

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014482.D
 Acq On : 05 Mar 2018 20:47
 Operator : SJ/JU
 Sample : J1679-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7DL

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-BM021418.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	6.757	636	641	648	rBV5	23673	57102	3.26%	0.327%
2	6.875	656	661	670	rVB2	30576	55953	3.20%	0.321%
3	7.069	689	694	703	rBV2	48403	94629	5.41%	0.543%
4	7.510	763	769	778	rBV	330463	583534	33.35%	3.346%
5	8.275	893	899	902	rBV7	30642	58074	3.32%	0.333%
6	8.692	965	970	980	rBV3	40614	94172	5.38%	0.540%
7	9.404	1085	1091	1099	rBV5	32254	84232	4.81%	0.483%
8	9.992	1185	1191	1198	rBV9	23205	65144	3.72%	0.374%
9	10.286	1233	1241	1258	rBV	377873	753805	43.08%	4.322%
10	10.480	1270	1274	1276	rBV3	16620	22373	1.28%	0.128%
11	13.604	1800	1805	1810	rBV	87473	142111	8.12%	0.815%
12	13.651	1810	1813	1819	rVB2	36144	48579	2.78%	0.279%
13	13.868	1843	1850	1859	rBV2	113862	219328	12.53%	1.258%
14	14.174	1896	1902	1910	rBV2	553859	888044	50.75%	5.092%
15	14.239	1910	1913	1919	rVB3	40615	57840	3.31%	0.332%
