

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010715.D
 Acq On : 24 Jun 2017 06:14
 Operator : SJ/JU
 Sample : I3627-17DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A90DL

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-BM062017.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	6.645	632	639	646	rBV2	49756	77889	3.76%	0.359%
2	6.810	660	667	675	rBB	36810	53783	2.60%	0.248%
3	6.998	693	699	705	rBV	50797	74353	3.59%	0.343%
4	7.457	770	777	786	rBB	336394	512655	24.76%	2.363%
5	7.828	833	840	845	rBV2	19405	25510	1.23%	0.118%
6	8.163	892	897	903	rBB	68320	97957	4.73%	0.452%
7	8.598	966	971	980	rBB2	55531	86042	4.16%	0.397%
8	9.316	1086	1093	1099	rBV	47181	68269	3.30%	0.315%
9	9.845	1178	1183	1189	rVB	79199	116394	5.62%	0.537%
10	10.222	1240	1247	1251	rBV	497621	824084	39.80%	3.799%
11	10.269	1251	1255	1263	rVV	973436	1587027	76.66%	7.317%
12	10.363	1263	1271	1281	rVV3	59137	137423	6.64%	0.634%
13	11.892	1524	1531	1540	rBB	368632	569226	27.49%	2.624%
14	12.116	1560	1569	1577	rBB	169603	270907	13.09%	1.249%
15	12.933	1701	1708	1715	rBB	88701	121335	5.86%	0.559%
16	13.127	1736	1741	1750	rBB2	35592	55986	2.70%	0.258%
