

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013234.D
 Acq On : 07 Dec 2017 05:52
 Operator : SJ/JU
 Sample : I6647-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0280

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	3.746	108	112	117	rVB3	53472	73963	1.05%	0.070%
2	6.881	638	645	657	rVB	1202288	2093478	29.81%	1.985%
3	7.040	666	672	681	rBV	859062	1340637	19.09%	1.271%
4	7.240	698	706	715	rBV	1235278	1986702	28.29%	1.883%
5	7.698	778	784	792	rBV	1073529	1723233	24.53%	1.634%
6	8.410	898	905	914	rBV	1500809	2432932	34.64%	2.306%
7	8.851	973	980	989	rBV	1172443	1971279	28.07%	1.869%
8	9.569	1095	1102	1110	rBV	1016091	1677646	23.89%	1.590%
9	10.104	1186	1193	1209	rBV	1634691	2734244	38.93%	2.592%
10	10.481	1248	1257	1263	rBV	1480859	2506952	35.69%	2.376%
11	10.622	1269	1281	1291	rBV	1184713	2019975	28.76%	1.915%
12	12.369	1573	1578	1584	rVB2	56292	93066	1.33%	0.088%
13	13.169	1708	1714	1721	rVB2	90044	131541	1.87%	0.125%
14	13.516	1762	1773	1778	rBV4	32270	91379	1.30%	0.087%
15	13.663	1790	1798	1802	rBV3	95644	170529	2.43%	0.162%
16	13.757	1808	1814	1818	rBV	2616702	3498803	49.81%	3.317%
17	13.804	1818	1822	1830	rVB	608589	896879	12.77%	0.850%
18	13.898	1830	1838	1841	rBV2	48041	82628	1.18%	0.078%
19	14.033	1850	1861	1873	rBV	3143760	4774240	67.97%	4.526%
20	14.251	1892	1898	1902	rBV	157356	218036	3.10%	0.207%
21	14.345	1902	1914	1920	rVV2	2104072	3379432	48.11%	3.204%
22	14.404	1920	1924	1932	rVB	316289	499077	7.11%	0.473%
23	14.551	1943	1949	1960	rBV	1115440	1812704	25.81%	1.718%
24	14.651	1961	1966	1970	rVV2	88040	163079	2.32%	0.155%
