

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010341.D
 Acq On : 31 May 2017 20:44
 Operator : SJ/MA
 Sample : I3369-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA1

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-BM052717.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	7.104	676	683	694	rBV	1085575	1861010	3.45%	1.026%
2	7.263	704	710	724	rBV	767504	1259022	2.34%	0.694%
3	7.463	737	744	754	rBV	1226805	2017134	3.74%	1.112%
4	7.922	813	822	833	rBV	1459504	2330261	4.32%	1.284%
5	8.645	936	945	960	rBV	1253126	2083393	3.86%	1.148%
6	9.110	1016	1024	1033	rBV	1046774	1783279	3.31%	0.983%
7	9.822	1137	1145	1155	rBV	933684	1638170	3.04%	0.903%
8	10.351	1227	1235	1248	rBV	1505097	2553695	4.74%	1.407%
9	10.728	1290	1299	1305	rBV	1762715	2882990	5.35%	1.589%
10	10.892	1319	1327	1339	rBV	1128223	1983911	3.68%	1.093%
11	13.969	1844	1850	1855	rBV	2764663	3697094	6.86%	2.037%
12	14.016	1855	1858	1865	rVB	621336	811776	1.51%	0.447%
13	14.257	1892	1899	1909	rBV	2823749	4142402	7.68%	2.283%
14	14.557	1941	1950	1956	rBV2	2529327	3810532	7.07%	2.100%
15	14.621	1956	1961	1969	rVB	408700	618151	1.15%	0.341%
16	14.798	1985	1991	1999	rBV	687000	1207330	2.24%	0.665%
17	15.545	2111	2118	2124	rBV	3573410	5089175	9.44%	2.805%
18	15.668	2134	2139	2145	rBV	974846	1430937	2.65%	0.789%
19	17.304	2410	2417	2420	rBV	3168562	4531427	8.41%	2.497%
20	17.345	2420	2424	2429	rVV	4019909	5460479	10.13%	3.009%
21	17.404	2429	2434	2438	rVV	3757437	5579234	10.35%	3.075%
22	17.433	2438	2439	2446	rVB	569085	564885	1.05%	0.311%
23	17.721	2479	2488	2494	rBV2	365444	637042	1.18%	0.351%
24	18.151	2556	2561	2568	rBV2	592013	1277628	2.37%	0.704%
25	18.221	2568	2573	2579	rVB	430617	688459	1.28%	0.379%
26	18.368	2591	2598	2602	rBV3	502158	962847	1.79%	0.531%
