

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020542.D
 Acq On : 26 Dec 2015 16:09
 Operator : UM/SJ
 Sample : G4802-21
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D96

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-BG122415.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	7.233	741	748	756	rBV	40918	71808	4.89%	0.418%
2	7.397	770	776	784	rBV	32221	54880	3.74%	0.319%
3	7.603	805	811	819	rBV	42152	71130	4.85%	0.414%
4	8.079	885	892	899	rVB	58511	100576	6.85%	0.585%
5	8.614	977	983	993	rBB	47891	81148	5.53%	0.472%
6	8.784	1005	1012	1022	rBV2	55182	94319	6.42%	0.548%
7	9.248	1084	1091	1102	rBB	41200	77183	5.26%	0.449%
8	9.971	1208	1214	1223	rVB	38339	65897	4.49%	0.383%
9	10.312	1263	1272	1279	rBV4	35887	89922	6.13%	0.523%
10	10.388	1279	1285	1289	rBV2	36371	68965	4.70%	0.401%
11	10.511	1300	1306	1315	rBV	57245	100293	6.83%	0.583%
12	10.893	1364	1371	1375	rVV	90190	160117	10.91%	0.931%
13	10.946	1375	1380	1386	rVB	68361	120334	8.20%	0.700%
14	11.028	1386	1394	1405	rBV2	42461	87208	5.94%	0.507%
15	12.762	1677	1689	1700	rBV	430209	712865	48.56%	4.145%
16	13.543	1811	1822	1827	rVV	96993	151036	10.29%	0.878%
17	13.766	1855	1860	1866	rVB3	19890	36119	2.46%	0.210%
18	13.872	1871	1878	1879	rBV	112652	155259	10.58%	0.903%
19	14.031	1897	1905	1911	rBV	211817	385020	26.23%	2.239%
20	14.107	1911	1918	1923	rVV	128918	222939	15.19%	1.296%
21	14.160	1923	1927	1933	rVB	44818	72299	4.92%	0.420%
22	14.266	1939	1945	1949	rBV	106039	164488	11.20%	0.956%
23	14.301	1949	1951	1961	rVB	32069	42264	2.88%	0.246%
24	14.407	1961	1969	1972	rBV	145237	266342	18.14%	1.549%
25	14.677	2008	2015	2017	rBV	54336	82620	5.63%	0.480%
26	14.712	2017	2021	2026	rVV2	162902	252059	17.17%	1.466%
27	14.777	2026	2032	2039	rVV	273908	434789	29.62%	2.528%
28	14.912	2049	2055	2065	rBV3	56601	123098	8.38%	0.716%
29	15.106	2076	2088	2095	rBV3	72635	144860	9.87%	0.842%
30	15.176	2095	2100	2108	rVB	53479	84662	5.77%	0.492%
31	15.317	2117	2124	2130	rBV2	49901	122585	8.35%	0.713%
32	15.376	2130	2134	2138	rVB	37640	52268	3.56%	0.304%
33	15.494	2146	2154	2157	rBV3	35554	81239	5.53%	0.472%
34	15.529	2157	2160	2164	rVB2	27682	34903	2.38%	0.203%

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35	15.582	2164	2169	2174	rBV2	55631	82865	5.64%	0.482%
36	15.705	2185	2190	2194	rVV	223649	338035	23.03%	1.966%
37	15.758	2194	2199	2208	rVB2	237722	405587	27.63%	2.358%
38	15.829	2208	2211	2216	rBV2	24786	45808	3.12%	0.266%
39	15.964	2230	2234	2240	rVB2	24015	40113	2.73%	0.233%
40	16.046	2242	2248	2253	rBV3	21566	41537	2.83%	0.242%
41	16.169	2262	2269	2281	rBV2	72057	159999	10.90%	0.930%
42	16.422	2304	2312	2322	rBV6	39646	82520	5.62%	0.480%
43	16.757	2361	2369	2374	rVV2	69830	177001	12.06%	1.029%
44	16.810	2374	2378	2383	rVV	60149	94292	6.42%	0.548%
45	16.910	2390	2395	2399	rVV	44960	72748	4.96%	0.423%
46	17.027	2412	2415	2420	rVV4	20611	36896	2.51%	0.215%
47	17.115	2426	2430	2438	rVV2	31054	55975	3.81%	0.325%
48	17.186	2438	2442	2447	rVV5	15955	29114	1.98%	0.169%
49	17.274	2447	2457	2463	rVB	90446	164168	11.18%	0.955%
50	17.456	2482	2488	2491	rBV	204355	321972	21.93%	1.872%
51	17.503	2491	2496	2501	rVV	983332	1468082	100.00%	8.536%
52	17.556	2501	2505	2508	rVV	214004	329869	22.47%	1.918%
53	17.591	2508	2511	2516	rVV	219995	321964	21.93%	1.872%
54	17.638	2516	2519	2525	rVV5	27255	58898	4.01%	0.342%
55	17.862	2553	2557	2564	rBV3	17864	39541	2.69%	0.230%
56	17.973	2572	2576	2579	rVB	25800	32960	2.25%	0.192%
57	18.038	2582	2587	2592	rBV2	56457	79920	5.44%	0.465%
58	18.185	2606	2612	2618	rVB2	34899	70729	4.82%	0.411%
59	18.332	2632	2637	2641	rVV	199840	301104	20.51%	1.751%
60	18.379	2641	2645	2654	rVV	218226	326740	22.26%	1.900%
61	18.461	2654	2659	2664	rVV	85483	126556	8.62%	0.736%
62	18.525	2664	2670	2674	rVV3	227997	474773	32.34%	2.761%
63	18.561	2674	2676	2682	rVB	139017	183376	12.49%	1.066%
64	18.825	2716	2721	2725	rVV	98062	137748	9.38%	0.801%
65	18.878	2725	2730	2739	rVB4	19421	49455	3.37%	0.288%
66	19.066	2759	2762	2766	rVB2	29383	38341	2.61%	0.223%
67	19.119	2767	2771	2774	rBV	28397	35304	2.40%	0.205%
68	19.154	2774	2777	2782	rVB2	23067	31326	2.13%	0.182%
69	19.236	2786	2791	2796	rBV2	107597	181478	12.36%	1.055%
70	19.307	2796	2803	2806	rBV3	47277	101317	6.90%	0.589%
71	19.377	2811	2815	2817	rBV2	24114	38441	2.62%	0.224%

