

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010545.D
 Acq On : 12 Jun 2017 21:09
 Operator : SJ/MA
 Sample : I3521-09DL 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C57DL

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	7.069	674	677	683	rBV6	19983	38879	1.06%	0.122%
2	7.428	733	738	743	rBV7	21578	37751	1.03%	0.118%
3	7.887	809	816	823	rBV	597949	959598	26.13%	3.004%
4	10.322	1225	1230	1235	rBV5	27600	47803	1.30%	0.150%
5	10.687	1286	1292	1297	rBV	711343	1265844	34.47%	3.963%
6	10.740	1297	1301	1311	rVB	768686	1242586	33.84%	3.890%
7	10.863	1315	1322	1331	rVB3	52779	101624	2.77%	0.318%
8	12.345	1567	1574	1581	rBV	451599	730437	19.89%	2.287%
9	12.563	1601	1611	1620	rBV	237983	409731	11.16%	1.283%
10	13.357	1740	1746	1754	rBV	136878	210199	5.72%	0.658%
11	13.551	1773	1779	1783	rBV2	46942	88782	2.42%	0.278%
12	13.675	1794	1800	1802	rBV2	92572	149190	4.06%	0.467%
13	13.834	1822	1827	1832	rBV2	119416	220216	6.00%	0.689%
