

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013396.D
 Acq On : 14 Dec 2017 04:29
 Operator : SJ/JU
 Sample : I6759-11ME 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A19ME

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	7.681	771	781	792	rBV	548291	900714	10.85%	1.197%
2	10.457	1245	1253	1257	rBV	794587	1302547	15.69%	1.731%
3	10.510	1257	1262	1271	rVB	763228	1269036	15.28%	1.686%
4	10.616	1273	1280	1288	rBV3	56416	139578	1.68%	0.185%
5	12.128	1531	1537	1544	rVB	485703	738100	8.89%	0.981%
6	12.351	1567	1575	1586	rBV	262721	471244	5.68%	0.626%
7	13.151	1705	1711	1719	rBV3	115423	186724	2.25%	0.248%
8	13.345	1740	1744	1753	rVB	75941	136906	1.65%	0.182%
9	13.481	1759	1767	1777	rBV3	110409	304524	3.67%	0.405%
10	13.639	1785	1794	1799	rBV2	169964	326510	3.93%	0.434%
11	13.692	1799	1803	1807	rVV	113266	187519	2.26%	0.249%
12	13.739	1807	1811	1816	rVB	124144	181768	2.19%	0.242%
13	14.016	1852	1858	1861	rBV	144169	236518	2.85%	0.314%
14	14.228	1889	1894	1899	rBV3	88191	118121	1.42%	0.157%
15	14.322	1899	1910	1916	rVV2	1164191	1933911	23.29%	2.570%
16	14.386	1916	1921	1928	rVV	1065249	1559386	18.78%	2.072%
17	14.457	1928	1933	1940	rVB3	49399	93415	1.12%	0.124%
18	14.539	1940	1947	1956	rBV5	64086	199068	2.40%	0.265%
19	14.628	1956	1962	1967	rBV4	55990	106799	1.29%	0.142%
20	14.722	1972	1978	1986	rVV	714891	1132434	13.64%	1.505%
21	14.804	1986	1992	1997	rVV	108990	169601	2.04%	0.225%
22	14.875	1997	2004	2008	rVV5	77108	146232	1.76%	0.194%
23	14.951	2008	2017	2021	rVV4	129546	310230	3.74%	0.412%
24	14.998	2021	2025	2029	rVB	73372	107883	1.30%	0.143%
25	15.186	2053	2057	2061	rVB	128057	162374	1.96%	0.216%
26	15.316	2070	2079	2084	rBV	185390	301464	3.63%	0.401%
27	15.375	2084	2089	2094	rVV2	770594	1049643	12.64%	1.395%
28	15.469	2100	2105	2107	rBV5	79949	112722	1.36%	0.150%
29	15.498	2107	2110	2114	rVB2	112717	148108	1.78%	0.197%
30	15.539	2114	2117	2121	rVB2	82213	102826	1.24%	0.137%
31	15.586	2121	2125	2129	rBV7	71966	109700	1.32%	0.146%
32	15.669	2135	2139	2147	rVB2	188035	338886	4.08%	0.450%
33	15.816	2157	2164	2172	rVV	205747	490498	5.91%	0.652%
34	15.898	2172	2178	2186	rVV7	57776	141988	1.71%	0.189%

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35	16.051	2199	2204	2216	rVB2	220026	375738	4.52%	0.499%
36	16.339	2248	2253	2255	rBV3	71739	117053	1.41%	0.156%
37	16.380	2257	2260	2264	rVV4	115724	199021	2.40%	0.264%
38	16.427	2264	2268	2275	rVV4	102948	230042	2.77%	0.306%
39	16.510	2279	2282	2290	rVB9	49836	91807	1.11%	0.122%
40	16.610	2290	2299	2303	rBV8	71694	190641	2.30%	0.253%
41	16.651	2303	2306	2309	rVV4	107924	152108	1.83%	0.202%
42	16.727	2313	2319	2328	rVV2	5086171	7119743	85.74%	9.461%
43	16.810	2328	2333	2334	rVV5	124279	205005	2.47%	0.272%
44	16.839	2334	2338	2342	rVV3	262936	445053	5.36%	0.591%
45	16.892	2342	2347	2361	rVB	338912	560952	6.76%	0.745%
46	17.075	2372	2378	2381	rBV2	1697679	2422230	29.17%	3.219%
47	17.116	2381	2385	2391	rVV	4141473	5722072	68.91%	7.604%
48	17.174	2391	2395	2396	rVV2	298261	407977	4.91%	0.542%
49	17.204	2396	2400	2406	rVV	1993234	2926593	35.24%	3.889%
50	17.269	2406	2411	2416	rVB5	68711	124998	1.51%	0.166%
51	17.480	2438	2447	2455	rBV2	386950	700196	8.43%	0.930%
52	17.580	2460	2464	2472	rBV3	198432	350539	4.22%	0.466%
53	17.651	2472	2476	2480	rBV2	142186	209599	2.52%	0.279%
54	17.798	2497	2501	2508	rVB2	56930	96504	1.16%	0.128%
55	17.945	2520	2526	2530	rBV	386808	557887	6.72%	0.741%
56	17.998	2530	2535	2542	rVB	521594	771305	9.29%	1.025%
57	18.074	2543	2548	2553	rBV	150124	225504	2.72%	0.300%
58	18.139	2553	2559	2564	rBV2	641995	1114556	13.42%	1.481%
59	18.180	2564	2566	2573	rVB	232189	257594	3.10%	0.342%
60	18.269	2577	2581	2585	rBV	187807	272878	3.29%	0.363%
61	18.345	2590	2594	2599	rBV3	87943	126772	1.53%	0.168%
62	18.451	2607	2612	2616	rBV3	231653	362824	4.37%	0.482%
63	18.492	2616	2619	2625	rVB2	280944	441044	5.31%	0.586%
64	18.698	2645	2654	2659	rBV5	145823	296739	3.57%	0.394%
65	18.751	2659	2663	2666	rVV	102889	148551	1.79%	0.197%
66	18.792	2666	2670	2673	rVB2	113113	142344	1.71%	0.189%
67	18.869	2677	2683	2687	rBV	199644	334229	4.03%	0.444%
68	18.910	2687	2690	2697	rVV5	182633	340030	4.09%	0.452%
69	19.016	2702	2708	2713	rBV	399951	587207	7.07%	0.780%
70	19.069	2713	2717	2723	rVV4	63290	126191	1.52%	0.168%
71	19.139	2723	2729	2736	rVV	6300725	8303740	100.00%	11.034%

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72	19.204	2736	2740	2742	rVV2	82220	111358	1.34%	0.148%
73	19.233	2742	2745	2750	rVB2	83934	124943	1.50%	0.166%
74	19.345	2758	2764	2765	rBV6	66657	113731	1.37%	0.151%
75	19.380	2766	2770	2773	rVV	178098	254080	3.06%	0.338%
76	19.468	2779	2785	2786	rBV	1018956	1195729	14.40%	1.589%
77	19.498	2786	2790	2798	rVV	4092604	5985374	72.08%	7.953%
78	19.568	2798	2802	2809	rVB3	180401	290791	3.50%	0.386%
79	19.680	2814	2821	2827	rBV	258679	419321	5.05%	0.557%
80	19.739	2827	2831	2837	rVB2	137505	216514	2.61%	0.288%
81	19.827	2839	2846	2853	rBV4	221184	580560	6.99%	0.771%
82	19.992	2871	2874	2878	rVB2	272635	390102	4.70%	0.518%
83	20.098	2888	2892	2895	rBV	131989	156205	1.88%	0.208%
84	20.151	2895	2901	2905	rVV2	236718	410029	4.94%	0.545%
85	20.192	2905	2908	2912	rVV2	135019	161290	1.94%	0.214%
86	20.292	2921	2925	2928	rBV	121404	158166	1.90%	0.210%
87	20.339	2929	2933	2937	rVB2	131740	173656	2.09%	0.231%
88	20.745	2998	3002	3007	rVB	320875	408289	4.92%	0.543%
89	20.910	3024	3030	3033	rBV3	220560	403446	4.86%	0.536%
90	20.951	3033	3037	3040	rVV	222338	303420	3.65%	0.403%
91	20.986	3040	3043	3048	rVV2	201018	335706	4.04%	0.446%
92	21.039	3048	3052	3057	rVB	271113	367148	4.42%	0.488%
93	21.262	3083	3090	3094	rBV2	2751394	4643678	55.92%	6.171%
94	21.298	3094	3096	3104	rVB	960564	1159329	13.96%	1.541%
95	21.574	3140	3143	3148	rVB4	70913	104698	1.26%	0.139%
96	22.821	3350	3355	3360	rBV3	456291	957383	11.53%	1.272%
97	23.298	3432	3436	3440	rBV	141622	214043	2.58%	0.284%
98	23.345	3441	3444	3448	rVV2	161853	253421	3.05%	0.337%
99	23.392	3448	3452	3459	rVB	194094	358272	4.31%	0.476%
100	23.486	3462	3468	3475	rBV	1467922	2730364	32.88%	3.628%

