

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010556.D
 Acq On : 13 Jun 2017 03:44
 Operator : SJ/MA
 Sample : I3558-09DL2 30X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C63DL2

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	7.887	808	816	828	rBV	466193	767292	16.86%	2.001%
2	8.245	871	877	883	rBV4	33090	58835	1.29%	0.153%
3	10.686	1283	1292	1296	rBV	562088	974504	21.41%	2.542%
4	10.739	1296	1301	1309	rVB	1056277	1761163	38.69%	4.593%
5	10.863	1317	1322	1330	rBV3	43075	71746	1.58%	0.187%
6	12.339	1566	1573	1580	rBV	592990	940314	20.66%	2.452%
7	12.563	1602	1611	1617	rBV	288549	465794	10.23%	1.215%
8	13.351	1738	1745	1751	rBV	156872	251671	5.53%	0.656%
9	13.539	1773	1777	1787	rVB2	73924	146609	3.22%	0.382%
10	13.674	1794	1800	1801	rBV3	121666	168280	3.70%	0.439%
11	13.833	1820	1827	1832	rBV2	163285	295025	6.48%	0.769%
12	13.886	1832	1836	1841	rVV3	109440	171585	3.77%	0.447%
13	13.939	1841	1845	1848	rVB4	36480	59261	1.30%	0.155%
14	14.069	1860	1867	1871	rBV2	83743	128098	2.81%	0.334%
15	14.239	1884	1896	1903	rBV6	58105	152495	3.35%	0.398%
16	14.486	1933	1938	1940	rBV2	105364	161539	3.55%	0.421%
17	14.521	1940	1944	1950	rVV2	898667	1390152	30.54%	3.626%
18	14.586	1950	1955	1961	rVB	795715	1109521	24.38%	2.894%
19	14.710	1973	1976	1985	rVB5	31822	77818	1.71%	0.203%
20	14.827	1992	1996	2001	rVB2	43285	55134	1.21%	0.144%
21	14.921	2004	2012	2018	rVV	622557	956013	21.00%	2.493%
22	14.974	2018	2021	2026	rVB3	53572	76563	1.68%	0.200%
23	15.127	2041	2047	2051	rBV3	43234	73582	1.62%	0.192%
24	15.180	2051	2056	2060	rBV2	46109	66939	1.47%	0.175%
25	15.298	2068	2076	2079	rBV4	44452	86946	1.91%	0.227%
26	15.516	2109	2113	2116	rVV2	49196	74624	1.64%	0.195%
27	15.568	2116	2122	2130	rVB	858373	1271714	27.94%	3.317%
28	15.657	2133	2137	2139	rBV5	44379	63868	1.40%	0.167%
29	15.686	2139	2142	2145	rVV3	72930	100013	2.20%	0.261%
30	15.727	2145	2149	2154	rVB3	107426	155439	3.41%	0.405%
