

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042618\
 Data File : BM014855.D
 Acq On : 26 Apr 2018 12:09
 Operator : SJ/JU
 Sample : J2431-15ME 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP6ME

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-BM041918.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	7.087	641	646	655	rVB2	43815	116416	1.31%	0.181%
2	7.622	730	737	749	rVB	311399	546122	6.15%	0.847%
3	7.804	761	768	774	rBV	204922	334537	3.77%	0.519%
4	8.016	799	804	813	rVB	249303	438304	4.93%	0.680%
5	8.451	874	878	881	rBV	101583	144854	1.63%	0.225%
6	8.498	881	886	894	rVB	994686	1637991	18.44%	2.540%
7	9.010	966	973	978	rBV3	56692	108063	1.22%	0.168%
8	9.075	978	984	990	rVB	68829	129949	1.46%	0.202%
9	9.145	990	996	999	rBV2	70852	112046	1.26%	0.174%
10	9.198	999	1005	1011	rVV	286715	476286	5.36%	0.739%
11	9.680	1081	1087	1099	rVB2	221449	487037	5.48%	0.755%
12	9.863	1107	1118	1126	rVB6	42094	123025	1.38%	0.191%
13	10.410	1197	1211	1215	rBV2	207054	420490	4.73%	0.652%
14	10.516	1224	1229	1234	rBV	74327	125315	1.41%	0.194%
