

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013517.D
 Acq On : 19 Dec 2017 17:40
 Operator : SJ/JU
 Sample : I6776-06MEDL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A58MEDL

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	6.857	635	641	653	rVB3	69588	144115	3.43%	0.447%
2	7.016	663	668	676	rBV	61618	95653	2.27%	0.297%
3	7.210	696	701	708	rBV2	79433	126058	3.00%	0.391%
4	7.669	773	779	788	rBV	544468	894140	21.26%	2.772%
5	8.381	895	900	912	rVB2	86776	166695	3.96%	0.517%
6	8.828	970	976	985	rBV3	79811	156443	3.72%	0.485%
7	9.545	1092	1098	1104	rBV4	60129	107623	2.56%	0.334%
8	10.086	1183	1190	1205	rBV2	89678	188121	4.47%	0.583%
9	10.445	1244	1251	1256	rBV	773878	1328711	31.59%	4.119%
10	10.498	1256	1260	1269	rVB	363764	604311	14.37%	1.873%
11	10.604	1272	1278	1289	rVB3	81343	174541	4.15%	0.541%
12	12.116	1525	1535	1547	rBV	200414	320643	7.62%	0.994%
13	12.339	1565	1573	1580	rBV3	118440	204869	4.87%	0.635%
14	13.145	1701	1710	1716	rBV	94258	150890	3.59%	0.468%
15	13.339	1737	1743	1751	rBV	39486	67372	1.60%	0.209%