25	14.704	1970	1975	1977	rVV5	62294	106216	1.51%	0.101%
26	14.745	1977	1982	1990	rVV2	114624	303003	4.31%	0.287%
27	14.810	1990	1993	1998	rVV4	41472	73639	1.05%	0.070%
28	15.204	2056	2060	2064	rVB	187144	228692	3.26%	0.217%
29	15.339	2074	2083	2088	rBV	3809080	5283394	75.22%	5.008%
30	15.392	2088	2092	2097	rVB	407412	539516	7.68%	0.511%
31	15.463	2097	2104	2110	rBV	790407	1204616	17.15%	1.142%
32	15.515	2110	2113	2116	rVV2	141679	184729	2.63%	0.175%
33	15.551	2116	2119	2125	rVV3	177940	297319	4.23%	0.282%
34	15.604	2125	2128	2132	rVV3	74132	106828	1.52%	0.101%

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35	15.763	2150	2155	2160	rBV7	52451	100745	1.43%	0.096%
36	15.939	2182	2185	2191	rVB2	60804	93769	1.34%	0.089%
37	16.068	2203	2207	2215	rVB2	171699	263003	3.74%	0.249%
38	16.374	2252	2259	2262	rBV3	175672	319238	4.55%	0.303%
39	16.445	2267	2271	2278	rBV4	188430	337622	4.81%	0.320%
40	16.545	2285	2288	2293	rVB2	95900	133920	1.91%	0.127%
41	16.598	2293	2297	2301	rBV5	67933	99924	1.42%	0.095%
42	16.662	2303	2308	2312	rVB4	85030	156080	2.22%	0.148%
43	16.745	2317	2322	2329	rVB	180637	264172	3.76%	0.250%
44	16.857	2332	2341	2345	rBV7	121420	254746	3.63%	0.241%
45	16.910	2346	2350	2354	rBV3	75803	113631	1.62%	0.108%
46	17.092	2375	2381	2384	rBV2	2612752	3799009	54.09%	3.601%
47	17.133	2384	2388	2392	rVV	2684142	3661735	52.13%	3.471%
48	17.186	2392	2397	2408	rVB	3886240	5997640	85.39%	5.685%
49	17.286	2409	2414	2417	rBV2	69625	110125	1.57%	0.104%
50	17.398	2431	2433	2437	rVB3	76471	95070	1.35%	0.090%
51	17.451	2437	2442	2444	rBV5	42710	82073	1.17%	0.078%