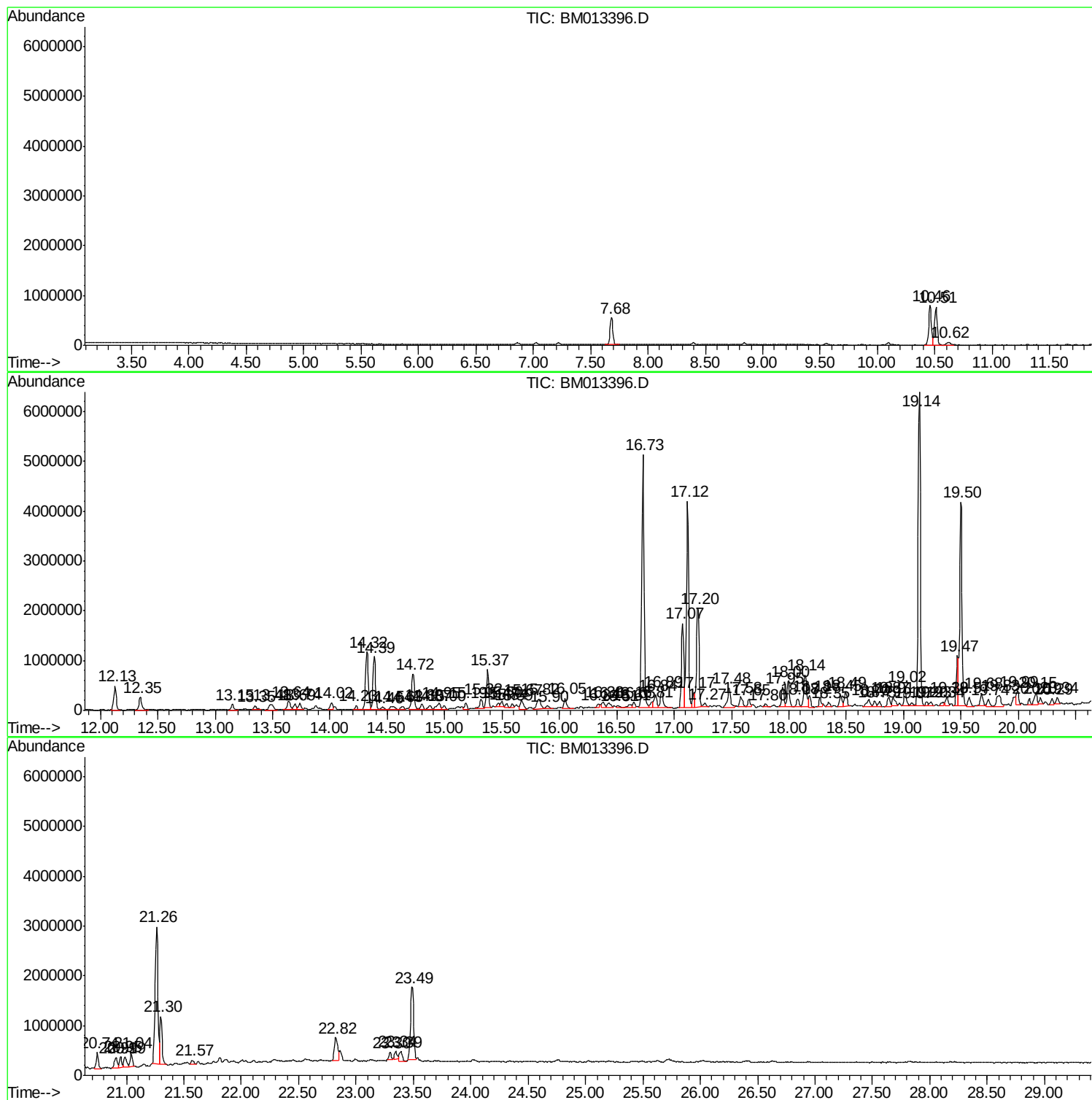
Sum of corrected areas: 75255289

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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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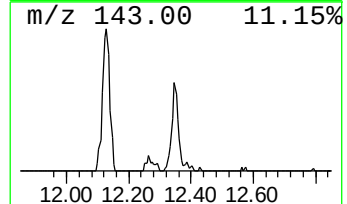
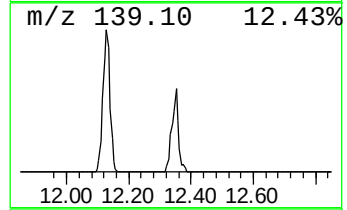
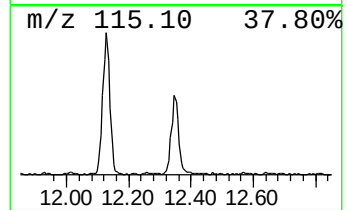
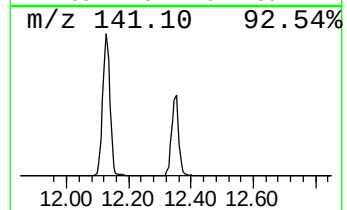
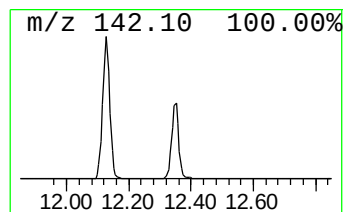
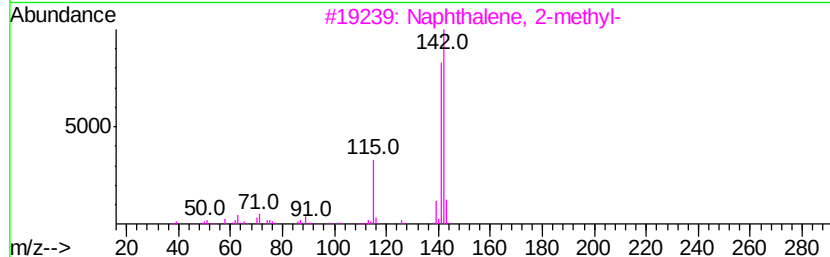
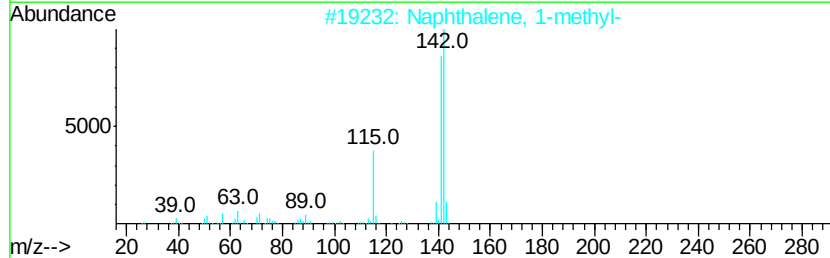
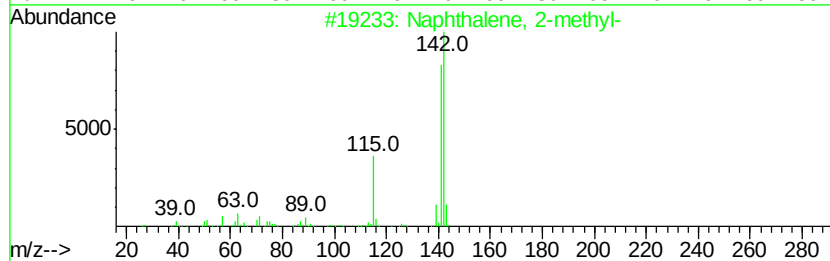
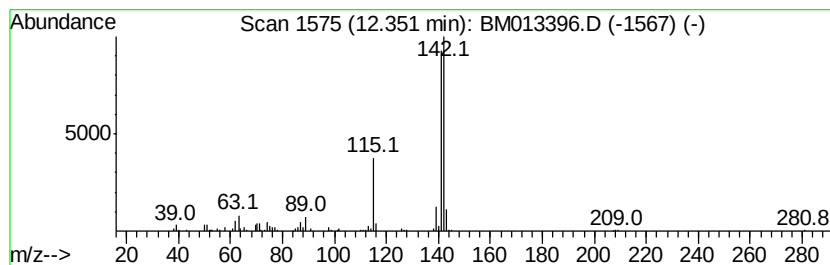
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	7.24 ng/ul	471244	Naphthalene-d8	10.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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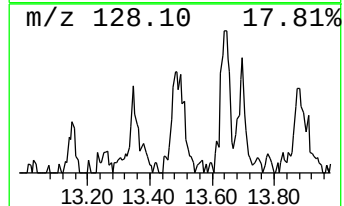
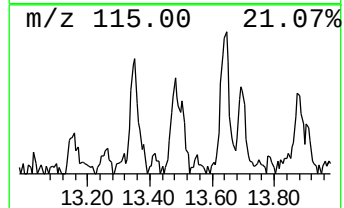
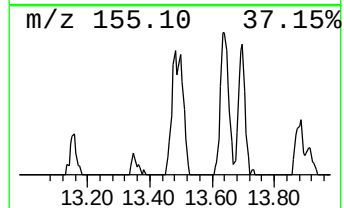
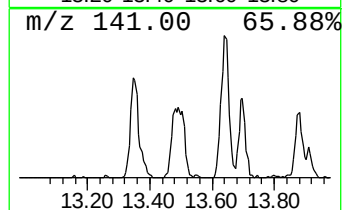
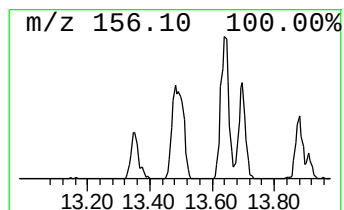
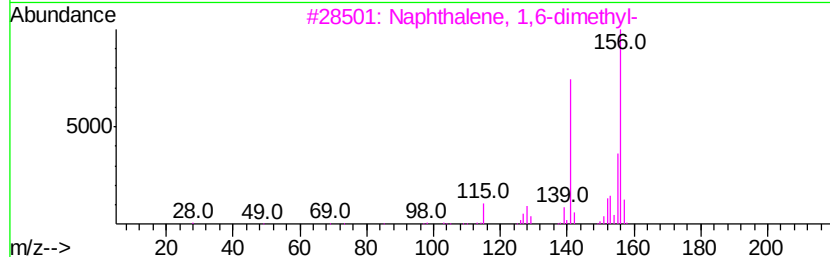
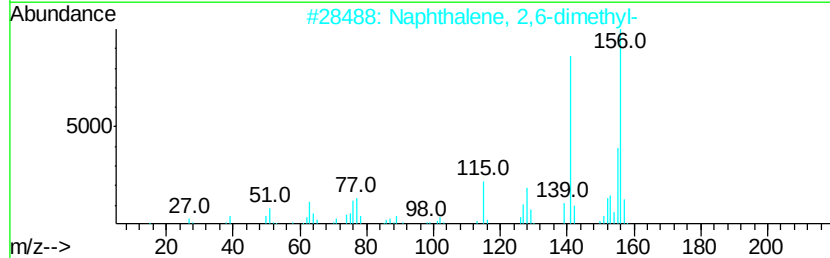
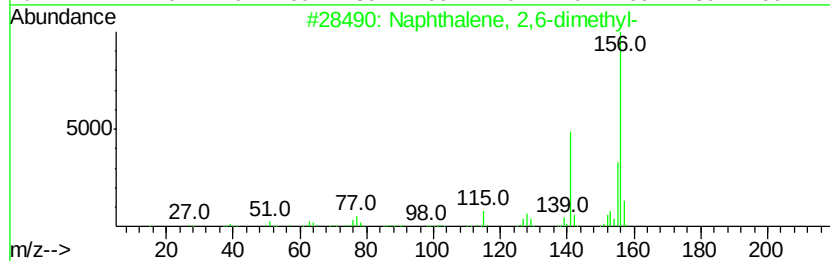
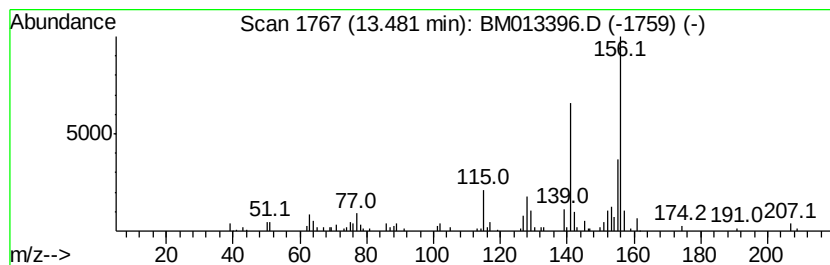
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Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	3.15 ng/ul	304524	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 94
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 93
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 93
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 93
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93



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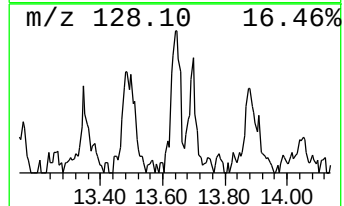
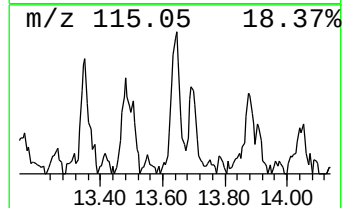
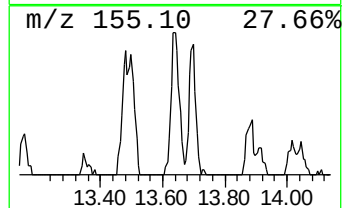
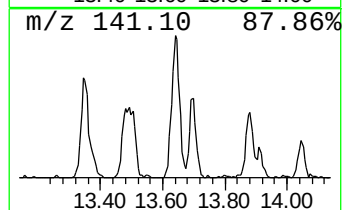
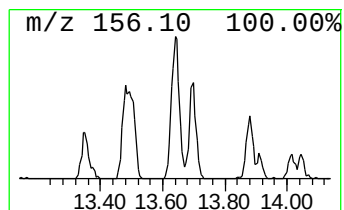
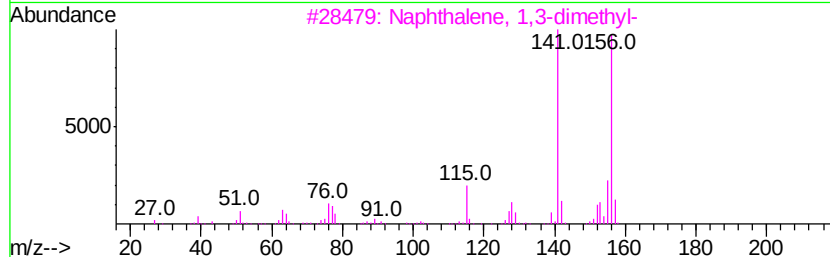
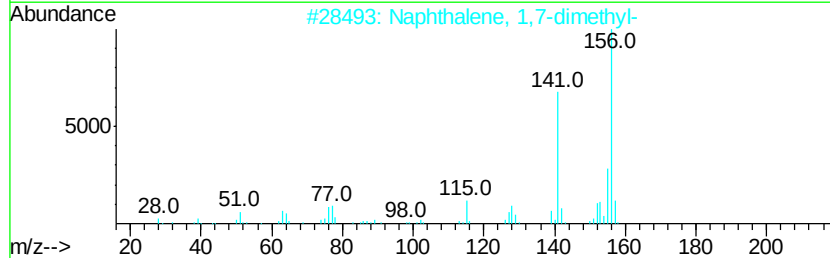
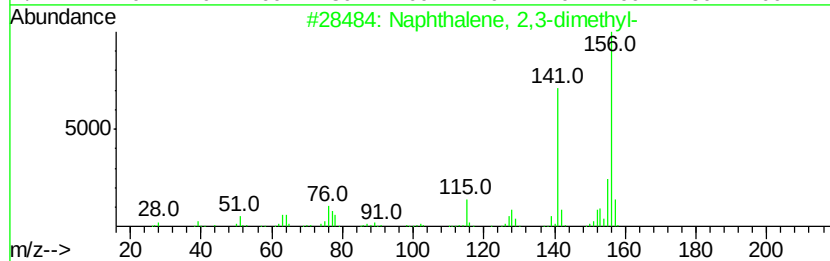
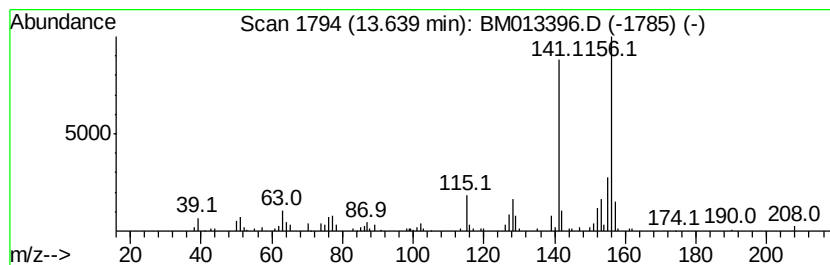
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.38 ng/ul	326510	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



