

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010550.D
 Acq On : 13 Jun 2017 00:09
 Operator : SJ/MA
 Sample : I3522-19DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D32DL

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	7.075	672	678	687	rVB4	51922	103283	1.74%	0.206%
2	7.228	698	704	710	rBV	42226	61464	1.03%	0.123%
3	7.422	732	737	743	rBV2	66935	107458	1.81%	0.214%
4	7.887	808	816	823	rBV	651003	995111	16.75%	1.984%
5	8.610	933	939	948	rBV4	64375	124735	2.10%	0.249%
6	9.075	1012	1018	1026	rBV2	53058	95348	1.60%	0.190%
7	9.786	1134	1139	1145	rBV5	45601	84687	1.43%	0.169%
8	10.322	1224	1230	1243	rBV4	73443	143649	2.42%	0.286%
9	10.686	1286	1292	1299	rBV	728993	1202432	20.24%	2.397%
10	10.863	1315	1322	1330	rBV5	62441	134188	2.26%	0.268%
11	12.339	1567	1573	1580	rBV2	183710	303073	5.10%	0.604%
12	12.563	1603	1611	1617	rBV	118560	197180	3.32%	0.393%
13	13.357	1740	1746	1753	rBV2	85454	143422	2.41%	0.286%
14	13.539	1773	1777	1787	rVB4	65757	142814	2.40%	0.285%
15	13.692	1794	1803	1809	rBV4	114106	288615	4.86%	0.575%
16	13.833	1818	1827	1833	rBV2	174151	331273	5.58%	0.660%
17	13.892	1833	1837	1840	rVV2	87616	127464	2.15%	0.254%
18	13.939	1840	1845	1849	rVV	177410	238783	4.02%	0.476%
19	13.986	1849	1853	1861	rVB	138065	203183	3.42%	0.405%
20	14.074	1861	1868	1871	rBV2	89188	142323	2.40%	0.284%
21	14.222	1886	1893	1906	rBV4	179419	350060	5.89%	0.698%
22	14.492	1932	1939	1940	rBV	110358	161627	2.72%	0.322%
23	14.521	1940	1944	1950	rVV2	1103075	1688686	28.42%	3.366%
24	14.586	1950	1955	1963	rVB	926007	1341884	22.59%	2.675%
25	14.716	1972	1977	1980	rBV5	36681	69395	1.17%	0.138%
26	14.827	1992	1996	2001	rVV	63379	101539	1.71%	0.202%
27	14.921	2005	2012	2018	rVV	843461	1267757	21.34%	2.527%
28	14.980	2018	2022	2028	rVB4	62425	95567	1.61%	0.191%
29	15.127	2039	2047	2051	rBV3	58129	108583	1.83%	0.216%
30	15.180	2051	2056	2063	rVB5	62057	95620	1.61%	0.191%
31	15.298	2068	2076	2079	rVV7	48487	110596	1.86%	0.220%
32	15.516	2109	2113	2117	rVV	244242	347302	5.85%	0.692%