16	14.586	1967	1972	1980	rVV3	56765	118214	6.76%	0.678%
17	14.663	1980	1985	1991	rVB8	15218	30493	1.74%	0.175%
18	15.033	2042	2048	2052	rVB7	11133	17927	1.02%	0.103%
19	15.180	2066	2073	2078	rBV2	126133	218967	12.51%	1.256%
20	15.239	2078	2083	2092	rVB	99254	178506	10.20%	1.024%
21	15.380	2101	2107	2109	rBV5	14932	23567	1.35%	0.135%
22	15.539	2129	2134	2140	rBV5	30437	53593	3.06%	0.307%
23	15.692	2155	2160	2166	rBV6	28059	56560	3.23%	0.324%
24	16.251	2246	2255	2259	rBV7	30748	60364	3.45%	0.346%
25	16.292	2259	2262	2268	rVB7	15092	25061	1.43%	0.144%
26	16.392	2276	2279	2285	rVB6	15339	22366	1.28%	0.128%
27	16.474	2289	2293	2296	rVV6	18779	30265	1.73%	0.174%
28	16.515	2296	2300	2303	rVV5	18988	31835	1.82%	0.183%
29	16.615	2310	2317	2322	rBV3	34959	63857	3.65%	0.366%
30	16.680	2322	2328	2332	rVV5	18698	46787	2.67%	0.268%
31	16.756	2336	2341	2348	rVB	60999	100327	5.73%	0.575%
32	16.939	2366	2372	2375	rBV	686271	1030790	58.90%	5.911%
33	16.980	2375	2379	2385	rVV	1137178	1654812	94.56%	9.489%
34	17.039	2385	2389	2392	rVV	154473	268276	15.33%	1.538%

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35	17.074	2392	2395	2402	rVV2	226529	337227	19.27%	1.934%