17	13.263	1759	1764	1765	rBV2	57409	71156	3.44%	0.328%
18	13.422	1786	1791	1797	rBV2	92615	155643	7.52%	0.718%
19	13.480	1797	1801	1805	rVV2	60708	85520	4.13%	0.394%
20	13.527	1805	1809	1814	rVV	157279	217439	10.50%	1.002%
21	13.574	1814	1817	1822	rVB	63855	80787	3.90%	0.372%
22	13.663	1828	1832	1836	rBV2	38605	55025	2.66%	0.254%
23	13.798	1849	1855	1859	rBV	165981	234574	11.33%	1.081%
24	14.110	1900	1908	1914	rBV2	818376	1294193	62.51%	5.967%
25	14.174	1914	1919	1924	rBV	293697	399992	19.32%	1.844%
26	14.321	1938	1944	1954	rBB3	66979	109840	5.31%	0.506%
27	14.510	1971	1976	1984	rVB	322026	477722	23.07%	2.202%
28	14.592	1985	1990	1995	rBV4	27249	36394	1.76%	0.168%
29	14.733	2010	2014	2020	rBV3	14347	23799	1.15%	0.110%
30	14.786	2020	2023	2028	rVB2	18034	24869	1.20%	0.115%
31	15.110	2072	2078	2083	rBV	246752	338258	16.34%	1.559%
32	15.168	2083	2088	2092	rVB	297816	396593	19.16%	1.828%
33	15.233	2092	2099	2103	rBV4	47883	76960	3.72%	0.355%
34	15.333	2112	2116	2120	rVB	39297	55457	2.68%	0.256%

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35	15.415	2126	2130	2134	rVB3	23358	28137	1.36%	0.130%
