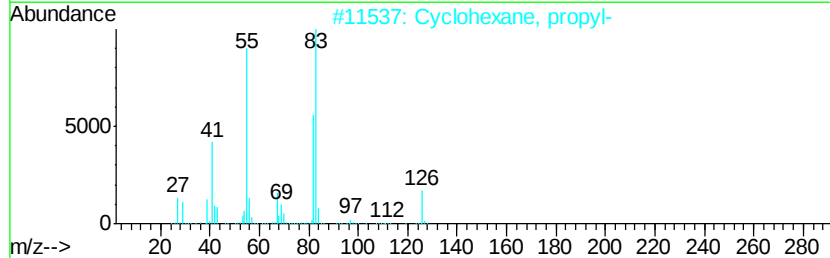
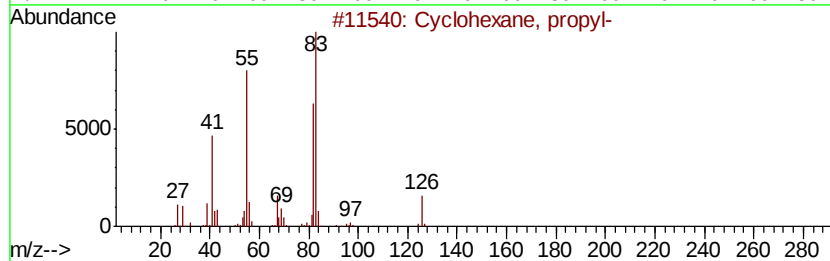
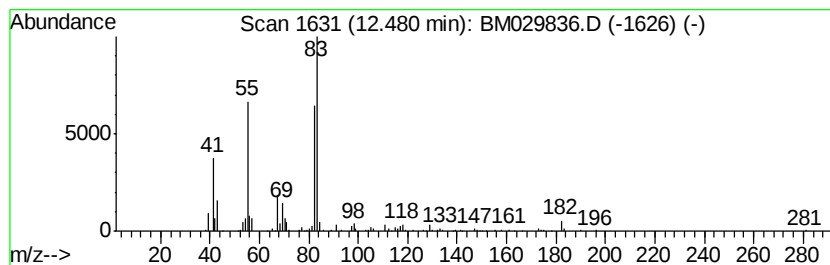
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic12.48 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.95 ng/ul	291155	Acenaphthene-d10	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	56
3			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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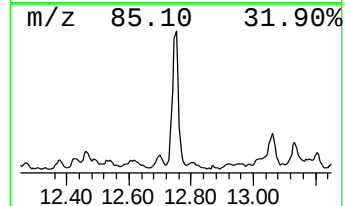
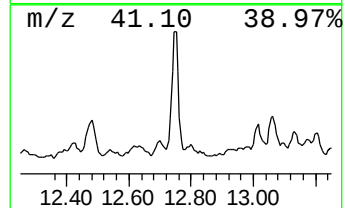
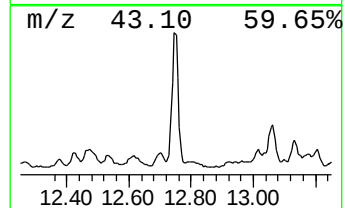
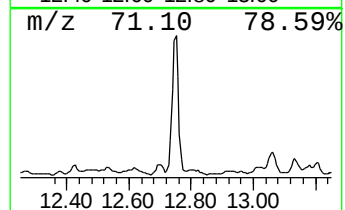
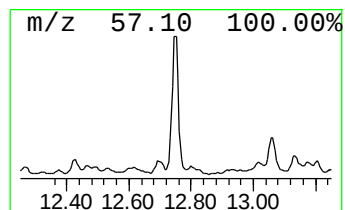
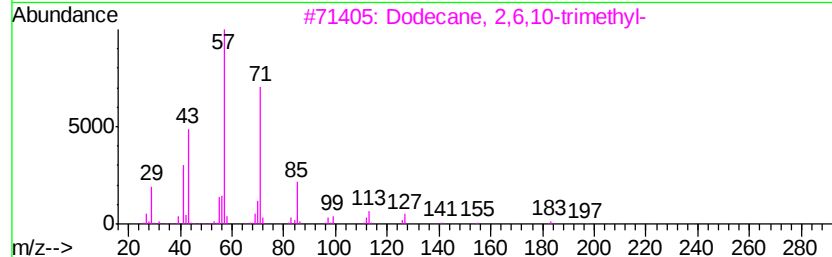
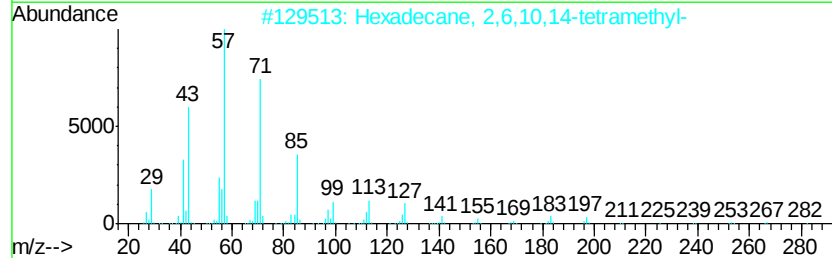
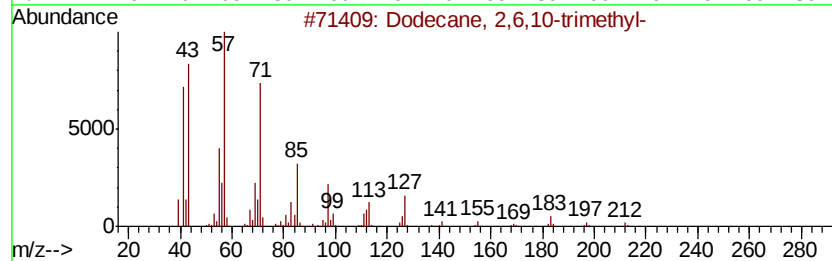
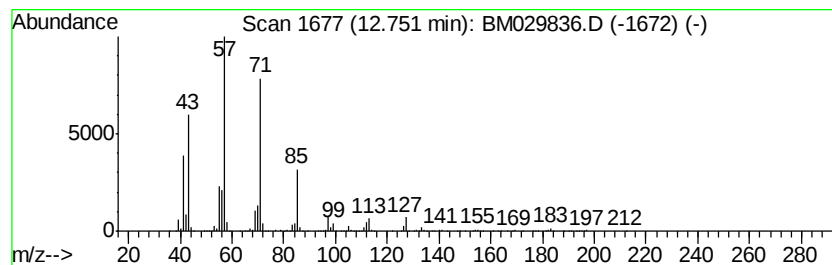
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	12.46 ng/ul	916995	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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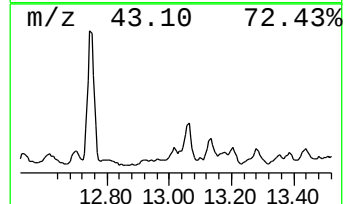
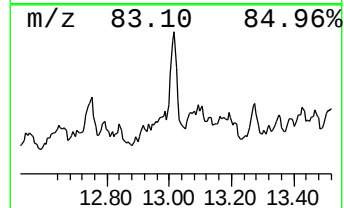
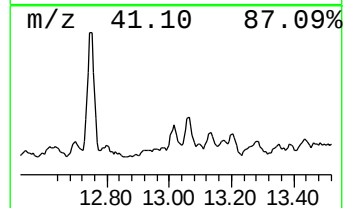
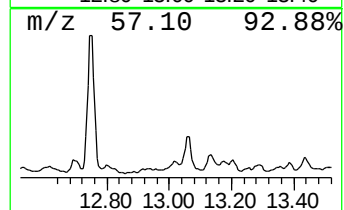
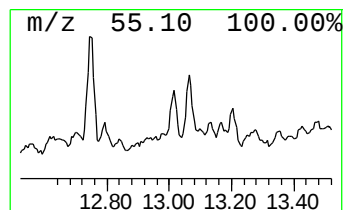
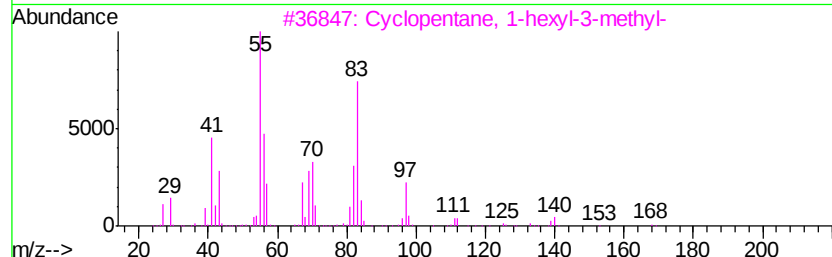
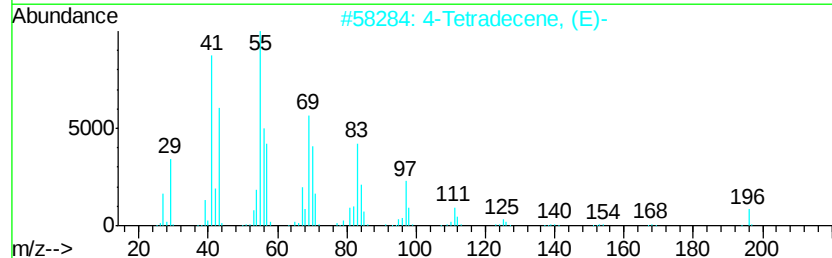
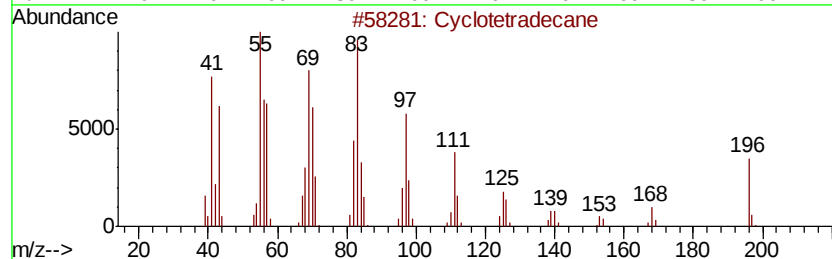
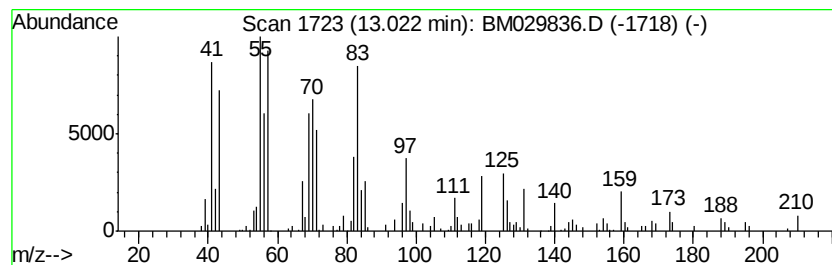
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic13.02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.28 ng/ul	168146	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	86
2		4-Tetradecene, (E)-	196	C14H28	041446-78-0	86
3		Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	70
4		Cyclodecane	140	C10H20	000293-96-9	64
5		5-Tetradecene, (E)-	196	C14H28	041446-66-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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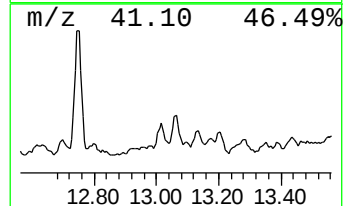
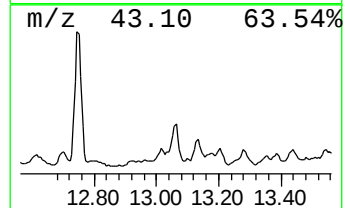
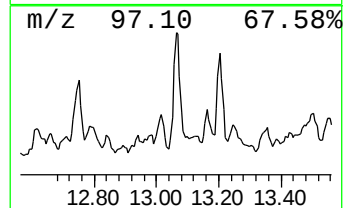
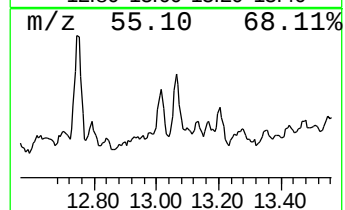
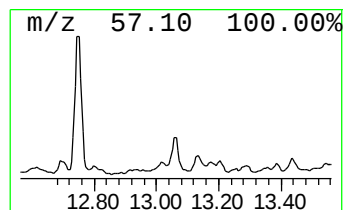
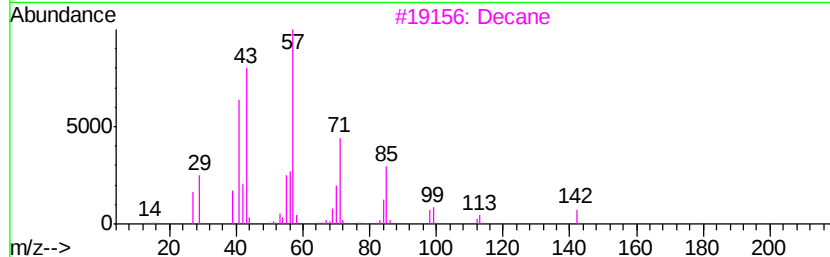
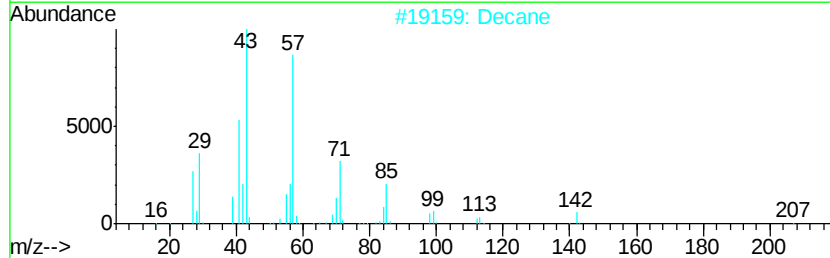
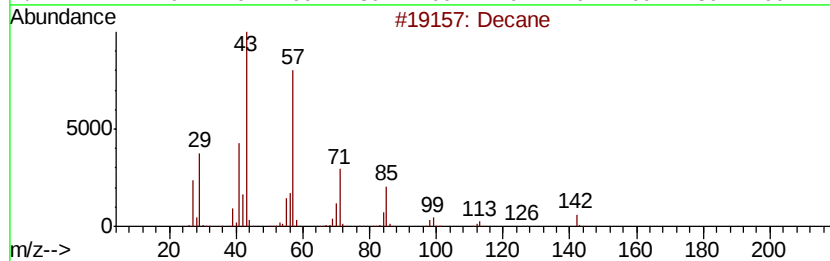
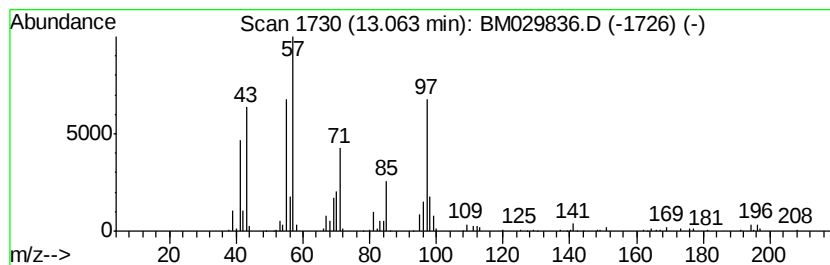
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.82 ng/ul	207913	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	49
2		Decane	142	C10H22	000124-18-5	49
3		Decane	142	C10H22	000124-18-5	43
4		Eicosane	282	C20H42	000112-95-8	38
5		Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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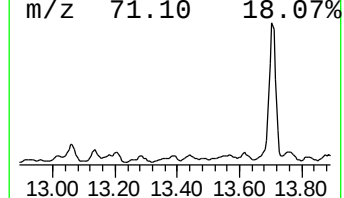
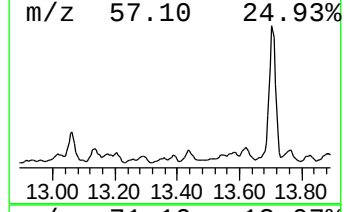
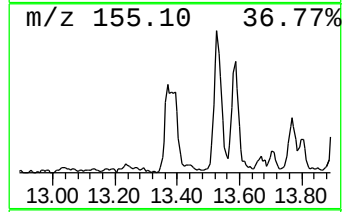
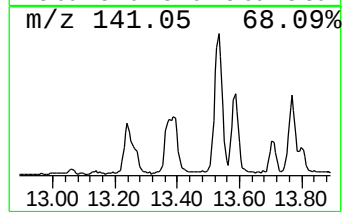
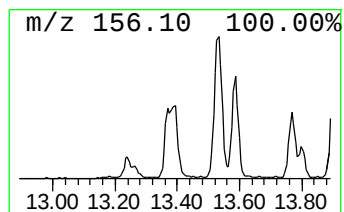
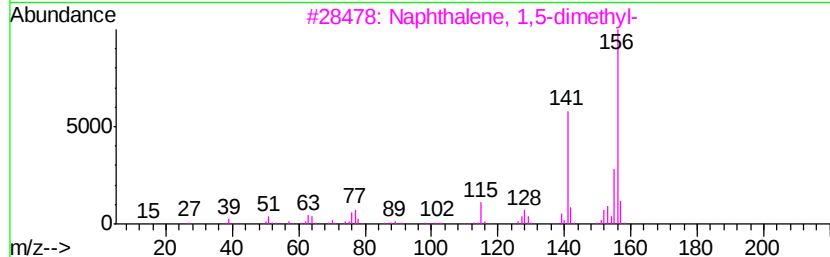
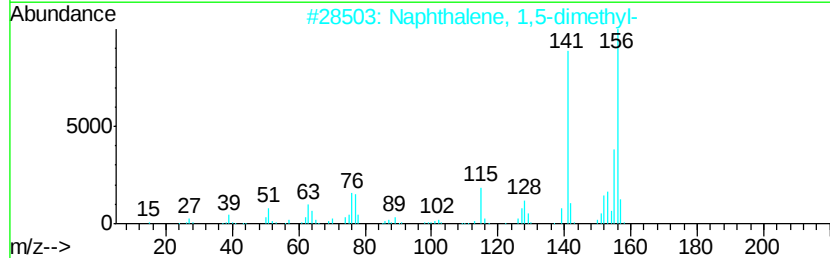
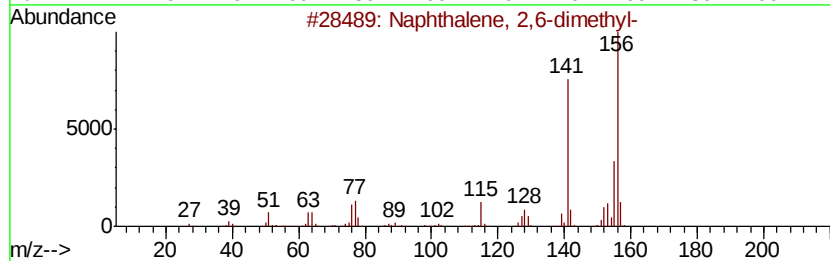
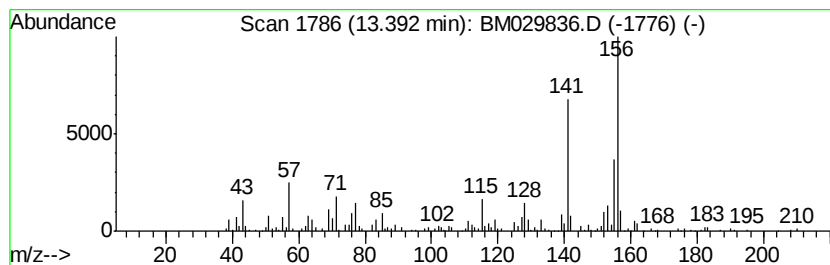
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Naphthalene, 2,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.80 ng/ul	353327	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG595

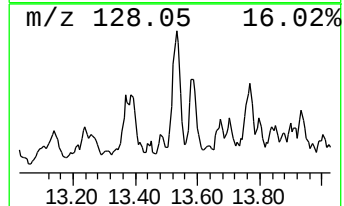
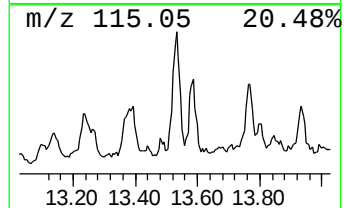
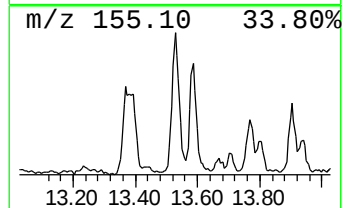
