

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
 Data File : BG020401.D
 Acq On : 22 Dec 2015 6:49
 Operator : UM/SJ
 Sample : G4848-05DL 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG121415.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	8.632	979	986	996	rVB	167572	283067	1.85%	0.268%
2	10.300	1263	1270	1280	rBV4	37574	108468	0.71%	0.103%
3	10.917	1368	1375	1376	rBV	70536	115940	0.76%	0.110%
4	10.988	1376	1387	1394	rVV	3018283	6860733	44.93%	6.503%
5	11.088	1394	1404	1411	rVB	138129	252067	1.65%	0.239%
6	12.568	1644	1656	1663	rBV	2059835	3796597	24.86%	3.599%
7	12.786	1680	1693	1700	rVB	1098804	1885823	12.35%	1.788%
8	13.561	1814	1825	1832	rBV	778037	1202528	7.88%	1.140%
9	13.755	1852	1858	1868	rVB	287171	537106	3.52%	0.509%
10	13.890	1870	1881	1882	rBV	366776	605076	3.96%	0.574%
11	14.049	1900	1908	1913	rBV	521583	990283	6.49%	0.939%
12	14.102	1913	1917	1925	rVV	379991	591335	3.87%	0.561%
13	14.278	1940	1947	1951	rBV	218942	360148	2.36%	0.341%
14	14.448	1971	1976	1984	rVB	237973	368436	2.41%	0.349%
15	14.701	2012	2019	2022	rBV	360116	583228	3.82%	0.553%
16	14.807	2028	2037	2042	rBV	3391792	6244823	40.90%	5.920%
17	14.860	2042	2046	2051	rVB	172970	264229	1.73%	0.250%
18	14.930	2051	2058	2066	rBV	91593	218211	1.43%	0.207%
19	15.030	2066	2075	2080	rBV2	165139	327887	2.15%	0.311%
20	15.136	2085	2093	2098	rVV	2337742	4140861	27.12%	3.925%
21	15.195	2098	2103	2112	rVB	135087	214101	1.40%	0.203%
22	15.336	2119	2127	2131	rBV3	105669	192959	1.26%	0.183%
23	15.388	2131	2136	2148	rVB2	120193	195640	1.28%	0.185%
24	15.506	2148	2156	2159	rBV	85935	177736	1.16%	0.168%
25	15.541	2159	2162	2168	rVV4	72624	122107	0.80%	0.116%
26	15.688	2183	2187	2195	rVV2	95995	180792	1.18%	0.171%
27	15.788	2195	2204	2211	rVV	3120693	5514847	36.12%	5.228%
28	15.870	2211	2218	2220	rVV	186822	331883	2.17%	0.315%
29	15.900	2220	2223	2225	rVV	306736	434508	2.85%	0.412%
30	15.935	2225	2229	2234	rVV2	544927	895662	5.87%	0.849%
31	15.982	2234	2237	2240	rVV2	137500	215122	1.41%	0.204%
32	16.023	2240	2244	2247	rVV	283181	453406	2.97%	0.430%
33	16.064	2247	2251	2260	rVV	580428	890297	5.83%	0.844%
34	16.211	2266	2276	2284	rVV	610199	1368935	8.97%	1.298%

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35	16.299	2288	2291	2297	rVV	109985	165328	1.08%	0.157%
36	16.563	2331	2336	2342	rVB	253585	382649	2.51%	0.363%
37	16.769	2359	2371	2376	rBV2	460589	1064466	6.97%	1.009%
38	16.822	2376	2380	2385	rVB2	152467	214594	1.41%	0.203%
39	16.922	2391	2397	2402	rVB2	190413	336268	2.20%	0.319%
40	16.998	2402	2410	2413	rBV2	163003	382617	2.51%	0.363%
41	17.039	2413	2417	2420	rVB2	132382	164506	1.08%	0.156%
42	17.128	2428	2432	2438	rVB5	81911	160868	1.05%	0.152%
43	17.198	2438	2444	2447	rBV	203485	405657	2.66%	0.385%
44	17.292	2454	2460	2469	rVB	852831	1342937	8.79%	1.273%
45	17.556	2485	2505	2509	rBV	5932405	15269569	100.00%	14.474%
46	17.621	2509	2516	2521	rBV	887595	1259042	8.25%	1.193%
47	17.874	2554	2559	2567	rBV	553141	960003	6.29%	0.910%
48	17.985	2573	2578	2583	rBV	170877	227596	1.49%	0.216%
49	18.050	2583	2589	2598	rVB5	91508	225196	1.47%	0.213%
50	18.191	2608	2613	2623	rVB	93361	204801	1.34%	0.194%