36	17.151	2405	2408	2413	rVV7	15016	29459	1.68%	0.169%
37	17.362	2438	2444	2453	rBV	84107	173988	9.94%	0.998%
38	17.551	2473	2476	2483	rVB8	18928	38813	2.22%	0.223%
39	17.815	2516	2521	2524	rVV2	108411	160207	9.15%	0.919%
40	17.868	2525	2530	2535	rVB	132803	228109	13.04%	1.308%
41	17.945	2540	2543	2549	rVV2	40539	71225	4.07%	0.408%
42	18.009	2549	2554	2558	rVV3	139390	248863	14.22%	1.427%
43	18.051	2558	2561	2570	rVB2	64460	112027	6.40%	0.642%
44	18.127	2570	2574	2579	rBV8	22115	42963	2.46%	0.246%
45	18.280	2595	2600	2602	rBV6	13349	18915	1.08%	0.108%
46	18.321	2603	2607	2614	rVB	75081	122188	6.98%	0.701%
47	18.392	2614	2619	2624	rBV8	42625	81035	4.63%	0.465%
48	18.621	2656	2658	2662	rVV3	19597	23510	1.34%	0.135%
49	18.662	2662	2665	2669	rVB4	25447	29888	1.71%	0.171%
50	18.745	2675	2679	2684	rBV4	52247	93108	5.32%	0.534%
51	18.809	2688	2690	2693	rVB4	17161	21184	1.21%	0.121%
52	18.886	2699	2703	2704	rBV4	30144	37886	2.16%	0.217%
53	19.009	2718	2724	2732	rBV	1241712	1749955	100.00%	10.034%
54	19.133	2739	2745	2748	rBV8	44900	73694	4.21%	0.423%