36	15.463	2134	2138	2145	rVB	90838	128243	6.19%	0.591%
37	15.610	2156	2163	2171	rBV2	87102	175581	8.48%	0.809%
38	15.698	2171	2178	2184	rVB2	18916	28143	1.36%	0.130%
39	15.839	2198	2202	2208	rBV4	24846	45267	2.19%	0.209%
40	16.174	2253	2259	2263	rVV2	36843	60548	2.92%	0.279%
41	16.221	2263	2267	2273	rVB4	21300	28047	1.35%	0.129%
42	16.410	2296	2299	2302	rBV2	21472	24203	1.17%	0.112%
43	16.445	2302	2305	2309	rVB3	25040	31997	1.55%	0.148%
44	16.521	2314	2318	2326	rVB4	27991	45830	2.21%	0.211%
45	16.604	2326	2332	2338	rBV3	32585	78129	3.77%	0.360%
46	16.680	2341	2345	2350	rVB	102006	135224	6.53%	0.623%
47	16.862	2370	2376	2380	rBV	1099515	1609909	77.76%	7.422%
48	16.910	2380	2384	2389	rVV	1424283	1884051	91.00%	8.686%
49	16.962	2389	2393	2396	rVV	267294	355971	17.19%	1.641%
50	16.998	2396	2399	2405	rVB	164238	209768	10.13%	0.967%
51	17.057	2405	2409	2416	rBV3	16796	27039	1.31%	0.125%
52	17.274	2441	2446	2449	rBV	30442	43015	2.08%	0.198%
53	17.392	2463	2466	2471	rBV	19380	25356	1.22%	0.117%
54	17.586	2494	2499	2508	rVB3	15999	25616	1.24%	0.118%
55	17.739	2520	2525	2529	rBV	115284	157184	7.59%	0.725%
56	17.786	2529	2533	2541	rVB	178977	239433	11.56%	1.104%
