

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010520.D
 Acq On : 11 Jun 2017 11:58
 Operator : SJ/MA
 Sample : I3522-19
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D32

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	670	678	688	rBV	371032	659940	1.21%	0.228%
2	7.428	731	738	746	rBV	432103	700208	1.29%	0.242%
3	7.892	809	817	827	rVB	694843	1118309	2.06%	0.386%
4	8.610	933	939	952	rBV	460932	792140	1.46%	0.274%
5	9.075	1010	1018	1025	rBV	379103	632893	1.16%	0.219%
6	9.786	1130	1139	1146	rBV	391152	648045	1.19%	0.224%
7	10.316	1220	1229	1242	rBV2	587397	1027156	1.89%	0.355%
8	10.692	1286	1293	1299	rBV	882578	1504257	2.76%	0.520%
9	10.857	1314	1321	1329	rBV	514423	899542	1.65%	0.311%
10	12.345	1567	1574	1585	rBV	1268822	2019341	3.71%	0.697%
11	12.569	1606	1612	1618	rVB	748590	1190867	2.19%	0.411%
12	13.357	1740	1746	1754	rBV	650456	966914	1.78%	0.334%
13	13.545	1766	1778	1788	rVB	440481	966725	1.78%	0.334%
14	13.680	1795	1801	1802	rBV2	719227	1050266	1.93%	0.363%
15	13.839	1821	1828	1833	rBV	1205395	2092848	3.85%	0.723%
16	13.892	1833	1837	1841	rVV	570960	831681	1.53%	0.287%
17	13.945	1841	1846	1850	rVV	1230269	1650228	3.03%	0.570%
18	13.992	1850	1854	1860	rVB	990977	1351688	2.48%	0.467%
19	14.074	1862	1868	1872	rBV	551138	867579	1.59%	0.300%
20	14.227	1885	1894	1905	rBV3	1325095	2492594	4.58%	0.861%
21	14.492	1931	1939	1942	rBV	719705	1094376	2.01%	0.378%
22	14.527	1942	1945	1951	rVV2	1464763	2131030	3.92%	0.736%
23	14.598	1951	1957	1963	rVB	7217942	10274714	18.88%	3.549%
24	14.933	2005	2014	2019	rVV	6107242	9212432	16.93%	3.182%
25	14.986	2019	2023	2028	rVB	411663	545392	1.00%	0.188%
26	15.127	2041	2047	2052	rBV2	386398	652284	1.20%	0.225%
27	15.304	2068	2077	2080	rBV	316094	700839	1.29%	0.242%
28	15.521	2109	2114	2118	rVB	1550894	1983748	3.65%	0.685%
29	15.580	2118	2124	2131	rVB	10995815	14235790	26.16%	4.917%
30	15.662	2131	2138	2141	rBV2	763290	1308930	2.41%	0.452%
31	15.733	2146	2150	2155	rVB2	1007474	1420952	2.61%	0.491%
32	15.821	2161	2165	2168	rBV	431164	628876	1.16%	0.217%
33	15.862	2168	2172	2178	rVB	1620044	2292160	4.21%	0.792%
34	16.009	2186	2197	2204	rBV	1601831	3266906	6.00%	1.128%

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35	16.209	2218	2231	2241	rBV6	352243	1006039	1.85%	0.347%
36	16.362	2253	2257	2263	rBV	409544	572979	1.05%	0.198%
37	16.574	2281	2293	2297	rBV	1221023	2598792	4.78%	0.898%
38	16.621	2297	2301	2306	rBV2	494008	727615	1.34%	0.251%
39	16.721	2314	2318	2322	rVB	500212	704709	1.30%	0.243%
40	16.792	2322	2330	2333	rBV2	525624	1055035	1.94%	0.364%
41	16.833	2333	2337	2341	rVB2	438612	588773	1.08%	0.203%
42	16.992	2359	2364	2376	rVV3	582304	1543626	2.84%	0.533%
43	17.098	2376	2382	2393	rVB	2212648	3350507	6.16%	1.157%
44	17.280	2407	2413	2416	rBV	2013883	3188978	5.86%	1.101%
45	17.333	2416	2422	2426	rVV2	39378675	54411885	100.00%	18.792%
46	17.380	2426	2430	2432	rVV	1820720	2484136	4.57%	0.858%
47	17.415	2432	2436	2441	rVB	4357995	5810949	10.68%	2.007%
48	17.692	2473	2483	2494	rVB6	461239	1461778	2.69%	0.505%
49	17.786	2494	2499	2506	rBV2	491503	965055	1.77%	0.333%
50	18.145	2552	2560	2564	rBV	2324269	3633759	6.68%	1.255%
51	18.192	2564	2568	2575	rVB	3083788	3980207	7.31%	1.375%
52	18.274	2575	2582	2587	rBV	1167373	1667692	3.06%	0.576%
53	18.345	2587	2594	2598	rVV2	3685630	6723182	12.36%	2.322%
54	18.374	2598	2599	2606	rVB	1189880	1246398	2.29%	0.430%
55	18.645	2640	2645	2651	rVB	1728735	2270467	4.17%	0.784%
56	19.050	2709	2714	2719	rBV	802942	1364255	2.51%	0.471%
57	19.121	2719	2726	2729	rBV4	383303	697883	1.28%	0.241%
58	19.333	2755	2762	2767	rBV	24902850	31356020	57.63%	10.830%
59	19.580	2798	2804	2811	rVB2	562380	1131933	2.08%	0.391%
60	19.662	2811	2818	2821	rBV2	5189446	9026060	16.59%	3.117%
61	19.697	2821	2824	2830	rVV	14731675	18262885	33.56%	6.308%
62	19.756	2830	2834	2839	rVB2	817608	1170525	2.15%	0.404%
63	19.868	2849	2853	2857	rVB	825566	1060733	1.95%	0.366%
64	20.003	2870	2876	2884	rBV4	985359	2199725	4.04%	0.760%
65	20.080	2884	2889	2893	rBV	421569	730468	1.34%	0.252%
66	20.180	2893	2906	2911	rVB	2780167	4741985	8.71%	1.638%
67	20.280	2918	2923	2927	rBV	2836296	3670544	6.75%	1.268%
68	20.339	2931	2933	2936	rVV	822625	837114	1.54%	0.289%
69	20.480	2953	2957	2961	rBV	465466	645882	1.19%	0.223%
70	20.521	2961	2964	2971	rVB	552544	790432	1.45%	0.273%
71	20.874	3021	3024	3029	rBV3	408229	714506	1.31%	0.247%

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72	21.091	3057	3061	3064	rBV	1087469	1525789	2.80%	0.527%
73	21.133	3064	3068	3071	rVB	764569	1004392	1.85%	0.347%
74	21.174	3071	3075	3079	rBV2	716863	1063257	1.95%	0.367%
75	21.433	3112	3119	3124	rBV2	5429903	11940696	21.95%	4.124%
76	21.480	3124	3127	3132	rVB	3907732	4973456	9.14%	1.718%
77	21.597	3143	3147	3154	rBV	844721	1431165	2.63%	0.494%
78	21.997	3212	3215	3220	rVB	684960	990380	1.82%	0.342%
79	23.068	3391	3397	3402	rBV	2025109	4780041	8.78%	1.651%
80	23.574	3478	3483	3487	rBV	1027073	1757212	3.23%	0.607%
81	23.627	3488	3492	3496	rVV2	1440177	2617973	4.81%	0.904%
82	23.674	3496	3500	3507	rVB	1683176	2906757	5.34%	1.004%
83	23.780	3512	3518	3523	rBV	1515043	2945137	5.41%	1.017%

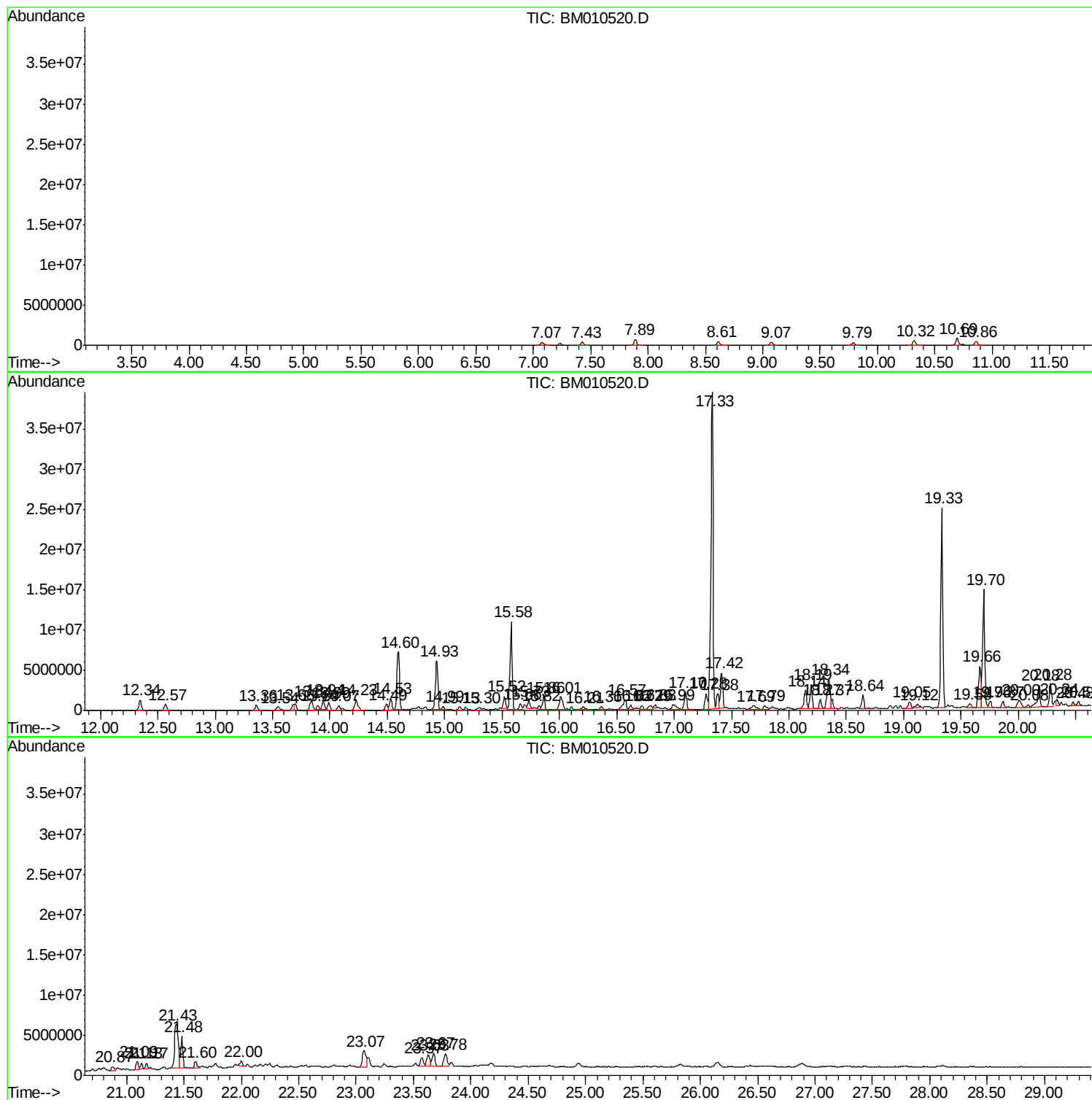
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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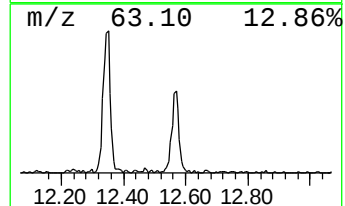
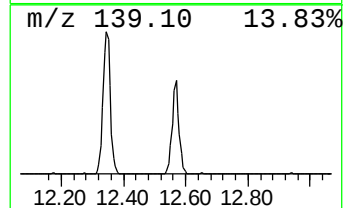
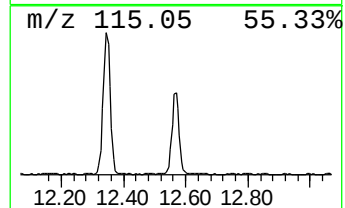
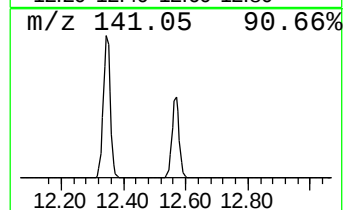
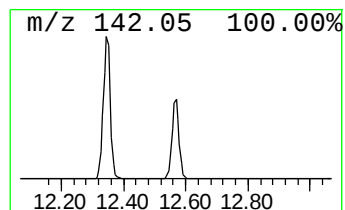
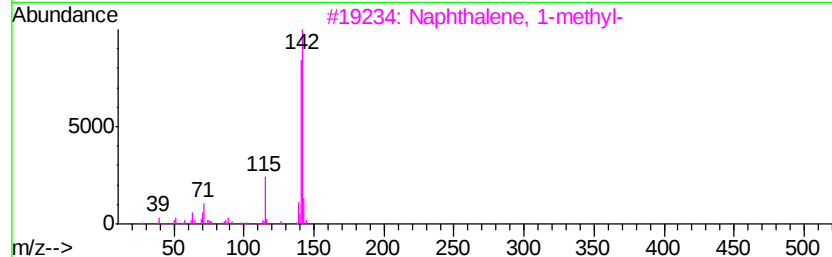
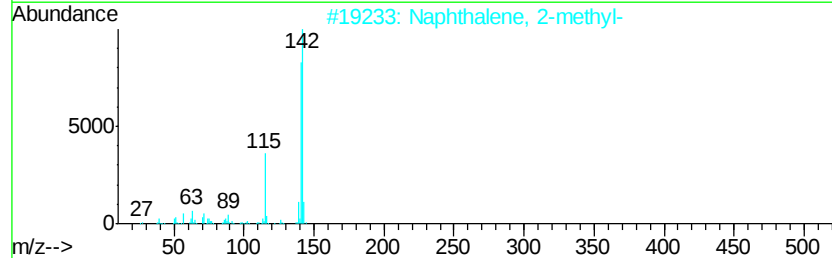
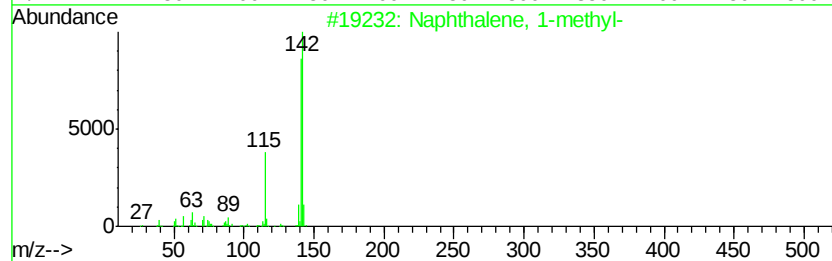
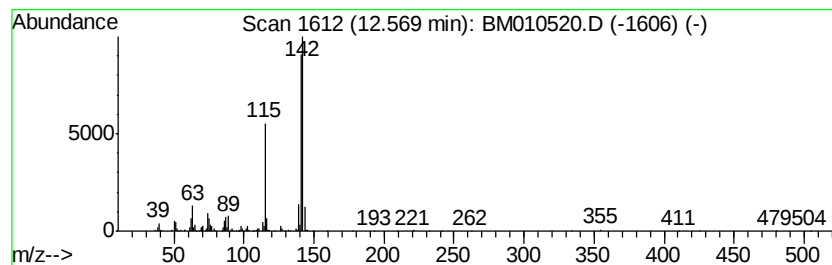
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	15.83 ng/ul	1190870	Naphthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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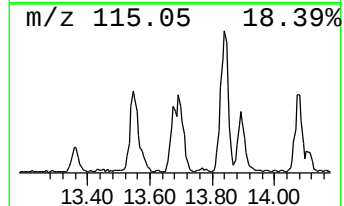
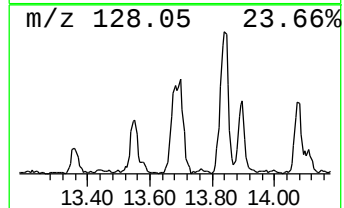
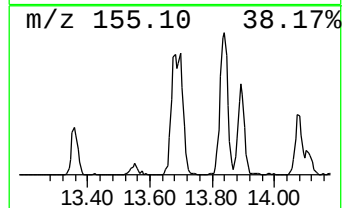
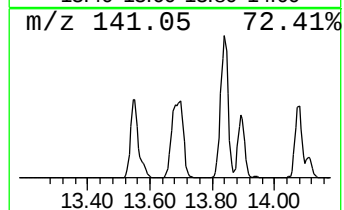
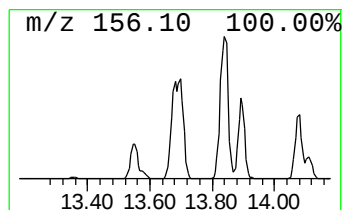
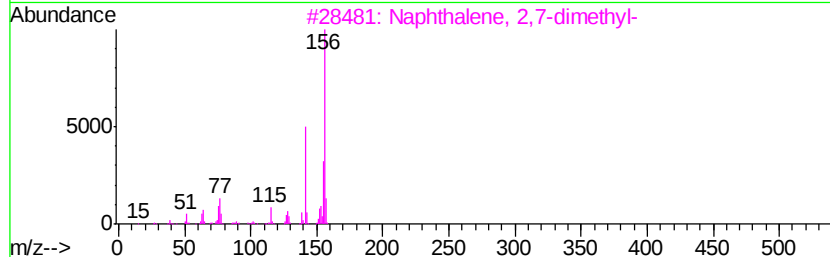
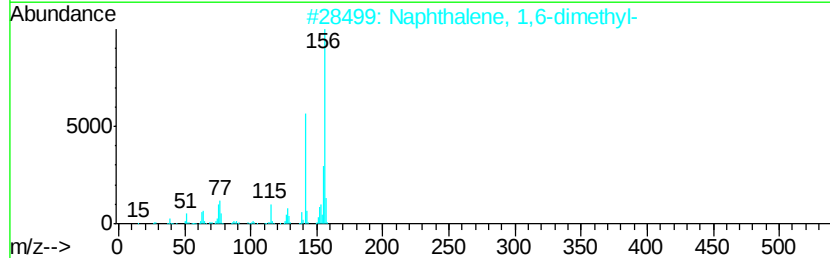
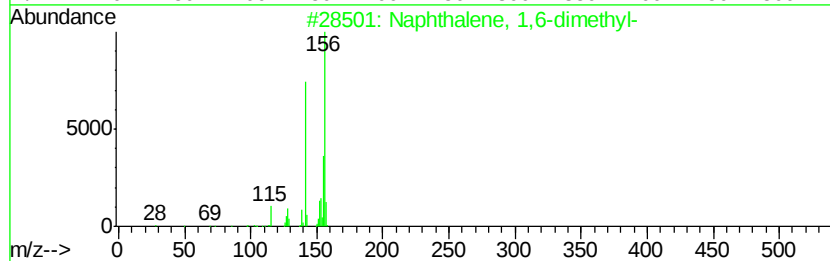
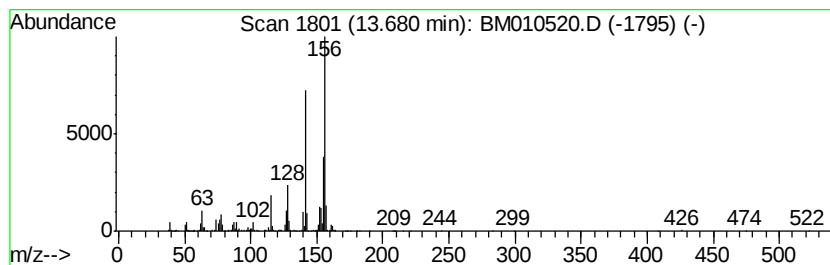
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	9.86 ng/ul	1050270	Acenaphthene-d10	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93