27	19.351	2759	2765	2771	rVB	6326792	8175171	15.17%	4.505%
28	19.686	2816	2822	2825	rBV2	5527799	8697527	16.13%	4.793%
29	19.715	2825	2827	2834	rVB	5237527	6269529	11.63%	3.455%
30	20.027	2876	2880	2887	rVB4	272643	606723	1.13%	0.334%
31	20.203	2906	2910	2915	rVB	571408	890324	1.65%	0.491%
32	20.356	2930	2936	2940	rBV2	338551	571009	1.06%	0.315%
33	21.109	3060	3064	3068	rBV3	754743	1103660	2.05%	0.608%
34	21.192	3075	3078	3082	rBV2	415060	612473	1.14%	0.338%

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35	21.462	3117	3124	3128	rBV2	5732184	10819595	20.07%	5.962%
36	21.503	3128	3131	3135	rVB	2945341	3465842	6.43%	1.910%
37	21.621	3148	3151	3157	rVB	527417	695025	1.29%	0.383%
38	22.050	3218	3224	3235	rVB	45883088	53907717	100.00%	29.708%
39	23.097	3397	3402	3408	rBV	2416279	5570922	10.33%	3.070%
40	23.609	3484	3489	3493	rBV	1254044	2395024	4.44%	1.320%