16	13.633	1785	1793	1797	rBV2	75667	128844	3.06%	0.399%
17	13.686	1799	1802	1805	rVV2	46589	60198	1.43%	0.187%
18	13.727	1805	1809	1815	rVB	207236	285462	6.79%	0.885%
19	13.869	1826	1833	1837	rBV3	32912	52717	1.25%	0.163%
20	14.004	1847	1856	1861	rBV	227073	368576	8.76%	1.143%
21	14.316	1900	1909	1914	rBV2	1181479	1852028	44.03%	5.741%
22	14.380	1914	1920	1929	rVB	807214	1243426	29.56%	3.854%
23	14.627	1957	1962	1967	rVB2	36463	57603	1.37%	0.179%
24	14.716	1970	1977	1984	rVV	538059	803959	19.11%	2.492%
25	15.310	2072	2078	2083	rBV	321558	449027	10.67%	1.392%
26	15.369	2083	2088	2093	rVB	718352	963291	22.90%	2.986%
27	15.463	2099	2104	2106	rBV5	39867	68029	1.62%	0.211%
28	15.492	2106	2109	2112	rVV	52832	68414	1.63%	0.212%
29	15.527	2112	2115	2120	rVB3	75296	98053	2.33%	0.304%
30	15.616	2127	2130	2134	rVV2	36882	47233	1.12%	0.146%
31	15.663	2134	2138	2146	rVB2	99097	154587	3.67%	0.479%
32	15.810	2156	2163	2173	rBV	97760	207466	4.93%	0.643%
33	16.039	2198	2202	2208	rVB3	33705	62890	1.50%	0.195%