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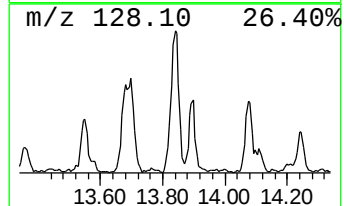
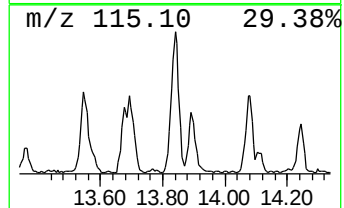
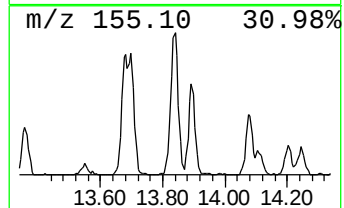
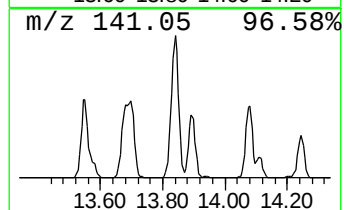
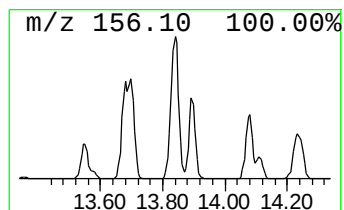
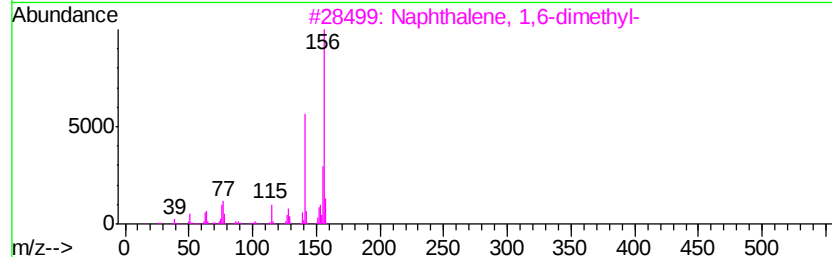
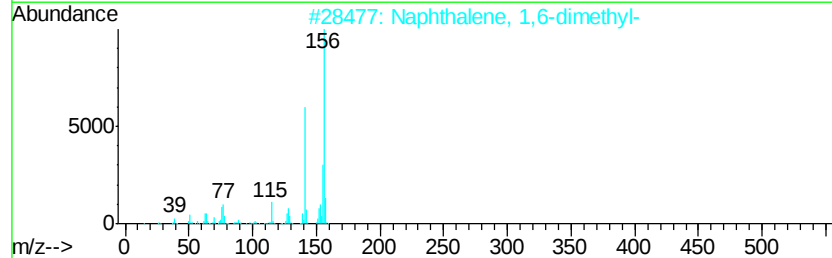
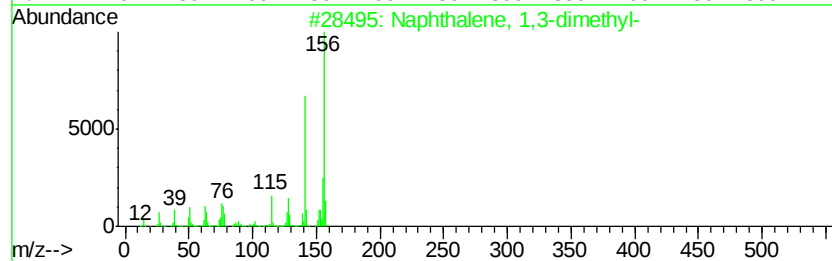
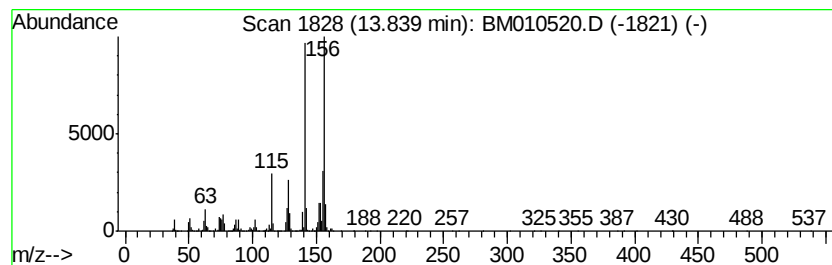
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	19.64 ng/ul	2092850	Acenaphthene-d10	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