15	10.669	1247	1255	1260	rBV2	53764	110157	1.24%	0.171%
16	10.786	1269	1275	1279	rVB2	67574	107085	1.21%	0.166%
17	10.951	1298	1303	1310	rVB	267711	433851	4.88%	0.673%
18	11.022	1310	1315	1324	rVB	71172	114496	1.29%	0.178%
19	11.345	1362	1370	1377	rBV	1433877	2465463	27.75%	3.824%
20	11.469	1384	1391	1398	rVB	303233	533578	6.01%	0.828%
21	12.968	1641	1646	1655	rBV	59172	97672	1.10%	0.151%
22	13.951	1805	1813	1818	rVB	62829	95750	1.08%	0.148%
23	14.145	1839	1846	1855	rVB	72566	123635	1.39%	0.192%
24	14.292	1862	1871	1879	rVB4	116635	307968	3.47%	0.478%
25	14.433	1887	1895	1899	rBV	145373	259264	2.92%	0.402%
26	14.492	1899	1905	1911	rVB	532167	797895	8.98%	1.237%
27	14.662	1929	1934	1938	rBV	70590	110459	1.24%	0.171%
28	14.804	1952	1958	1970	rBV	514121	865846	9.75%	1.343%
29	15.062	1992	2002	2004	rBV	120084	165648	1.86%	0.257%
30	15.104	2004	2009	2015	rVV2	2012563	3108785	34.99%	4.821%
31	15.168	2015	2020	2026	rVB	533921	797274	8.97%	1.236%
32	15.262	2030	2036	2040	rBV	172101	265209	2.99%	0.411%
33	15.409	2050	2061	2068	rBV2	60293	129106	1.45%	0.200%