31	15.816	2160	2164	2167	rBV	59266	76089	1.67%	0.198%
32	15.857	2167	2171	2178	rVB	174491	252151	5.54%	0.658%
33	16.004	2191	2196	2204	rBV2	174975	348272	7.65%	0.908%
34	16.098	2208	2212	2218	rVB2	36907	55673	1.22%	0.145%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
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35	16.198	2225	2229	2238	rVB8	40476	98414	2.16%	0.257%
36	16.563	2281	2291	2296	rBV2	136869	313712	6.89%	0.818%
37	16.621	2296	2301	2306	rVV4	54133	92067	2.02%	0.240%
38	16.715	2311	2317	2322	rVB6	56259	98676	2.17%	0.257%
39	16.786	2322	2329	2332	rBV6	63014	130866	2.88%	0.341%
40	16.827	2332	2336	2339	rBV3	56640	75259	1.65%	0.196%
41	16.980	2357	2362	2376	rVB6	68054	182274	4.00%	0.475%
42	17.092	2376	2381	2386	rBV	230345	327485	7.19%	0.854%
43	17.268	2405	2411	2415	rBV2	1317517	2008619	44.13%	5.239%
44	17.315	2415	2419	2424	rVV	3244716	4551828	100.00%	11.871%
45	17.362	2424	2427	2429	rVV2	45439	63187	1.39%	0.165%
46	17.404	2429	2434	2442	rVB	530344	766200	16.83%	1.998%
47	17.692	2474	2483	2494	rVB	190978	373427	8.20%	0.974%
48	17.780	2494	2498	2504	rBV4	54088	97788	2.15%	0.255%
49	18.139	2552	2559	2563	rBV	250026	377173	8.29%	0.984%
50	18.186	2563	2567	2573	rVB	311990	442630	9.72%	1.154%
51	18.268	2576	2581	2586	rBV	152472	192205	4.22%	0.501%
52	18.339	2586	2593	2597	rBV2	355382	660902	14.52%	1.724%
53	18.639	2639	2644	2649	rVB	186820	250690	5.51%	0.654%
54	18.927	2690	2693	2696	rVB3	42033	52106	1.14%	0.136%
55	19.045	2709	2713	2718	rBV2	88902	135918	2.99%	0.354%
56	19.321	2754	2760	2767	rBV	2142213	2880345	63.28%	7.512%
57	19.568	2799	2802	2810	rVB3	76948	149859	3.29%	0.391%
58	19.651	2810	2816	2818	rBV2	400829	638003	14.02%	1.664%
59	19.686	2818	2822	2829	rVV	1305038	1902386	41.79%	4.961%
60	19.751	2829	2833	2837	rVB3	104095	150972	3.32%	0.394%
61	19.862	2848	2852	2857	rBV2	107966	122384	2.69%	0.319%