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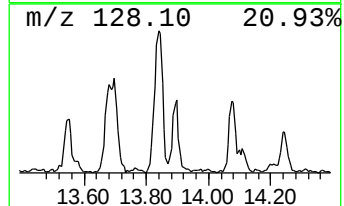
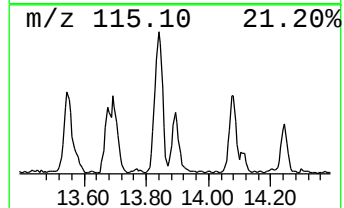
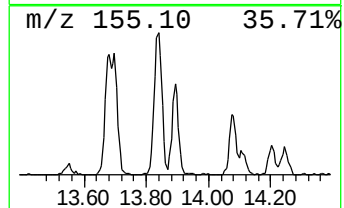
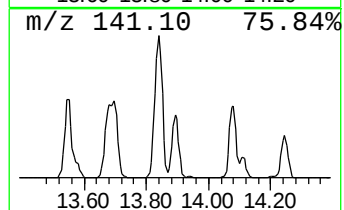
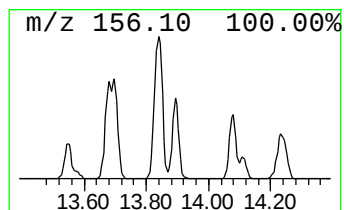
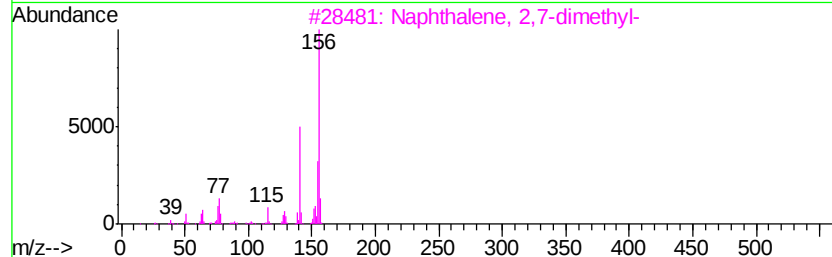
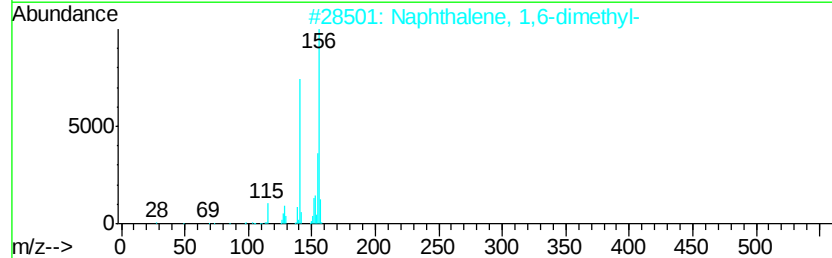
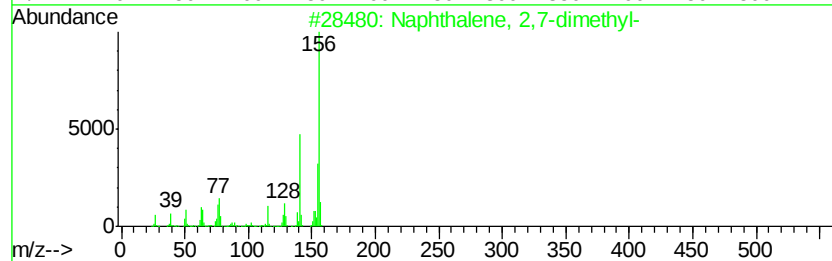
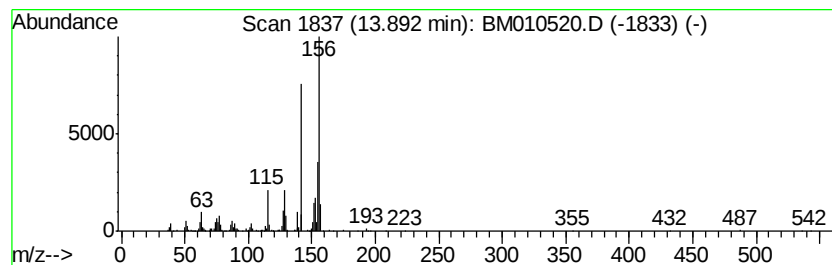
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.81 ng/ul	831681	Acenaphthene-d10	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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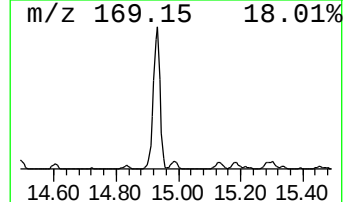
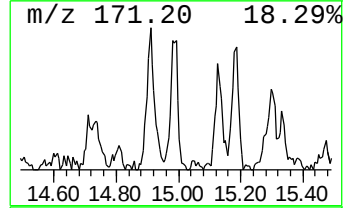
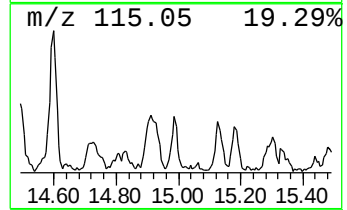
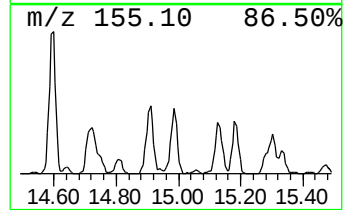
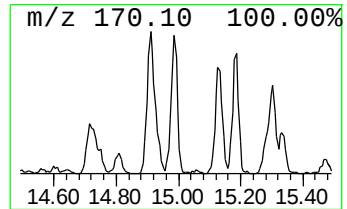
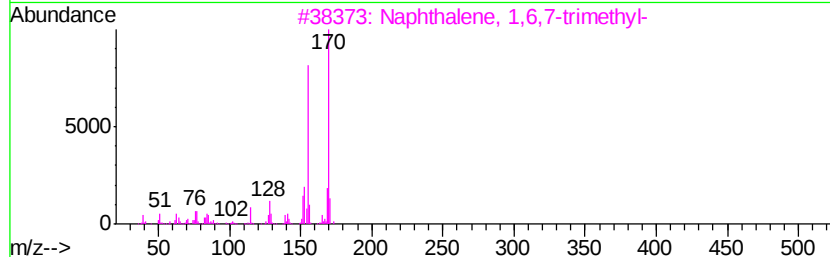
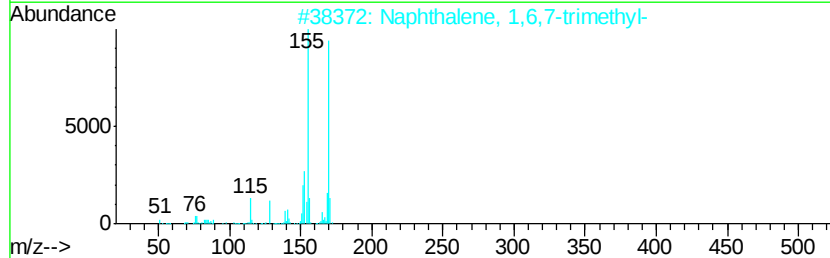
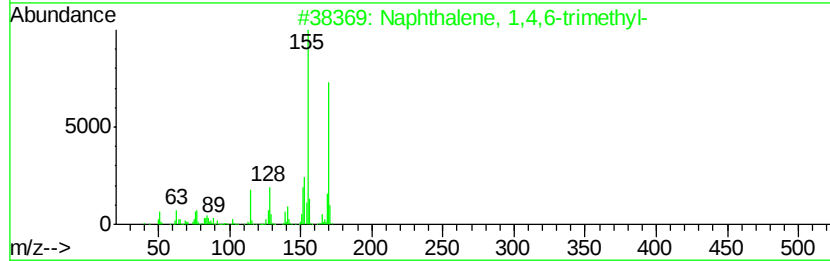
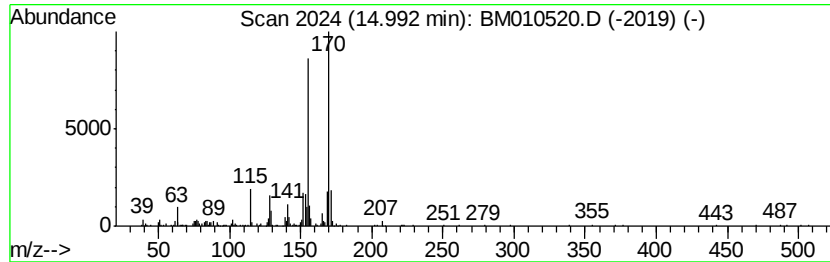
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.12 ng/ul	545392	Acenaphthene-d10	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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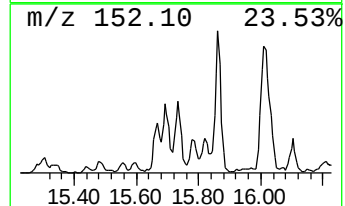
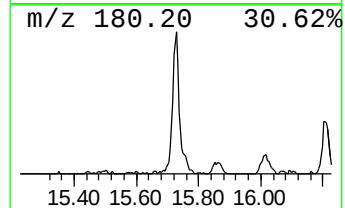
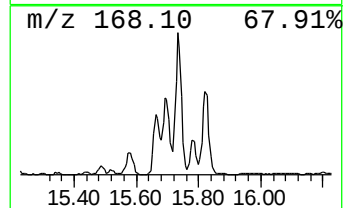
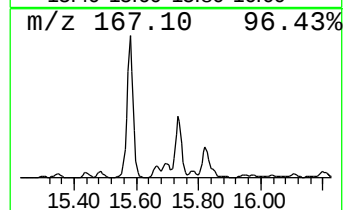
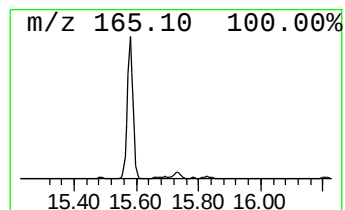
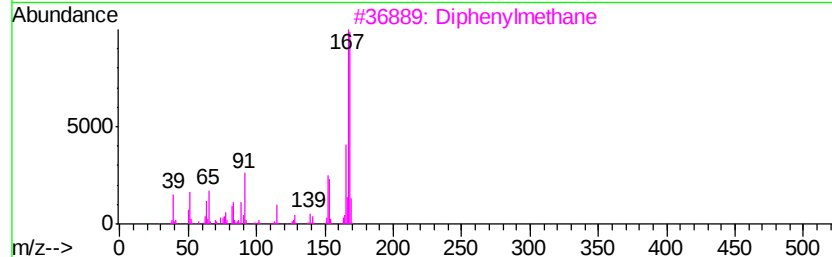
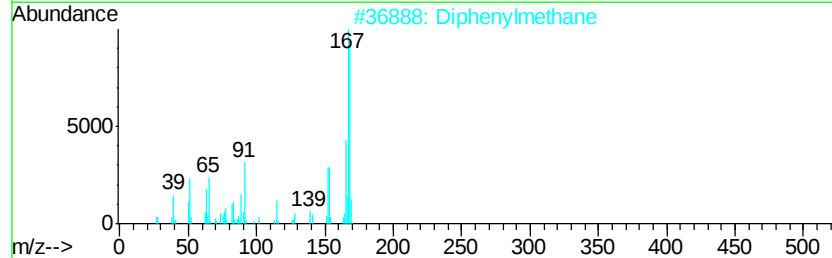
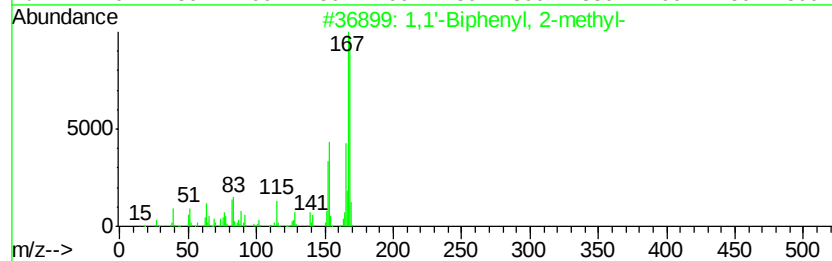
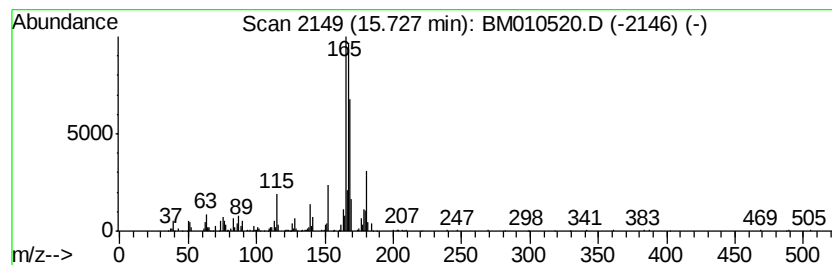
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	13.34 ng/ul	1420950	Acenaphthene-d10	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2		Diphenylmethane	168	C13H12	000101-81-5	76
3		Diphenylmethane	168	C13H12	000101-81-5	68
4		Diphenylmethane	168	C13H12	000101-81-5	64
5		Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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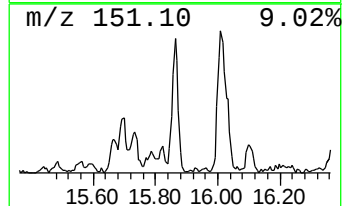
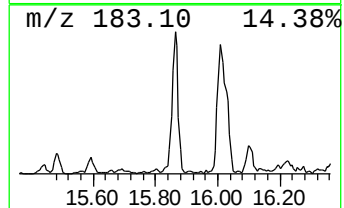
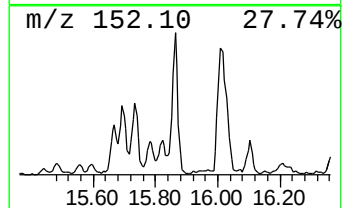
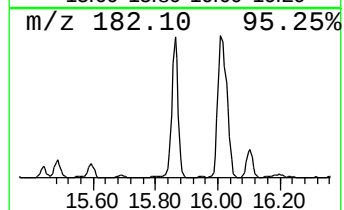
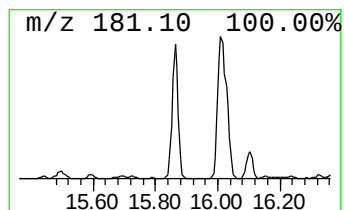
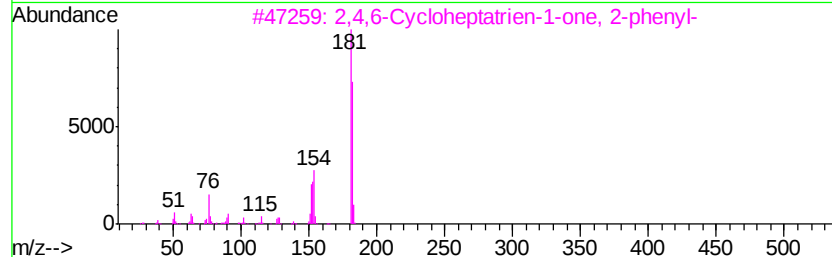
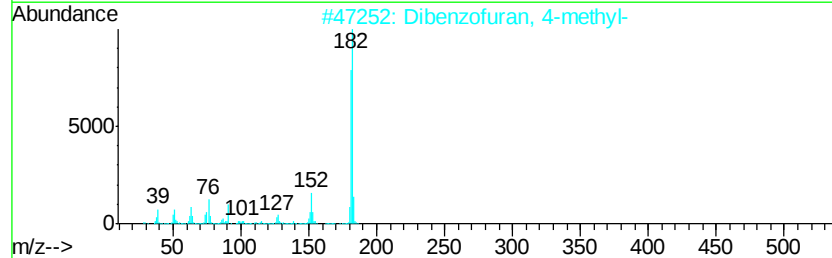
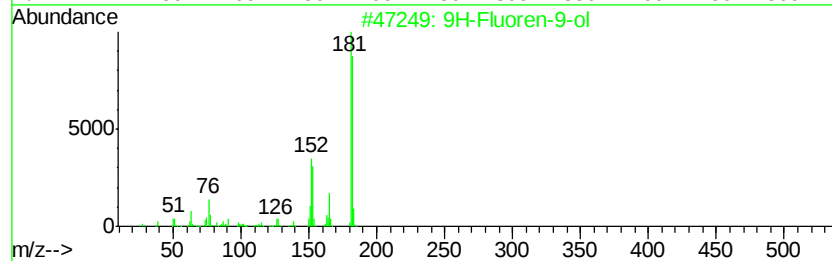
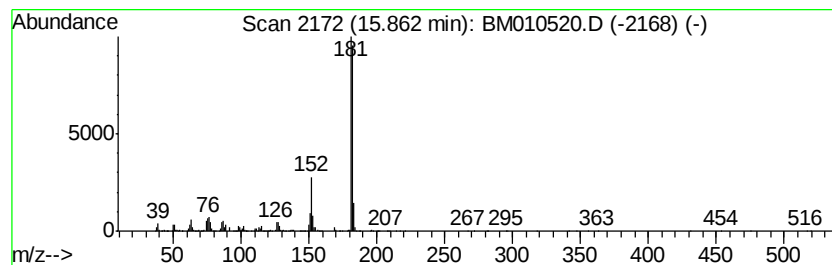
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9H-Fluoren-9-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	21.51 ng/ul	2292160	Acenaphthene-d10	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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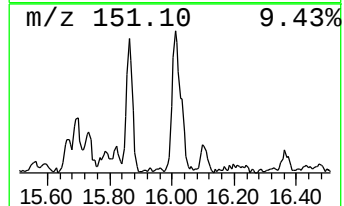
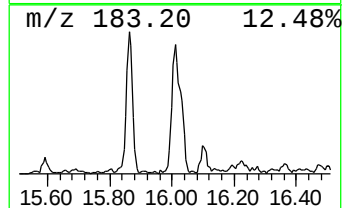
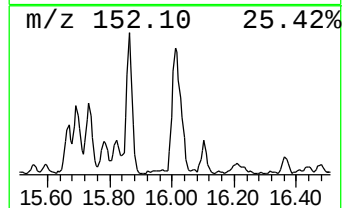
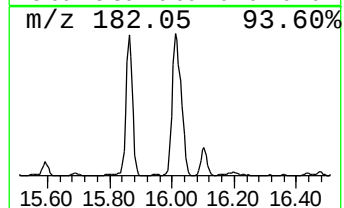
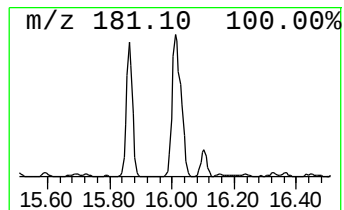
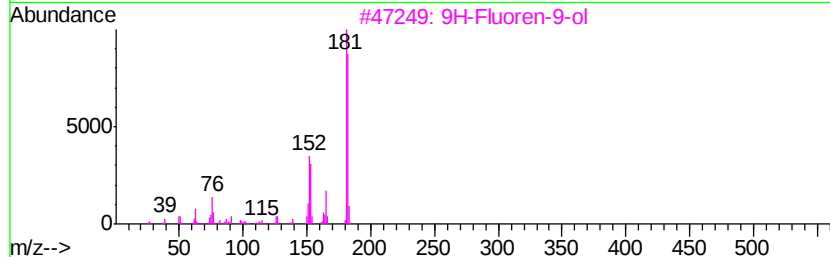
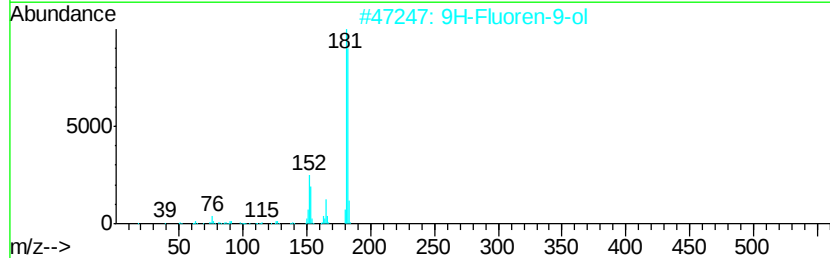
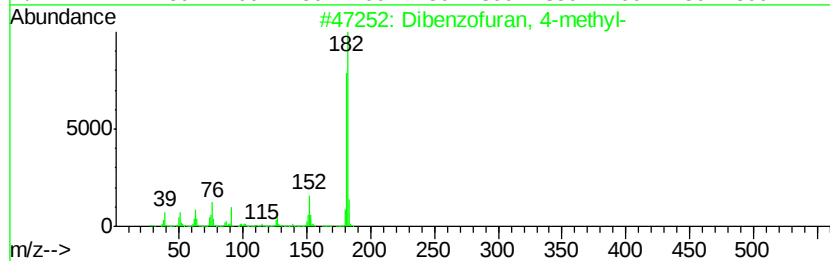
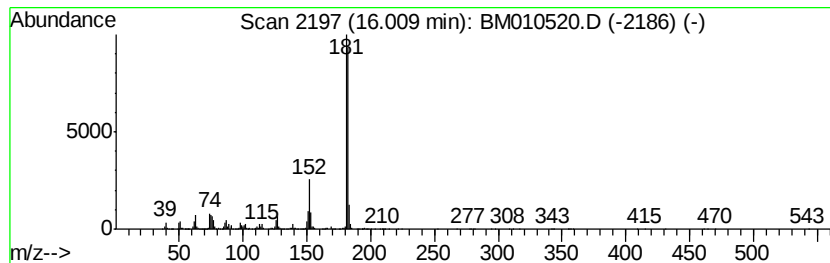
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	20.49 ng/ul	3266910	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
5		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampled :
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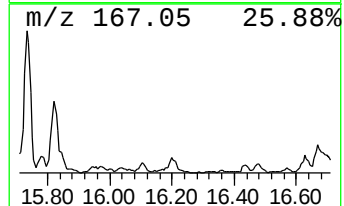
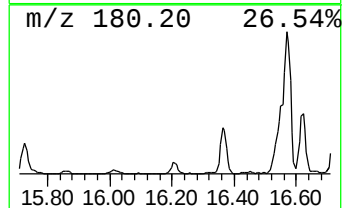
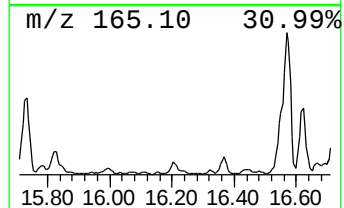
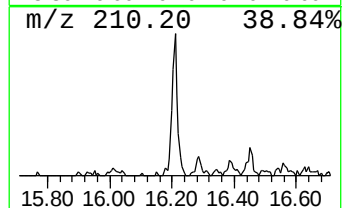
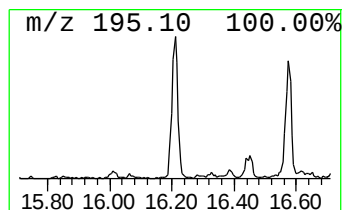
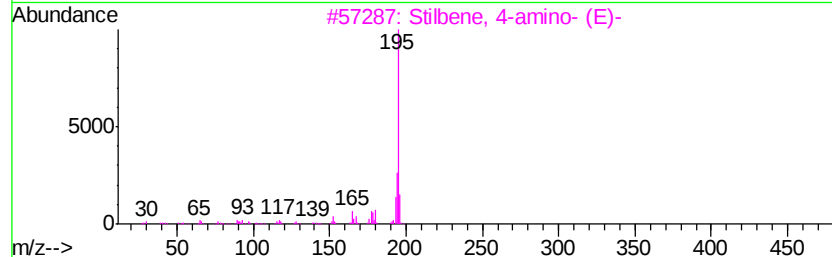
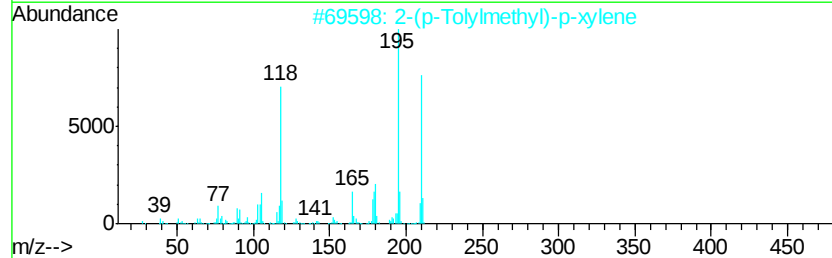
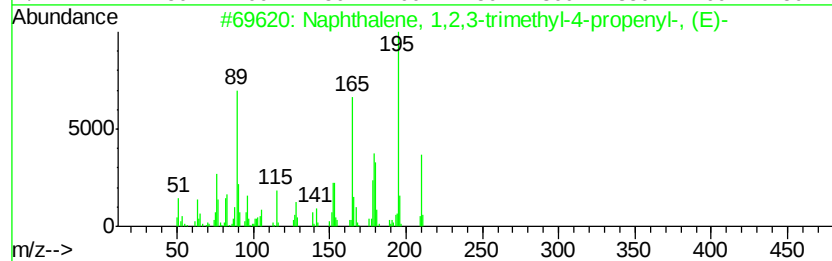
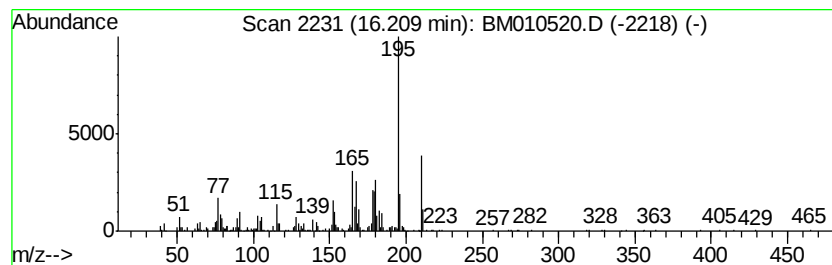
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3-trimethy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	6.31 ng/ul	1006040	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	90
2		2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	90
3		Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	64
4		1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	62
5		(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
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Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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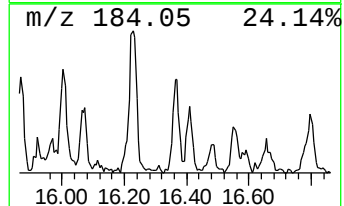
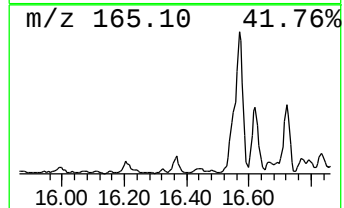
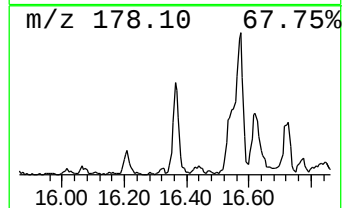
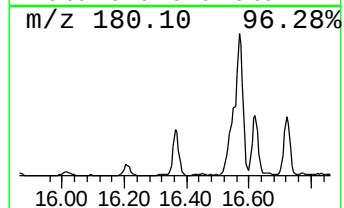
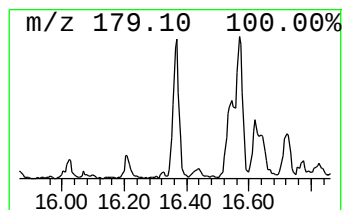
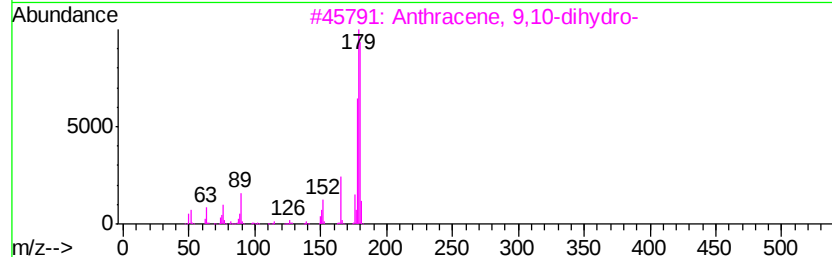
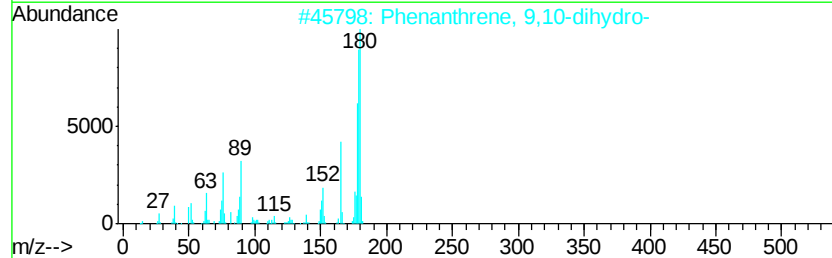
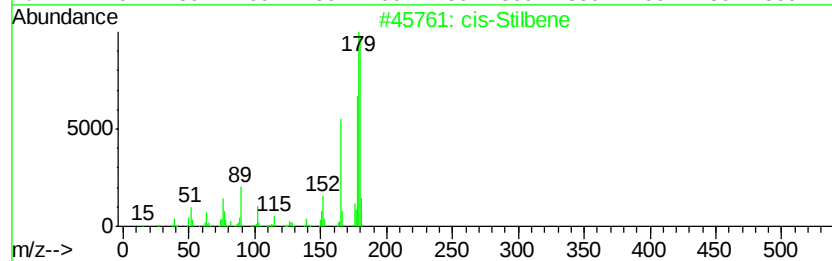
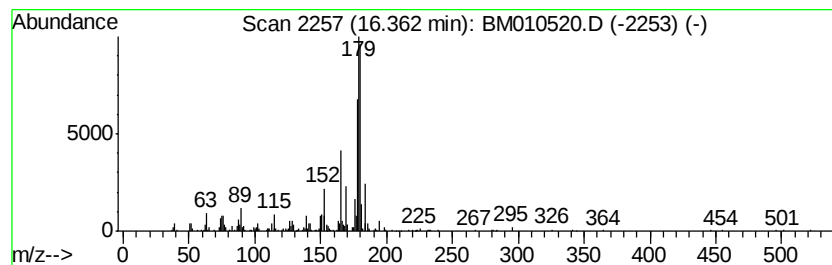
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 cis-Stilbene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.59 ng/ul	572979	Phenanthrene-d10	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Stilbene	180	C14H12	000645-49-8	83
2			Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	70
3			Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	70
4			(E)-Stilbene	180	C14H12	000103-30-0	64
5			(E)-Stilbene	180	C14H12	000103-30-0	64