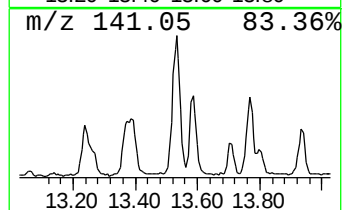
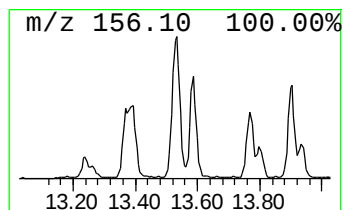
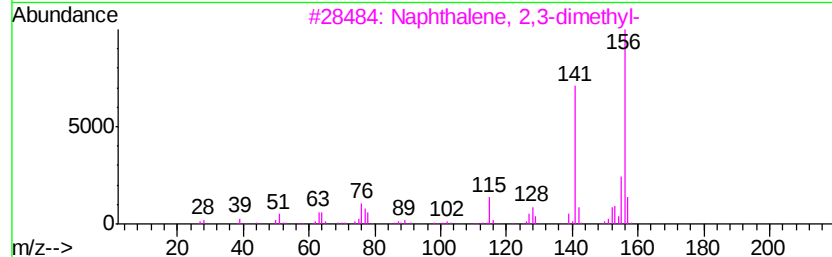
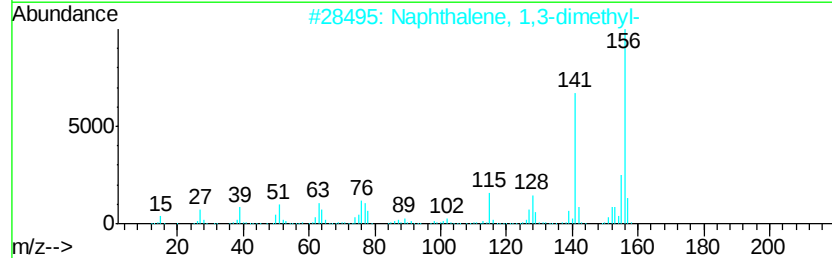
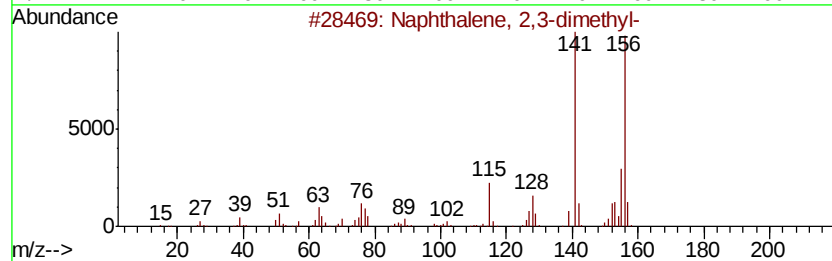
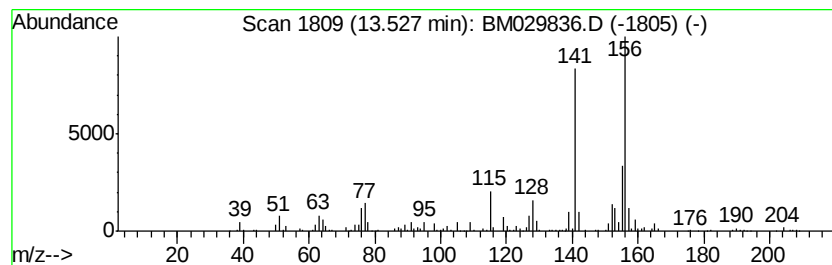
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.63 ng/ul	340599	Acenaphthene-d10	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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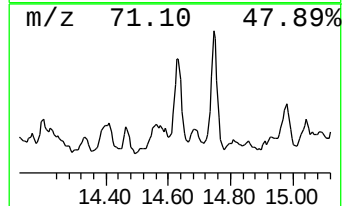
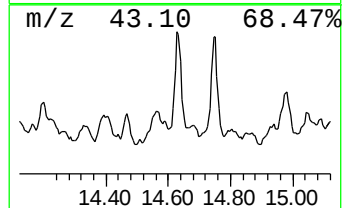
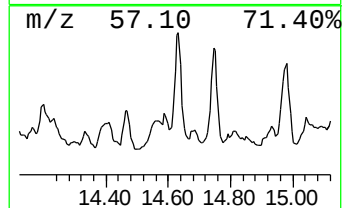
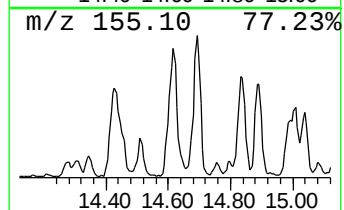
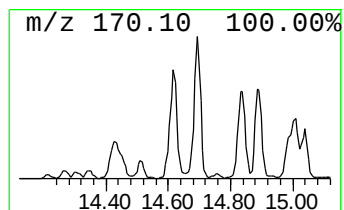
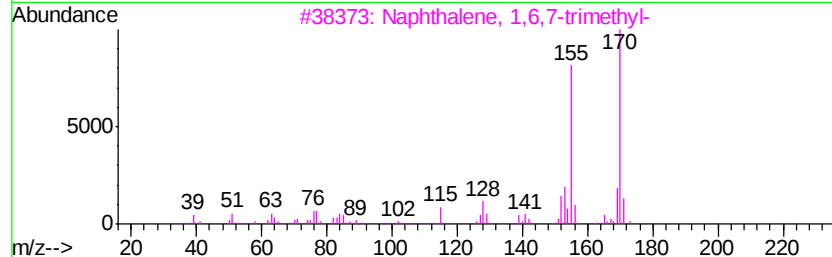
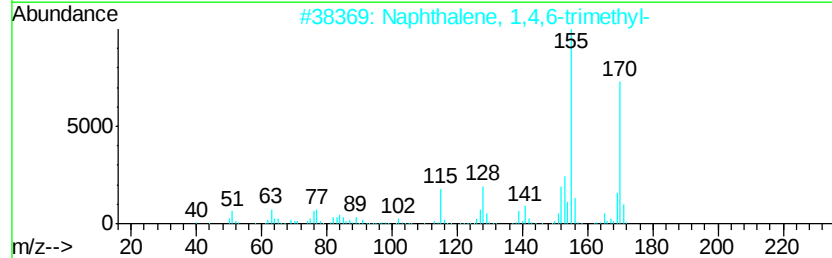
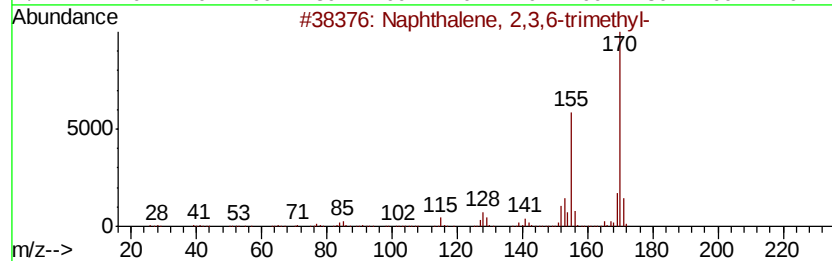
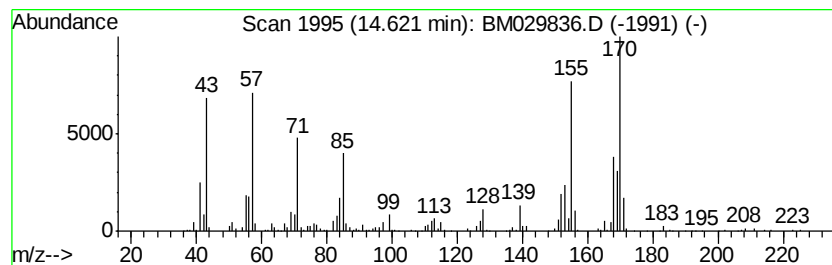
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.13 ng/ul	378003	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	53
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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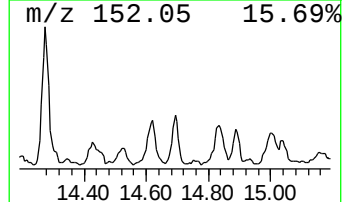
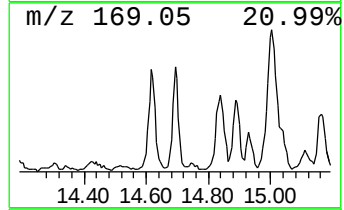
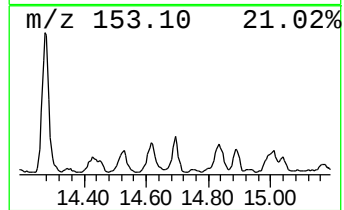
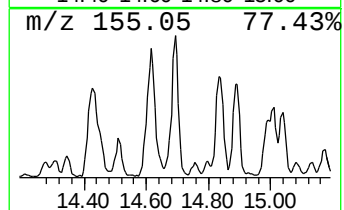
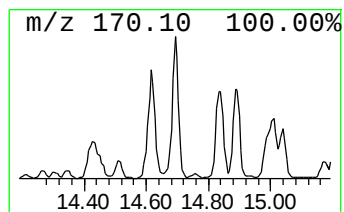
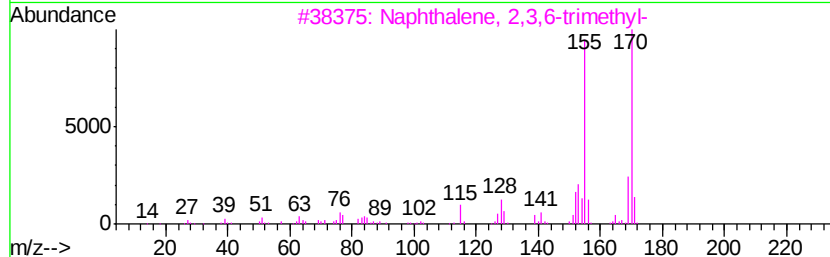
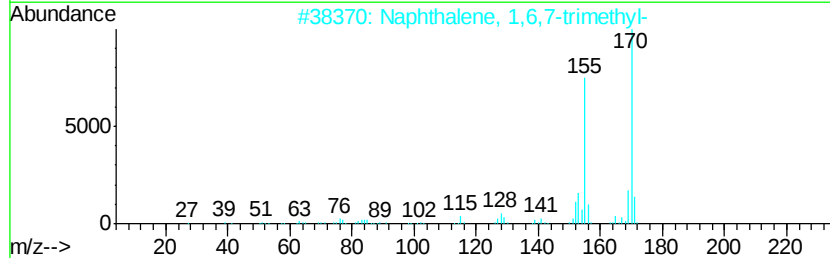
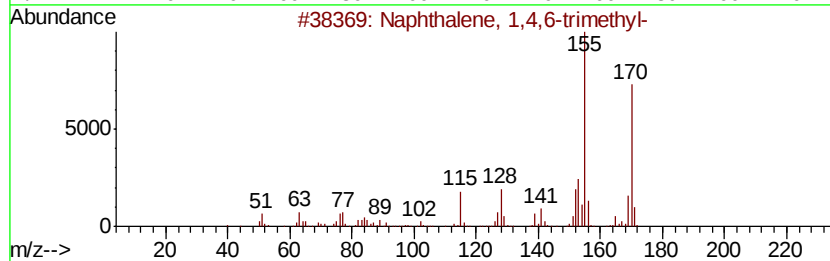
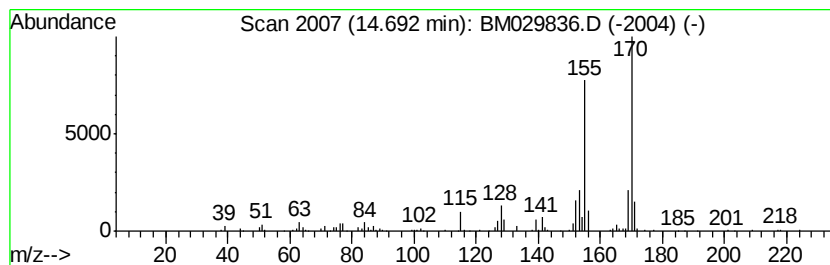
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, 1,4,6-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.35 ng/ul	246592	Acenaphthene-d10	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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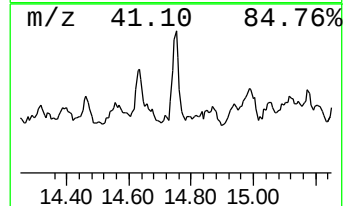
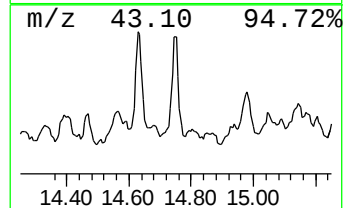
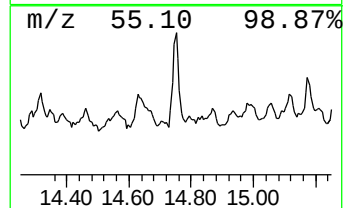
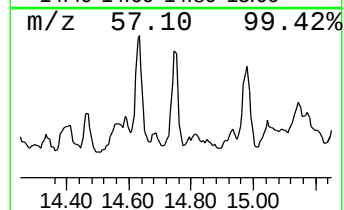
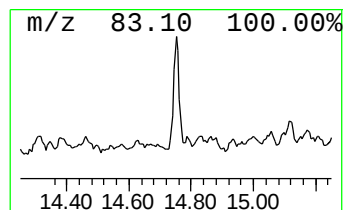
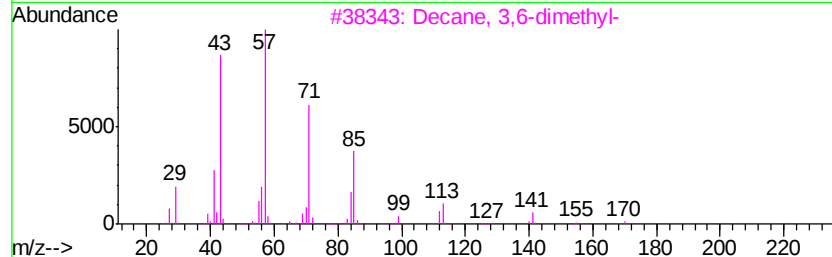
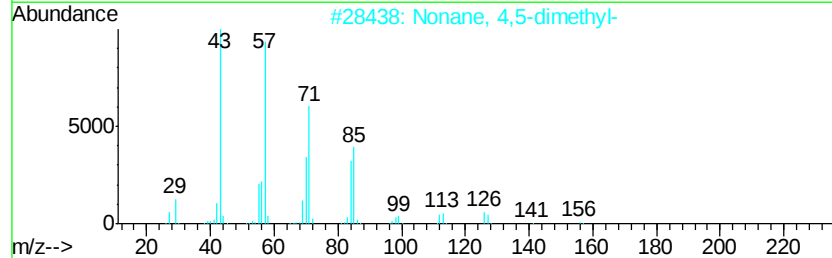
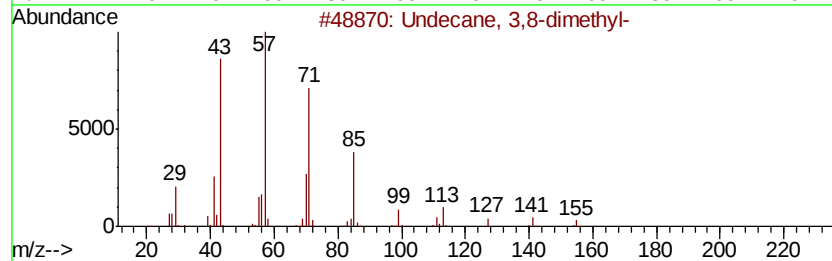
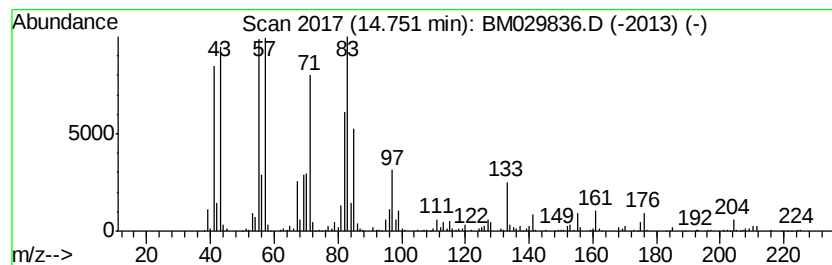
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.65 ng/ul	416135	Acenaphthene-d10	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	30
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	30
4			Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	30
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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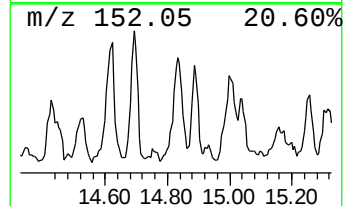
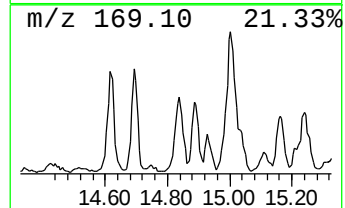
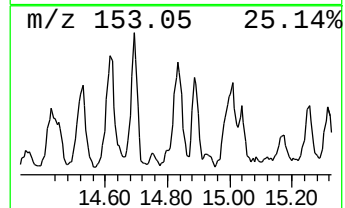
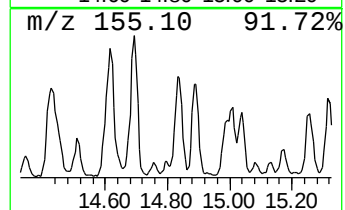
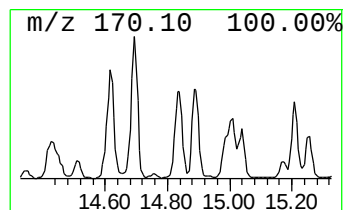
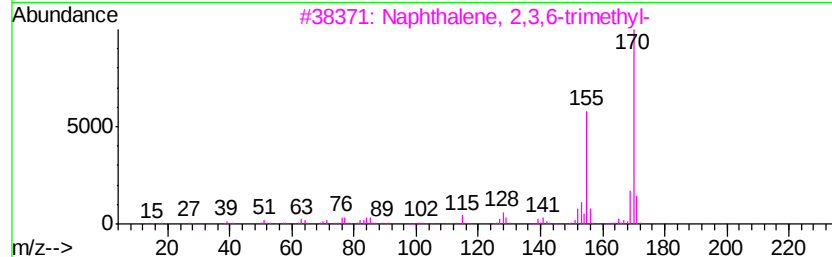
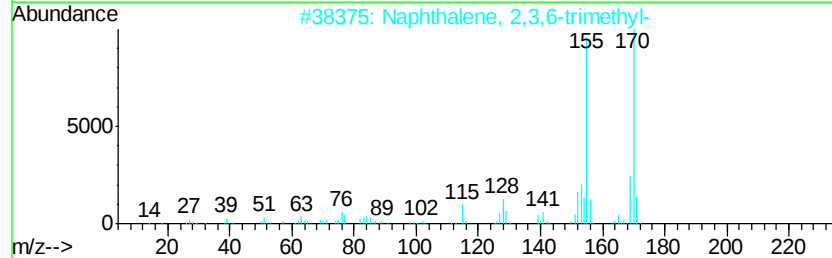
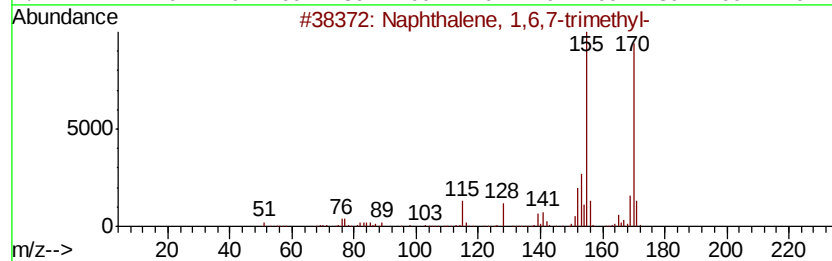
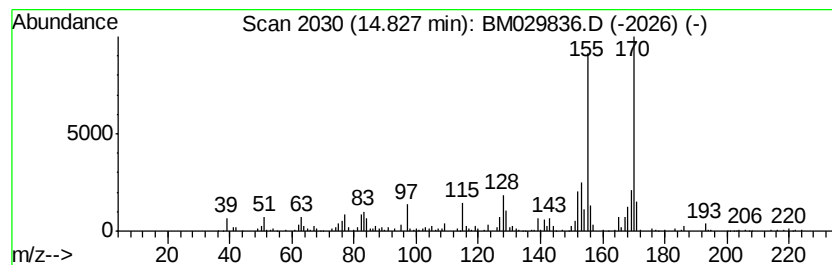
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, 1,6,7-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.51 ng/ul	331708	Acenaphthene-d10	14.21

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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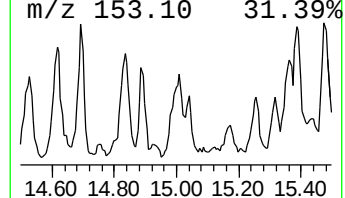
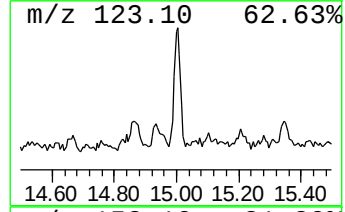
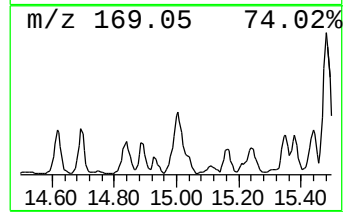
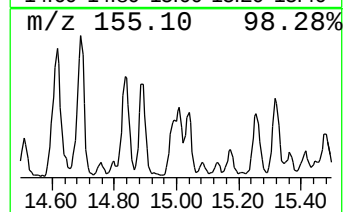
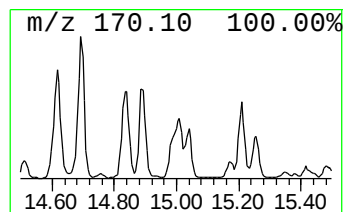