62	19.998	2871	2875	2877	rBV3	116226	161187	3.54%	0.420%
63	20.080	2884	2889	2891	rBV5	48671	85638	1.88%	0.223%
64	20.174	2901	2905	2910	rVB	261655	374427	8.23%	0.977%
65	20.274	2917	2922	2925	rBV	273690	369789	8.12%	0.964%
66	21.086	3057	3060	3064	rBV	113153	171901	3.78%	0.448%
67	21.121	3064	3066	3070	rVB2	87107	92441	2.03%	0.241%
68	21.439	3113	3120	3124	rBV2	2445239	3760486	82.61%	9.807%
69	21.474	3124	3126	3130	rVB	473718	493941	10.85%	1.288%
70	23.768	3510	3516	3530	rVB	1368281	2833188	62.24%	7.389%

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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

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

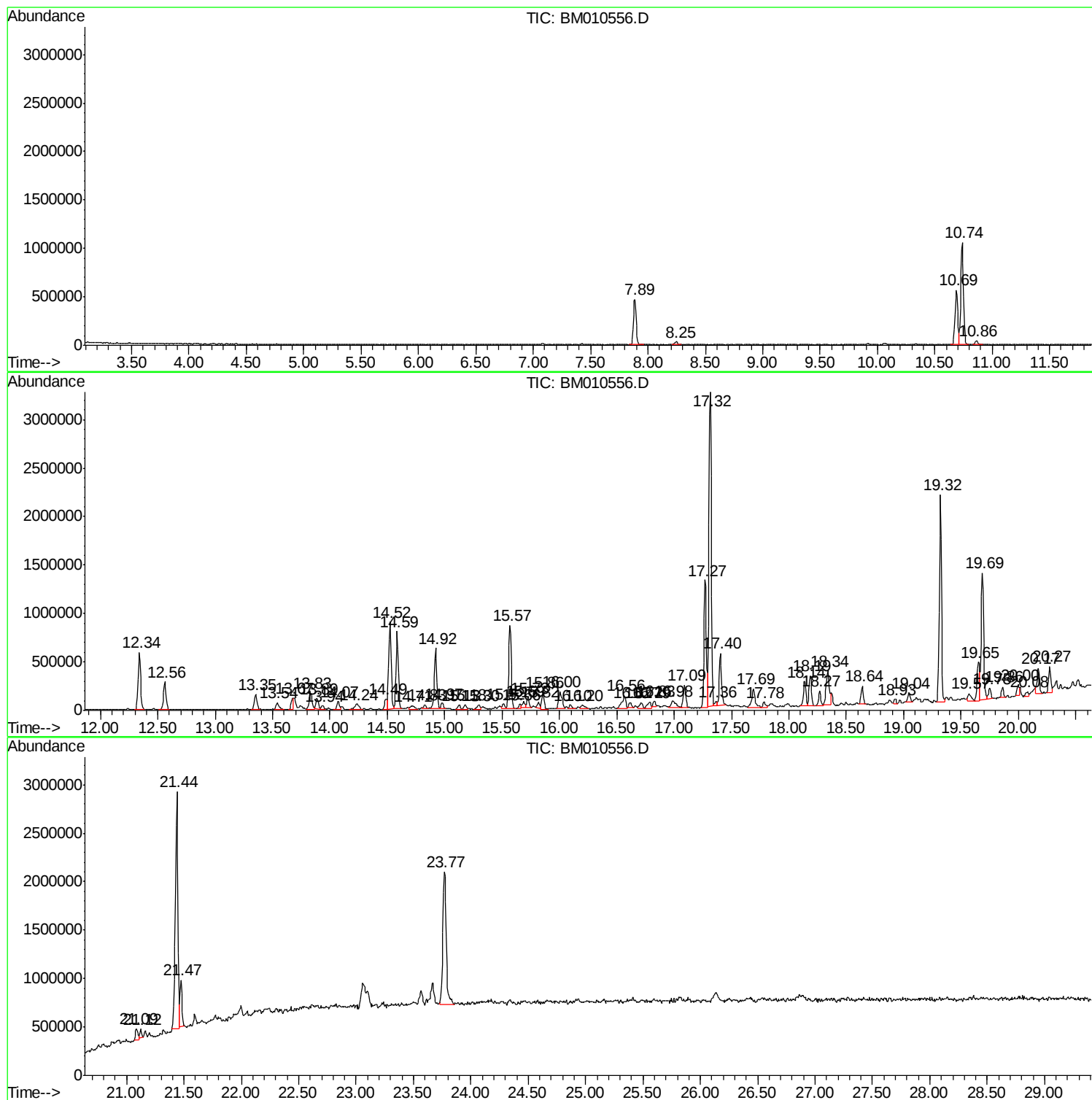
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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Sample : I3558-09DL2 30X
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ALS Vial : 30 Sample Multiplier: 1

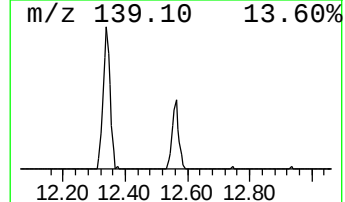
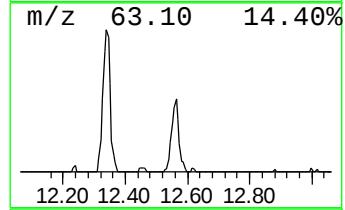
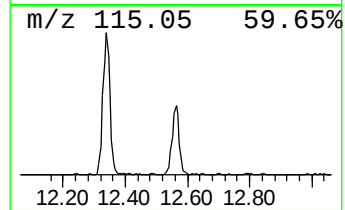
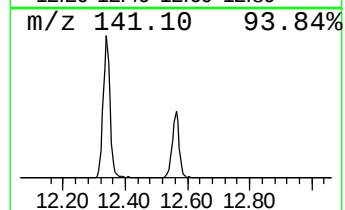
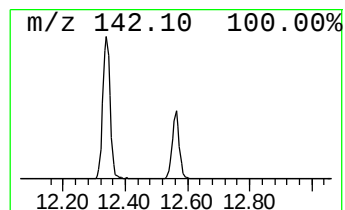
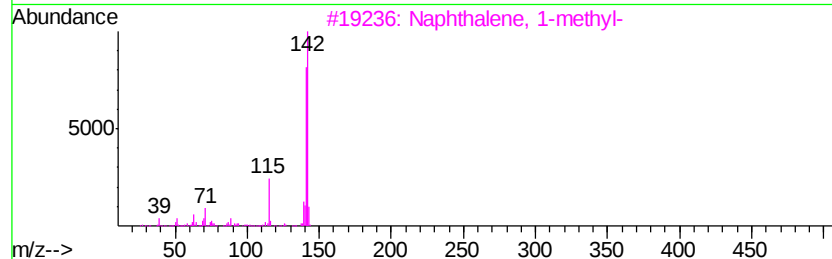
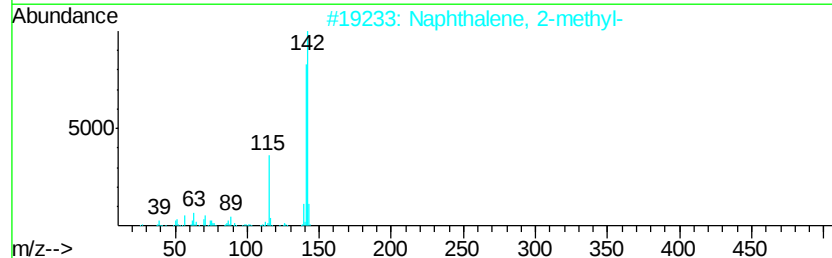
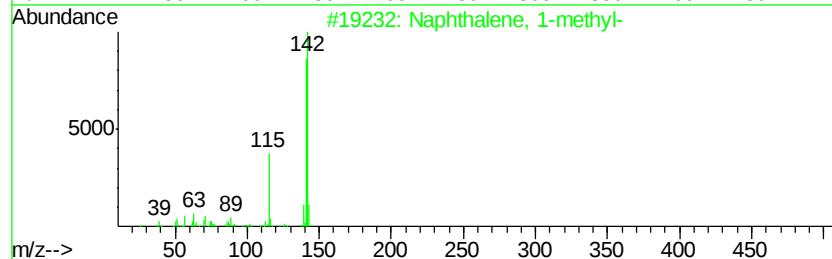
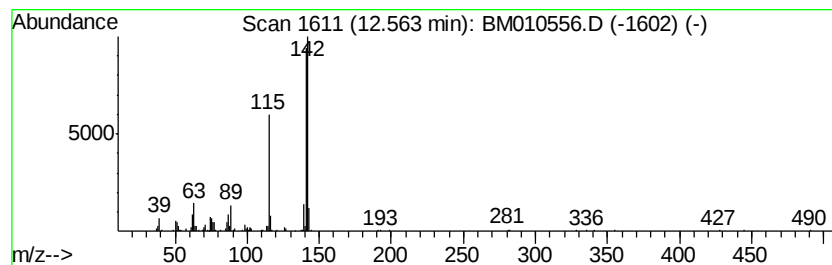
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.56	9.56 ng/ul	465794	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	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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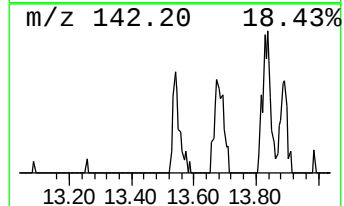
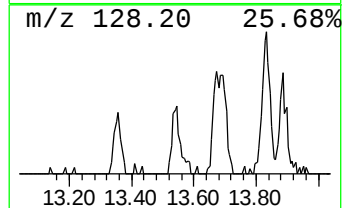
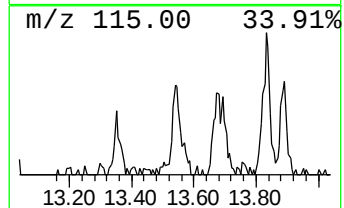
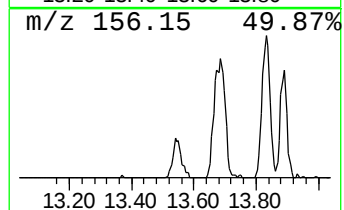
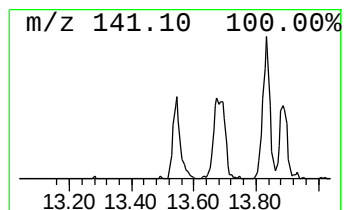
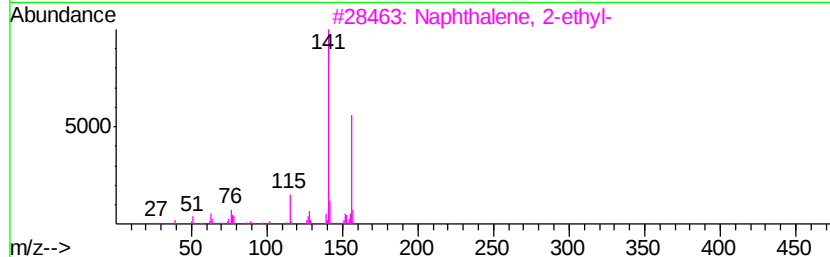
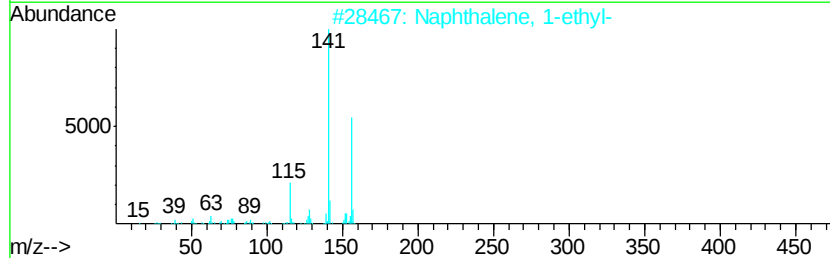
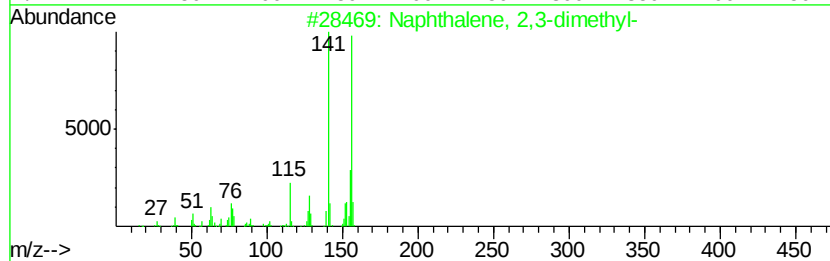
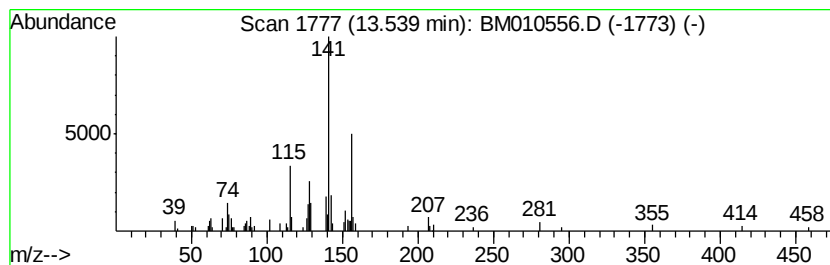