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Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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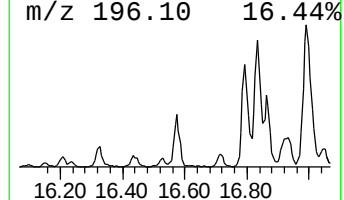
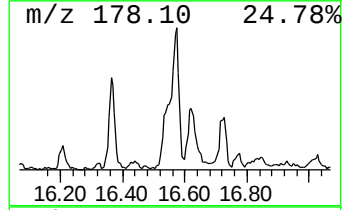
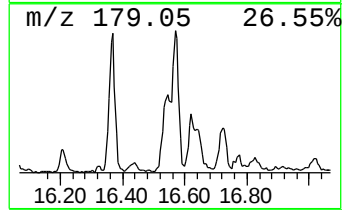
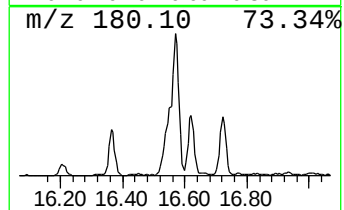
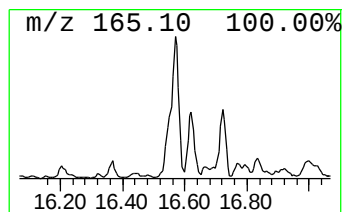
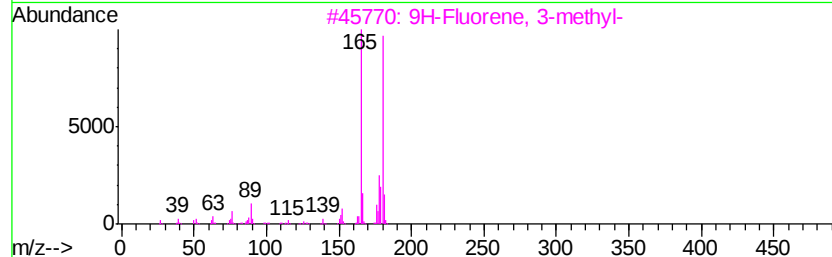
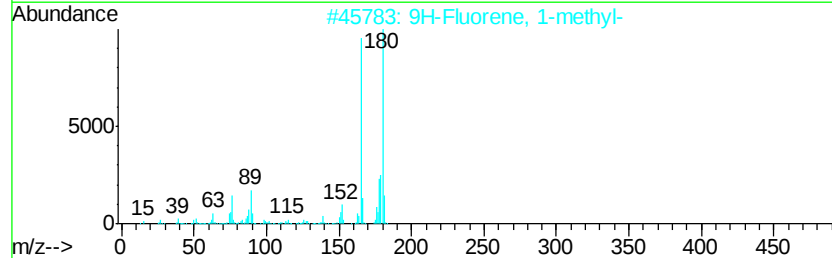
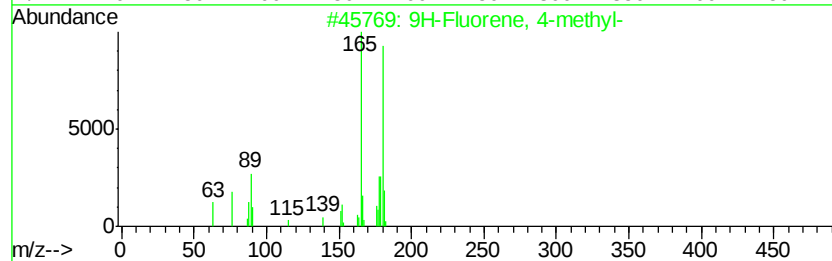
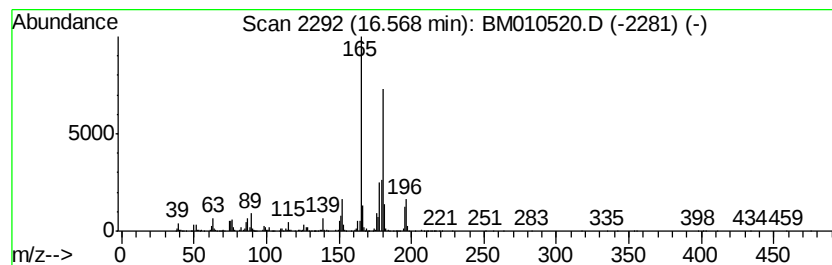
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9H-Fluorene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	16.30 ng/ul	2598790	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70