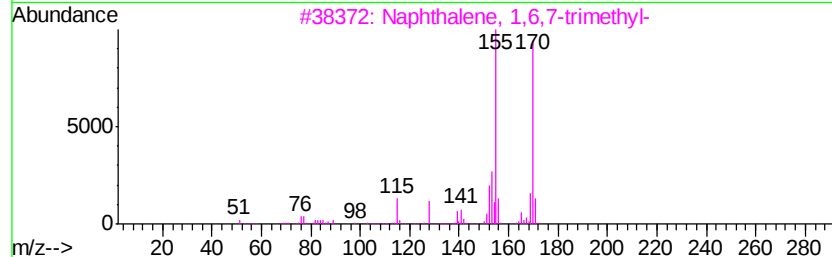
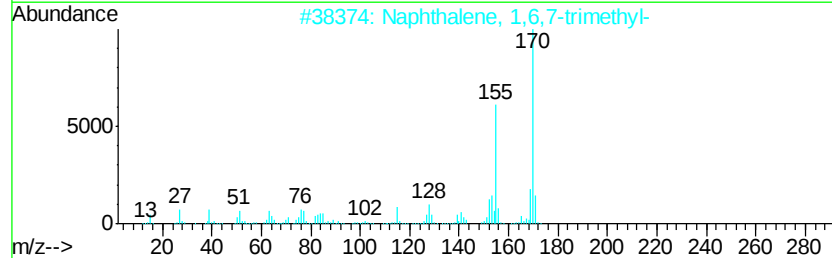
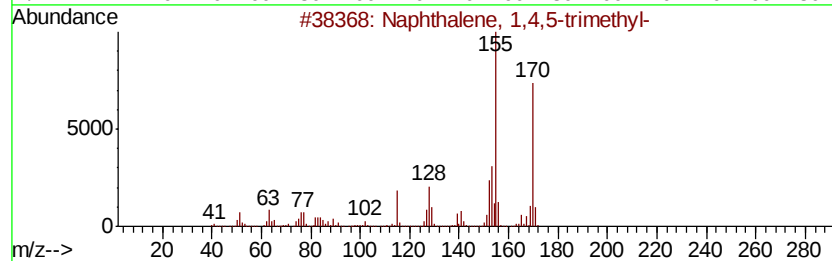
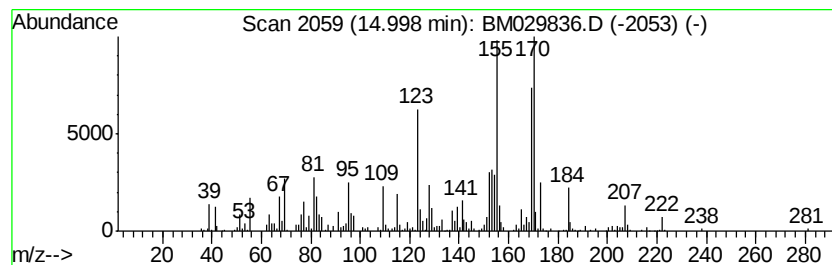
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Naphthalene, 1,4,5-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	4.84 ng/ul	356254	Acenaphthene-d10	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	53
5			1-Acenaphthenol	170	C12H10O	006306-07-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
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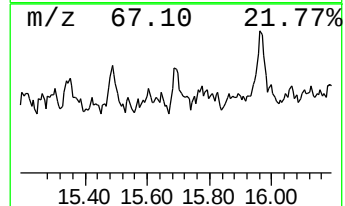
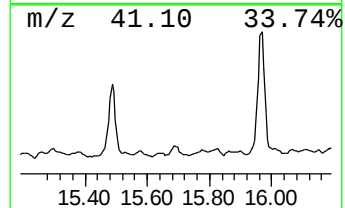
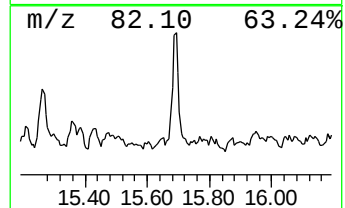
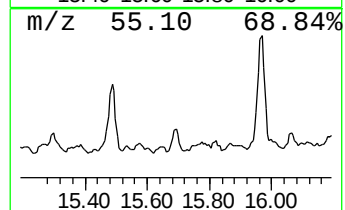
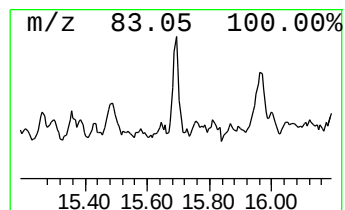
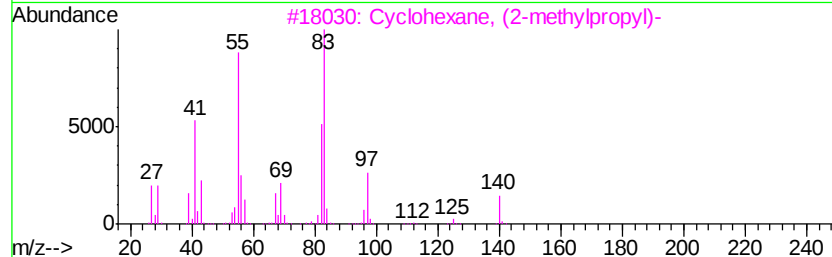
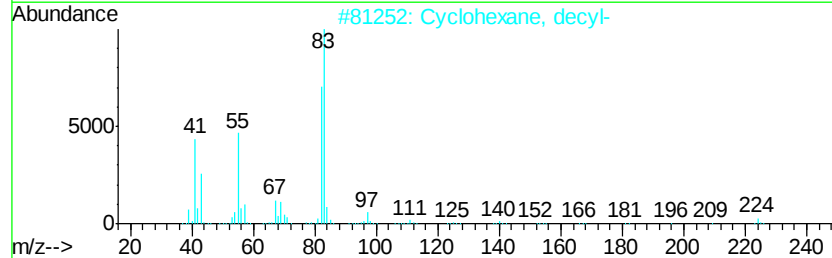
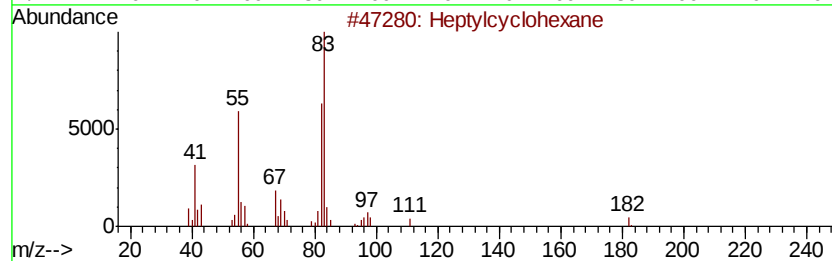
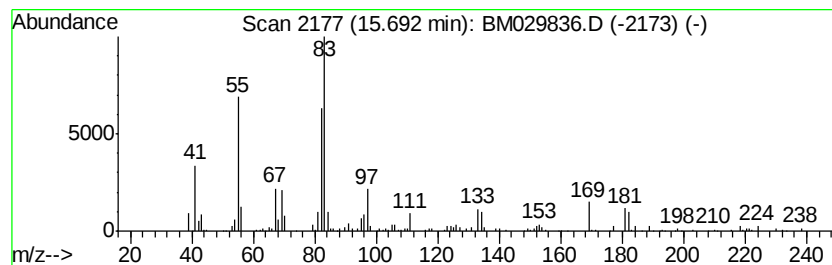
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.14 ng/ul	146443	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	62
2			Cyclohexane, decyl-	224	C16H32	001795-16-0	58
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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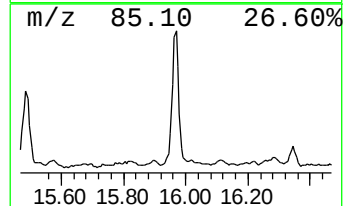
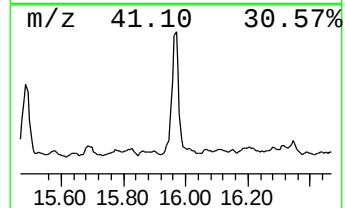
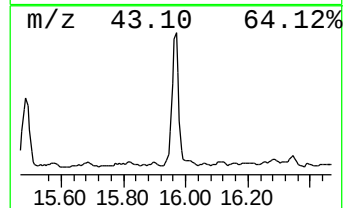
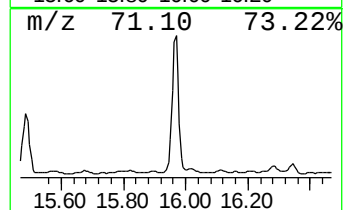
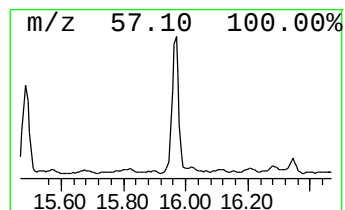
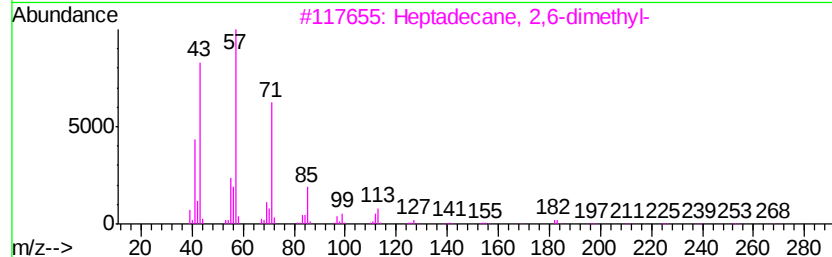
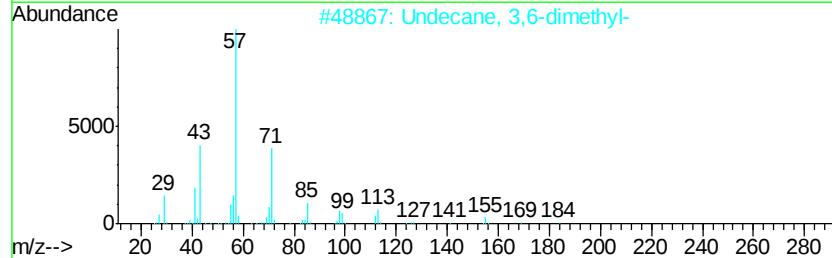
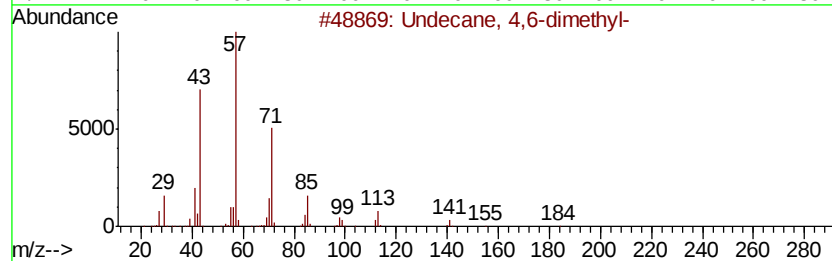
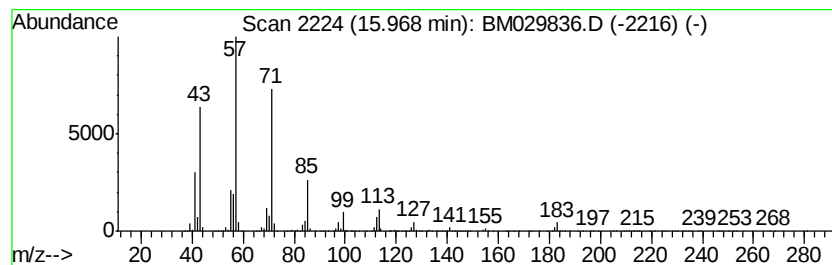
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	35.18 ng/ul	2409680	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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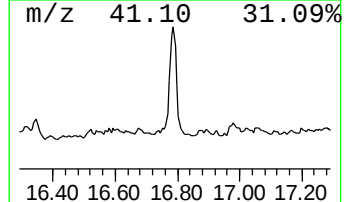
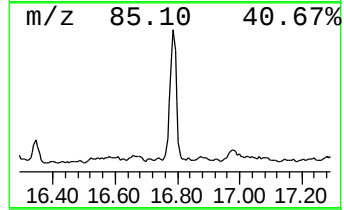
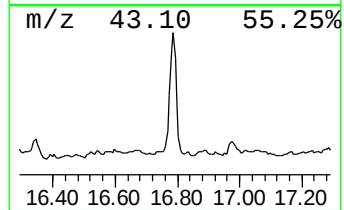
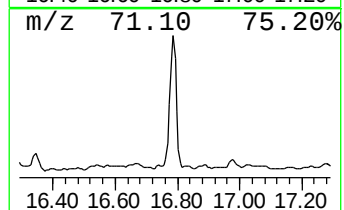
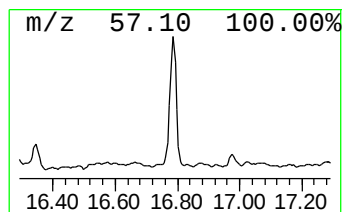
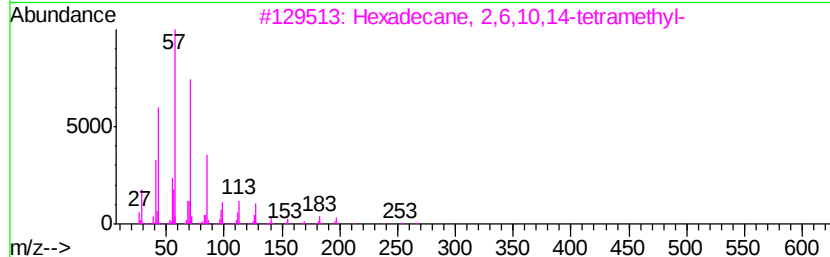
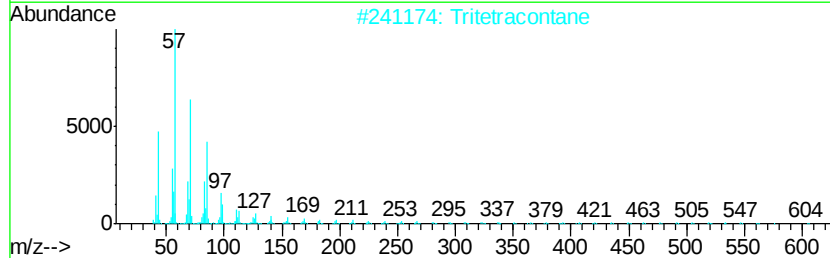
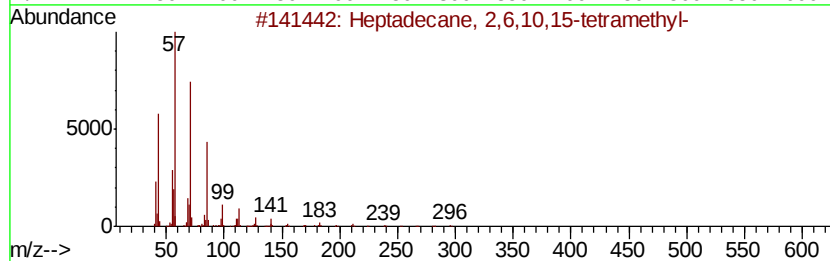
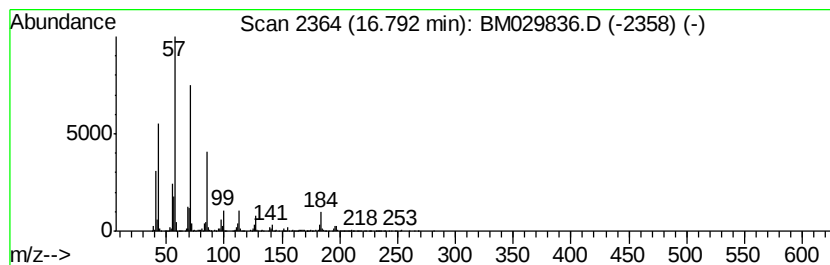
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	22.17 ng/ul	1518060	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Tritetracontane	605	C43H88	007098-21-7	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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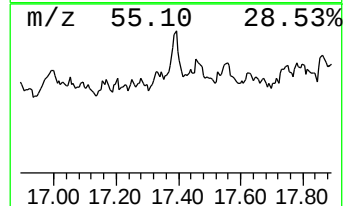
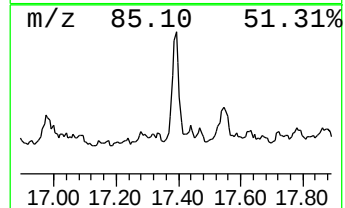
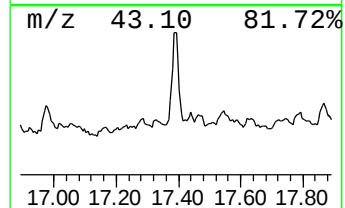
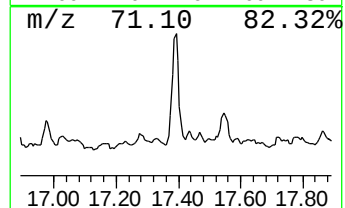
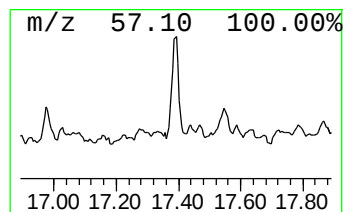
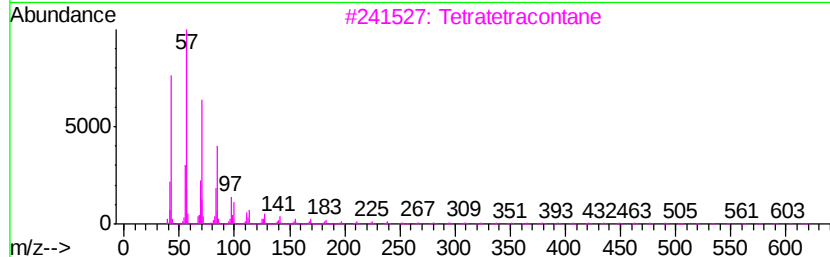
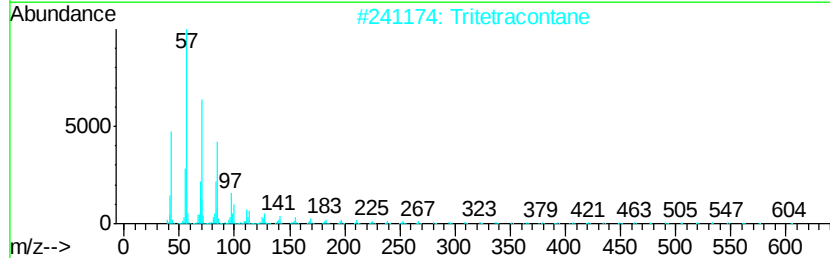
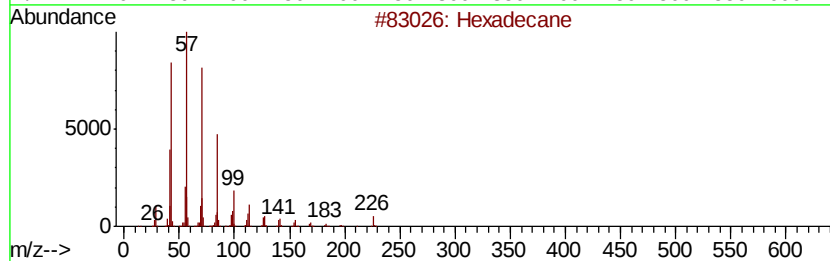
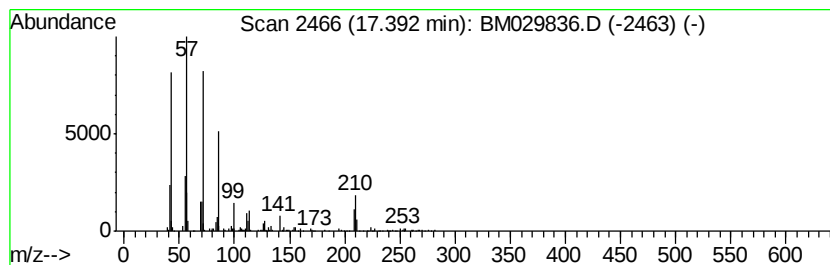
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	4.85 ng/ul	331831	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tritetracontane	605	C43H88	007098-21-7	86
3			Tetratetracontane	619	C44H90	007098-22-8	86
4			Heptacosane	380	C27H56	000593-49-7	86
5			Nonadecane	268	C19H40	000629-92-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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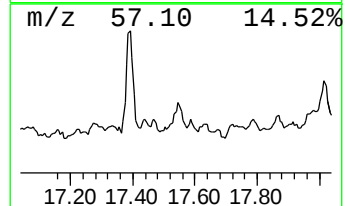
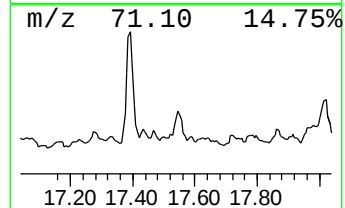
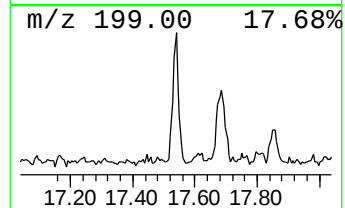