52	17.492	2445	2449	2454	rVB	203053	302791	4.31%	0.287%
53	17.609	2464	2469	2474	rBV3	95503	166119	2.37%	0.157%
54	17.668	2476	2479	2484	rVB6	62393	96800	1.38%	0.092%
55	17.962	2524	2529	2532	rBV	425489	650969	9.27%	0.617%
56	17.998	2532	2535	2543	rVB2	1084727	1835732	26.14%	1.740%
57	18.092	2548	2551	2555	rVV2	139561	235607	3.35%	0.223%
58	18.151	2556	2561	2566	rVV2	685139	1261235	17.96%	1.196%
59	18.198	2566	2569	2575	rVB	311783	420078	5.98%	0.398%
60	18.468	2611	2615	2618	rBV	246850	324688	4.62%	0.308%
61	18.509	2618	2622	2627	rVB	451611	624537	8.89%	0.592%
62	18.592	2633	2636	2643	rVB3	97389	159673	2.27%	0.151%
63	18.686	2648	2652	2654	rBV4	84124	117595	1.67%	0.111%
64	18.715	2654	2657	2660	rVV2	122544	146053	2.08%	0.138%
65	18.886	2681	2686	2691	rBV	342397	554189	7.89%	0.525%
66	18.945	2691	2696	2700	rVB3	124396	231476	3.30%	0.219%
67	19.027	2705	2710	2717	rBV4	218006	503537	7.17%	0.477%
68	19.151	2723	2731	2738	rVB	3078225	4173578	59.42%	3.956%
69	19.280	2746	2753	2759	rBV3	778537	1068082	15.21%	1.012%
70	19.351	2762	2765	2769	rVB3	94436	143664	2.05%	0.136%
71	19.433	2776	2779	2782	rVB3	110396	124159	1.77%	0.118%

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72	19.486	2782	2788	2791	rVV	4709135	7023702	100.00%	6.658%
73	19.515	2791	2793	2801	rVV	2897321	3432945	48.88%	3.254%
74	19.586	2802	2805	2811	rVB3	152985	250522	3.57%	0.237%
75	19.839	2844	2848	2854	rBV4	192108	450930	6.42%	0.427%
76	19.974	2867	2871	2872	rBV4	152535	192234	2.74%	0.182%
77	20.009	2874	2877	2881	rVB	403579	537747	7.66%	0.510%