34	15.492	2069	2075	2081	rVB	479523	748069	8.42%	1.160%

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35	15.562	2081	2087	2091	rBV	65982	97094	1.09%	0.151%
36	16.080	2170	2175	2180	rBV	712261	1007561	11.34%	1.563%
37	16.139	2180	2185	2189	rVV	1074176	1538670	17.32%	2.386%
38	16.180	2189	2192	2197	rVB	129771	161444	1.82%	0.250%
39	16.298	2208	2212	2217	rVB4	199181	290115	3.27%	0.450%
40	16.386	2223	2227	2230	rBV3	92998	142574	1.60%	0.221%
41	16.421	2230	2233	2240	rVB	252143	344867	3.88%	0.535%
42	16.568	2251	2258	2266	rBV	256721	495923	5.58%	0.769%
43	16.915	2313	2317	2324	rBV	74969	110954	1.25%	0.172%
44	17.127	2341	2353	2357	rBV2	154518	325482	3.66%	0.505%
45	17.274	2372	2378	2382	rVB3	62188	110853	1.25%	0.172%
46	17.345	2382	2390	2393	rBV3	58105	121568	1.37%	0.189%
47	17.539	2418	2423	2429	rBV2	56173	108751	1.22%	0.169%
48	17.639	2435	2440	2447	rVB	394048	584705	6.58%	0.907%
49	17.821	2464	2471	2474	rBV	2600800	3892179	43.81%	6.036%
50	17.862	2474	2478	2483	rVV	6369710	8883560	100.00%	13.777%
51	17.915	2483	2487	2490	rVV	764174	1126979	12.69%	1.748%