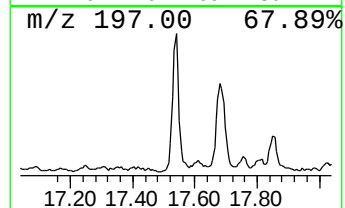
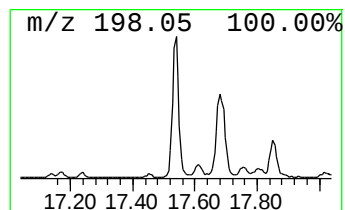
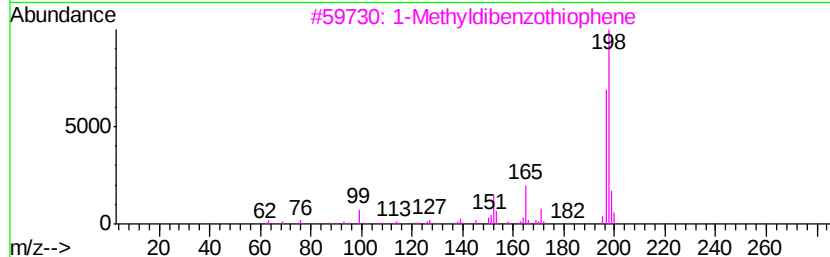
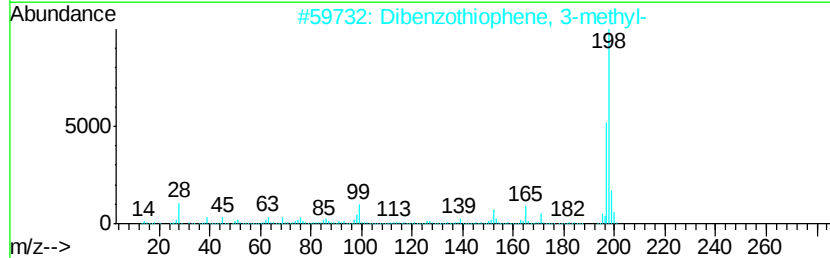
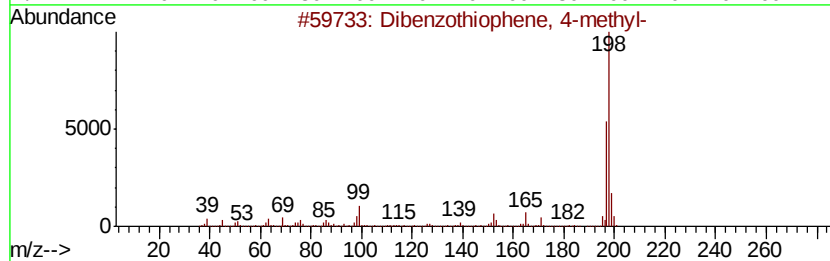
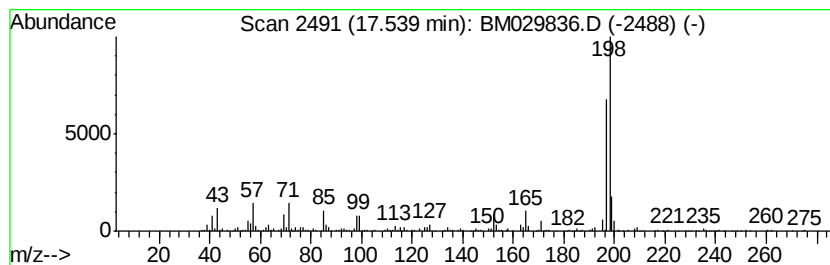
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Dibenzothiophene, 4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	3.87 ng/ul	264802	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3			1-Methylidibenzothiophene	198	C13H10S	031317-07-4	87
4			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	78
5			Tacrine	198	C13H14N2	000321-64-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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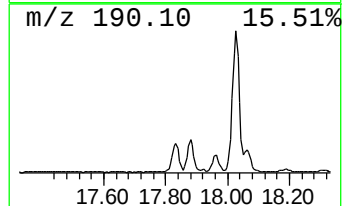
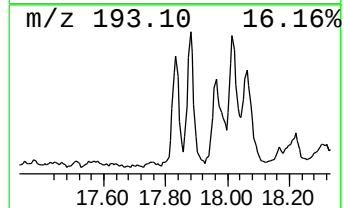
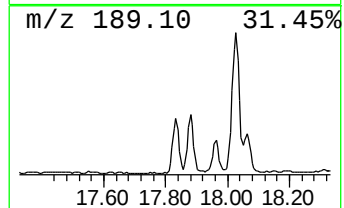
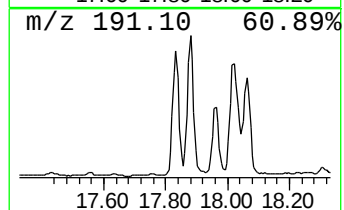
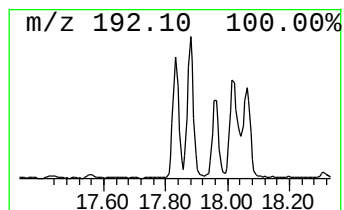
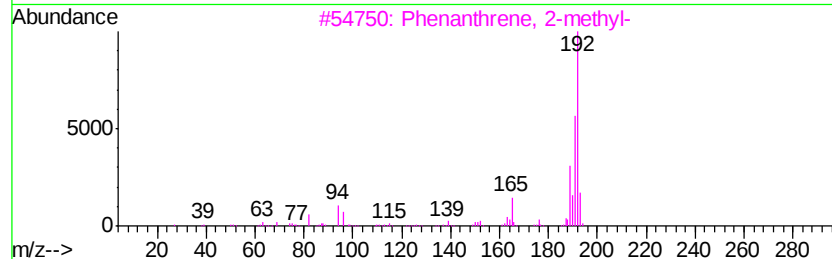
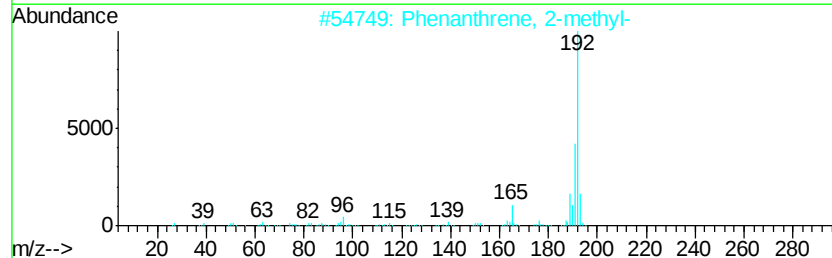
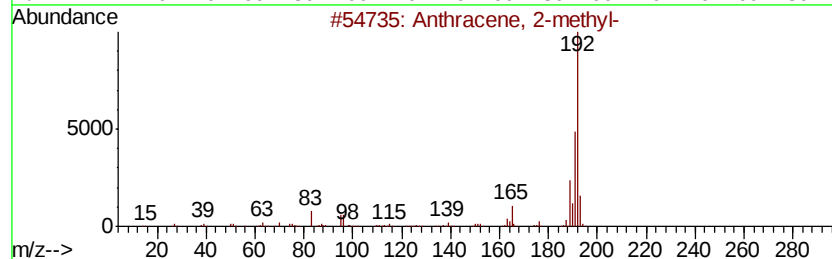
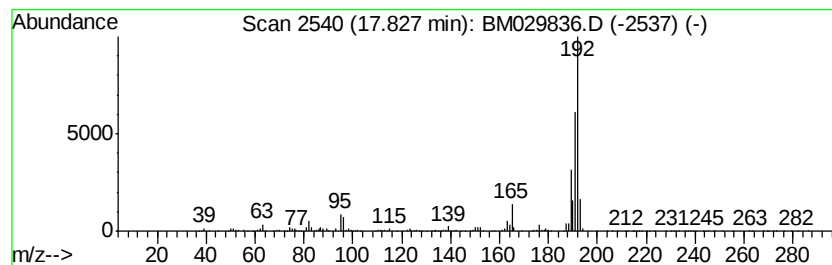
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	9.79 ng/ul	670546	Phenanthrene-d10	16.96

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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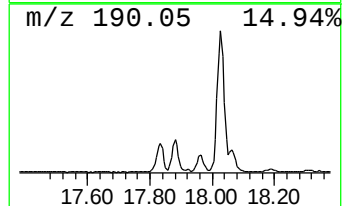
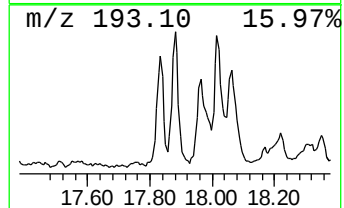
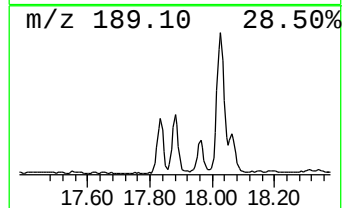
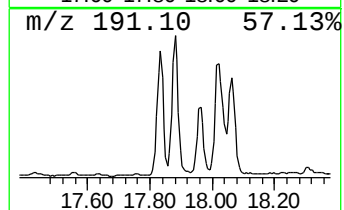
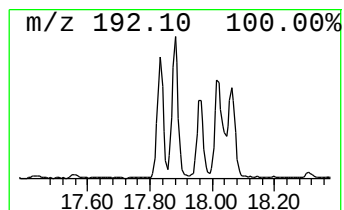
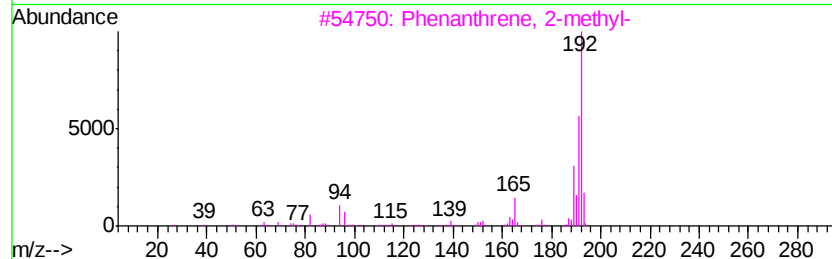
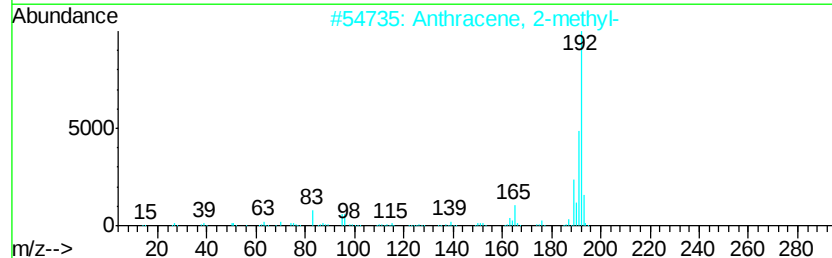
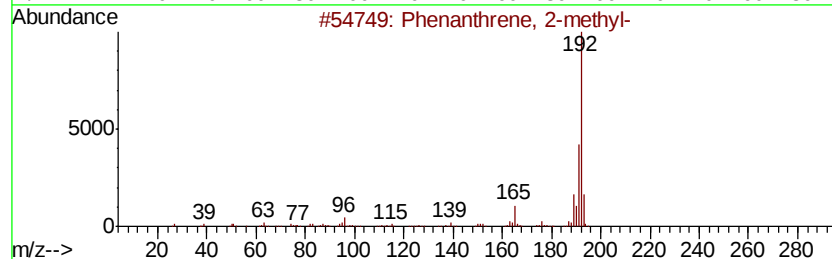
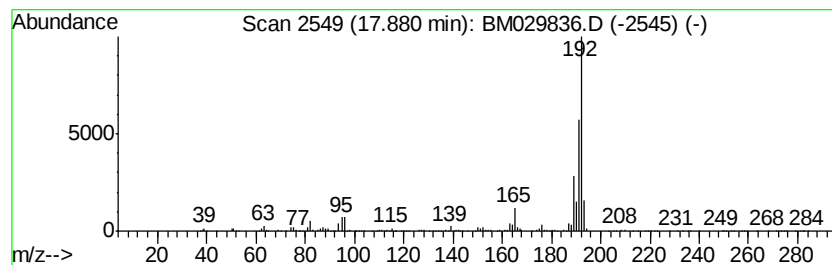
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	14.60 ng/ul	999897	Phenanthrene-d10	16.96

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
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ClientSampleId :
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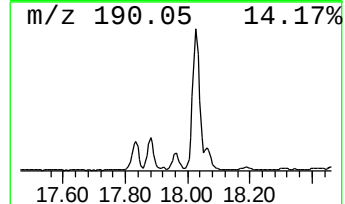
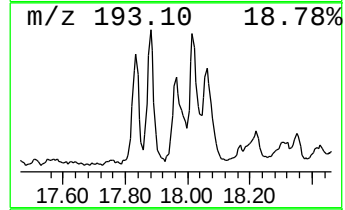
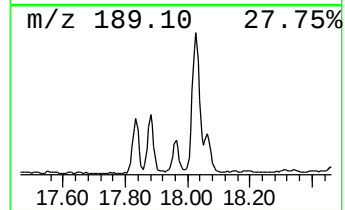
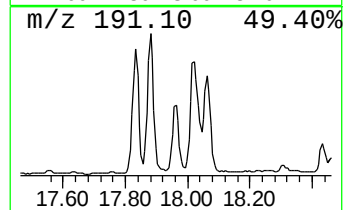
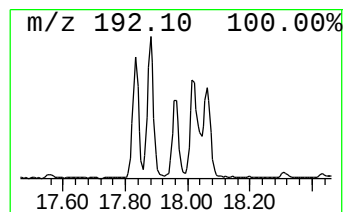
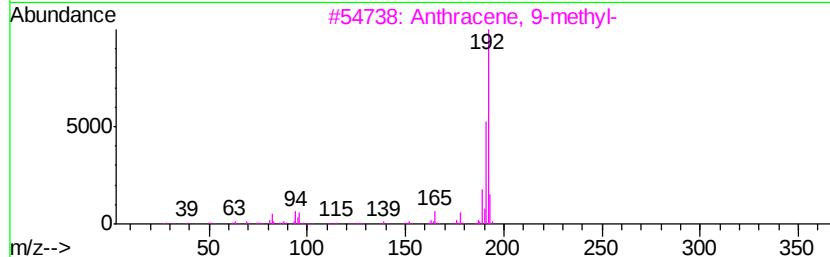
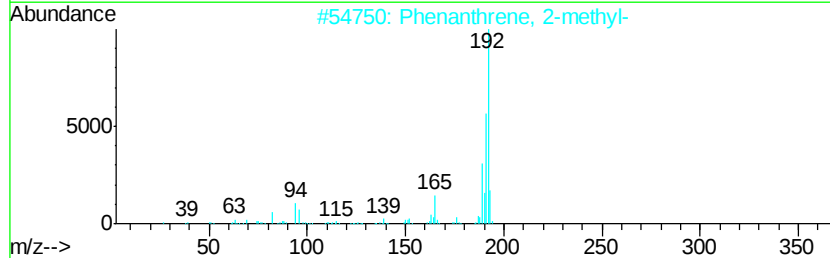
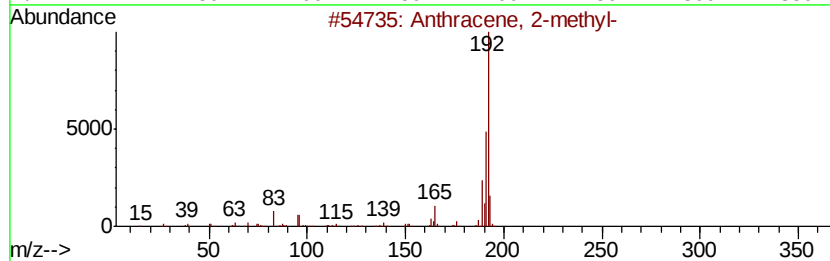
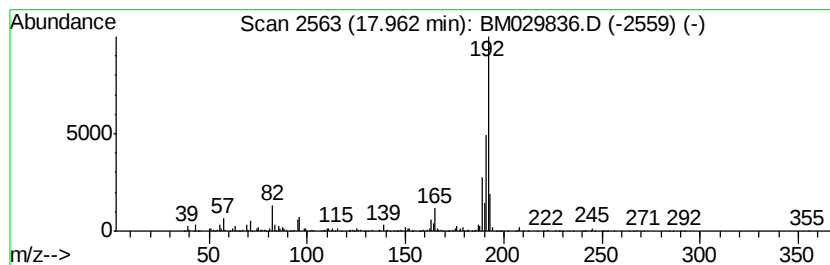
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	8.82 ng/ul	604137	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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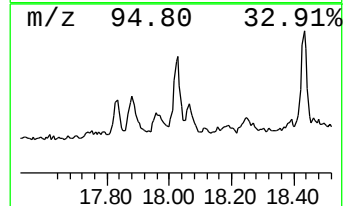
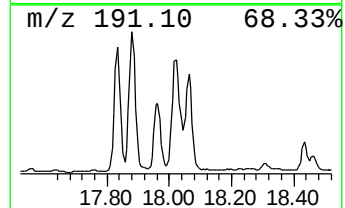
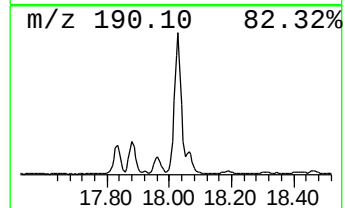
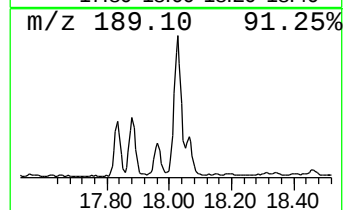
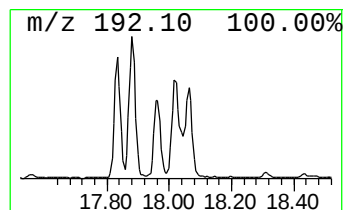
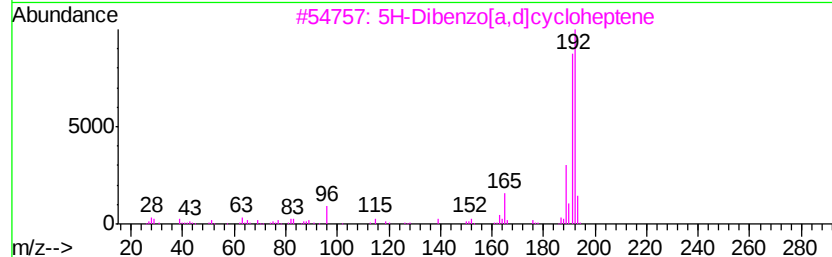
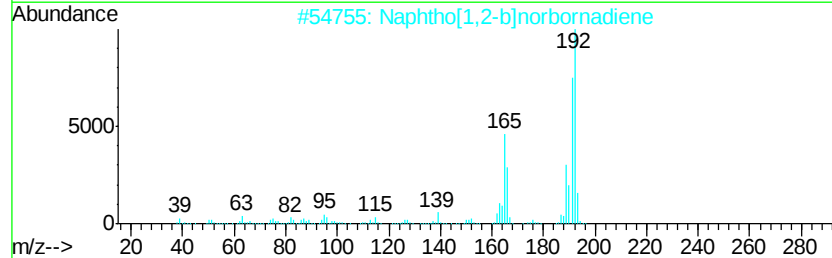
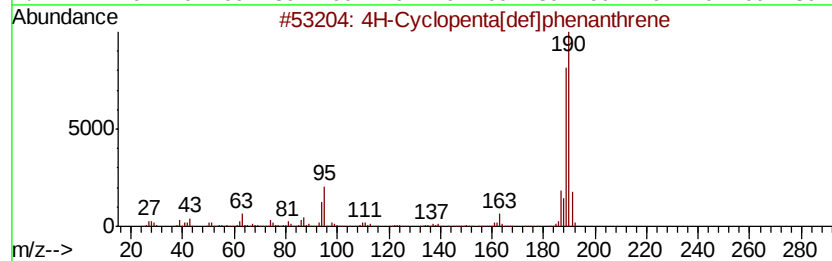
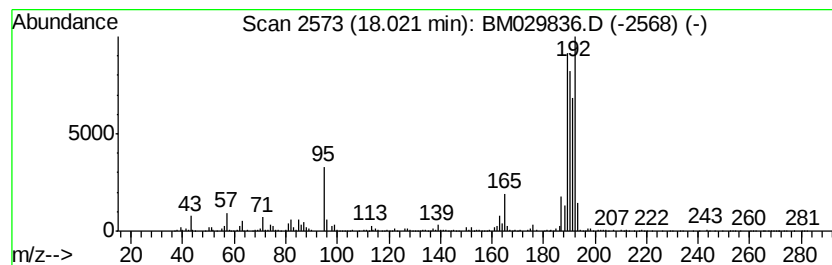
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Naphtho[1,2-b]norbornadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	22.47 ng/ul	1538790	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4		1a,9b-Dihydro-1H-cyclopropa[alan...]	192	C15H12	006109-24-6	46
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
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Acq On : 05 May 2021 20:46