14	13.892	1832	1837	1841	rVV2	78084	115908	3.16%	0.363%
15	13.939	1841	1845	1849	rVV3	60543	97074	2.64%	0.304%
16	13.986	1849	1853	1858	rVB2	65379	92135	2.51%	0.288%
17	14.075	1863	1868	1872	rBV2	52480	82388	2.24%	0.258%
18	14.228	1886	1894	1904	rBV6	69684	169238	4.61%	0.530%
19	14.486	1934	1938	1940	rBV2	75014	99035	2.70%	0.310%
20	14.528	1940	1945	1951	rVV2	1196719	1858331	50.61%	5.817%
21	14.586	1951	1955	1961	rVB	531426	808202	22.01%	2.530%
22	14.834	1992	1997	2001	rVB4	29802	40111	1.09%	0.126%
23	14.922	2004	2012	2018	rVV	536155	818302	22.28%	2.562%
24	14.981	2018	2022	2030	rVB6	33965	50443	1.37%	0.158%
25	15.128	2041	2047	2051	rBV4	23656	38712	1.05%	0.121%
26	15.516	2108	2113	2117	rVB2	92075	120072	3.27%	0.376%
27	15.575	2117	2123	2130	rVB	785062	1142225	31.11%	3.576%
28	15.657	2132	2137	2140	rBV6	41205	63594	1.73%	0.199%
29	15.728	2146	2149	2154	rVB4	71554	104460	2.84%	0.327%
30	15.816	2161	2164	2168	rBV2	36362	60674	1.65%	0.190%