33	15.568	2117	2122	2130	rVB	1266650	1829172	30.79%	3.647%
34	15.657	2130	2137	2140	rBV5	89876	167213	2.81%	0.333%

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35	15.692	2140	2143	2145	rVV	87700	113472	1.91%	0.226%
36	15.727	2145	2149	2153	rVB4	161219	231422	3.90%	0.461%
37	15.816	2160	2164	2167	rBV2	69752	103103	1.74%	0.206%
38	15.857	2167	2171	2178	rVB2	237541	355956	5.99%	0.710%
39	16.004	2191	2196	2204	rBV	230349	463844	7.81%	0.925%
40	16.098	2209	2212	2217	rVB2	54116	64966	1.09%	0.130%
41	16.204	2220	2230	2233	rBV8	52409	105974	1.78%	0.211%
42	16.363	2252	2257	2263	rBV5	52486	77756	1.31%	0.155%
43	16.563	2281	2291	2296	rBV2	177101	382662	6.44%	0.763%
44	16.615	2296	2300	2305	rVV2	72531	110440	1.86%	0.220%
45	16.715	2314	2317	2321	rVB3	73563	89656	1.51%	0.179%
46	16.792	2321	2330	2332	rBV3	73351	158578	2.67%	0.316%
47	16.827	2332	2336	2340	rVV4	65168	88849	1.50%	0.177%
48	16.986	2359	2363	2372	rVV5	84414	218070	3.67%	0.435%
49	17.092	2376	2381	2391	rVB	325089	506470	8.52%	1.010%
50	17.274	2405	2412	2415	rBV	1571428	2330158	39.22%	4.645%
51	17.315	2415	2419	2424	rVV	4511854	5941371	100.00%	11.844%
52	17.368	2424	2428	2431	rVV	260632	395493	6.66%	0.788%
53	17.404	2431	2434	2441	rVB	581600	783016	13.18%	1.561%
54	17.686	2474	2482	2487	rBV10	65848	172540	2.90%	0.344%
55	17.786	2494	2499	2505	rBV4	70227	141290	2.38%	0.282%
56	17.992	2529	2534	2539	rBV5	44730	77880	1.31%	0.155%
57	18.139	2550	2559	2563	rBV	354883	574171	9.66%	1.145%
58	18.186	2563	2567	2573	rVB	415664	611489	10.29%	1.219%
59	18.268	2576	2581	2586	rBV3	164176	221637	3.73%	0.442%
60	18.339	2586	2593	2597	rBV2	555880	958300	16.13%	1.910%
61	18.639	2639	2644	2651	rVB	253479	337446	5.68%	0.673%
62	18.880	2681	2685	2689	rVB5	67982	99446	1.67%	0.198%
63	18.927	2689	2693	2696	rBV2	60598	74884	1.26%	0.149%
64	18.968	2696	2700	2704	rVB3	59902	69854	1.18%	0.139%
65	19.051	2708	2714	2719	rBV2	124370	240545	4.05%	0.480%
66	19.186	2733	2737	2740	rBV6	36660	71547	1.20%	0.143%