55	19.256	2761	2766	2769	rBV4	48970	68491	3.91%	0.393%
56	19.350	2777	2782	2783	rBV2	340853	427508	24.43%	2.451%
57	19.380	2783	2787	2795	rVV	893571	1322873	75.59%	7.586%
58	19.456	2798	2800	2806	rVB5	64255	82433	4.71%	0.473%
59	19.568	2816	2819	2825	rVB2	54225	72973	4.17%	0.418%
60	19.703	2838	2842	2844	rBV4	54896	86296	4.93%	0.495%
61	19.886	2869	2873	2880	rVB2	147925	211296	12.07%	1.212%
62	19.986	2886	2890	2893	rBV	98265	133500	7.63%	0.766%
63	20.039	2895	2899	2903	rVB3	75793	131832	7.53%	0.756%
64	20.180	2920	2923	2926	rBV3	40412	58310	3.33%	0.334%
65	20.803	3026	3029	3032	rBV	71308	87594	5.01%	0.502%
66	20.833	3032	3034	3037	rBV2	62638	68477	3.91%	0.393%
67	21.156	3082	3089	3092	rBV2	893305	1693229	96.76%	9.709%
68	21.191	3092	3095	3099	rVB	352976	433151	24.75%	2.484%
69	22.691	3346	3350	3354	rBV	260550	485473	27.74%	2.784%
70	23.238	3441	3443	3453	rVB	257910	405403	23.17%	2.325%
71	23.333	3455	3459	3464	rVB	446852	718817	41.08%	4.122%

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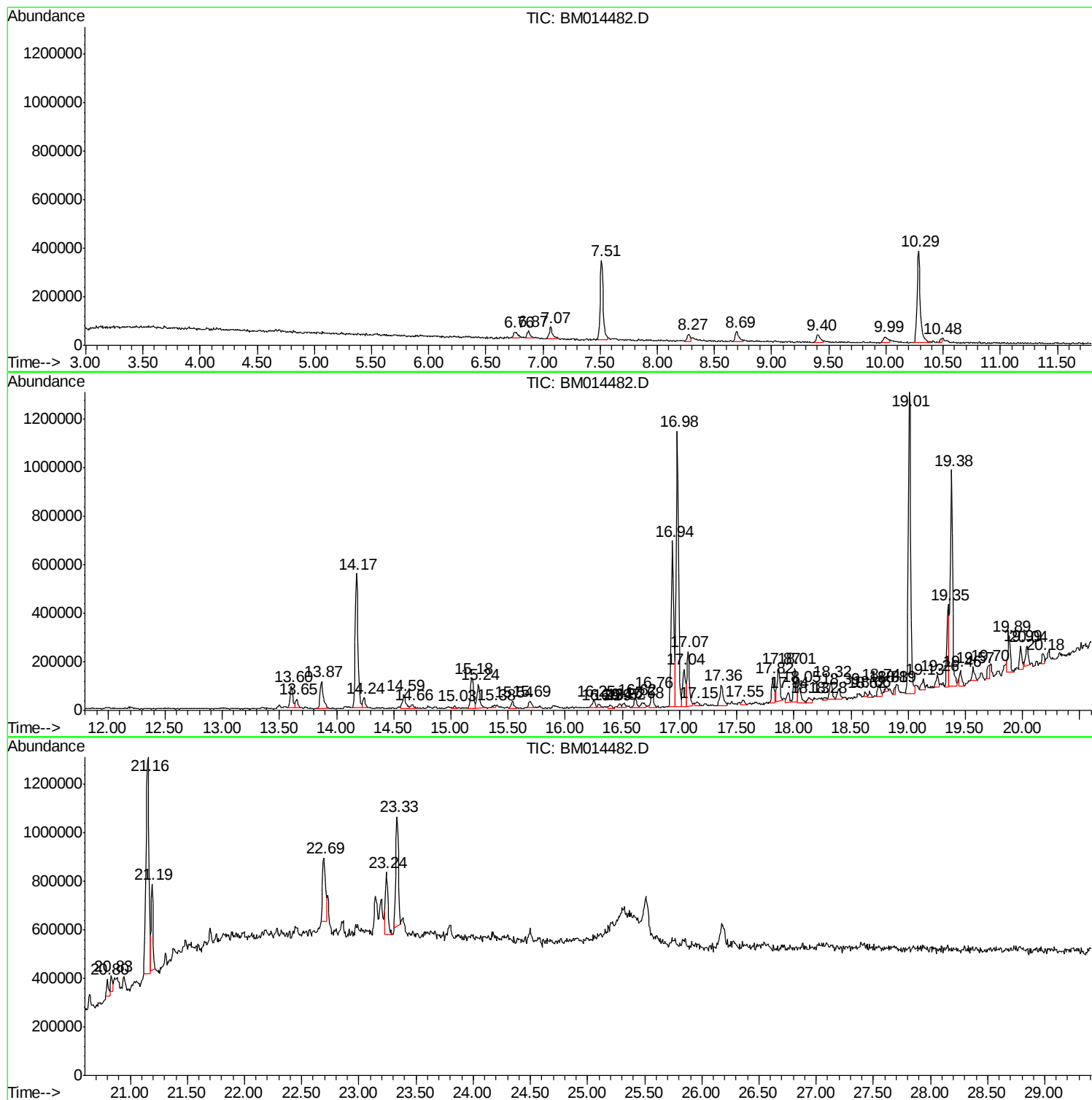
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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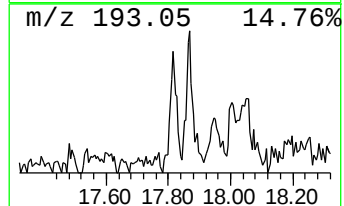