31	15.863	2168	2172	2177	rVB	112768	168444	4.59%	0.527%
32	16.010	2191	2197	2203	rBV	116741	244895	6.67%	0.767%
33	16.098	2208	2212	2217	rVB4	31876	41303	1.12%	0.129%
34	16.198	2226	2229	2234	rBV5	25668	37094	1.01%	0.116%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	16.569	2284	2292	2296	rBV3	81443	150043	4.09%	0.470%
36	16.616	2296	2300	2306	rVB6	34044	55667	1.52%	0.174%
37	16.716	2314	2317	2322	rVB3	38634	54686	1.49%	0.171%
38	16.786	2322	2329	2332	rBV7	38339	78559	2.14%	0.246%
39	16.980	2358	2362	2363	rBV2	35508	37135	1.01%	0.116%
40	17.092	2376	2381	2388	rVB	171540	274051	7.46%	0.858%
41	17.275	2406	2412	2415	rBV	1840106	2570385	70.00%	8.046%
42	17.316	2415	2419	2425	rVV	2622334	3550889	96.70%	11.116%
43	17.369	2425	2428	2431	rVV2	122906	175699	4.78%	0.550%
44	17.404	2431	2434	2444	rVB	323272	484838	13.20%	1.518%
45	17.692	2474	2483	2491	rBV2	150985	280965	7.65%	0.880%
46	17.786	2494	2499	2506	rBV6	41313	72106	1.96%	0.226%