78	20.109	2891	2894	2898	rVB	260600	322676	4.59%	0.306%
79	20.168	2900	2904	2908	rVV	368241	497417	7.08%	0.472%
80	20.203	2908	2910	2914	rVV3	129578	168594	2.40%	0.160%
81	20.309	2924	2928	2932	rBV	420786	551272	7.85%	0.523%
82	20.356	2932	2936	2940	rVB	320545	422824	6.02%	0.401%
83	20.756	3002	3004	3010	rVB	283249	341771	4.87%	0.324%
84	20.962	3037	3039	3041	rBV	177075	144080	2.05%	0.137%
85	20.997	3041	3045	3051	rVV2	1467738	1954973	27.83%	1.853%
86	21.280	3086	3093	3096	rBV2	3197407	5550778	79.03%	5.262%
87	21.315	3096	3099	3109	rVB	1231575	1602412	22.81%	1.519%
88	22.844	3354	3359	3363	rBV	1016854	1802145	25.66%	1.708%
89	23.374	3443	3449	3453	rBV2	2217045	3988738	56.79%	3.781%
90	23.509	3468	3472	3478	rVB2	1450259	2531424	36.04%	2.400%

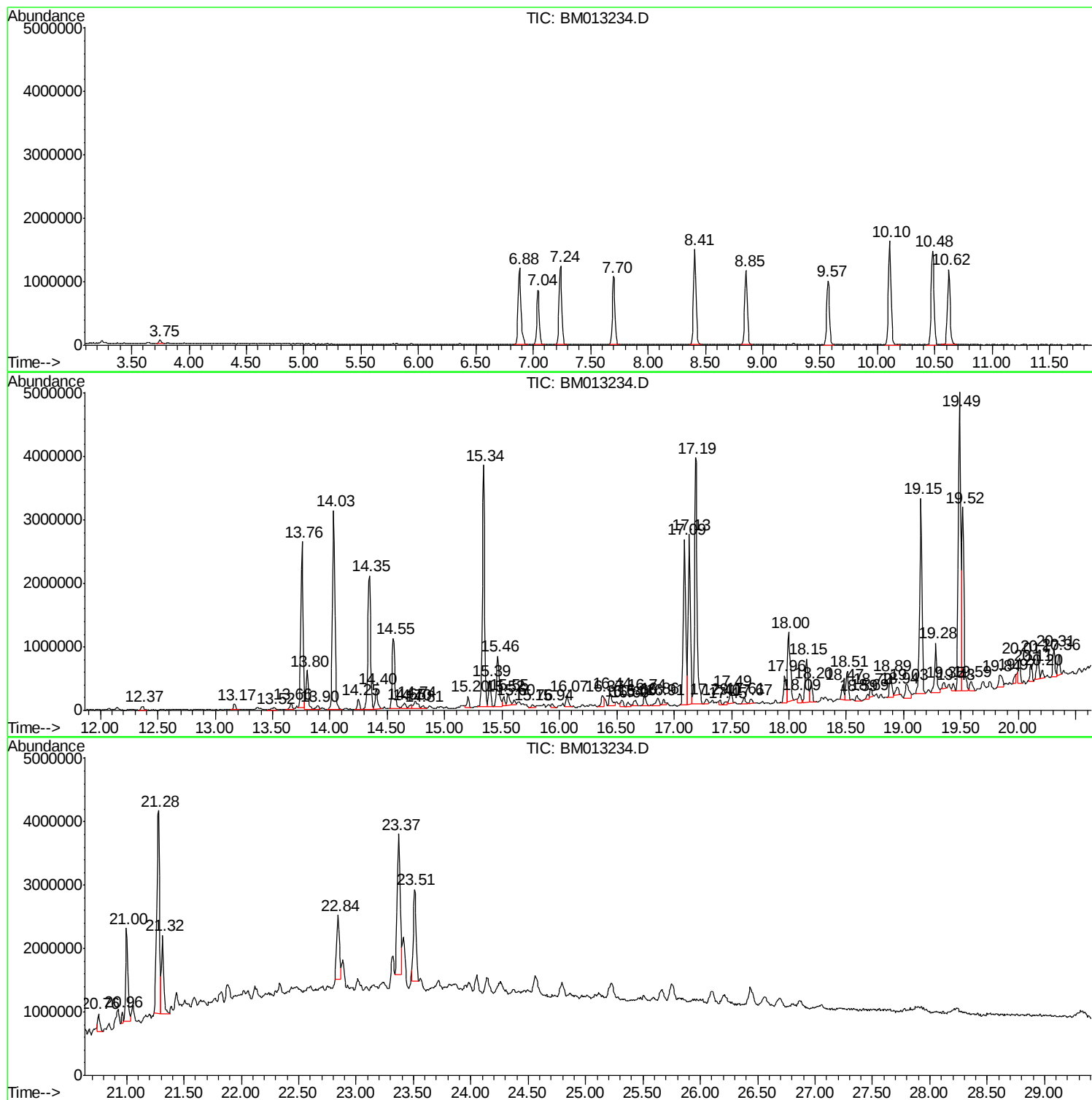
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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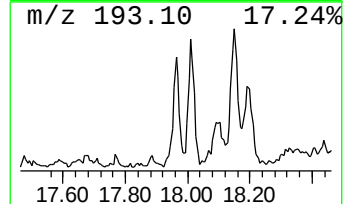
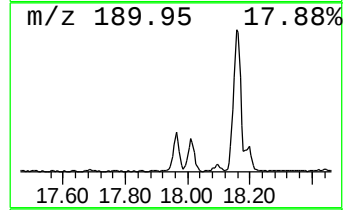
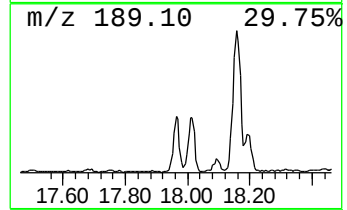
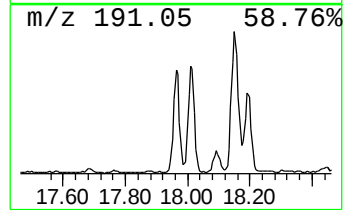
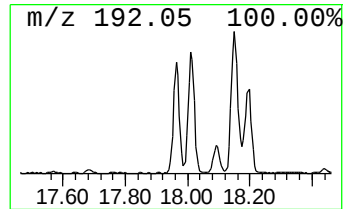
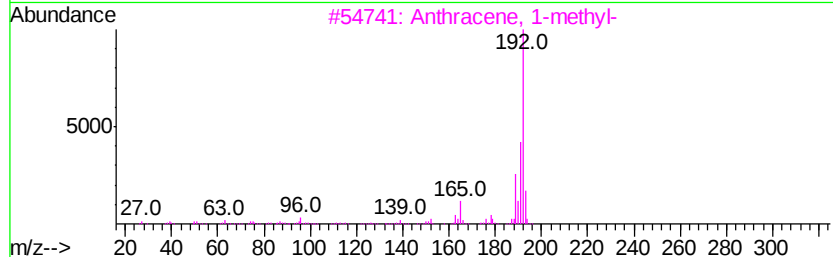
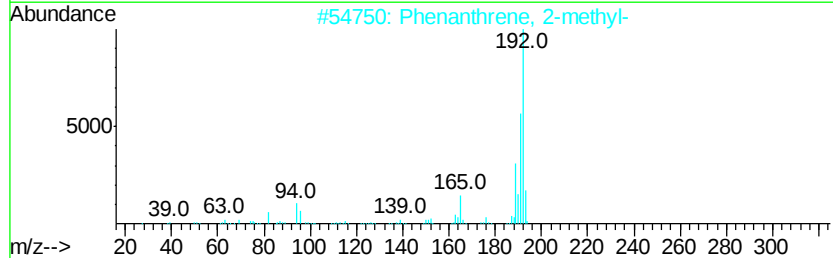
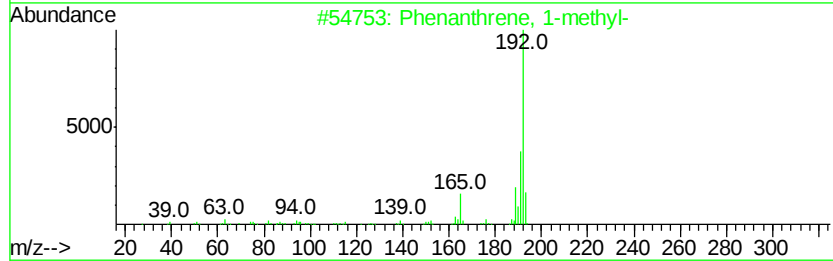
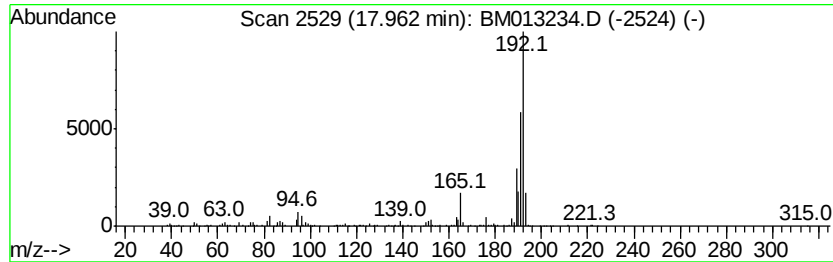
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.96	3.43 ng/ul	650969	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



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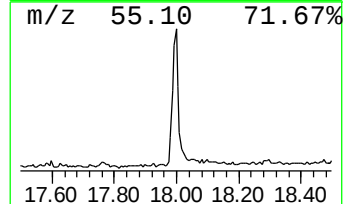
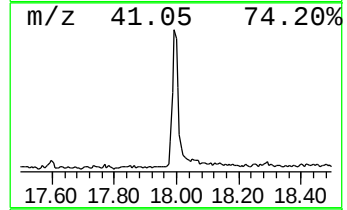
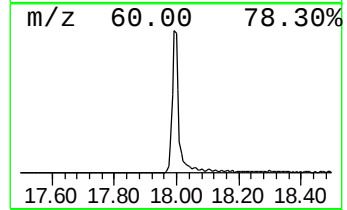