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Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

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ClientSampleId :
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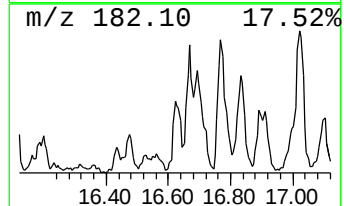
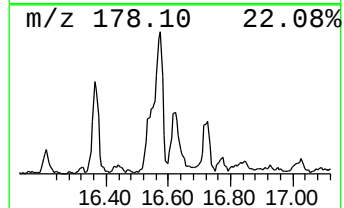
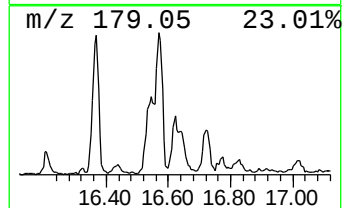
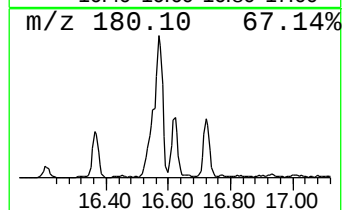
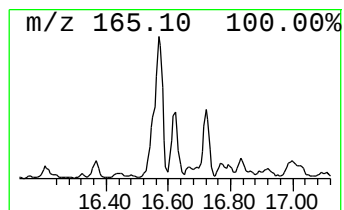
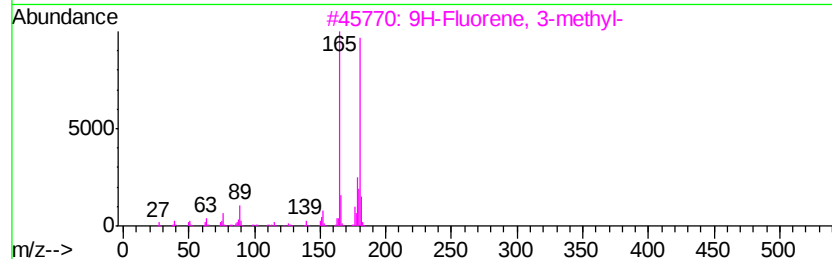
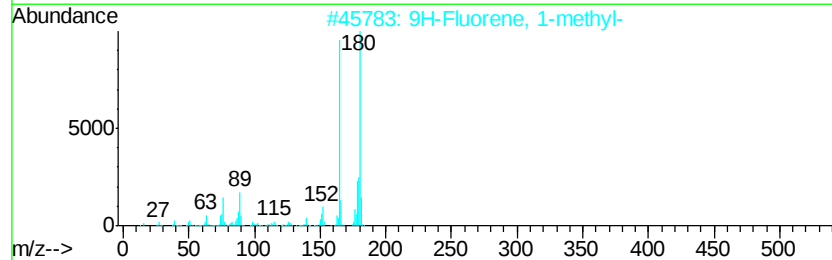
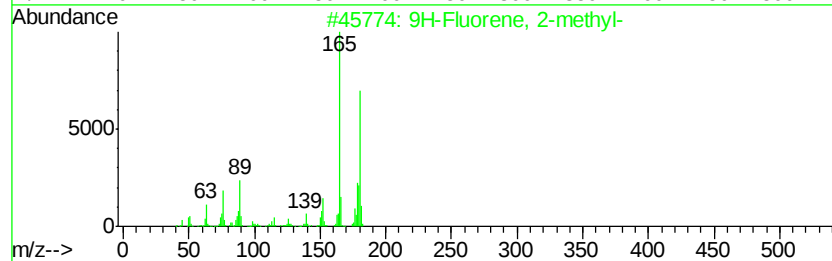
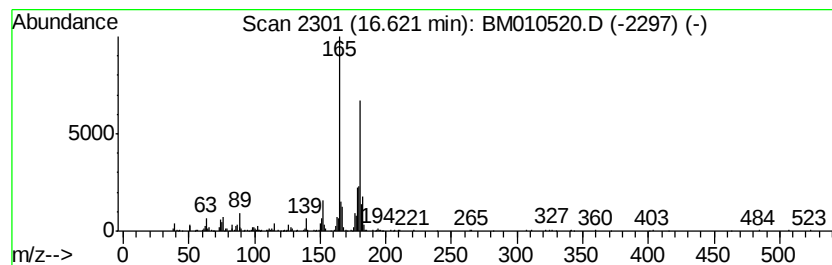
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	4.56 ng/ul	727615	Phenanthrene-d10	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

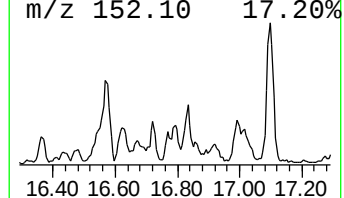
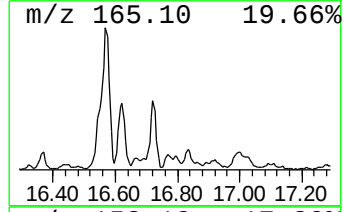
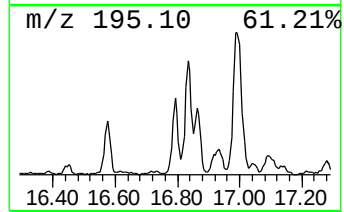
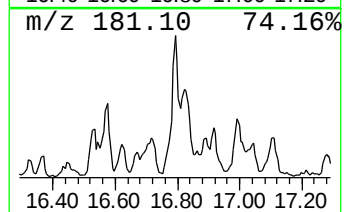
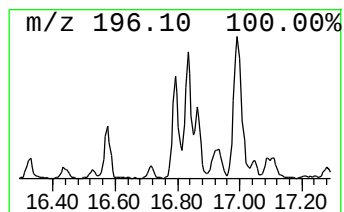
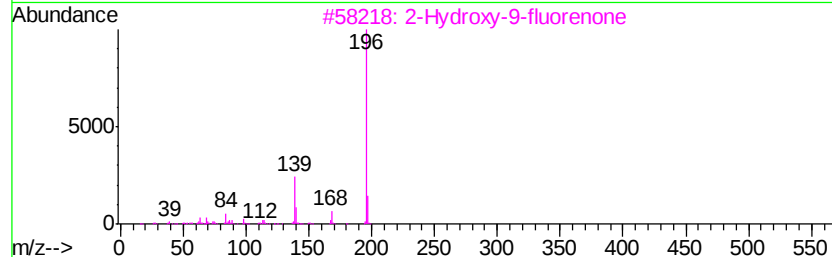
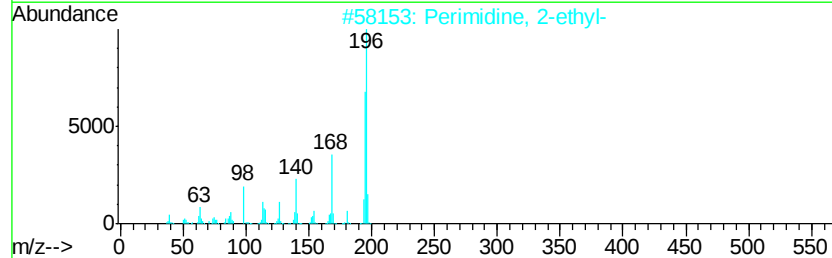
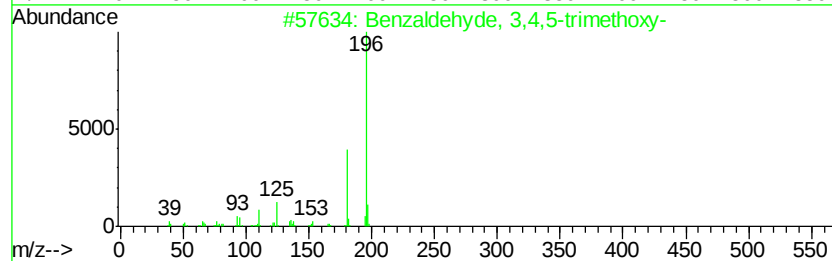
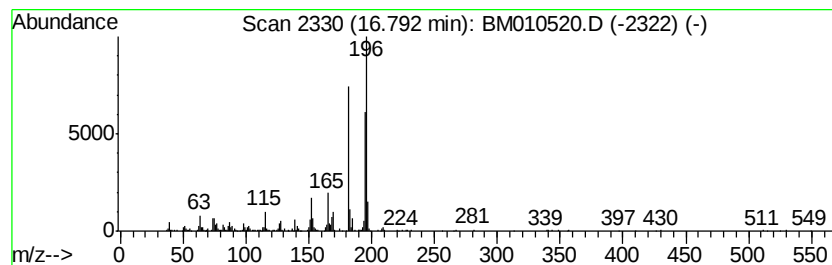
Instrument :
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ClientSampled :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzaldehyde, 3,4,5-trimeth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.79	6.62 ng/ul	1055040	Phenanthrene-d10	17.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	58
2	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	46
3	2-Hydroxy-9-fluorenone	196	C13H8O2	006949-73-1	38
4	1-Hydroxyphenazine	196	C12H8N2O	000528-71-2	30
5	Xanthone	196	C13H8O2	000090-47-1	30



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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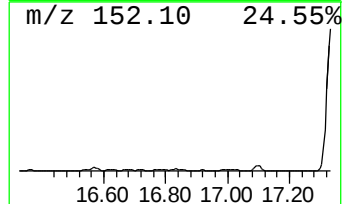
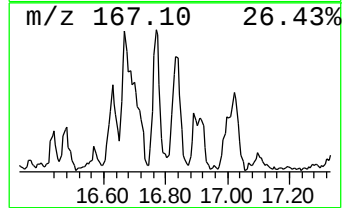
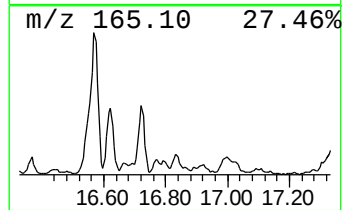
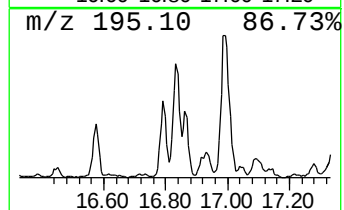
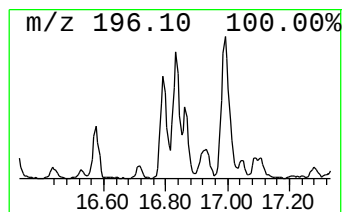
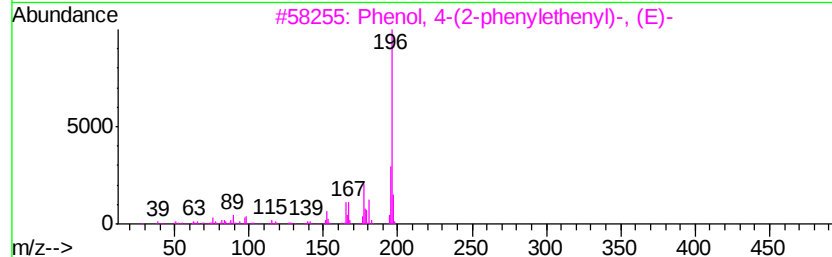
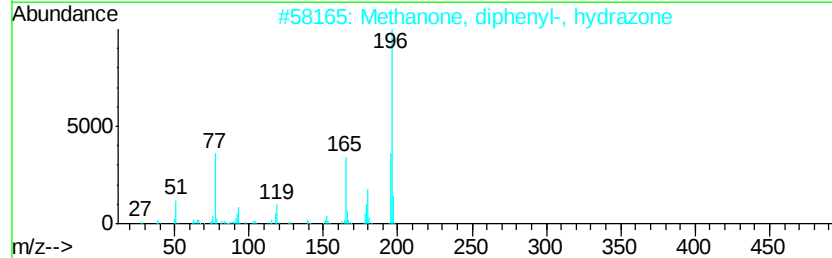
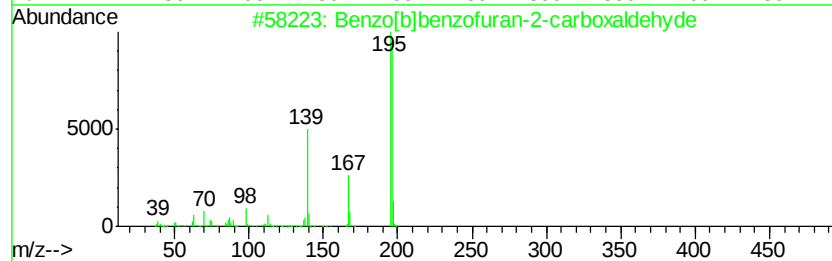
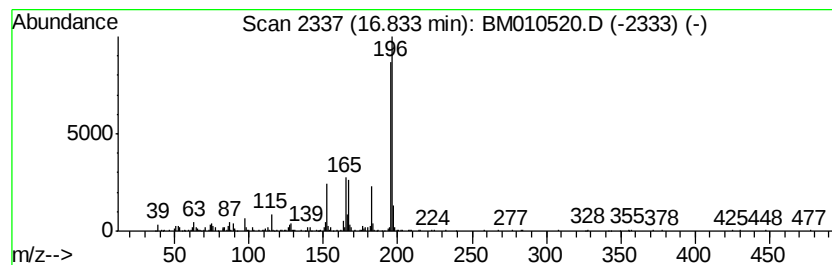
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzo[b]benzofuran-2-carbox... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	3.69 ng/ul	588773	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	53
2		Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	43
3		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
4		9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	38
5		3-Acridinol	195	C13H9NO	007132-70-9	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
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Operator : SJ/MA
Sample : I3522-19
Misc :
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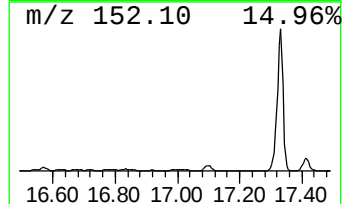
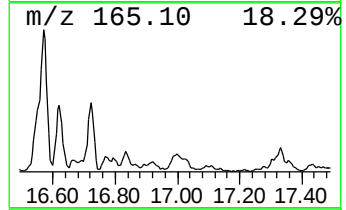
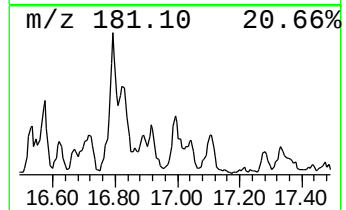
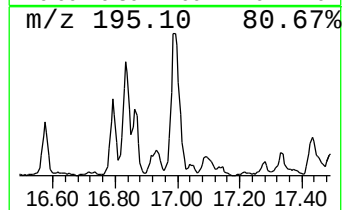
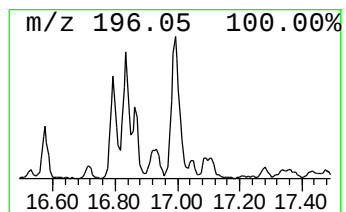
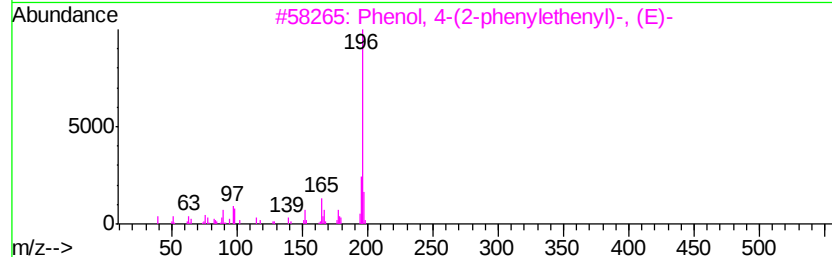
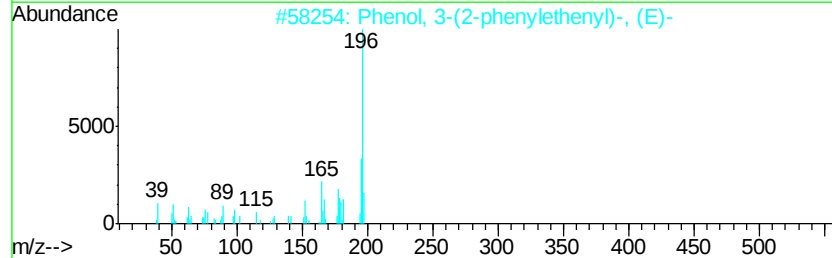
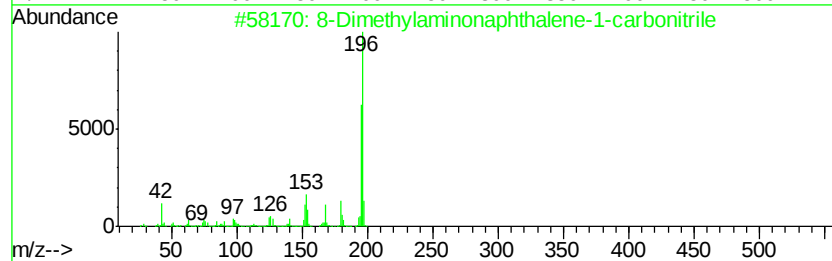
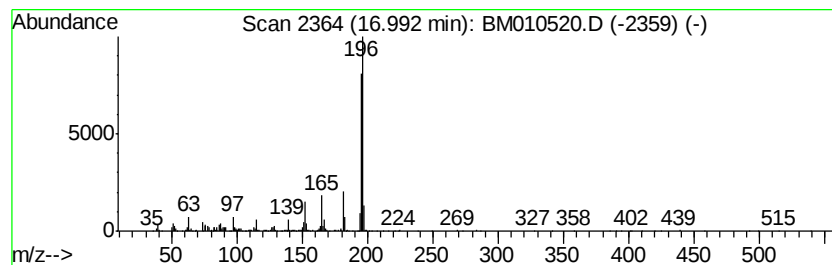
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 8-Dimethylaminonaphthalene-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.99	9.68 ng/ul	1543630	Phenanthrene-d10		17.28	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	50
3		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
4		Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	38
5		9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	38