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72	19.507	2831	2837	2842	rBV	356862	505809	34.45%	2.941%
73	19.601	2850	2853	2857	rVB3	24941	32262	2.20%	0.188%
74	19.654	2857	2862	2867	rBV	109680	160488	10.93%	0.933%
75	19.748	2872	2878	2880	rBV3	19500	36756	2.50%	0.214%
76	19.771	2880	2882	2888	rVB	24656	31971	2.18%	0.186%
77	19.842	2888	2894	2896	rBV	301293	445755	30.36%	2.592%
78	19.871	2896	2899	2906	rVV	513813	707896	48.22%	4.116%
79	19.936	2906	2910	2915	rVB3	24772	40222	2.74%	0.234%
80	20.200	2948	2955	2960	rVB	49218	106948	7.28%	0.622%
81	20.353	2971	2981	2989	rVB	115071	284924	19.41%	1.657%
82	20.423	2989	2993	2995	rBV5	19825	30177	2.06%	0.175%
83	20.453	2995	2998	3004	rVV	85893	125078	8.52%	0.727%
84	20.517	3004	3009	3013	rVV	71866	95723	6.52%	0.557%
85	20.658	3029	3033	3036	rVV	60991	87703	5.97%	0.510%
86	20.699	3036	3040	3051	rVB	85246	150419	10.25%	0.875%
87	20.946	3078	3082	3085	rBV3	21502	36428	2.48%	0.212%
88	21.310	3140	3144	3147	rBV	28759	42548	2.90%	0.247%
89	21.346	3147	3150	3156	rVB2	66424	94015	6.40%	0.547%
90	21.733	3207	3216	3220	rBV2	331027	807089	54.98%	4.693%
91	21.780	3220	3224	3231	rVB	150056	264635	18.03%	1.539%
92	22.468	3333	3341	3348	rVV3	49418	130185	8.87%	0.757%
93	22.756	3385	3390	3392	rBV2	18148	28915	1.97%	0.168%
94	23.966	3589	3596	3603	rBV2	53083	187548	12.78%	1.091%
95	24.231	3635	3641	3650	rVB2	25808	68571	4.67%	0.399%
96	24.695	3713	3720	3726	rBV	44949	120471	8.21%	0.700%
97	24.777	3726	3734	3741	rVV	145255	423691	28.86%	2.464%
98	24.847	3741	3746	3758	rVB	97025	254468	17.33%	1.480%
99	25.006	3763	3773	3782	rBV	140062	412917	28.13%	2.401%
100	29.889	4596	4604	4605	rBV8	20469	42578	2.90%	0.248%