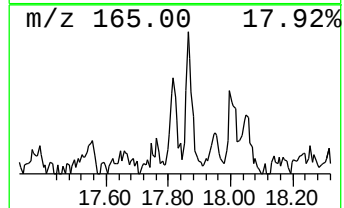
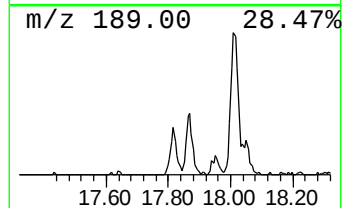
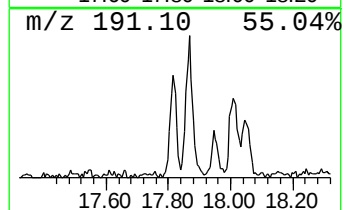
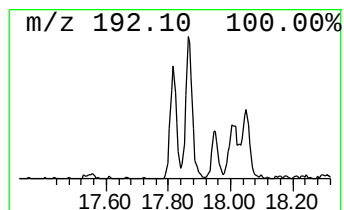
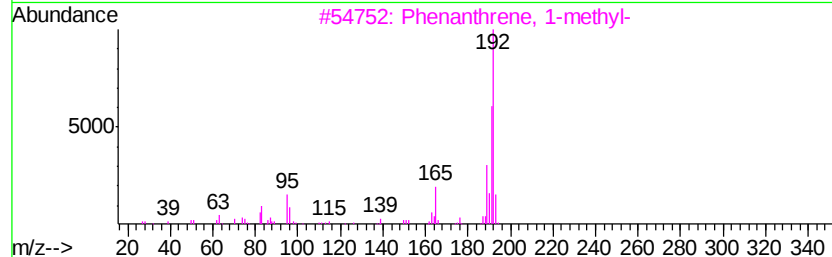
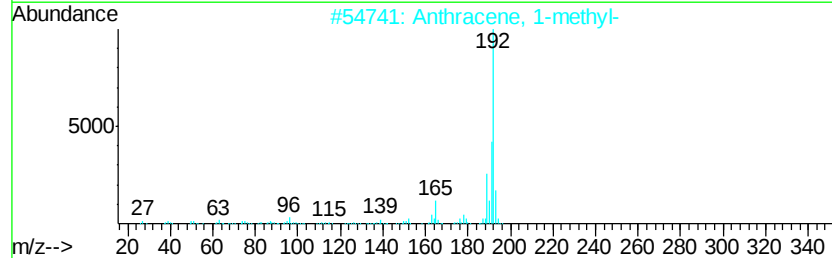
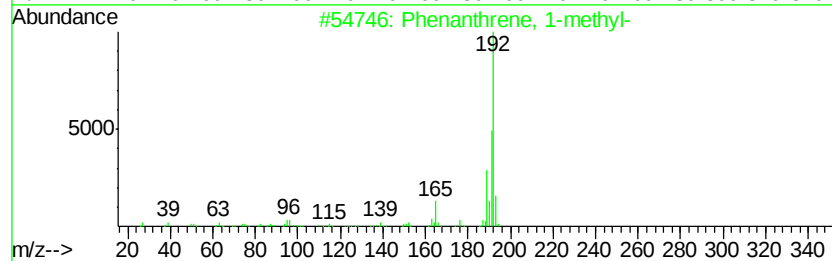
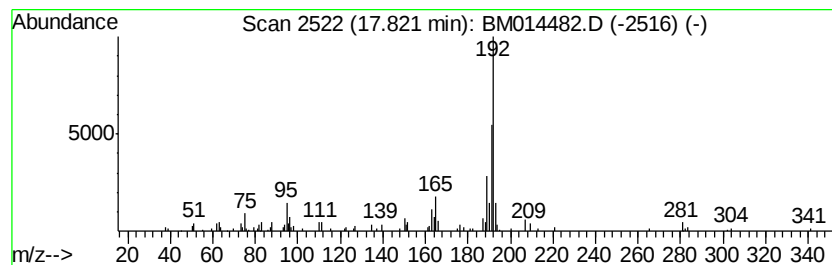
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.11 ng/ul	160207	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



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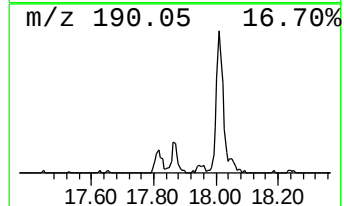
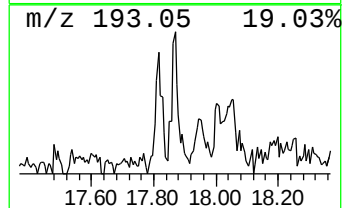
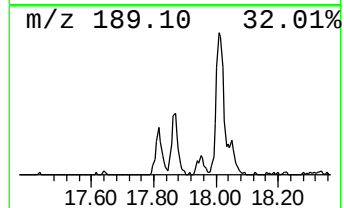
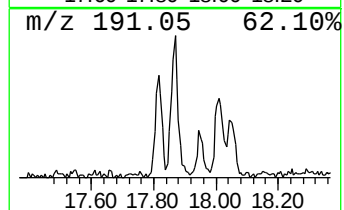
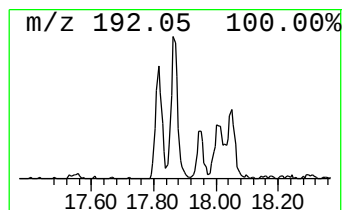
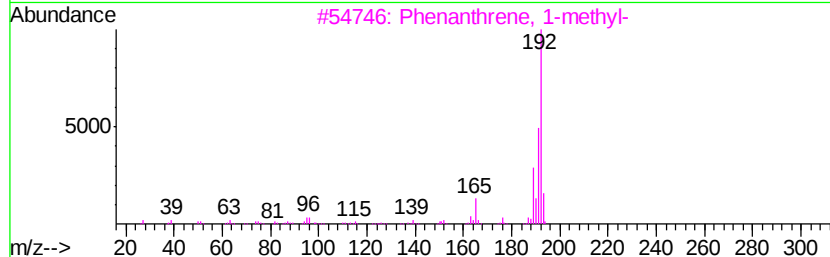
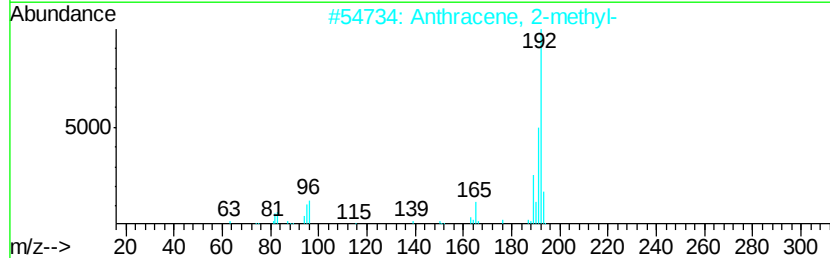
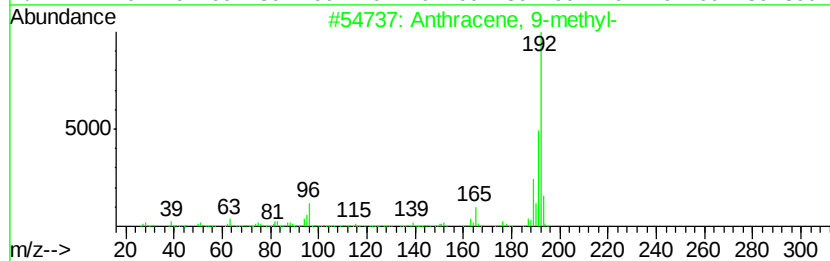
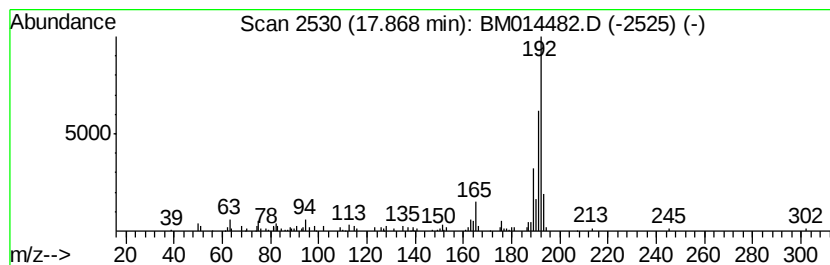
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.43 ng/ul	228109	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



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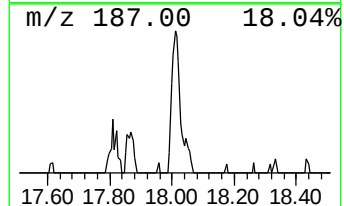