51	18.350	2634	2640	2644	rBV	787731	1171585	7.67%	1.111%
52	18.397	2644	2648	2654	rVB	1090888	1615794	10.58%	1.532%
53	18.479	2654	2662	2667	rBV	364851	631121	4.13%	0.598%
54	18.549	2667	2674	2684	rBV2	1451061	3045112	19.94%	2.886%
55	18.643	2684	2690	2694	rVB4	72895	117396	0.77%	0.111%
56	18.779	2709	2713	2718	rBV5	67389	106104	0.69%	0.101%
57	18.837	2718	2723	2728	rBV	659141	904889	5.93%	0.858%
58	19.078	2760	2764	2769	rVB2	136244	184064	1.21%	0.174%
59	19.131	2769	2773	2776	rBV	113009	146260	0.96%	0.139%
60	19.166	2776	2779	2783	rVB	110417	145406	0.95%	0.138%
61	19.249	2788	2793	2798	rBV	230045	419929	2.75%	0.398%
62	19.319	2800	2805	2808	rBV3	106534	153592	1.01%	0.146%
63	19.542	2833	2843	2847	rBV	4501874	8840646	57.90%	8.380%
64	19.578	2847	2849	2852	rVV	110867	137282	0.90%	0.130%
65	19.613	2852	2855	2859	rVV2	89114	136468	0.89%	0.129%
66	19.766	2876	2881	2890	rVB	227130	391667	2.57%	0.371%
67	19.901	2890	2904	2909	rBV3	3405372	8109879	53.11%	7.687%
68	19.948	2909	2912	2920	rVB	270459	382999	2.51%	0.363%
69	20.054	2924	2930	2936	rVB	302632	451968	2.96%	0.428%
70	20.206	2948	2956	2961	rBV2	266728	728307	4.77%	0.690%
71	20.253	2961	2964	2971	rVB	126810	166572	1.09%	0.158%

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72	20.330	2971	2977	2978	rBV2	149819	203611	1.33%	0.193%
73	20.371	2979	2984	2989	rVB	870301	1296845	8.49%	1.229%
74	20.471	2994	3001	3005	rBV	988409	1435235	9.40%	1.360%
75	20.529	3005	3011	3014	rVV2	282674	557924	3.65%	0.529%
76	20.565	3014	3017	3020	rVV	185968	241132	1.58%	0.229%
77	20.606	3020	3024	3029	rVB2	107572	174226	1.14%	0.165%
78	20.665	3030	3034	3038	rBV	130280	193712	1.27%	0.184%
79	20.712	3038	3042	3053	rVB2	172958	314919	2.06%	0.299%
80	20.894	3068	3073	3076	rBV	82347	120647	0.79%	0.114%
81	21.088	3101	3106	3111	rVV2	104334	214973	1.41%	0.204%
82	21.135	3111	3114	3120	rVV4	65324	128112	0.84%	0.121%
83	21.323	3137	3146	3149	rBV	259180	432808	2.83%	0.410%
84	21.364	3149	3153	3157	rVV	250555	394706	2.58%	0.374%
85	21.411	3157	3161	3166	rVV2	159484	289268	1.89%	0.274%
86	21.458	3166	3169	3180	rVB2	68723	128591	0.84%	0.122%
87	21.599	3184	3193	3201	rBV	77522	198790	1.30%	0.188%
88	21.734	3207	3216	3222	rBV3	1193658	2621257	17.17%	2.485%
89	21.799	3222	3227	3234	rVB	864265	1496558	9.80%	1.419%
90	21.951	3247	3253	3261	rVV	224384	410988	2.69%	0.390%
91	22.157	3282	3288	3296	rVV2	113041	251404	1.65%	0.238%
92	22.480	3335	3343	3350	rVV	114314	300076	1.97%	0.284%
93	22.556	3351	3356	3363	rVV2	59783	124596	0.82%	0.118%
94	22.703	3376	3381	3386	rVV2	59355	126087	0.83%	0.120%
95	22.762	3386	3391	3395	rVV2	57426	125476	0.82%	0.119%
96	22.809	3395	3399	3408	rVB4	85377	182095	1.19%	0.173%
97	23.978	3587	3598	3605	rBV2	231933	805593	5.28%	0.764%
98	24.713	3714	3723	3734	rBV2	89745	258325	1.69%	0.245%
99	24.866	3739	3749	3764	rBV	140502	451835	2.96%	0.428%
100	25.018	3764	3775	3783	rBV2	105831	337814	2.21%	0.320%

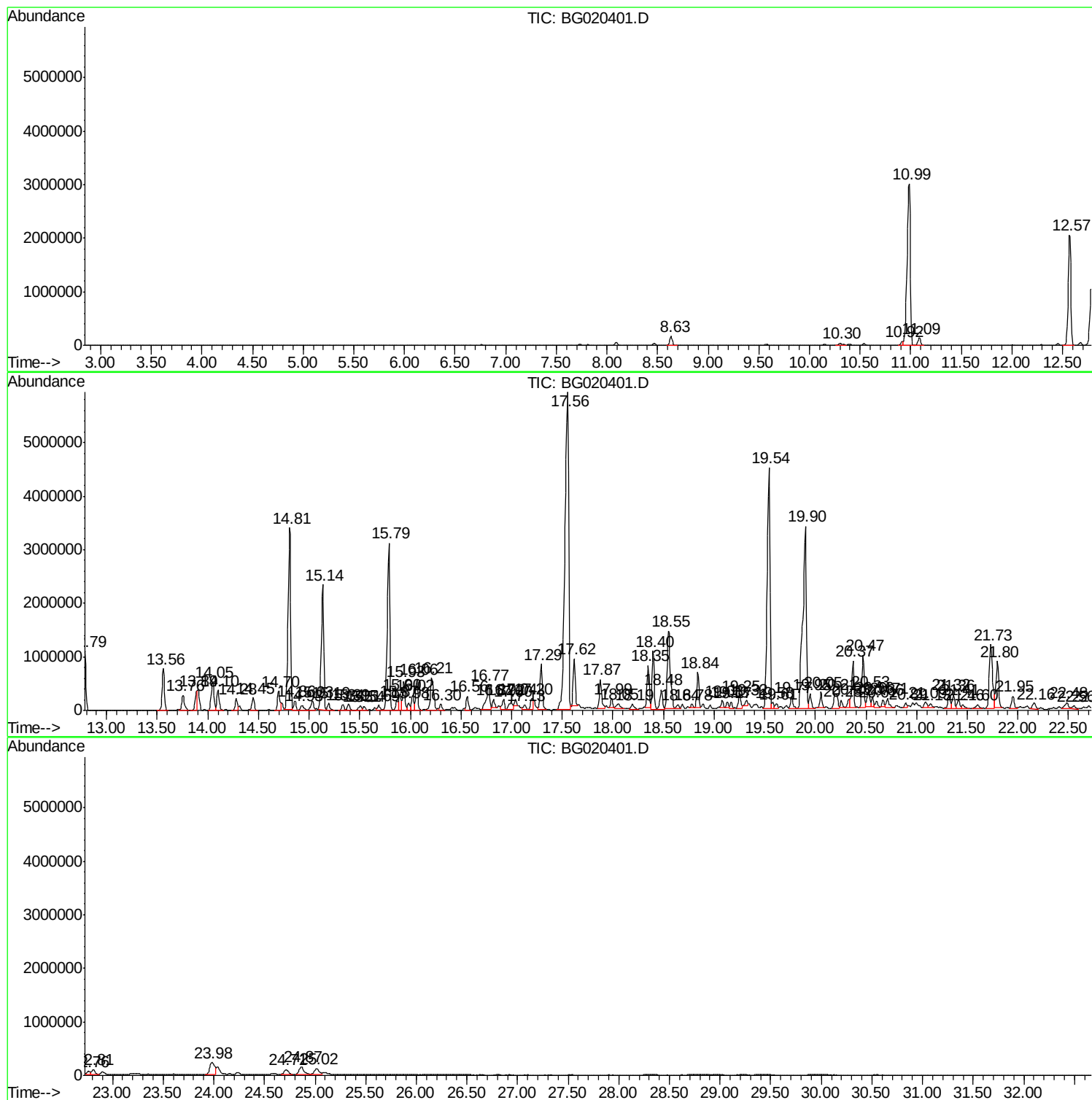
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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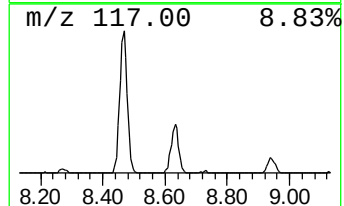
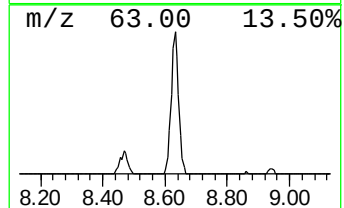