52	17.951	2490	2493	2500	rVB	932143	1242051	13.98%	1.926%
53	18.321	2552	2556	2561	rBV	68488	98180	1.11%	0.152%
54	18.674	2607	2616	2620	rBV	321186	486707	5.48%	0.755%
55	18.721	2620	2624	2629	rVB	416267	580683	6.54%	0.901%
56	18.803	2633	2638	2642	rBV	128323	181870	2.05%	0.282%
57	18.874	2643	2650	2654	rBV	712260	1186022	13.35%	1.839%
58	19.156	2693	2698	2703	rBV	262210	350927	3.95%	0.544%
59	19.562	2762	2767	2771	rBV2	72800	122564	1.38%	0.190%
60	19.827	2806	2812	2818	rBV	3523333	4656950	52.42%	7.222%
61	20.068	2849	2853	2861	rVB	94118	138169	1.56%	0.214%
62	20.156	2861	2868	2870	rBV2	1328293	2216649	24.95%	3.438%
63	20.186	2870	2873	2880	rVV	2339298	3052921	34.37%	4.735%
64	20.244	2880	2883	2891	rVB3	97570	149103	1.68%	0.231%
65	20.350	2897	2901	2906	rVB	135704	166690	1.88%	0.259%
66	20.492	2920	2925	2932	rBV5	92309	220280	2.48%	0.342%
67	20.662	2949	2954	2959	rVB	328012	468954	5.28%	0.727%
68	20.756	2965	2970	2974	rBV	405962	545463	6.14%	0.846%
69	21.556	3103	3106	3108	rBV	89851	105133	1.18%	0.163%
70	21.774	3140	3143	3149	rBV2	301792	384883	4.33%	0.597%