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Sample : M2192-01
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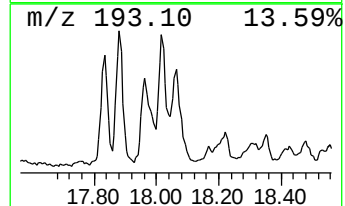
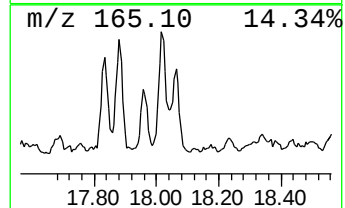
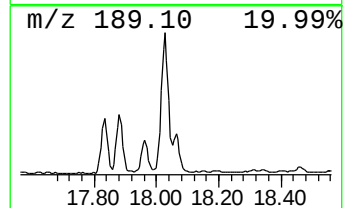
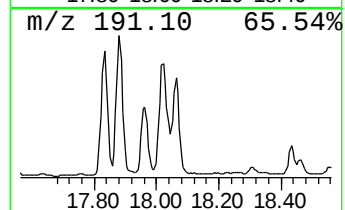
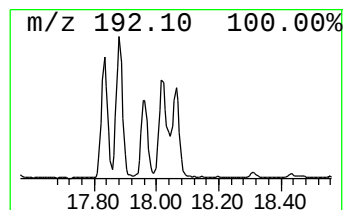
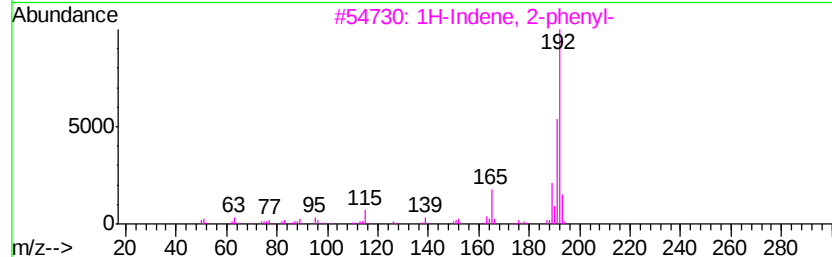
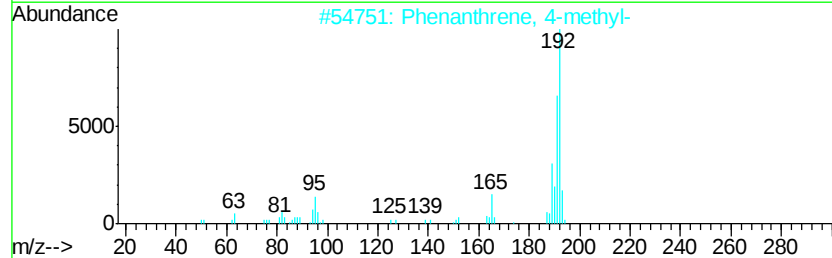
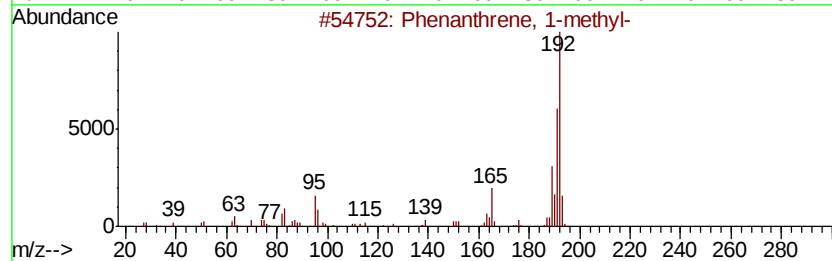
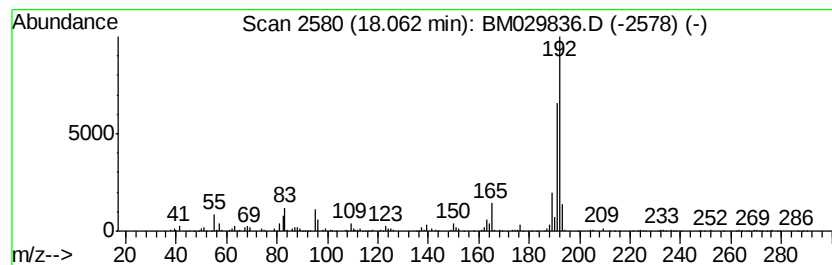
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.45 ng/ul	578405	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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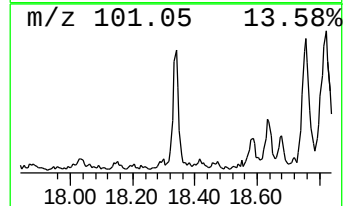
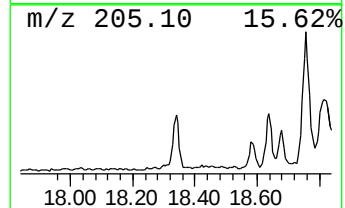
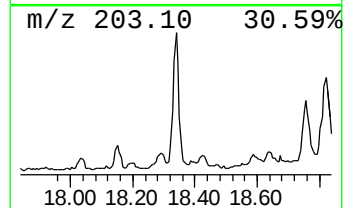
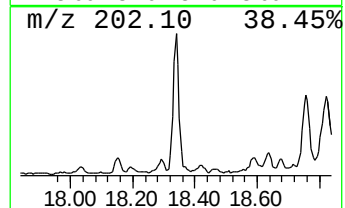
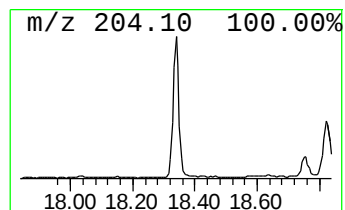
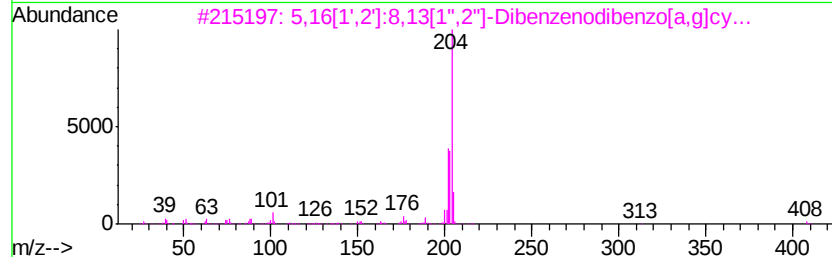
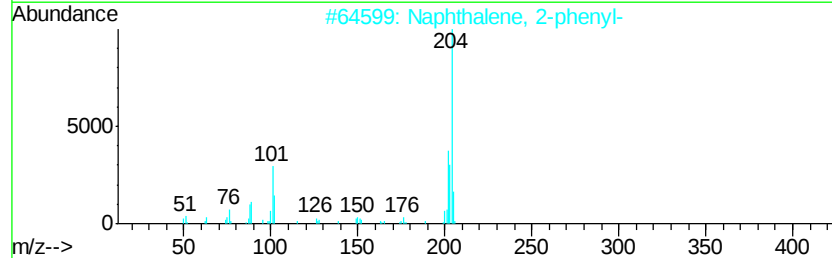
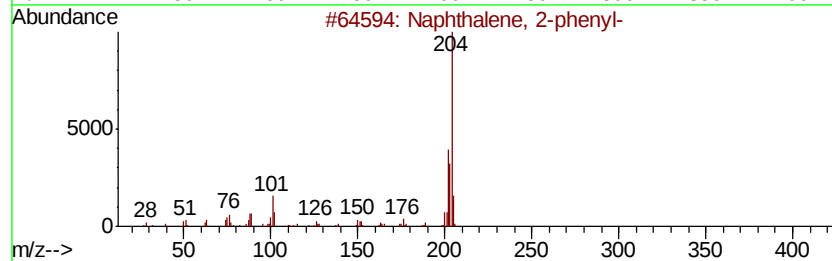
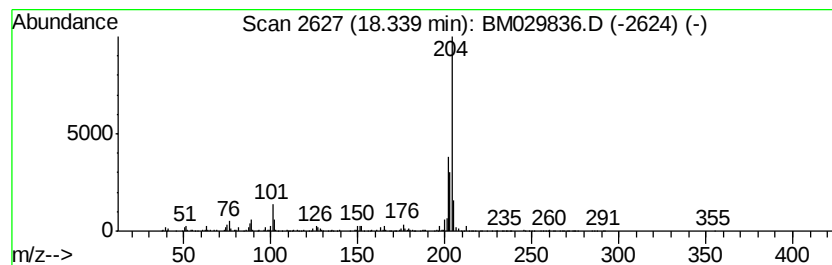
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Naphthalene, 2-phenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.31 ng/ul	295506	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
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ClientSampleId :
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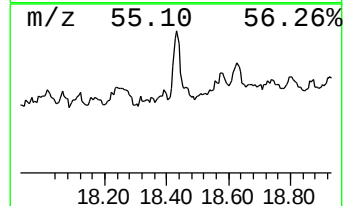
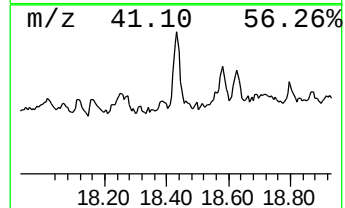
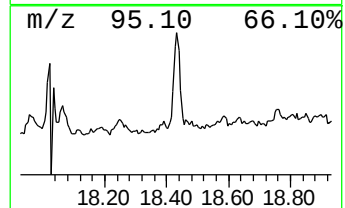
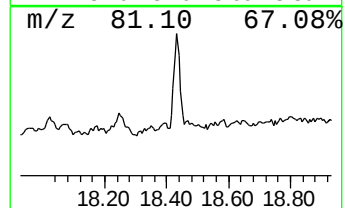
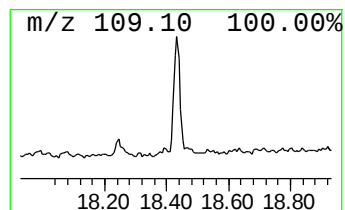
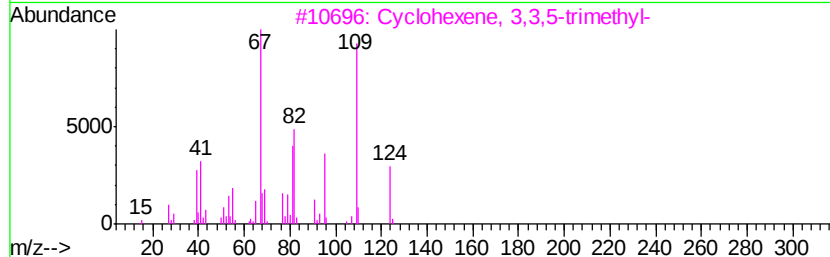
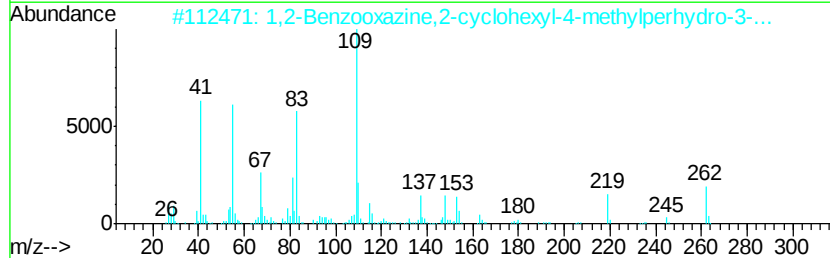
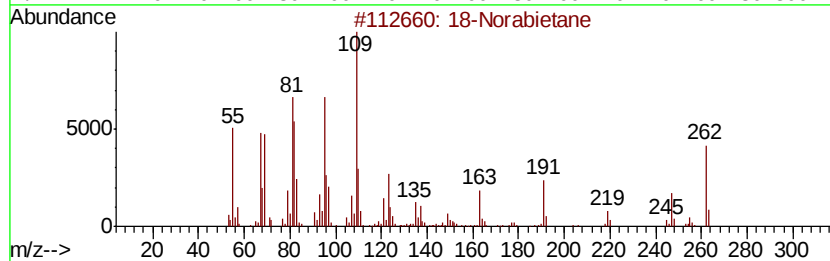
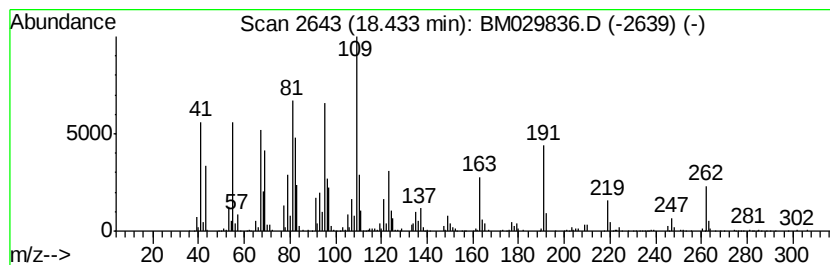
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 18-Norabietane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	11.10 ng/ul	760156	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			18-Norabietane	262	C19H34	1000293-16-6	93
2			1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	38
3			Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38
4			7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	30
5			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

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ClientSampleId :
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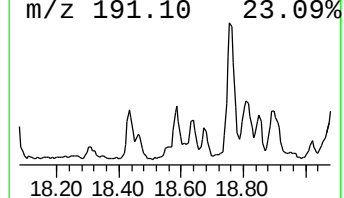
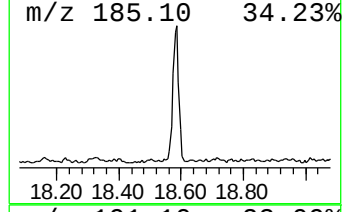
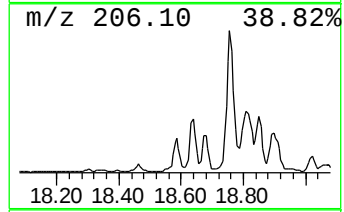
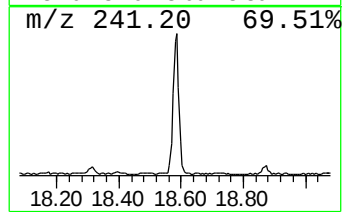
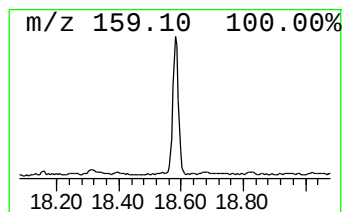
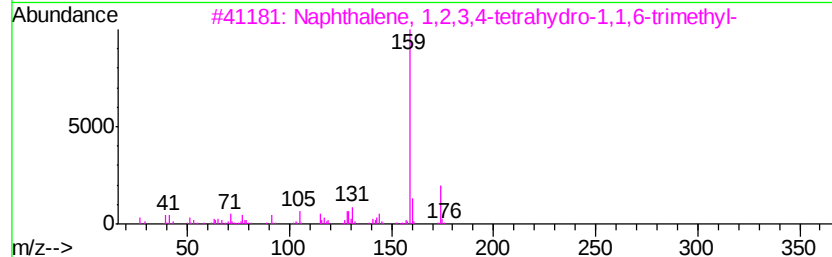
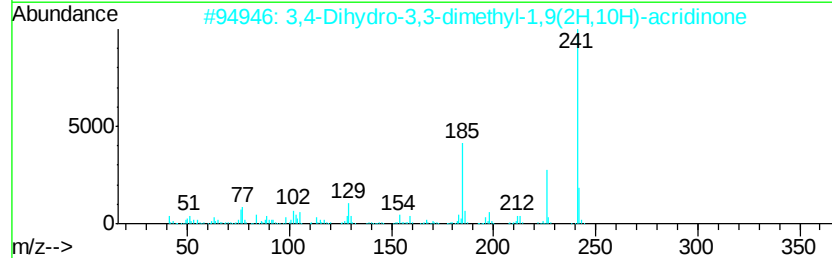
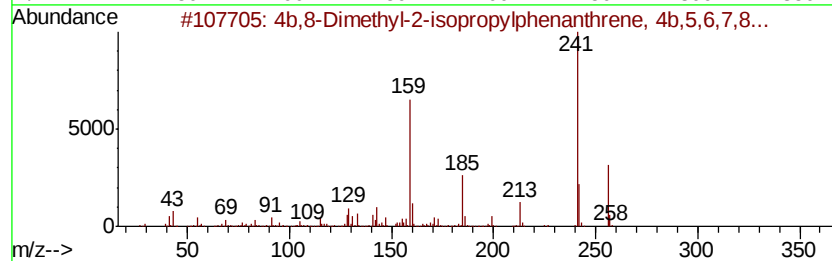
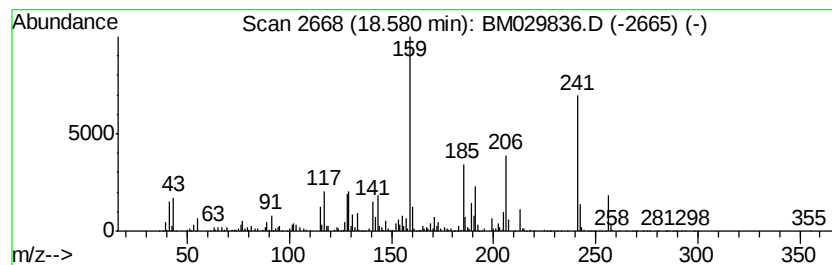
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	10.28 ng/ul	704310	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15N02	1000212-95-2	35
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	25
4		2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	22
5		Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG595

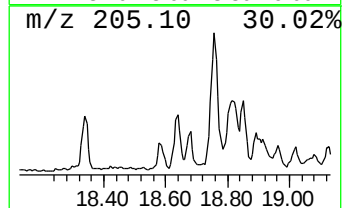
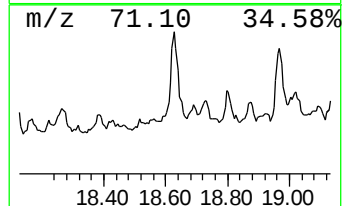
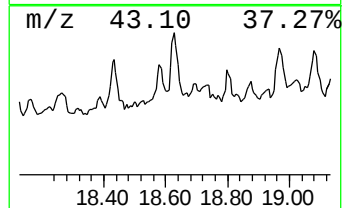
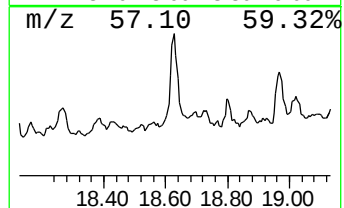
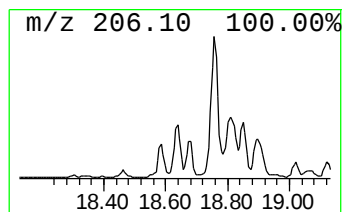
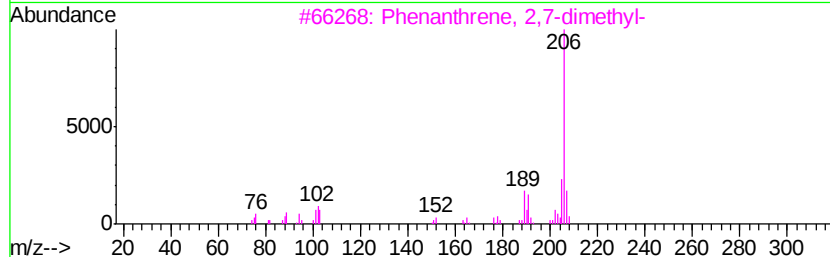