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.11 ng/ul	146609	Acenaphthene-d10	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64



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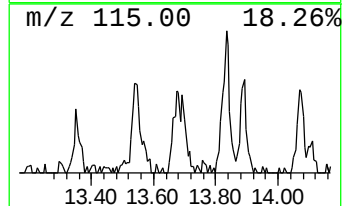
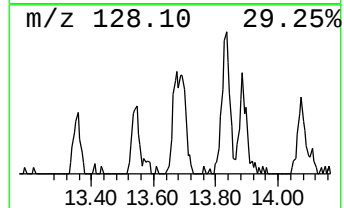
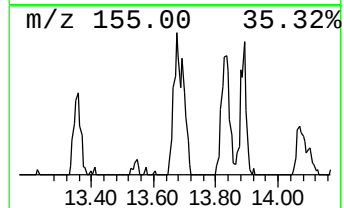
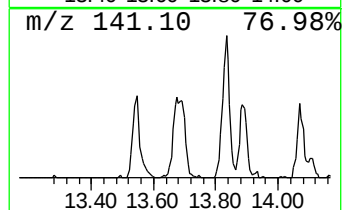
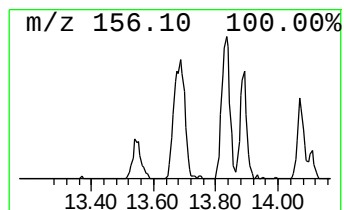
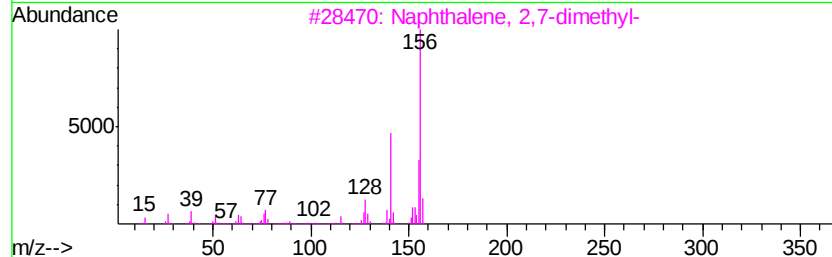
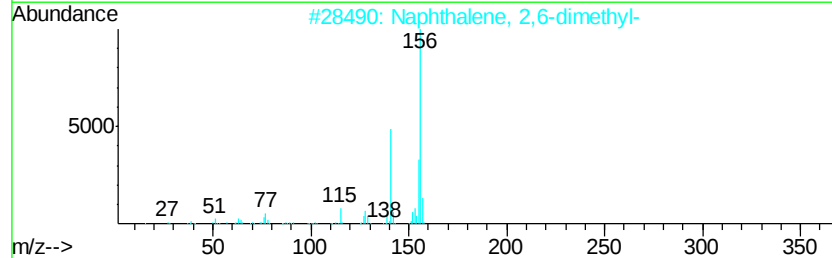
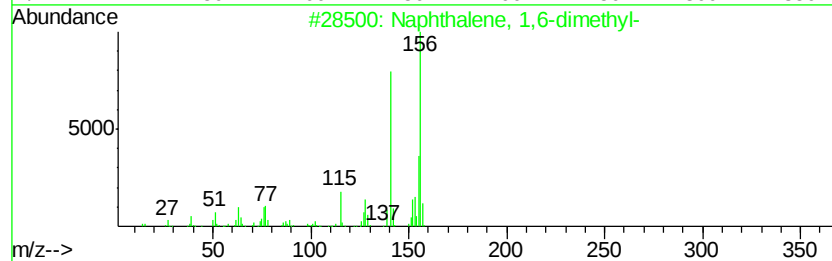
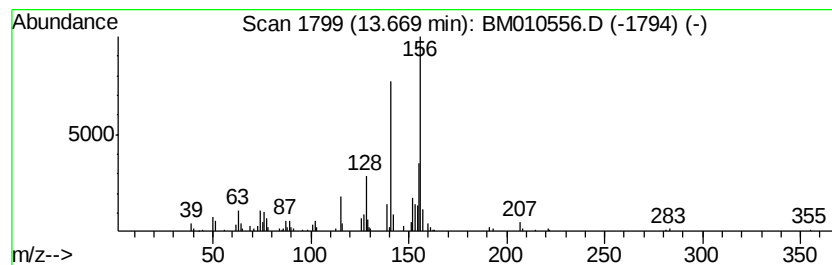
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.42 ng/ul	168280	Acenaphthene-d10	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90



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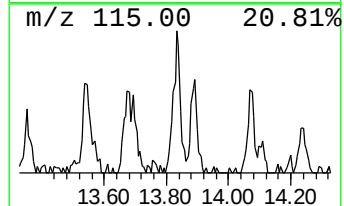
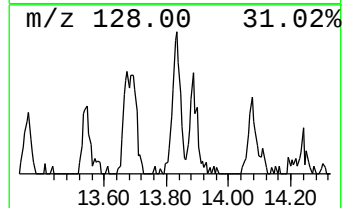
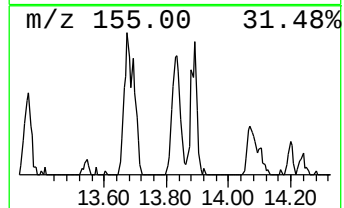
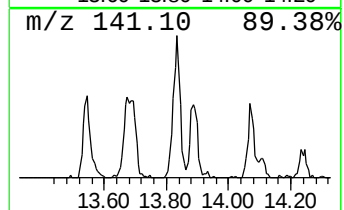
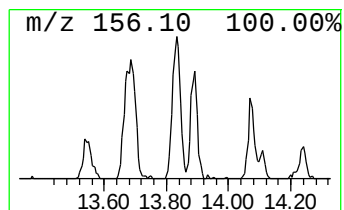
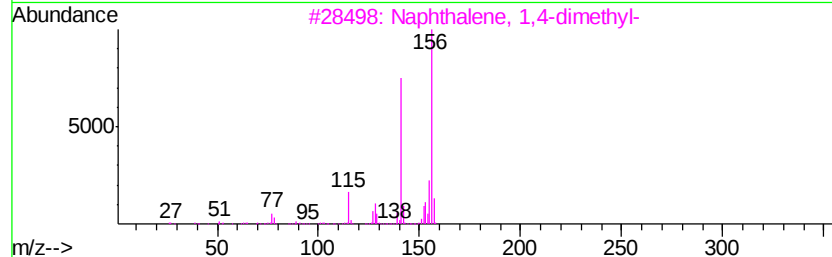
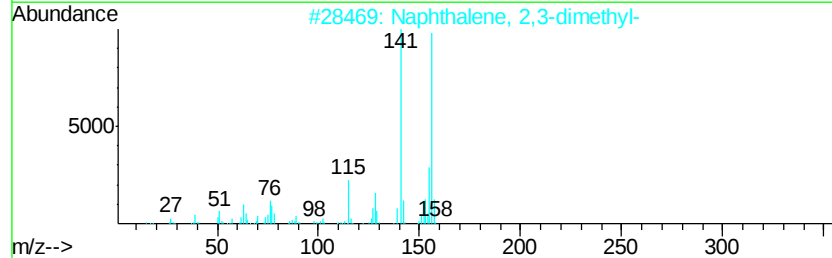
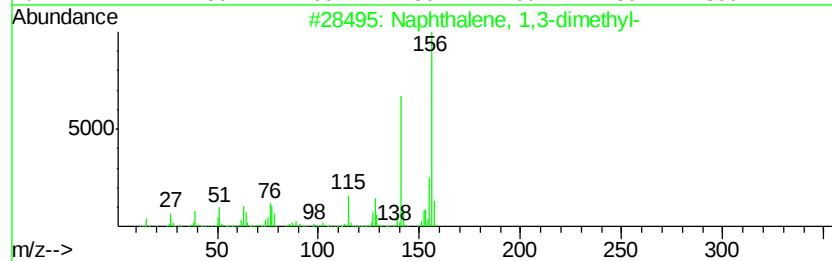
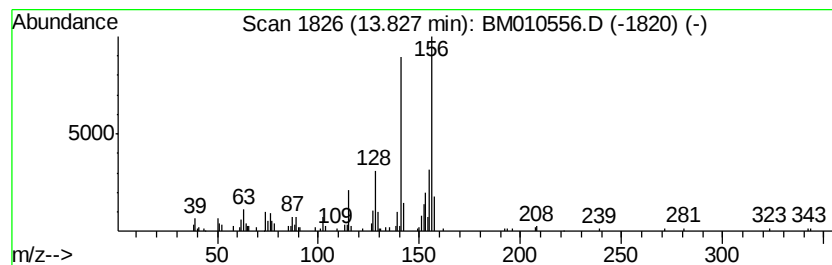
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.24 ng/ul	295025	Acenaphthene-d10	14.52
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 93
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 93
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 93
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010556.D
Acq On : 13 Jun 2017 03:44
Operator : SJ/MA
Sample : I3558-09DL2 30X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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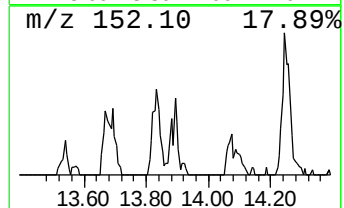
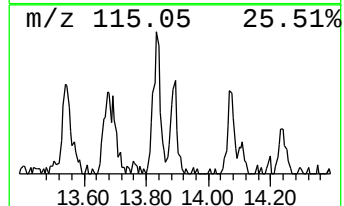
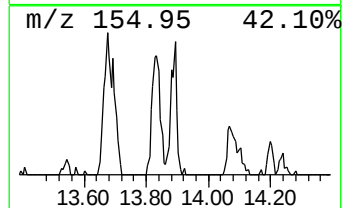
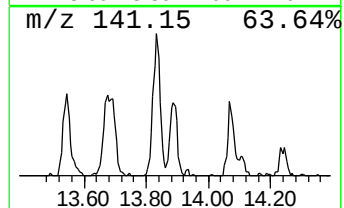
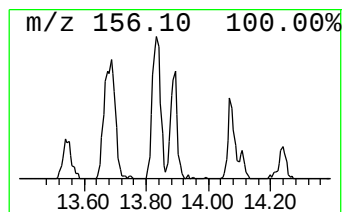
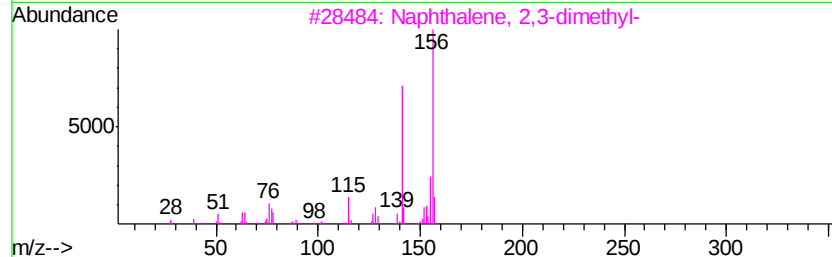
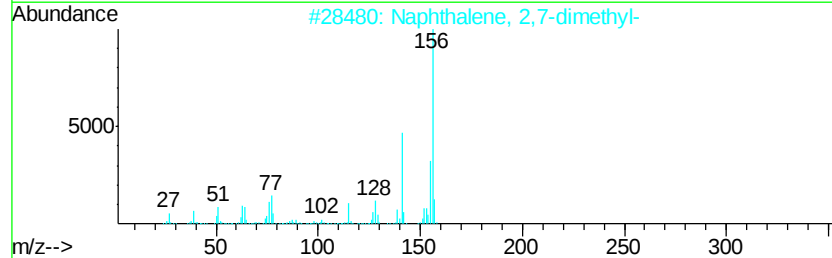