71	21.909	3159	3166	3170	rBV2	3623915	5857600	65.94%	9.084%

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72	21.944	3170	3172	3177	rVB	622200	753351	8.48%	1.168%
73	24.232	3557	3561	3566	rVB2	549123	915143	10.30%	1.419%
74	24.391	3581	3588	3596	rBV	2147136	4418419	49.74%	6.852%

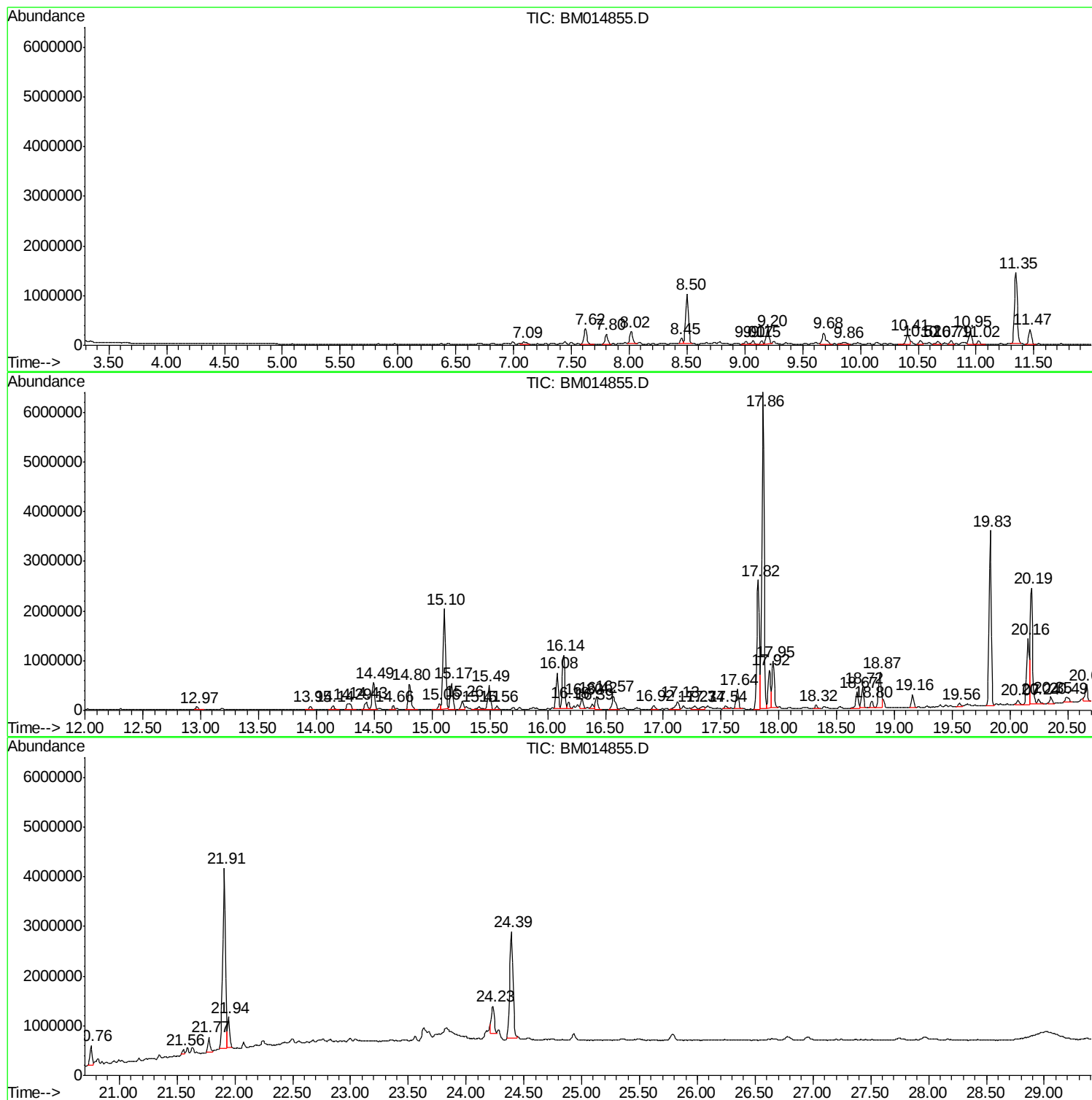
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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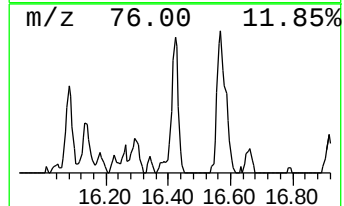
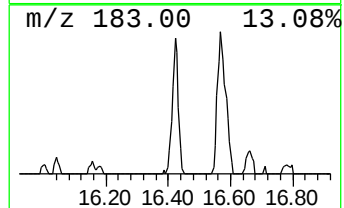
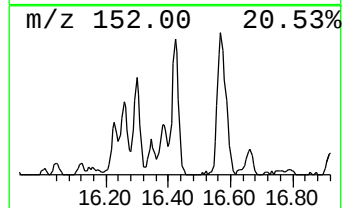
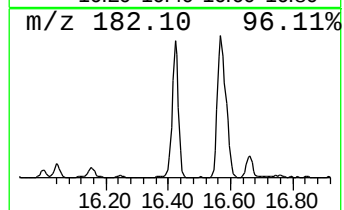
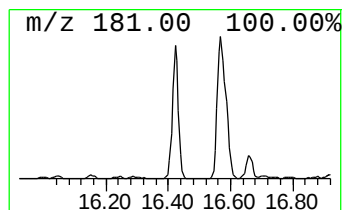
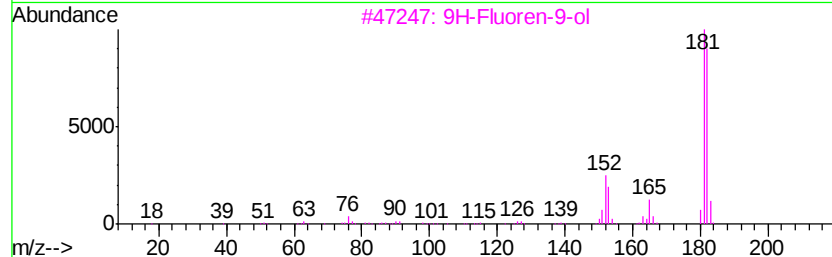
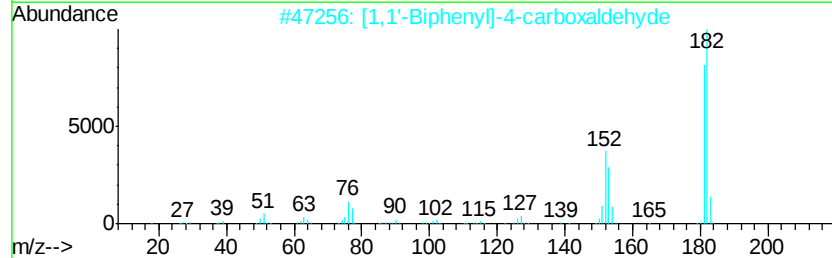
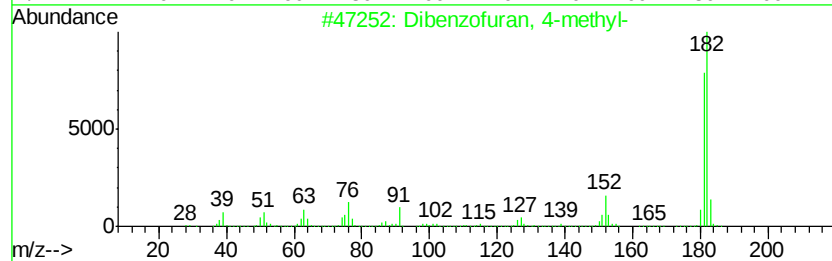
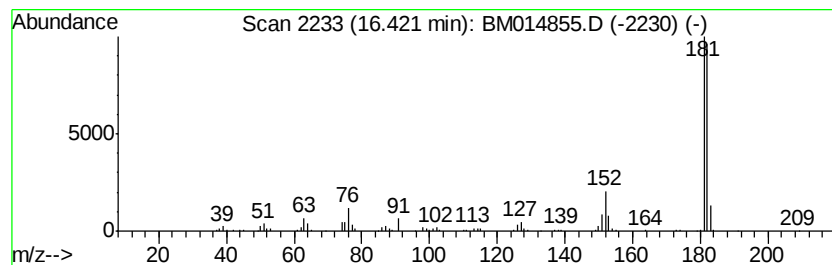
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.22 ng/ul	344867	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78



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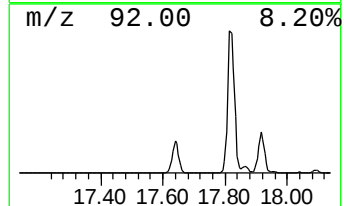
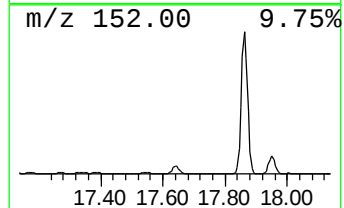