67	19.321	2754	2760	2766	rBV	3129497	4122994	69.39%	8.219%
68	19.380	2766	2770	2773	rVV3	59442	94121	1.58%	0.188%
69	19.421	2773	2777	2780	rVB5	57798	94154	1.58%	0.188%
70	19.574	2799	2803	2811	rVB2	85671	150106	2.53%	0.299%
71	19.656	2811	2817	2819	rBV3	804160	1271579	21.40%	2.535%

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72	19.686	2819	2822	2829	rVV	1893559	2690266	45.28%	5.363%
73	19.751	2829	2833	2838	rVB	140556	211973	3.57%	0.423%
74	19.862	2848	2852	2856	rVB2	129669	175417	2.95%	0.350%
75	20.003	2870	2876	2883	rVB3	160472	385888	6.49%	0.769%
76	20.080	2885	2889	2893	rBV3	68049	110243	1.86%	0.220%
77	20.174	2901	2905	2909	rVB	425083	595832	10.03%	1.188%
78	20.274	2917	2922	2926	rBV	457929	628011	10.57%	1.252%
79	20.333	2926	2932	2935	rVV3	147127	302117	5.08%	0.602%
80	20.368	2935	2938	2941	rVB4	72039	91308	1.54%	0.182%
81	20.474	2953	2956	2960	rBV2	66738	104280	1.76%	0.208%
82	20.515	2961	2963	2967	rVB2	91307	105259	1.77%	0.210%
83	21.086	3057	3060	3064	rBV	170846	264208	4.45%	0.527%
84	21.121	3064	3066	3070	rVB2	136799	165201	2.78%	0.329%
85	21.174	3071	3075	3078	rVV4	115974	190259	3.20%	0.379%
86	21.439	3113	3120	3124	rBV2	3050440	4709579	79.27%	9.389%
87	21.474	3124	3126	3131	rVB	672772	758519	12.77%	1.512%
88	23.062	3391	3396	3400	rBV2	377936	811554	13.66%	1.618%
89	23.774	3511	3517	3523	rBV	1667692	3051588	51.36%	6.083%

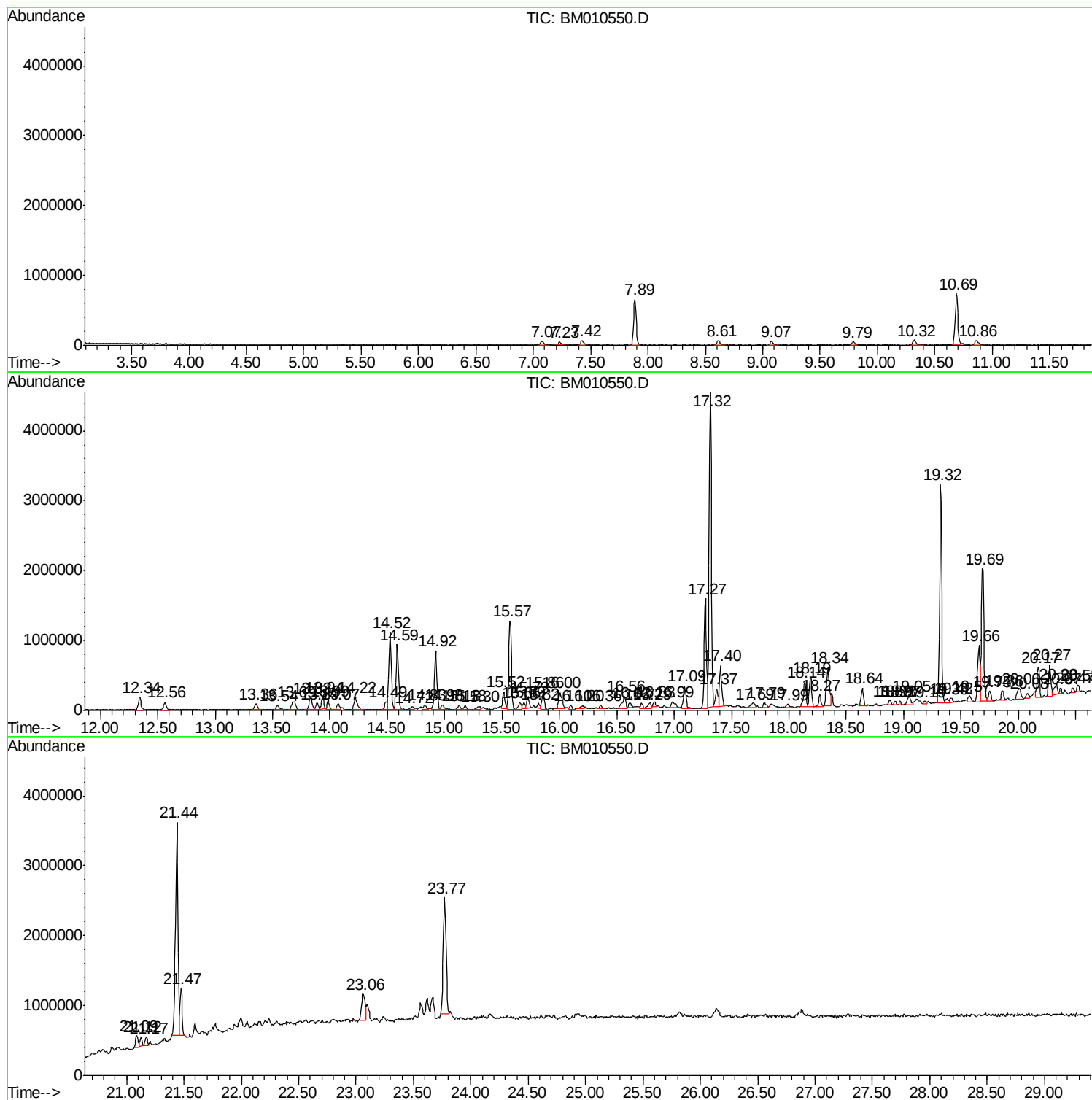
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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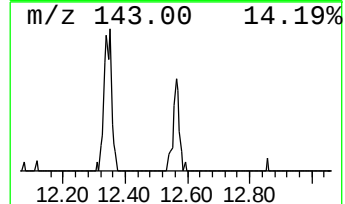
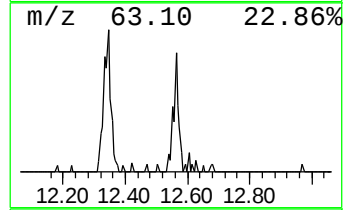
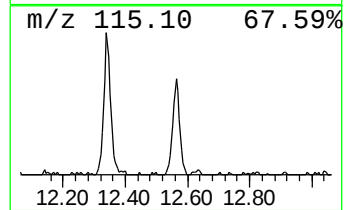
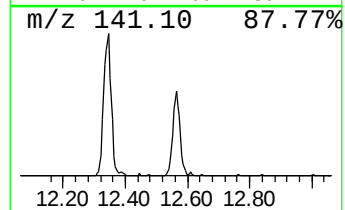
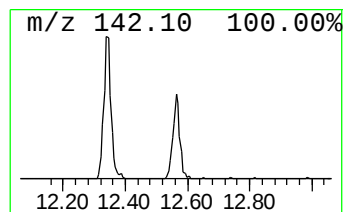
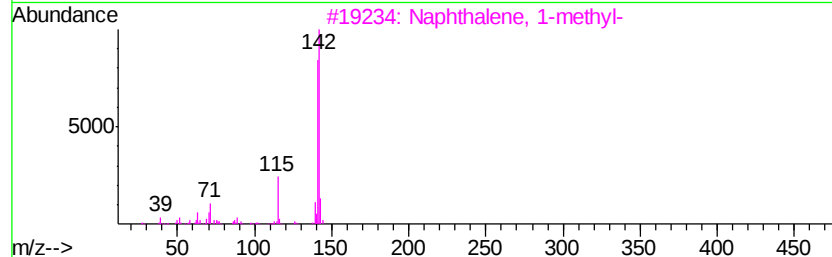
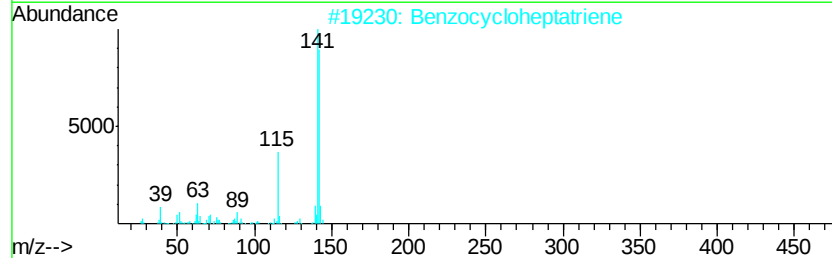
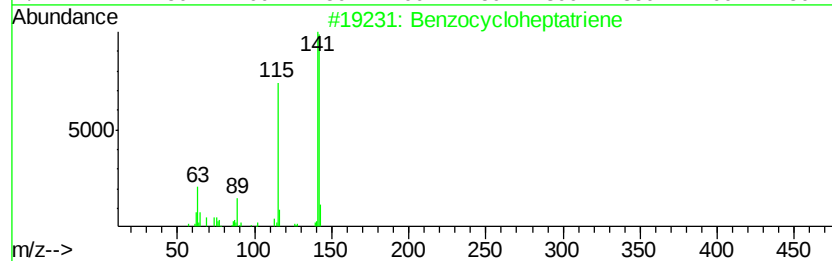
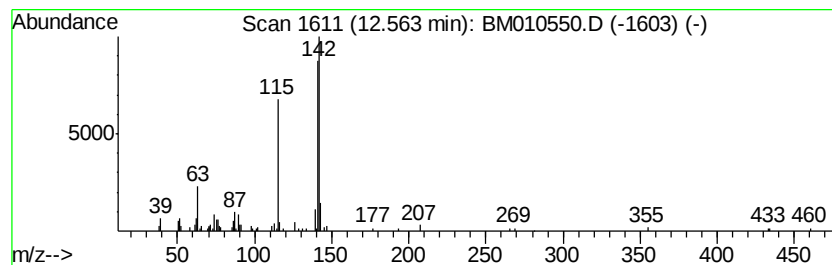
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzocycloheptatriene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.28 ng/ul	197180	Naphthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	90