41	23.662	3493	3498	3502	rVV2	3820349	7392023	13.71%	4.074%
42	23.709	3502	3506	3513	rVB	2050120	3679380	6.83%	2.028%
43	23.815	3518	3524	3529	rBV	3049531	5706582	10.59%	3.145%

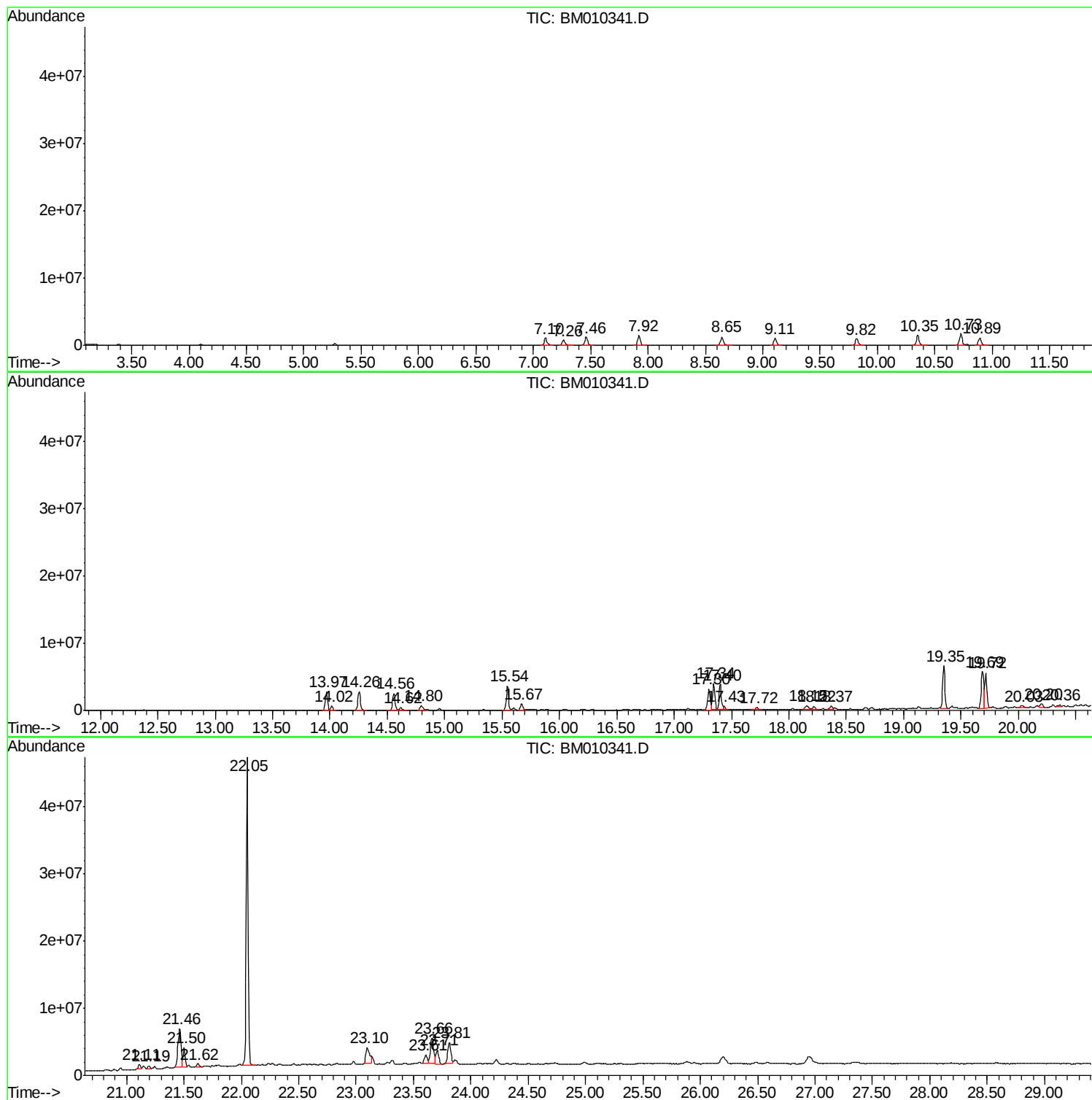
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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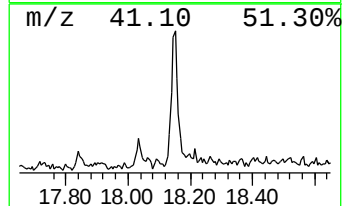
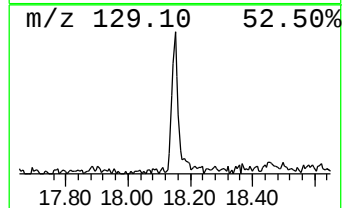
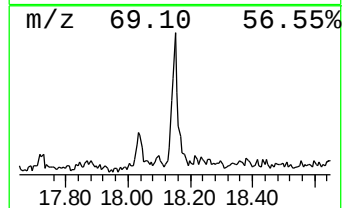
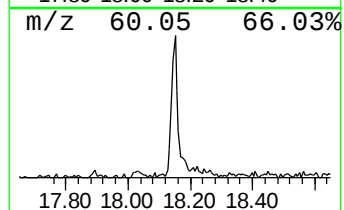
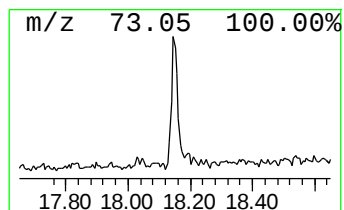
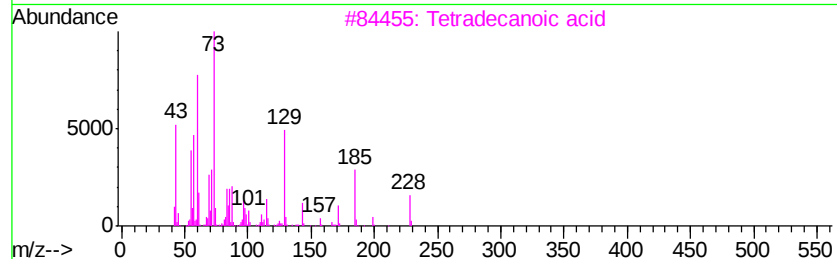
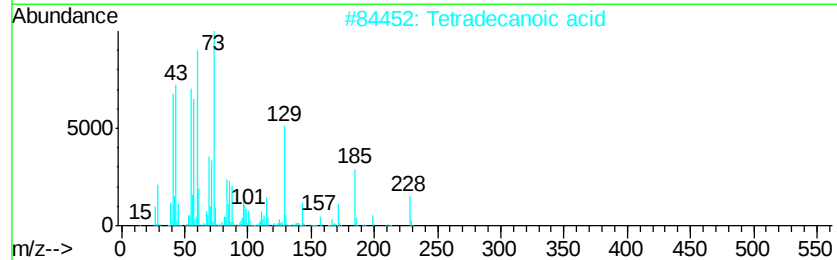
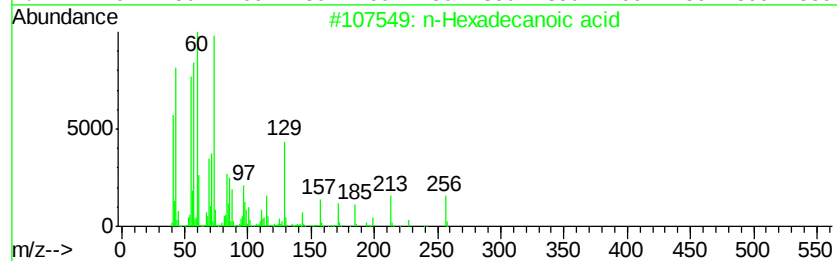
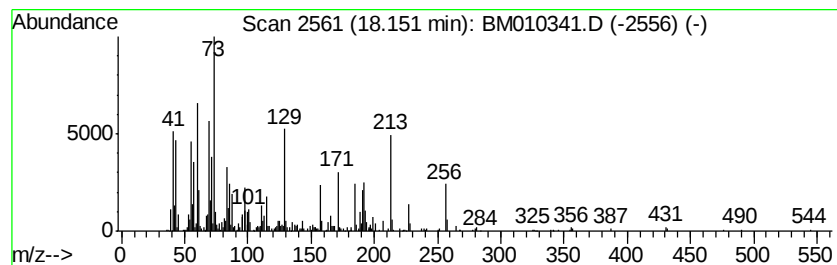
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.15	5.64 ng/ul	1277630	Phenanthrene-d10	17.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	46	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	41	