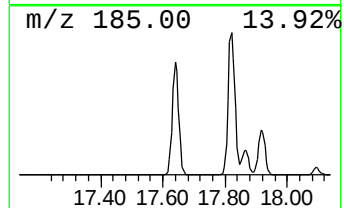
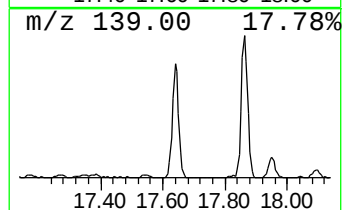
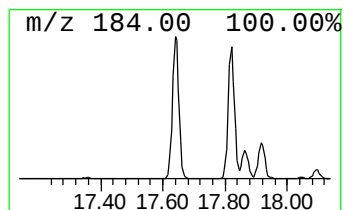
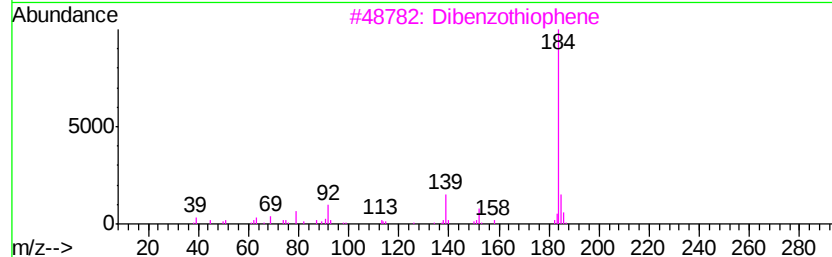
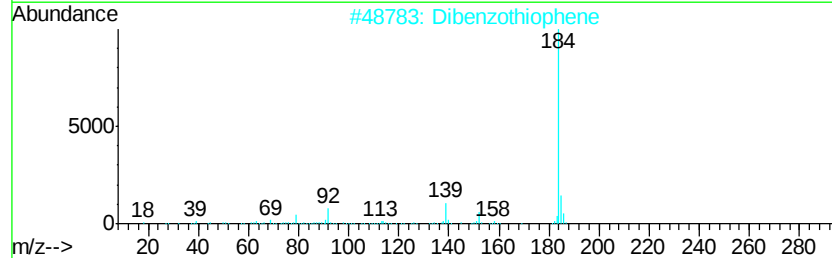
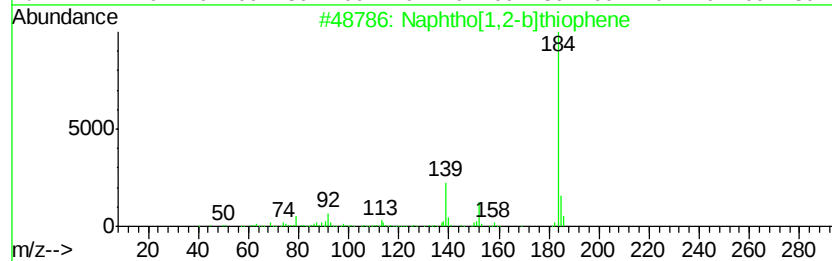
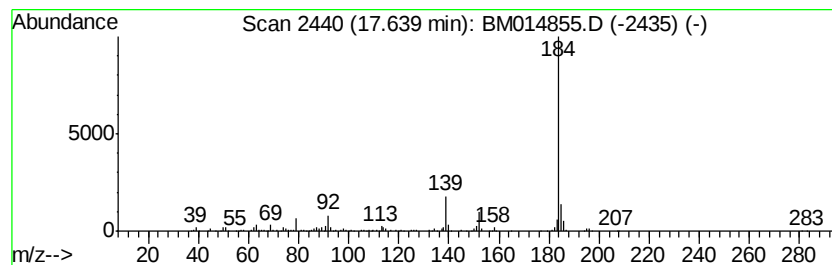
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[1,2-b]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	3.00 ng/ul	584705	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	97
3		Dibenzothiophene	184	C12H8S	000132-65-0	96
4		Dibenzothiophene	184	C12H8S	000132-65-0	96
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96



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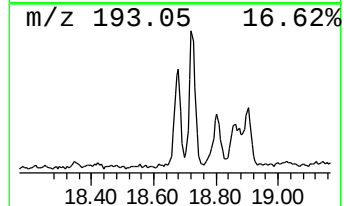
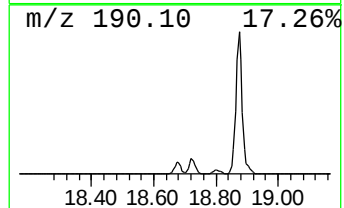
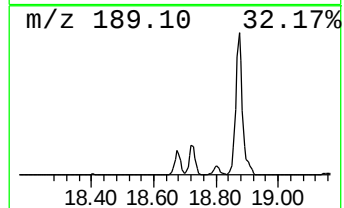
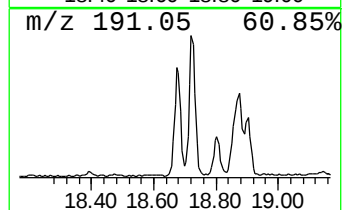
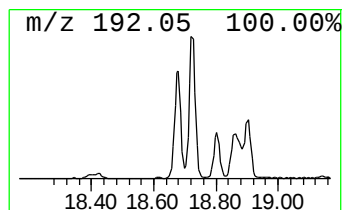
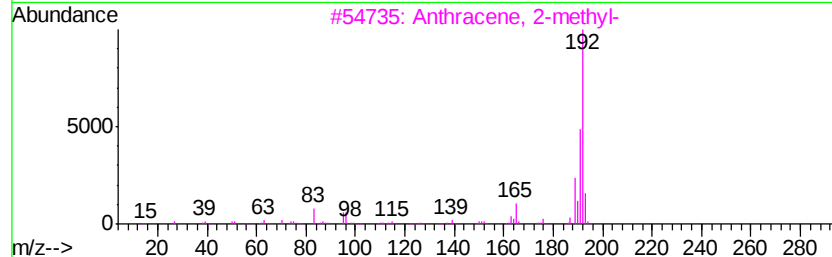
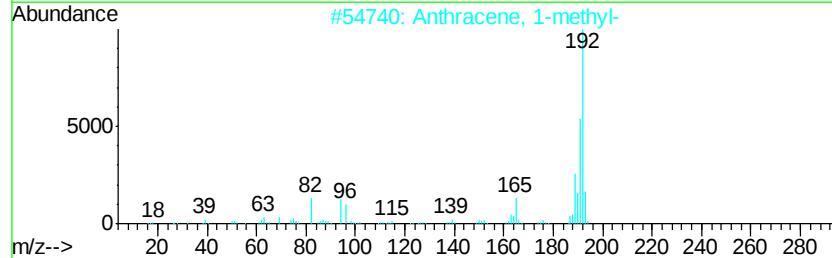
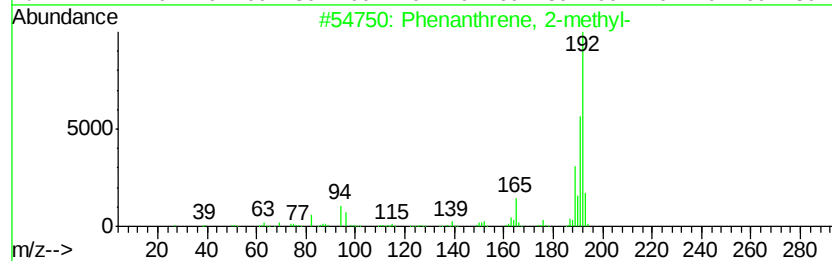
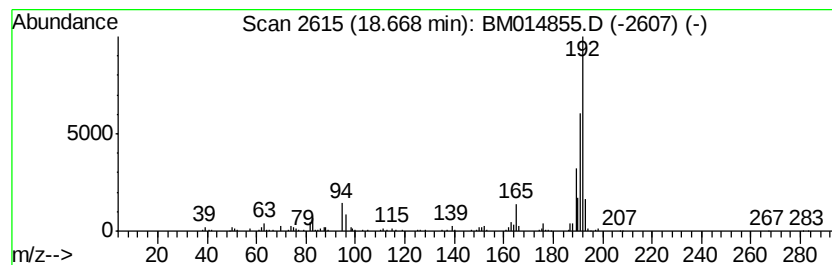