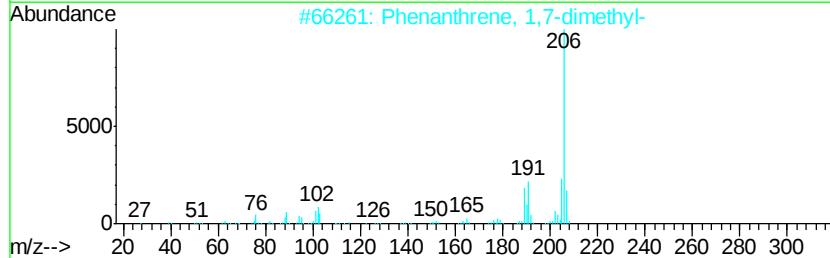
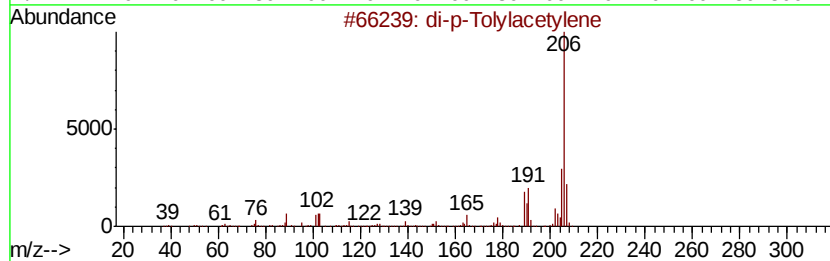
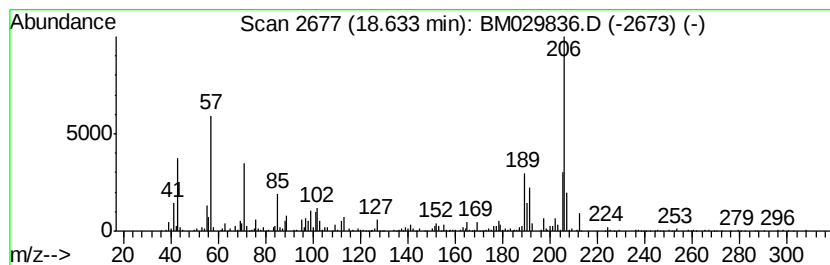
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	6.68 ng/ul	457349	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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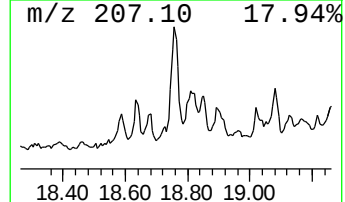
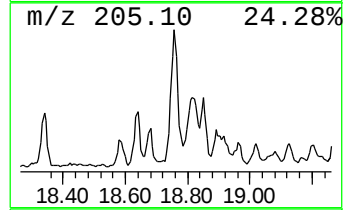
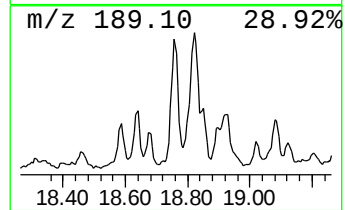
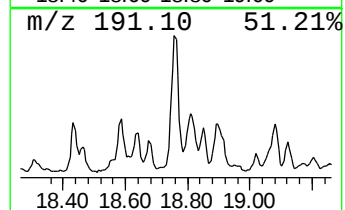
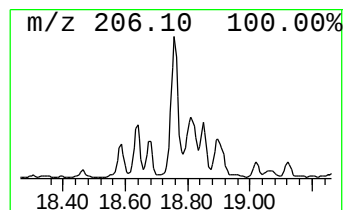
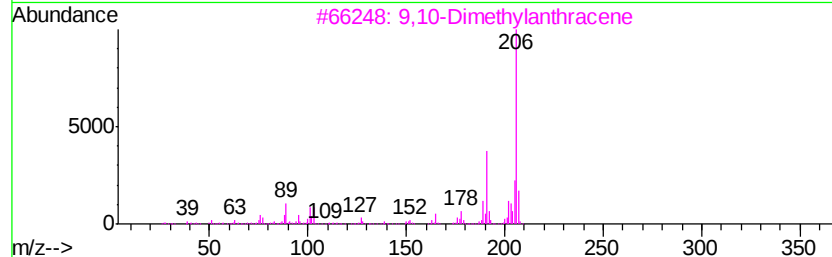
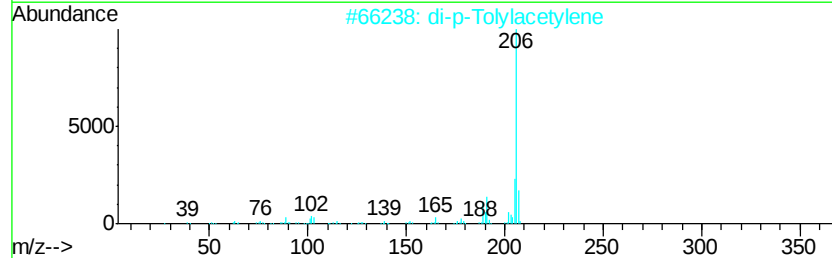
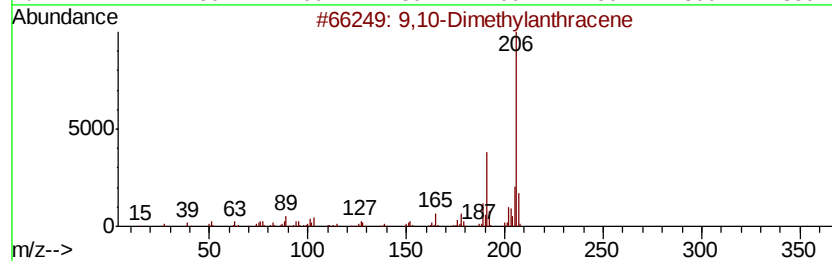
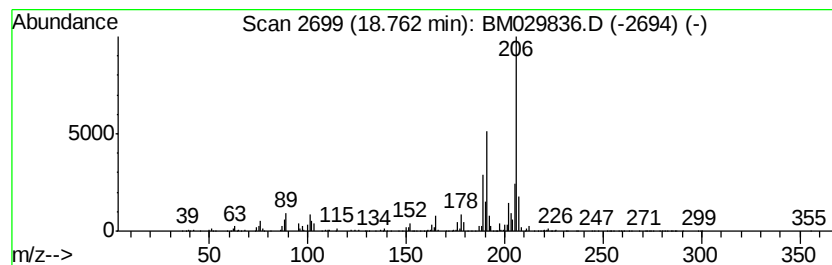
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 9,10-Dimethylantracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	10.43 ng/ul	714053	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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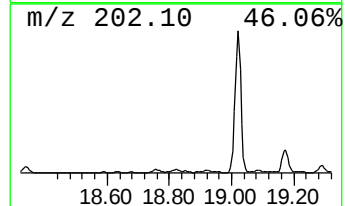
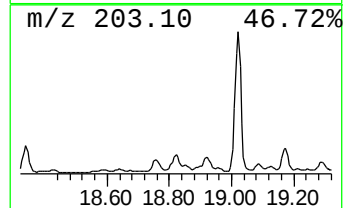
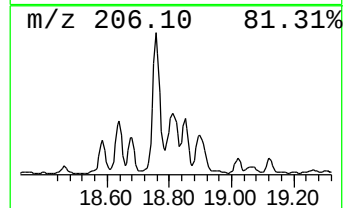
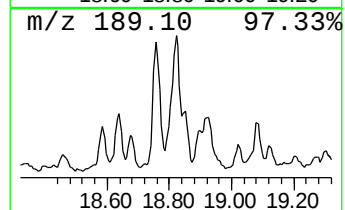
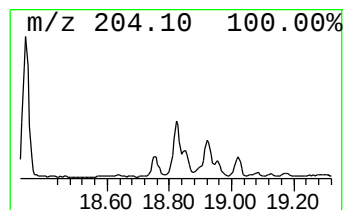
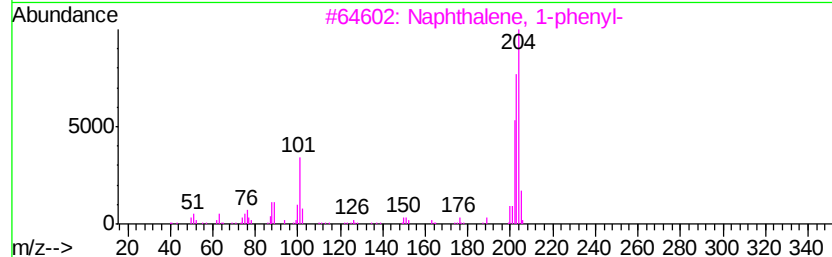
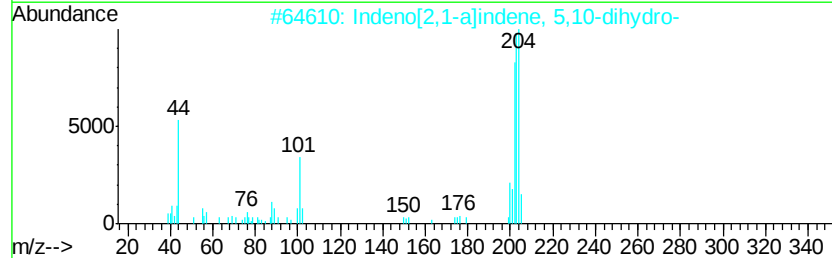
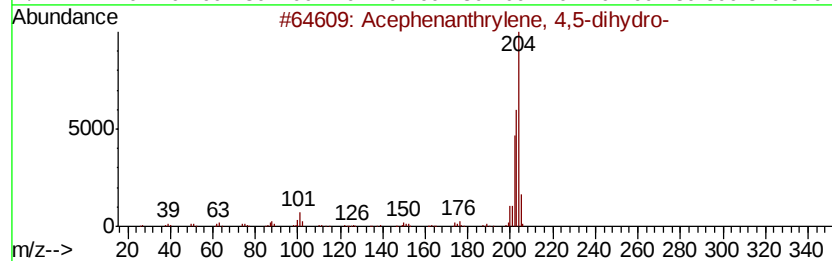
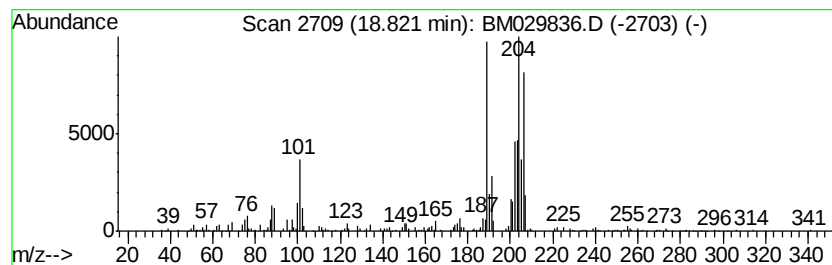
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Acephenanthrylene, 4,5-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	8.24 ng/ul	564302	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	83
2		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
4		Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG595

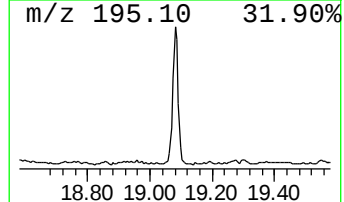
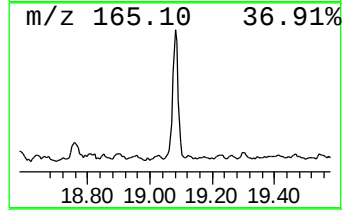
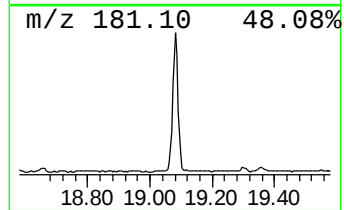
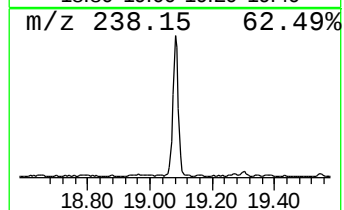
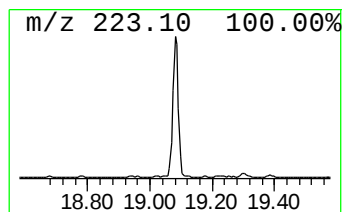
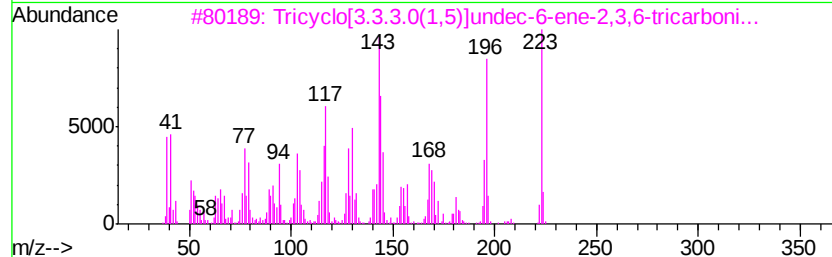
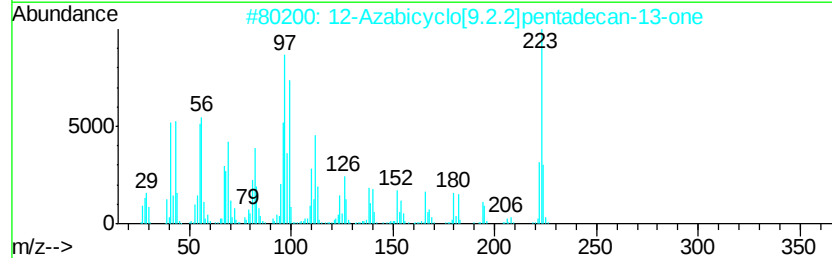
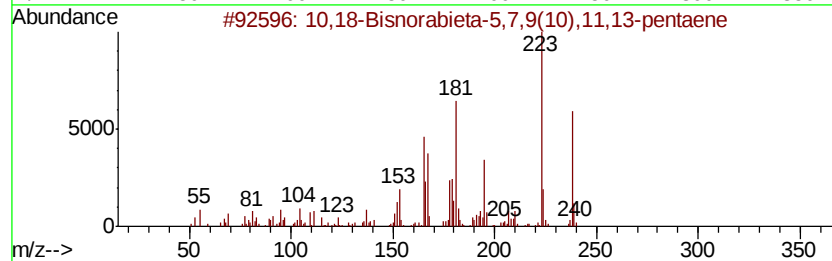
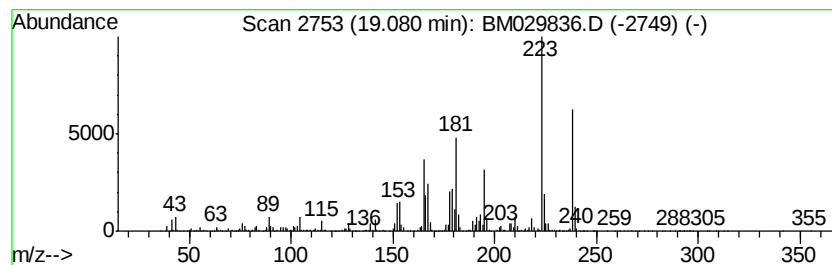
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 10,18-Bisnorabieta-5,7,9(10)... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	8.95 ng/ul	1747250	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
3		Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	70
4		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	64
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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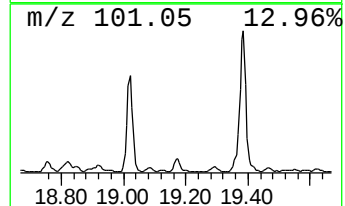
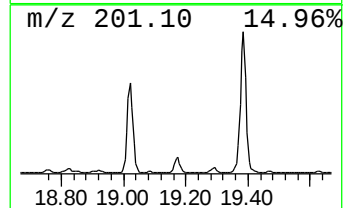
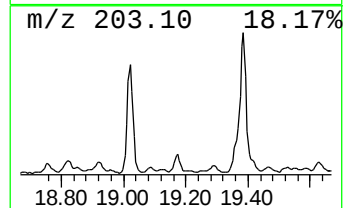
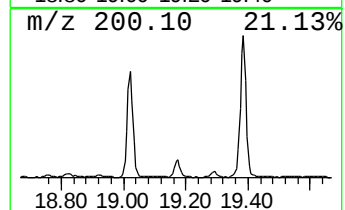
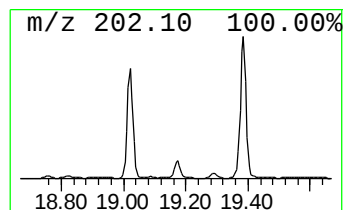
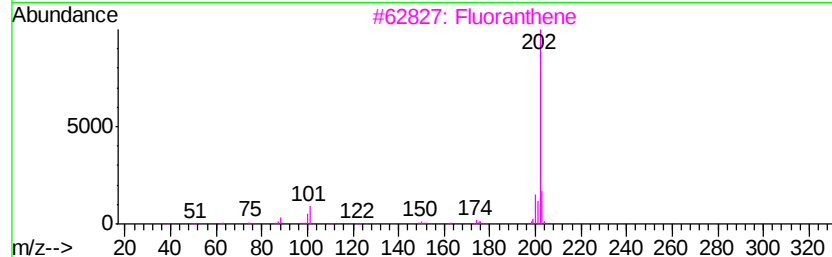
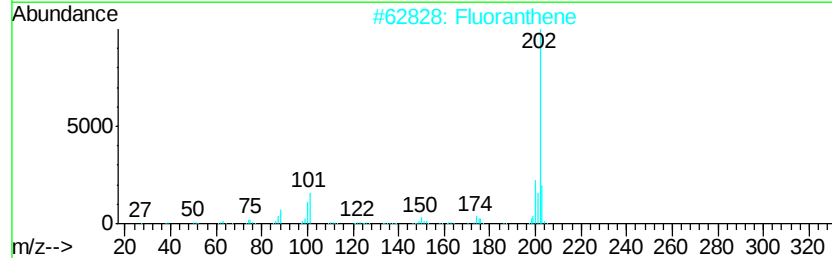
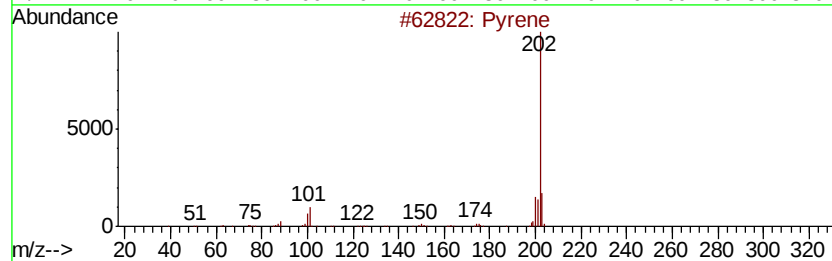
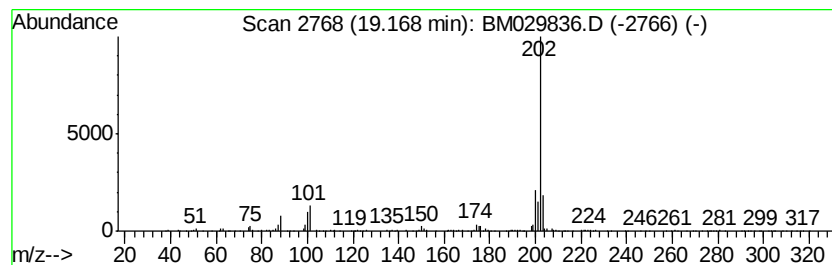
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 unknown-05 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.67 ng/ul	521252	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene	202	C16H10	000129-00-0	93
2		Fluoranthene	202	C16H10	000206-44-0	90
3		Fluoranthene	202	C16H10	000206-44-0	90
4		Pyrene	202	C16H10	000129-00-0	81
5		Pyrene	202	C16H10	000129-00-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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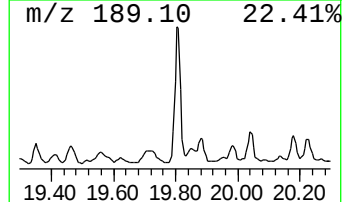