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Sample : I6759-11ME 10X
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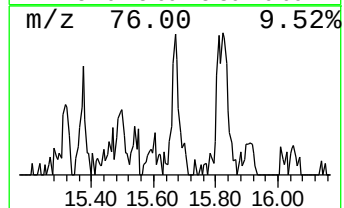
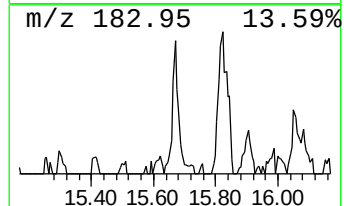
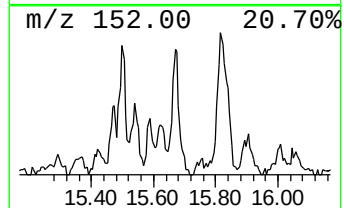
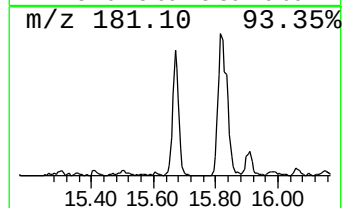
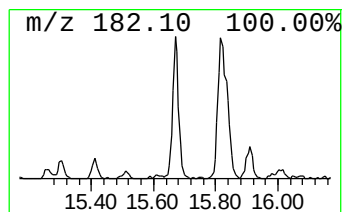
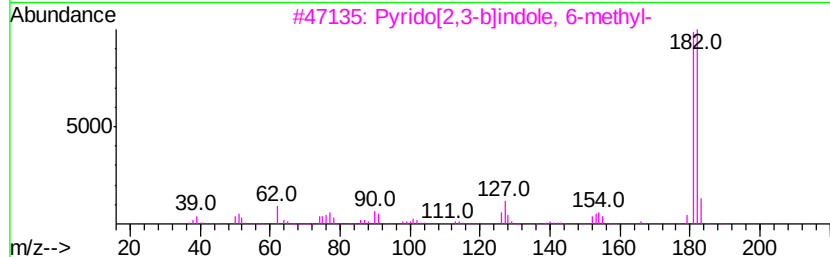
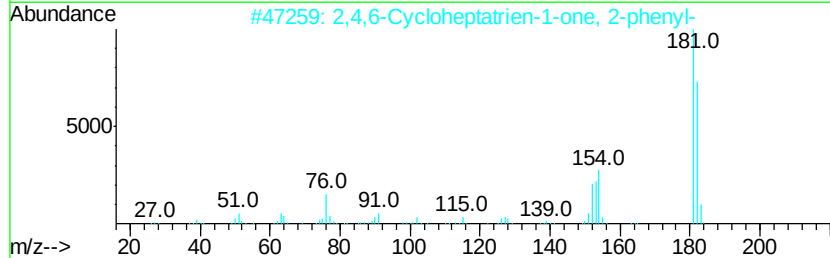
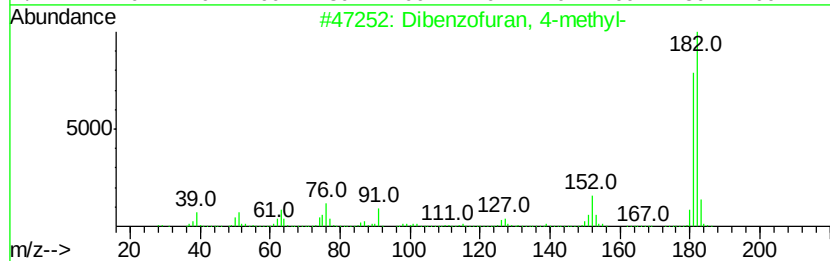
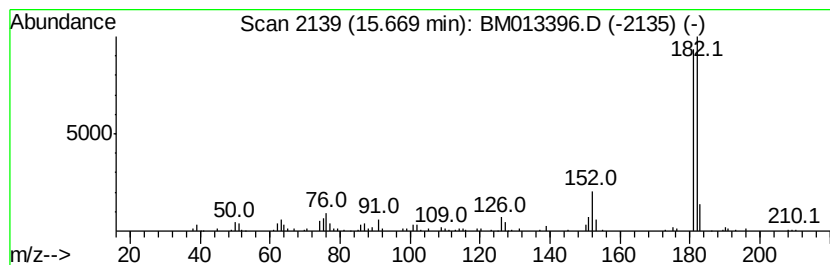
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.50 ng/ul	338886	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3		Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	80
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
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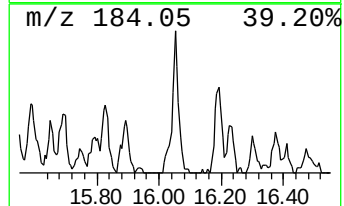
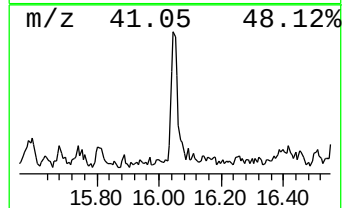
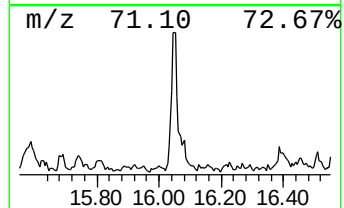
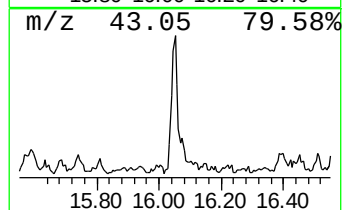
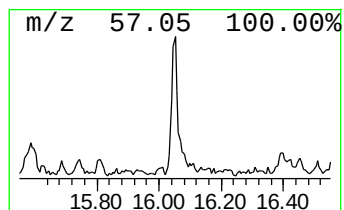
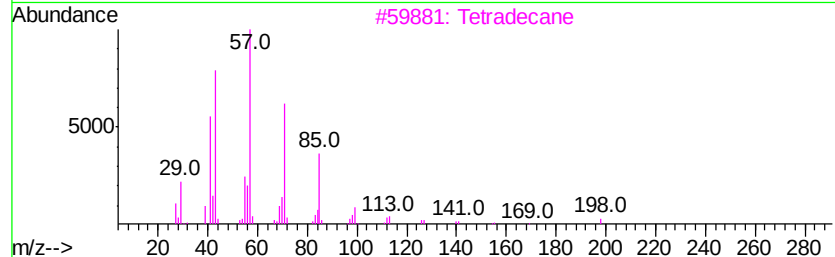
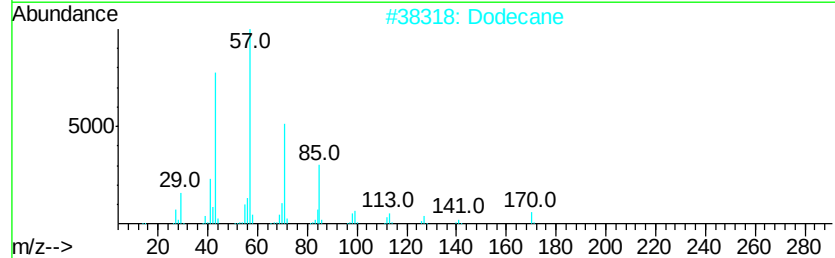
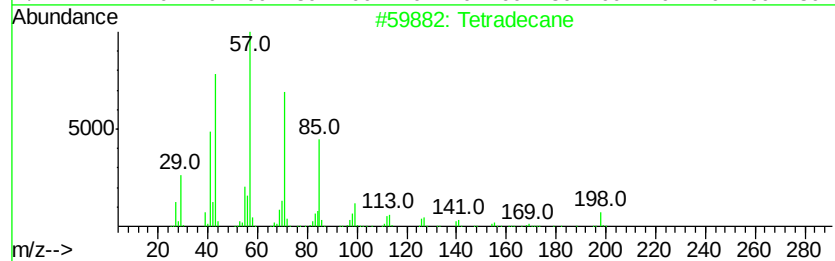
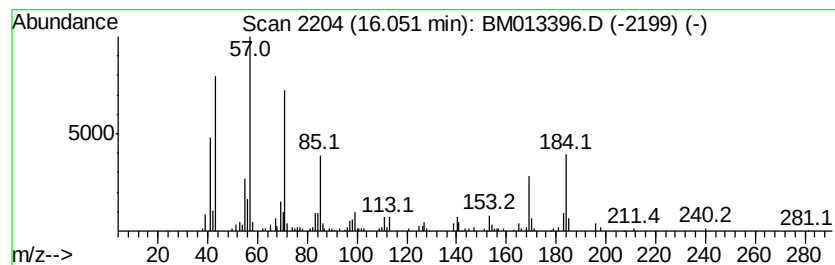
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.10 ng/ul	375738	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	78
2		Dodecane	170	C12H26	000112-40-3	78
3		Tetradecane	198	C14H30	000629-59-4	78
4		Heptadecane	240	C17H36	000629-78-7	70
5		Dodecane	170	C12H26	000112-40-3	60



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
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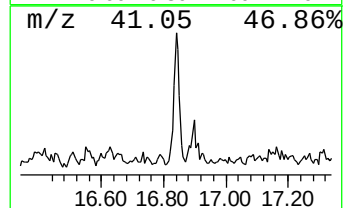
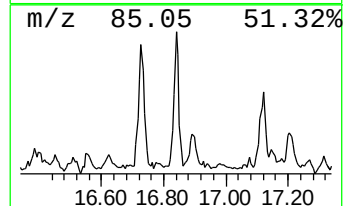
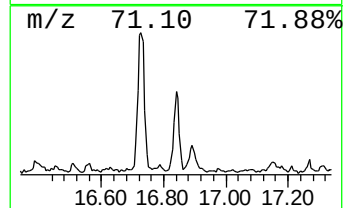
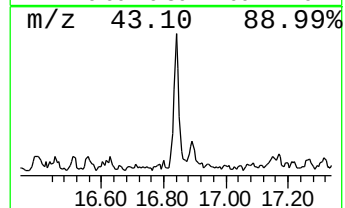
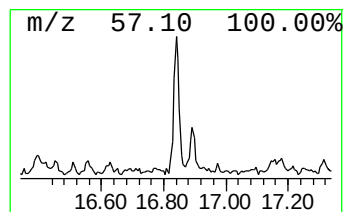
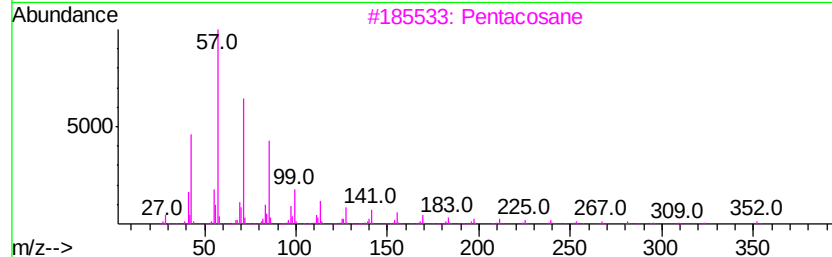
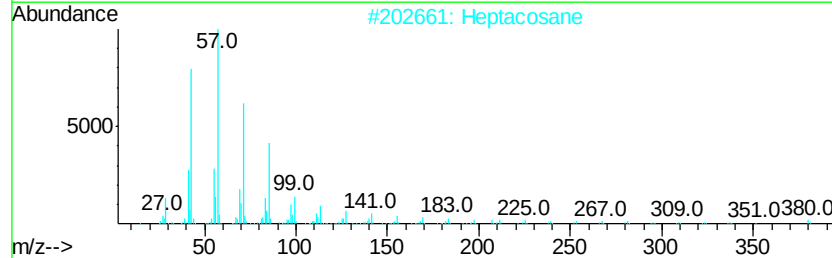
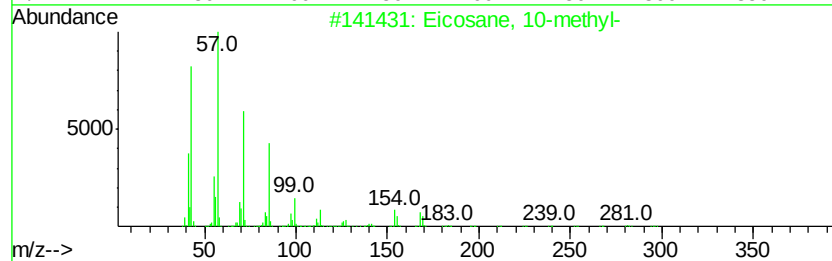
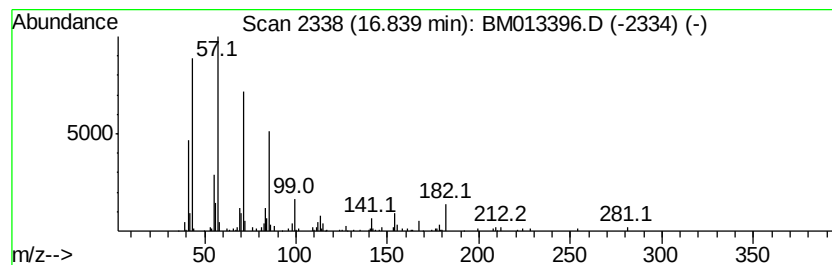
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.67 ng/ul	445053	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
2			Heptacosane	380	C27H56	000593-49-7	74
3			Pentacosane	352	C25H52	000629-99-2	72
4			Hexacosane	366	C26H54	000630-01-3	72
5			Octadecane	254	C18H38	000593-45-3	72