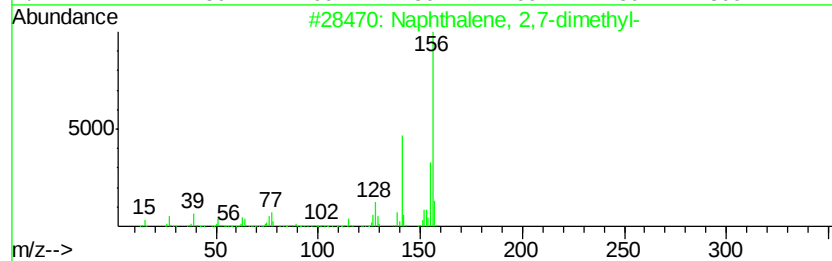
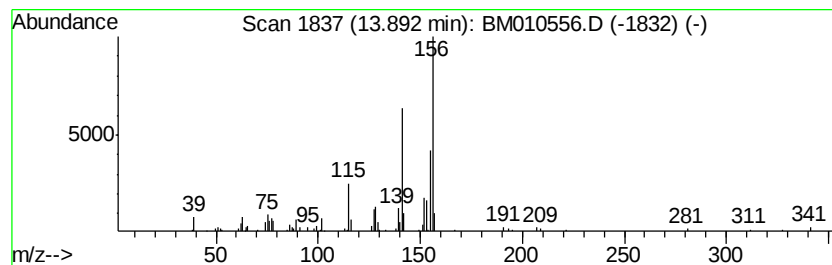
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.47 ng/ul	171585	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, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
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Operator : SJ/MA
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ClientSampleId :
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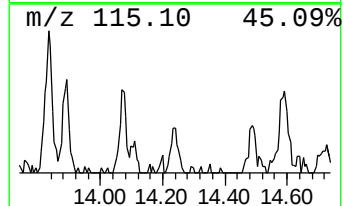
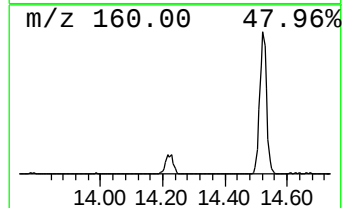
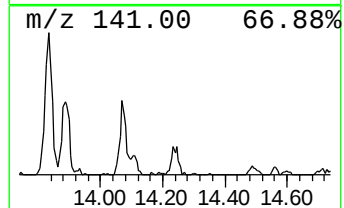
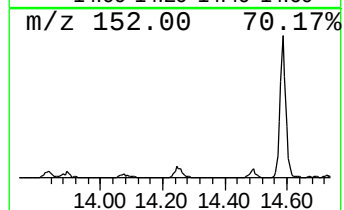
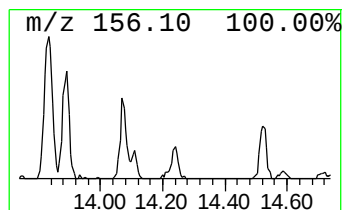
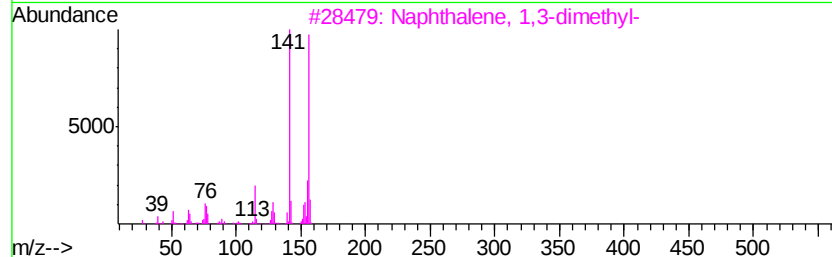
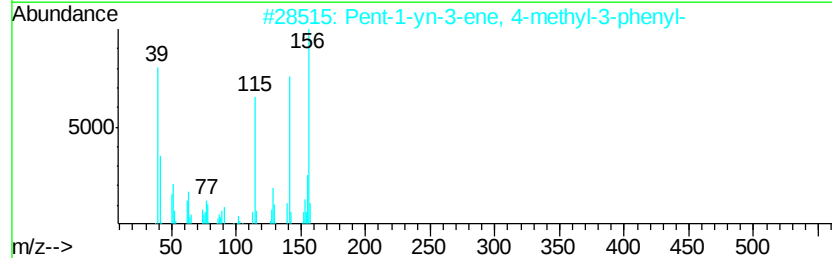
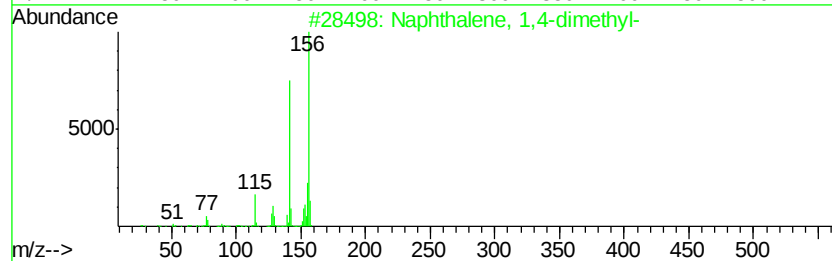
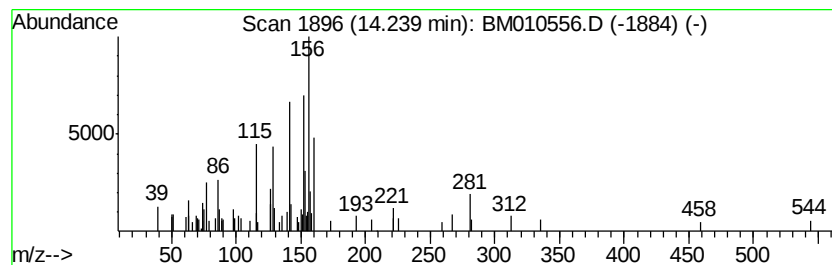
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.19 ng/ul	152495	Acenaphthene-d10	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	46
2		Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	42
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010556.D
Acq On : 13 Jun 2017 03:44
Operator : SJ/MA
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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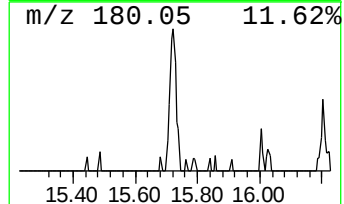
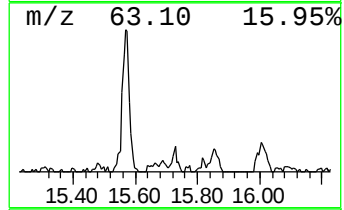
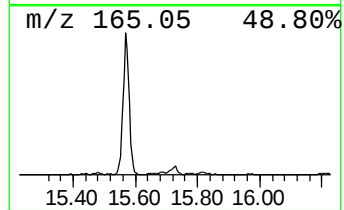
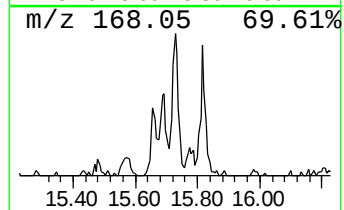
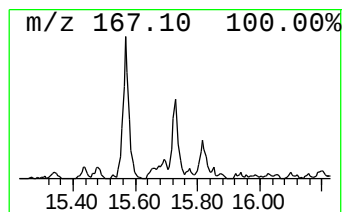
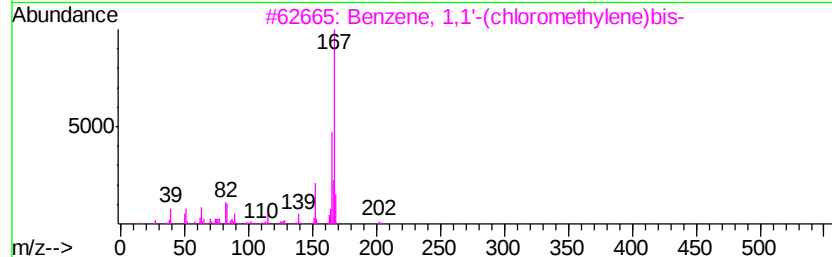
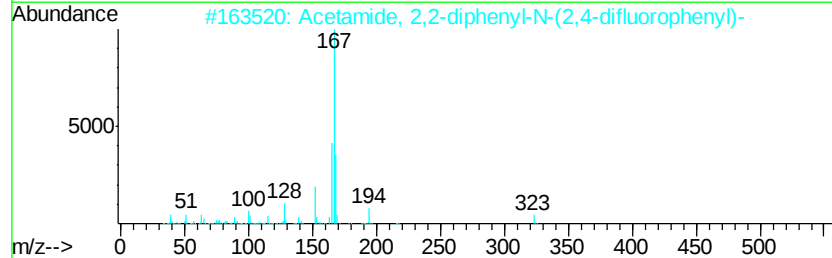
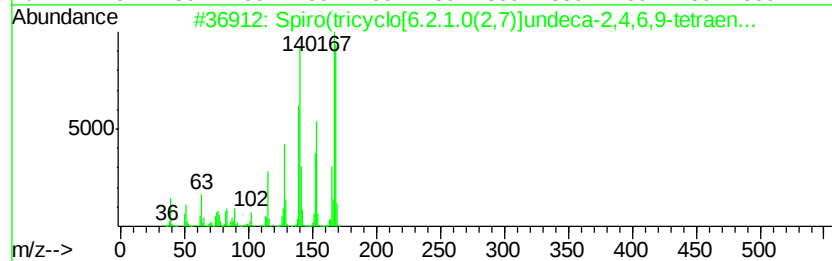
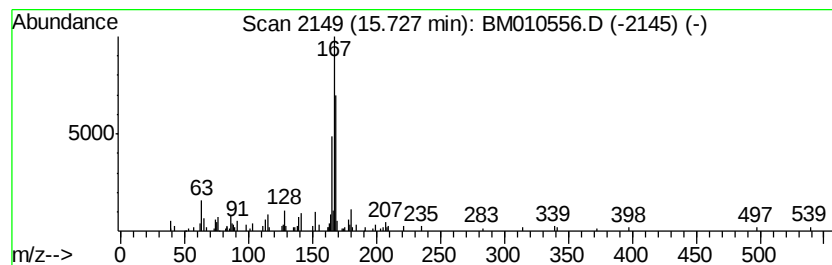
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Spiro(tricyclo[6.2.1.0(2,7)... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.24 ng/ul	155439	Acenaphthene-d10	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spiro(tricyclo[6.2.1.0(2,7)]unde...	168	C13H12	022003-58-3	50