47	17.863	2506	2512	2515	rBV6	23528	47177	1.28%	0.148%
48	18.139	2552	2559	2563	rBV	157480	250104	6.81%	0.783%
49	18.192	2563	2568	2576	rVB	216925	305473	8.32%	0.956%
50	18.269	2576	2581	2586	rBV	89140	141311	3.85%	0.442%
51	18.339	2587	2593	2597	rVV2	263017	457854	12.47%	1.433%
52	18.374	2597	2599	2603	rVB	85862	98291	2.68%	0.308%
53	18.639	2640	2644	2651	rVB	123513	172340	4.69%	0.539%
54	19.045	2709	2713	2717	rBV4	50368	82963	2.26%	0.260%
55	19.321	2755	2760	2766	rBV	1356698	1812480	49.36%	5.674%
56	19.574	2800	2803	2809	rVB4	46098	77866	2.12%	0.244%
57	19.657	2811	2817	2819	rVV2	340232	525629	14.31%	1.645%
58	19.686	2819	2822	2829	rVV	770011	1157959	31.53%	3.625%
59	19.751	2831	2833	2839	rVB4	47329	66613	1.81%	0.209%
60	19.868	2849	2853	2857	rBV3	58877	78161	2.13%	0.245%
61	20.004	2871	2876	2877	rBV5	61225	90130	2.45%	0.282%
62	20.180	2902	2906	2910	rVB	178755	237621	6.47%	0.744%