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.67	2.50 ng/ul	486707	Phenanthrene-d10	17.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



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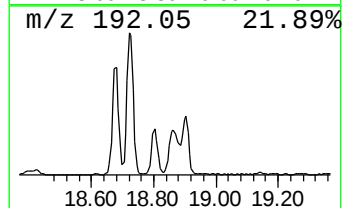
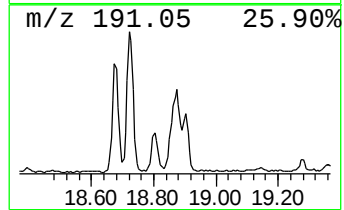
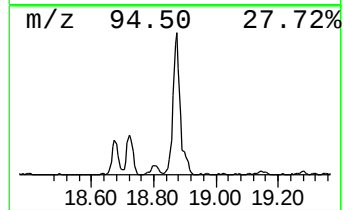
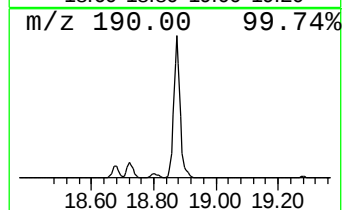
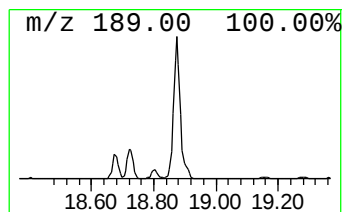
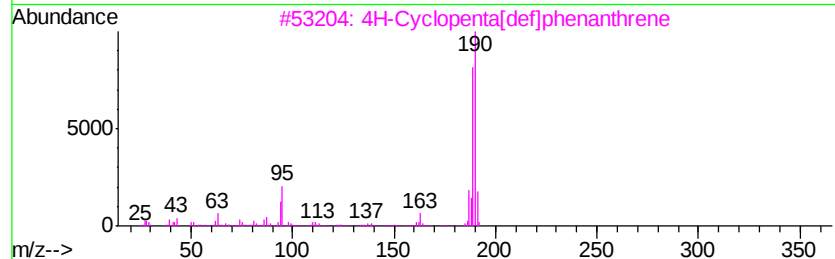
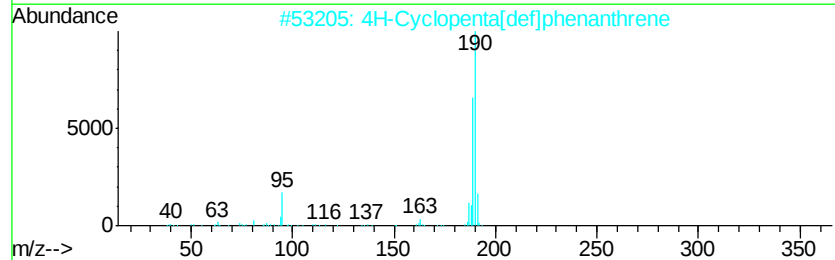
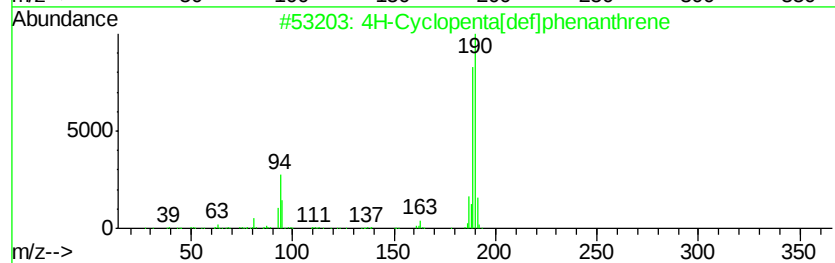
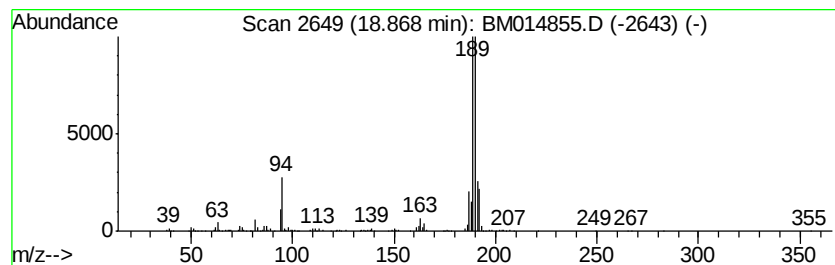
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	6.09 ng/ul	1186020	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042618\
Data File : BM014855.D
Acq On : 26 Apr 2018 12:09
Operator : SJ/JU
Sample : J2431-15ME 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Dibenzofuran, 4-m...	16.42	2.2	ng/ul	344867	3	15.10	3108790	20.0
Naphtho[1,2-b]thi...	17.64	3.0	ng/ul	584705	4	17.82	3892180	20.0
Phenanthrene, 2-m...	18.67	2.5	ng/ul	486707	4	17.82	3892180	20.0
4H-Cyclopenta[def...	18.87	6.1	ng/ul	1186020	4	17.82	3892180	20.0