57	17.868	2543	2547	2552	rBV	42737	61466	2.97%	0.283%
58	17.933	2552	2558	2562	rVV2	129663	218513	10.55%	1.007%
59	17.968	2562	2564	2573	rVB	54341	67476	3.26%	0.311%
60	18.251	2608	2612	2617	rBV	75277	100840	4.87%	0.465%
61	18.498	2650	2654	2659	rVV3	17973	20735	1.00%	0.096%
62	18.551	2659	2663	2666	rVV3	18534	23185	1.12%	0.107%
63	18.674	2679	2684	2689	rBV2	33824	54712	2.64%	0.252%
64	18.733	2689	2694	2697	rBV3	23915	30601	1.48%	0.141%
65	18.939	2723	2729	2734	rBV	731638	986681	47.66%	4.549%
66	19.186	2766	2771	2775	rVB2	17442	24011	1.16%	0.111%
67	19.239	2775	2780	2782	rBV	126916	140038	6.76%	0.646%
68	19.274	2782	2786	2788	rVV2	433824	603506	29.15%	2.782%
69	19.303	2788	2791	2799	rVV	389147	520490	25.14%	2.400%
70	19.380	2799	2804	2813	rVB4	27360	44385	2.14%	0.205%
71	19.492	2817	2823	2827	rBV	29513	43496	2.10%	0.201%

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72	19.639	2840	2848	2856	rBV3	33097	79189	3.82%	0.365%
73	19.774	2866	2871	2872	rBV5	20372	32951	1.59%	0.152%
74	19.803	2873	2876	2883	rVB	71080	96929	4.68%	0.447%
75	19.909	2890	2894	2898	rVB	49727	58252	2.81%	0.269%