2		Acetamide, 2,2-diphenyl-N-(2,4-d...	323	C20H15F2NO	310457-20-6	50
3		Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	40
4		Benzenepropanoic acid, .alpha.-(...	270	C17H18O3	118217-43-9	40
5		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
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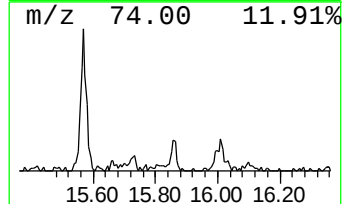
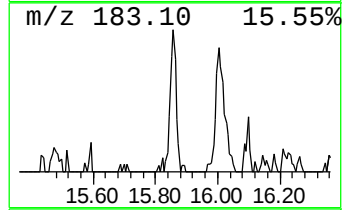
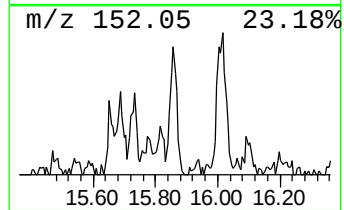
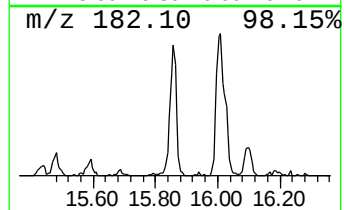
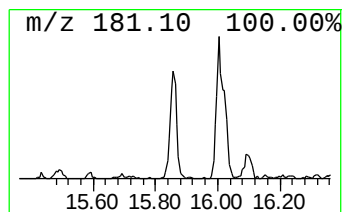
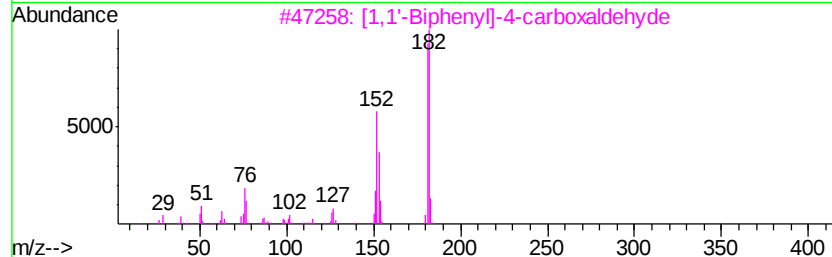
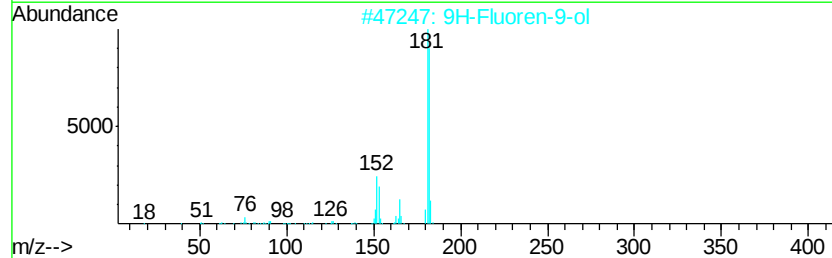
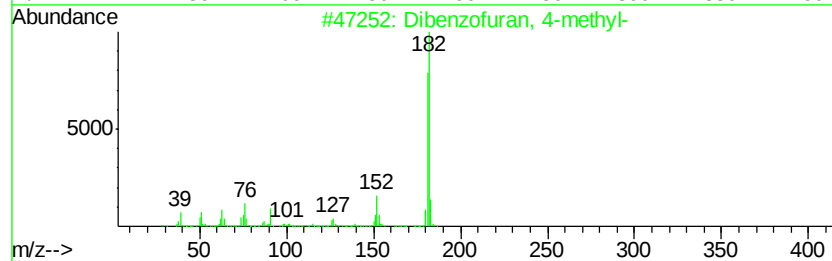
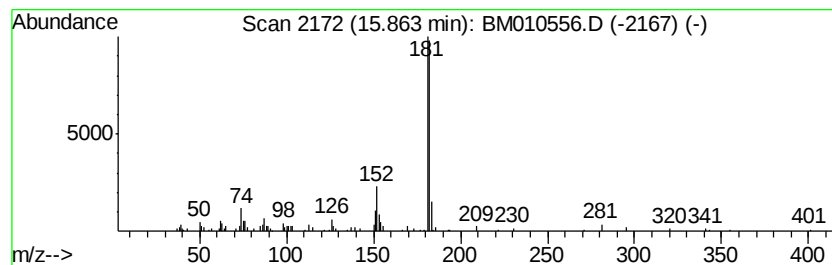
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.63 ng/ul	252151	Acenaphthene-d10	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
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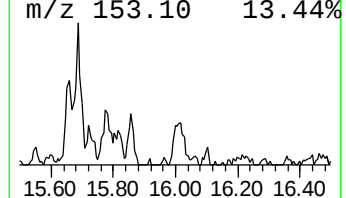
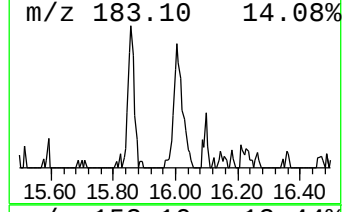
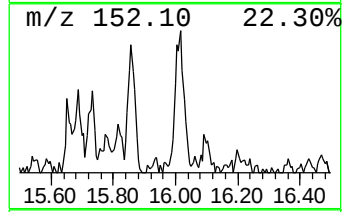
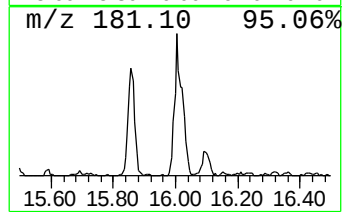
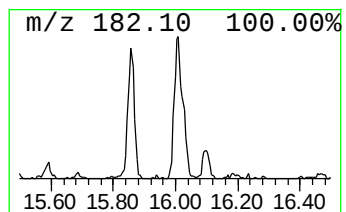
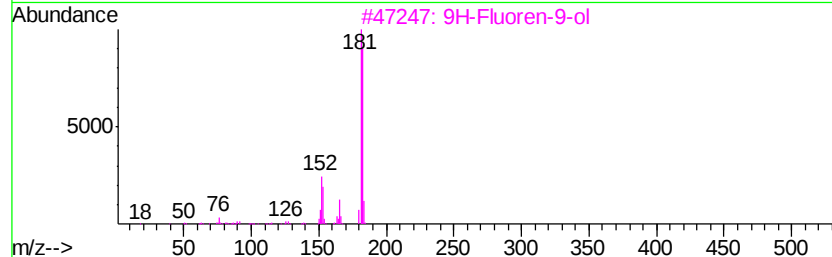
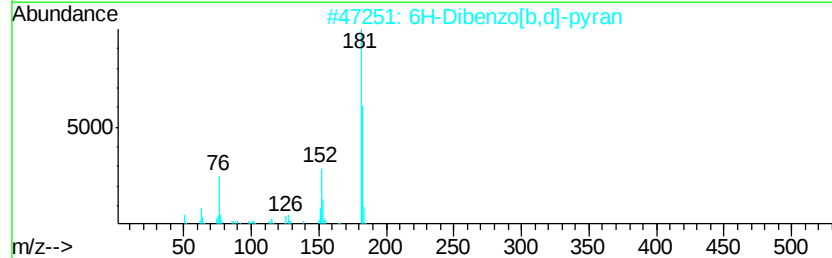
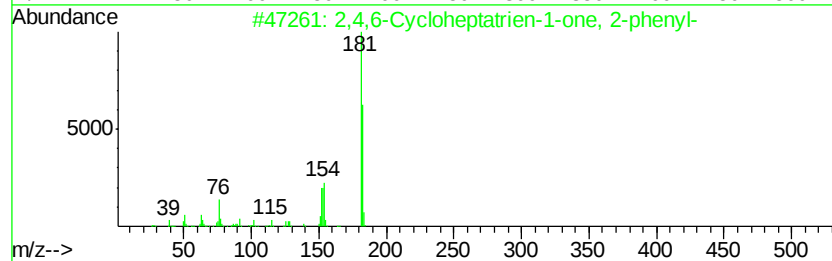
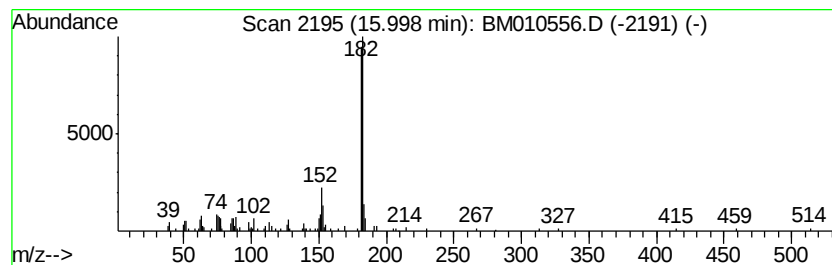
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	3.47 ng/ul	348272	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	72
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
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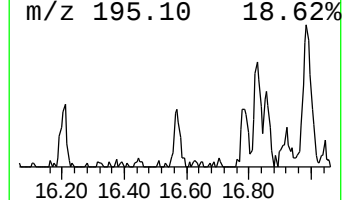
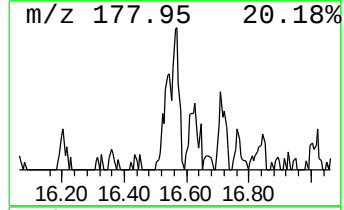
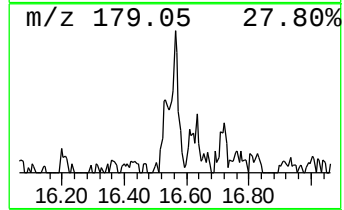
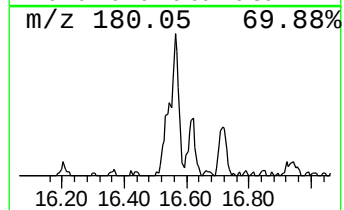
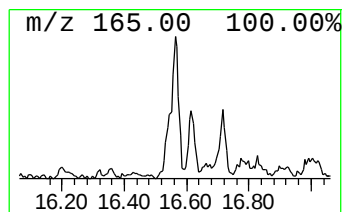
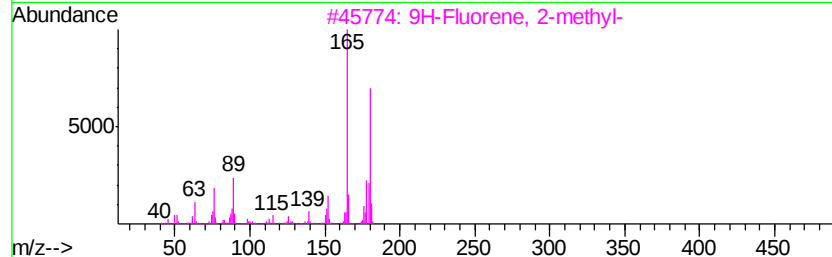
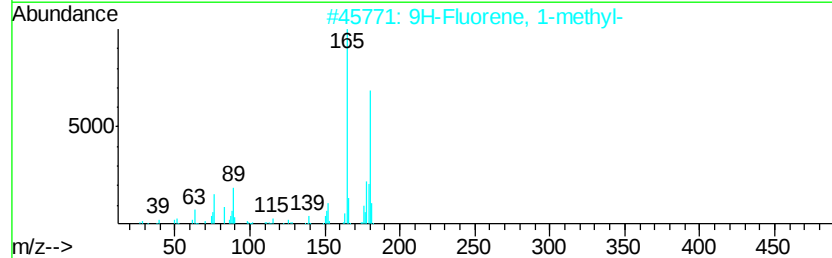
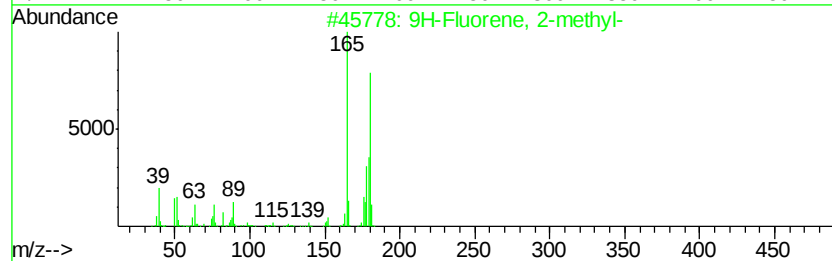
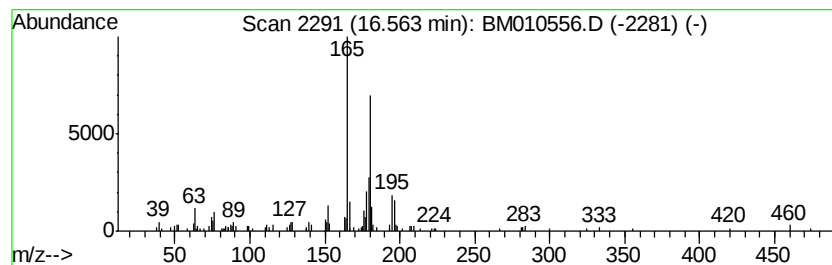