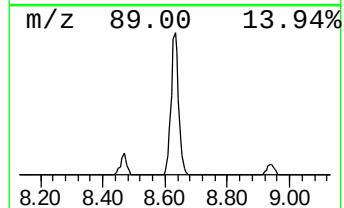
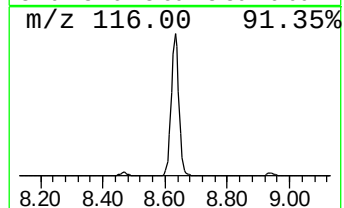
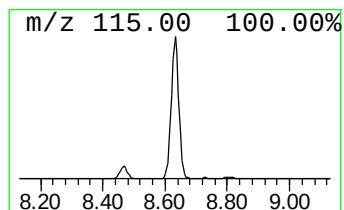
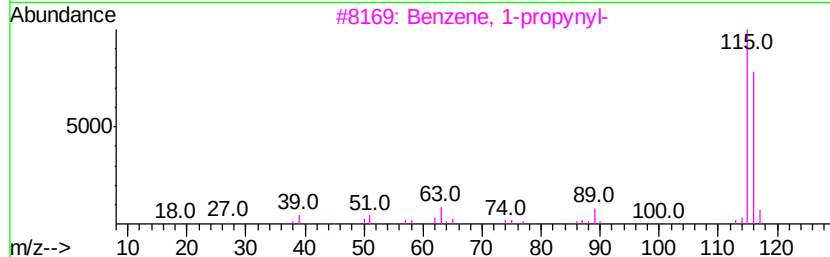
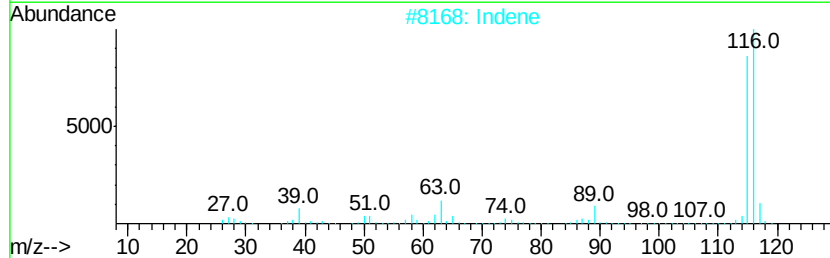
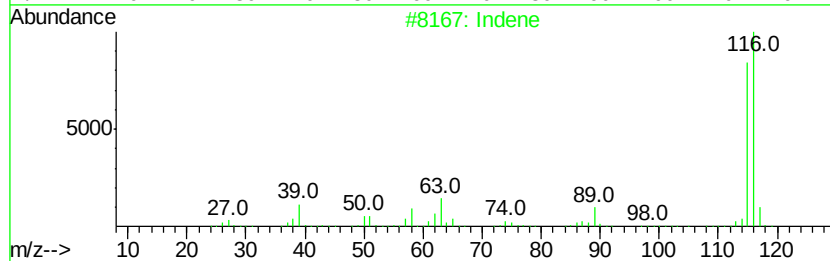
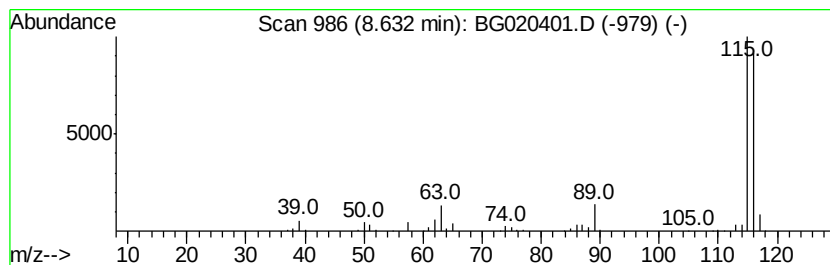
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	20.00 ng/ul	283067	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Indene	116	C9H8	000095-13-6	95
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Indene	116	C9H8	000095-13-6	91



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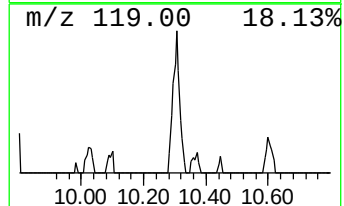
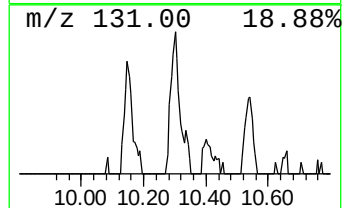
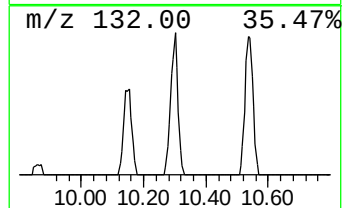
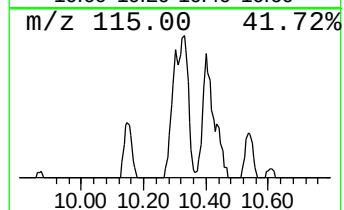
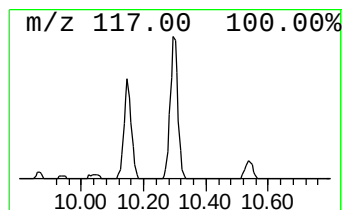
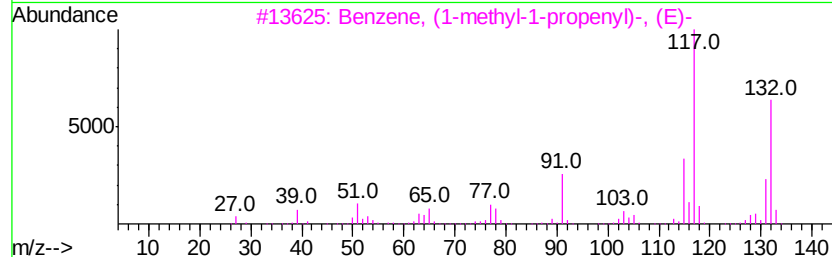
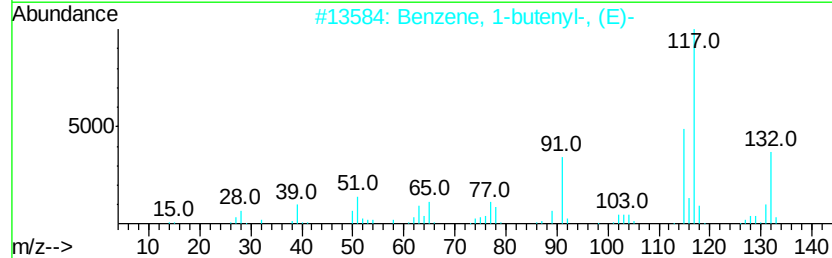
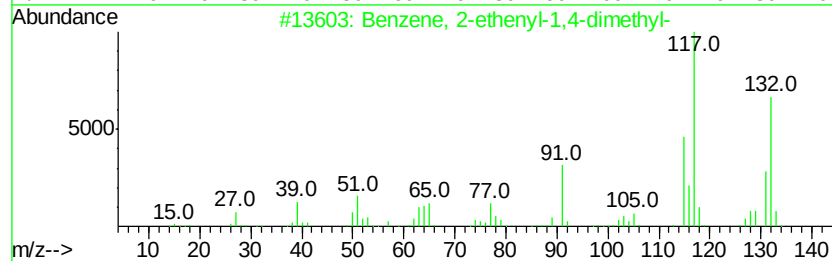
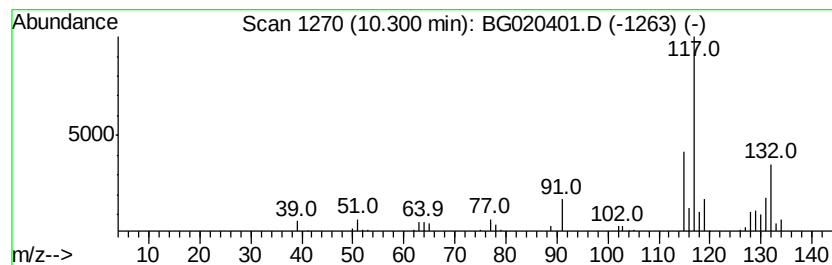
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	18.71 ng/ul	108468	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	81
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74



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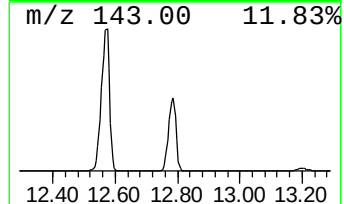
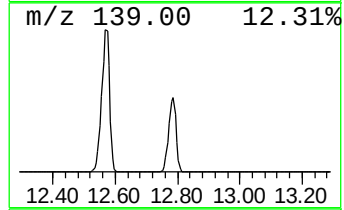
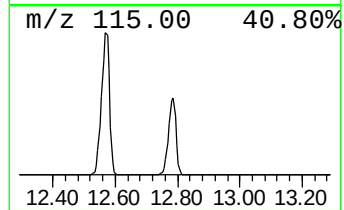
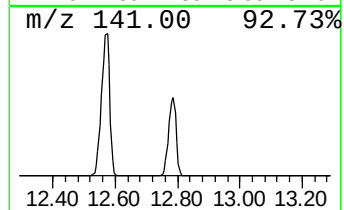
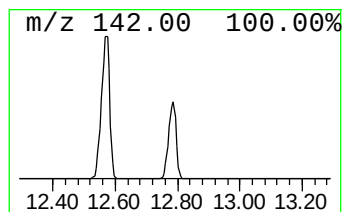
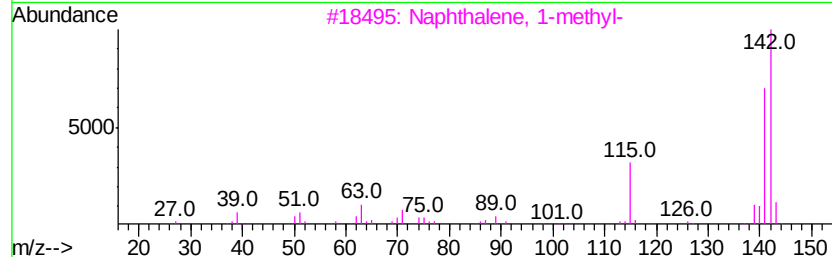
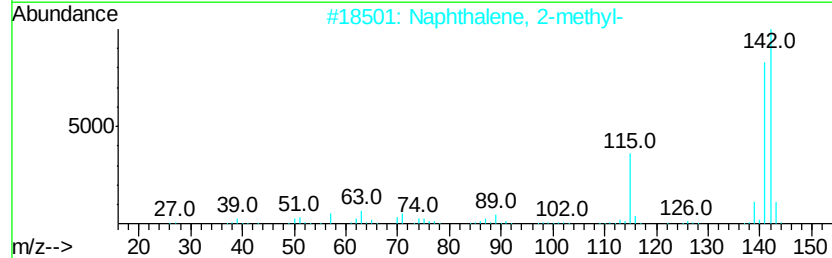
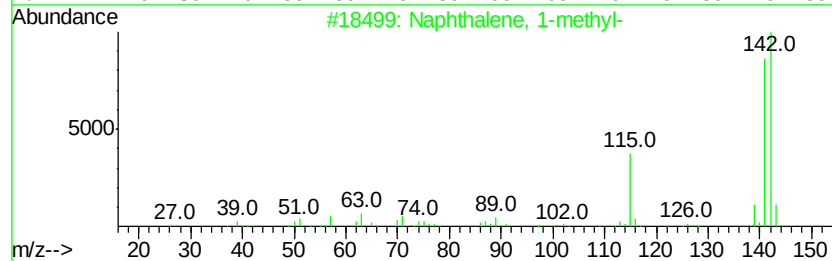
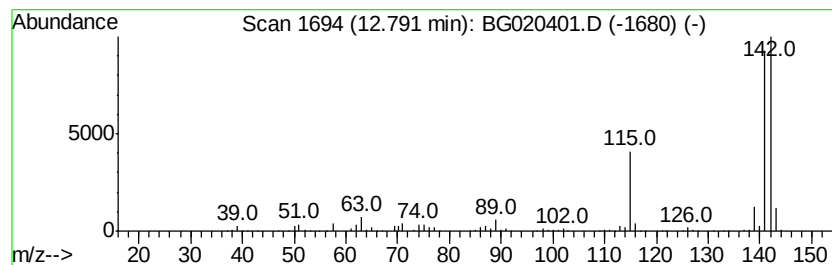
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	325.31 ng/ul	1885820	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
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Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

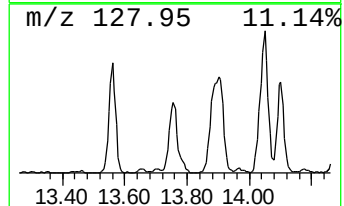
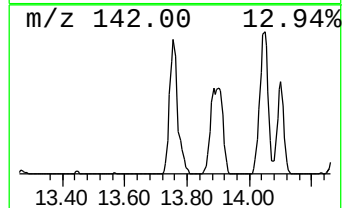
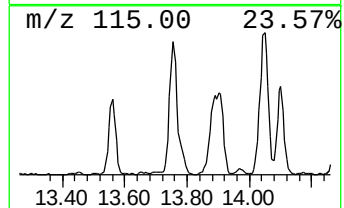
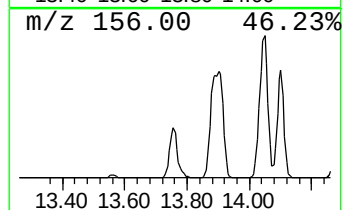
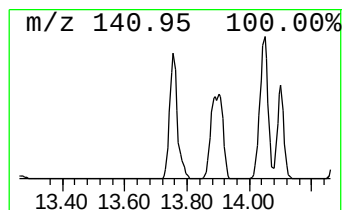
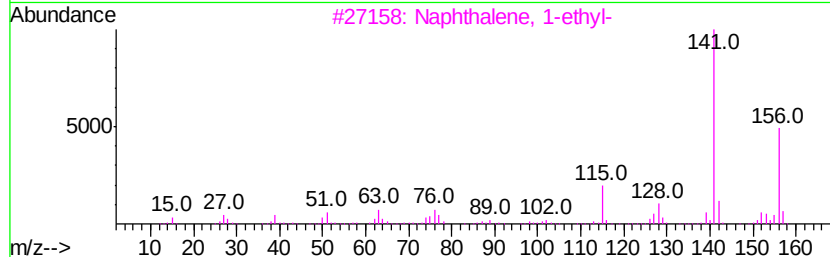
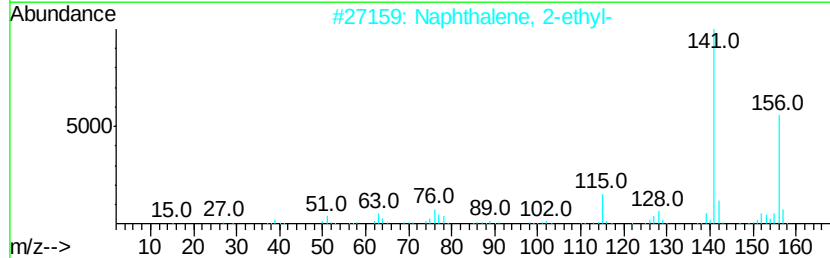
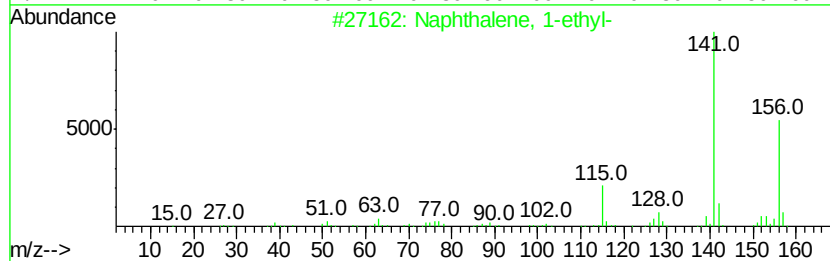
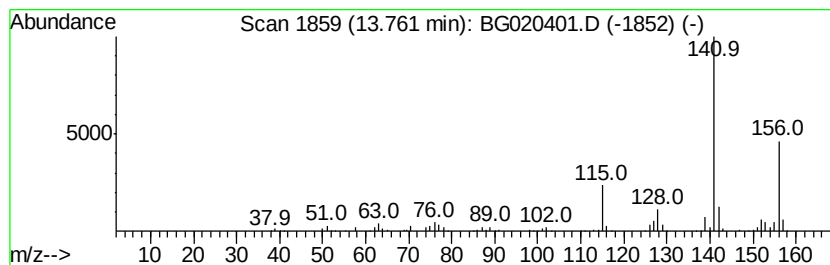
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	18.42 ng/ul	537106	Acenaphthene-d10	14.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
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Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

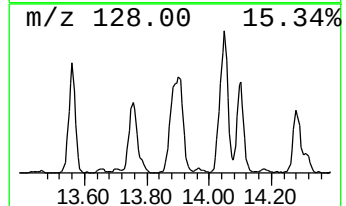
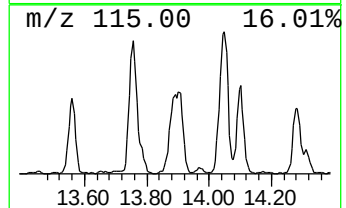
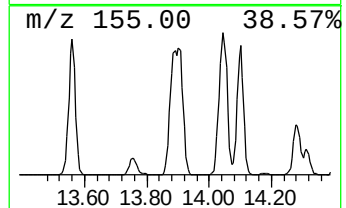
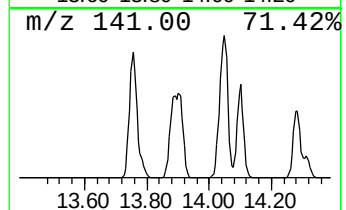
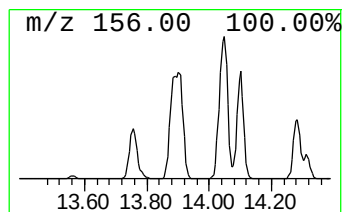
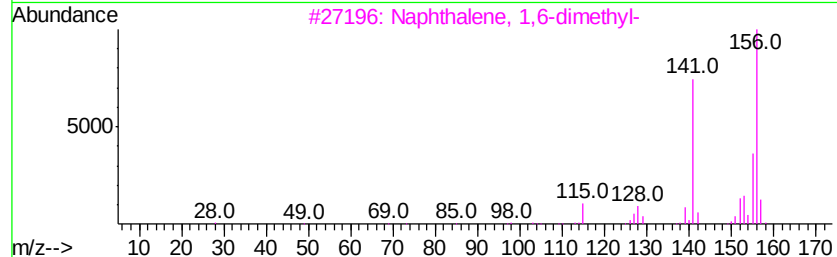
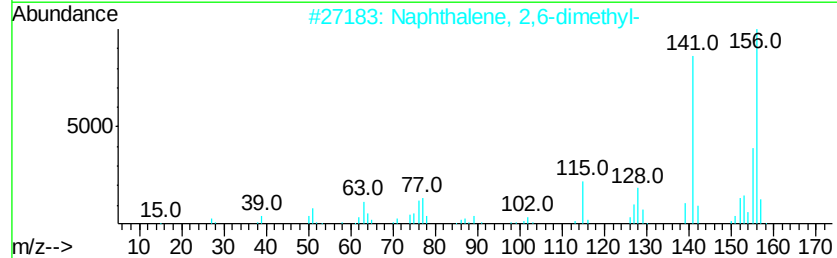
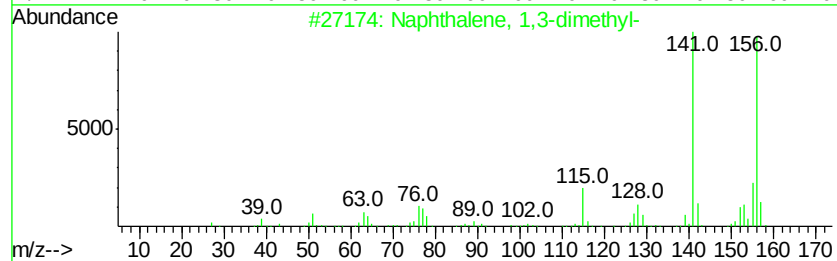
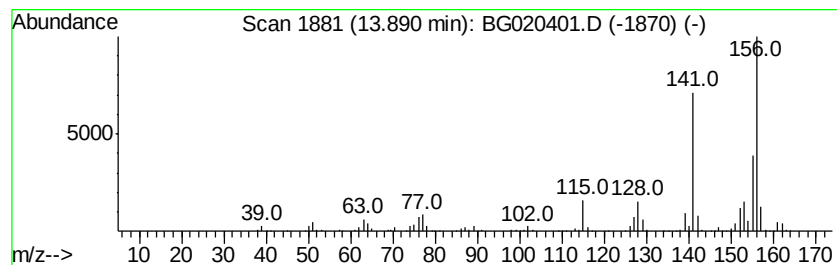
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	20.75 ng/ul	605076	Acenaphthene-d10	14.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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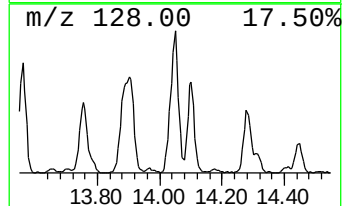
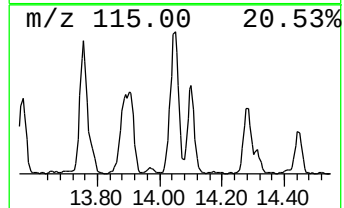
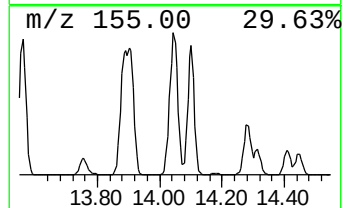