76	19.962	2898	2903	2907	rBV2	39706	65129	3.15%	0.300%
77	20.003	2907	2910	2915	rVV5	18324	26504	1.28%	0.122%
78	20.150	2931	2935	2940	rBV4	16081	26971	1.30%	0.124%
79	20.298	2956	2960	2964	rVB	80667	81528	3.94%	0.376%
80	20.727	3028	3033	3037	rBV2	46024	71854	3.47%	0.331%
81	20.762	3037	3039	3042	rVV2	30923	38763	1.87%	0.179%
82	20.821	3046	3049	3054	rVB5	43008	59373	2.87%	0.274%
83	21.080	3086	3093	3097	rBV	1565866	2070334	100.00%	9.545%
84	21.115	3097	3099	3106	rVB	117452	138633	6.70%	0.639%
85	21.268	3121	3125	3127	rBV5	28080	27580	1.33%	0.127%
86	22.603	3346	3352	3359	rVB4	42759	130234	6.29%	0.600%
87	23.080	3429	3433	3439	rBV2	157145	242148	11.70%	1.116%
88	23.221	3450	3457	3466	rVB	729461	1304531	63.01%	6.014%

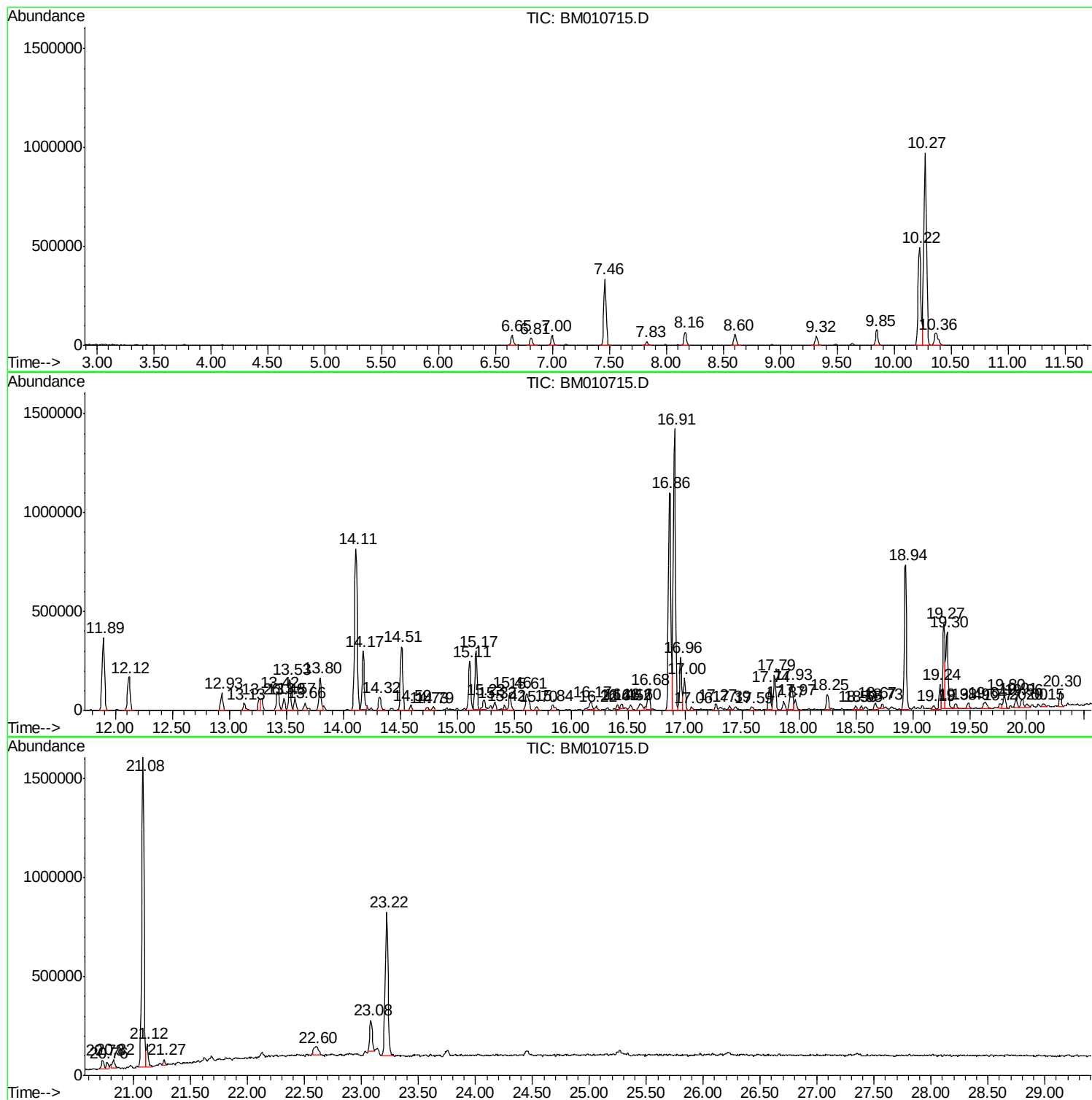
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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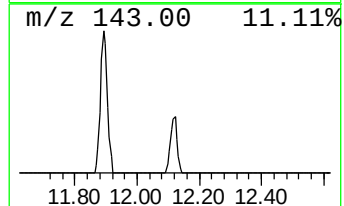
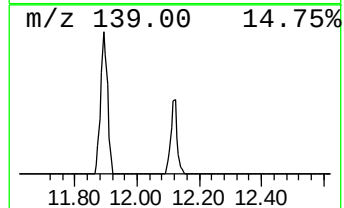
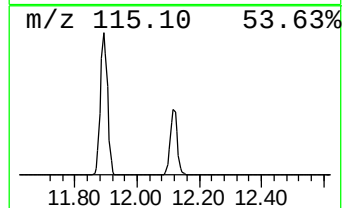
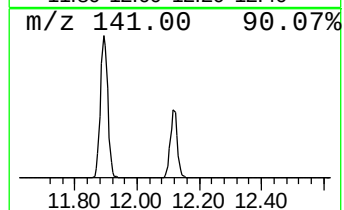
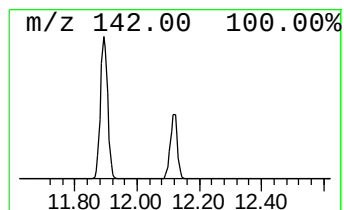
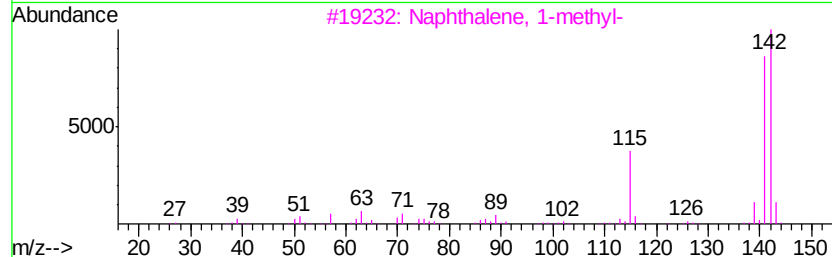
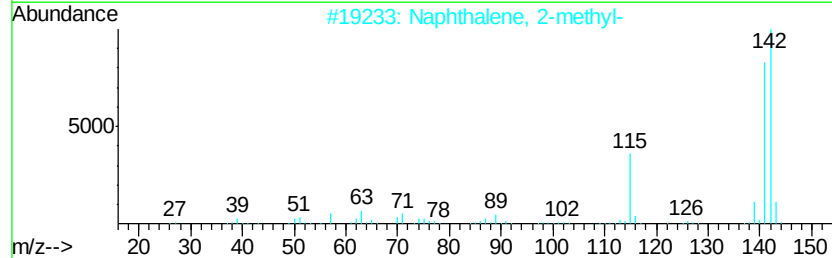