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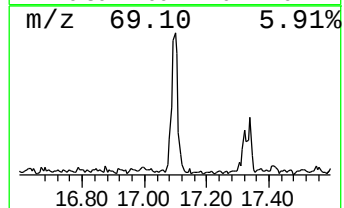
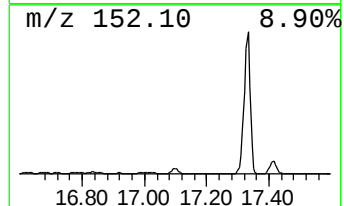
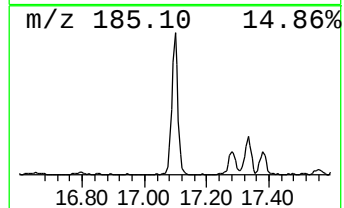
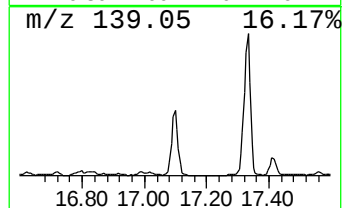
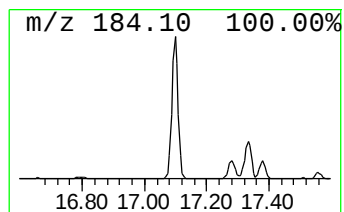
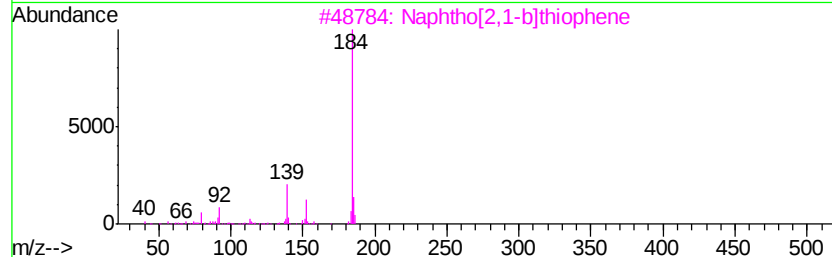
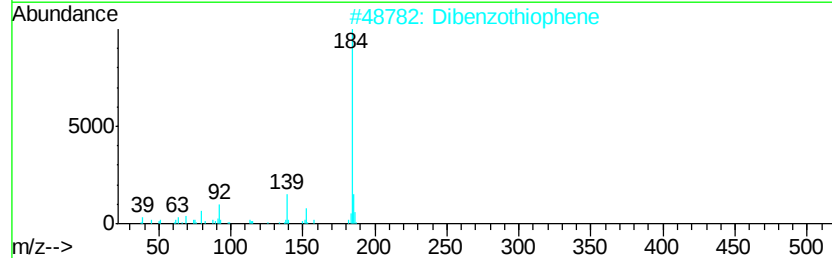
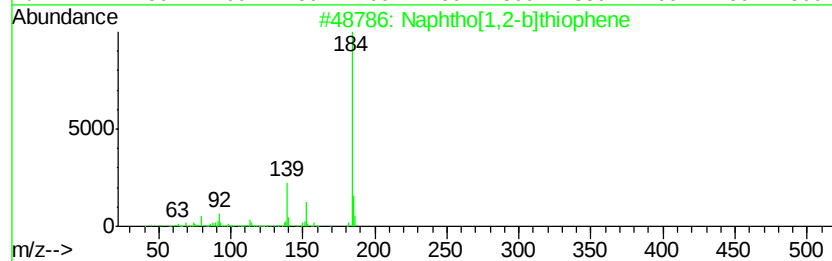
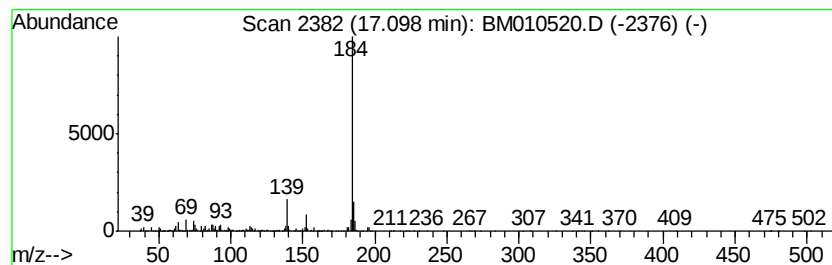
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphtho[1,2-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	21.01 ng/ul	3350510	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
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Misc :
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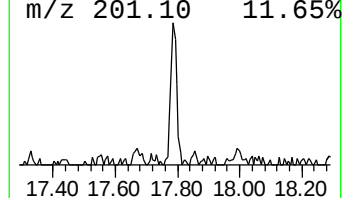
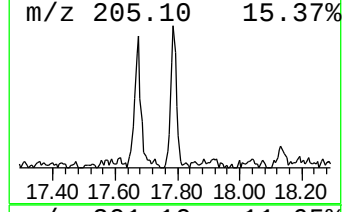
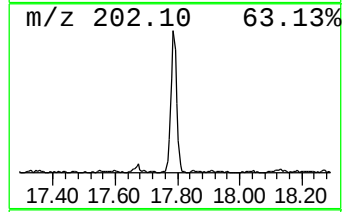
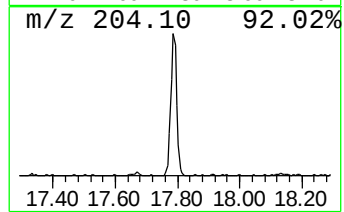
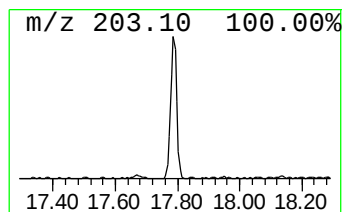
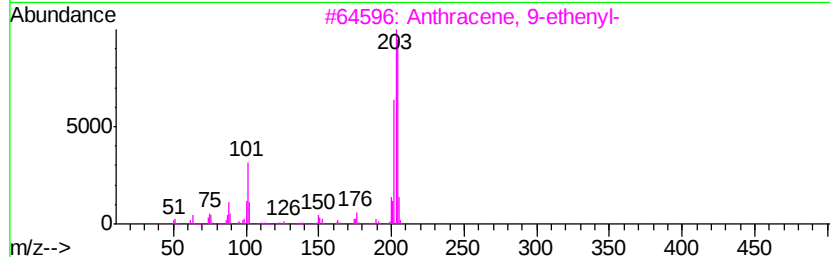
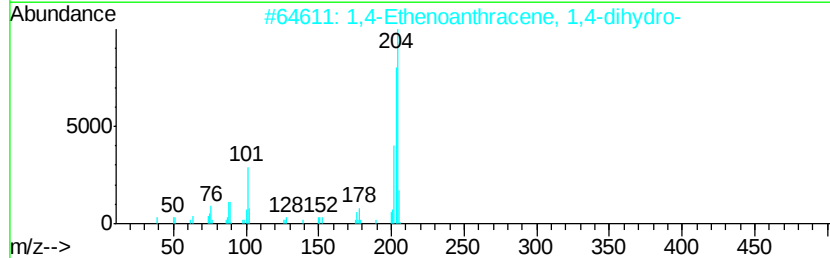
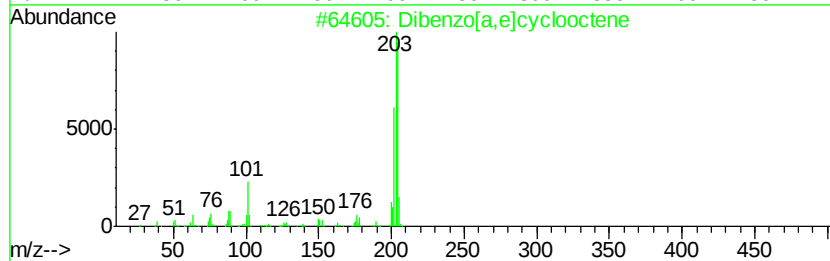
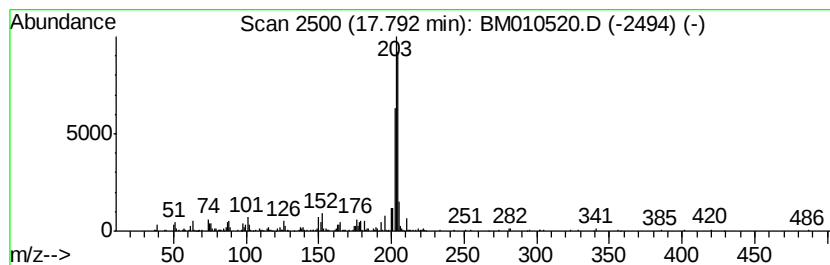
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dibenzo[a,e]cyclooctene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	6.05 ng/ul	965055	Phenanthrene-d10	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86
2			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76
3			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4			2-Fluoro-4-bromobenzaldehyde	202	C7H4BrFO	057848-46-1	72
5			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	70