2		Benzocycloheptatriene	142	C11H10	000264-09-5	81
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	76
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76



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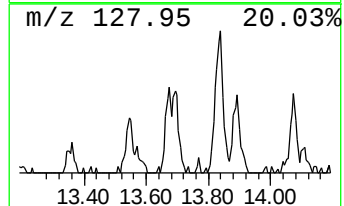
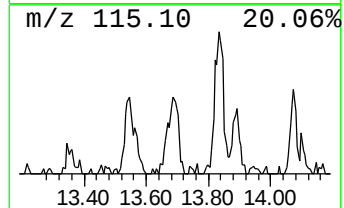
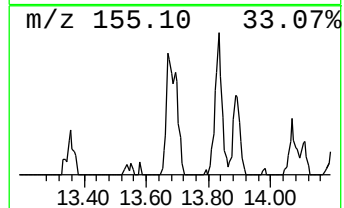
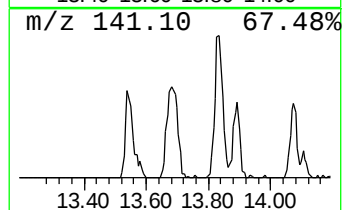
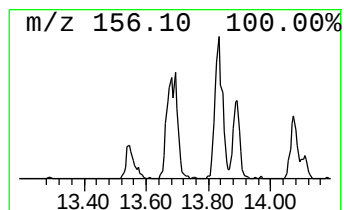
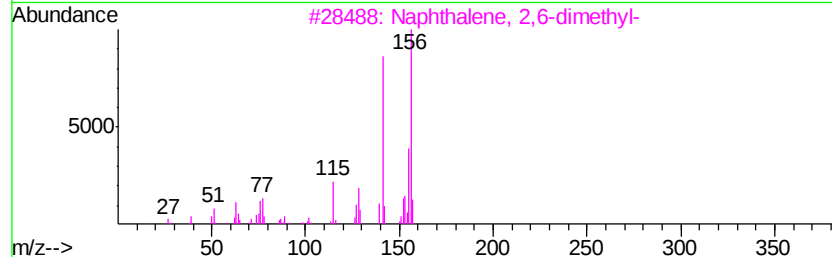
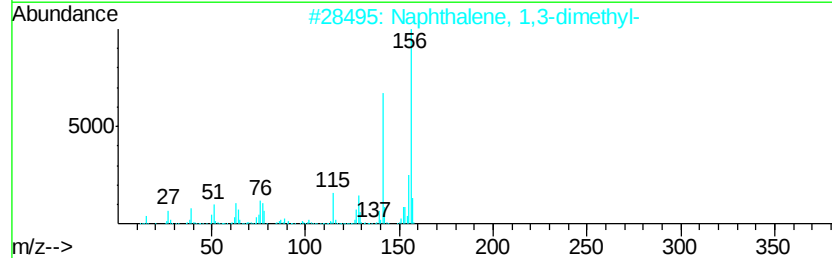
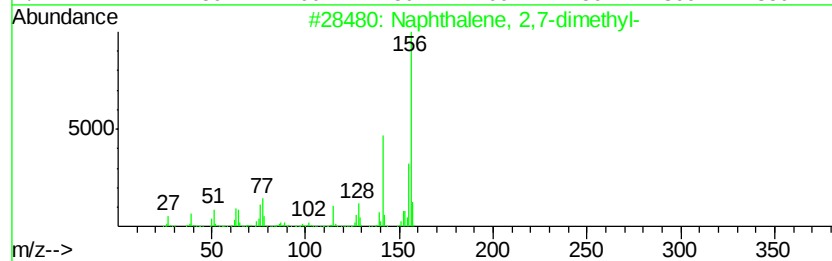
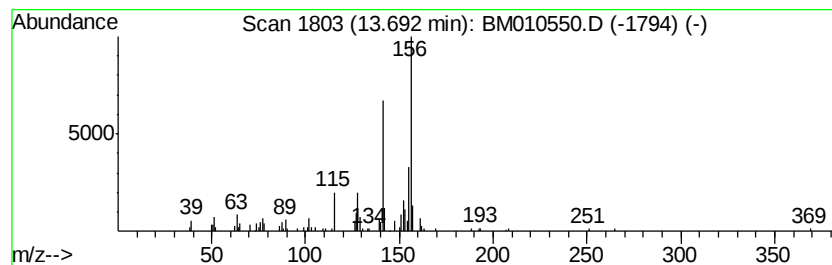
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.42 ng/ul	288615	Acenaphthene-d10	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 94
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 94
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 93
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 93
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93



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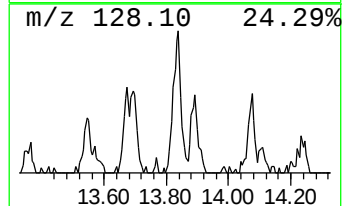
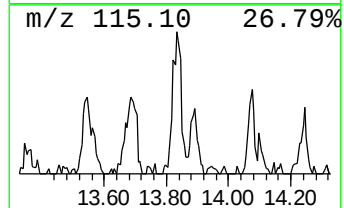
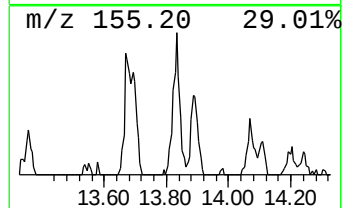
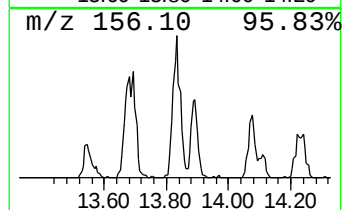
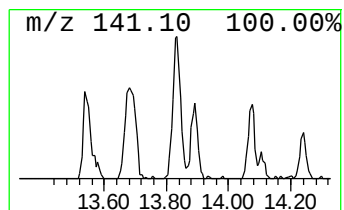
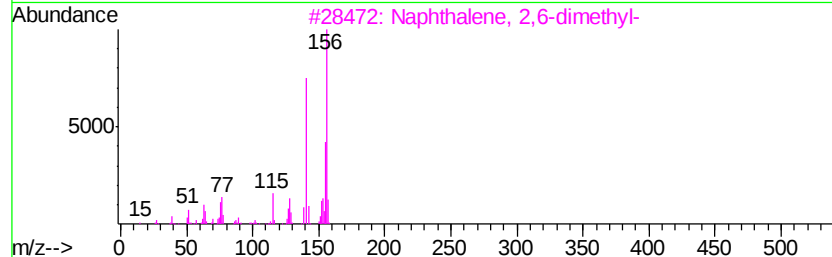
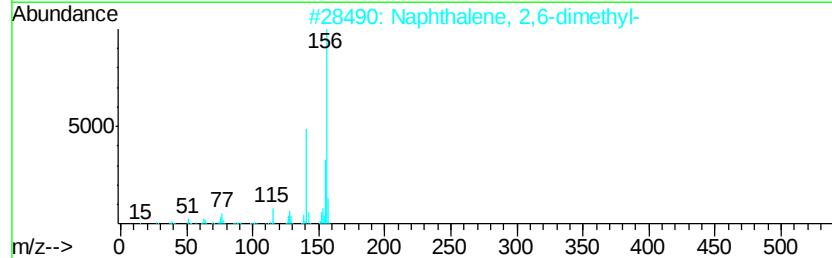
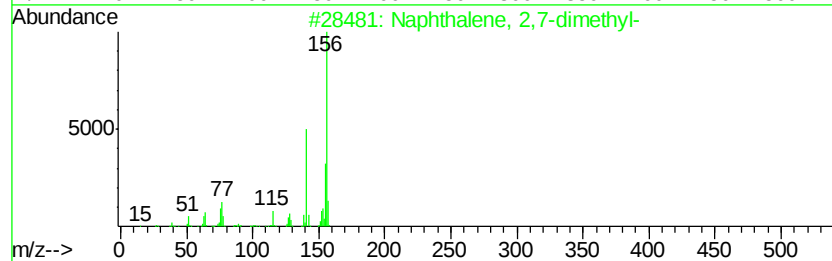
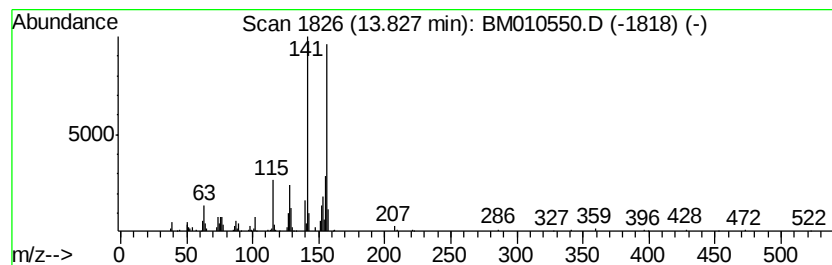
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.92 ng/ul	331273	Acenaphthene-d10	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 94
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 94
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 94



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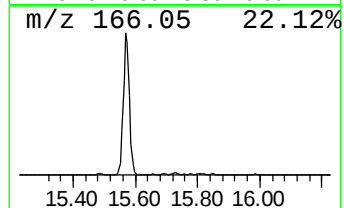
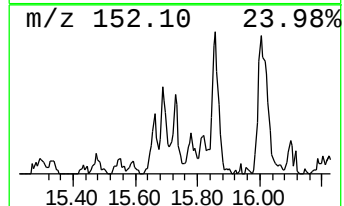
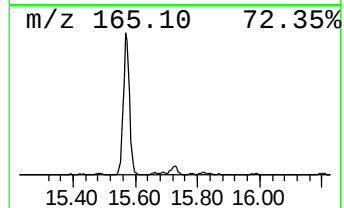
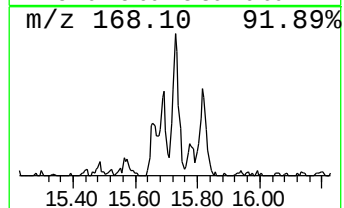
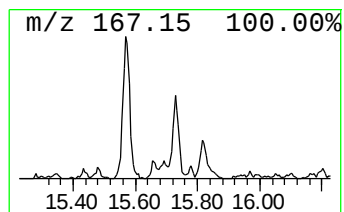
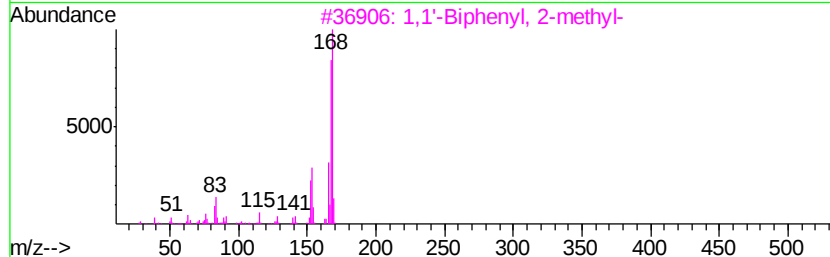