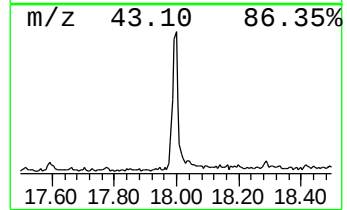
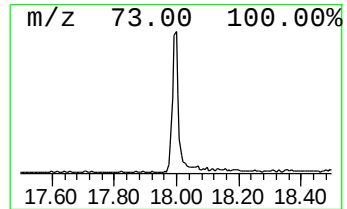
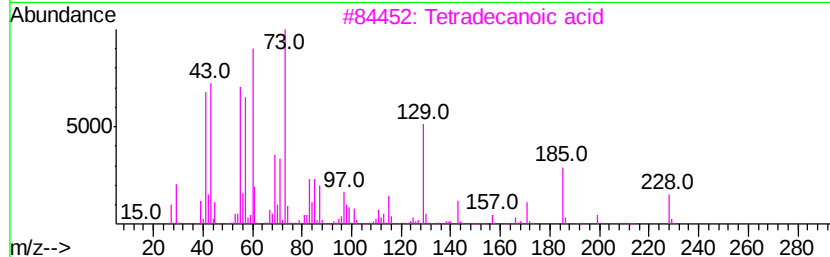
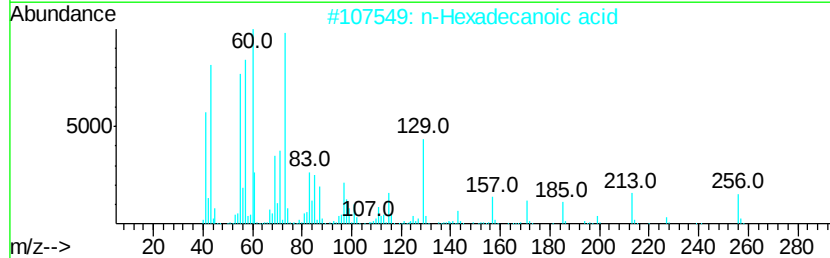
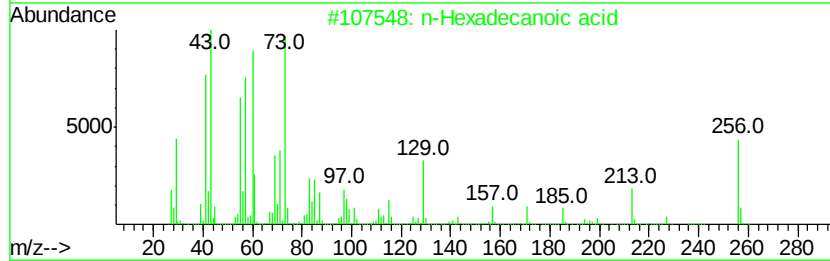
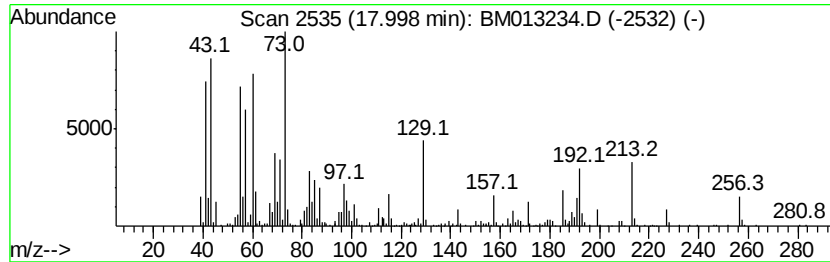
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.00	9.66 ng/ul	1835730	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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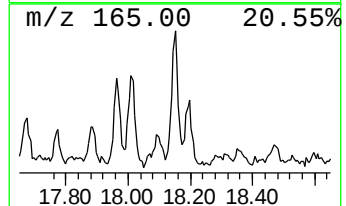
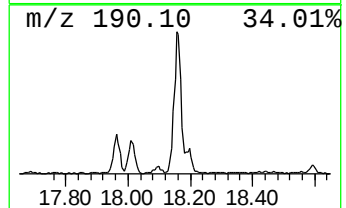
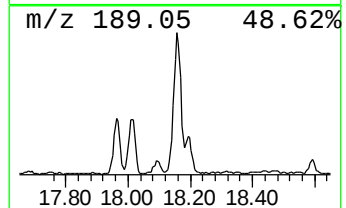
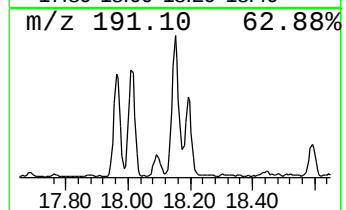
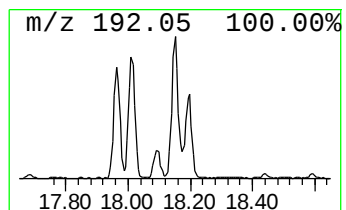
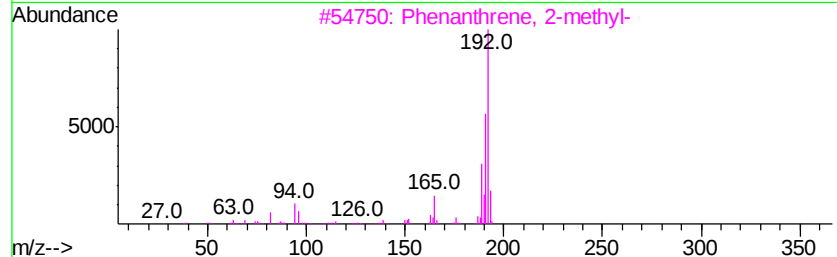
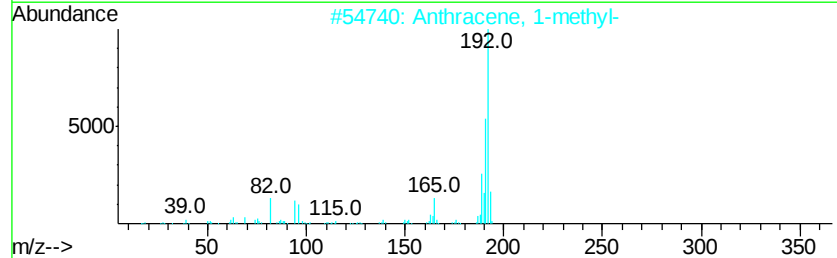
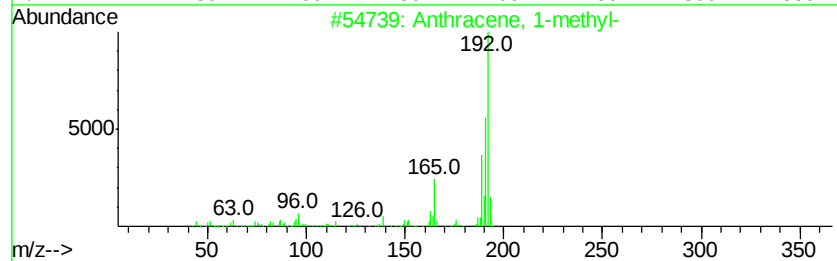
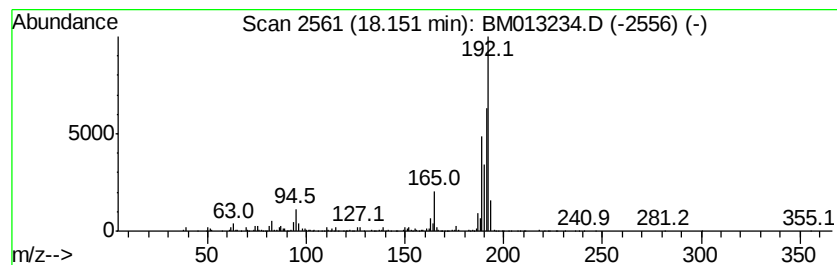
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	6.64 ng/ul	1261240	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64



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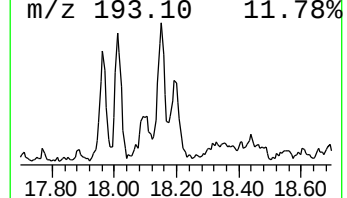
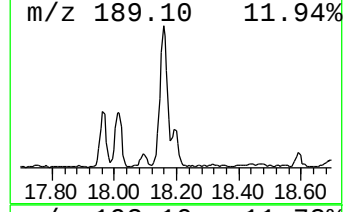
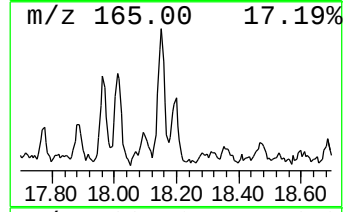
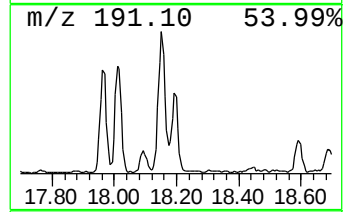
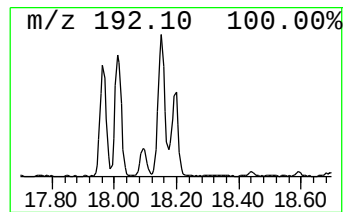
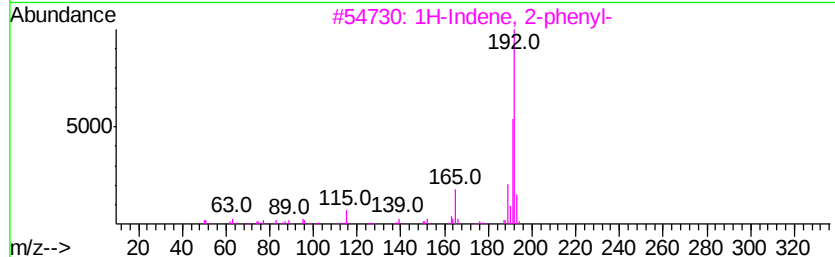
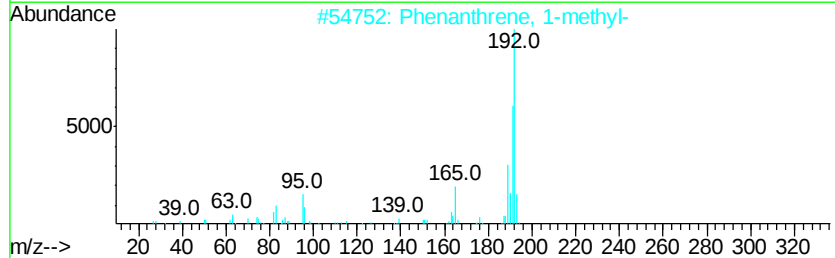
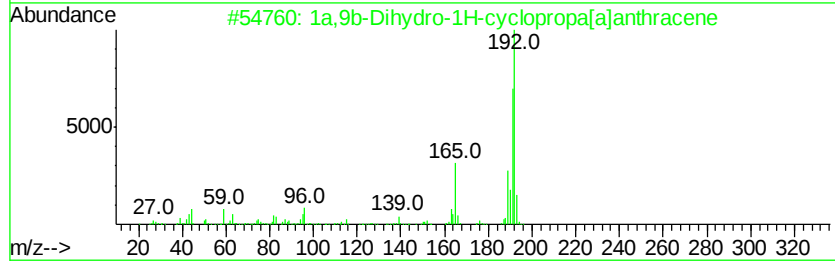
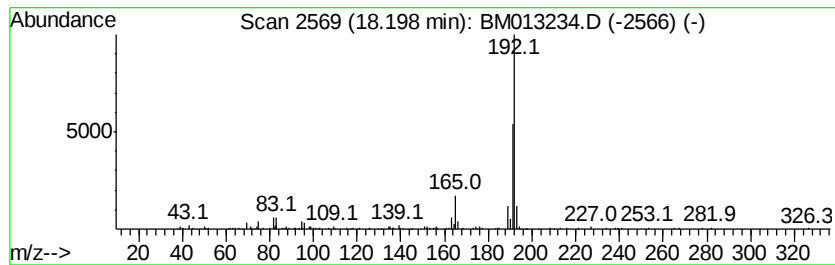
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.21 ng/ul	420078	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1a,9b-Dihydro-1H-cyclopropa[an...	192	C15H12	006109-24-6	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	80