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Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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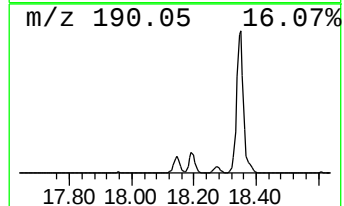
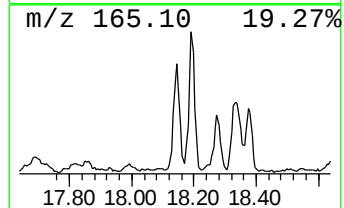
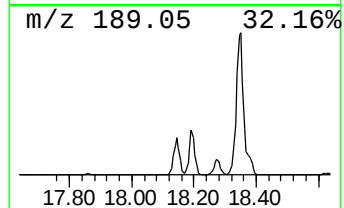
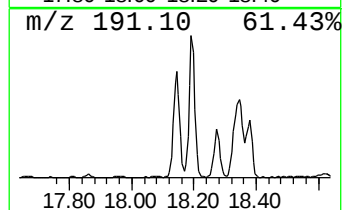
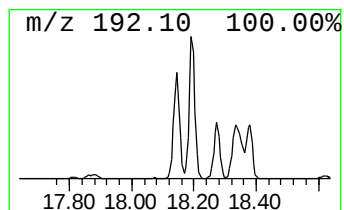
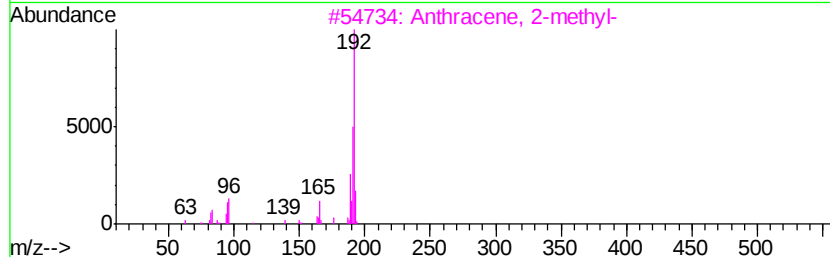
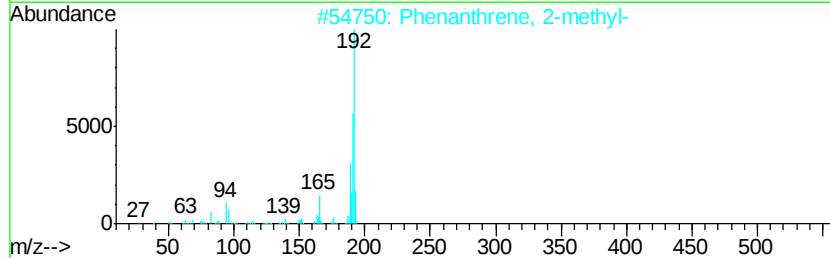
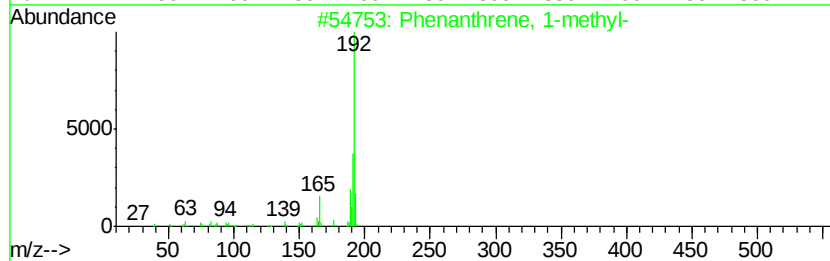
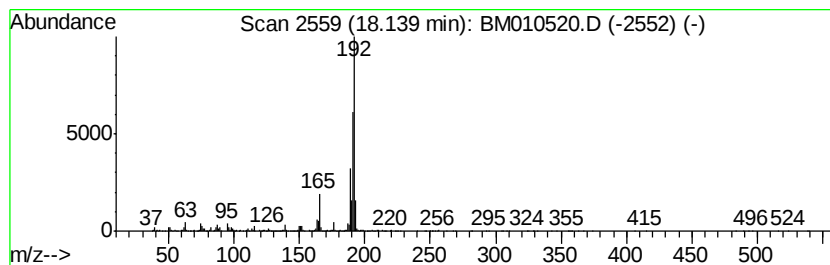
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	22.79 ng/ul	3633760	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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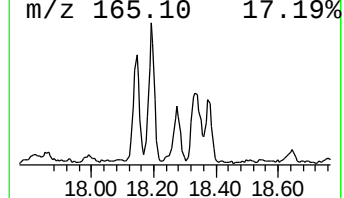
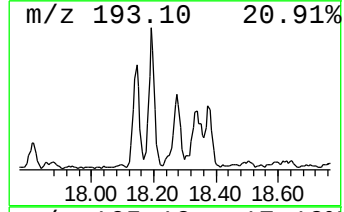
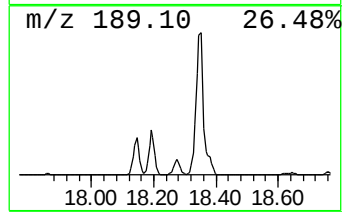
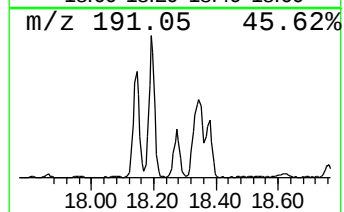
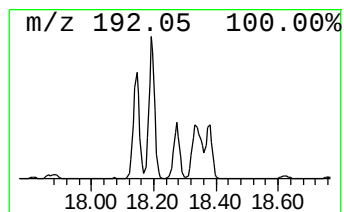
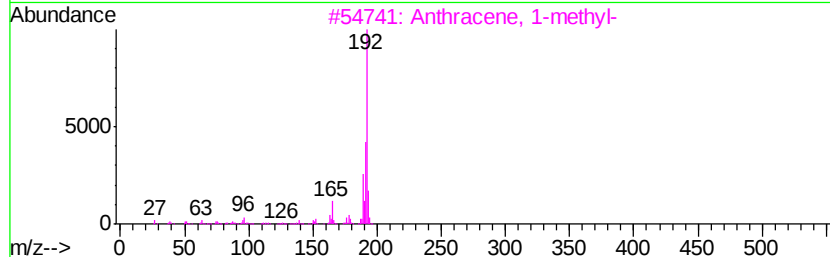
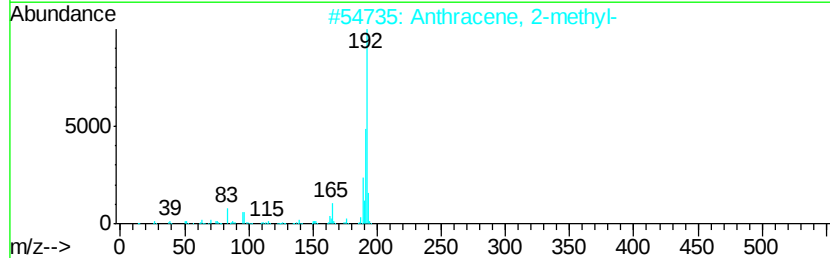
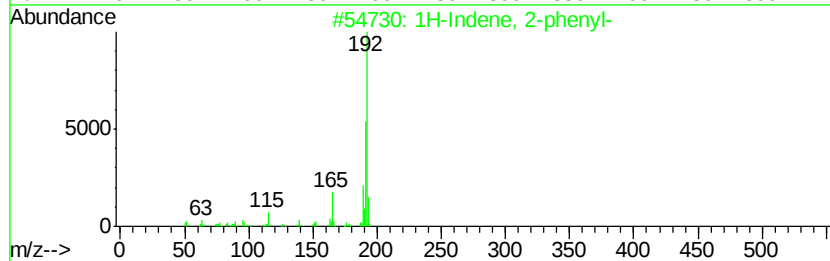
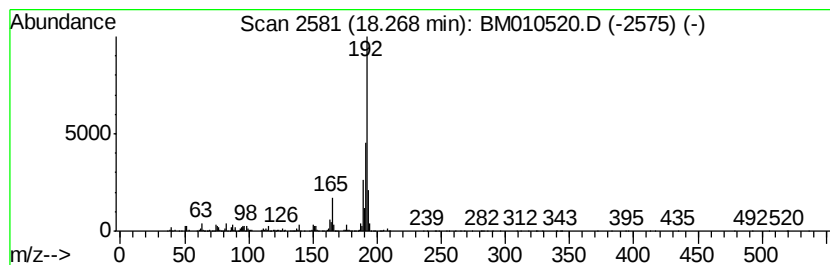
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	10.46 ng/ul	1667690	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92



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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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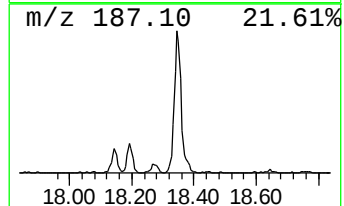
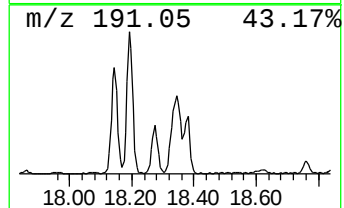
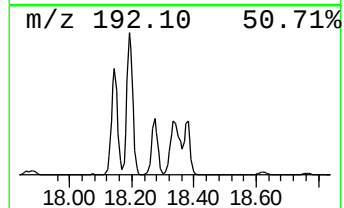
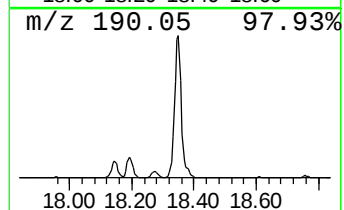
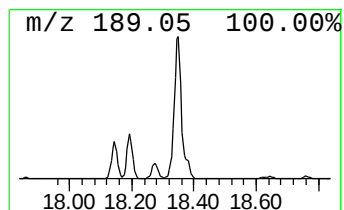
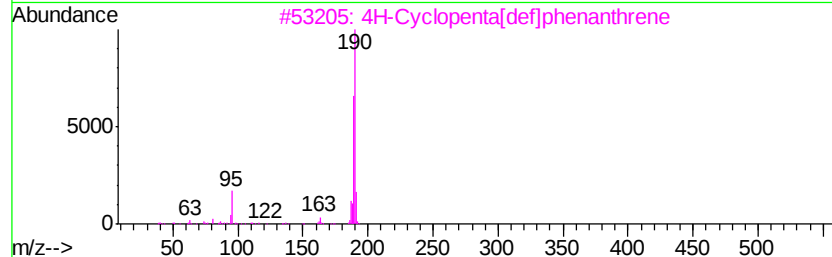
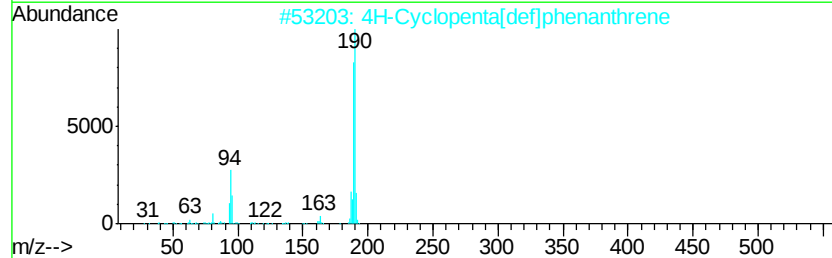
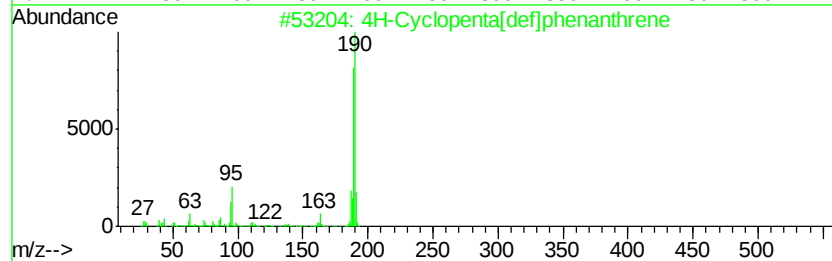
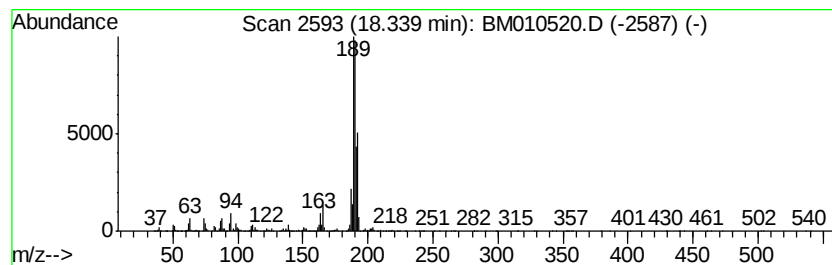
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	42.17 ng/ul	6723180	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM061017\
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ClientSampleId :
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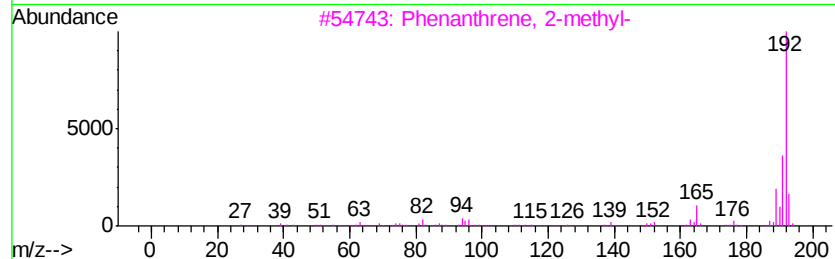
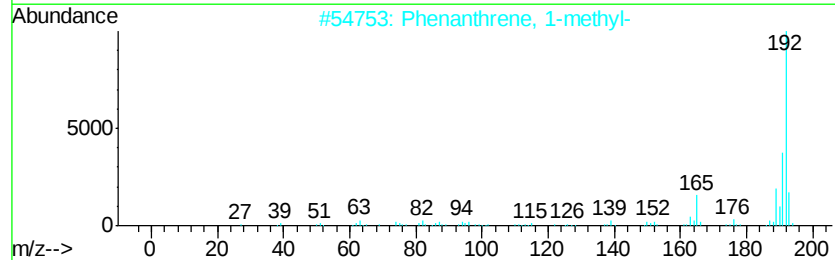
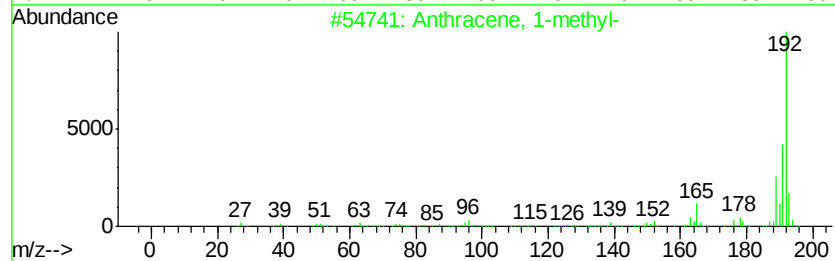
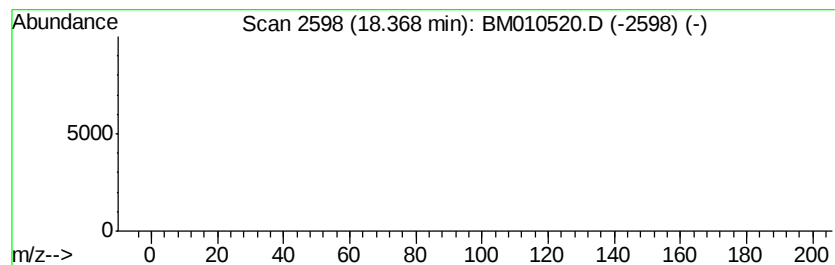
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	7.82 ng/ul	1246400	Phenanthrene-d10	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM061017\
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Misc :
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Instrument :
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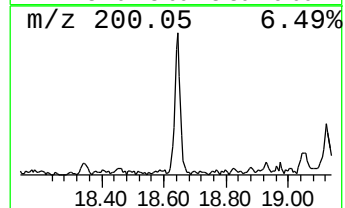
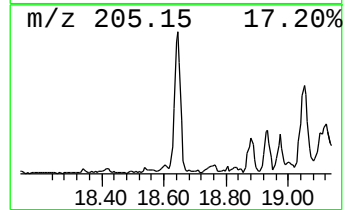
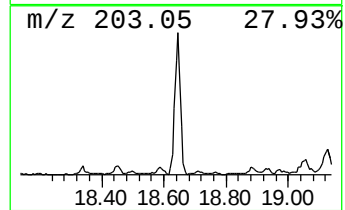
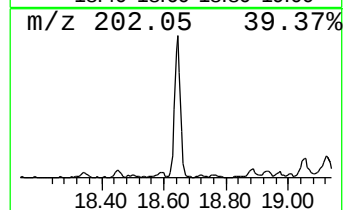
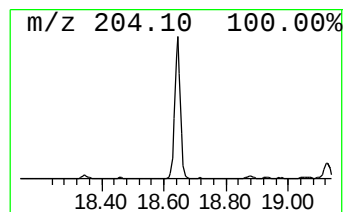
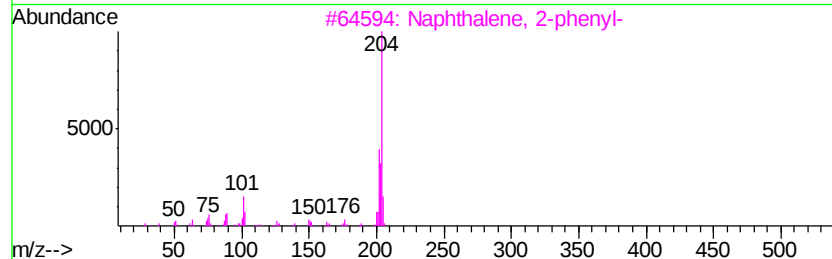
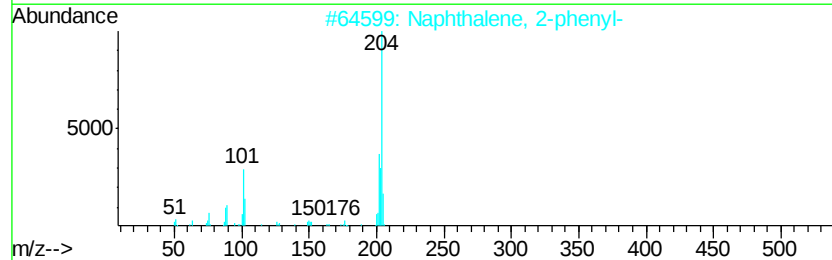
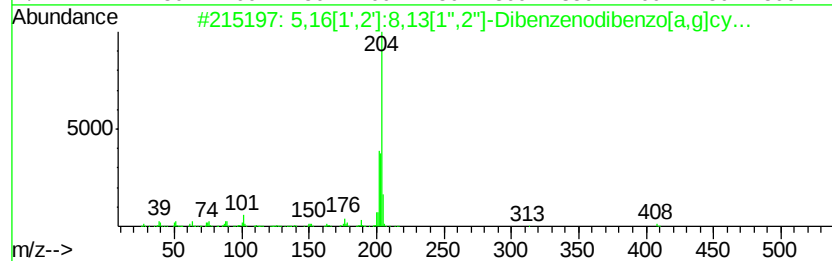
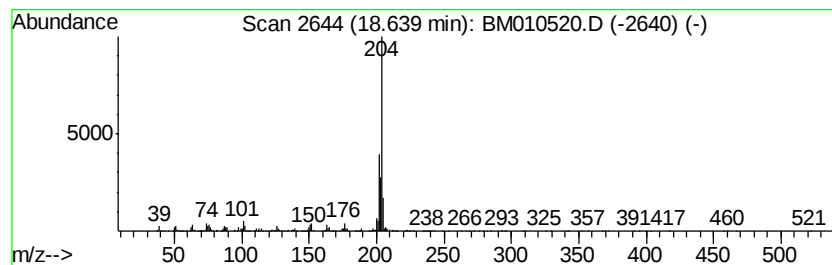
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	14.24 ng/ul	2270470	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64