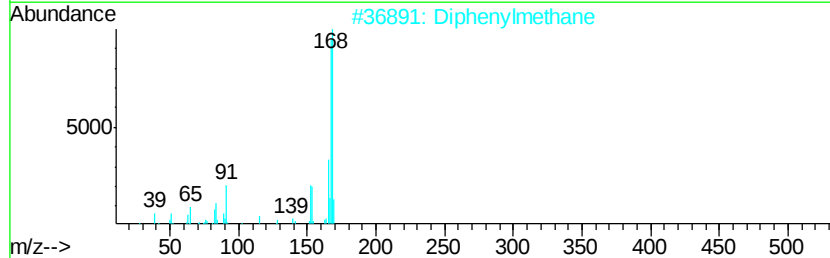
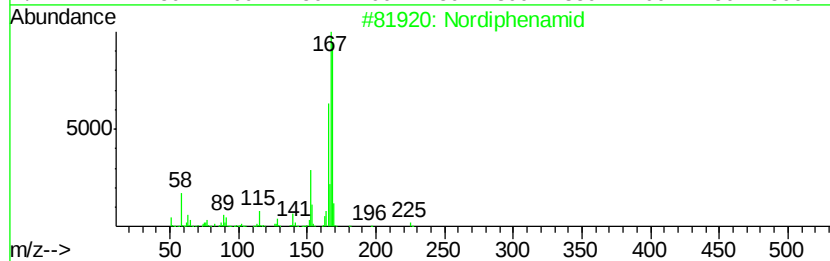
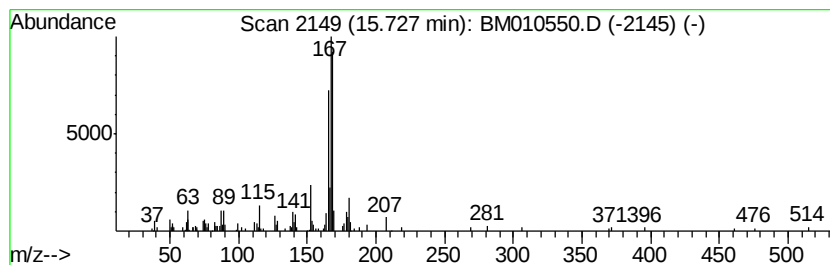
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Nordiphenamid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.74 ng/ul	231422	Acenaphthene-d10	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nordiphenamid	225	C15H15NO	000954-21-2	78
2		Diphenylmethane	168	C13H12	000101-81-5	62
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5		Diphenylmethane	168	C13H12	000101-81-5	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

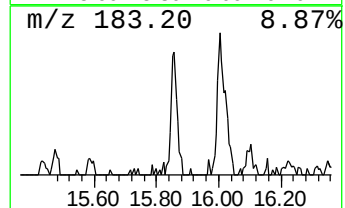
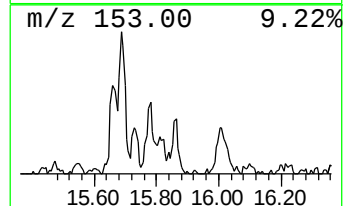
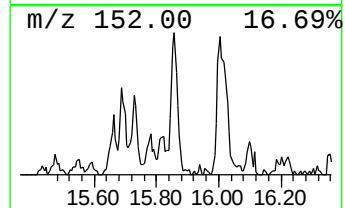
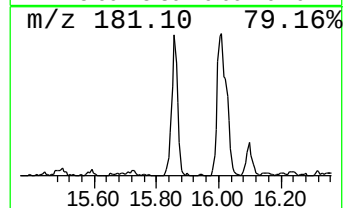
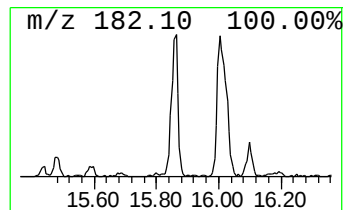
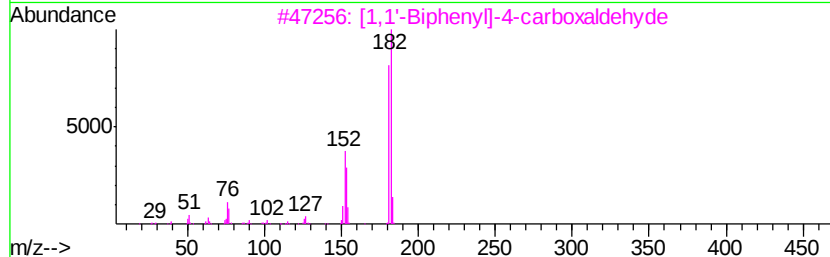
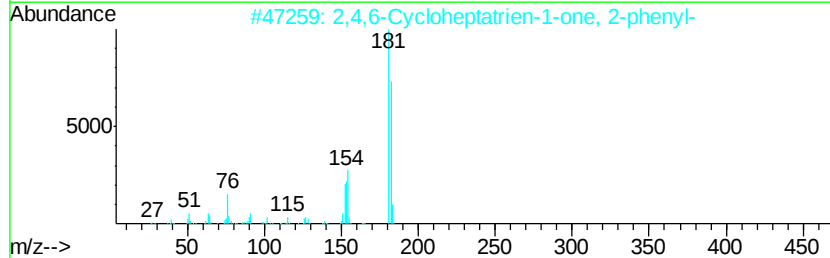
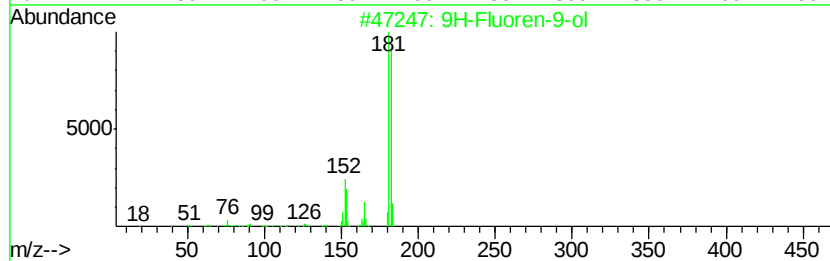
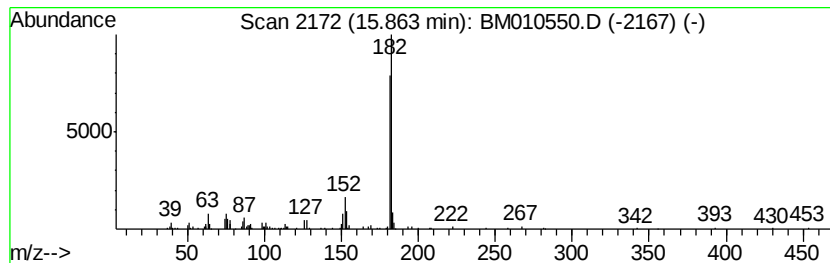
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.22 ng/ul	355956	Acenaphthene-d10	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	80
5	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
F5D32DL

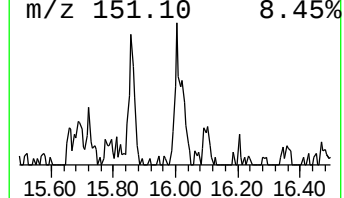
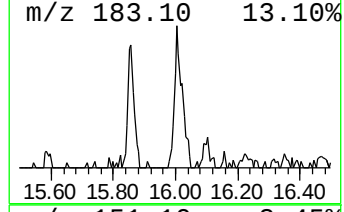
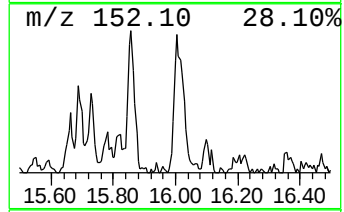
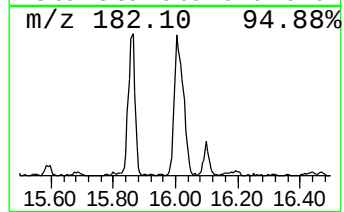
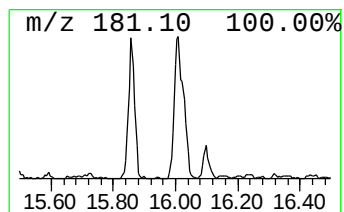
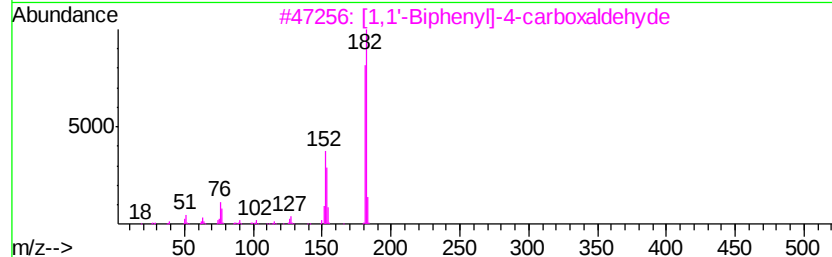
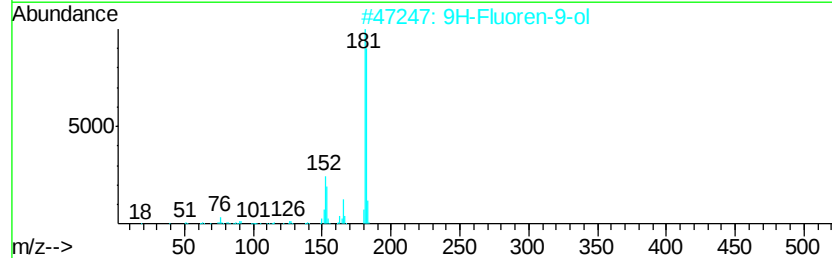
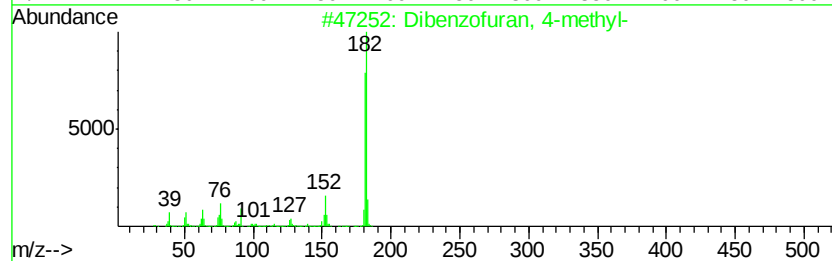
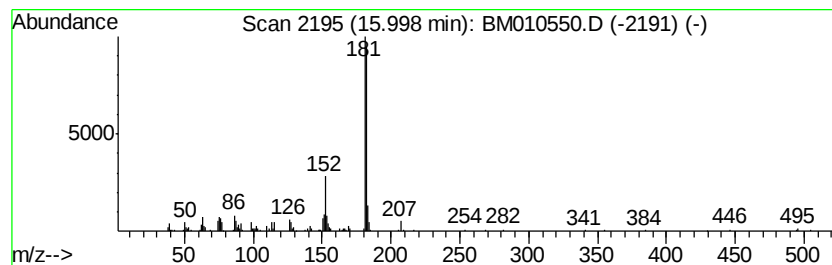
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	3.98 ng/ul	463844	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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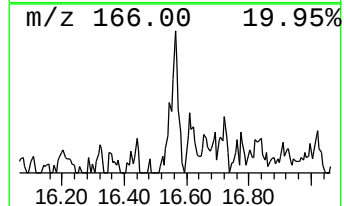
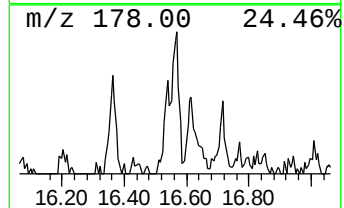
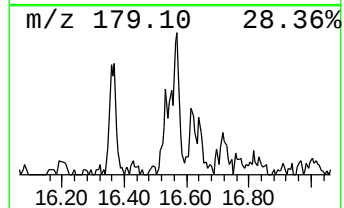
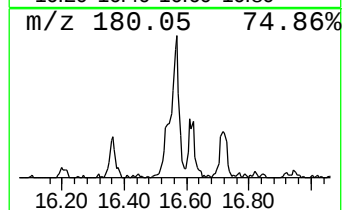
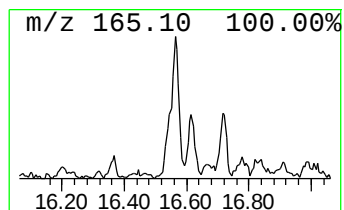
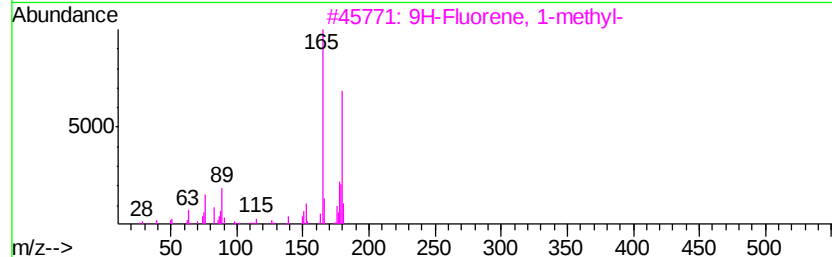
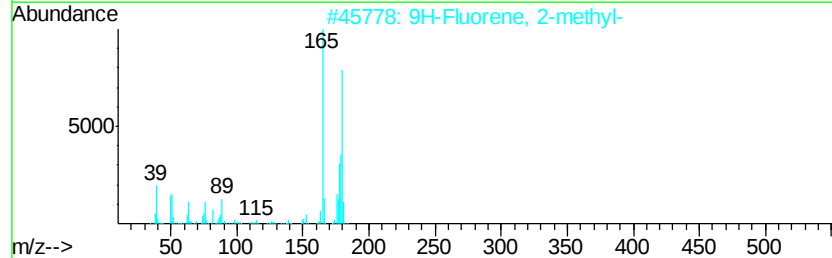
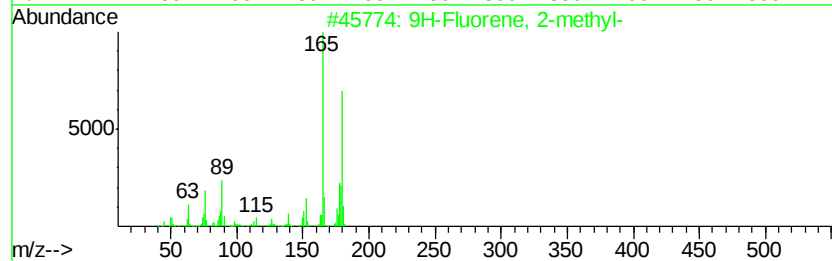