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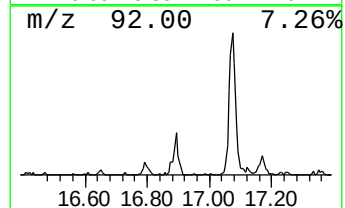
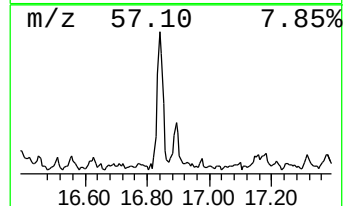
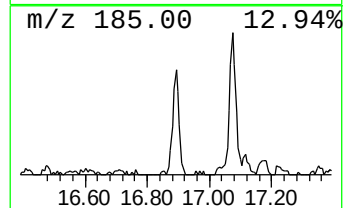
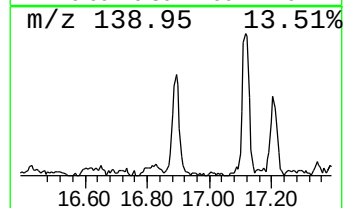
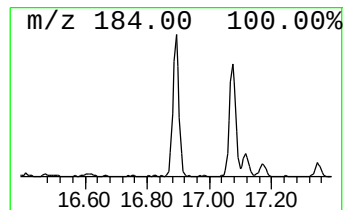
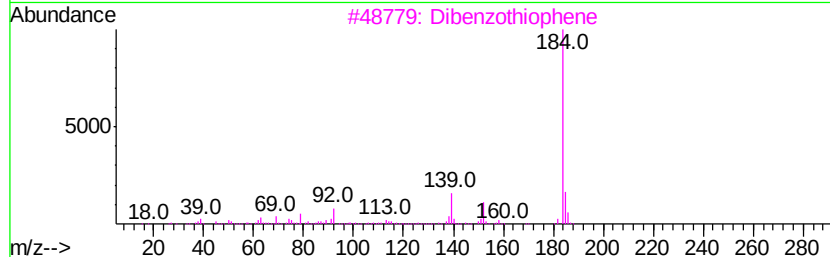
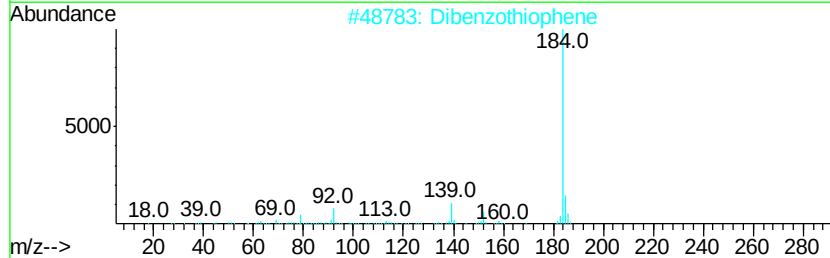
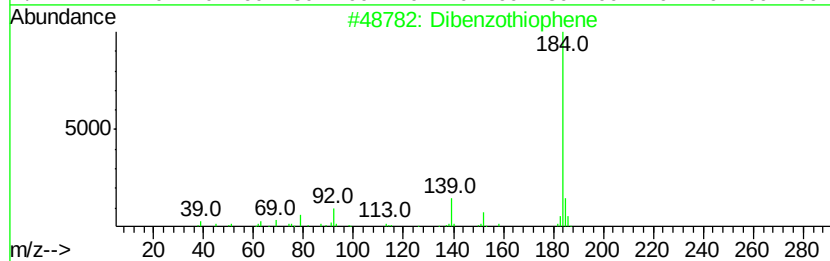
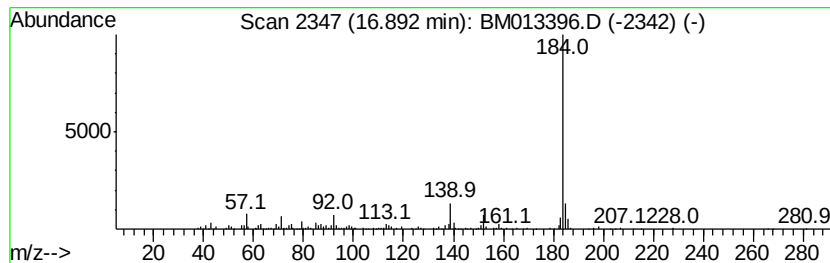
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	4.63 ng/ul	560952	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5		Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
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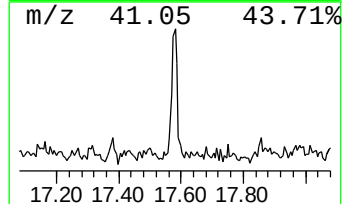
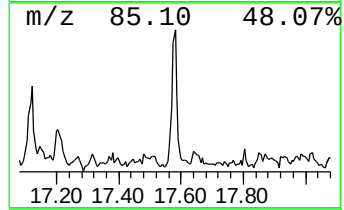
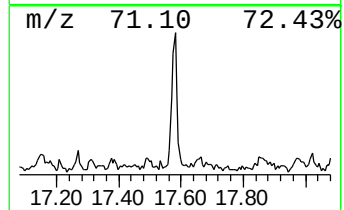
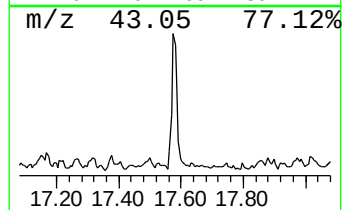
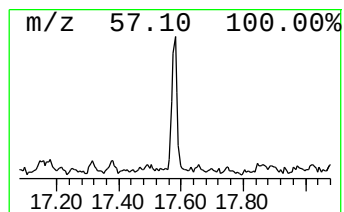
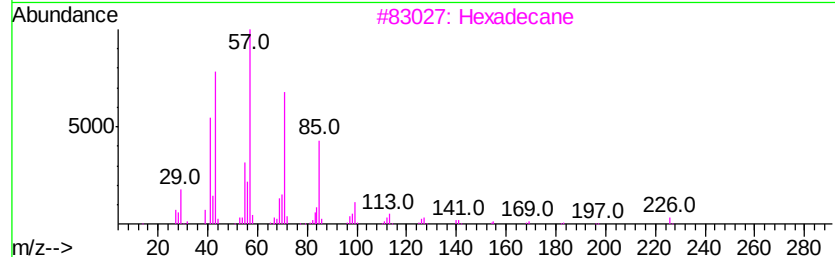
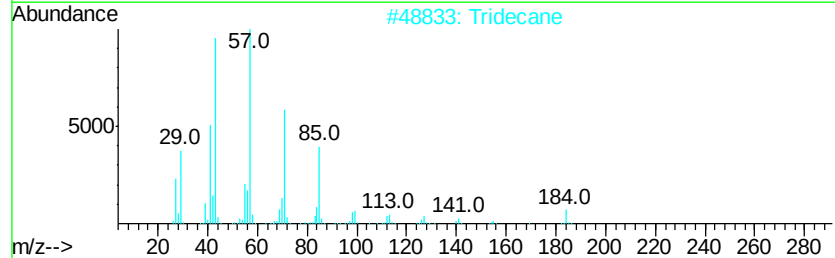
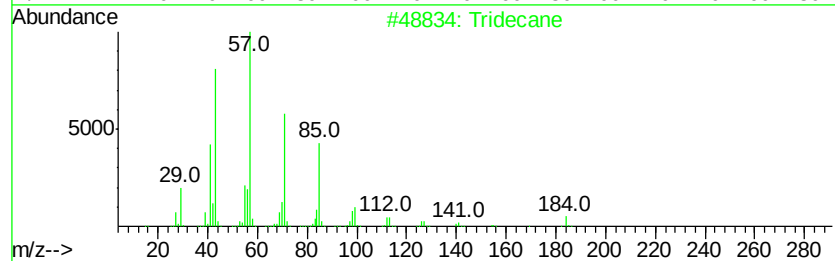
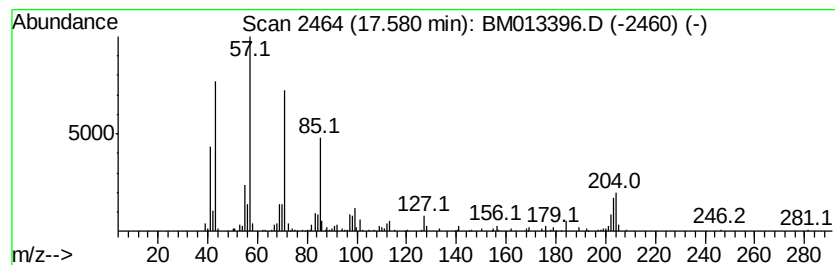
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	2.89 ng/ul	350539	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			Tridecane	184	C13H28	000629-50-5	70
3			Hexadecane	226	C16H34	000544-76-3	58
4			Nonadecane	268	C19H40	000629-92-5	58
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58