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Misc :
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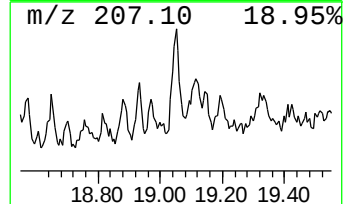
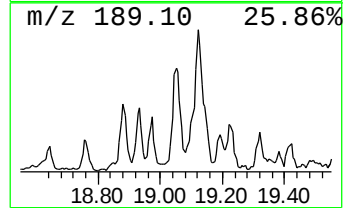
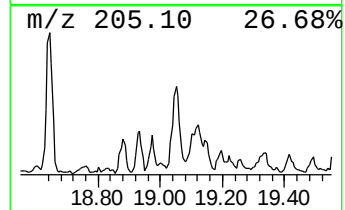
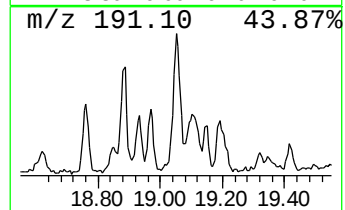
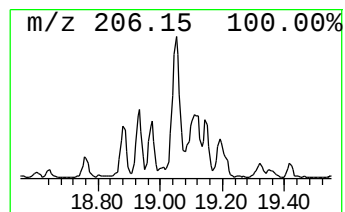
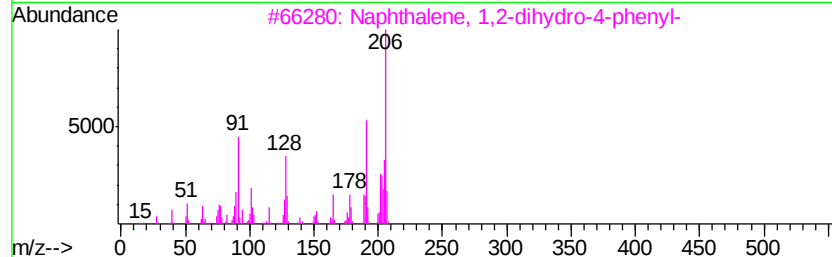
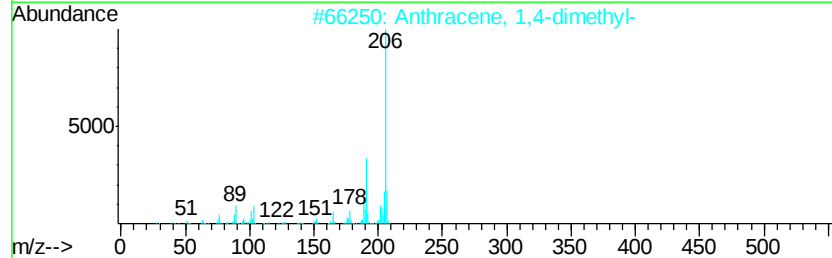
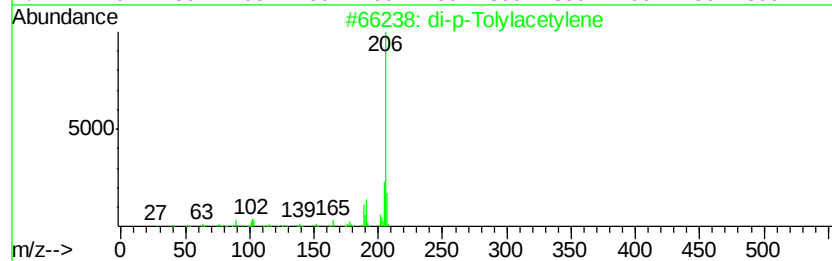
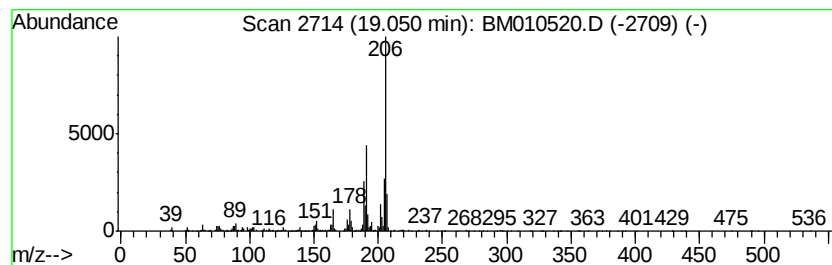
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	8.56 ng/ul	1364260	Phenanthrene-d10	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
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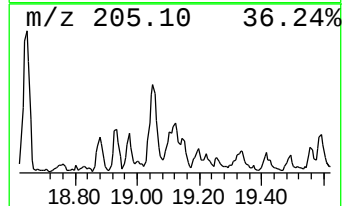
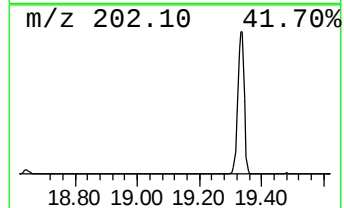
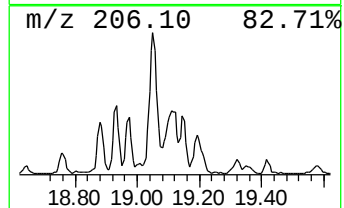
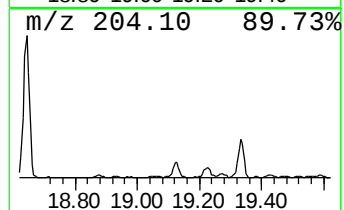
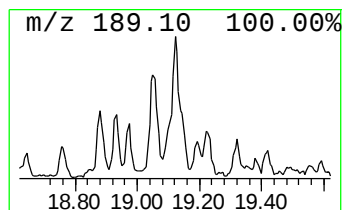
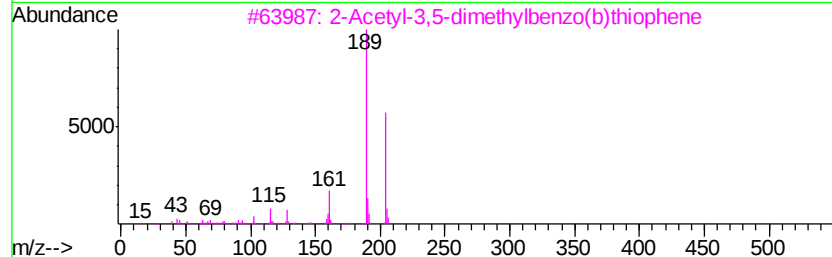
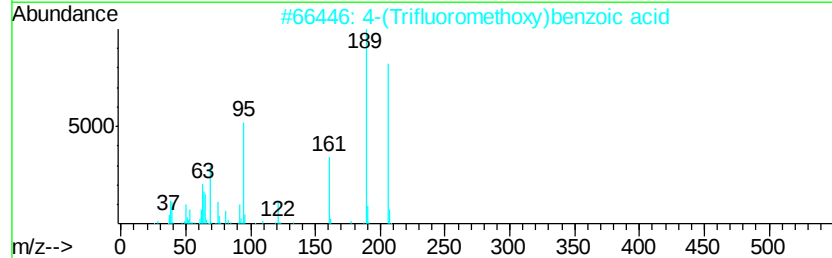
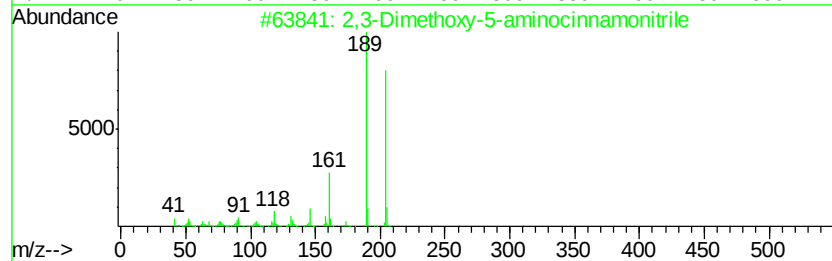
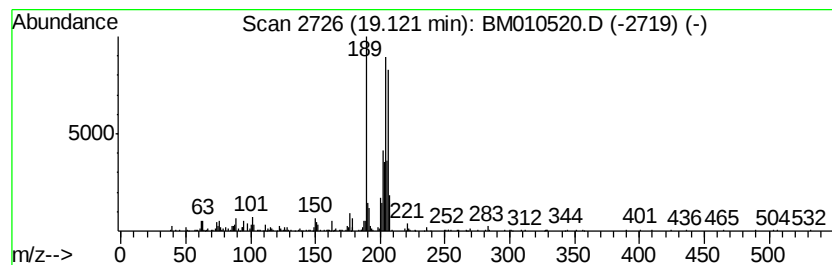
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	4.38 ng/ul	697883	Phenanthrene-d10	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethoxy-5-aminocinnamitrile	204	C11H12N2O2	1000214-46-5	38		
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38		
3	2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	38		
4	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	35		
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30		



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010520.D
 Acq On : 11 Jun 2017 11:58
 Operator : SJ/MA
 Sample : I3522-19
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D32

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...	12.57	15.8	ng/ul	1190870	2	10.69	1504260	20.0
Naphthalene, 1,6-...	13.68	9.9	ng/ul	1050270	3	14.53	2131030	20.0
Naphthalene, 1,3-...	13.84	19.6	ng/ul	2092850	3	14.53	2131030	20.0
Naphthalene, 2,7-...	13.89	7.8	ng/ul	831681	3	14.53	2131030	20.0
Naphthalene, 1,4,...	14.99	5.1	ng/ul	545392	3	14.53	2131030	20.0
1,1'-Biphenyl, 2-...	15.73	13.3	ng/ul	1420950	3	14.53	2131030	20.0
9H-Fluoren-9-ol	15.86	21.5	ng/ul	2292160	3	14.53	2131030	20.0
Dibenzofuran, 4-m...	16.01	20.5	ng/ul	3266910	4	17.28	3188980	20.0
Naphthalene, 1,2,...	16.21	6.3	ng/ul	1006040	4	17.28	3188980	20.0
cis-Stilbene	16.36	3.6	ng/ul	572979	4	17.28	3188980	20.0
9H-Fluorene, 4-me...	16.57	16.3	ng/ul	2598790	4	17.28	3188980	20.0
9H-Fluorene, 2-me...	16.62	4.6	ng/ul	727615	4	17.28	3188980	20.0
Benzaldehyde, 3,4...	16.79	6.6	ng/ul	1055040	4	17.28	3188980	20.0
Benzo[b]benzofura...	16.83	3.7	ng/ul	588773	4	17.28	3188980	20.0
8-Dimethylaminona...	16.99	9.7	ng/ul	1543630	4	17.28	3188980	20.0
Naphtho[1,2-b]thi...	17.10	21.0	ng/ul	3350510	4	17.28	3188980	20.0
Dibenzo[a,e]cyclo...	17.79	6.0	ng/ul	965055	4	17.28	3188980	20.0
Phenanthrene, 1-m...	18.14	22.8	ng/ul	3633760	4	17.28	3188980	20.0
1H-Indene, 2-phenyl-	18.27	10.5	ng/ul	1667690	4	17.28	3188980	20.0
4H-Cyclopenta[def...	18.34	42.2	ng/ul	6723180	4	17.28	3188980	20.0
Anthracene, 1-met...	18.37	7.8	ng/ul	1246400	4	17.28	3188980	20.0
5,16[1',2']:8,13[...	18.64	14.2	ng/ul	2270470	4	17.28	3188980	20.0
di-p-Tolylacetylene	19.05	8.6	ng/ul	1364260	4	17.28	3188980	20.0
unknown-01	19.12	4.4	ng/ul	697883	4	17.28	3188980	20.0