63	20.274	2918	2922	2926	rBV	194719	258664	7.04%	0.810%
64	21.439	3113	3120	3124	rBV	2644999	3671991	100.00%	11.495%
65	23.774	3511	3517	3525	rVB2	1531570	2871739	78.21%	8.990%

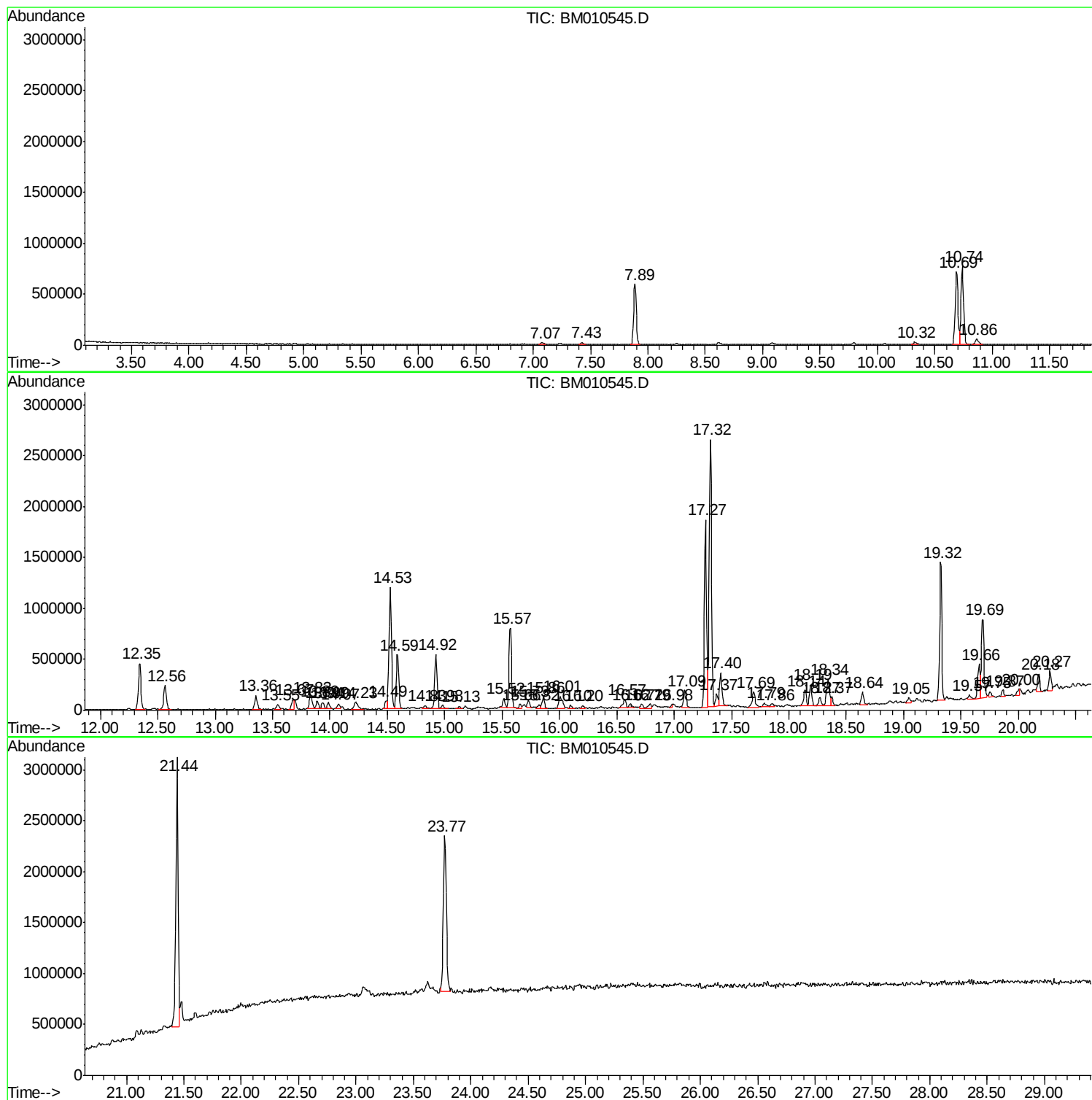
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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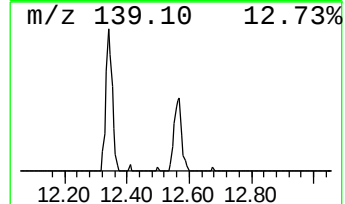
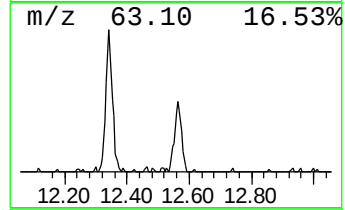
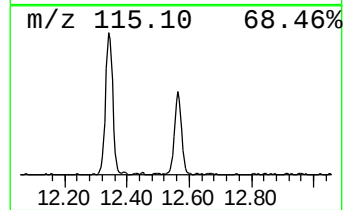
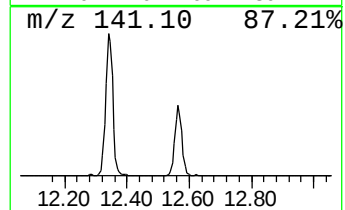
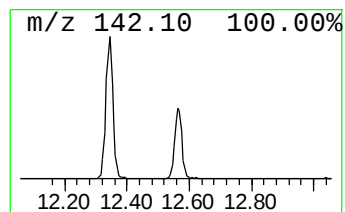
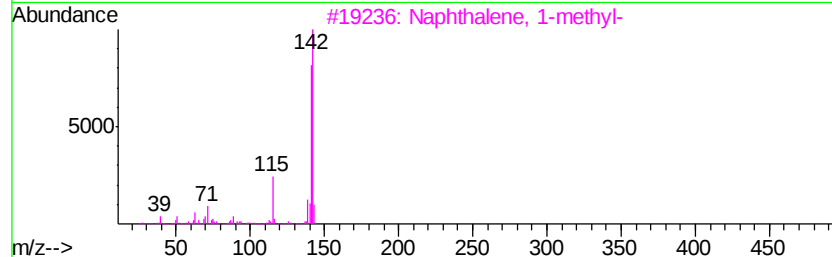
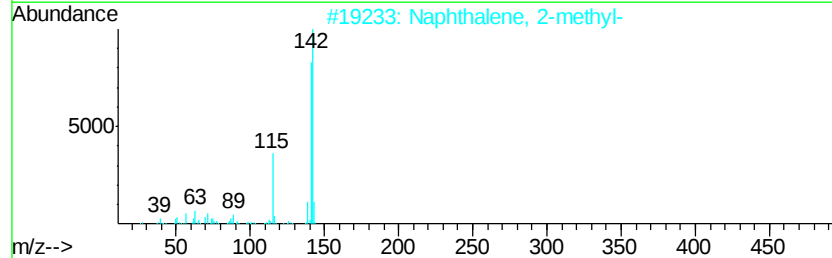
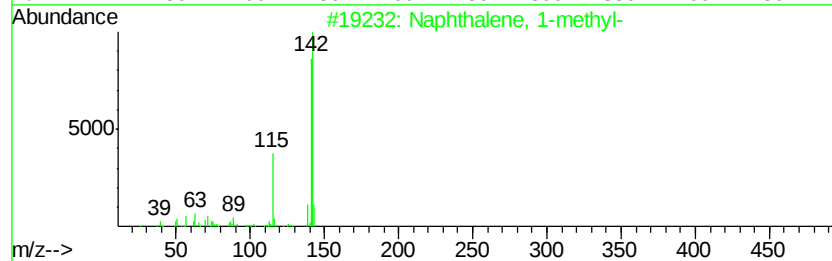
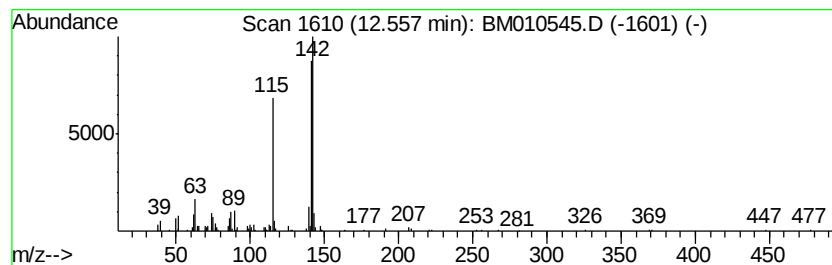
Instrument :
BNA_M
ClientSampleId :
F5C57DL

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.56	6.47 ng/ul	409731	Naphthalene-d8	10.69		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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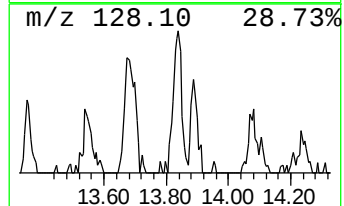