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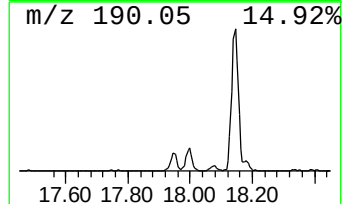
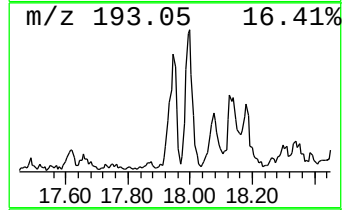
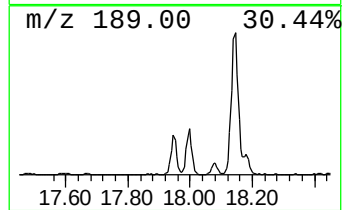
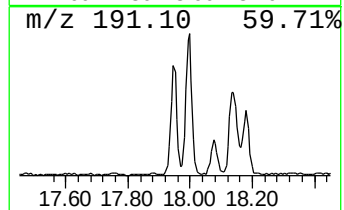
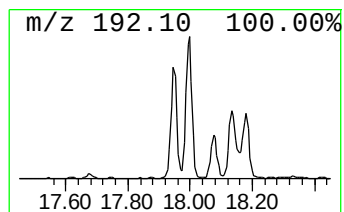
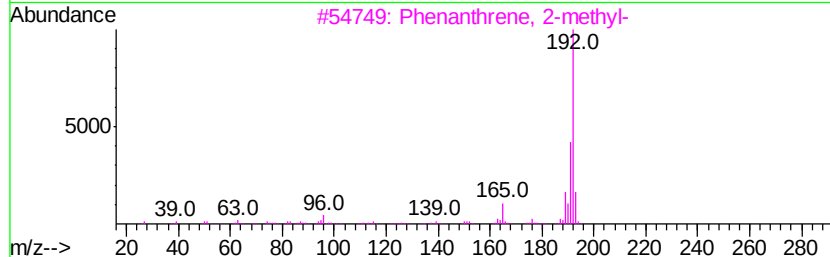
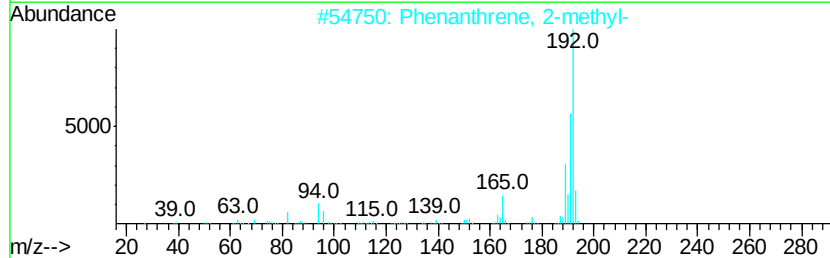
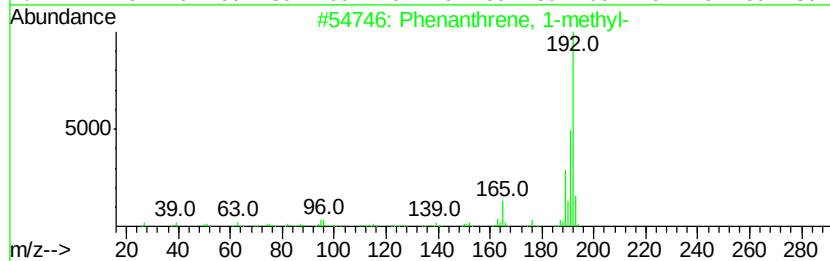
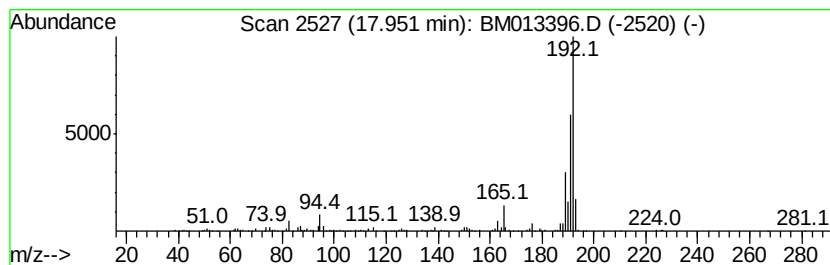
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.95	4.61 ng/ul	557887	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
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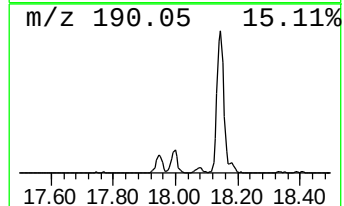
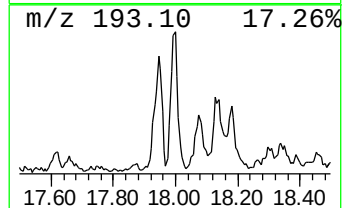
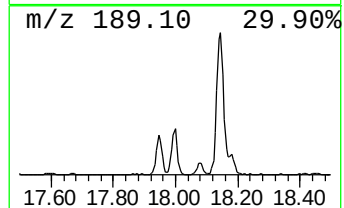
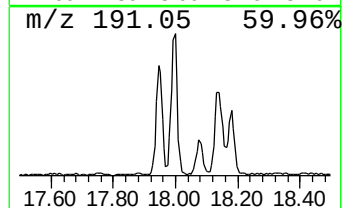
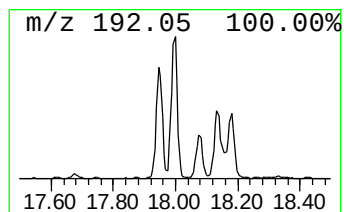
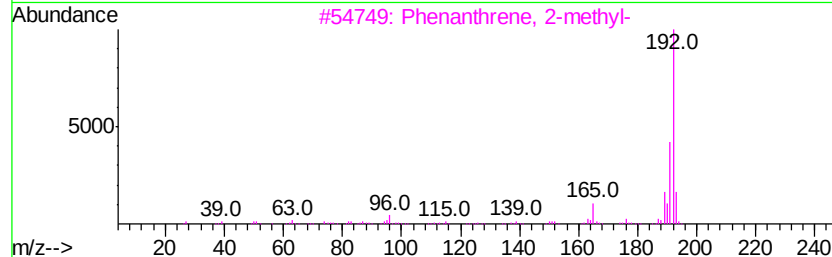
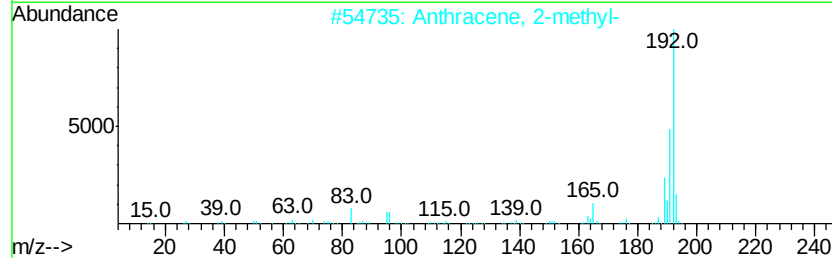
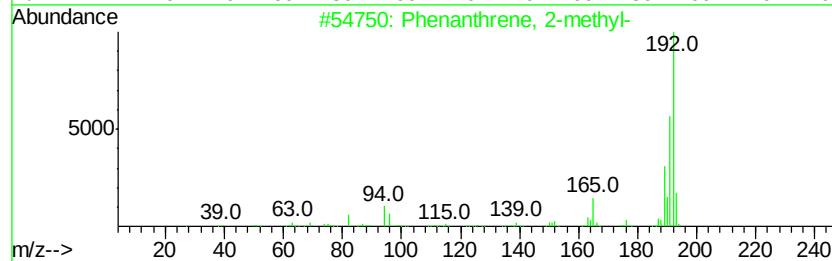
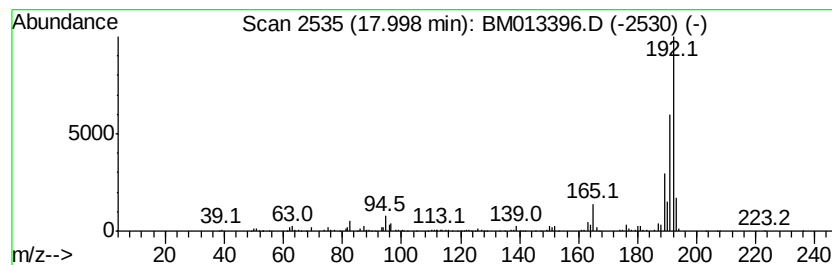
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	6.37 ng/ul	771305	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
Acq On : 14 Dec 2017 04:29
Operator : SJ/JU
Sample : I6759-11ME 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

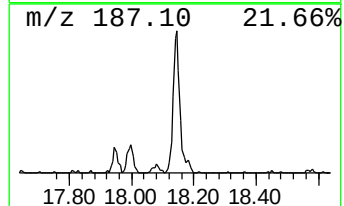
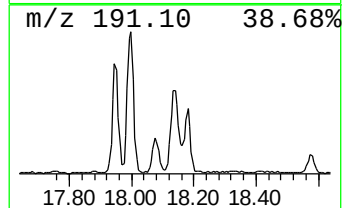
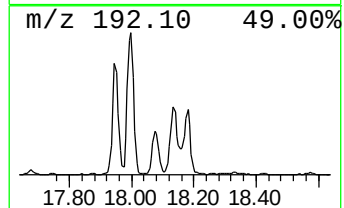
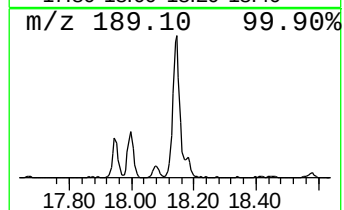
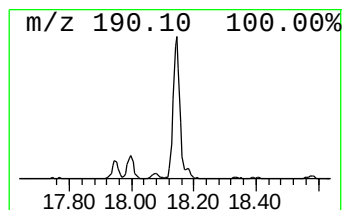
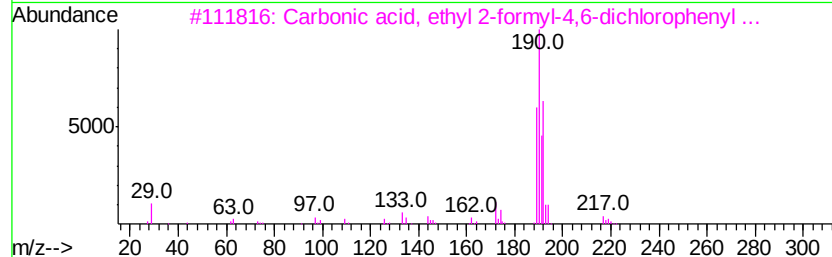
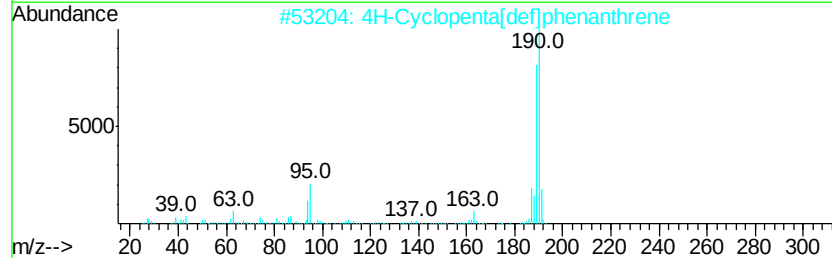
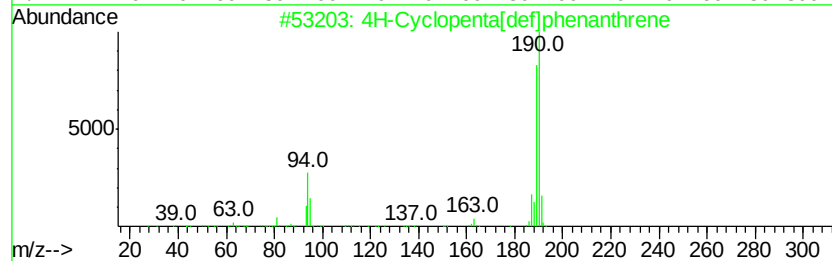
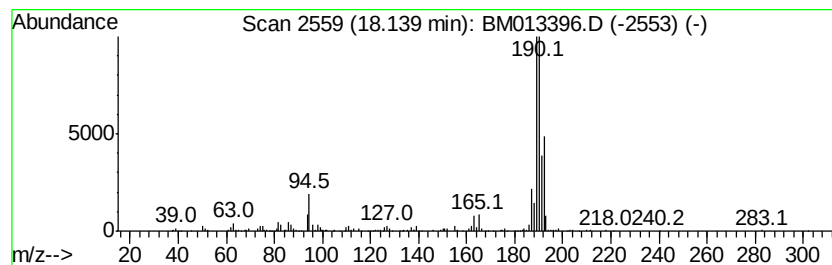
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.14	9.20 ng/ul	1114560	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42



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Sample : I6759-11ME 10X
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ALS Vial : 31 Sample Multiplier: 1