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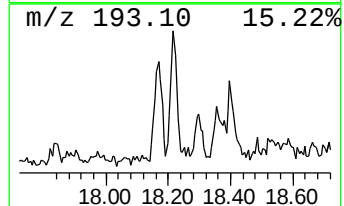
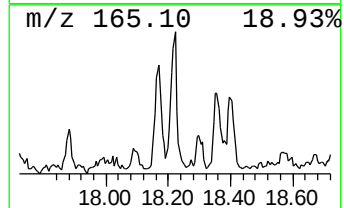
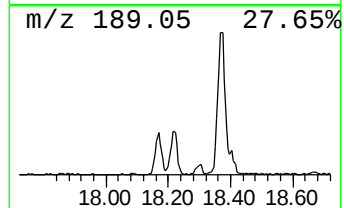
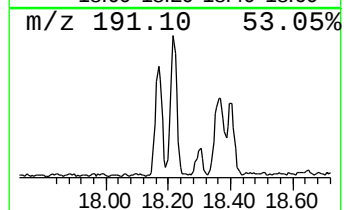
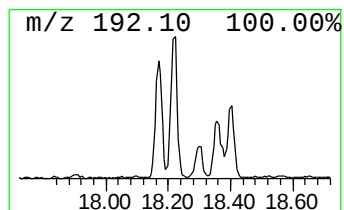
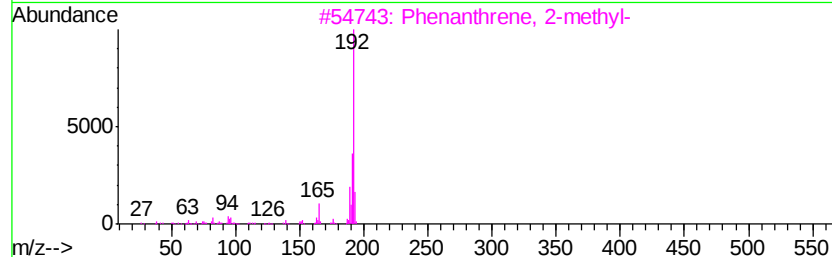
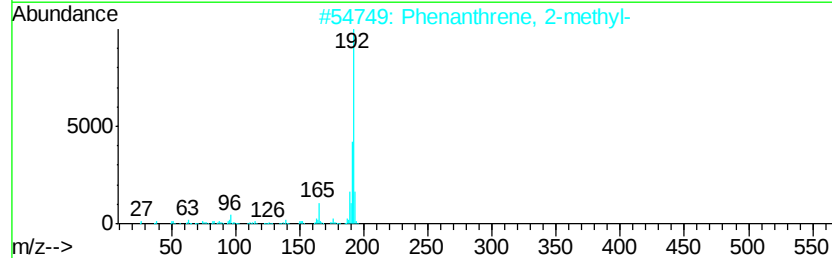
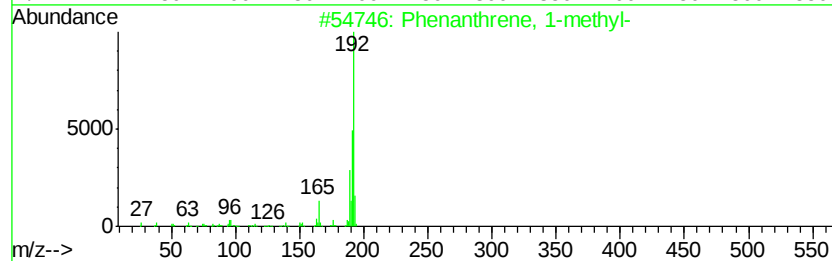
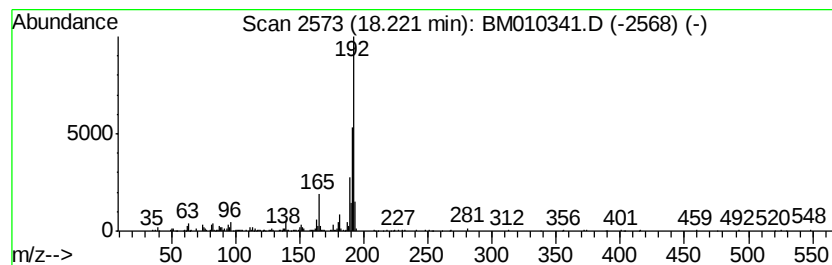
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
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Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.04 ng/ul	688459	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90



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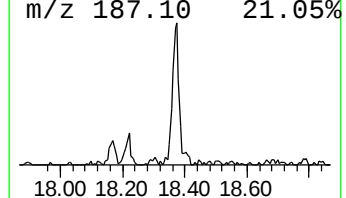
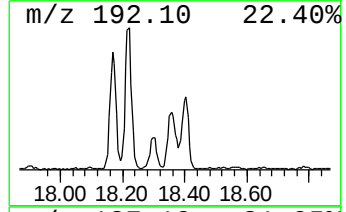
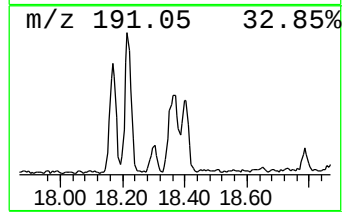