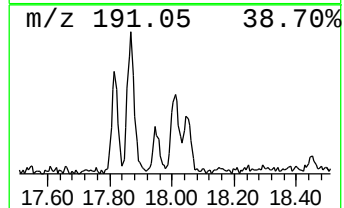
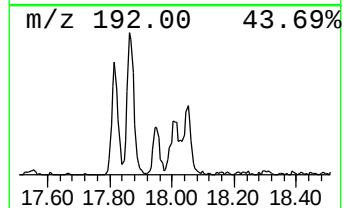
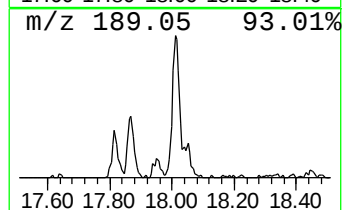
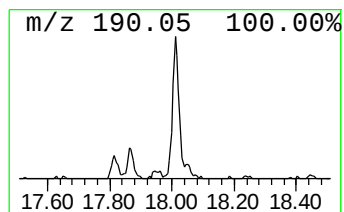
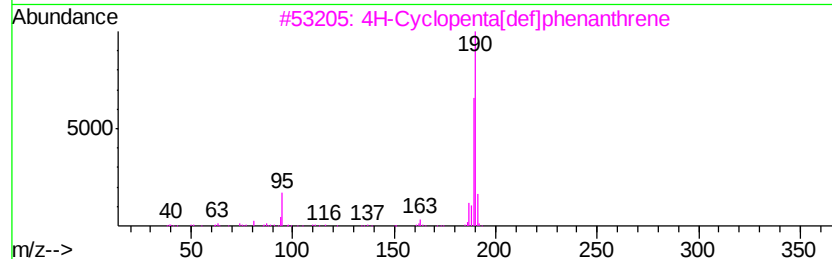
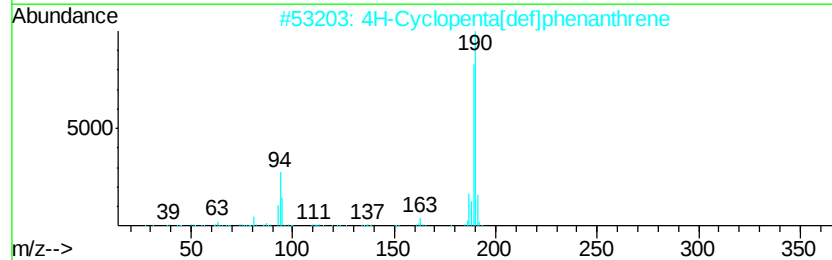
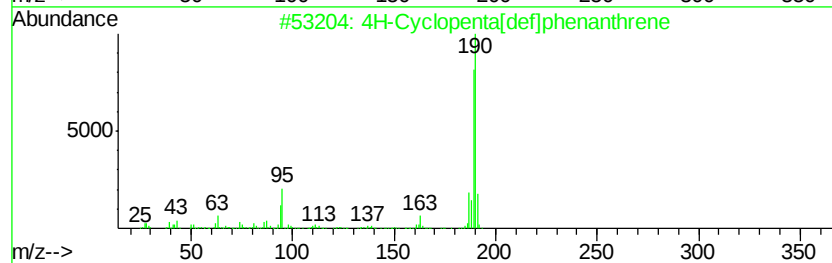
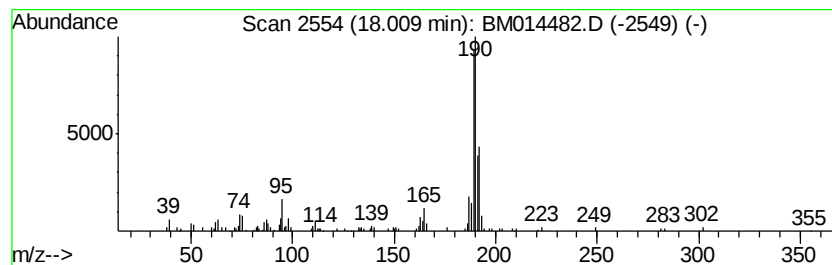
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.83 ng/ul	248863	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
5		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38



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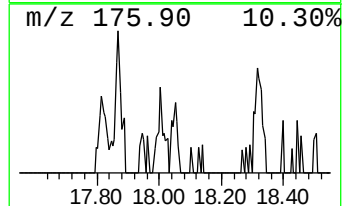
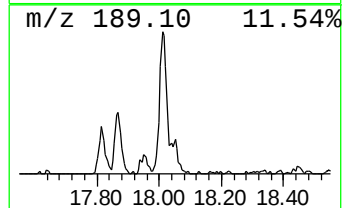
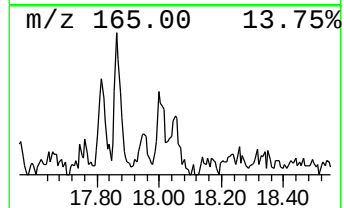
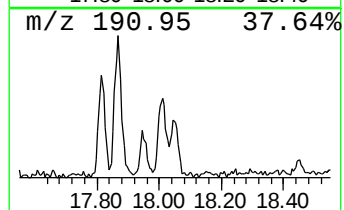
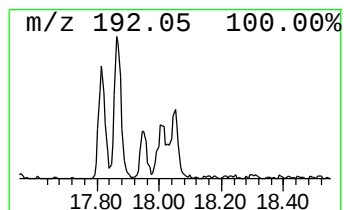
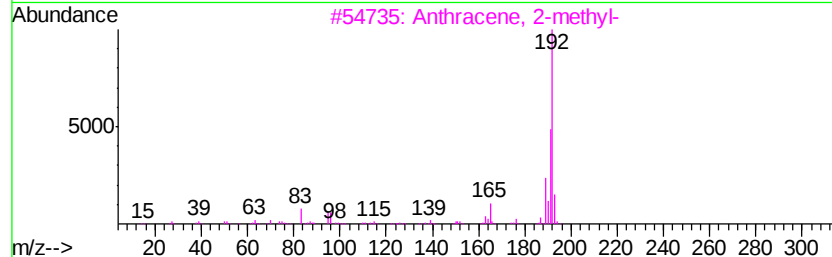
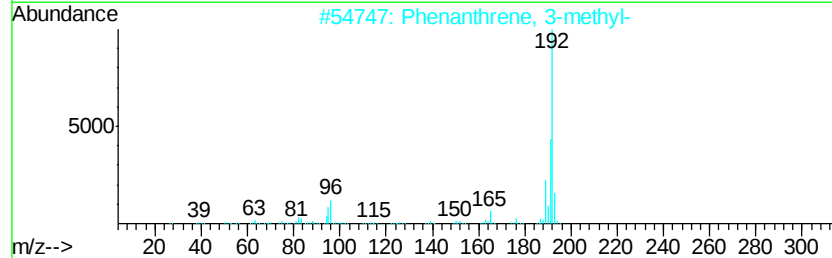
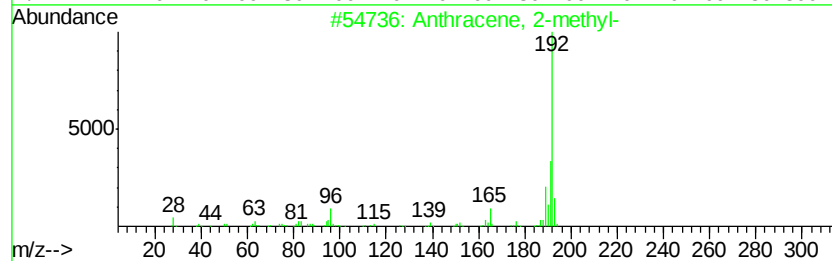
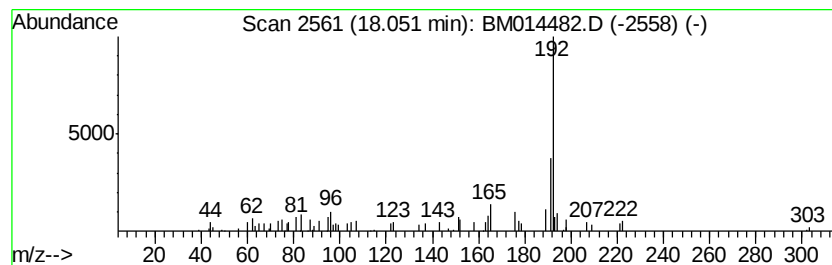
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.17 ng/ul	112027	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59