34	16.374	2255	2259	2264	rVV4	55190	90935	2.16%	0.282%

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Integration Parameters: LSCINT.P

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35	16.721	2313	2318	2325	rVB	116940	169520	4.03%	0.525%
36	16.821	2325	2335	2340	rVV8	52471	122315	2.91%	0.379%
37	16.880	2340	2345	2357	rVB	194481	298394	7.09%	0.925%
38	17.063	2370	2376	2380	rBV2	1527143	2286011	54.34%	7.086%
39	17.110	2380	2384	2389	rVV	3061157	4206509	100.00%	13.040%
40	17.163	2389	2393	2396	rVV	346272	532916	12.67%	1.652%
41	17.198	2396	2399	2405	rVB	295566	405161	9.63%	1.256%
42	17.474	2440	2446	2451	rBV3	84248	127556	3.03%	0.395%
43	17.586	2459	2465	2471	rBV4	39764	69459	1.65%	0.215%
44	17.939	2520	2525	2529	rBV2	123407	182289	4.33%	0.565%
45	17.986	2529	2533	2540	rVV	168920	251376	5.98%	0.779%
46	18.074	2544	2548	2551	rVV	46528	67508	1.60%	0.209%
47	18.133	2552	2558	2562	rVV2	276386	445163	10.58%	1.380%
48	18.168	2562	2564	2572	rVB2	67990	93087	2.21%	0.289%
49	18.445	2606	2611	2615	rBV	107818	147342	3.50%	0.457%