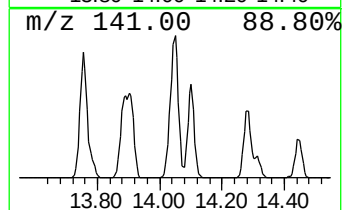
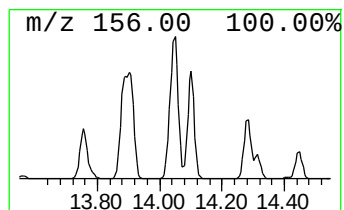
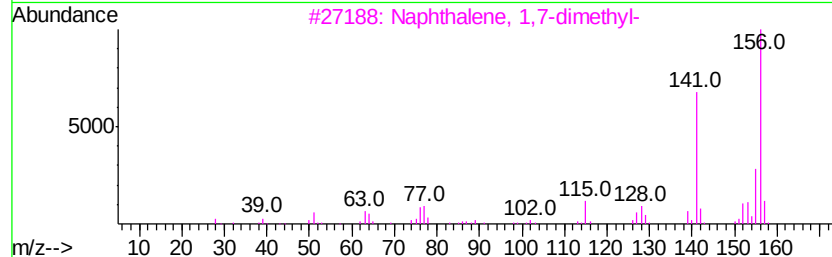
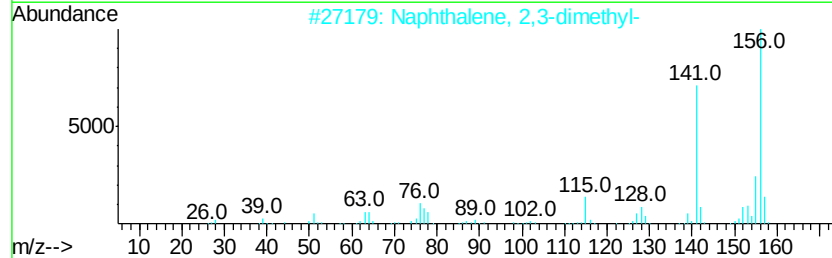
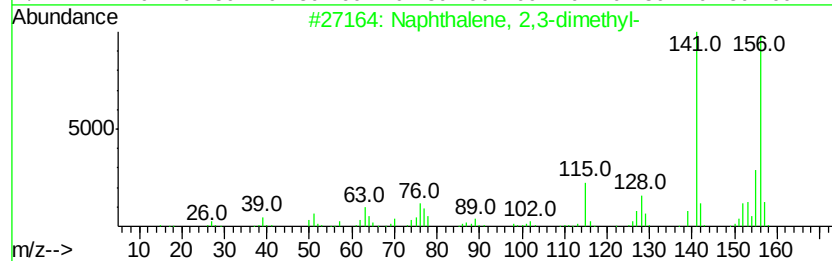
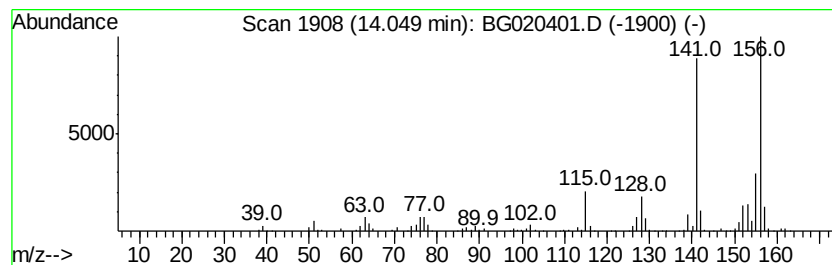
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	33.96 ng/ul	990283	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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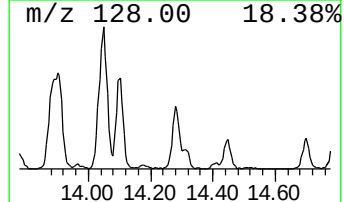
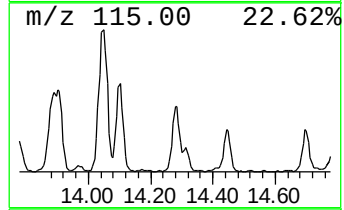
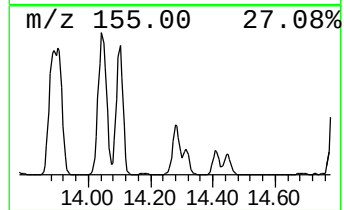
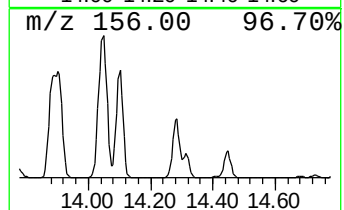
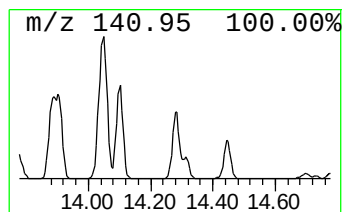
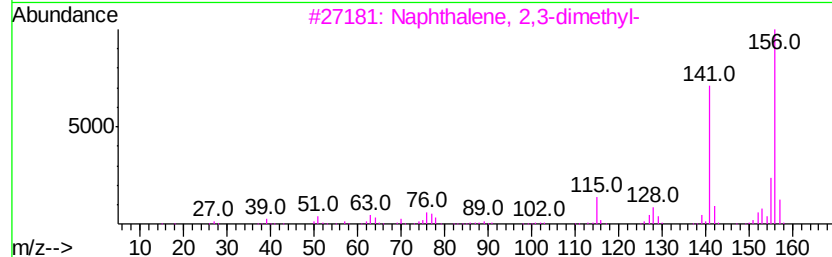
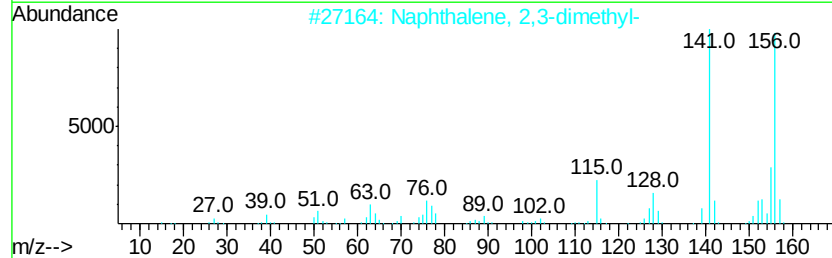
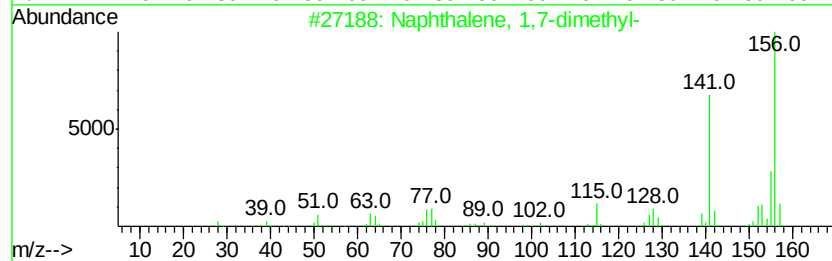
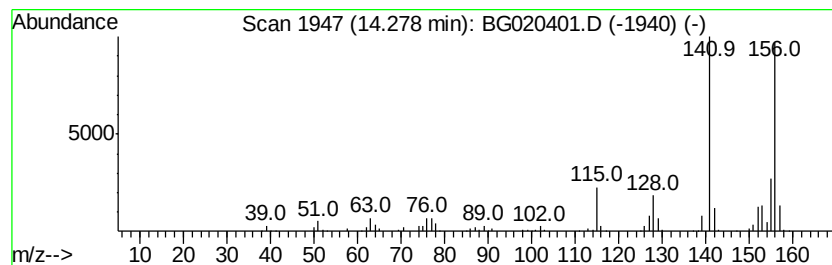
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	12.35 ng/ul	360148	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
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Sample : G4848-05DL 30X
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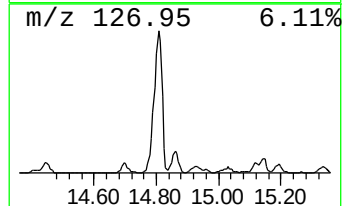
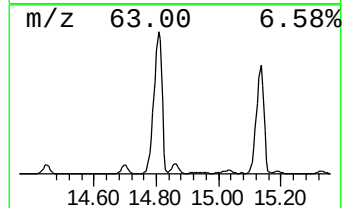
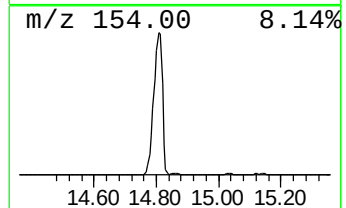
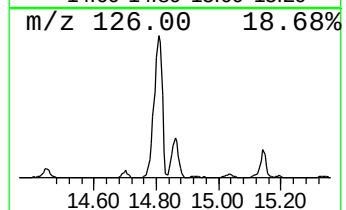
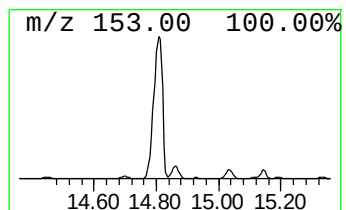
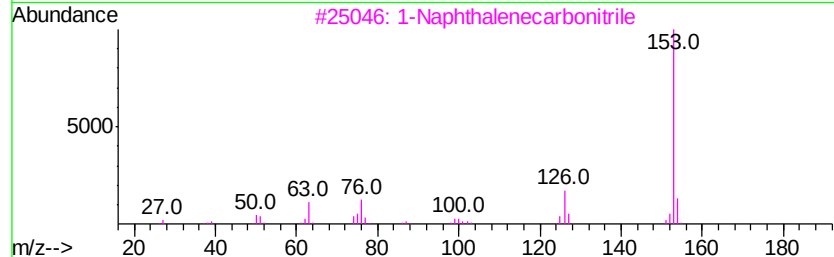
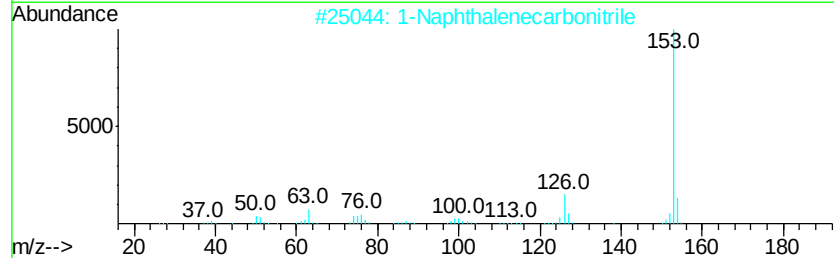
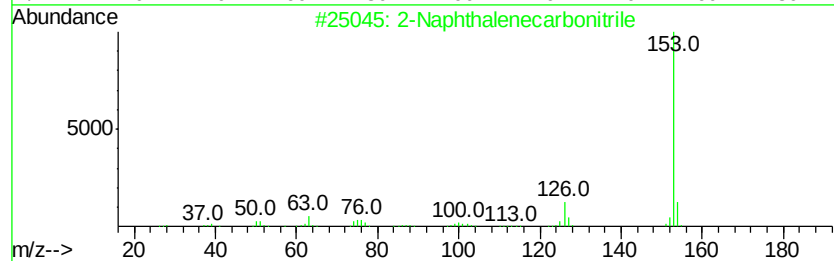
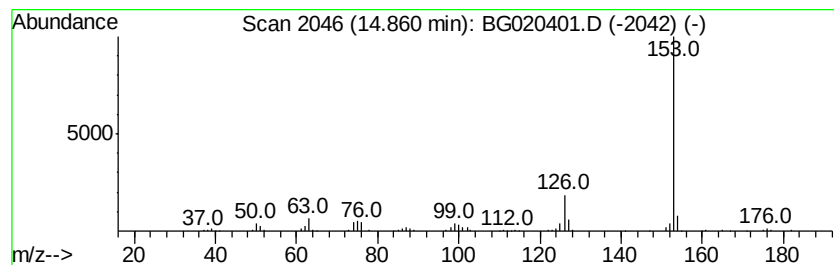
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Naphthalenecarbonitrile Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	9.06 ng/ul	264229	Acenaphthene-d10	14.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Naphthalenecarbonitrile	153 C11H7N	000613-46-7	87
2	1-Naphthalenecarbonitrile	153 C11H7N	000086-53-3	83
3	1-Naphthalenecarbonitrile	153 C11H7N	000086-53-3	80
4	1-Naphthalenecarbonitrile	153 C11H7N	000086-53-3	72
5	Naphthalene, 1-isocyano-	153 C11H7N	001984-04-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
Operator : UM/SJ
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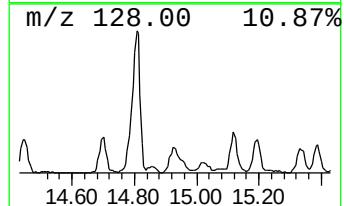
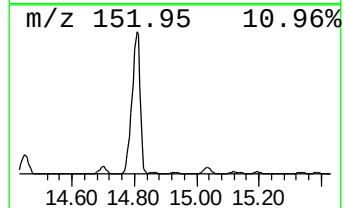
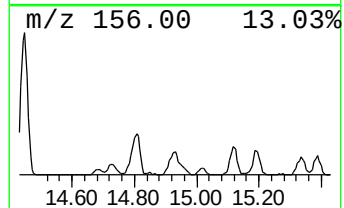
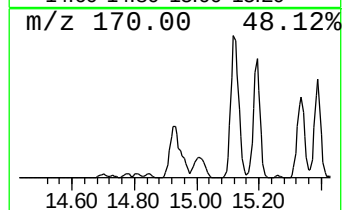
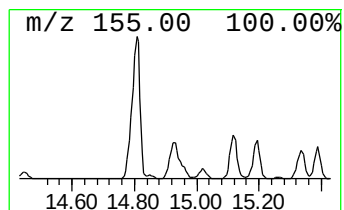
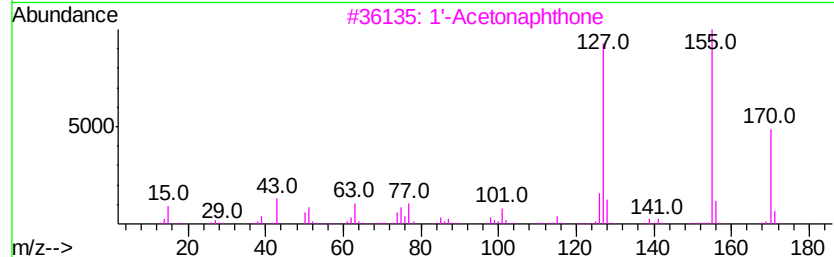
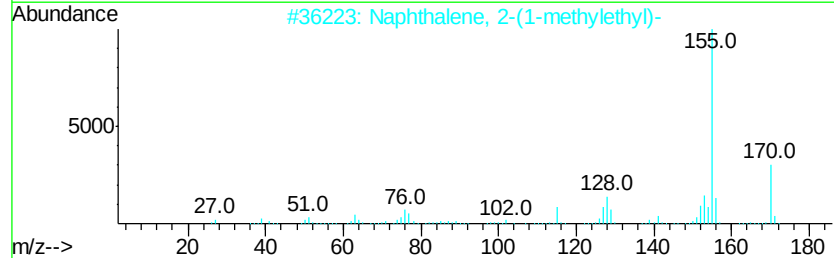
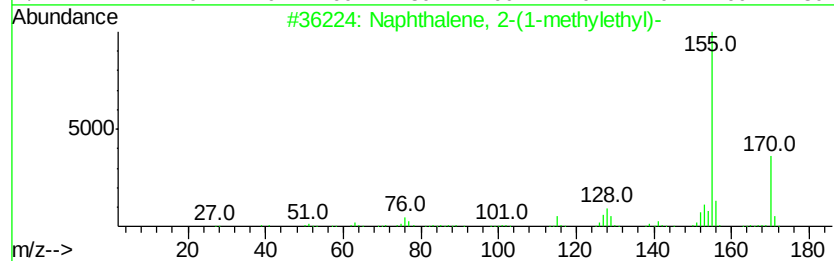
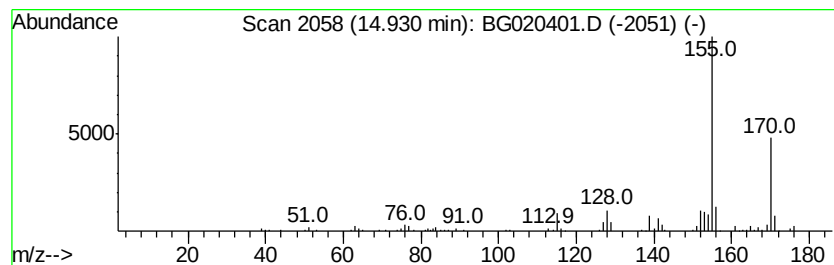
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	7.48 ng/ul	218211	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3		1'-Acetonaphthone	170	C12H10O	000941-98-0	72
4		1'-Acetonaphthone	170	C12H10O	000941-98-0	72
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
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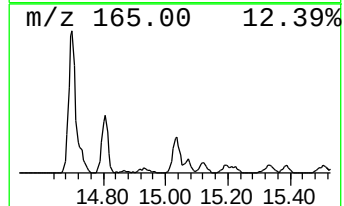
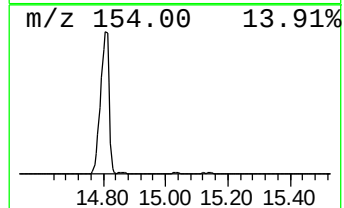
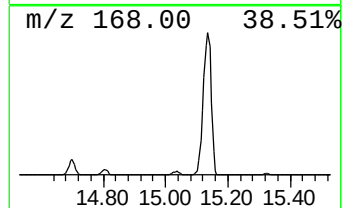
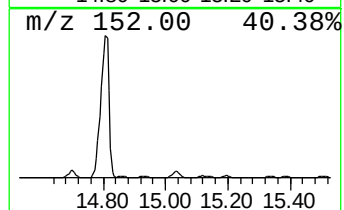
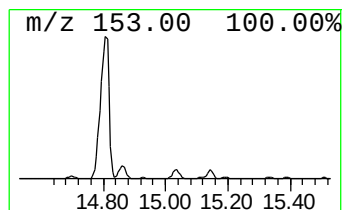
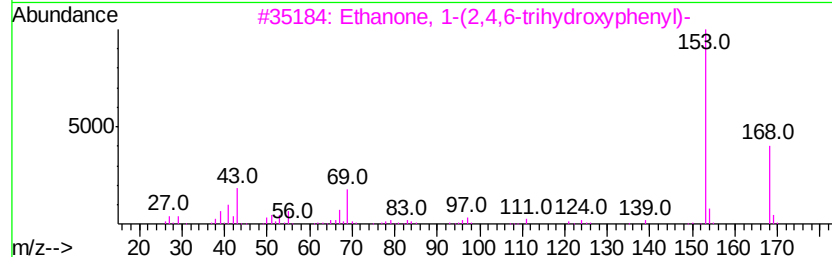
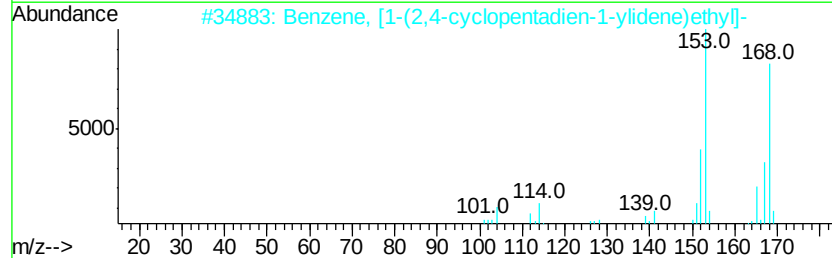
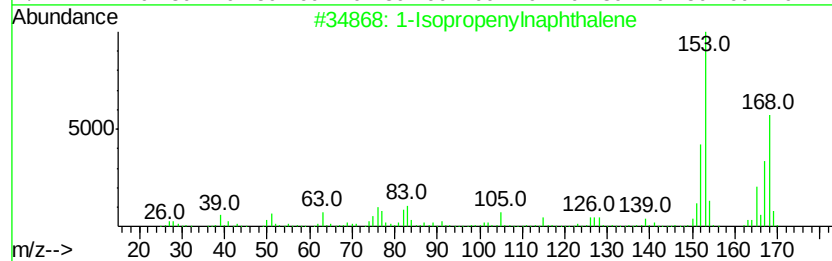
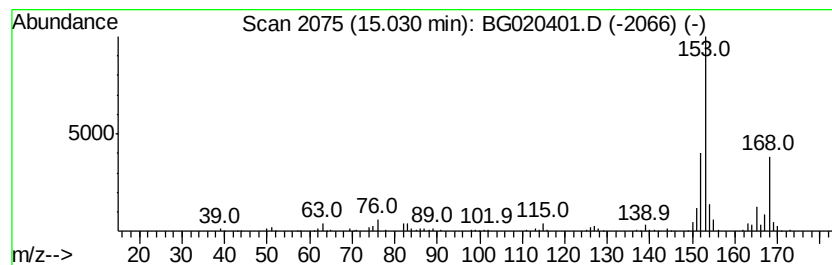