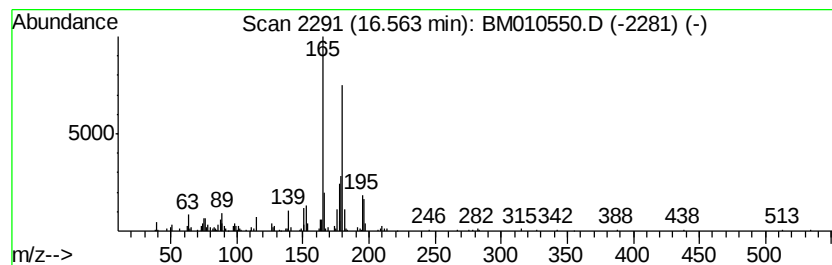
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	3.28 ng/ul	382662	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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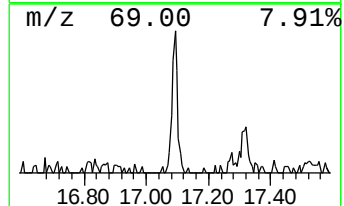
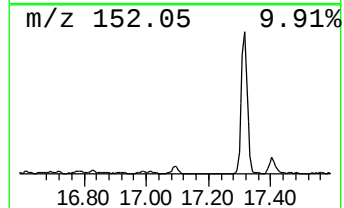
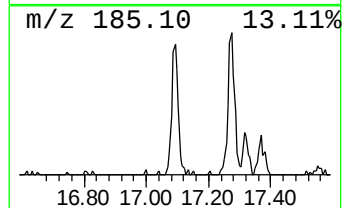
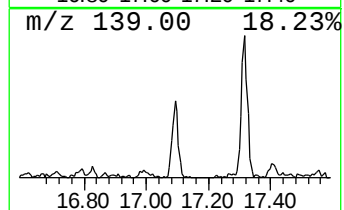
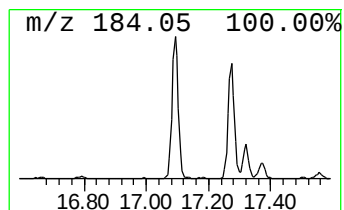
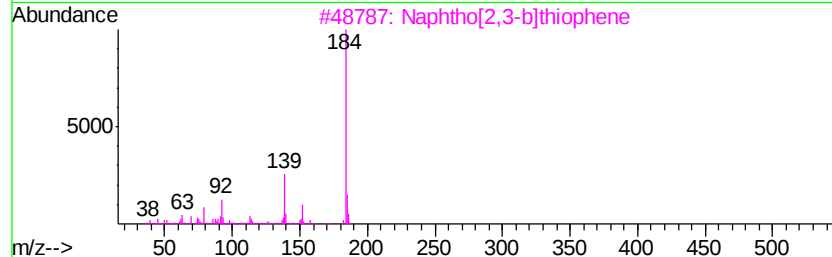
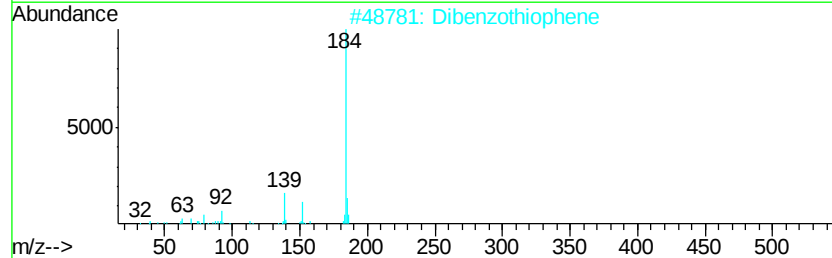
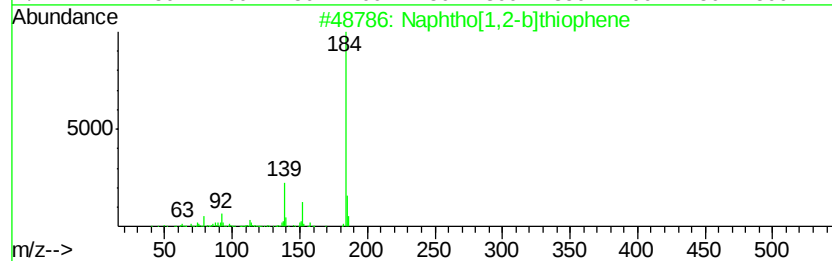
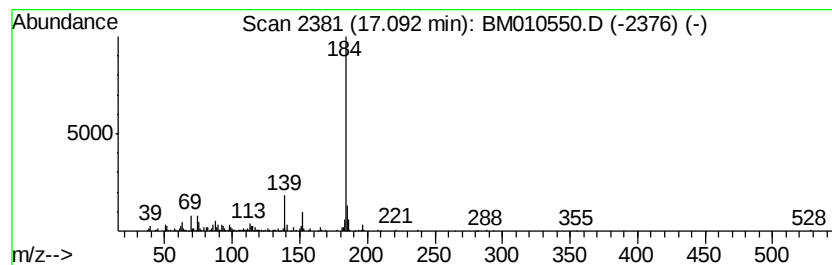
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	4.35 ng/ul	506470	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	93
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

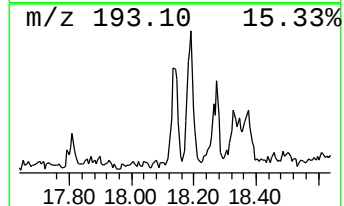
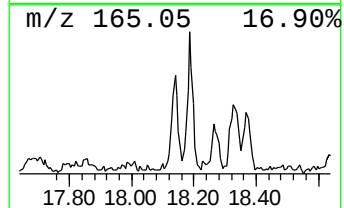
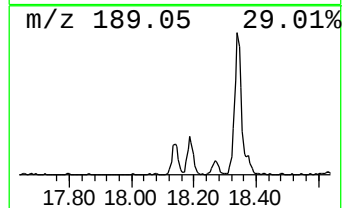
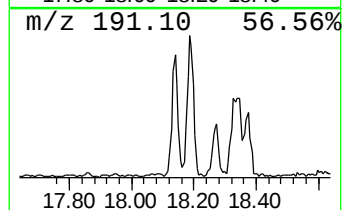
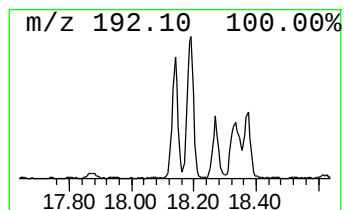
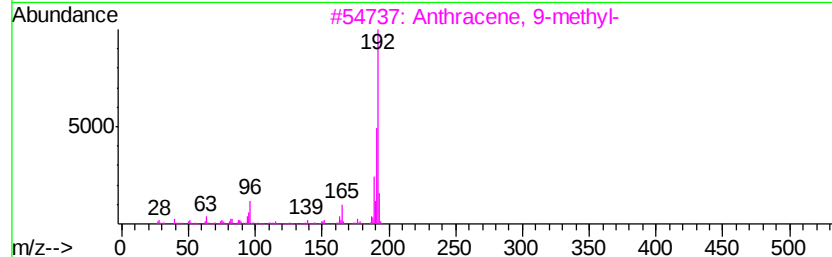
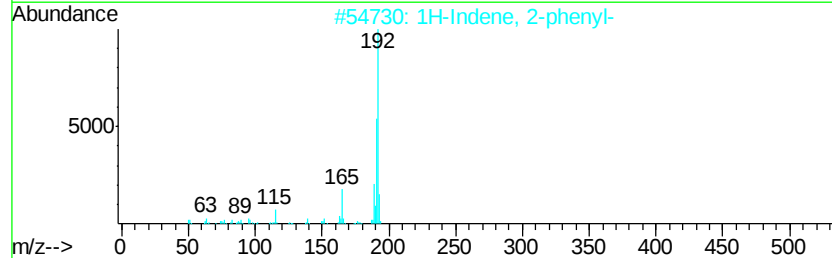
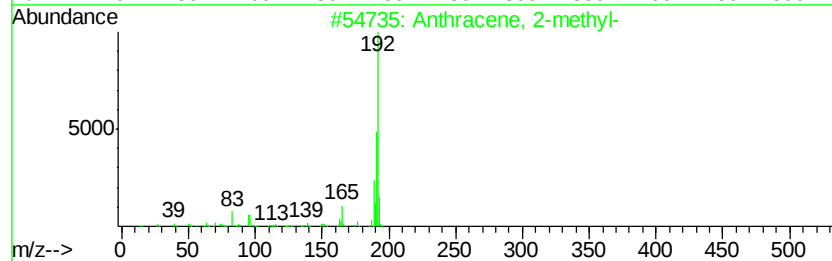
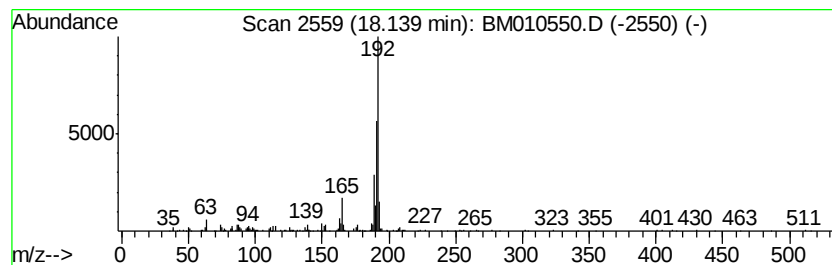
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.14	4.93 ng/ul	574171	Phenanthrene-d10	17.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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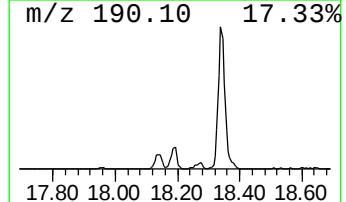
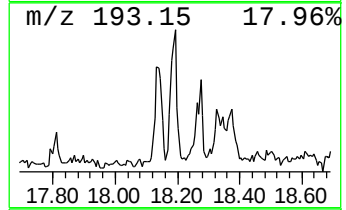
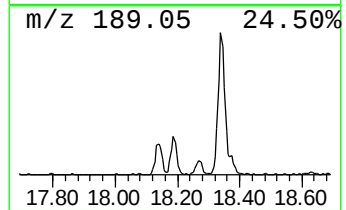
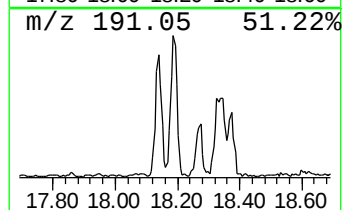
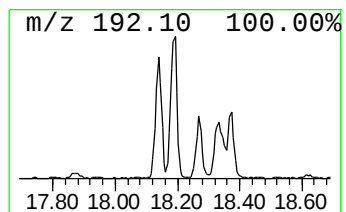
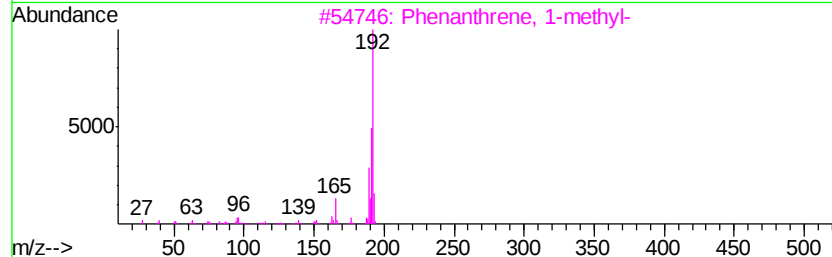
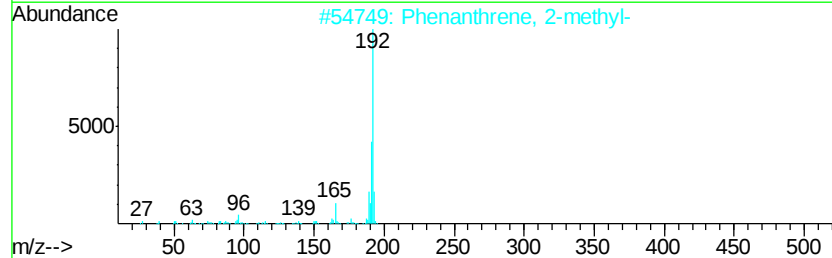
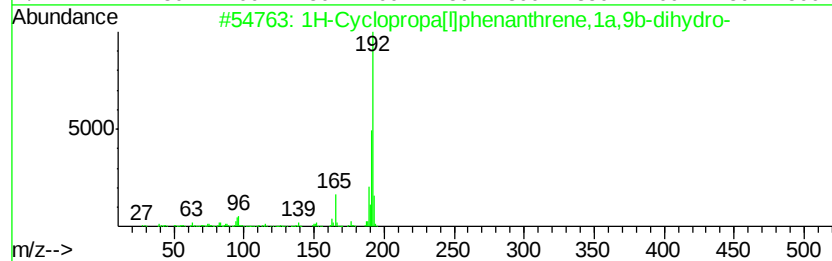
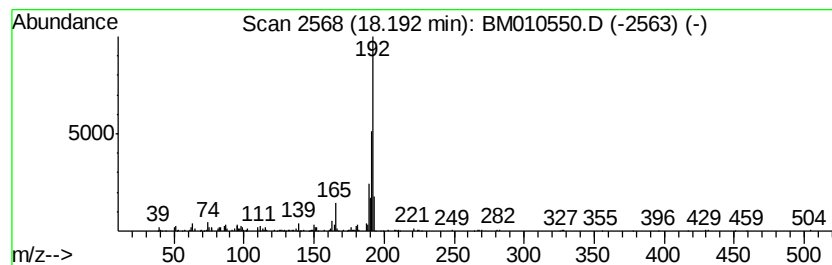
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.25 ng/ul	611489	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D32DL

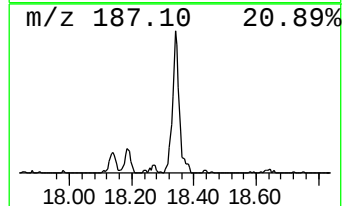
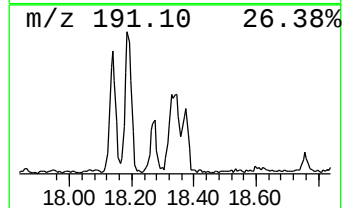
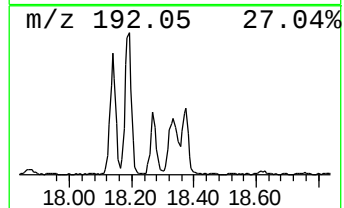
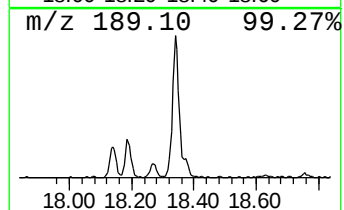