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013234.D
Acq On : 07 Dec 2017 05:52
Operator : SJ/JU
Sample : I6647-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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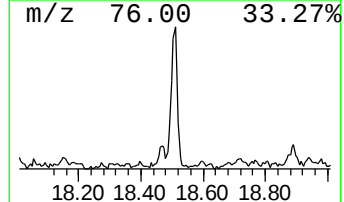
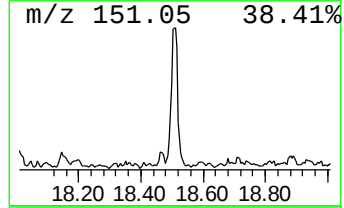
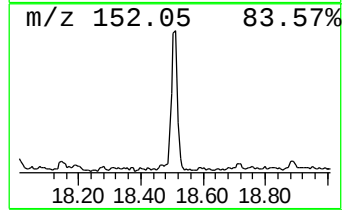
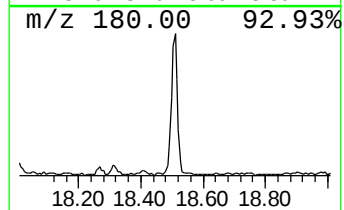
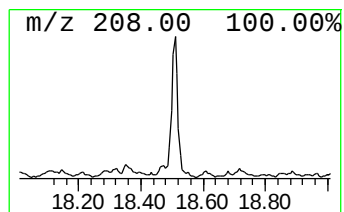
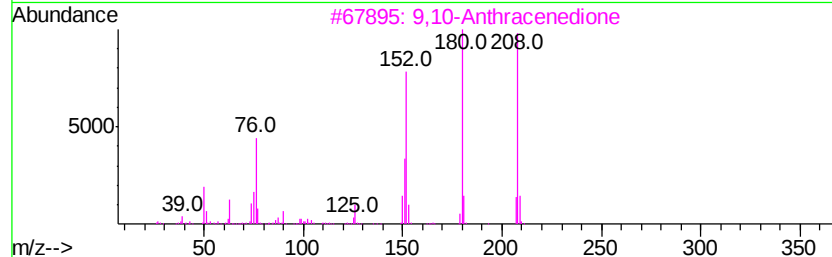
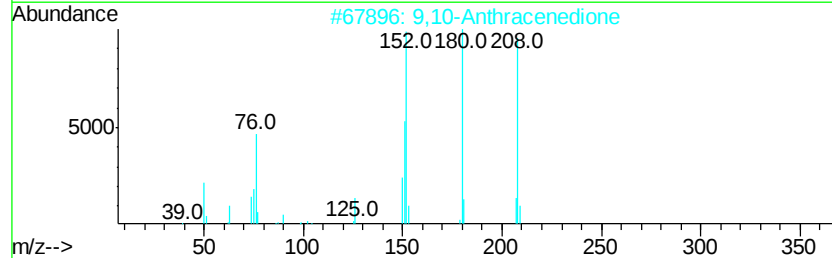
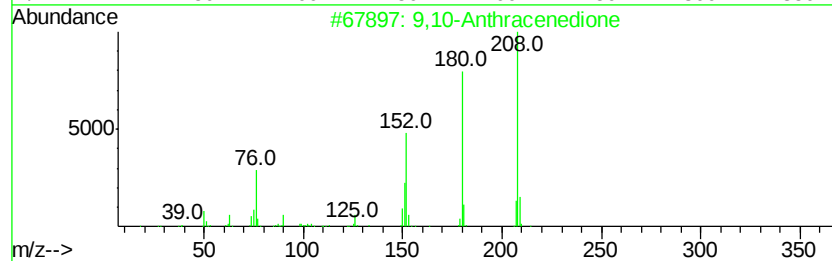
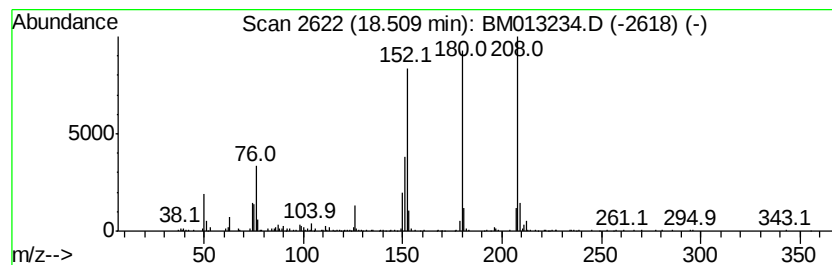
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.51	3.29 ng/ul	624537	Phenanthrene-d10		17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
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Sample : I6647-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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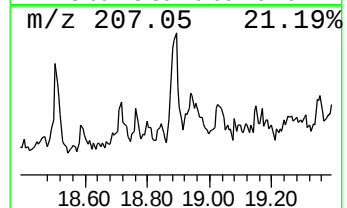
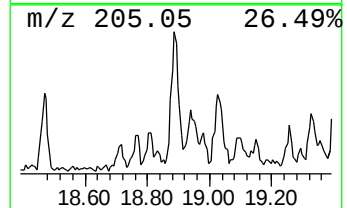
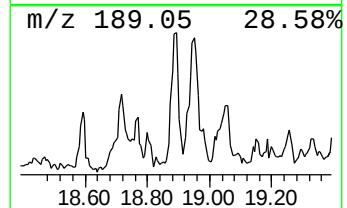
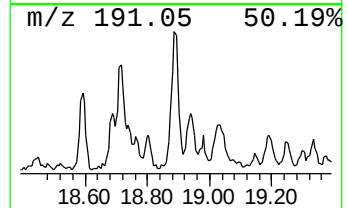
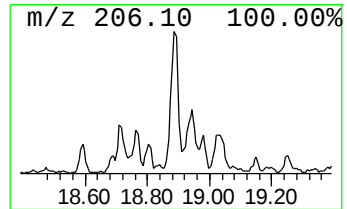
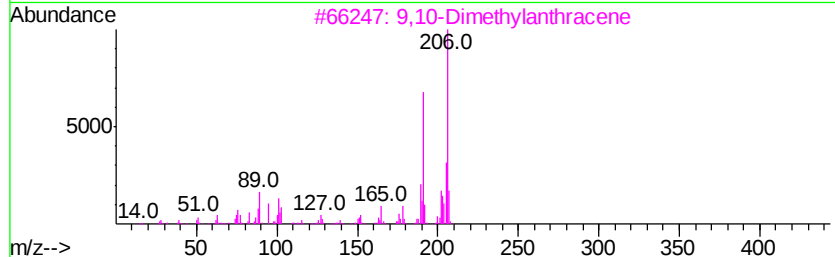
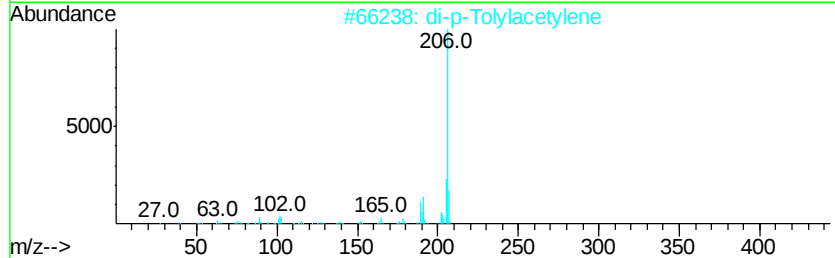
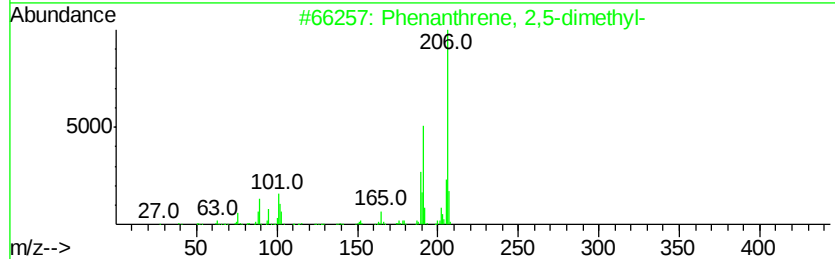
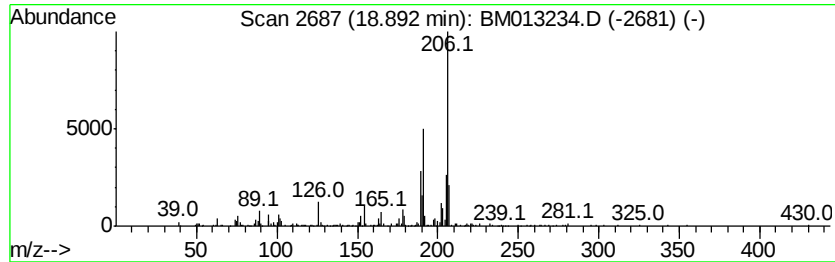
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.92 ng/ul	554189	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81



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Data File : BM013234.D
Acq On : 07 Dec 2017 05:52