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	11.24 ng/ul	327887	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
4		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
5		Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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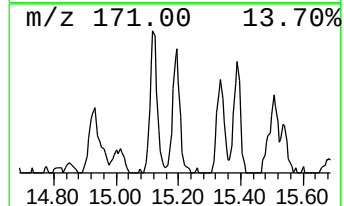
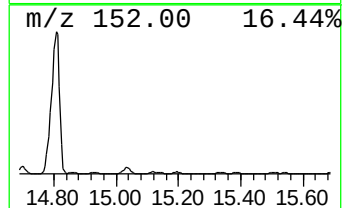
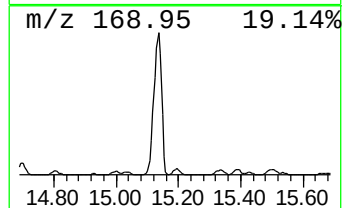
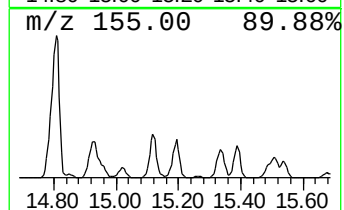
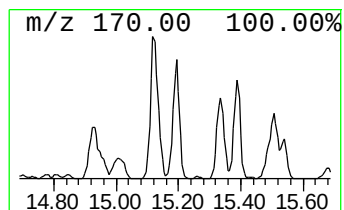
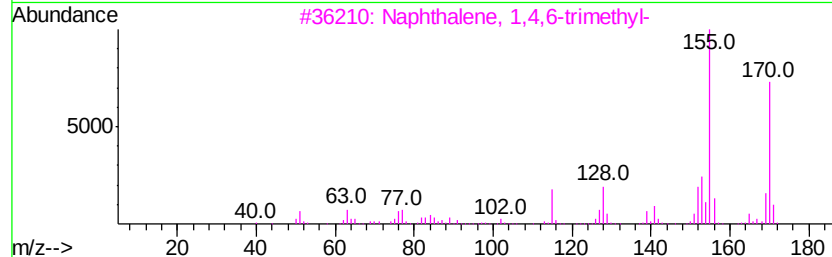
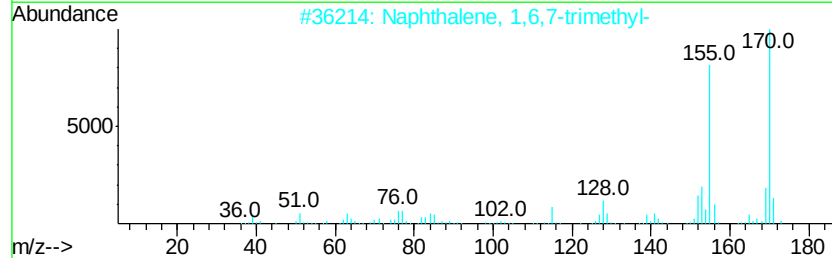
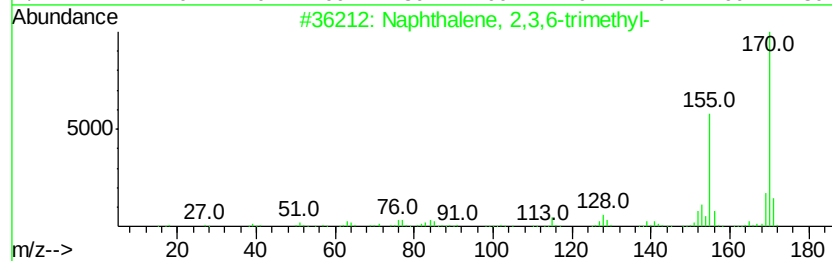
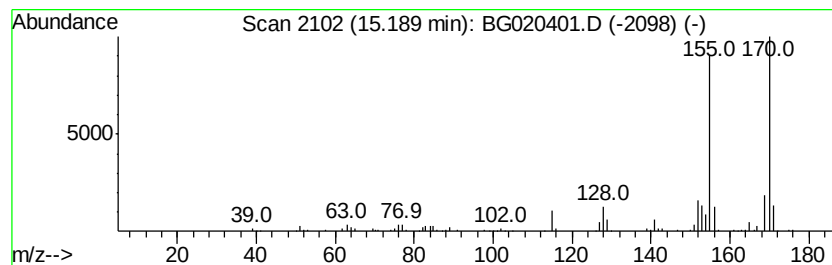
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	7.34 ng/ul	214101	Acenaphthene-d10	14.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
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Acq On : 22 Dec 2015 6:49
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ClientSampleId :
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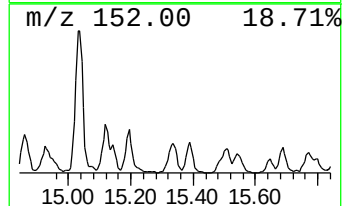
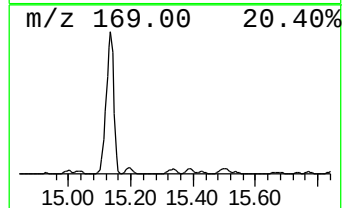
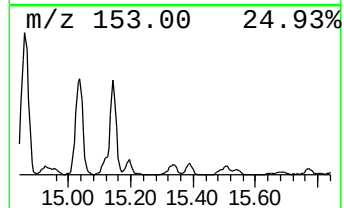
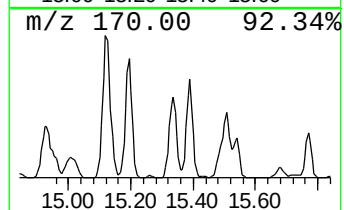
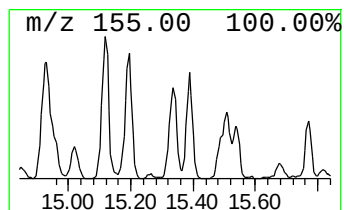
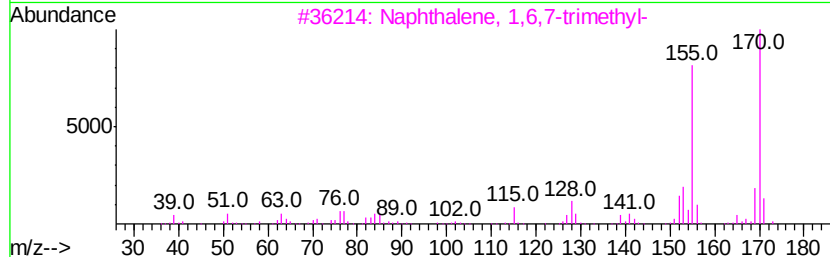
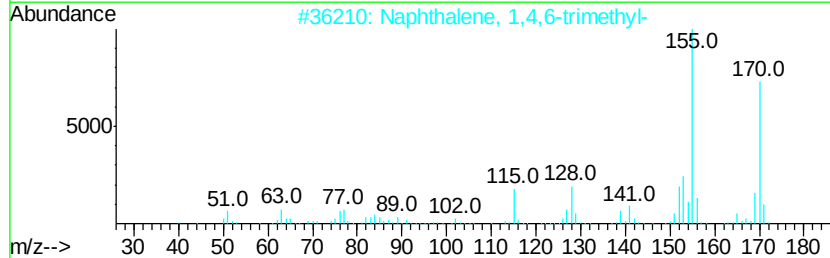
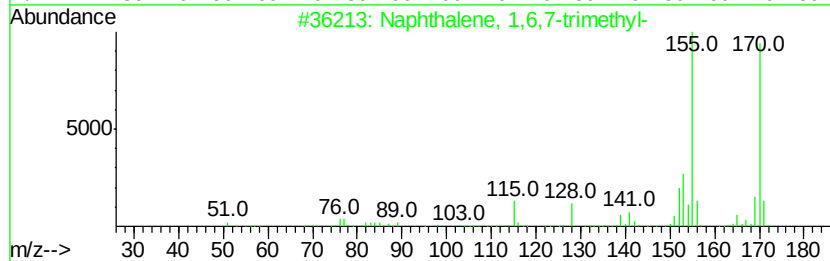
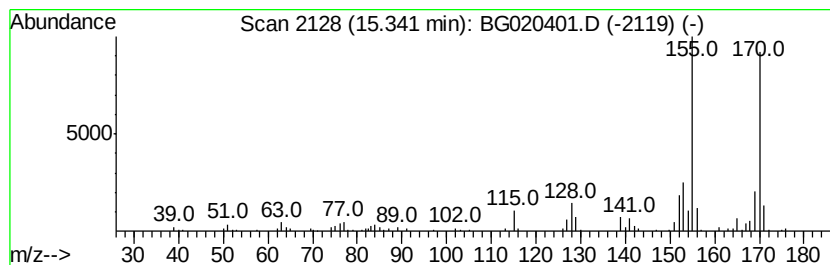
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	6.62 ng/ul	192959	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
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ClientSampleId :
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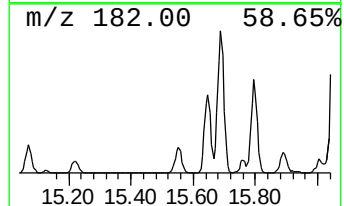
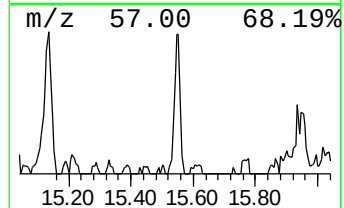
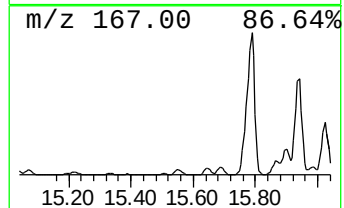
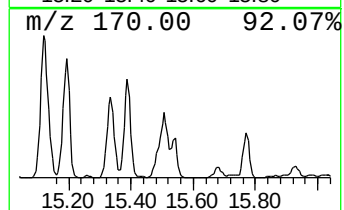
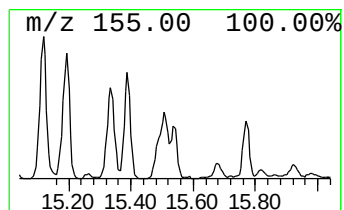
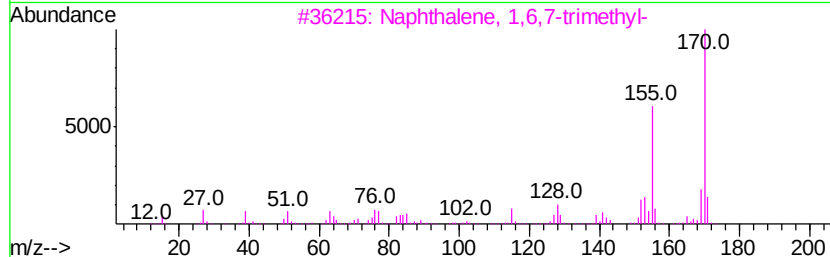
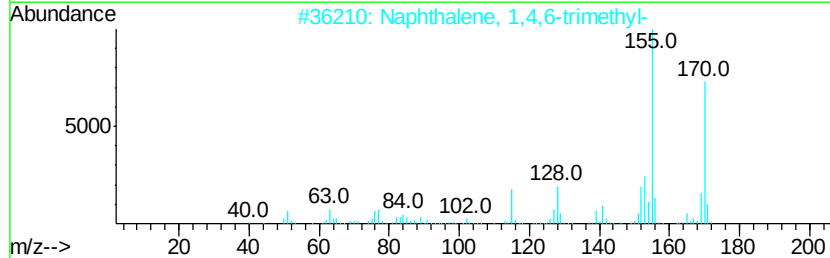
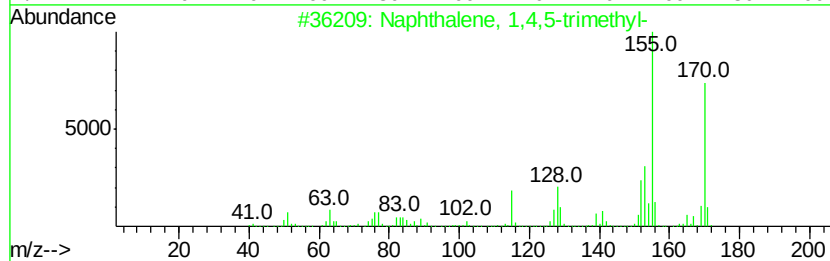
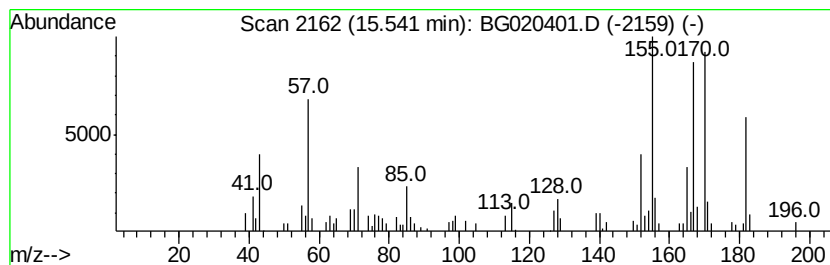
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.19 ng/ul	122107	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	45
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
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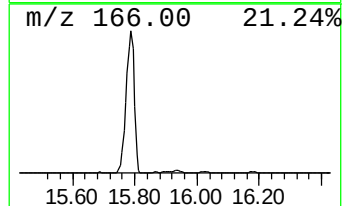
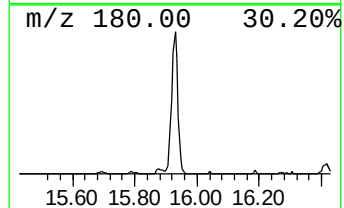
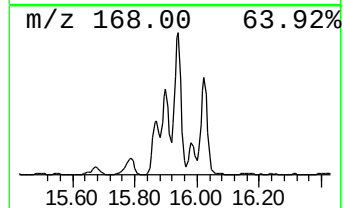
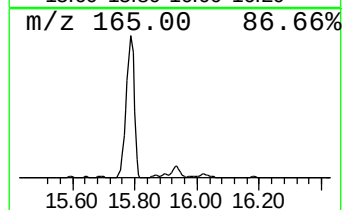
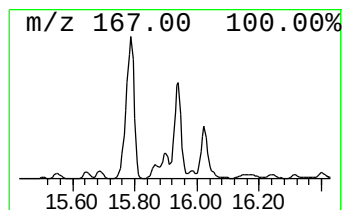
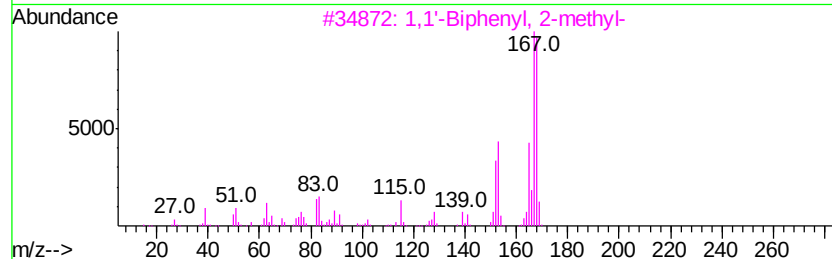
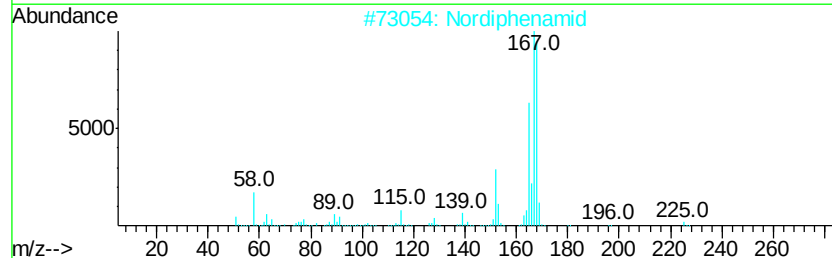
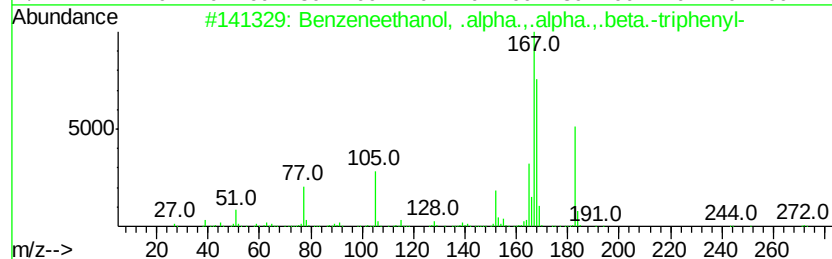
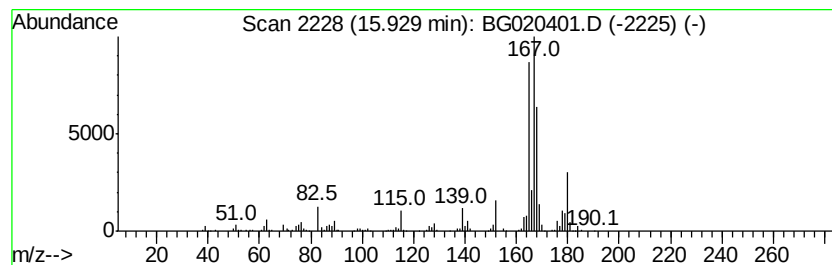
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzeneethanol, .alpha.,.al... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	30.71 ng/ul	895662	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	64
2		Nordiphenamid	225	C15H15NO	000954-21-2	58
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
4		1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50
5		Benzene, 1,1',1''-(1-ethanyl-2-y...	258	C20H18	001520-42-9	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