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	3.12 ng/ul	313712	Phenanthrene-d10	17.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70



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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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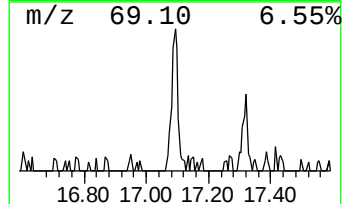
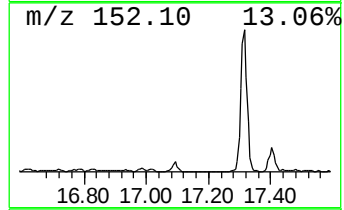
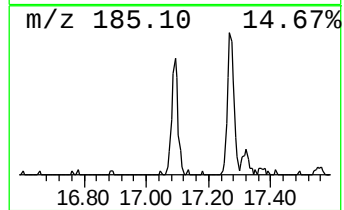
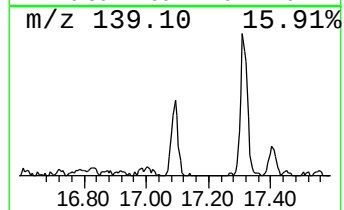
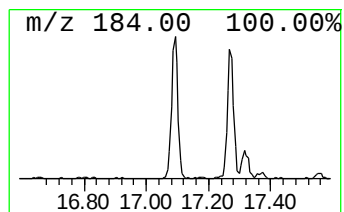
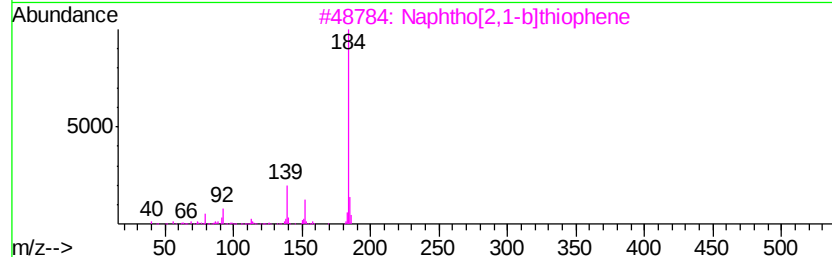
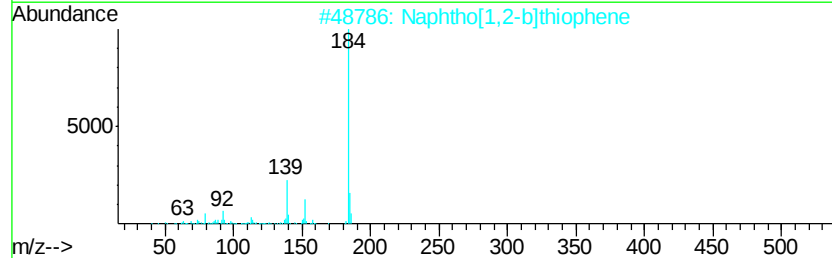
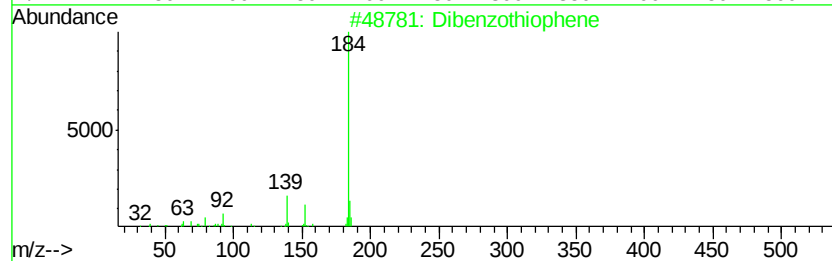
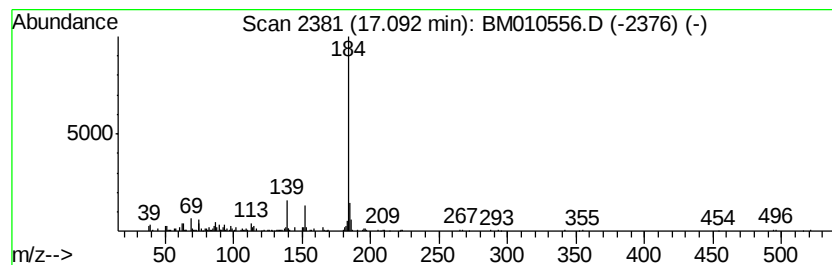
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	3.26 ng/ul	327485	Phenanthrene-d10	17.27

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010556.D
Acq On : 13 Jun 2017 03:44
Operator : SJ/MA
Sample : I3558-09DL2 30X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C63DL2

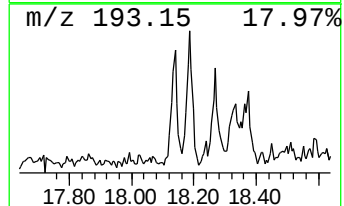
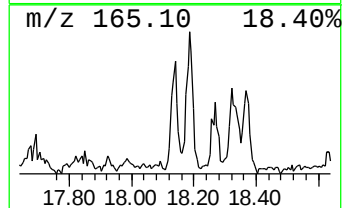
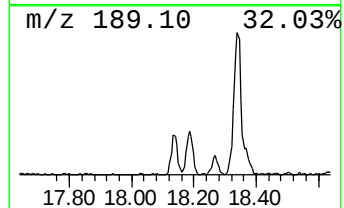
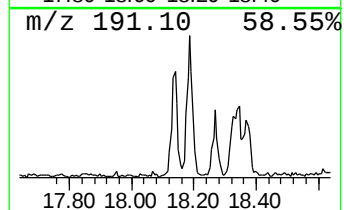
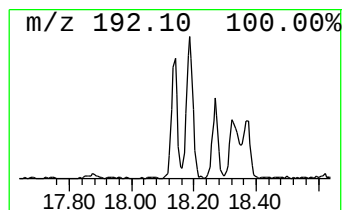
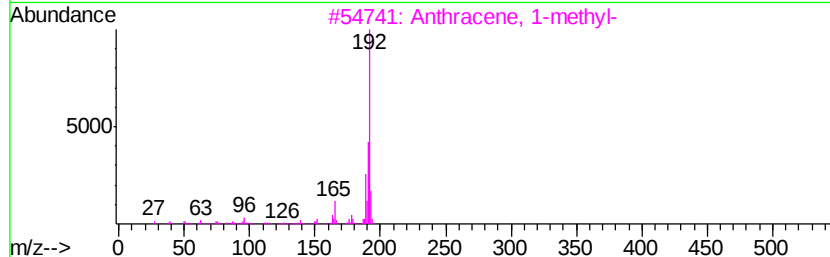
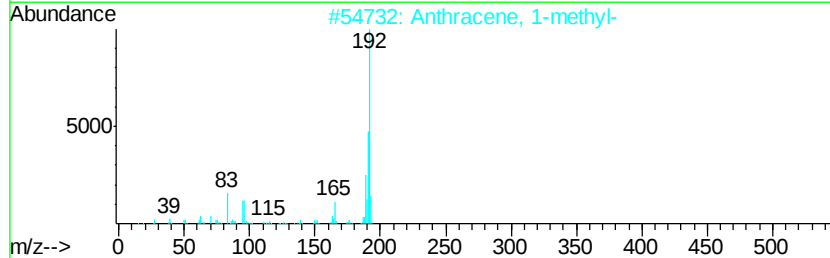
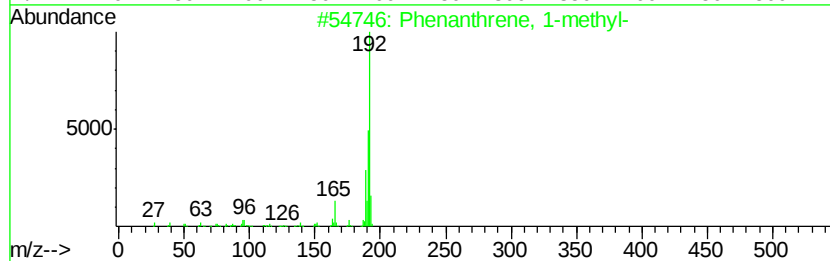
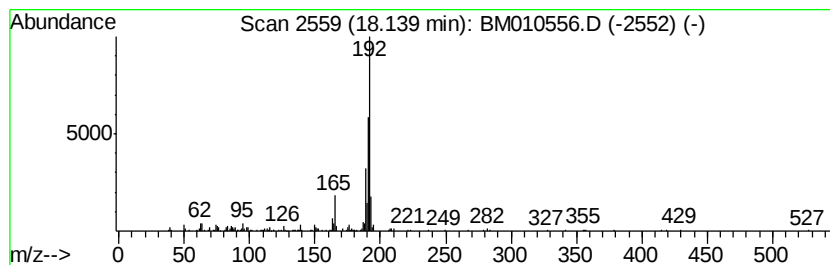
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.76 ng/ul	377173	Phenanthrene-d10	17.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010556.D
Acq On : 13 Jun 2017 03:44
Operator : SJ/MA
Sample : I3558-09DL2 30X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C63DL2

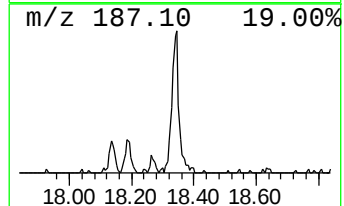
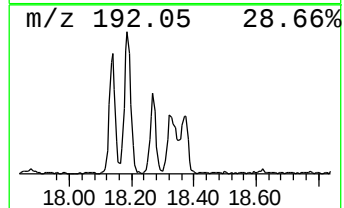
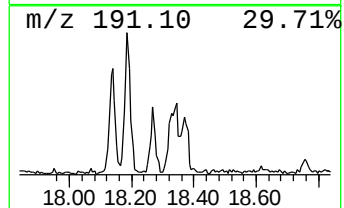
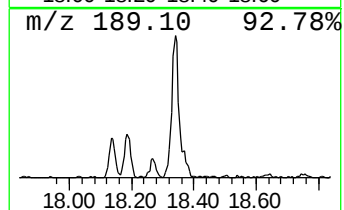
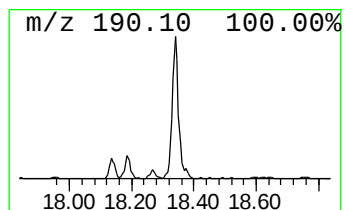
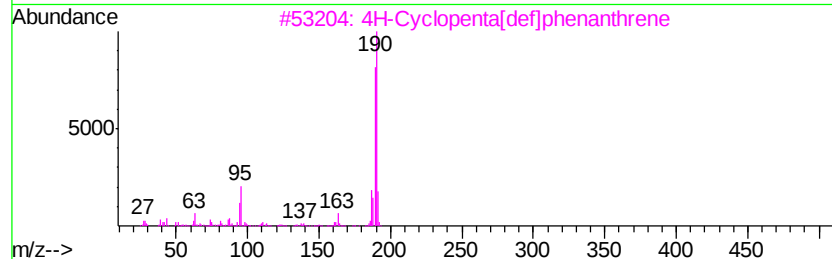
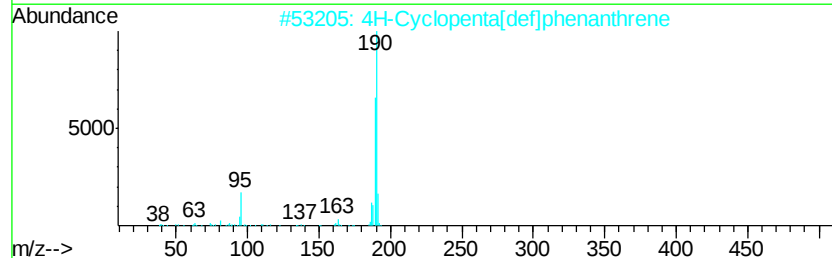
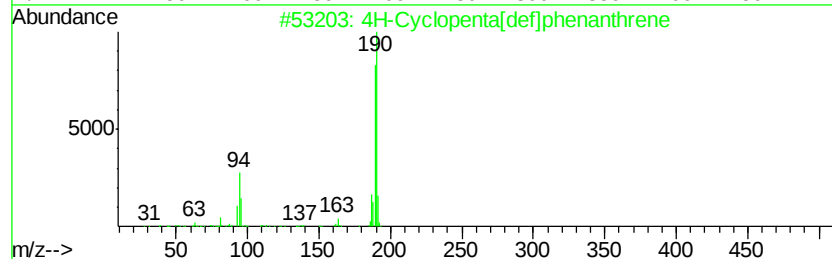