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Data File : BM014482.D
Acq On : 05 Mar 2018 20:47
Operator : SJ/JU
Sample : J1679-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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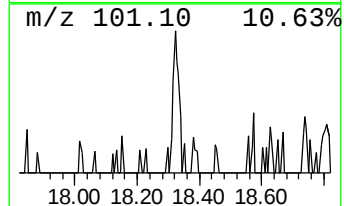
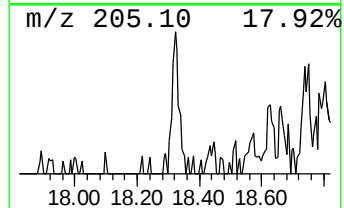
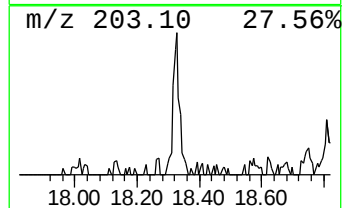
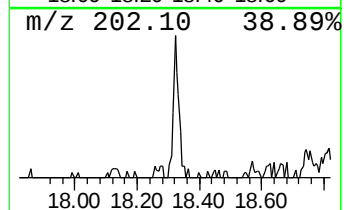
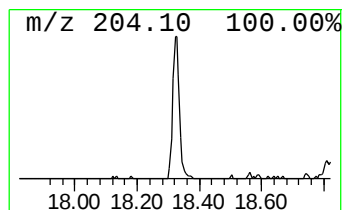
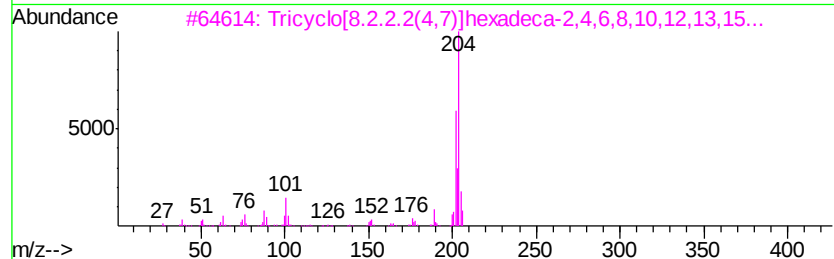
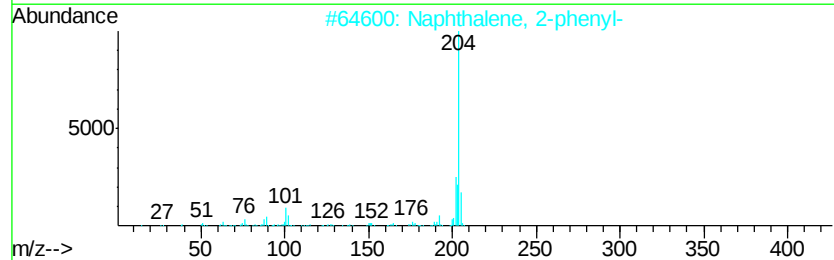
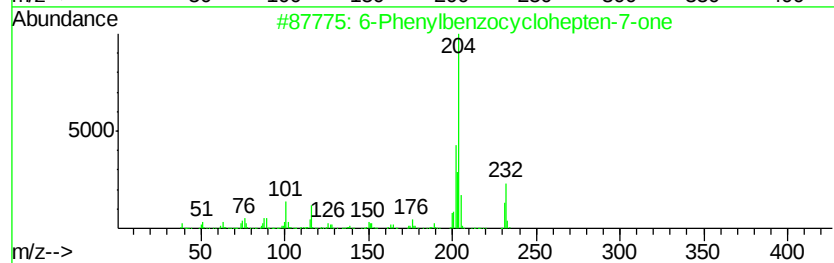
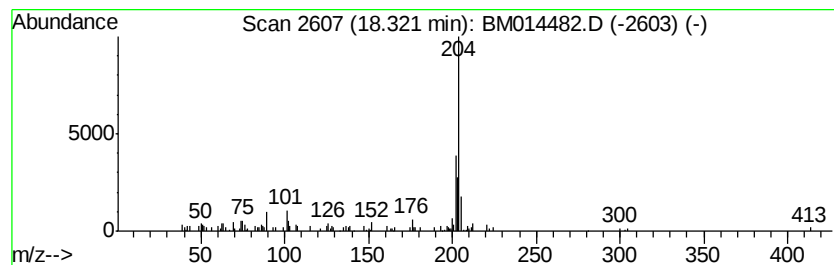
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 6-Phenylbenzocyclohepten-7-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.37 ng/ul	122188	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	56



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014482.D
Acq On : 05 Mar 2018 20:47
Operator : SJ/JU
Sample : J1679-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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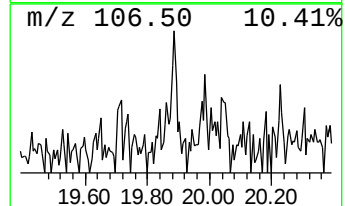
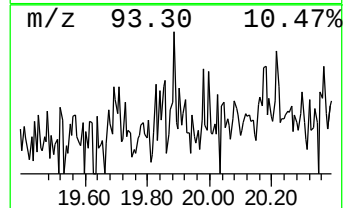