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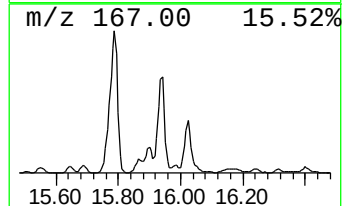
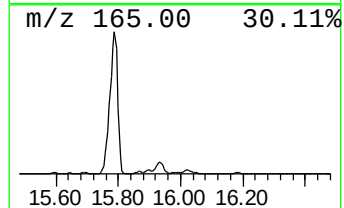
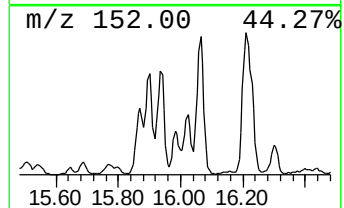
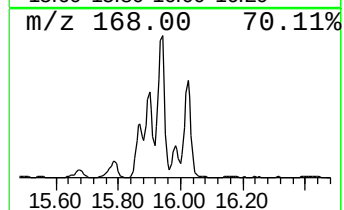
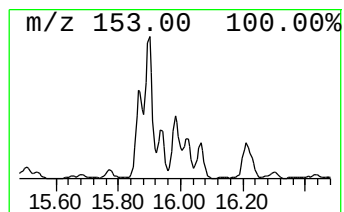
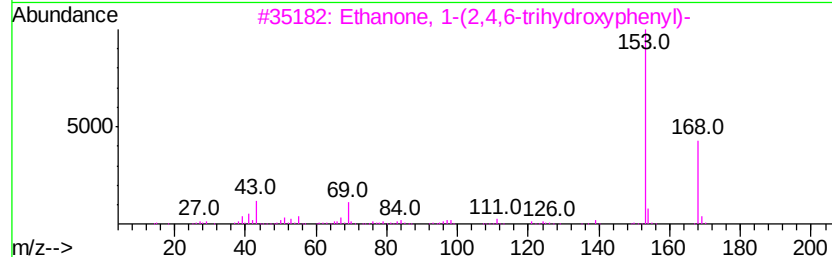
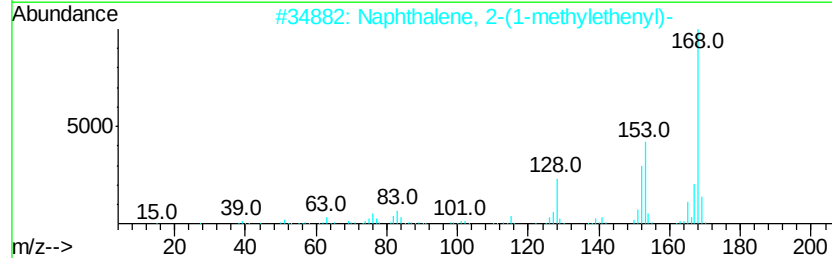
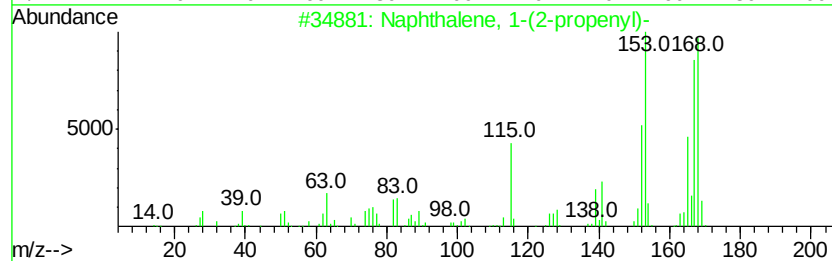
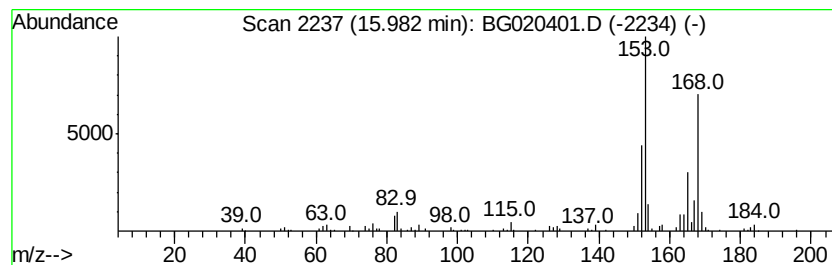
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1-(2-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	7.38 ng/ul	215122	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
3		Ethanone, 1-(2,4,6-trihydroxypheno...	168	C8H8O4	000480-66-0	47
4		Ethanone, 1-(2,3,4-trihydroxypheno...	168	C8H8O4	000528-21-2	47
5		1-Cyclohexene-1-ethanol, 2,6,6-t...	168	C11H20O	000472-65-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
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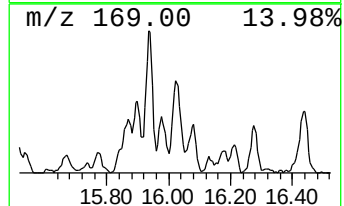
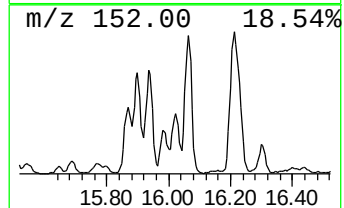
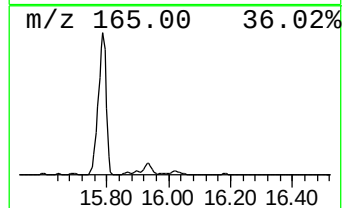
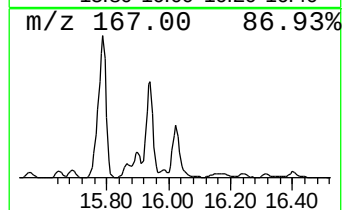
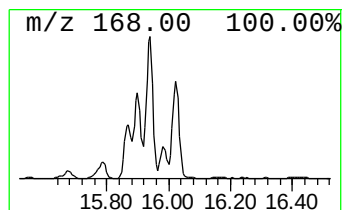
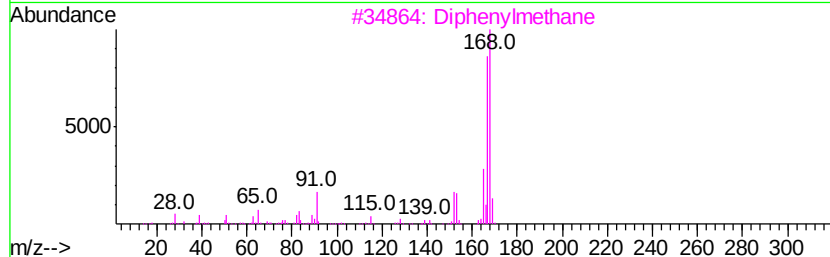
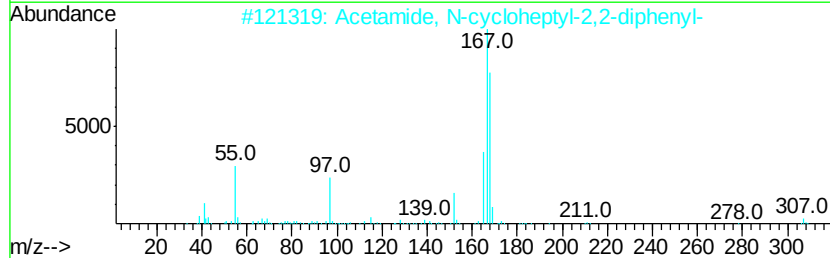
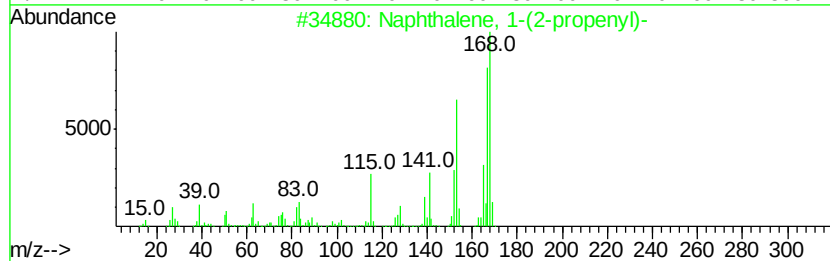
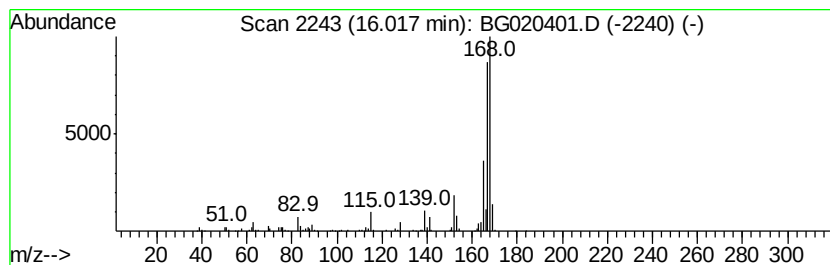
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Acetamide, N-cycloheptyl-2,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	15.55 ng/ul	453406	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	81
2		Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	78
3		Diphenylmethane	168	C13H12	000101-81-5	76
4		Diphenylmethane	168	C13H12	000101-81-5	72
5		Diphenylmethane	168	C13H12	000101-81-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
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Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

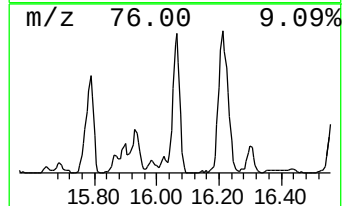
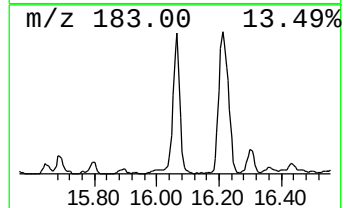
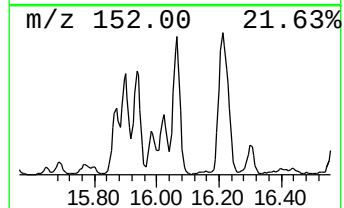
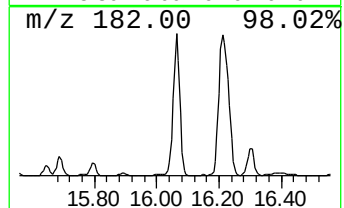
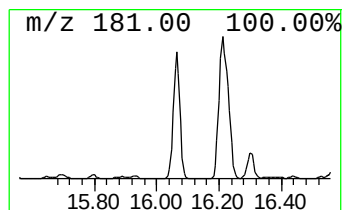
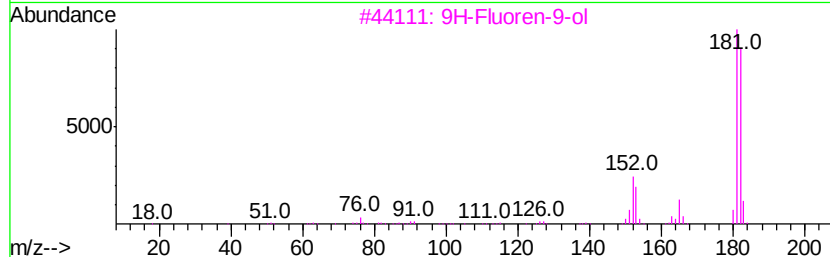
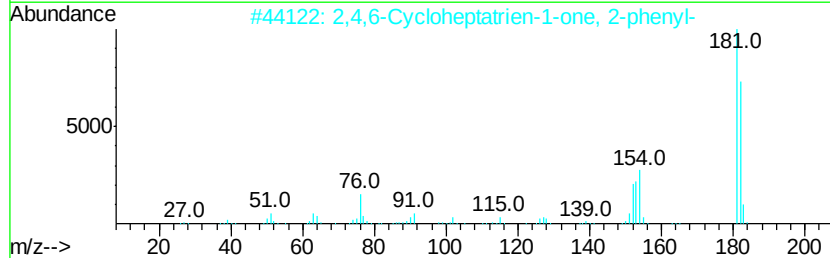
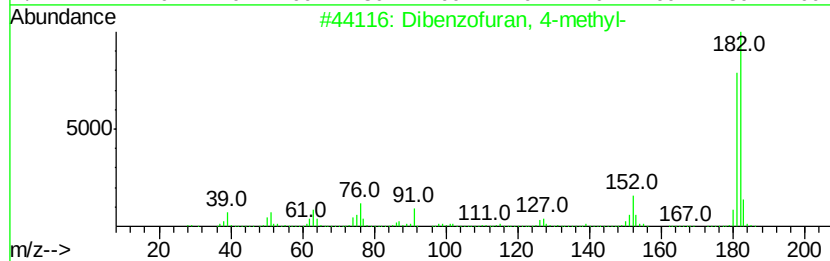
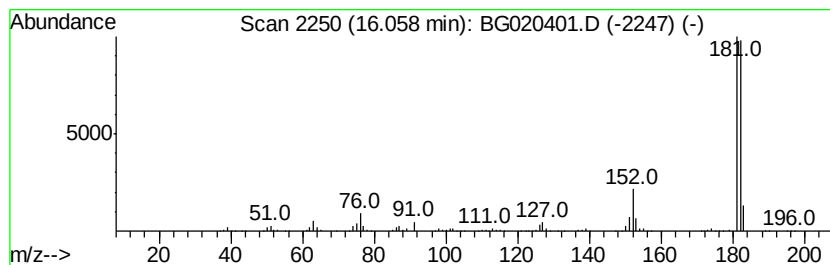
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.06	30.53 ng/ul	890297	Acenaphthene-d10	14.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51DL

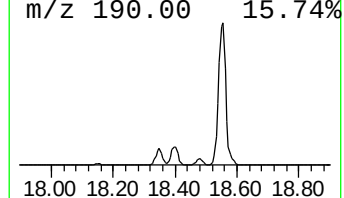
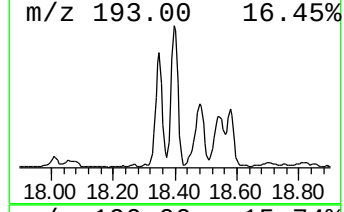
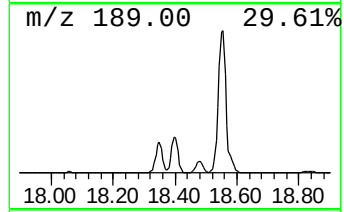
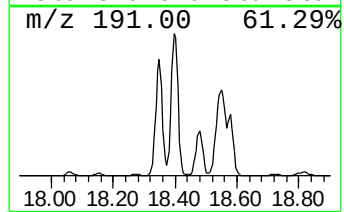
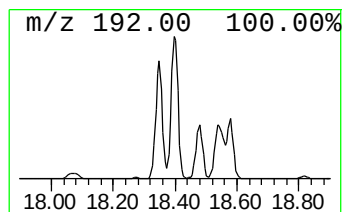
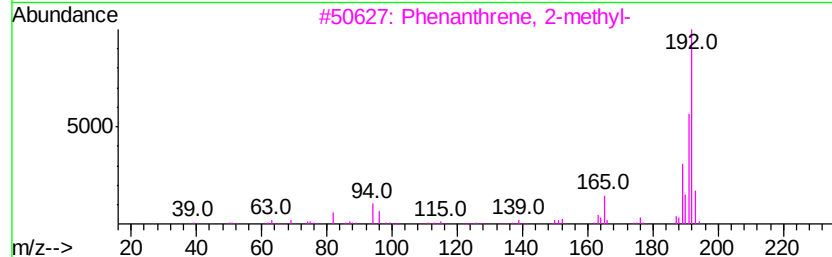
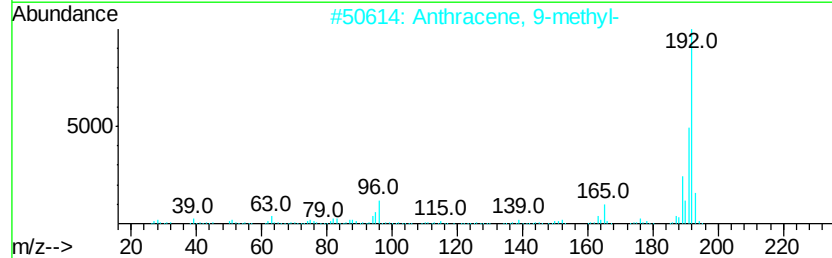
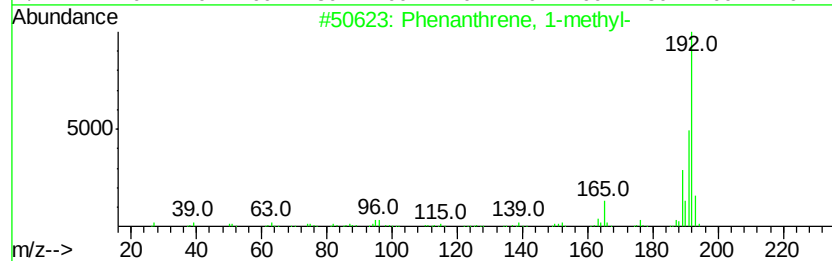
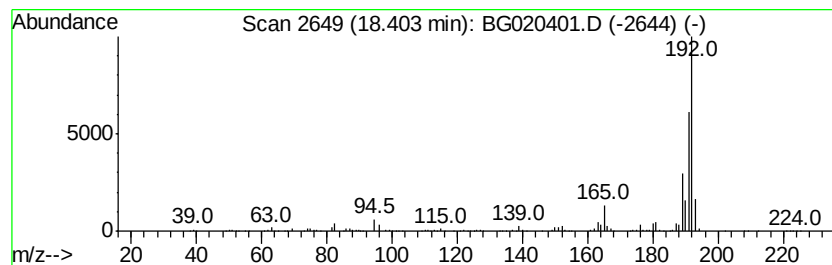
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Phenanthrene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.12 ng/ul	1615790	Phenanthrene-d10	17.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
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Misc :
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ClientSampleId :
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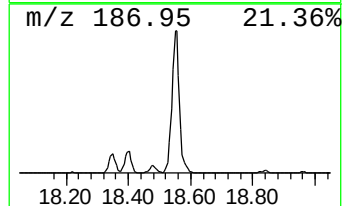