50	18.492	2615	2619	2624	rVB5	35869	56847	1.35%	0.176%
51	19.004	2701	2706	2712	rBV7	32193	58434	1.39%	0.181%
52	19.127	2720	2727	2736	rBV	1843072	2454348	58.35%	7.608%
53	19.368	2764	2768	2772	rBV2	38271	50726	1.21%	0.157%
54	19.462	2778	2784	2786	rBV3	615332	912945	21.70%	2.830%
55	19.492	2786	2789	2797	rVV	1145372	1490640	35.44%	4.621%
56	19.562	2797	2801	2807	rVB2	42465	63421	1.51%	0.197%
57	19.674	2815	2820	2824	rBV3	53074	83047	1.97%	0.257%
58	19.821	2837	2845	2851	rBV5	44594	116838	2.78%	0.362%
59	19.951	2863	2867	2869	rBV4	33673	46561	1.11%	0.144%
60	19.992	2869	2874	2878	rVB	109626	162759	3.87%	0.505%
61	20.092	2887	2891	2896	rBV	98728	116491	2.77%	0.361%
62	20.145	2896	2900	2904	rVV4	43545	73196	1.74%	0.227%
63	20.186	2904	2907	2912	rVB5	34355	46545	1.11%	0.144%
64	20.903	3025	3029	3032	rBV2	52898	69123	1.64%	0.214%
65	20.945	3033	3036	3038	rVV3	44271	48902	1.16%	0.152%
66	20.980	3038	3042	3047	rVV4	48072	81177	1.93%	0.252%
67	21.256	3082	3089	3093	rBV	1847825	2547227	60.55%	7.896%