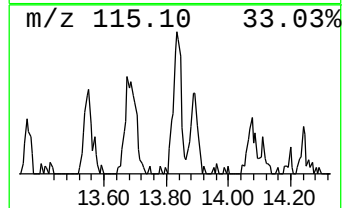
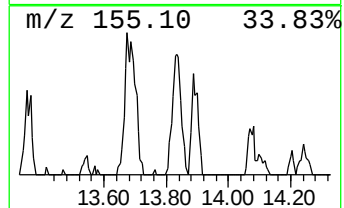
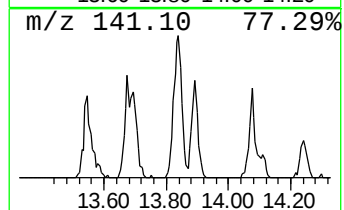
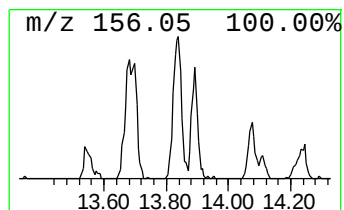
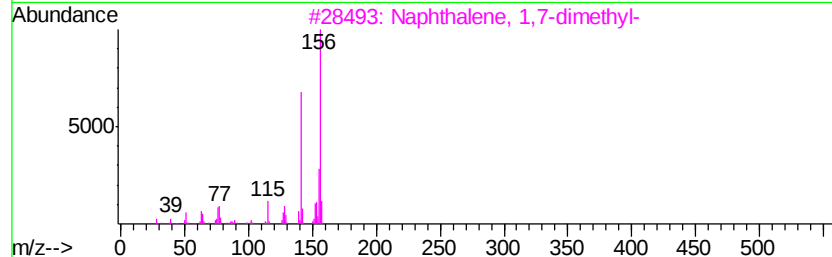
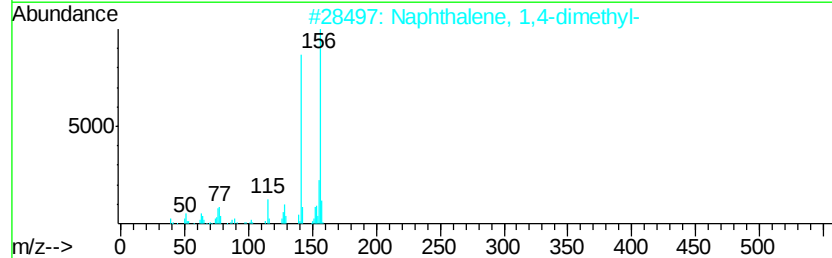
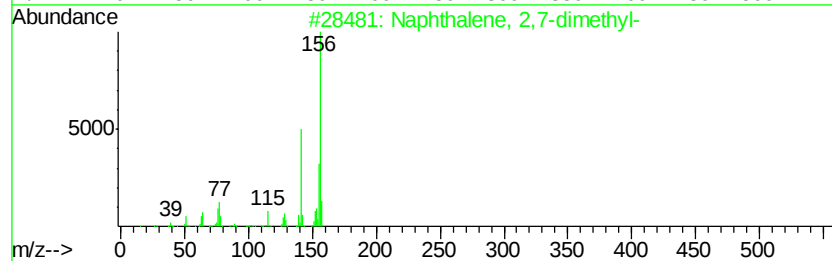
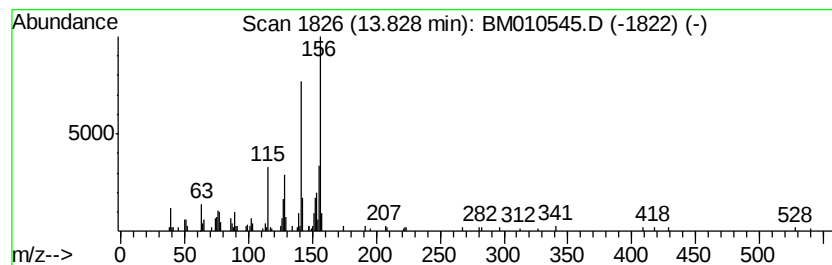
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.37 ng/ul	220216	Acenaphthene-d10	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



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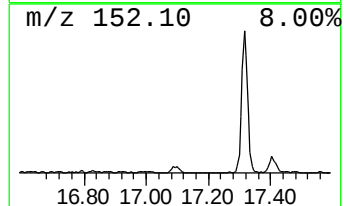
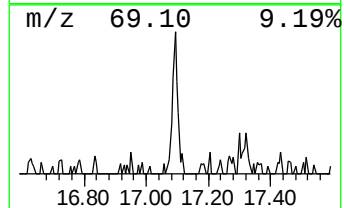
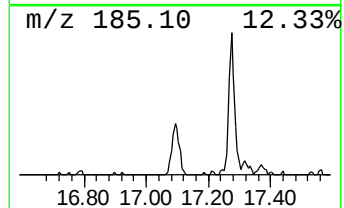
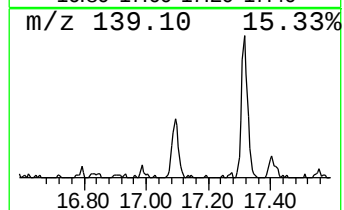
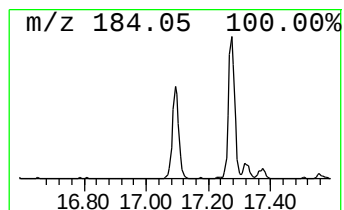
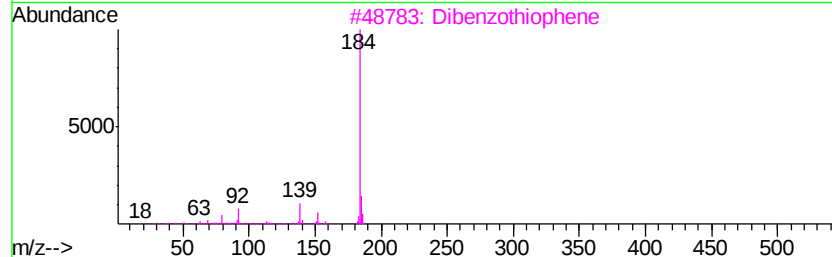
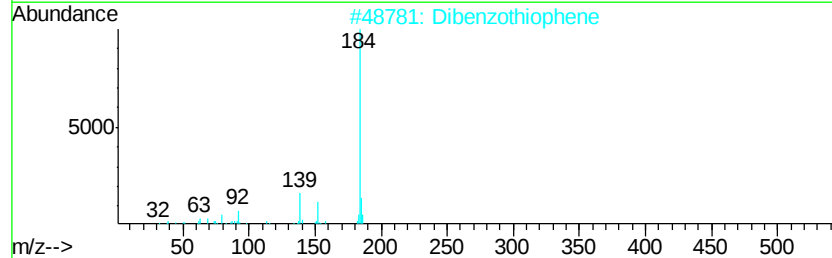
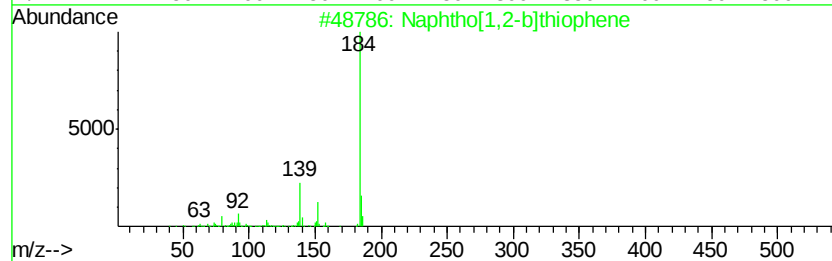
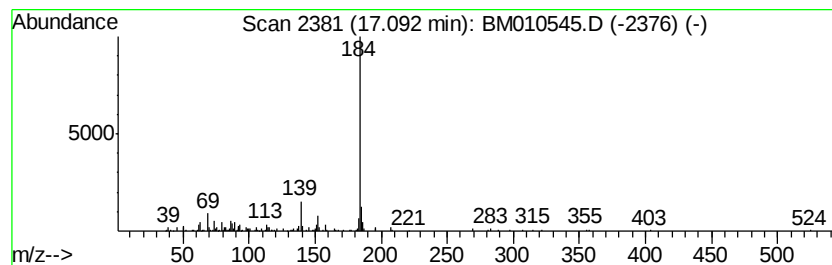