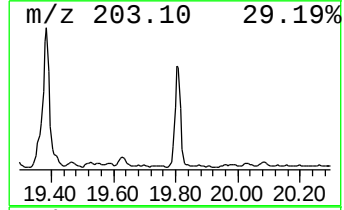
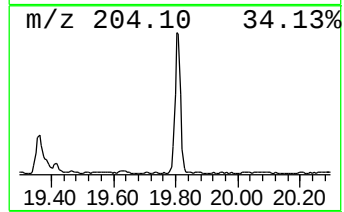
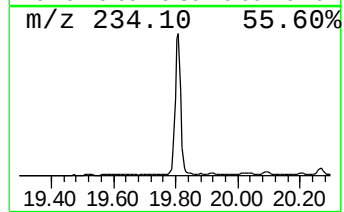
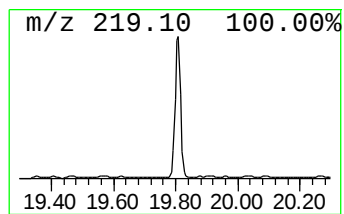
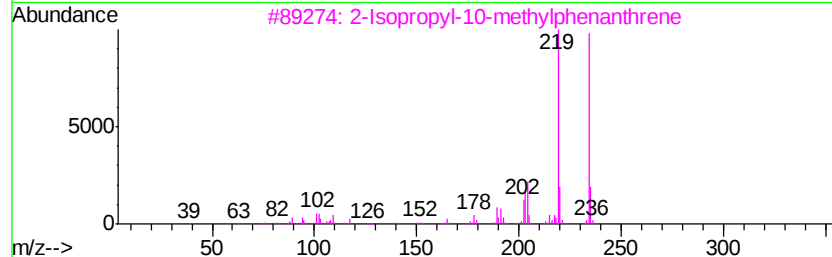
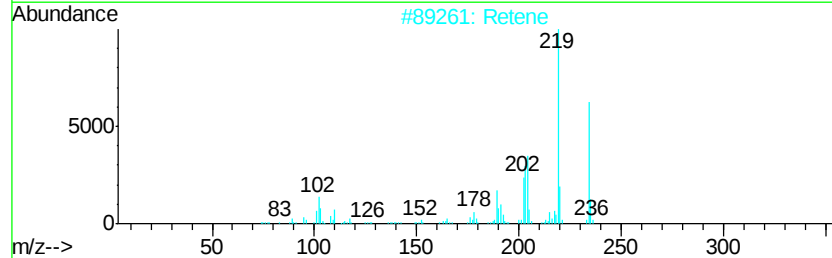
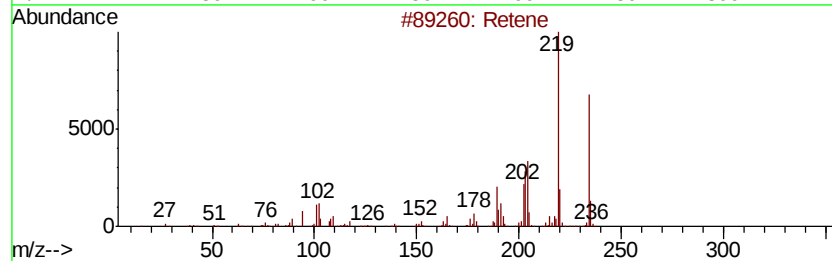
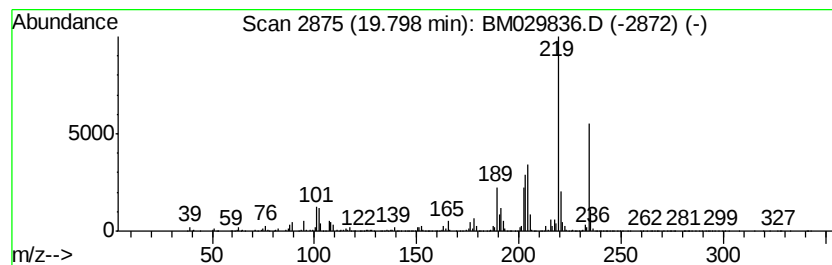
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Retene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	16.34 ng/ul	3188950	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	99
2		Retene	234	C18H18	000483-65-8	95
3		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4		Retene	234	C18H18	000483-65-8	94
5		Retene	234	C18H18	000483-65-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG595

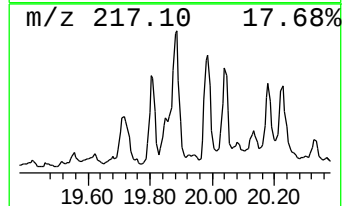
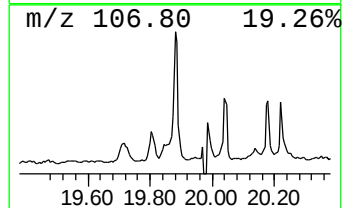
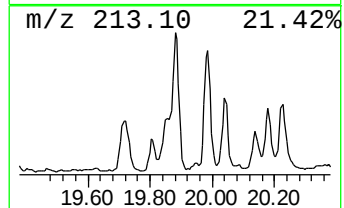
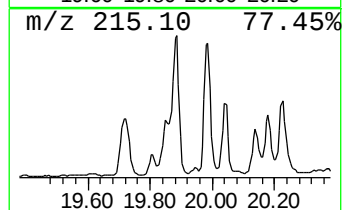
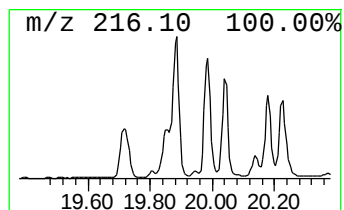
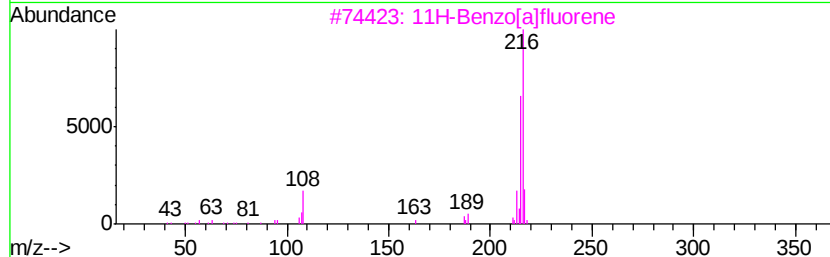
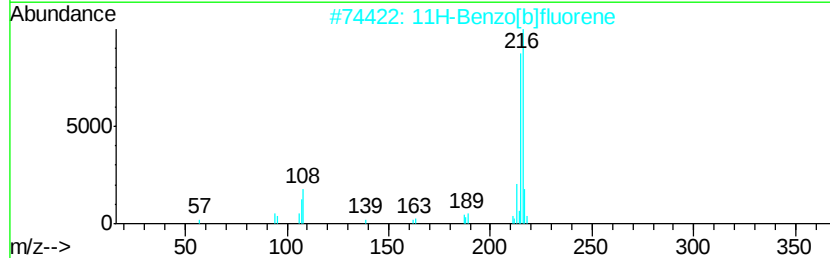
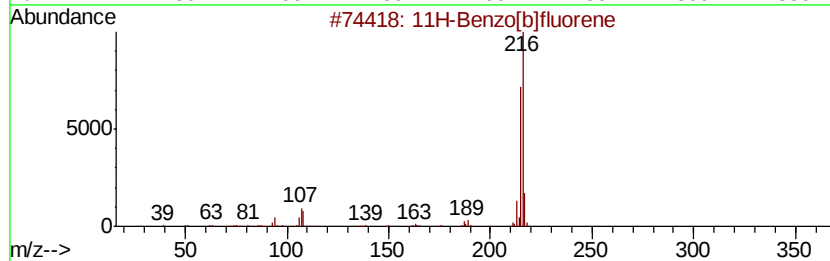
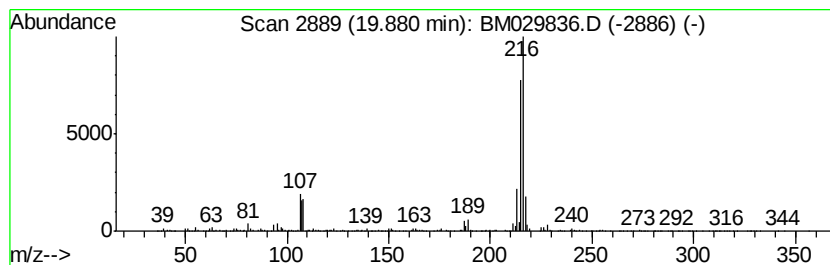
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	5.77 ng/ul	1126800	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG595

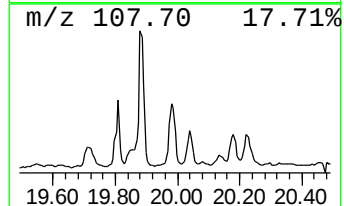
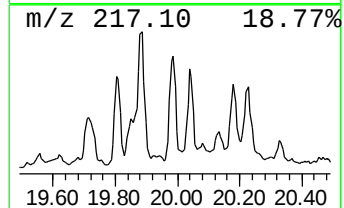
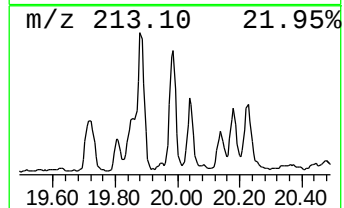
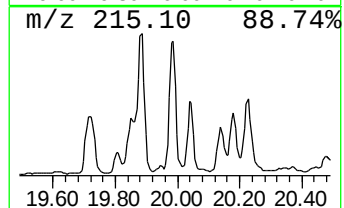
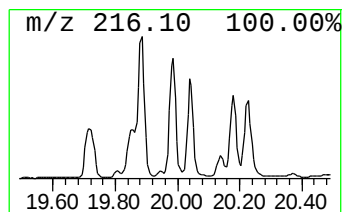
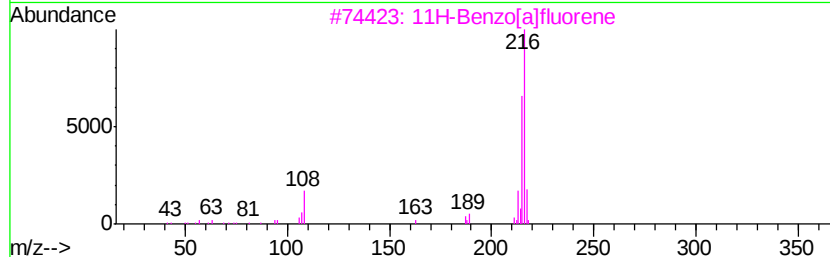
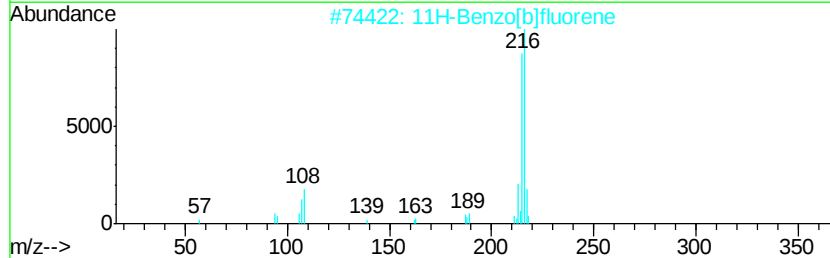
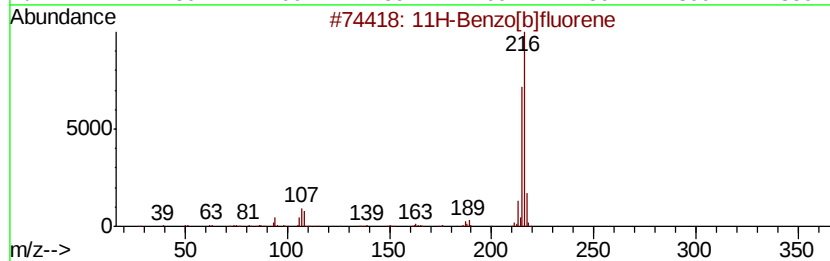
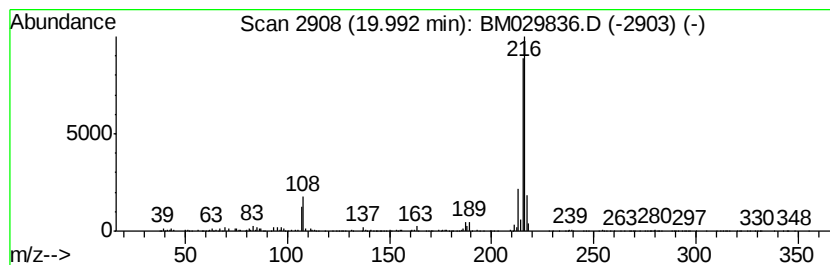
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 11H-Benzo[a]fluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	4.97 ng/ul	969291	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG595

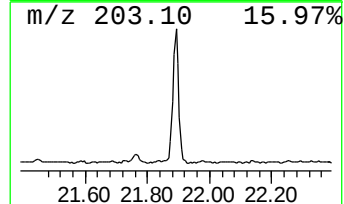
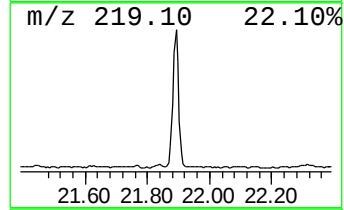
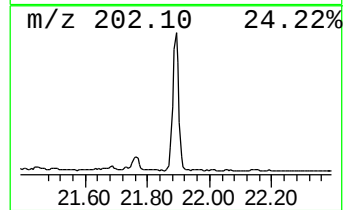
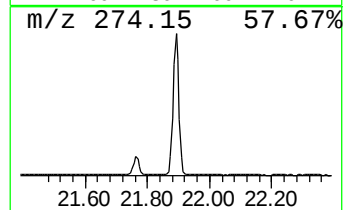
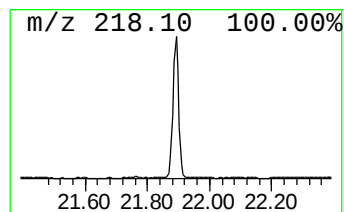
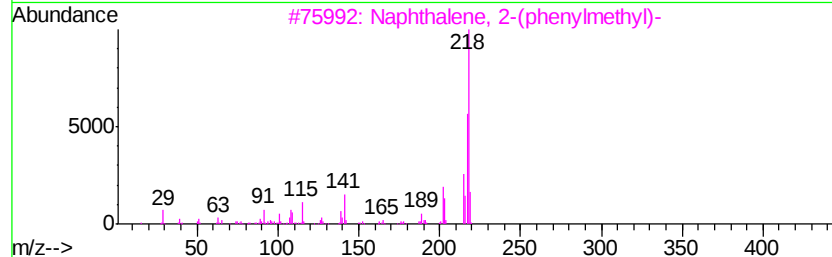
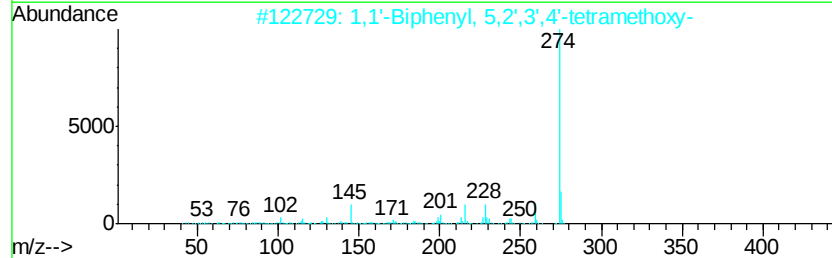
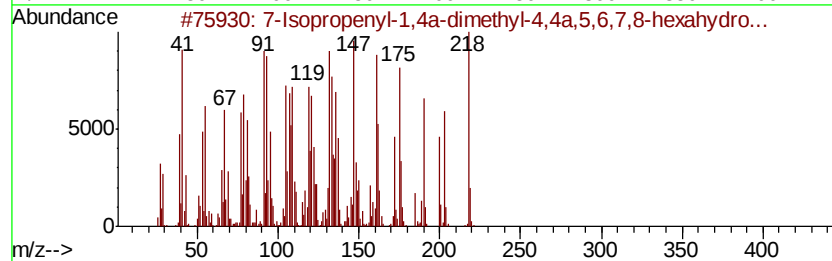
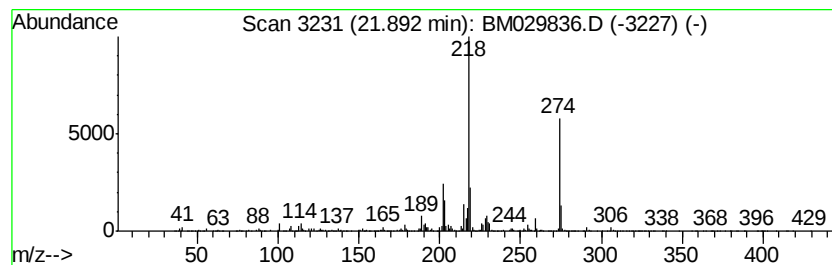
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	21.76 ng/ul	4247260	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	86
2		1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	53
3		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
4		1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	46
5		Benzenamine, 2-bromo-4-nitro-	216	C6H5BrN2O2	013296-94-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029836.D
Acq On : 05 May 2021 20:46
Operator : CG/JU
Sample : M2192-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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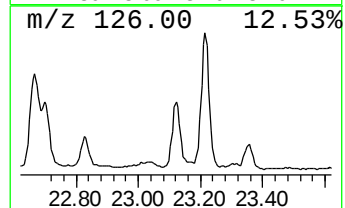
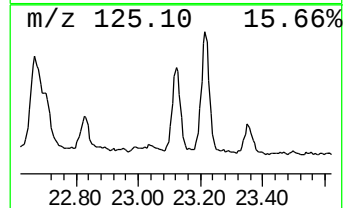
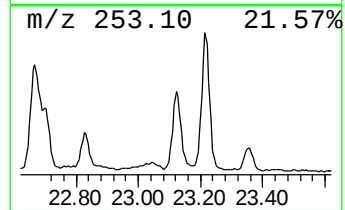
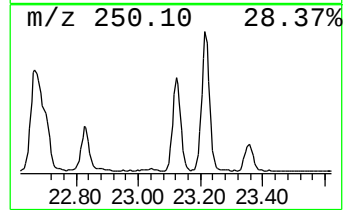
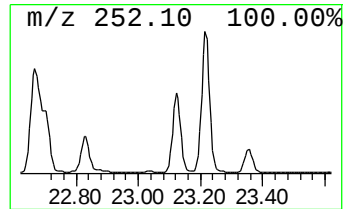
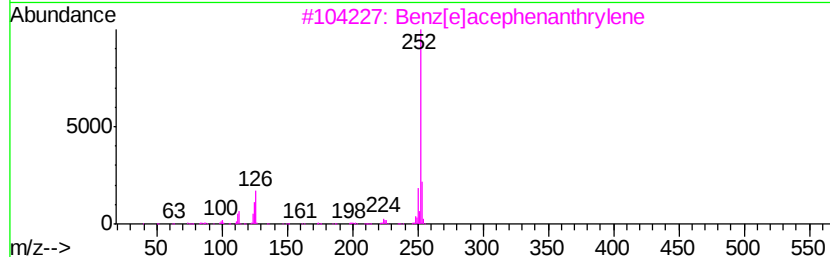
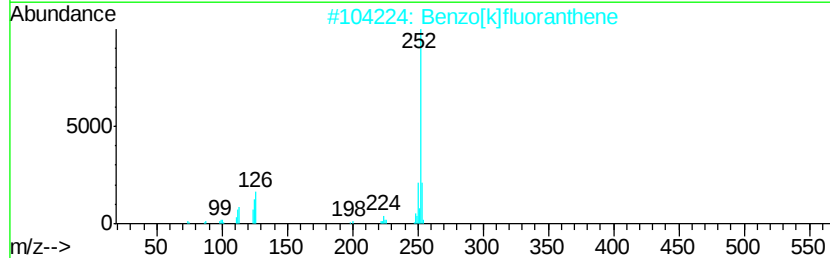
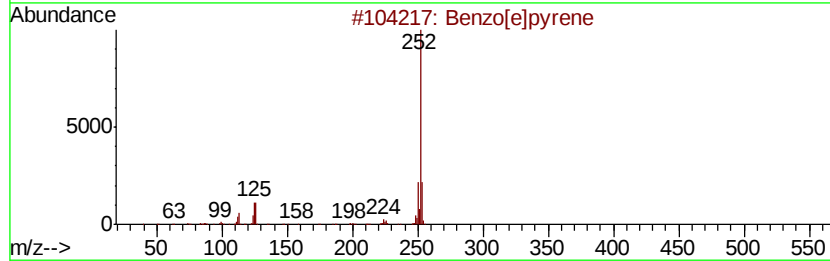
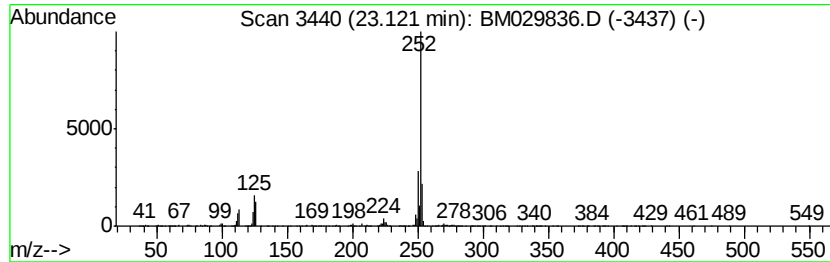