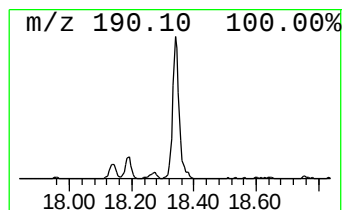
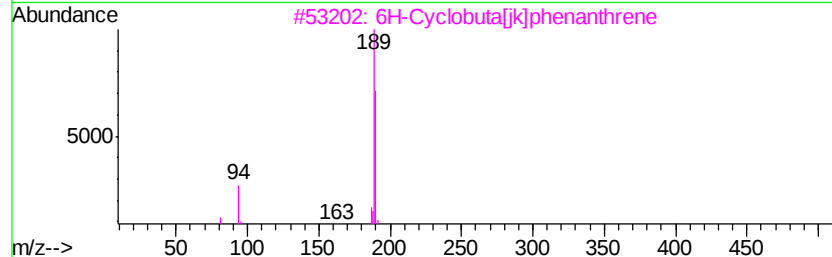
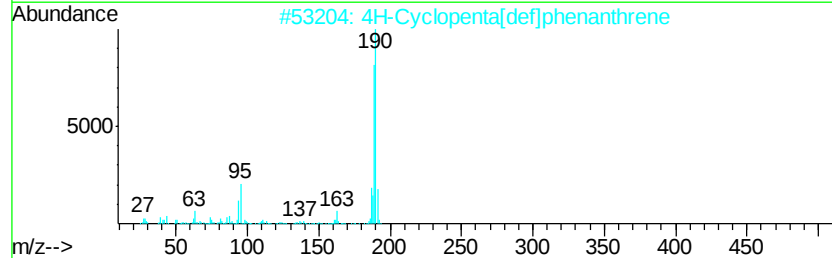
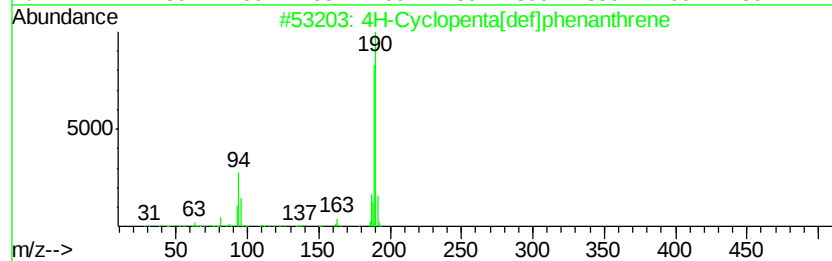
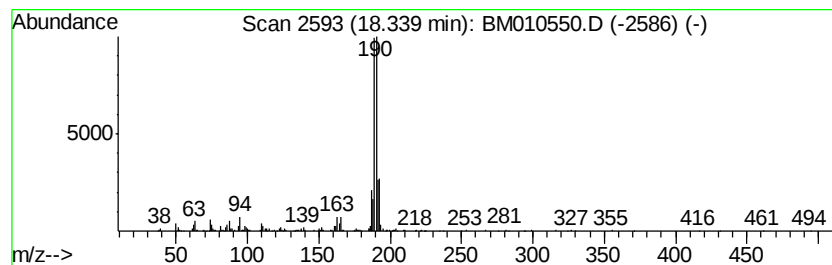
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	8.23 ng/ul	958300	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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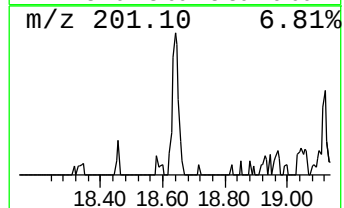
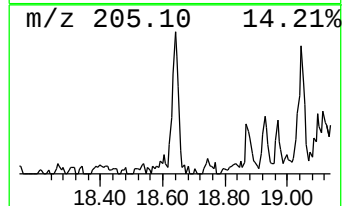
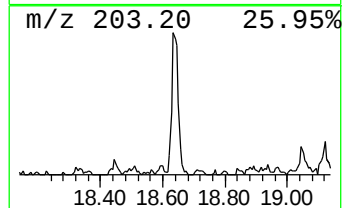
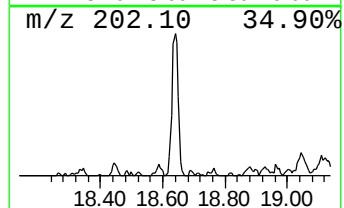
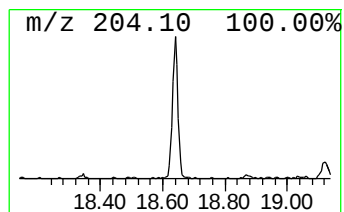
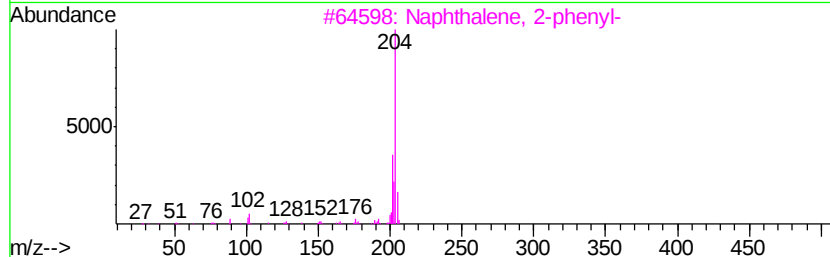
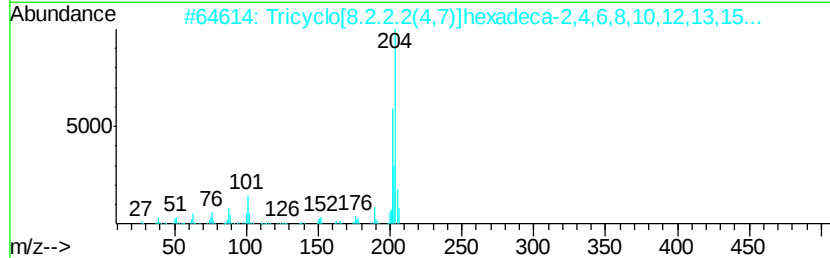
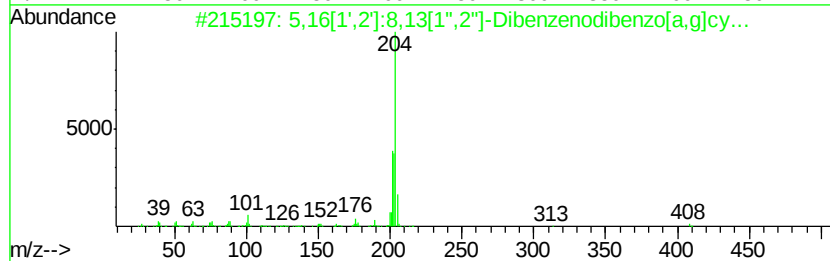
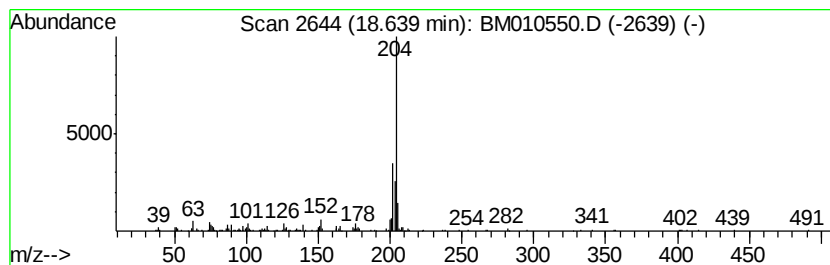
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.90 ng/ul	337446	Phenanthrene-d10	17.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16	[1',2']	:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Tricyclo	[8.2.2.2(4,7)]	hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene,	2-phenyl-		204	C16H12	000612-94-2	76
4	Naphthalene,	2-phenyl-		204	C16H12	000612-94-2	68
5	[1,1'-Biphenyl]	-2-ol,	5-chloro-	204	C12H9ClO	000607-12-5	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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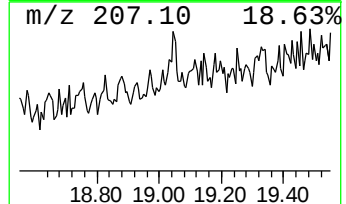
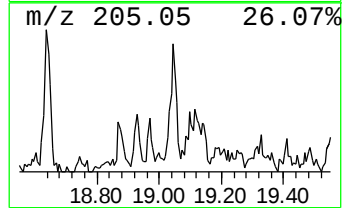
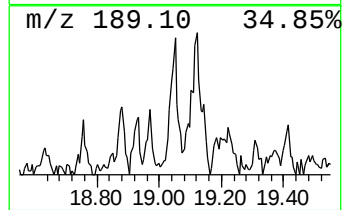
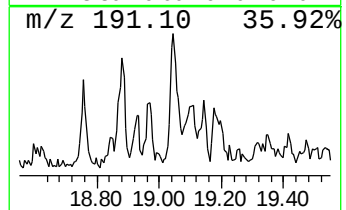
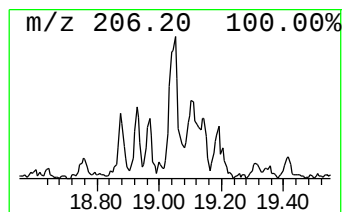
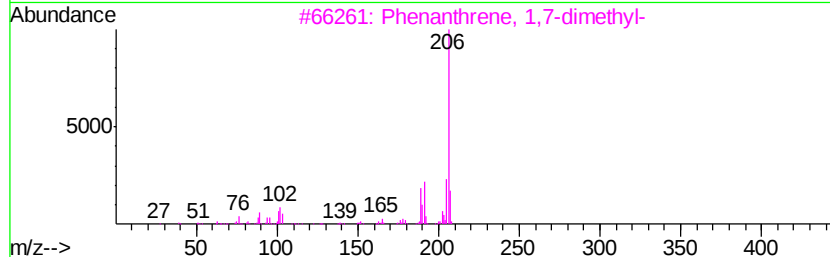
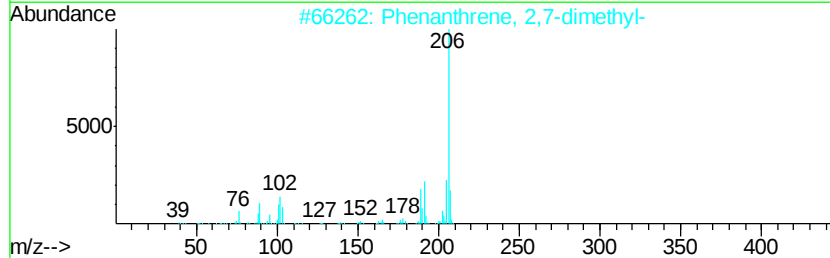
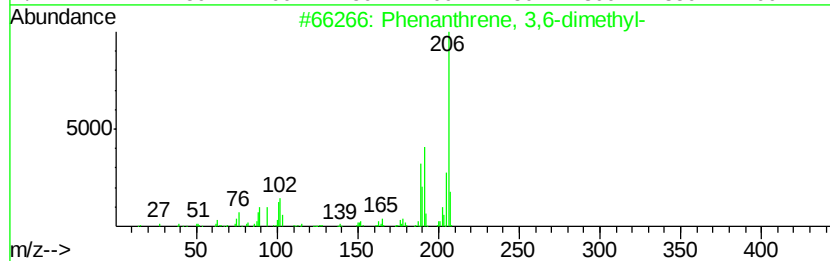
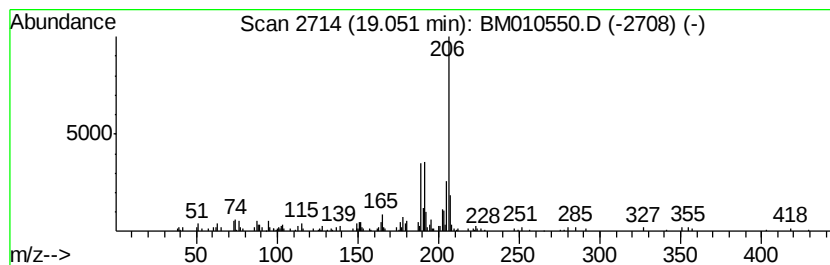
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.06 ng/ul	240545	Phenanthrene-d10	17.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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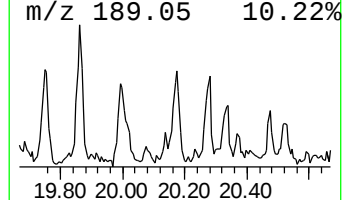
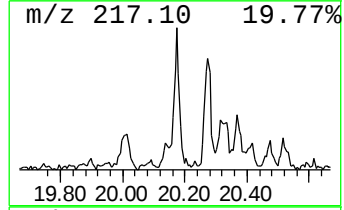
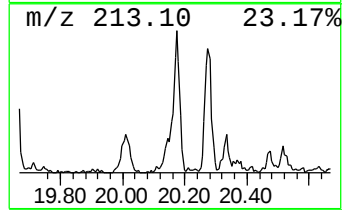