68	21.292	3093	3095	3102	rVB	218140	258642	6.15%	0.802%
69	23.339	3439	3443	3457	rVB2	210622	488171	11.61%	1.513%
70	23.480	3461	3467	3478	rVB	972066	1835740	43.64%	5.691%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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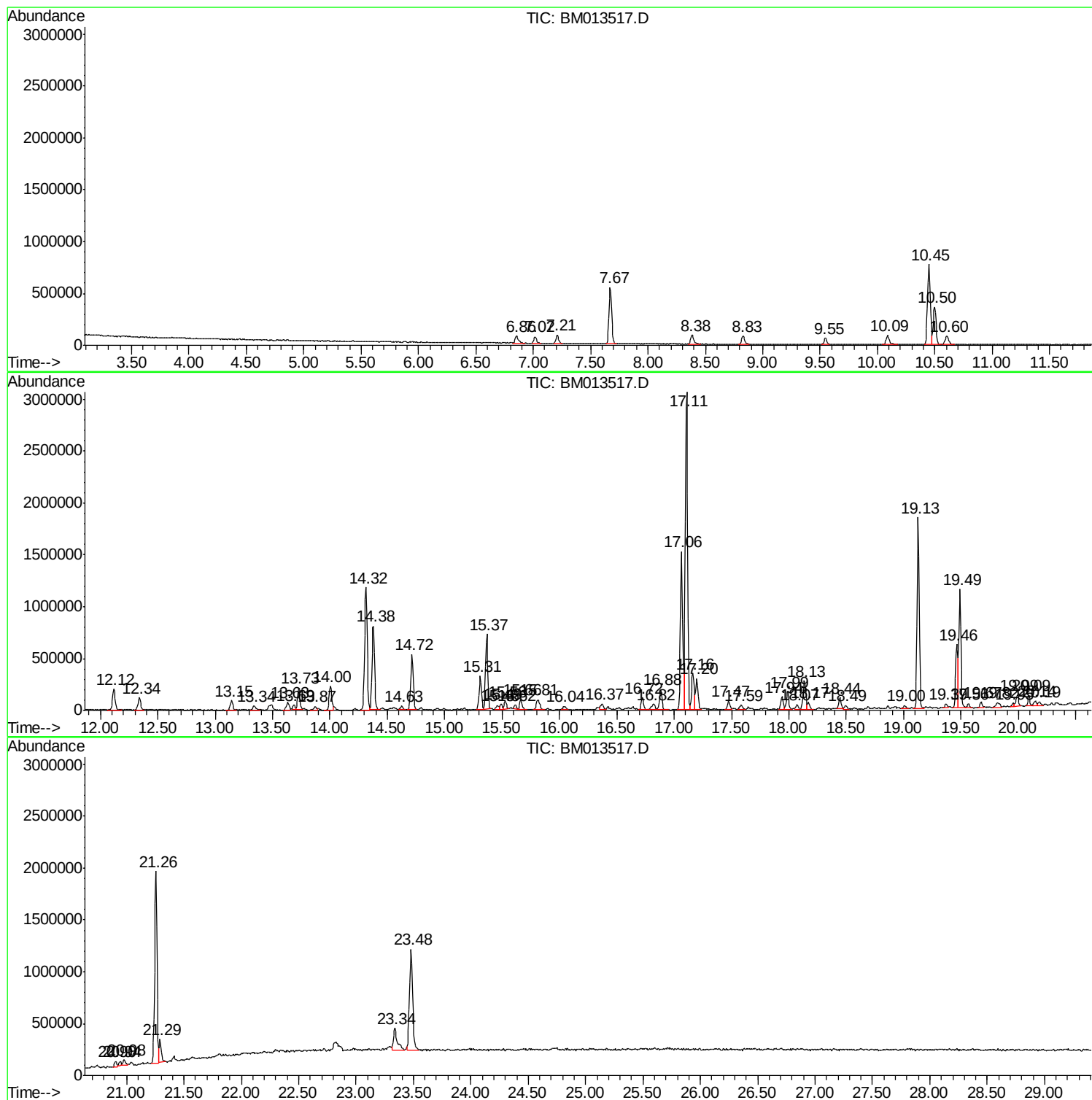
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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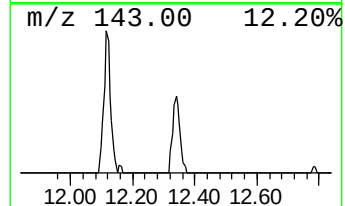
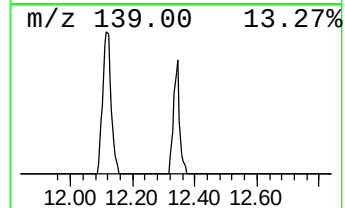
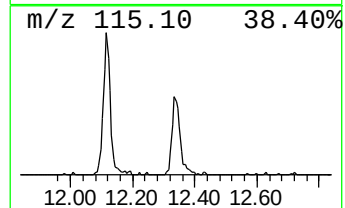
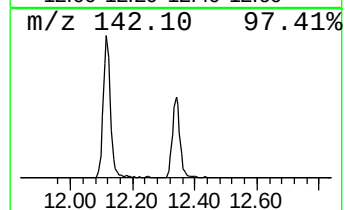
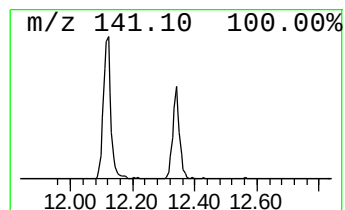
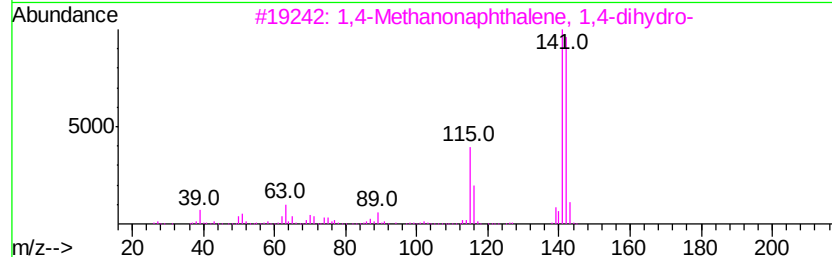
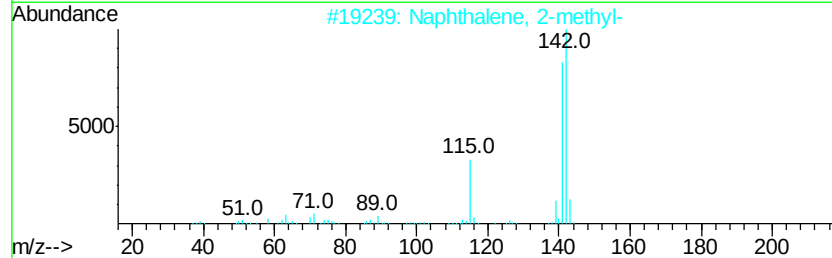
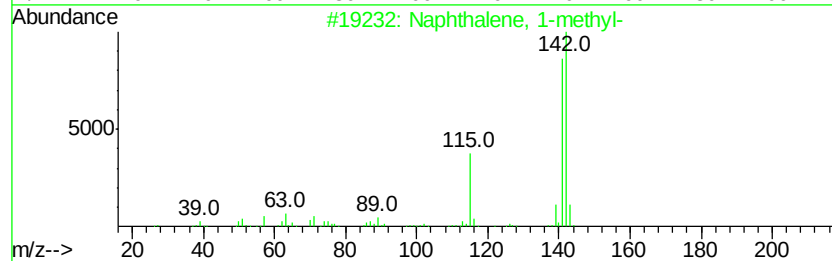
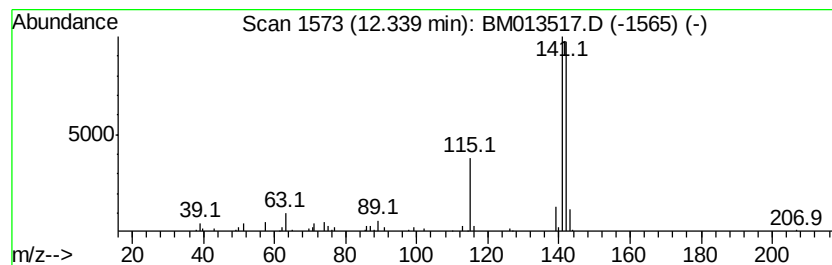
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	3.08 ng/ul	204869	Naphthalene-d8	10.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



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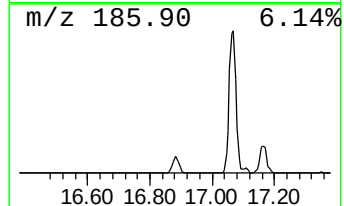