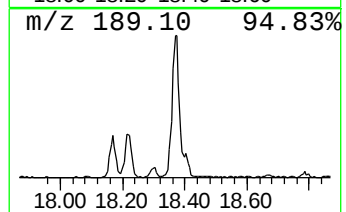
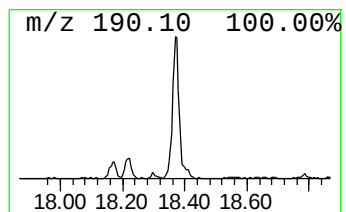
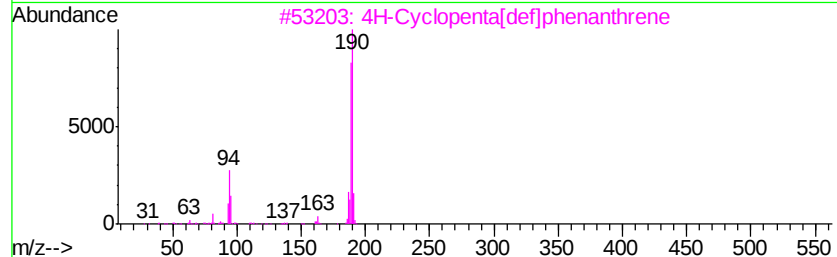
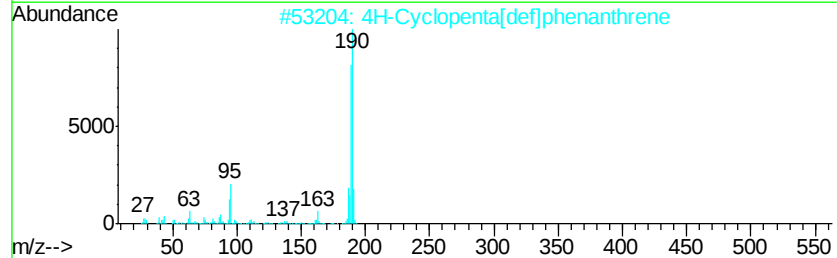
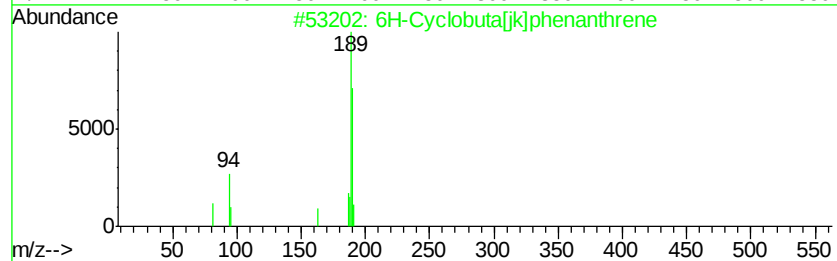
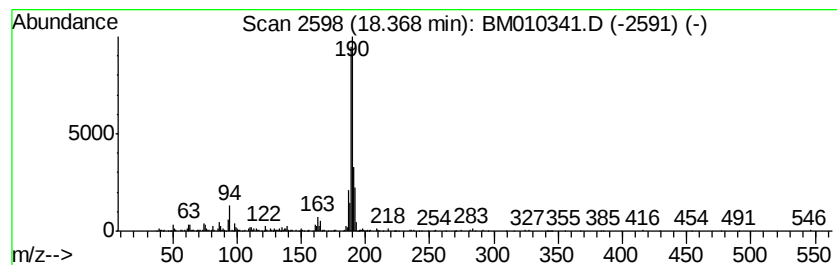
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 6H-Cyclobuta[jk]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.25 ng/ul	962847	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		Methyl diselenide	190	C2H6Se2	007101-31-7	55
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49



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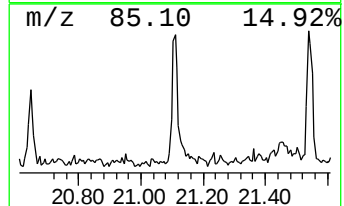
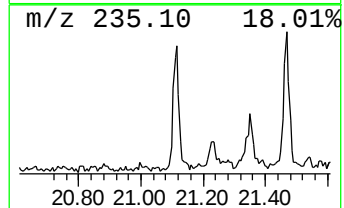
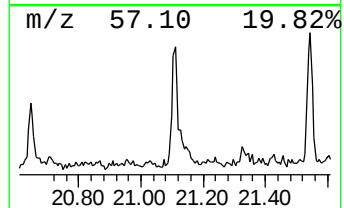
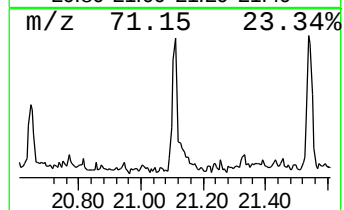
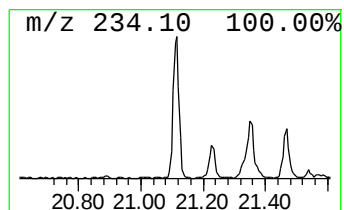
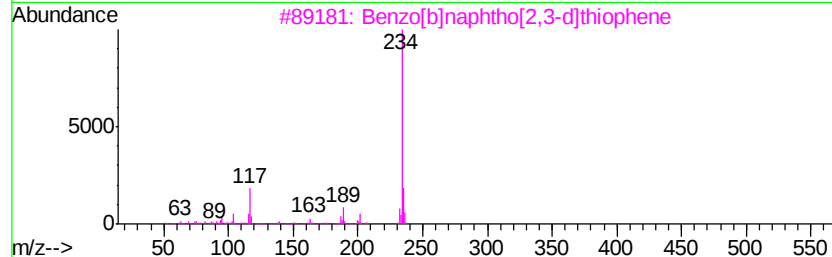
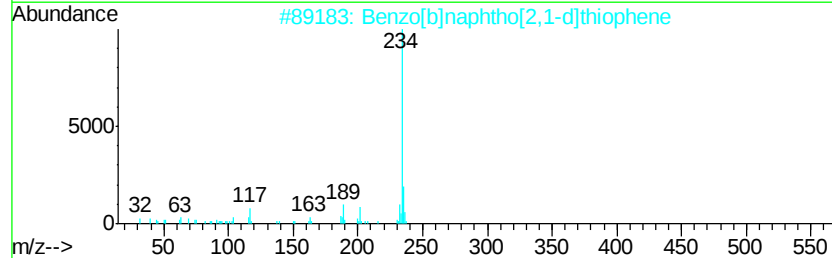