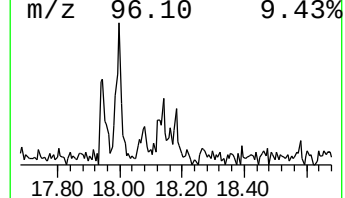
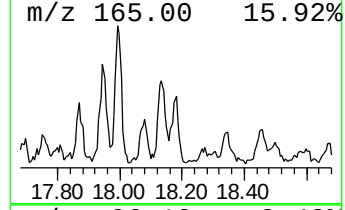
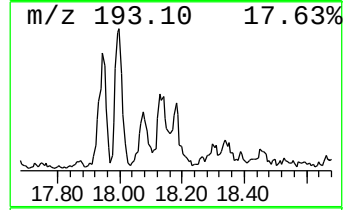
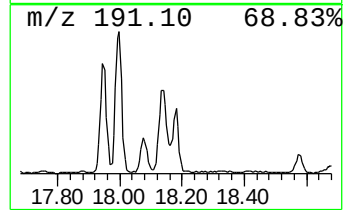
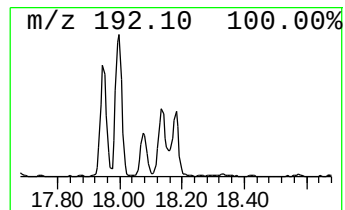
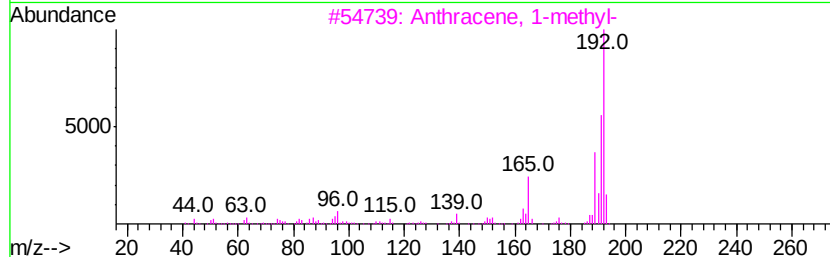
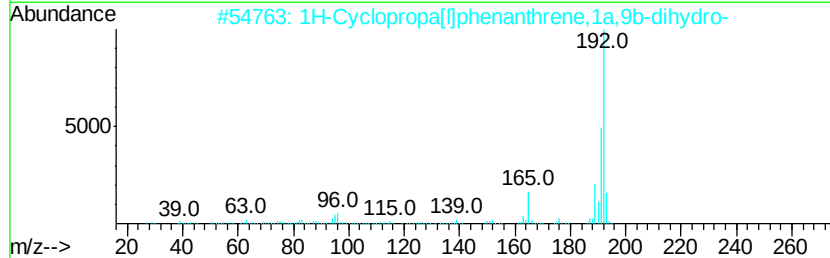
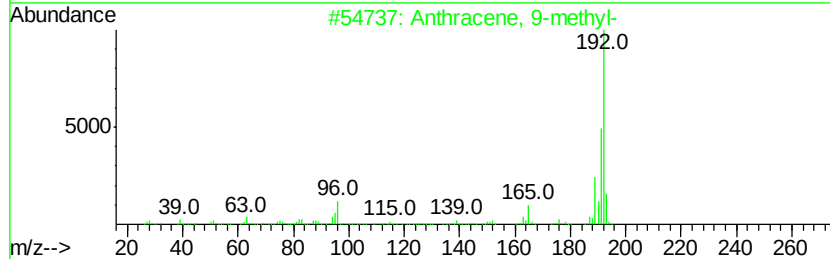
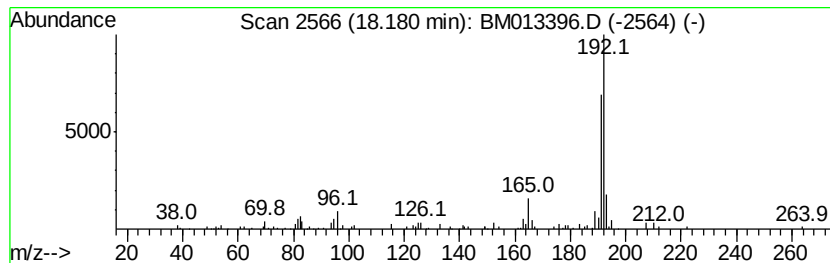
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.18	2.13 ng/ul	257594	Phenanthrene-d10	17.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
Acq On : 14 Dec 2017 04:29
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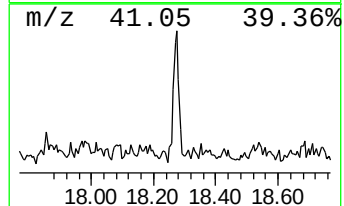
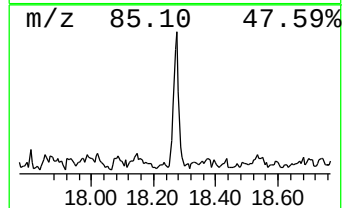
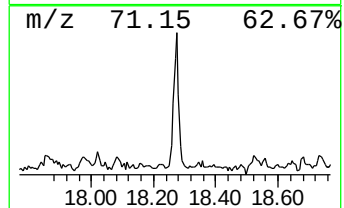
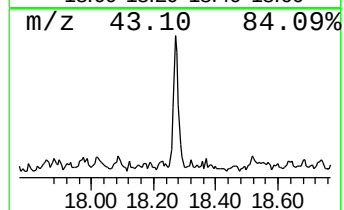
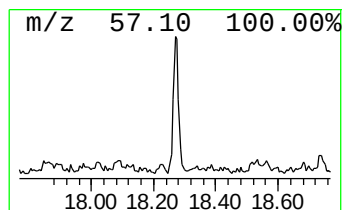
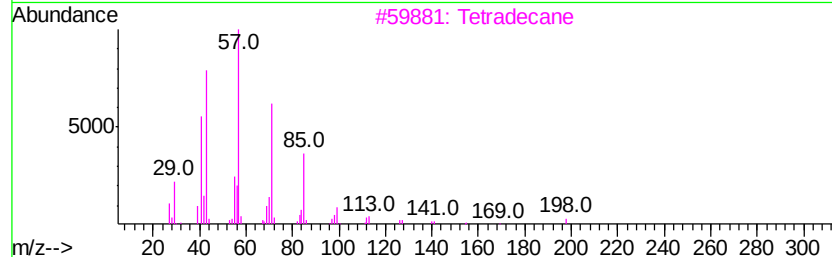
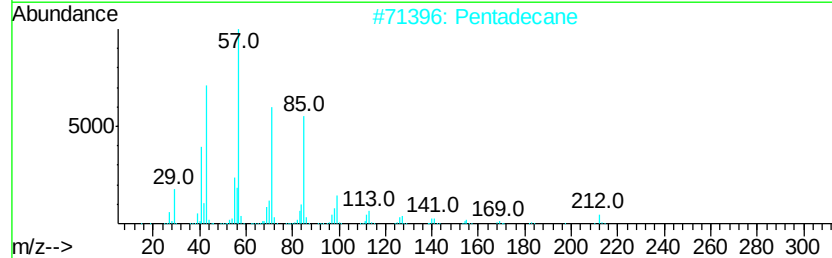
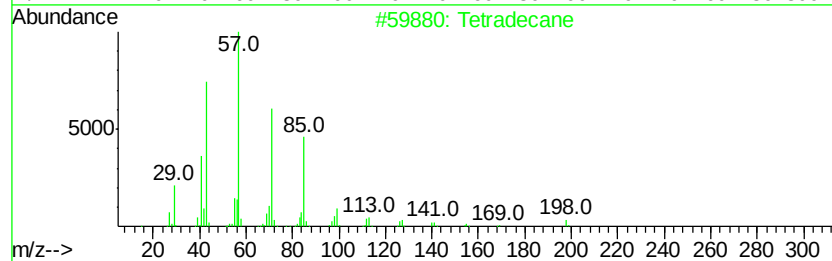
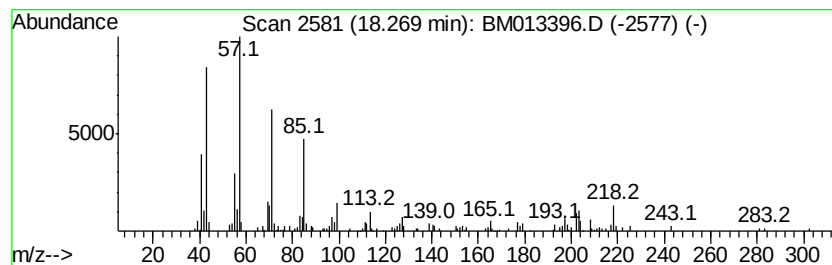
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.25 ng/ul	272878	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Pentadecane	212	C15H32	000629-62-9	89
3			Tetradecane	198	C14H30	000629-59-4	89
4			Heneicosane	296	C21H44	000629-94-7	68
5			Heptadecane	240	C17H36	000629-78-7	68



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
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Sample : I6759-11ME 10X
Misc :
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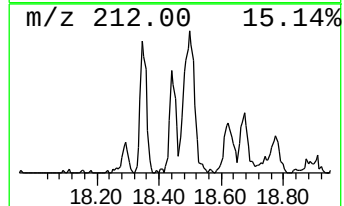
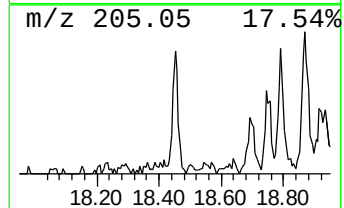
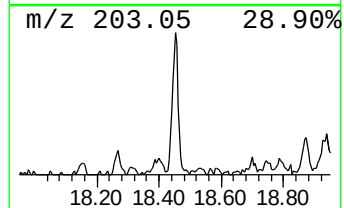
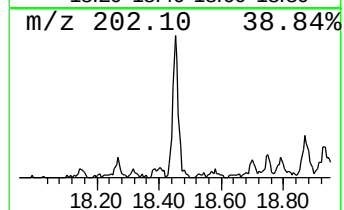
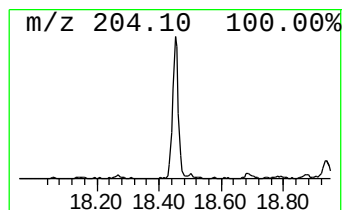
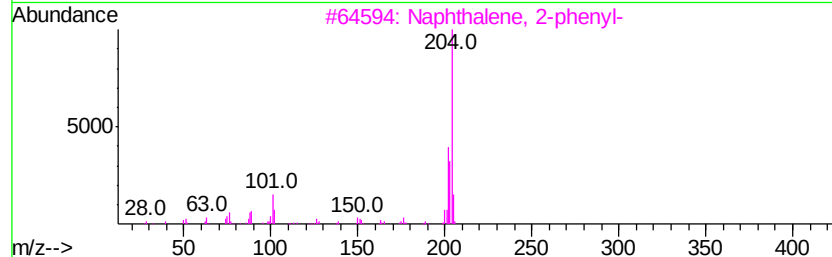
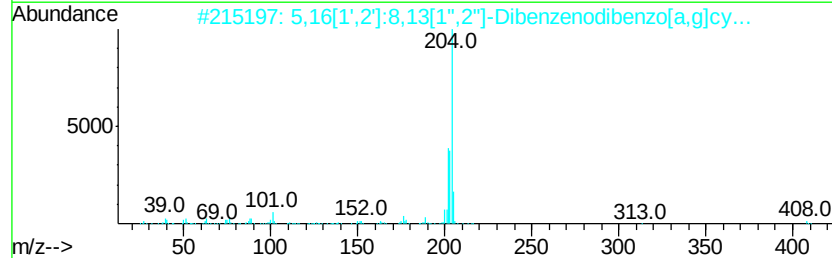
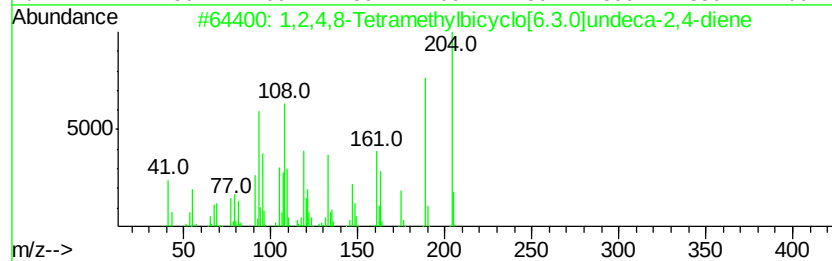
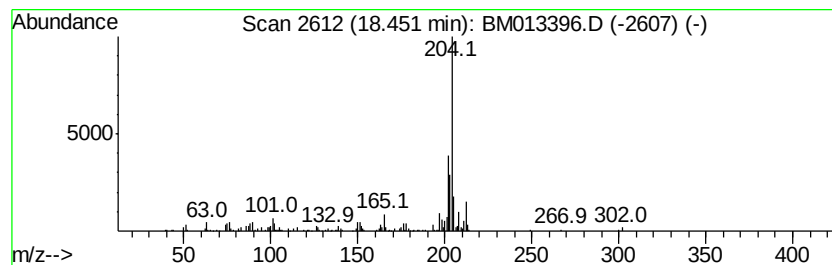
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.45	3.00 ng/ul	362824	Phenanthrene-d10	17.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24		137235-51-9	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24		005672-97-9	59
3	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	55
4	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	55
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12		006572-60-7	55