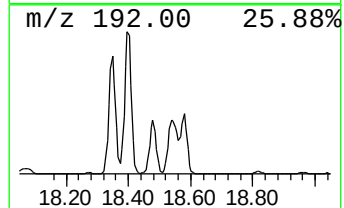
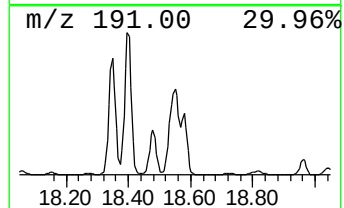
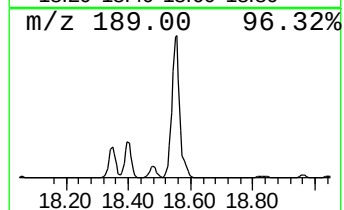
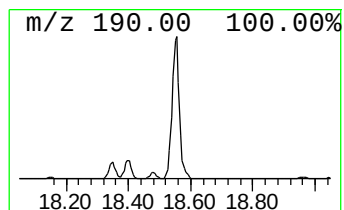
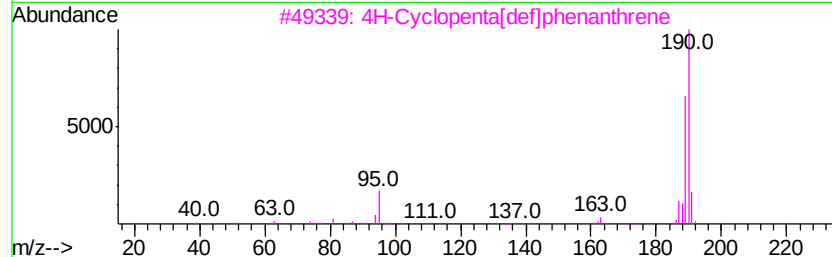
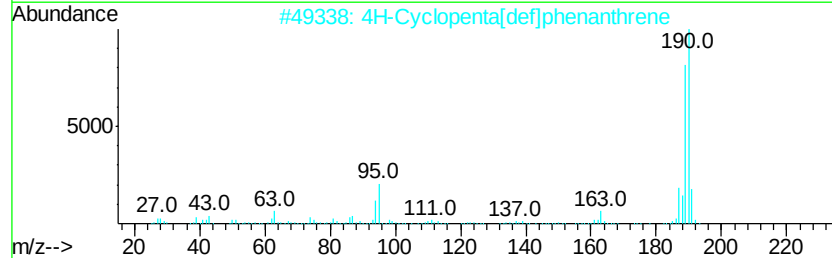
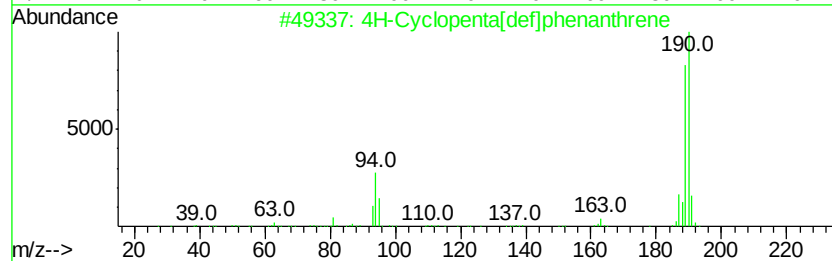
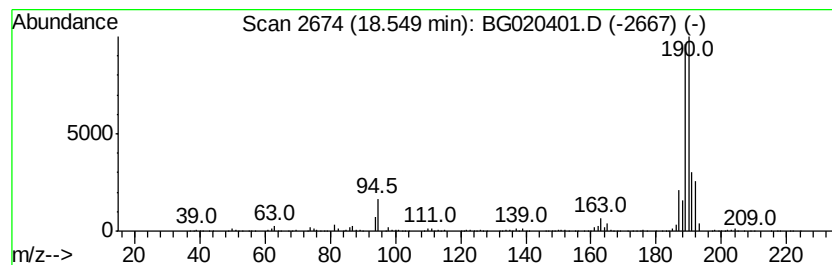
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.99 ng/ul	3045110	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4		Methyl diselenide	190	C2H6Se2	007101-31-7	55
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
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Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
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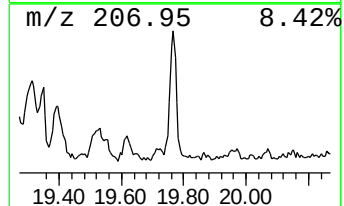
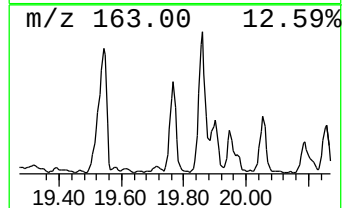
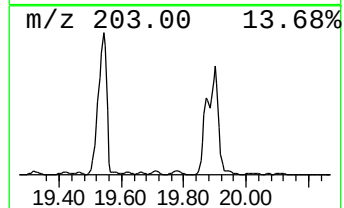
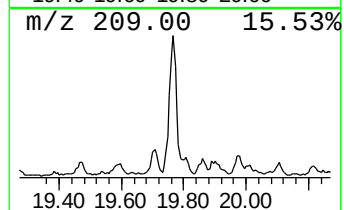
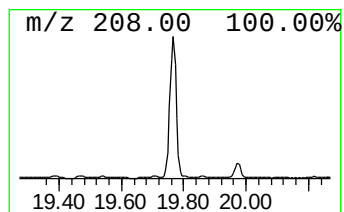
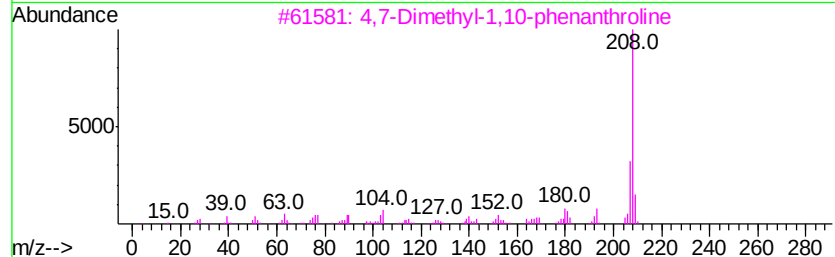
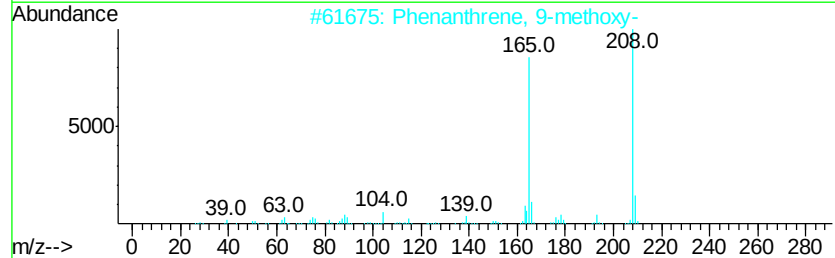
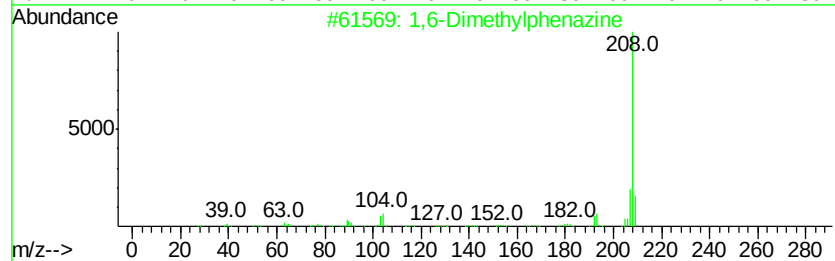
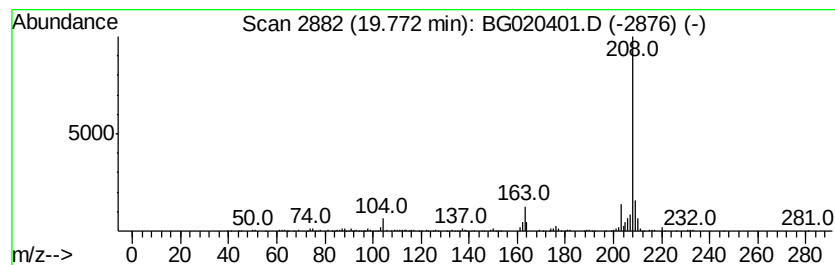
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1,6-Dimethylphenazine Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.99 ng/ul	391667	Chrysene-d12	21.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7 64
2	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5 64
3	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3 59
4	Thiourea, N-(2-methylpropyl)-N'-...	208	C11H16N2S	016275-53-9 59
5	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8 59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
Operator : UM/SJ
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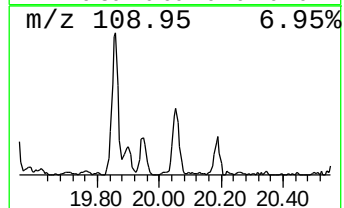
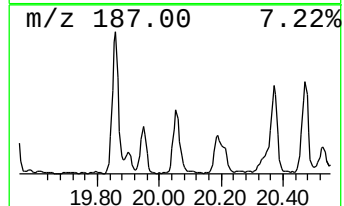
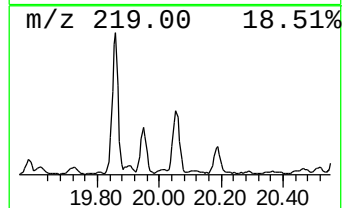
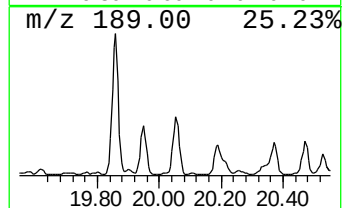
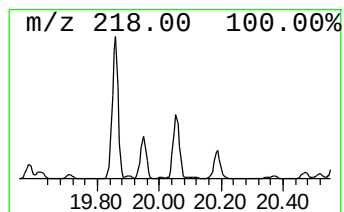
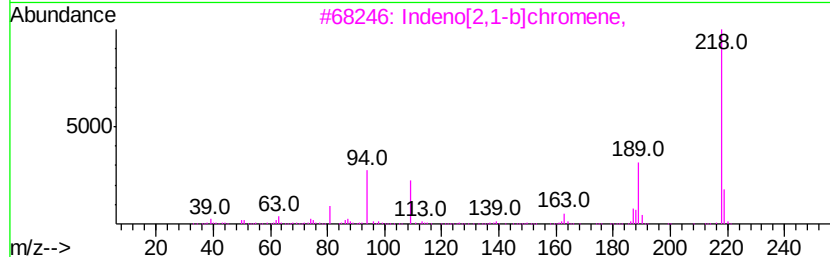
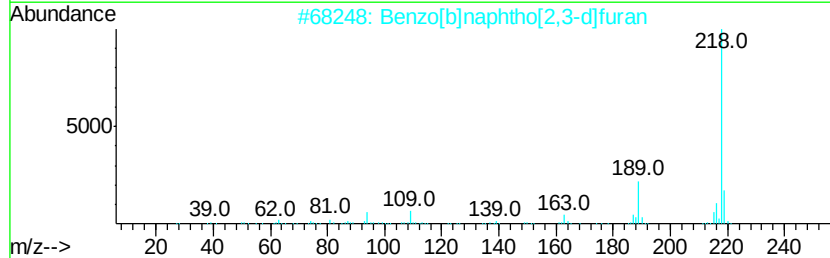
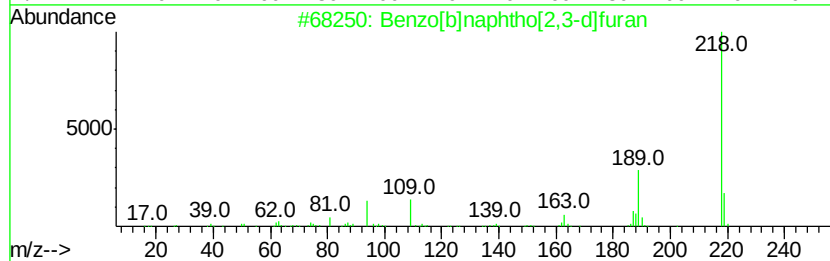
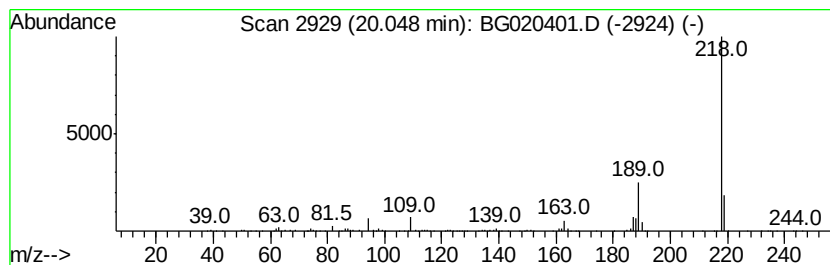
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzo[b]naphtho[2,3-d]furan Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.45 ng/ul	451968	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
2		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
3		Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	91
4		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
5		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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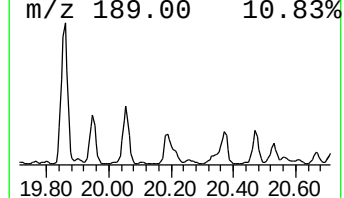
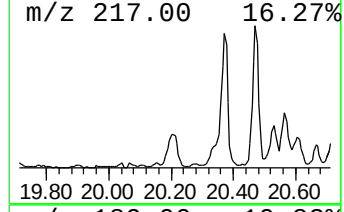
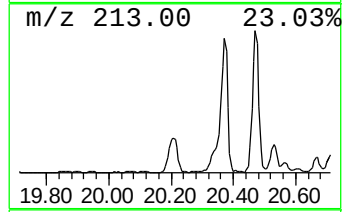
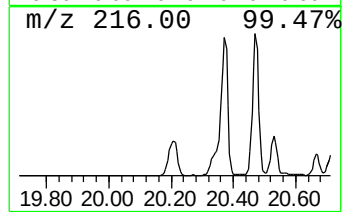
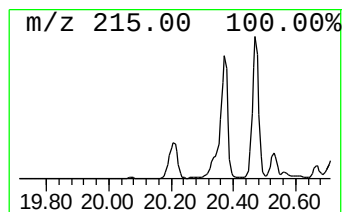
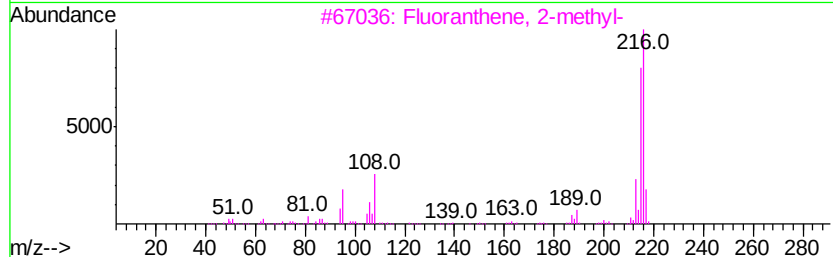
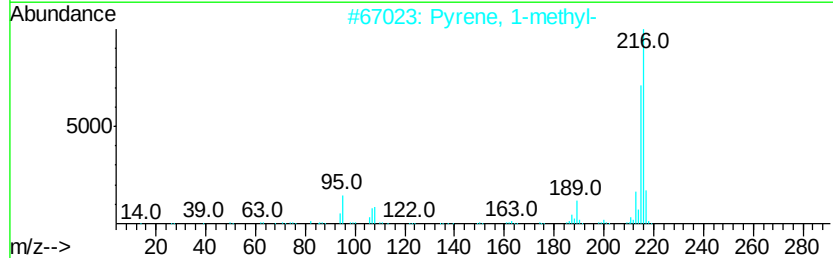
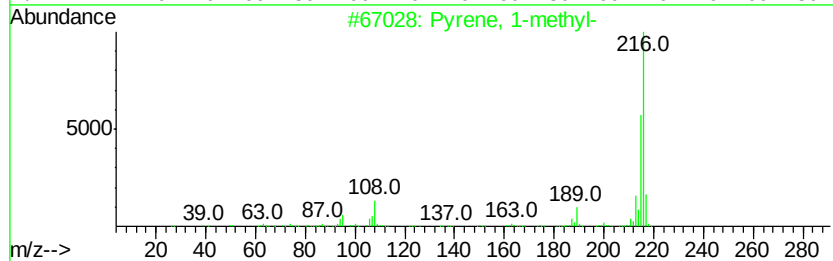
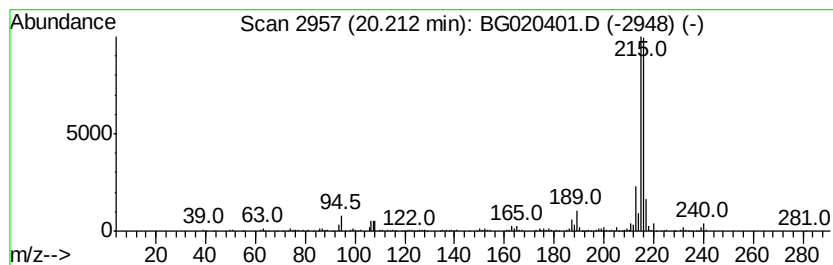
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	5.56 ng/ul	728307	Chrysene-d12	21.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
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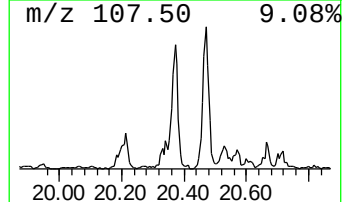