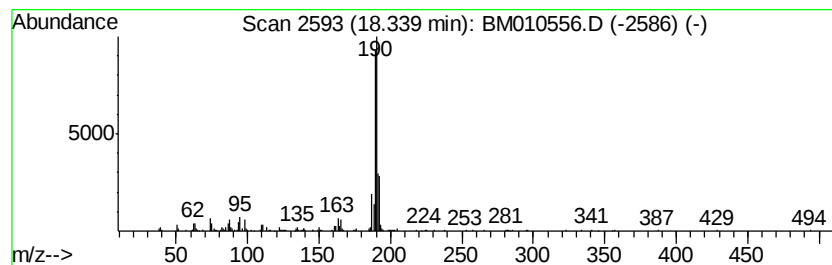
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	6.58 ng/ul	660902	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010556.D
Acq On : 13 Jun 2017 03:44
Operator : SJ/MA
Sample : I3558-09DL2 30X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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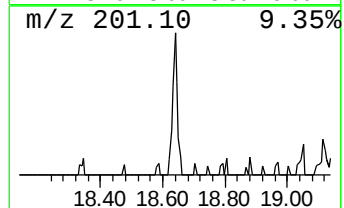
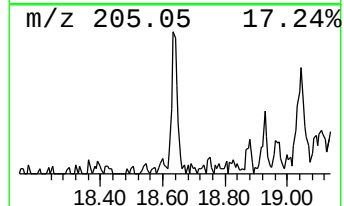
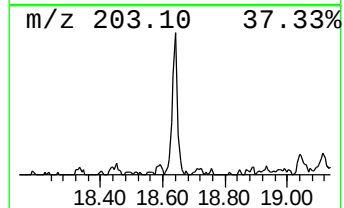
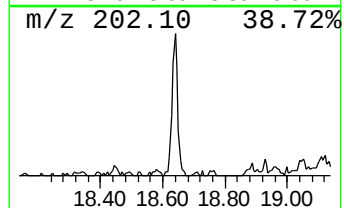
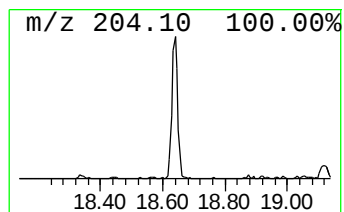
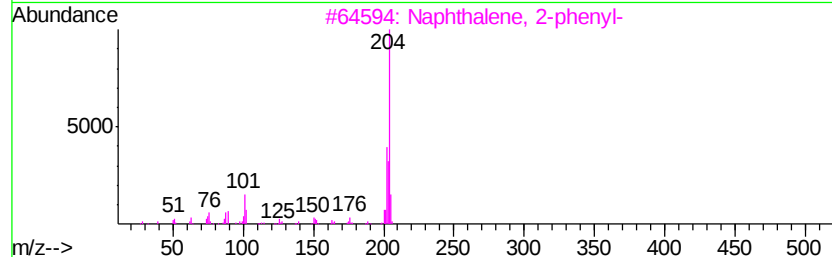
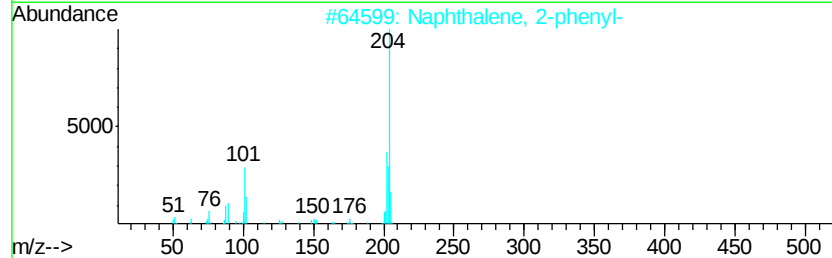
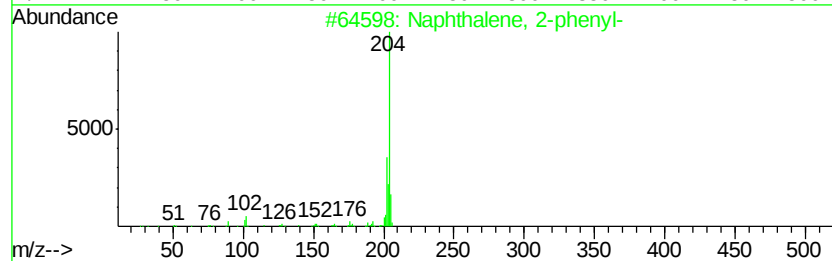
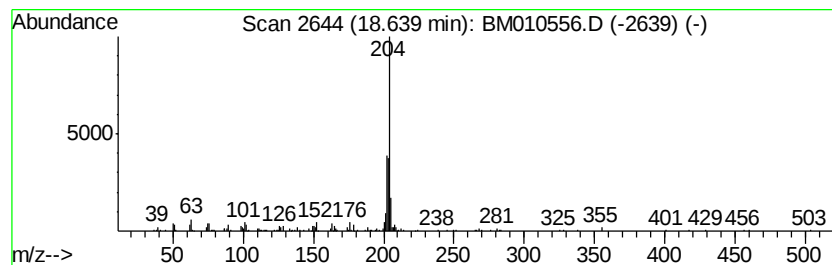
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.50 ng/ul	250690	Phenanthrene-d10	17.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010556.D
 Acq On : 13 Jun 2017 03:44
 Operator : SJ/MA
 Sample : I3558-09DL2 30X
 Misc :
 ALS Vial : 30 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
Naphthalene, 1-me...	12.56	9.6	ng/ul	465794	2	10.69	974504	20.0
Naphthalene, 2,3-...	13.54	2.1	ng/ul	146609	3	14.52	1390150	20.0
Naphthalene, 1,6-...	13.67	2.4	ng/ul	168280	3	14.52	1390150	20.0
Naphthalene, 1,3-...	13.83	4.2	ng/ul	295025	3	14.52	1390150	20.0
Naphthalene, 2,7-...	13.89	2.5	ng/ul	171585	3	14.52	1390150	20.0
unknown-01	14.24	2.2	ng/ul	152495	3	14.52	1390150	20.0
Spiro(tricyclo[6....	15.73	2.2	ng/ul	155439	3	14.52	1390150	20.0
Dibenzofuran, 4-m...	15.86	3.6	ng/ul	252151	3	14.52	1390150	20.0
2,4,6-Cycloheptat...	16.00	3.5	ng/ul	348272	4	17.27	2008620	20.0
9H-Fluorene, 2-me...	16.56	3.1	ng/ul	313712	4	17.27	2008620	20.0
Dibenzothiophene	17.09	3.3	ng/ul	327485	4	17.27	2008620	20.0
Phenanthrene, 1-m...	18.14	3.8	ng/ul	377173	4	17.27	2008620	20.0
4H-Cyclopenta[def...	18.34	6.6	ng/ul	660902	4	17.27	2008620	20.0
Naphthalene, 2-ph...	18.64	2.5	ng/ul	250690	4	17.27	2008620	20.0