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphtho[1,2-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	2.13 ng/ul	274051	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2		Dibenzothiophene	184	C12H8S	000132-65-0	90
3		Dibenzothiophene	184	C12H8S	000132-65-0	90
4		Dibenzothiophene	184	C12H8S	000132-65-0	90
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90



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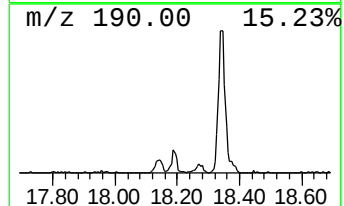
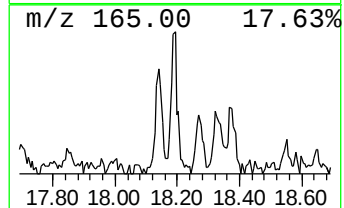
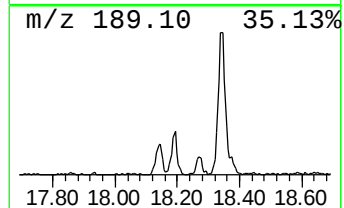
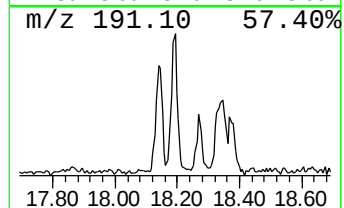
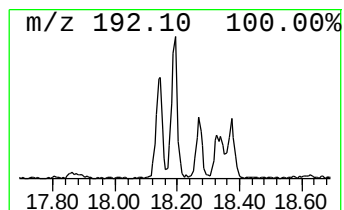
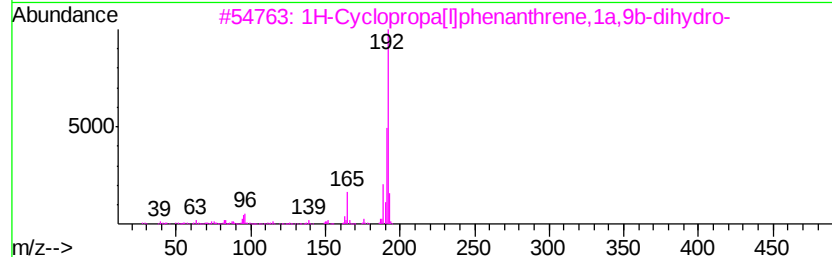
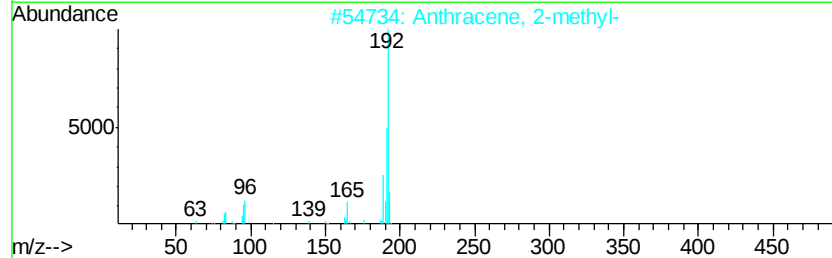
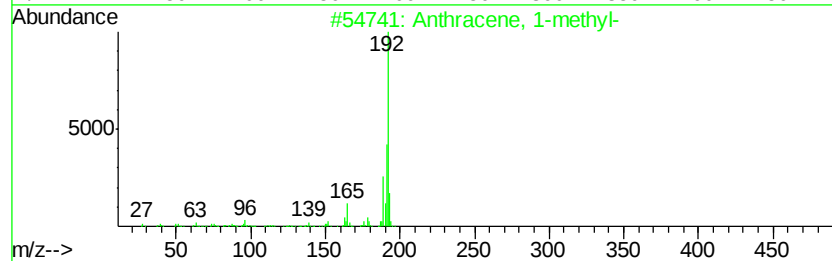
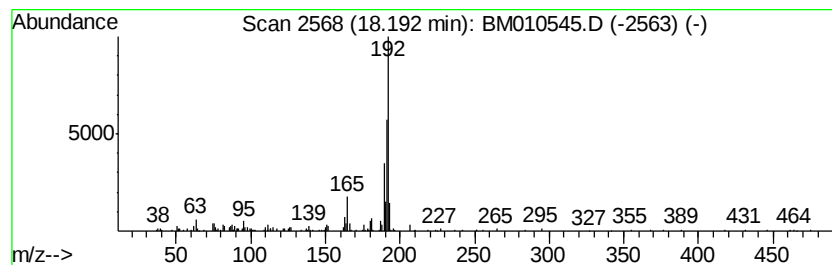
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.38 ng/ul	305473	Phenanthrene-d10	17.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