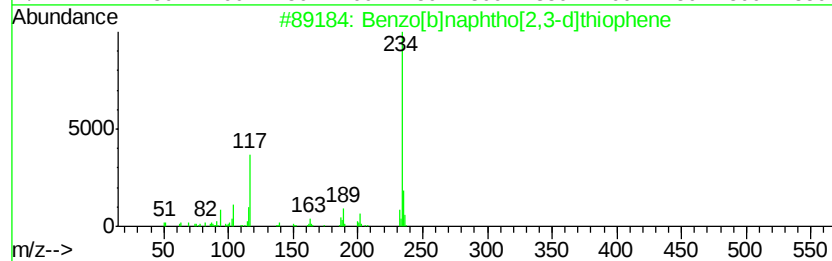
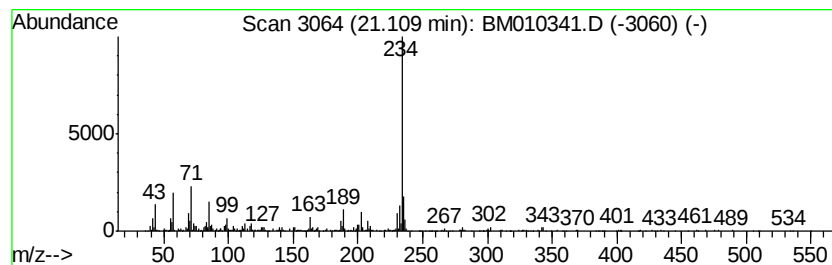
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Peak Number 4 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	2.04 ng/ul	1103660	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	89



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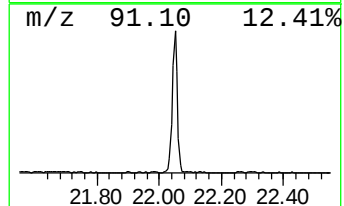
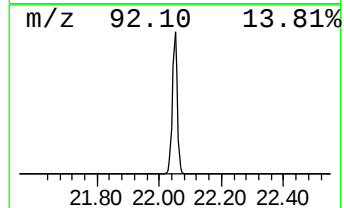
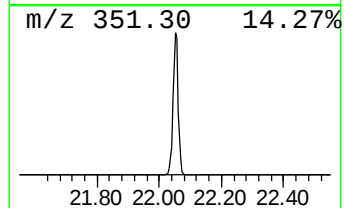
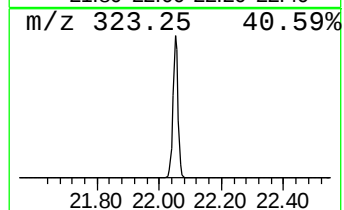
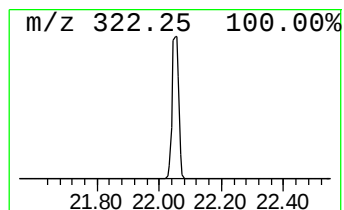
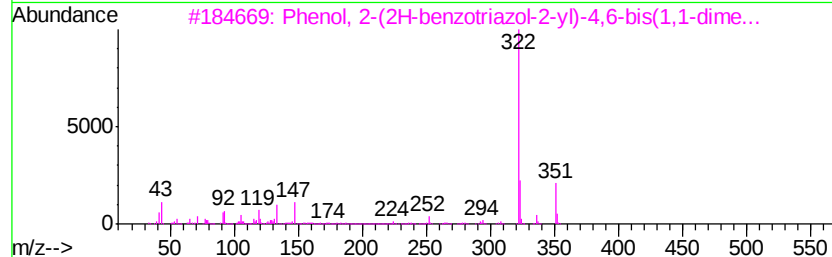
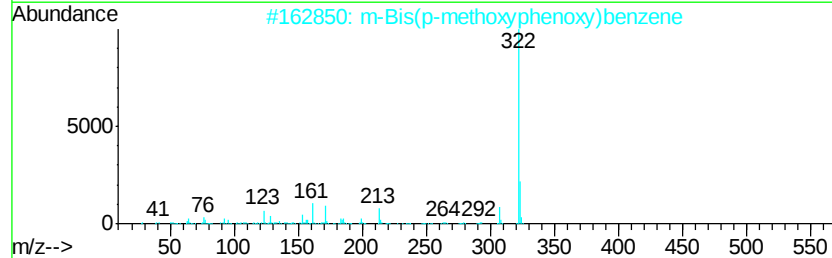
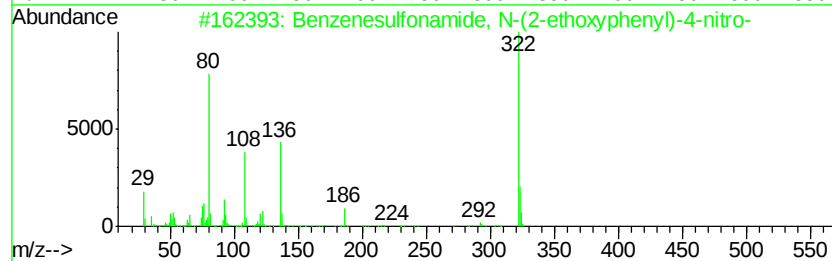
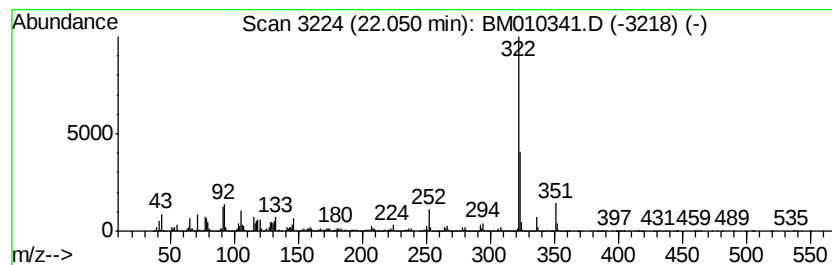
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Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	99.65 ng/ul	53907700	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-(2-ethoxyp...	322	C14H14N2O5S	1000317-27-3	47
2		m-Bis(p-methoxyphenoxy)benzene	322	C20H18O4	013118-91-7	47
3		Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	38
4		Spiro[1,3-dioxolo[4,5-g]isoquino...	351	C20H17N05	020411-03-4	36
5		1H-Indole, 3-Phenyl-2-(3'-methyl...	322	C23H18N2	164936-86-1	28



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010341.D
Acq On : 31 May 2017 20:44
Operator : SJ/MA
Sample : I3369-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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
n-Hexadecanoic acid	18.15	5.6	ng/ul	1277630	4	17.30	4531430	20.0
Phenanthrene, 1-m...	18.22	3.0	ng/ul	688459	4	17.30	4531430	20.0
6H-Cyclobuta[jk]p...	18.37	4.3	ng/ul	962847	4	17.30	4531430	20.0
Benzo[b]naphtho[2...	21.11	2.0	ng/ul	1103660	5	21.47	10819600	20.0
unknown-01	22.05	99.7	ng/ul	53907700	5	21.47	10819600	20.0