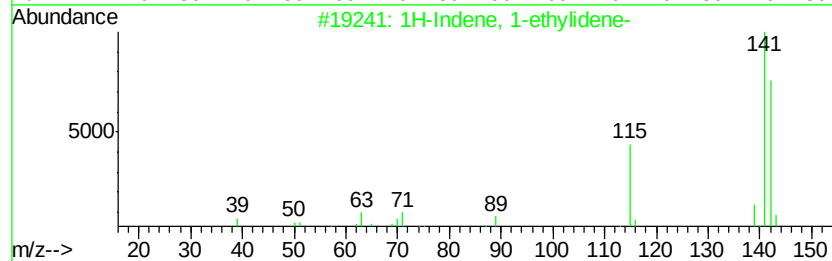
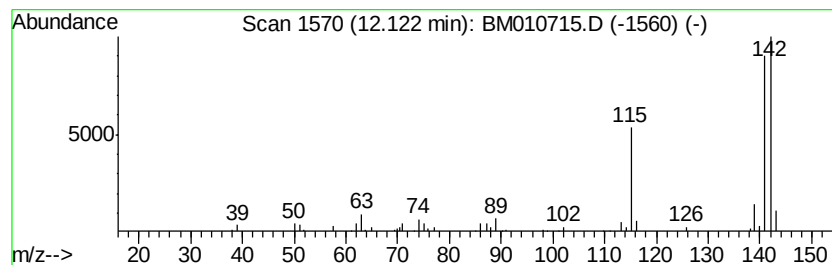
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Indene, 1-ethylidene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.12	6.57 ng/ul	270907	Naphthalene-d8	10.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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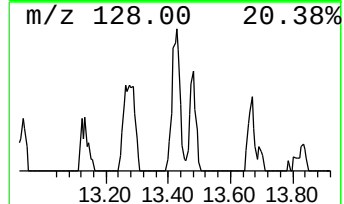
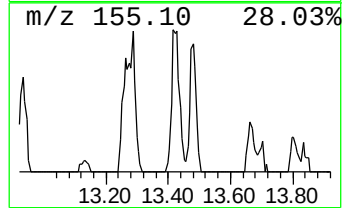
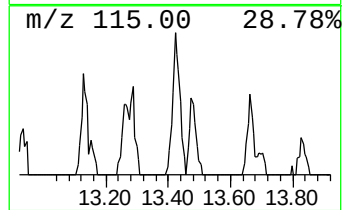
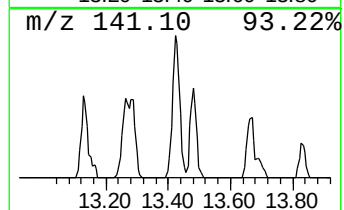
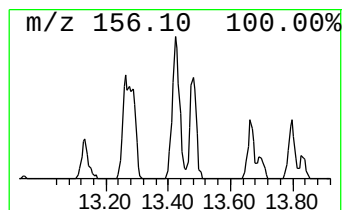
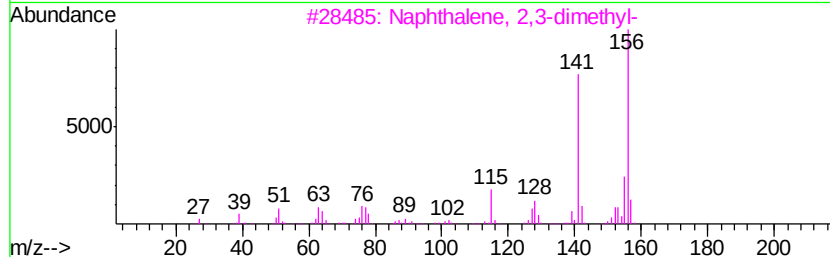
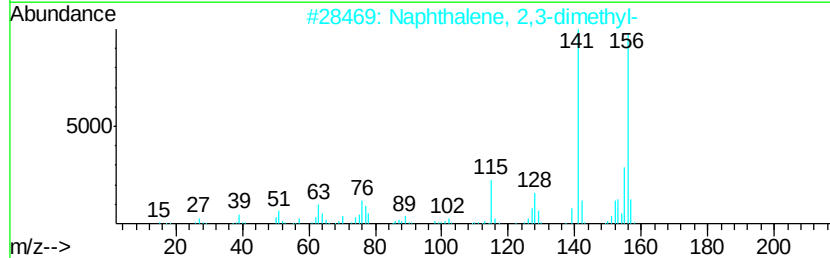
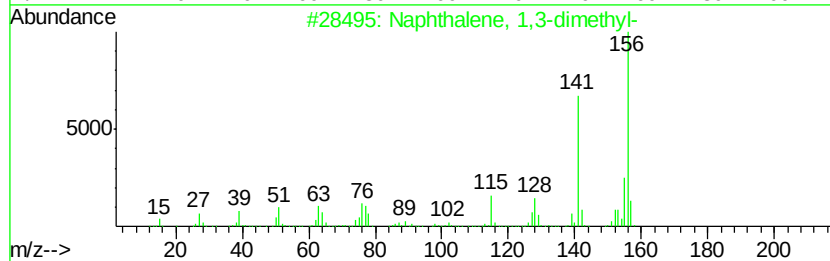
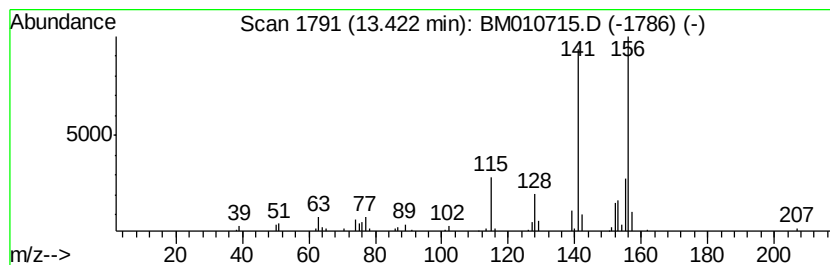
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.41 ng/ul	155643	Acenaphthene-d10	14.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 94
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 93
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93



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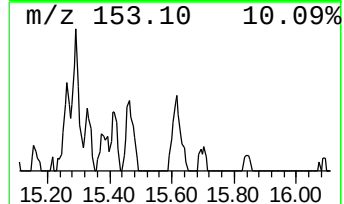
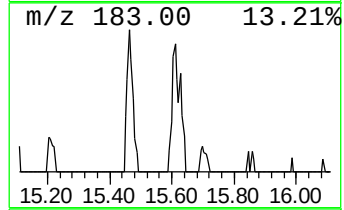