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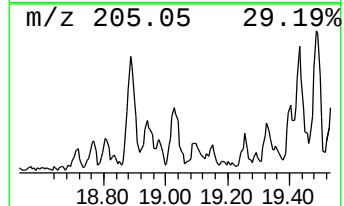
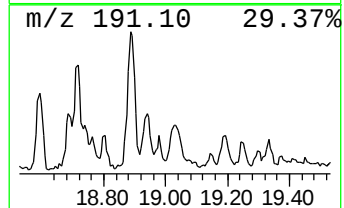
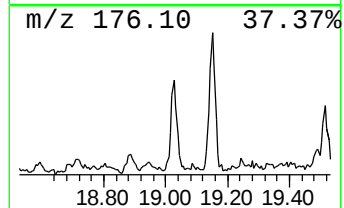
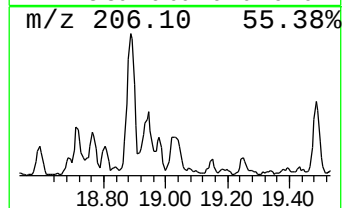
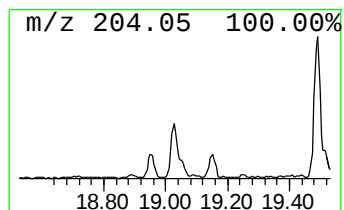
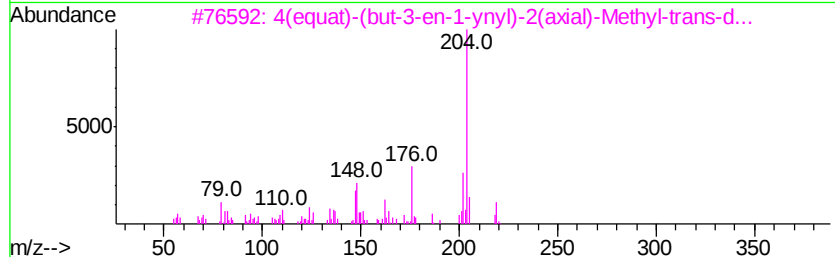
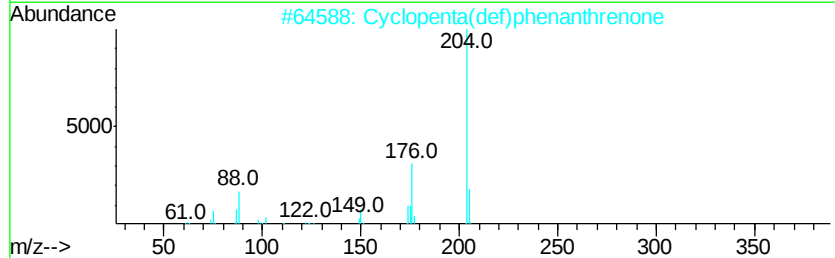
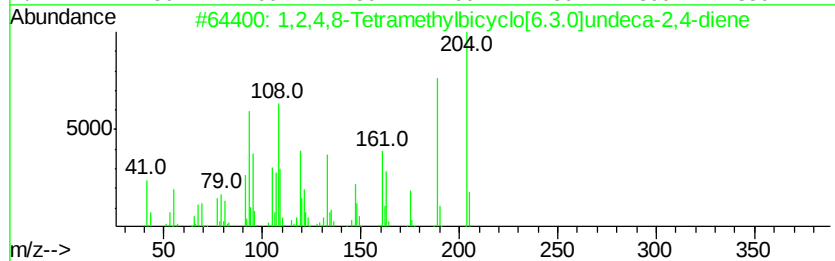
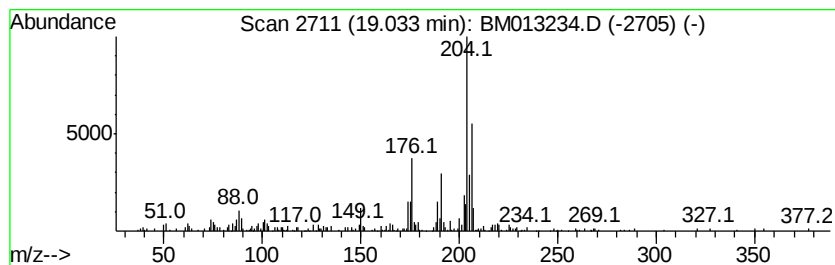
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.65 ng/ul	503537	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	46		
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46		
3	4(equat)-(but-3-en-1-ynyl)-2(axial)-Methyl-trans-d...	219	C14H21NO	038423-22-2	43		
4	Mannose, 6-deoxy-2,3,4,5-tetrahydro-2H-pyran-2-yl	452	C18H44O5Si4	019127-15-2	43		
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43		



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Acq On : 07 Dec 2017 05:52
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Sample : I6647-12
Misc :
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Instrument :
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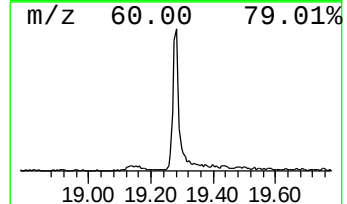
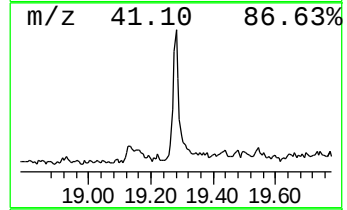
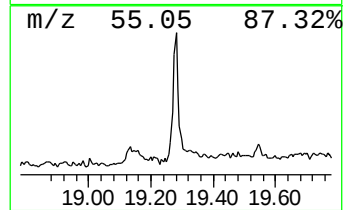
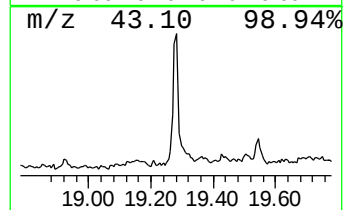
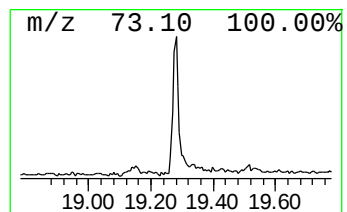
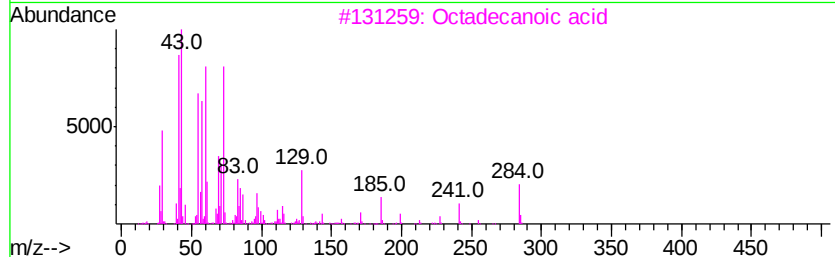
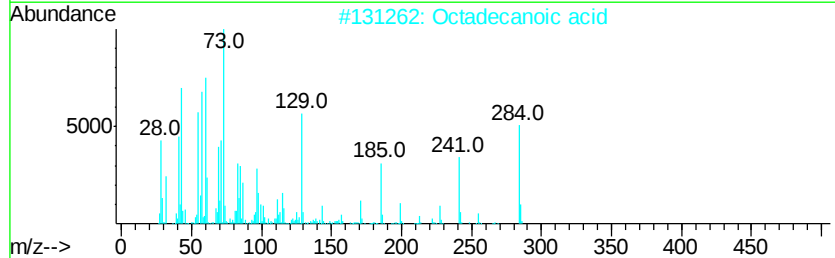
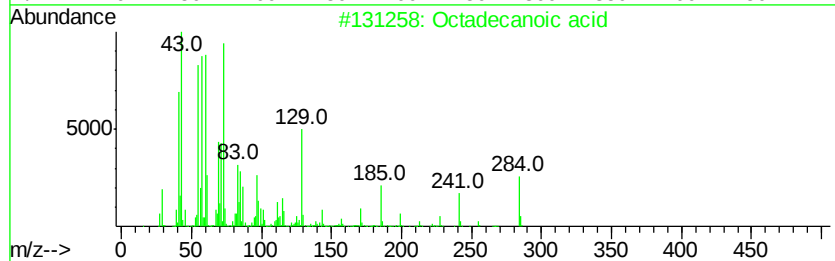
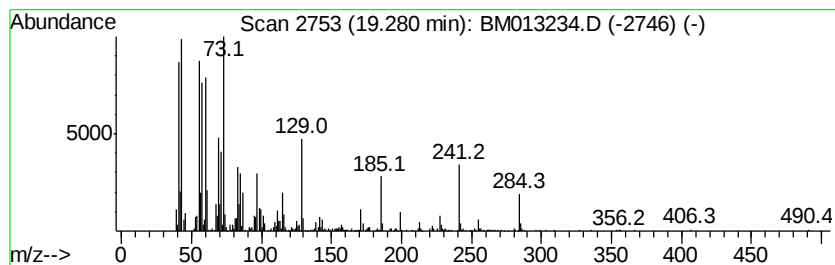
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	3.85 ng/ul	1068080	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