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
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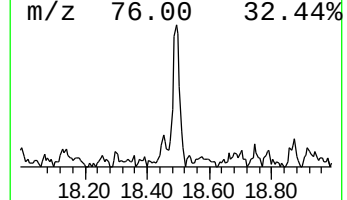
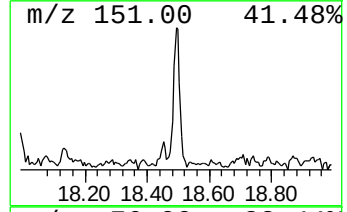
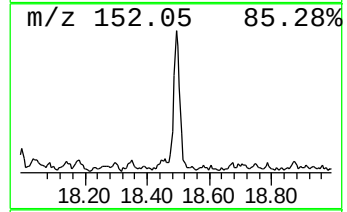
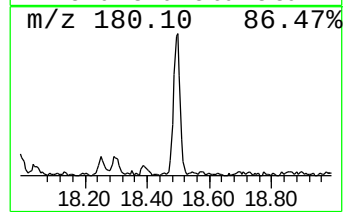
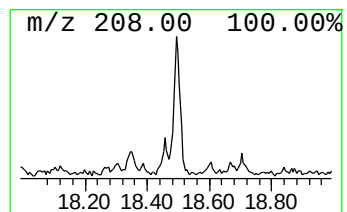
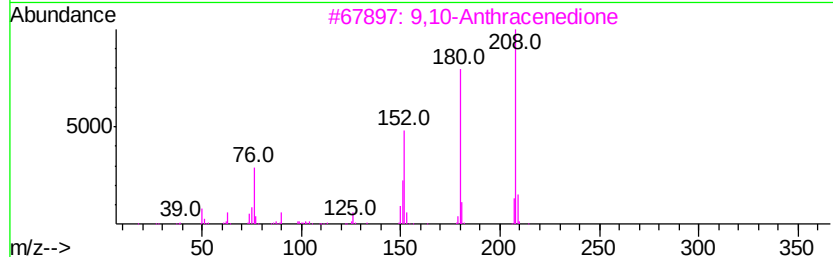
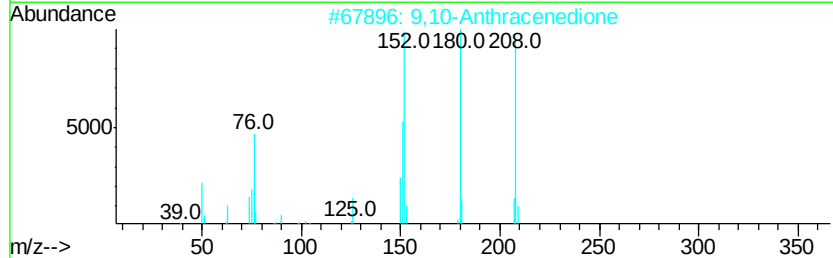
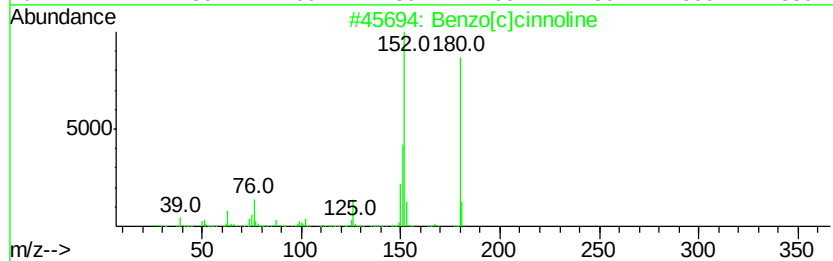
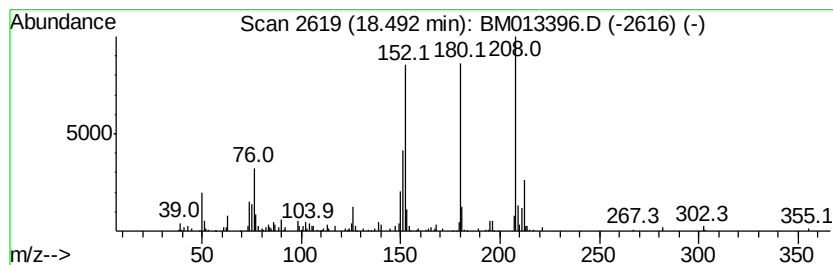
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzo[c]cinnoline Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.64 ng/ul	441044	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	64
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
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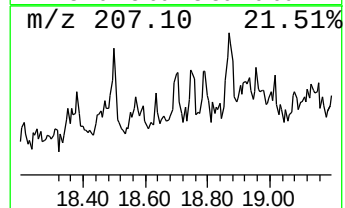
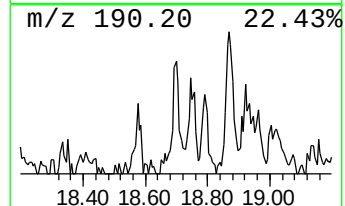
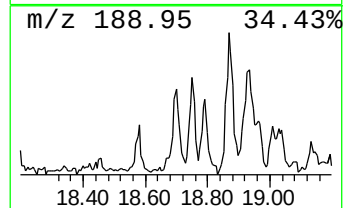
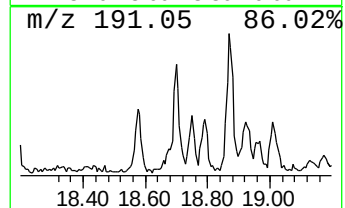
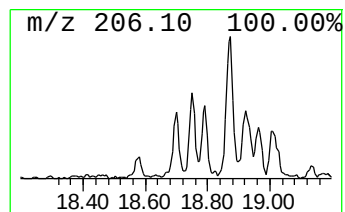
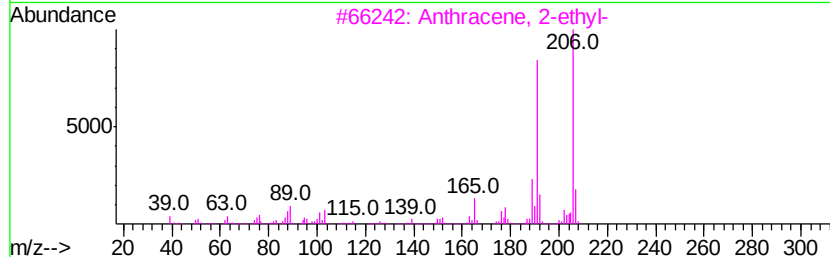
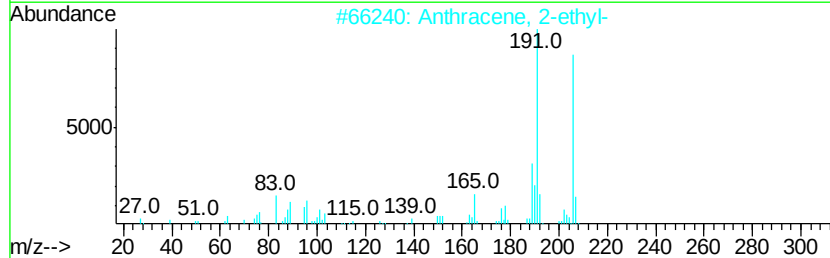
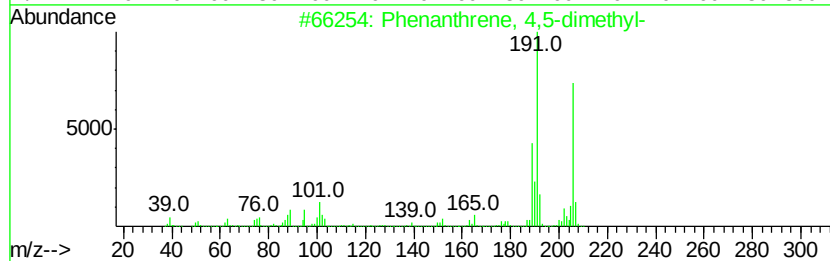
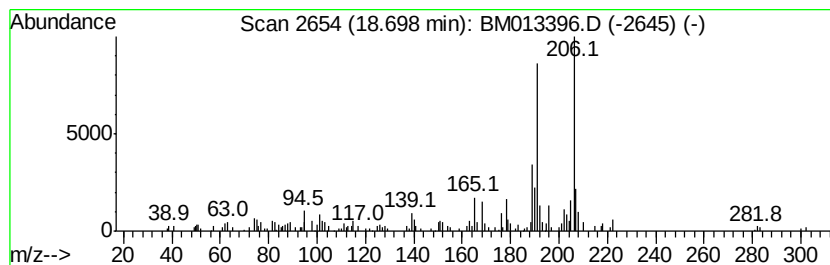
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.70	2.45 ng/ul	296739	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
Acq On : 14 Dec 2017 04:29
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
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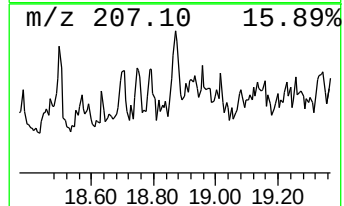
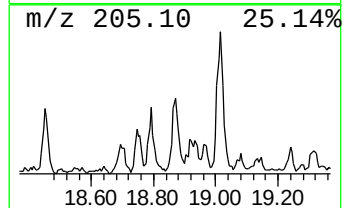
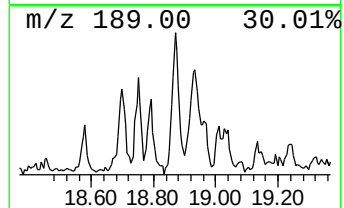
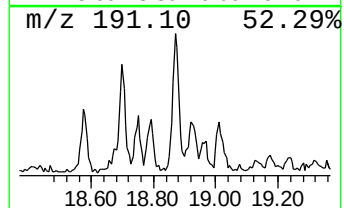
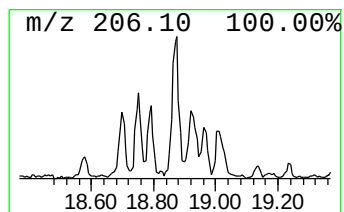
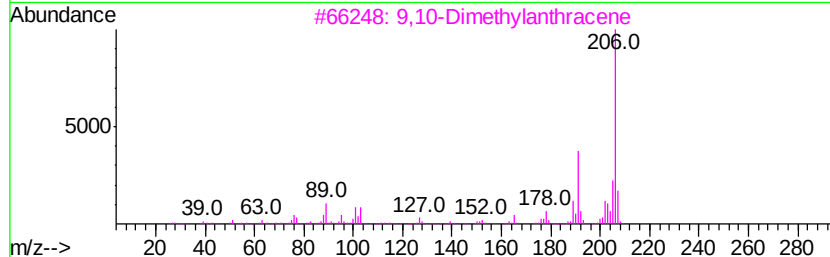
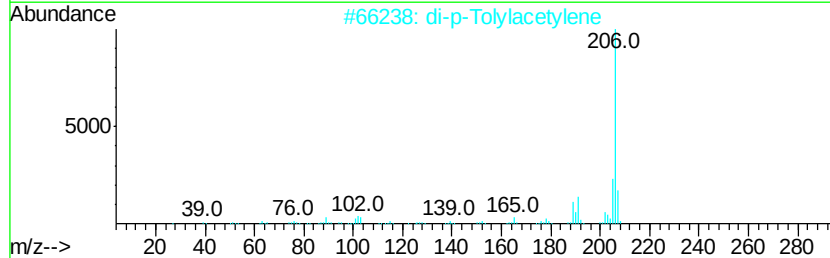
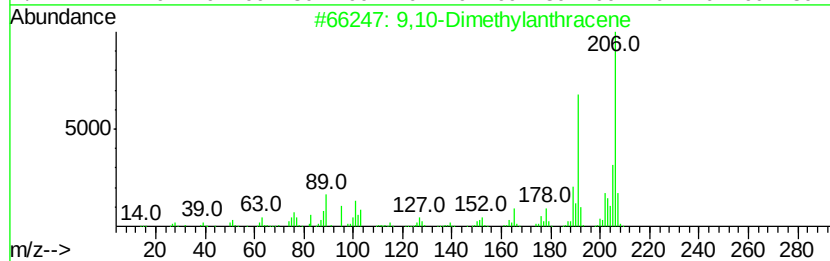
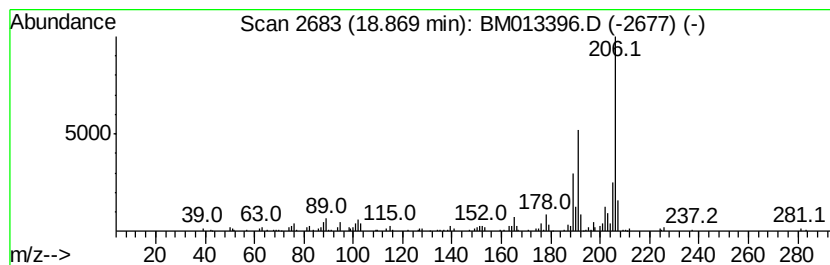
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9,10-Dimethylantracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.76 ng/ul	334229	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
Acq On : 14 Dec 2017 04:29
Operator : SJ/JU
Sample : I6759-11ME 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A19ME