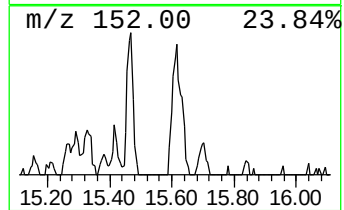
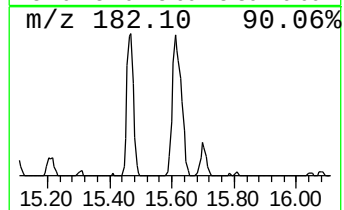
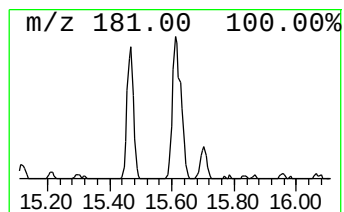
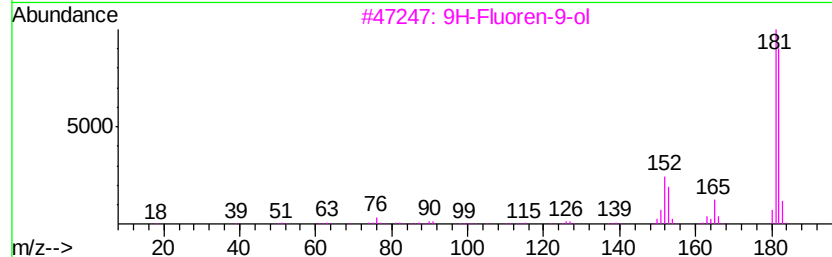
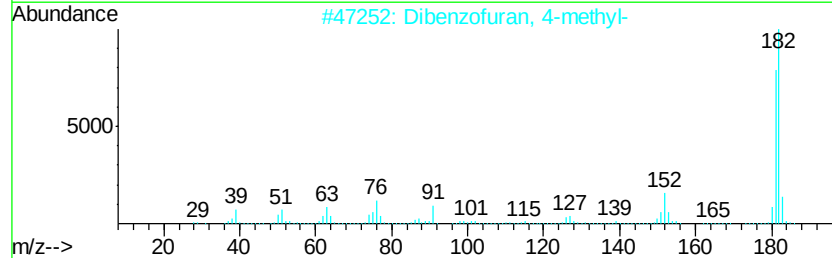
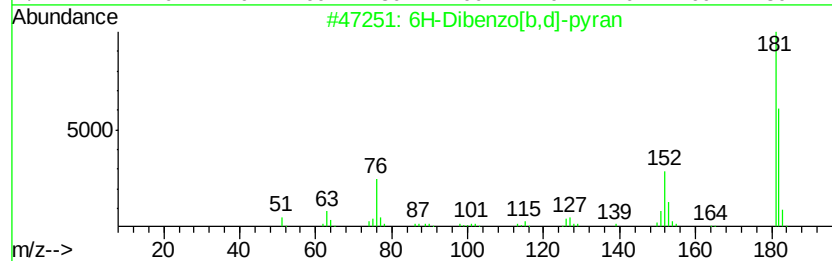
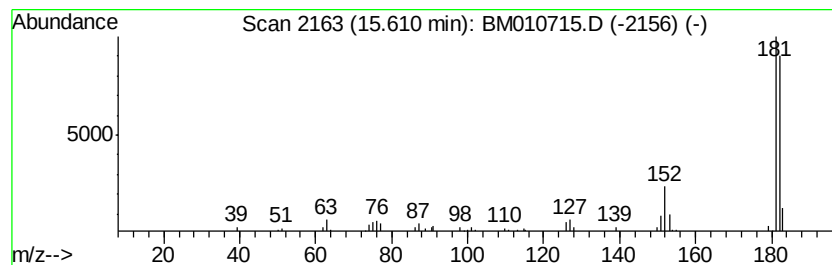
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 6H-Dibenzo[b,d]-pyran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.61	2.18 ng/ul	175581	Phenanthrene-d10	16.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83



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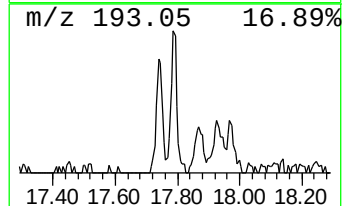
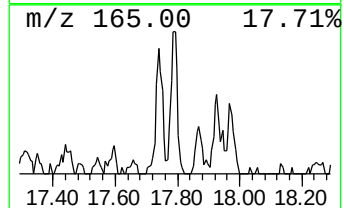
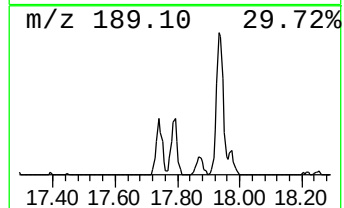
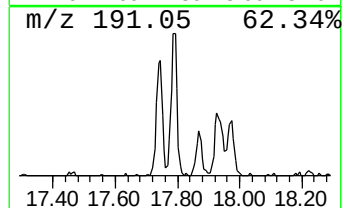
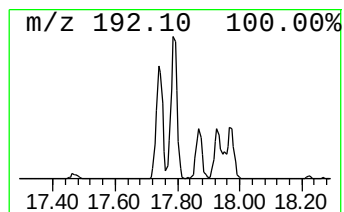
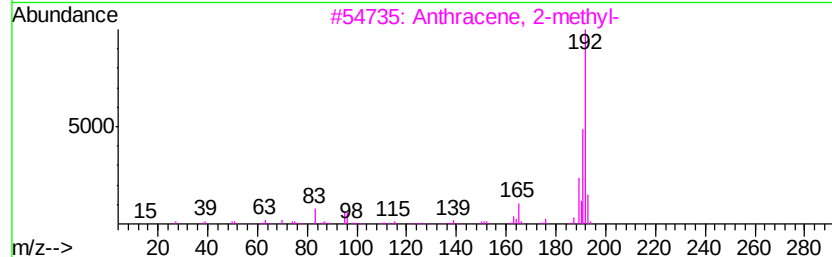
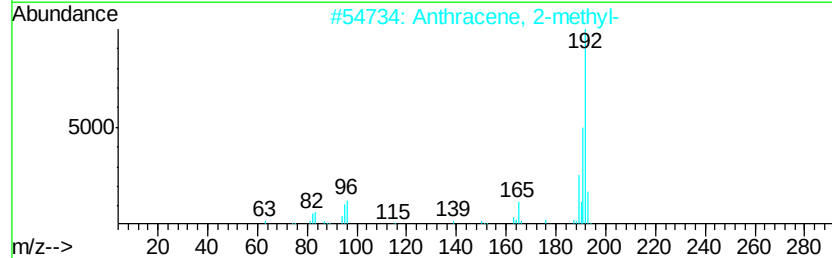
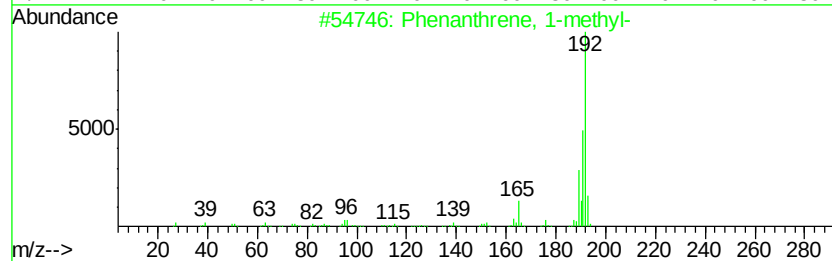
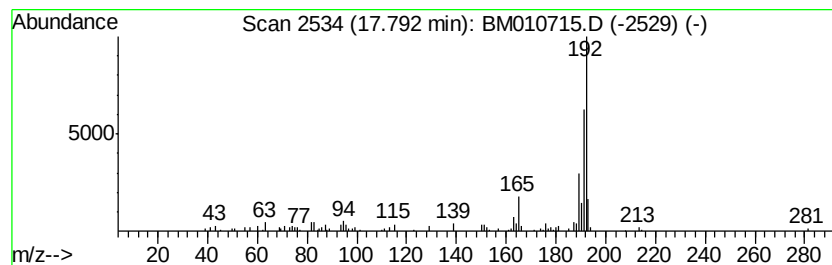
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.79	2.97 ng/ul	239433	Phenanthrene-d10	16.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010715.D
Acq On : 24 Jun 2017 06:14
Operator : SJ/JU