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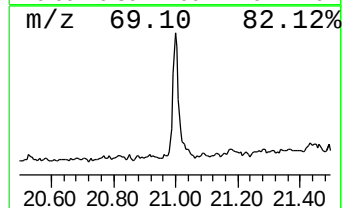
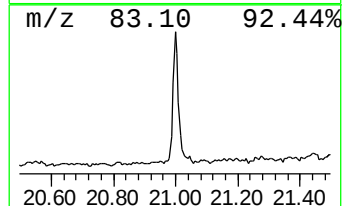
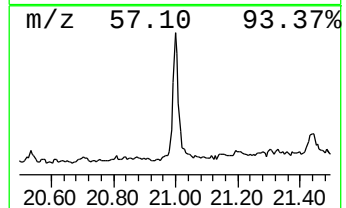
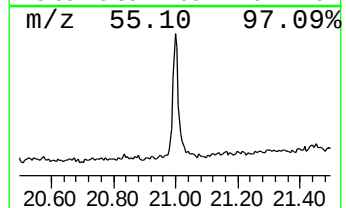
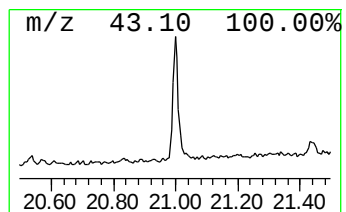
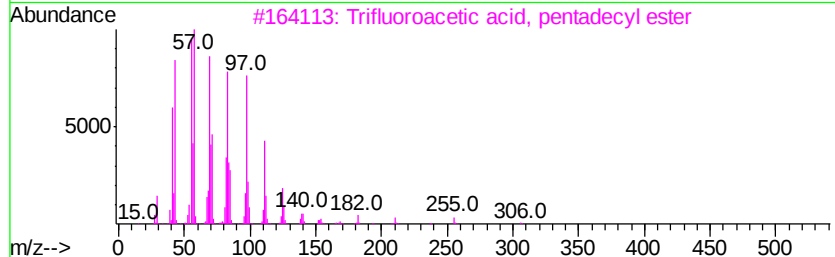
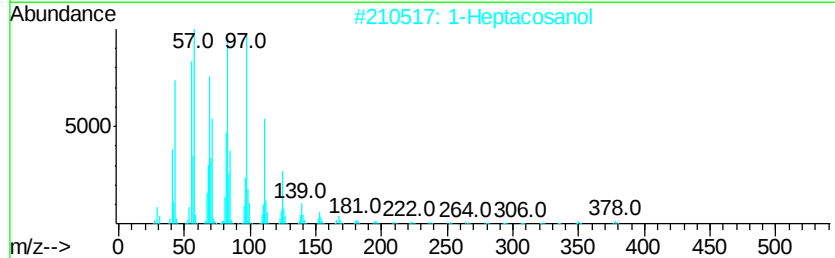
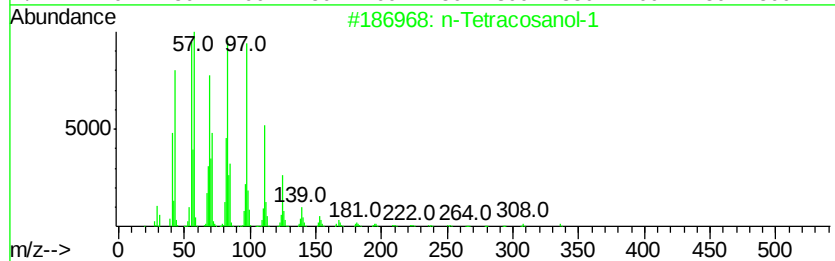
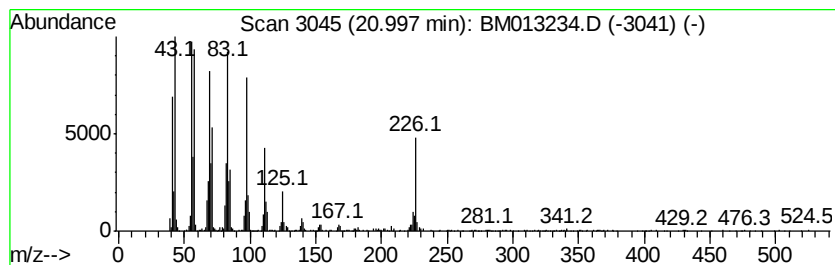
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	7.04 ng/ul	1954970	Chrysene-d12	21.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2			1-Heptacosanol	396	C27H56O	002004-39-9	91
3			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4			Cyclohexadecane	224	C16H32	000295-65-8	91
5			1-Heneicosanol	312	C21H44O	015594-90-8	91



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Sample : I6647-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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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
Phenanthrene, 1-m...	17.96	3.4	ng/ul	650969	4	17.09	3799010	20.0
n-Hexadecanoic acid	18.00	9.7	ng/ul	1835730	4	17.09	3799010	20.0
Anthracene, 1-met...	18.15	6.6	ng/ul	1261240	4	17.09	3799010	20.0
1a,9b-Dihydro-1H-...	18.20	2.2	ng/ul	420078	4	17.09	3799010	20.0
9,10-Anthracenedione	18.51	3.3	ng/ul	624537	4	17.09	3799010	20.0
Phenanthrene, 2,5...	18.89	2.9	ng/ul	554189	4	17.09	3799010	20.0
unknown-01	19.03	2.6	ng/ul	503537	4	17.09	3799010	20.0
Octadecanoic acid	19.28	3.9	ng/ul	1068080	5	21.28	5550780	20.0
n-Tetracosanol-1	21.00	7.0	ng/ul	1954970	5	21.28	5550780	20.0