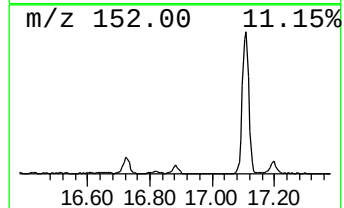
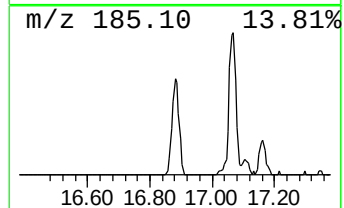
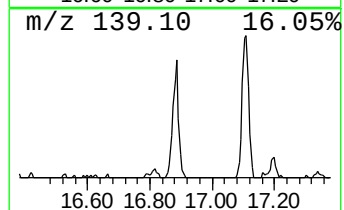
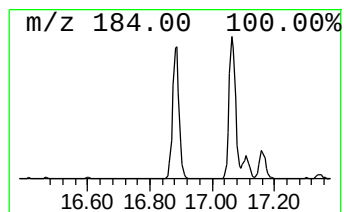
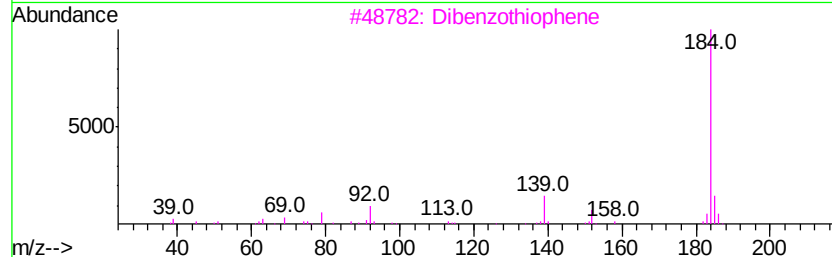
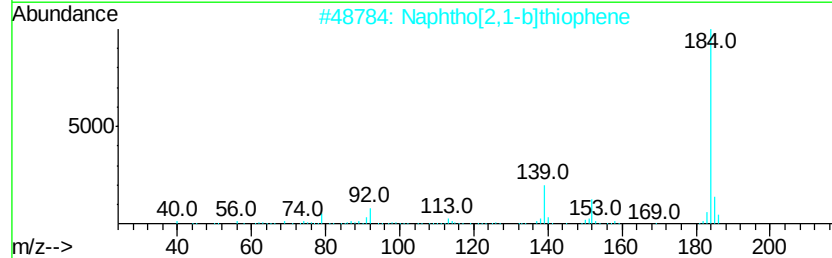
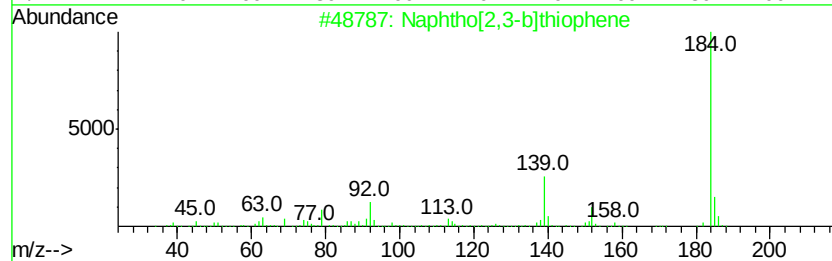
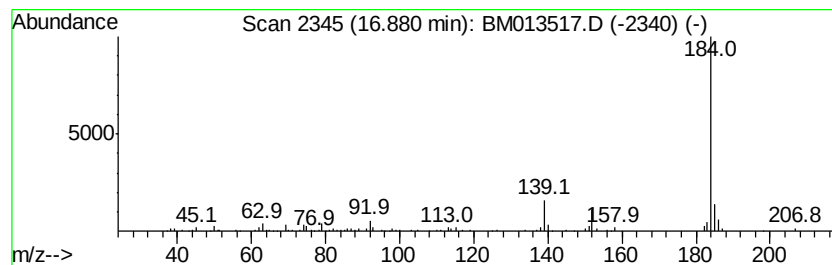
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.88	2.61 ng/ul	298394	Phenanthrene-d10		17.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5		Dibenzothiophene	184	C12H8S	000132-65-0	94



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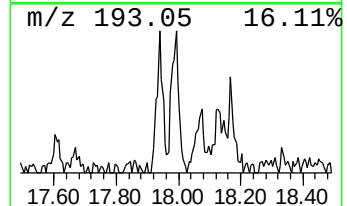
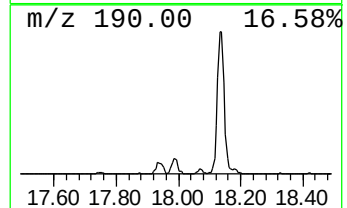
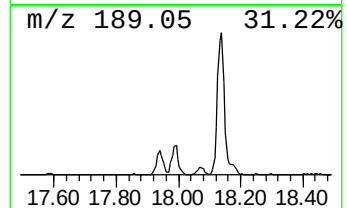
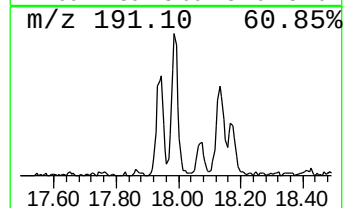
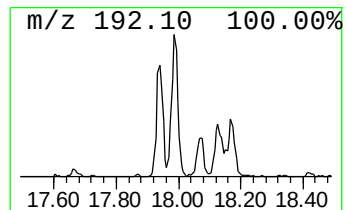
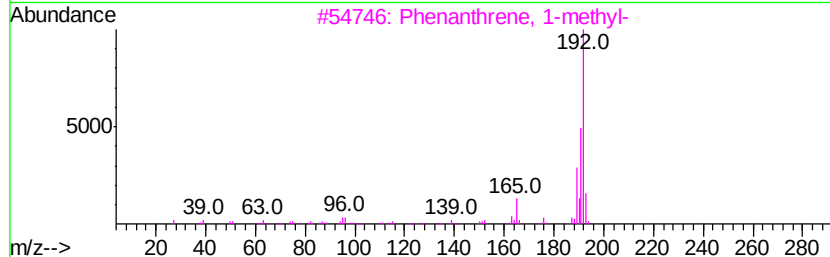
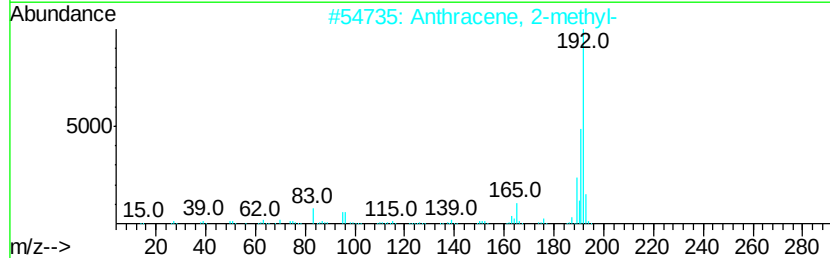
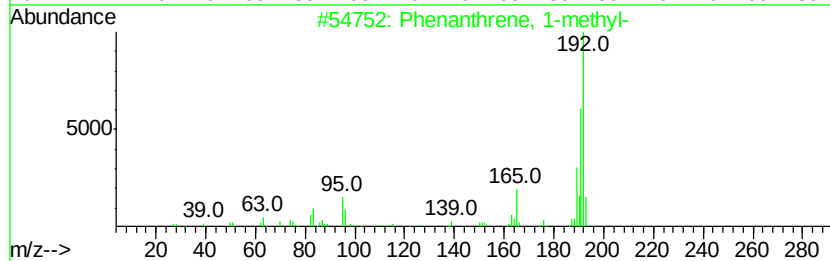
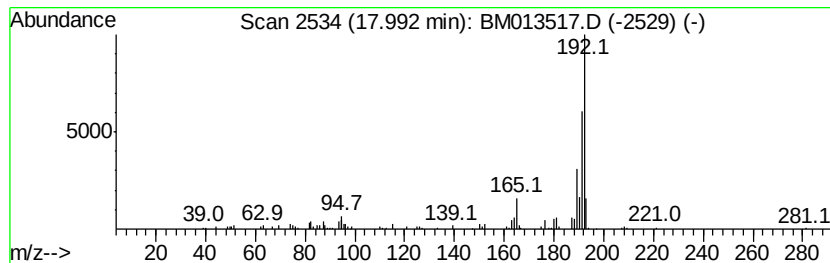
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	2.20 ng/ul	251376	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89