Sample : I3627-17DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

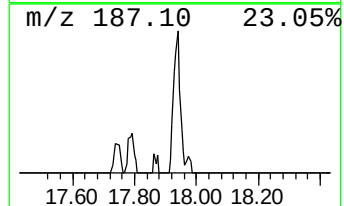
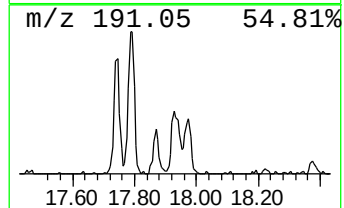
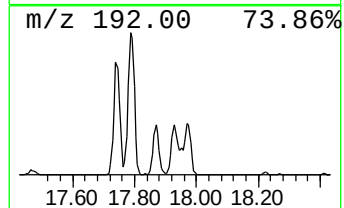
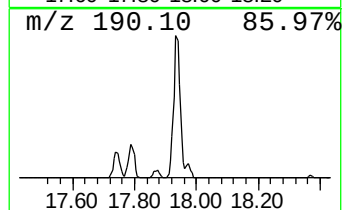
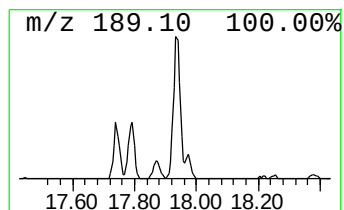
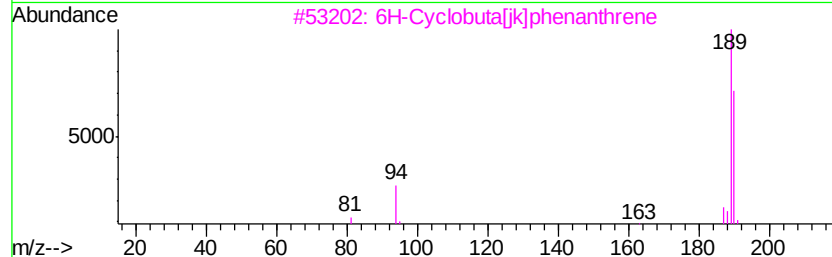
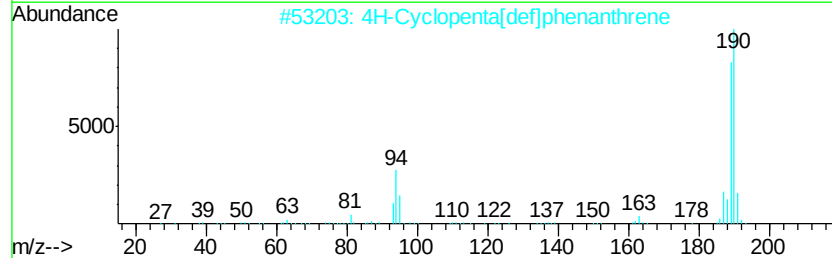
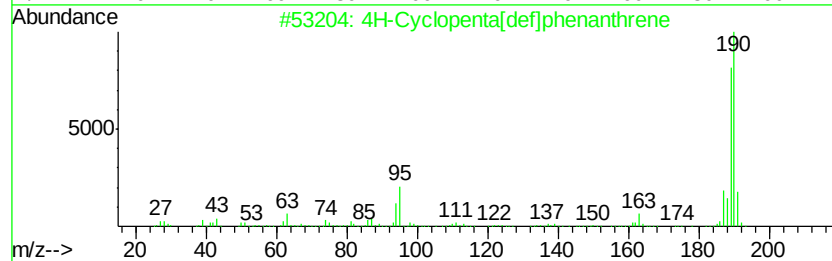
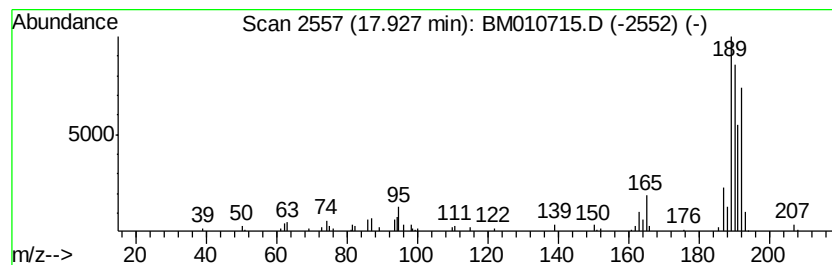
Instrument :
BNA_M
ClientSampleId :
F5A90DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.93	2.71 ng/ul	218513	Phenanthrene-d10	16.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010715.D
Acq On : 24 Jun 2017 06:14
Operator : SJ/JU
Sample : I3627-17DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A90DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
1H-Indene, 1-ethy...	12.12	6.6	ng/ul	270907	2	10.22	824084	20.0
Naphthalene, 1,3-...	13.42	2.4	ng/ul	155643	3	14.11	1294190	20.0
6H-Dibenzo[b,d]-p...	15.61	2.2	ng/ul	175581	4	16.86	1609910	20.0
Phenanthrene, 1-m...	17.79	3.0	ng/ul	239433	4	16.86	1609910	20.0
4H-Cyclopenta[def...	17.93	2.7	ng/ul	218513	4	16.86	1609910	20.0