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F5C57DL

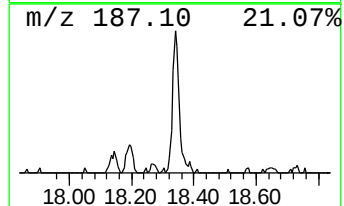
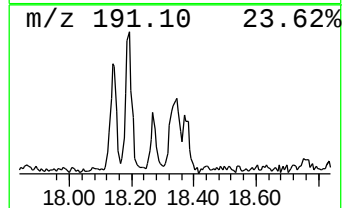
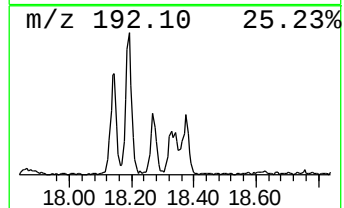
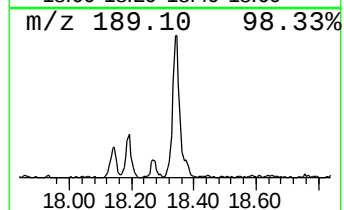
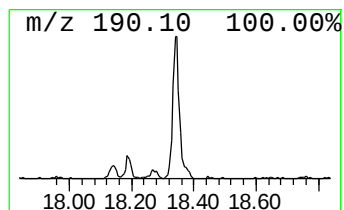
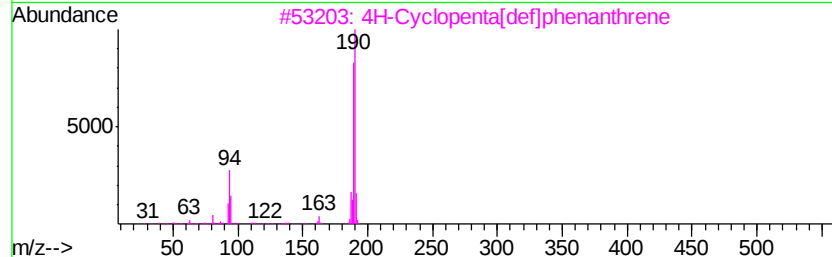
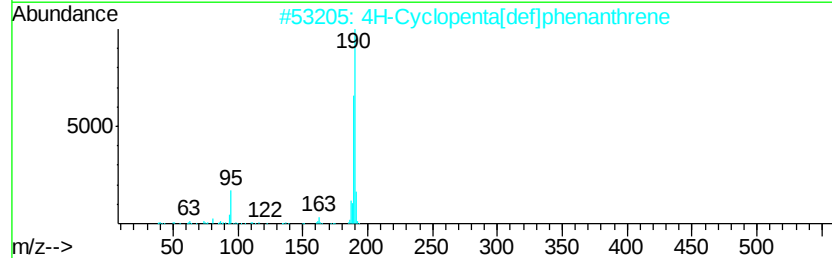
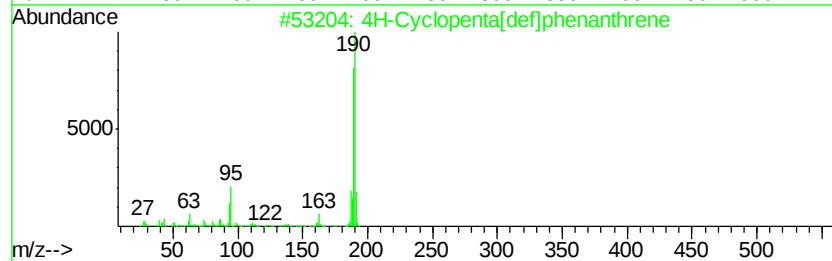
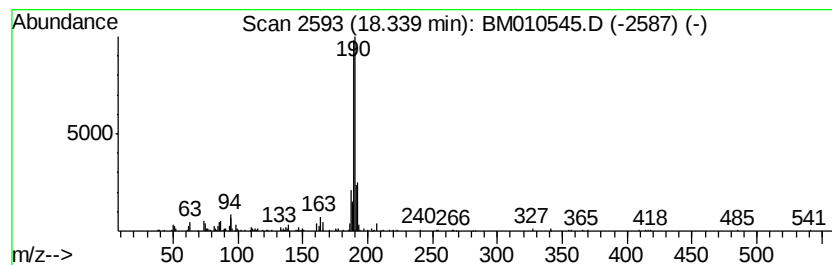
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.56 ng/ul	457854	Phenanthrene-d10	17.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C57DL

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
Naphthalene, 1-me...	12.56	6.5	ng/ul	409731	2	10.69	1265840	20.0
Naphthalene, 2,7-...	13.83	2.4	ng/ul	220216	3	14.53	1858330	20.0
Naphtho[1,2-b]thi...	17.09	2.1	ng/ul	274051	4	17.27	2570390	20.0
Anthracene, 1-met...	18.19	2.4	ng/ul	305473	4	17.27	2570390	20.0
4H-Cyclopenta[def...	18.34	3.6	ng/ul	457854	4	17.27	2570390	20.0