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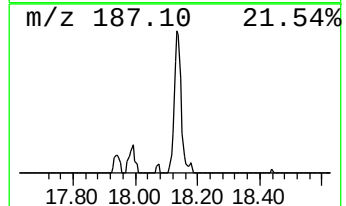
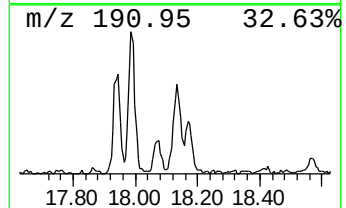
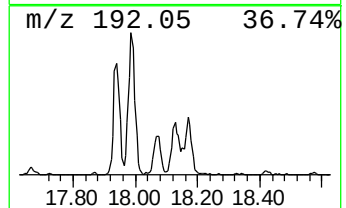
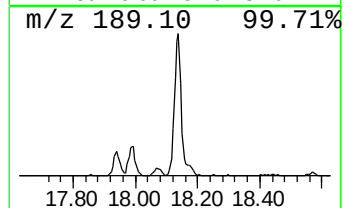
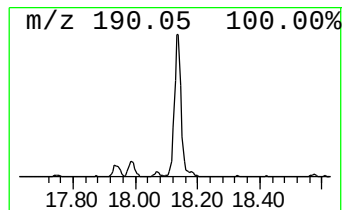
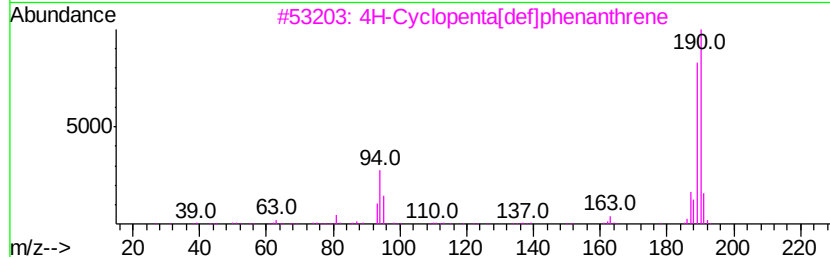
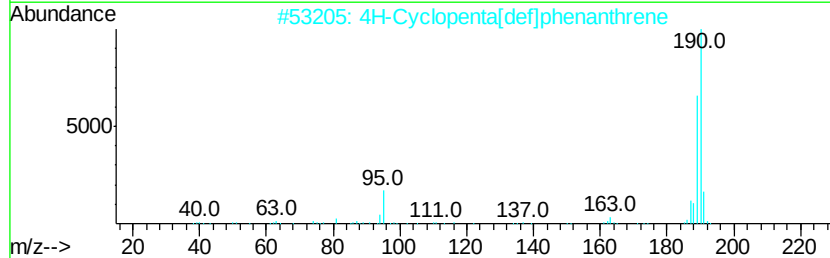
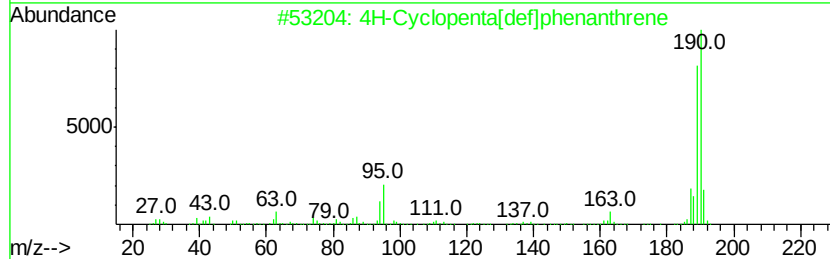
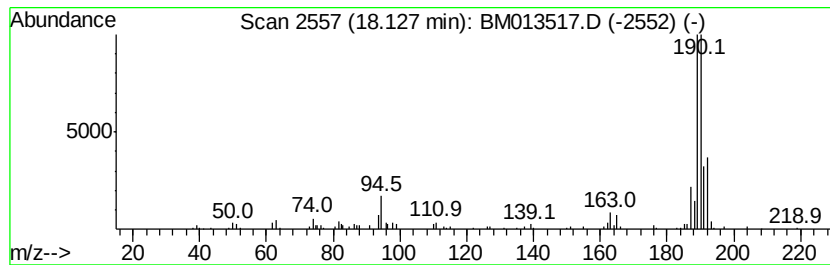
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.13	3.89 ng/ul	445163	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM121917\
Data File : BM013517.D
Acq On : 19 Dec 2017 17:40
Operator : SJ/JU
Sample : I6776-06MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A58MEDL

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...	12.34	3.1	ng/ul	204869	2	10.45	1328710	20.0
Naphtho[2,3-b]thi...	16.88	2.6	ng/ul	298394	4	17.06	2286010	20.0
Phenanthrene, 1-m...	17.99	2.2	ng/ul	251376	4	17.06	2286010	20.0
4H-Cyclopenta[def...	18.13	3.9	ng/ul	445163	4	17.06	2286010	20.0