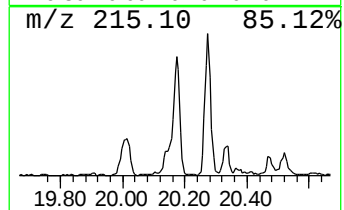
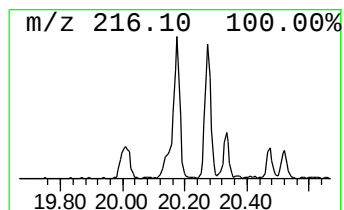
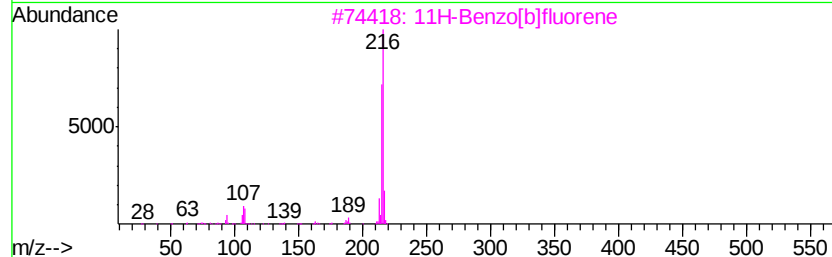
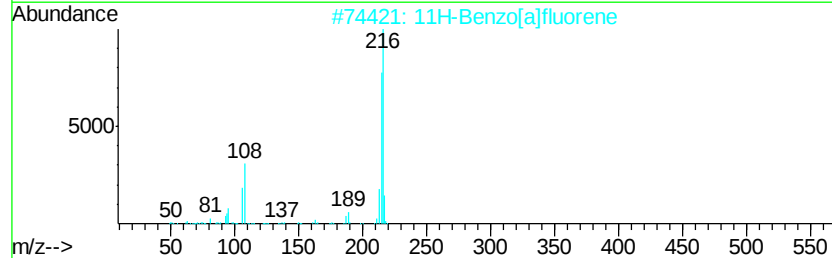
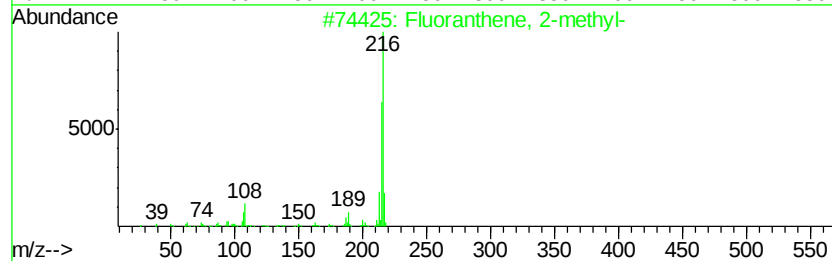
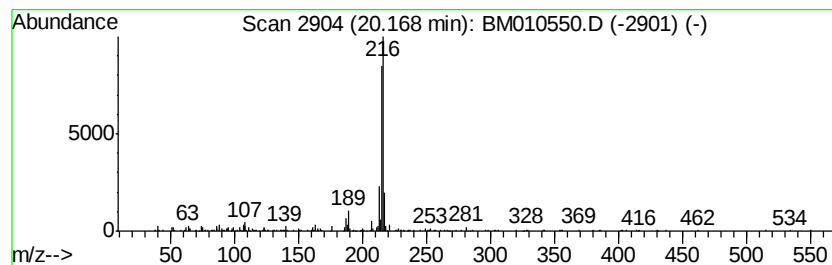
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.53 ng/ul	595832	Chrysene-d12	21.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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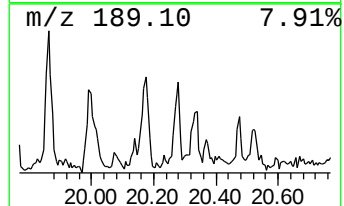
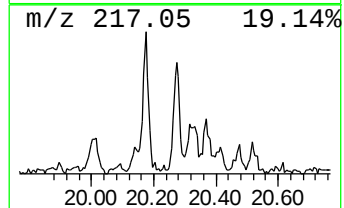
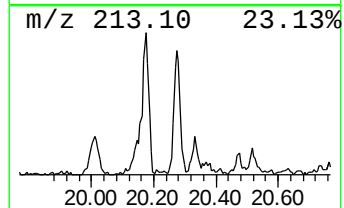
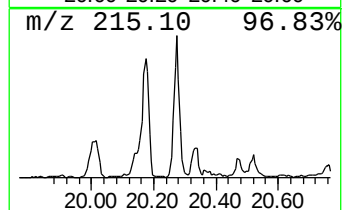
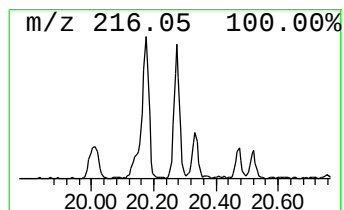
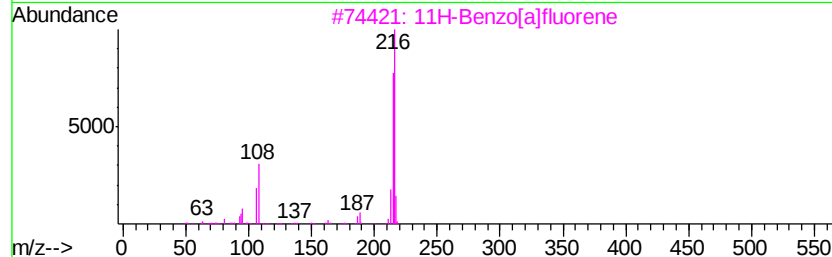
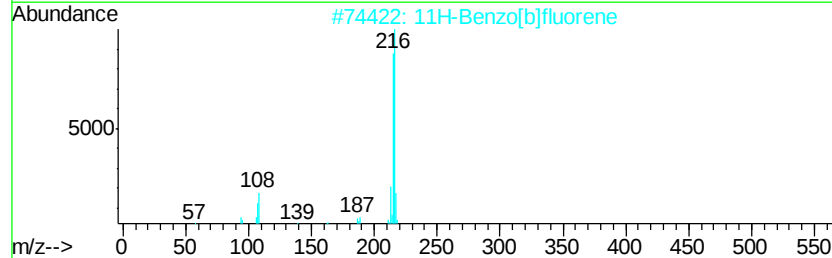
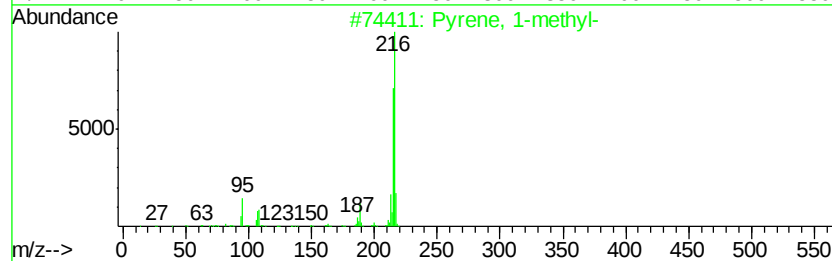
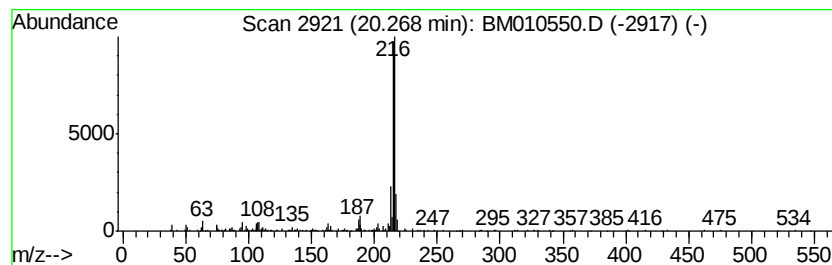
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.67 ng/ul	628011	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010550.D
Acq On : 13 Jun 2017 00:09
Operator : SJ/MA
Sample : I3522-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzocycloheptatr...	12.56	3.3	ng/ul	197180	2	10.69	1202430	20.0
Naphthalene, 2,7-...	13.69	3.4	ng/ul	288615	3	14.52	1688690	20.0
Naphthalene, 2,6-...	13.83	3.9	ng/ul	331273	3	14.52	1688690	20.0
Nordiphenamid	15.73	2.7	ng/ul	231422	3	14.52	1688690	20.0
9H-Fluoren-9-ol	15.86	4.2	ng/ul	355956	3	14.52	1688690	20.0
Dibenzofuran, 4-m...	16.00	4.0	ng/ul	463844	4	17.27	2330160	20.0
9H-Fluorene, 2-me...	16.56	3.3	ng/ul	382662	4	17.27	2330160	20.0
Naphtho[1,2-b]thi...	17.09	4.3	ng/ul	506470	4	17.27	2330160	20.0
Anthracene, 2-met...	18.14	4.9	ng/ul	574171	4	17.27	2330160	20.0
1H-Cyclopropa[l]p...	18.19	5.3	ng/ul	611489	4	17.27	2330160	20.0
4H-Cyclopenta[def...	18.34	8.2	ng/ul	958300	4	17.27	2330160	20.0
5,16[1',2']:8,13[...	18.64	2.9	ng/ul	337446	4	17.27	2330160	20.0
Phenanthrene, 3,6...	19.05	2.1	ng/ul	240545	4	17.27	2330160	20.0
Fluoranthene, 2-m...	20.17	2.5	ng/ul	595832	5	21.44	4709580	20.0
Pyrene, 1-methyl-	20.27	2.7	ng/ul	628011	5	21.44	4709580	20.0