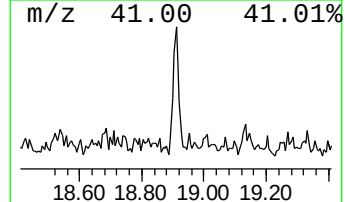
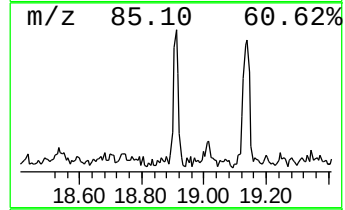
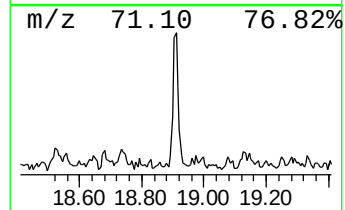
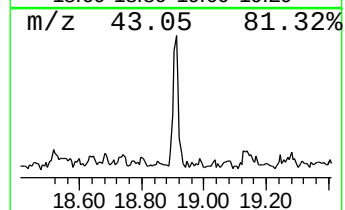
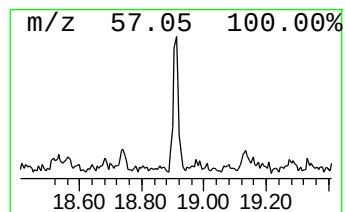
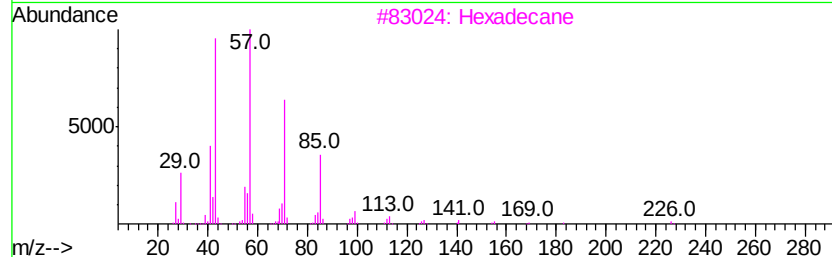
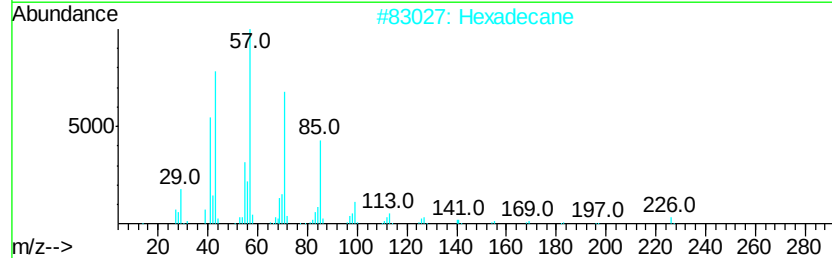
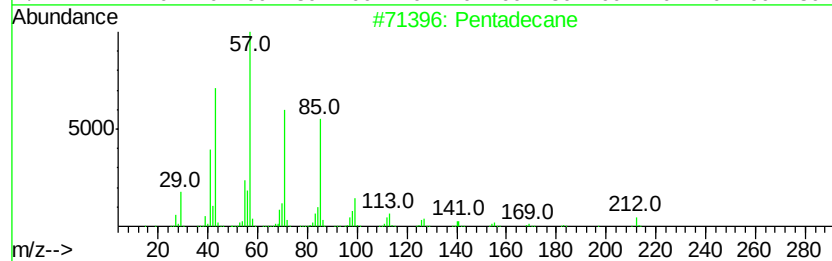
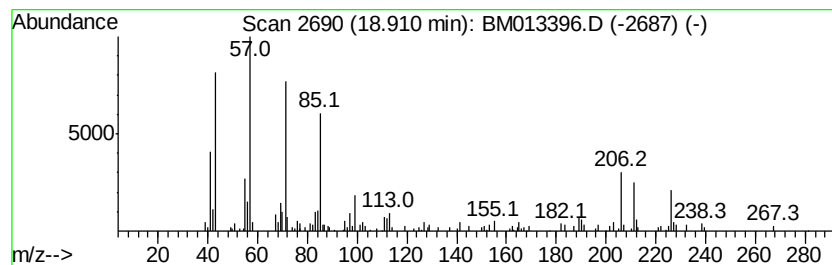
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.81 ng/ul	340030	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	83
2			Hexadecane	226	C16H34	000544-76-3	76
3			Hexadecane	226	C16H34	000544-76-3	64
4			Heptadecane	240	C17H36	000629-78-7	58
5			Octacosane	394	C28H58	000630-02-4	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
Acq On : 14 Dec 2017 04:29
Operator : SJ/JU
Sample : I6759-11ME 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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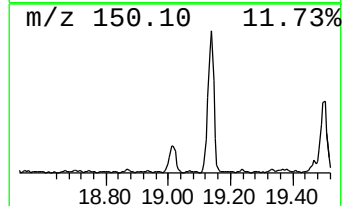
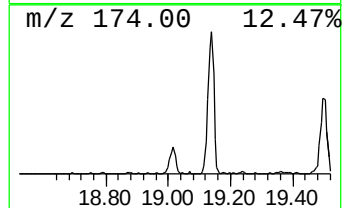
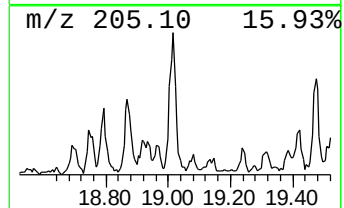
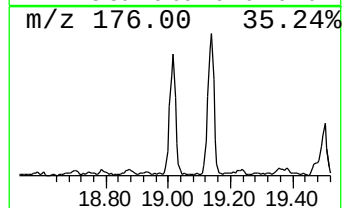
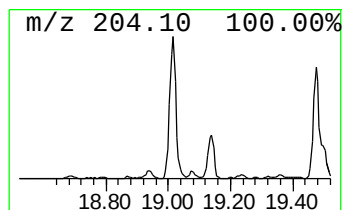
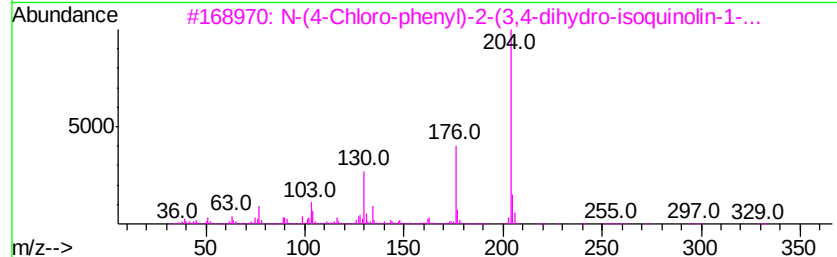
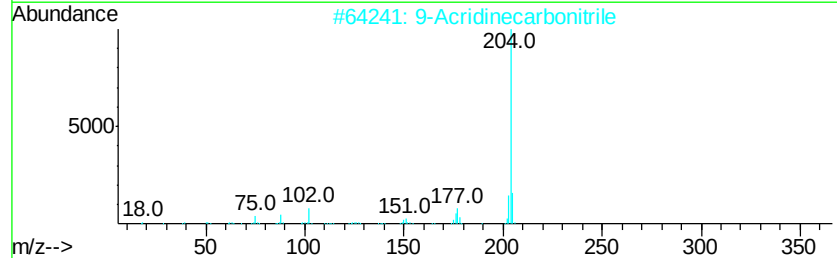
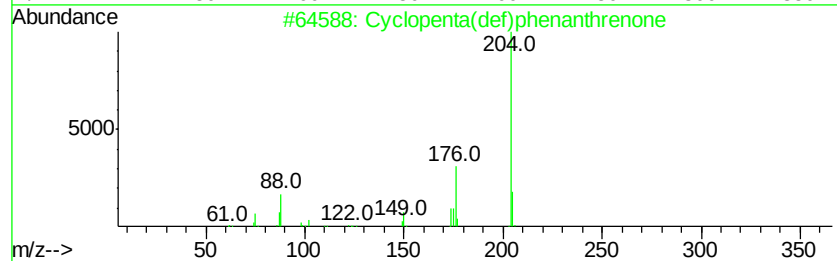
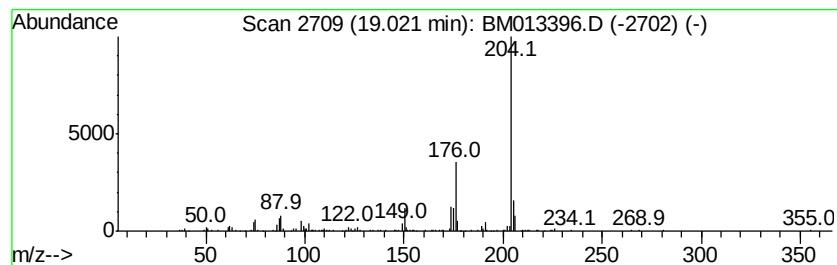
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	4.85 ng/ul	587207	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
3		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013396.D
Acq On : 14 Dec 2017 04:29
Operator : SJ/JU
Sample : I6759-11ME 10X
Misc :
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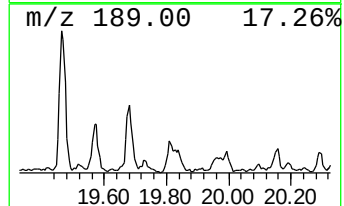
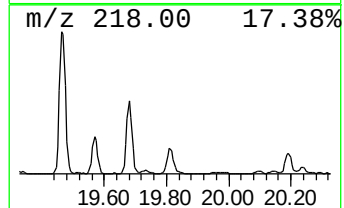
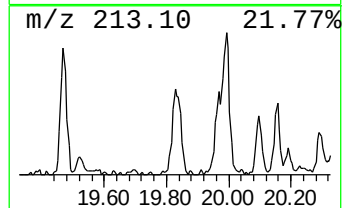
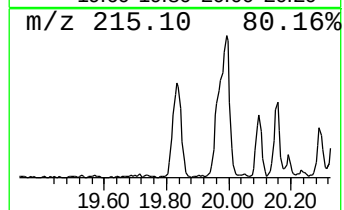
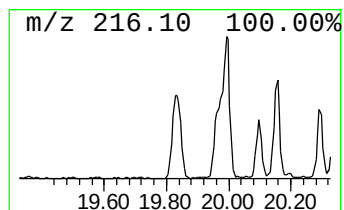
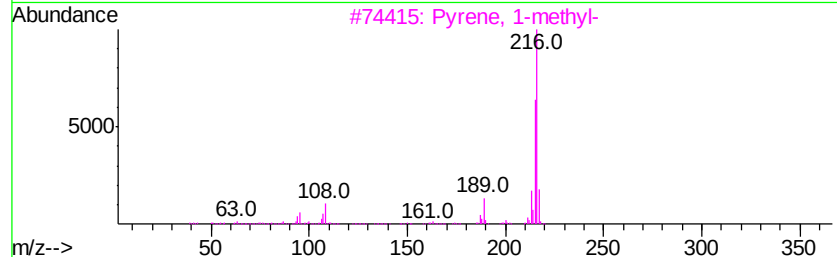
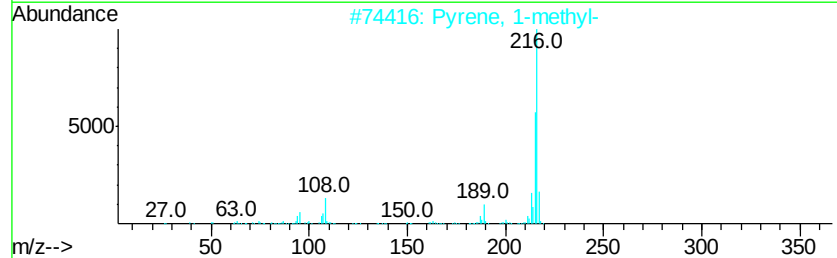
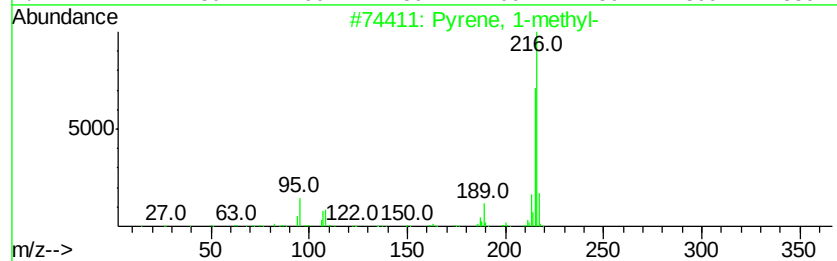
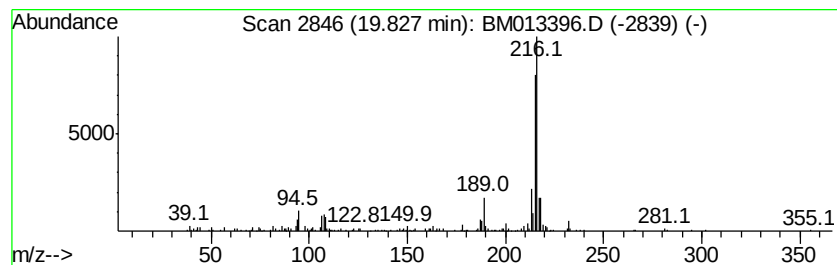
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.50 ng/ul	580560	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM121317\
 Data File : BM013396.D
 Acq On : 14 Dec 2017 04:29
 Operator : SJ/JU
 Sample : I6759-11ME 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
Naphthalene, 1-me...	12.35	7.2	ng/ul	471244	2	10.46	1302550	20.0
Naphthalene, 2,6-...	13.48	3.1	ng/ul	304524	3	14.32	1933910	20.0
Naphthalene, 2,3-...	13.64	3.4	ng/ul	326510	3	14.32	1933910	20.0
Dibenzofuran, 4-m...	15.67	3.5	ng/ul	338886	3	14.32	1933910	20.0
(DEL) Alkane: Str...	16.05	3.1	ng/ul	375738	4	17.07	2422230	20.0
(DEL) Alkane: Str...	16.84	3.7	ng/ul	445053	4	17.07	2422230	20.0
Dibenzothiophene	16.89	4.6	ng/ul	560952	4	17.07	2422230	20.0
(DEL) Alkane: Str...	17.58	2.9	ng/ul	350539	4	17.07	2422230	20.0
Phenanthrene, 1-m...	17.95	4.6	ng/ul	557887	4	17.07	2422230	20.0
Phenanthrene, 2-m...	18.00	6.4	ng/ul	771305	4	17.07	2422230	20.0
4H-Cyclopenta[def...	18.14	9.2	ng/ul	1114560	4	17.07	2422230	20.0
Anthracene, 9-met...	18.18	2.1	ng/ul	257594	4	17.07	2422230	20.0
(DEL) Alkane: Str...	18.27	2.3	ng/ul	272878	4	17.07	2422230	20.0
1,2,4,8-Tetrameth...	18.45	3.0	ng/ul	362824	4	17.07	2422230	20.0
Benzo[c]cinnoline	18.49	3.6	ng/ul	441044	4	17.07	2422230	20.0
Phenanthrene, 4,5...	18.70	2.5	ng/ul	296739	4	17.07	2422230	20.0
9,10-Dimethylanthe...	18.87	2.8	ng/ul	334229	4	17.07	2422230	20.0
(DEL) Alkane: Str...	18.91	2.8	ng/ul	340030	4	17.07	2422230	20.0
Cyclopenta(def)ph...	19.02	4.8	ng/ul	587207	4	17.07	2422230	20.0
Pyrene, 1-methyl-	19.83	2.5	ng/ul	580560	5	21.26	4643680	20.0