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	12.92 ng/ul	801844	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050421\
 Data File : BM029836.D
 Acq On : 05 May 2021 20:46
 Operator : CG/JU
 Sample : M2192-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG595

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	7.85	8.1	ng/ul	235706	1	7.56	581670	20.0
(DEL) Alkane: Cyc...	8.11	5.3	ng/ul	153322	1	7.56	581670	20.0
unknown-01	8.66	4.5	ng/ul	129786	1	7.56	581670	20.0
(DEL) Alkane: Cyc...	8.87	4.3	ng/ul	126422	1	7.56	581670	20.0
unknown-02	8.91	5.3	ng/ul	153323	1	7.56	581670	20.0
(DEL) Alkane: Str...	10.74	3.4	ng/ul	168887	2	10.34	1002070	20.0
(DEL) Alkane: Str...	11.01	2.8	ng/ul	139737	2	10.34	1002070	20.0
(DEL) Alkane: Cyc...	11.04	4.0	ng/ul	198351	2	10.34	1002070	20.0
Sulfurous acid, b...	11.37	16.2	ng/ul	810188	2	10.34	1002070	20.0
(DEL) Alkane: Str...	11.63	3.6	ng/ul	179090	2	10.34	1002070	20.0
unknown-03	11.79	2.2	ng/ul	112044	2	10.34	1002070	20.0
unknown-04	11.87	2.4	ng/ul	118681	2	10.34	1002070	20.0
(DEL) Alkane: Cyc...	11.92	2.2	ng/ul	111015	2	10.34	1002070	20.0
(DEL) Alkane: Cyc...	12.48	4.0	ng/ul	291155	3	14.21	1472440	20.0
(DEL) Alkane: Str...	12.75	12.5	ng/ul	916995	3	14.21	1472440	20.0
(DEL) Alkane: Cyc...	13.02	2.3	ng/ul	168146	3	14.21	1472440	20.0
(DEL) Alkane: Str...	13.06	2.8	ng/ul	207913	3	14.21	1472440	20.0
Naphthalene, 2,6-...	13.39	4.8	ng/ul	353327	3	14.21	1472440	20.0
Naphthalene, 2,3-...	13.53	4.6	ng/ul	340599	3	14.21	1472440	20.0
Naphthalene, 2,3,...	14.62	5.1	ng/ul	378003	3	14.21	1472440	20.0
Naphthalene, 1,4,...	14.69	3.4	ng/ul	246592	3	14.21	1472440	20.0
(DEL) Alkane: Str...	14.75	5.7	ng/ul	416135	3	14.21	1472440	20.0
Naphthalene, 1,6,...	14.83	4.5	ng/ul	331708	3	14.21	1472440	20.0
Naphthalene, 1,4,...	15.00	4.8	ng/ul	356254	3	14.21	1472440	20.0
(DEL) Alkane: Str...	15.69	2.1	ng/ul	146443	4	16.96	1369780	20.0
(DEL) Alkane: Str...	15.97	35.2	ng/ul	2409680	4	16.96	1369780	20.0
(DEL) Alkane: Str...	16.79	22.2	ng/ul	1518060	4	16.96	1369780	20.0
(DEL) Alkane: Str...	17.39	4.8	ng/ul	331831	4	16.96	1369780	20.0
Dibenzothiophene,...	17.54	3.9	ng/ul	264802	4	16.96	1369780	20.0
Phenanthrene, 2-m...	17.83	9.8	ng/ul	670546	4	16.96	1369780	20.0
Anthracene, 2-met...	17.88	14.6	ng/ul	999897	4	16.96	1369780	20.0
Anthracene, 9-met...	17.96	8.8	ng/ul	604137	4	16.96	1369780	20.0
Naphtho[1,2-b]nor...	18.02	22.5	ng/ul	1538790	4	16.96	1369780	20.0
Phenanthrene, 4-m...	18.06	8.4	ng/ul	578405	4	16.96	1369780	20.0
Naphthalene, 2-ph...	18.34	4.3	ng/ul	295506	4	16.96	1369780	20.0
18-Norabietane	18.43	11.1	ng/ul	760156	4	16.96	1369780	20.0
4b,8-Dimethyl-2-i...	18.58	10.3	ng/ul	704310	4	16.96	1369780	20.0
di-p-Tolylacetylene	18.63	6.7	ng/ul	457349	4	16.96	1369780	20.0
9,10-Dimethylanth...	18.76	10.4	ng/ul	714053	4	16.96	1369780	20.0
Acephenanthrylene...	18.82	8.2	ng/ul	564302	4	16.96	1369780	20.0
10,18-Bisnorabiet...	19.08	8.9	ng/ul	1747250	5	21.14	3903860	20.0
unknown-05	19.17	2.7	ng/ul	521252	5	21.14	3903860	20.0
Retene	19.80	16.3	ng/ul	3188950	5	21.14	3903860	20.0
11H-Benzo[b]fluorene	19.88	5.8	ng/ul	1126800	5	21.14	3903860	20.0
11H-Benzo[a]fluorene	19.99	5.0	ng/ul	969291	5	21.14	3903860	20.0
7-Isopropenyl-1,4...	21.89	21.8	ng/ul	4247260	5	21.14	3903860	20.0
Benzo[e]pyrene	23.12	12.9	ng/ul	801844	6	23.30	1241640	20.0