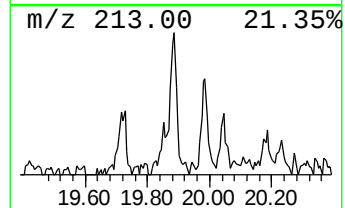
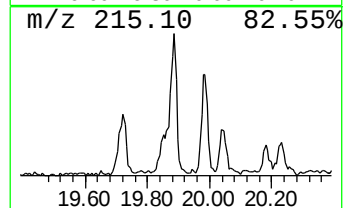
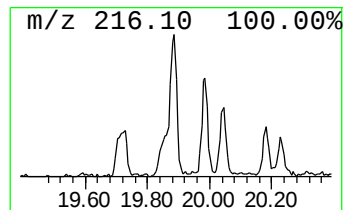
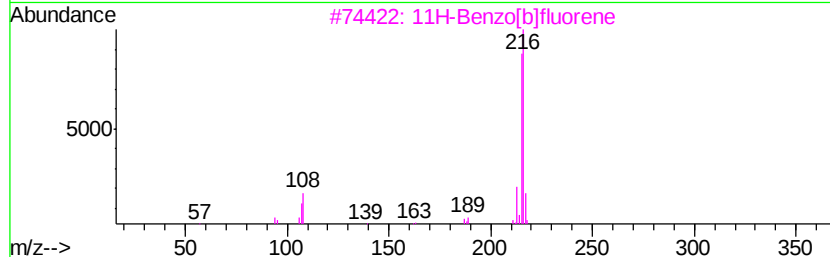
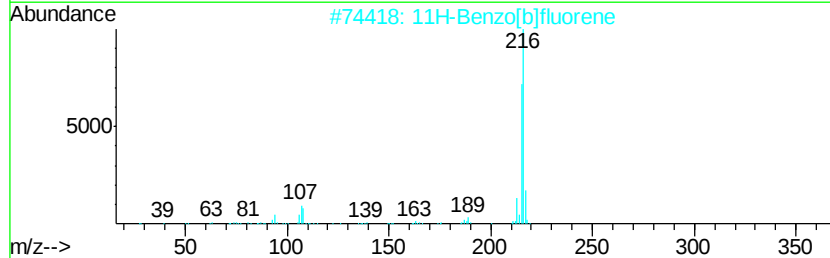
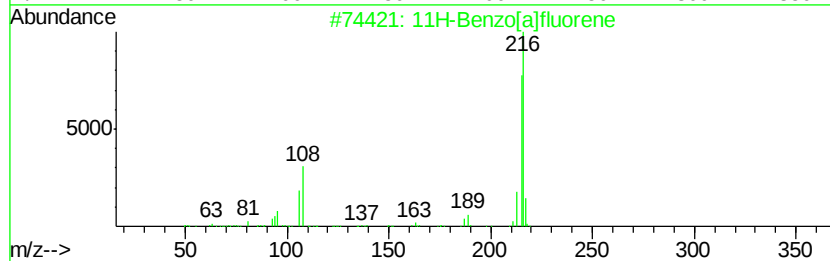
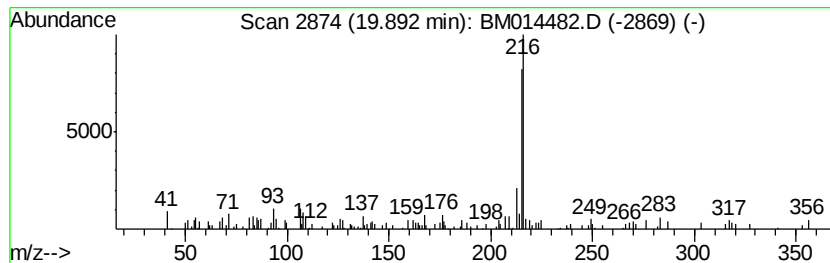
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.50 ng/ul	211296	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5		.beta.-Carboline, 1,2,3,4-tetra...	260	C14H16N2O3	029573-11-3	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030518\
Data File : BM014482.D
Acq On : 05 Mar 2018 20:47
Operator : SJ/JU
Sample : J1679-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z7DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
Phenanthrene, 1-m...	17.82	3.1	ng/ul	160207	4	16.94	1030790	20.0
Anthracene, 9-met...	17.87	4.4	ng/ul	228109	4	16.94	1030790	20.0
4H-Cyclopenta[def...	18.01	4.8	ng/ul	248863	4	16.94	1030790	20.0
Anthracene, 2-met...	18.05	2.2	ng/ul	112027	4	16.94	1030790	20.0
6-Phenylbenzocycl...	18.32	2.4	ng/ul	122188	4	16.94	1030790	20.0
11H-Benzo[a]fluorene	19.89	2.5	ng/ul	211296	5	21.16	1693230	20.0