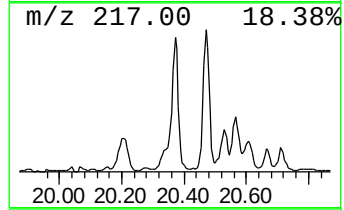
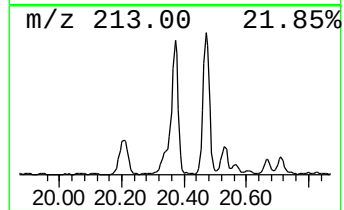
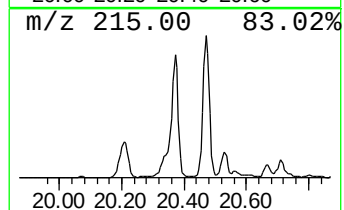
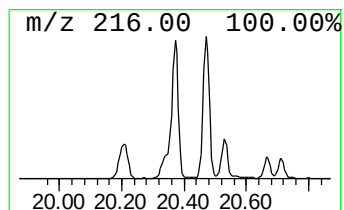
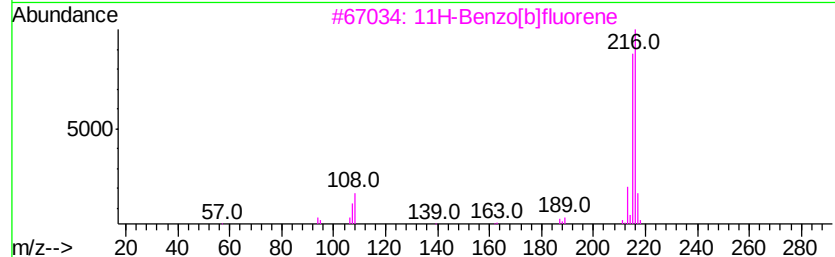
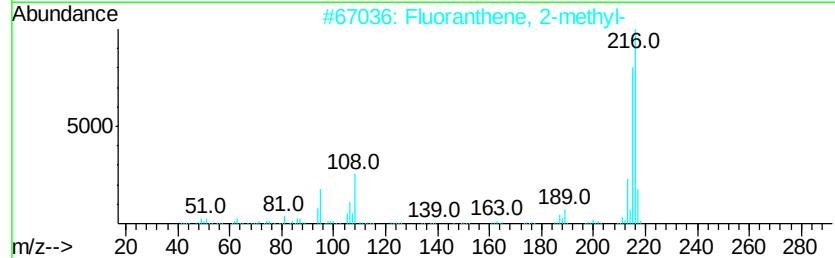
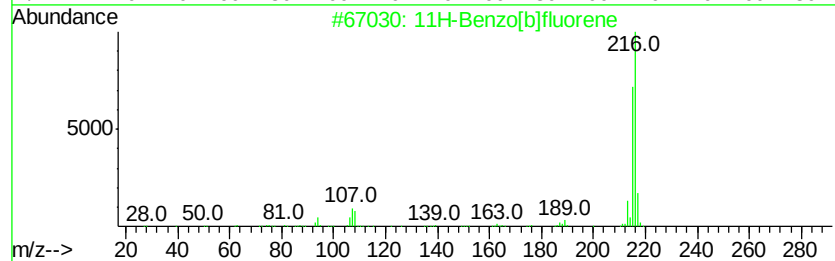
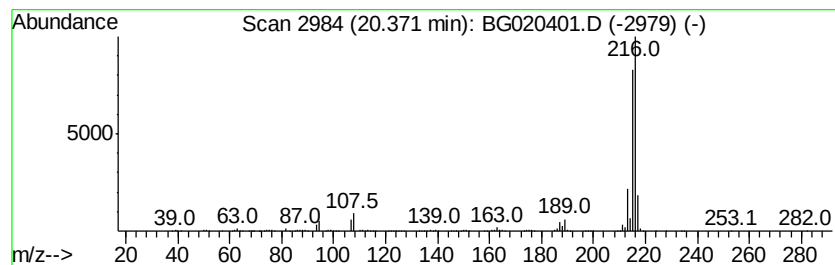
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	9.89 ng/ul	1296850	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
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Operator : UM/SJ
Sample : G4848-05DL 30X
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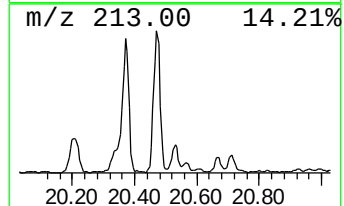
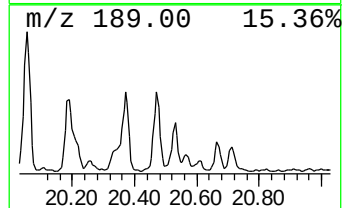
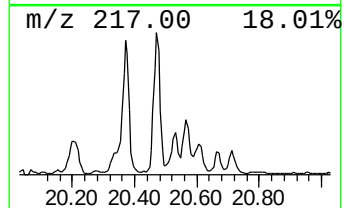
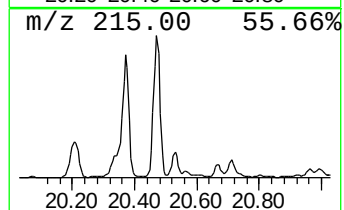
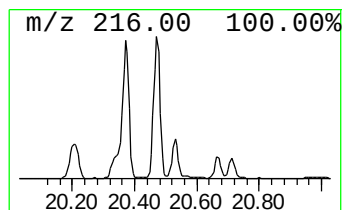
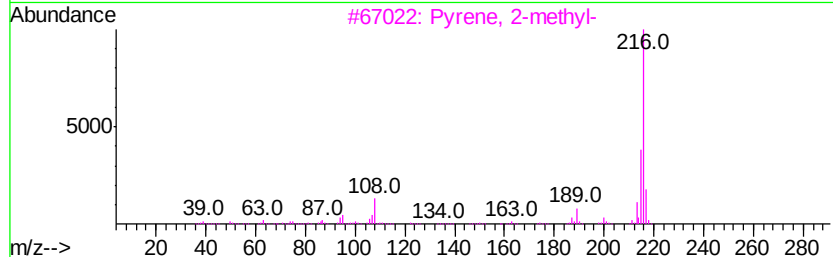
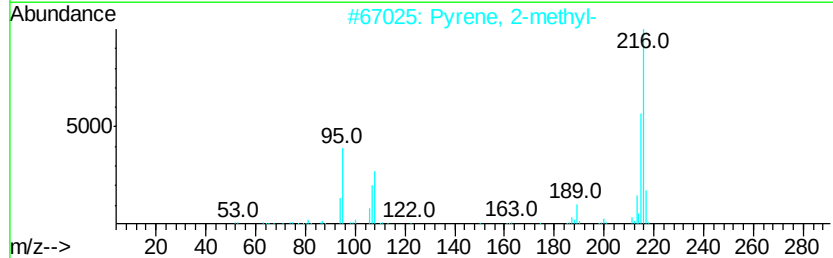
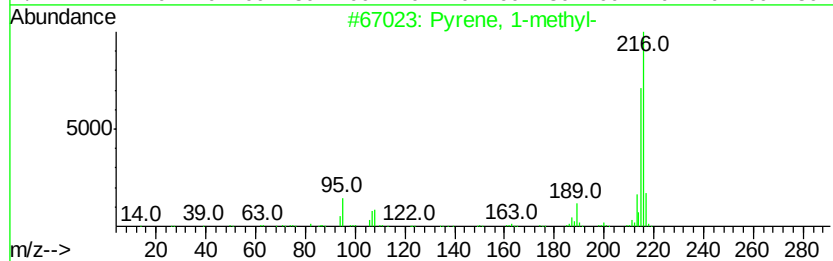
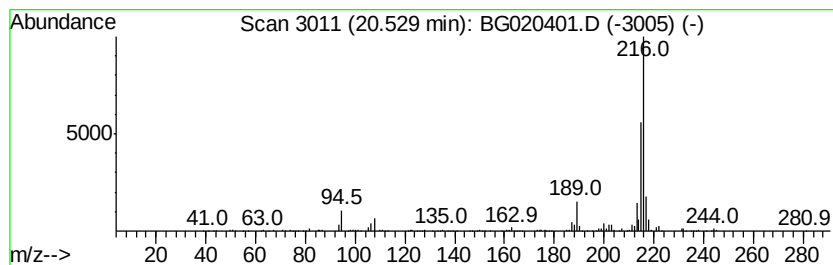
Instrument :
BNA_G
ClientSampleId :
D9N51DL

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Pyrene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	4.26 ng/ul	557924	Chrysene-d12	21.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216 C17H12	003442-78-2	94
3	Pyrene, 2-methyl-	216 C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216 C17H12	002381-21-7	91
5	Pyrene, 1-methyl-	216 C17H12	002381-21-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020401.D
 Acq On : 22 Dec 2015 6:49
 Operator : UM/SJ
 Sample : G4848-05DL 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indene	8.63	20.0	ng/ul	283067	1	8.09	283067	20.0
Benzene, 2-etheny...	10.30	18.7	ng/ul	108468	2	10.92	115940	20.0
Naphthalene, 1-me...	12.79	325.3	ng/ul	1885820	2	10.92	115940	20.0
Naphthalene, 1-et...	13.76	18.4	ng/ul	537106	3	14.72	583228	20.0
Naphthalene, 1,3-...	13.89	20.8	ng/ul	605076	3	14.72	583228	20.0
Naphthalene, 2,3-...	14.05	34.0	ng/ul	990283	3	14.72	583228	20.0
Naphthalene, 1,7-...	14.28	12.4	ng/ul	360148	3	14.72	583228	20.0
2-Naphthalenecarb...	14.86	9.1	ng/ul	264229	3	14.72	583228	20.0
Naphthalene, 2-(1...	14.93	7.5	ng/ul	218211	3	14.72	583228	20.0
1-Isopropenyl naph...	15.03	11.2	ng/ul	327887	3	14.72	583228	20.0
Naphthalene, 2,3,...	15.19	7.3	ng/ul	214101	3	14.72	583228	20.0
Naphthalene, 1,6,...	15.34	6.6	ng/ul	192959	3	14.72	583228	20.0
Naphthalene, 1,4,...	15.54	4.2	ng/ul	122107	3	14.72	583228	20.0
Benzeneethanol, ...	15.93	30.7	ng/ul	895662	3	14.72	583228	20.0
Naphthalene, 1-(2...	15.98	7.4	ng/ul	215122	3	14.72	583228	20.0
Acetamide, N-cycl...	16.02	15.6	ng/ul	453406	3	14.72	583228	20.0
Dibenzofuran, 4-m...	16.06	30.5	ng/ul	890297	3	14.72	583228	20.0
Phenanthrene, 1-m...	18.40	2.1	ng/ul	1615790	4	17.48	15269600	20.0
4H-Cyclopenta[def...	18.55	4.0	ng/ul	3045110	4	17.48	15269600	20.0
1,6-Dimethylphena...	19.77	3.0	ng/ul	391667	5	21.75	2621260	20.0
Benzo[b]naphtho[2...	20.05	3.5	ng/ul	451968	5	21.75	2621260	20.0
Pyrene, 1-methyl-	20.21	5.6	ng/ul	728307	5	21.75	2621260	20.0
11H-Benzo[b]fluorene	20.37	9.9	ng/ul	1296850	5	21.75	2621260	20.0
Pyrene, 2-methyl-	20.53	4.3	ng/ul	557924	5	21.75	2621260	20.0