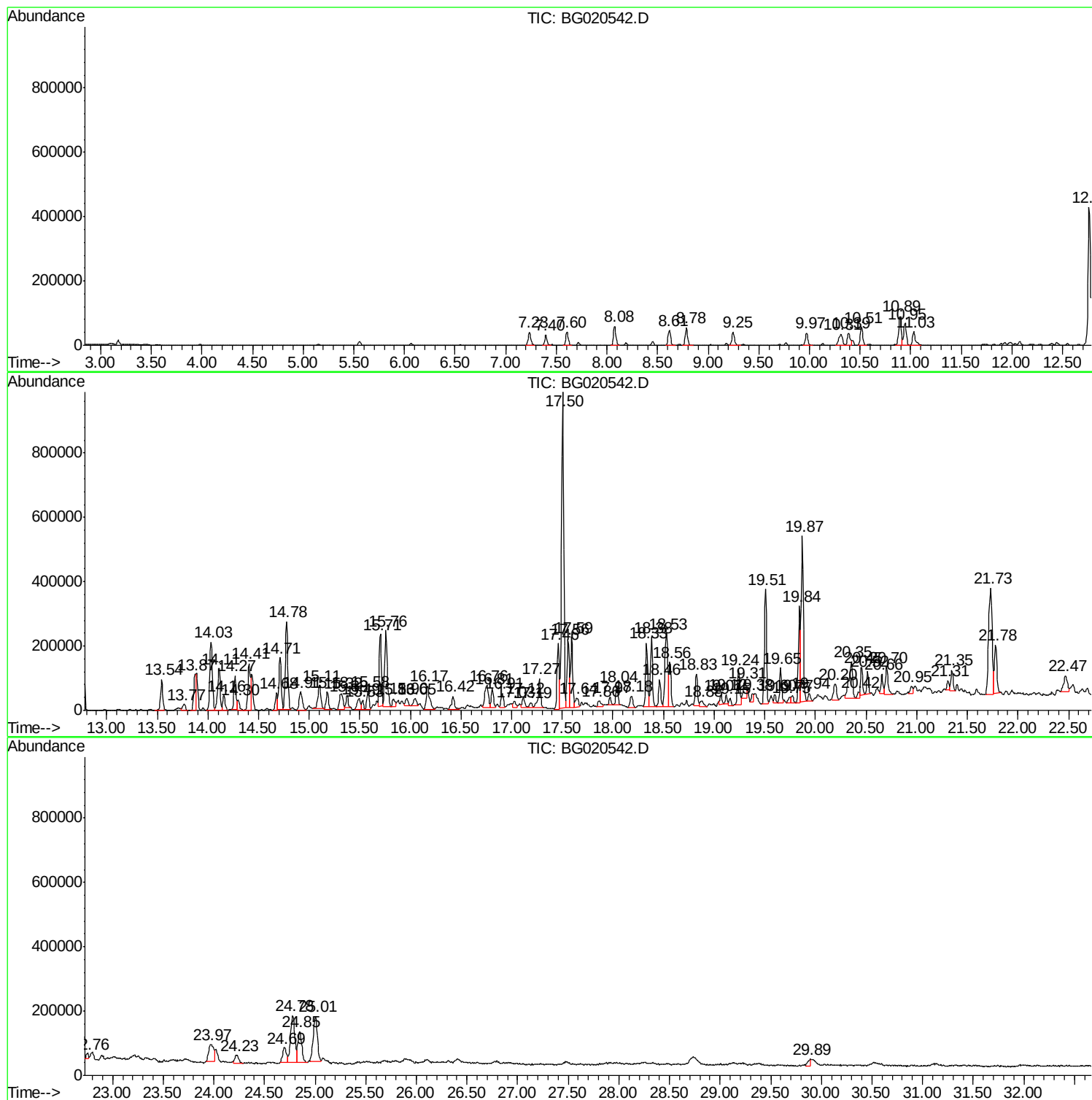
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



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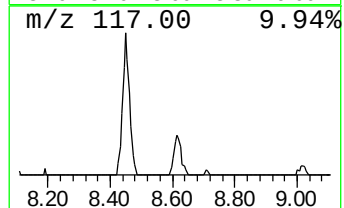
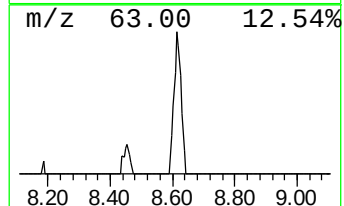
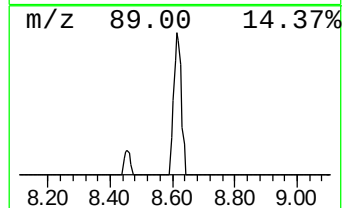
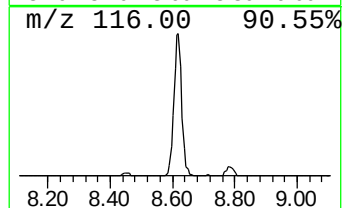
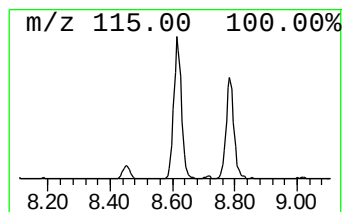
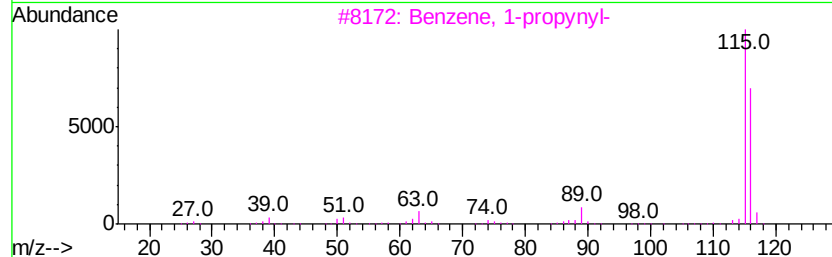
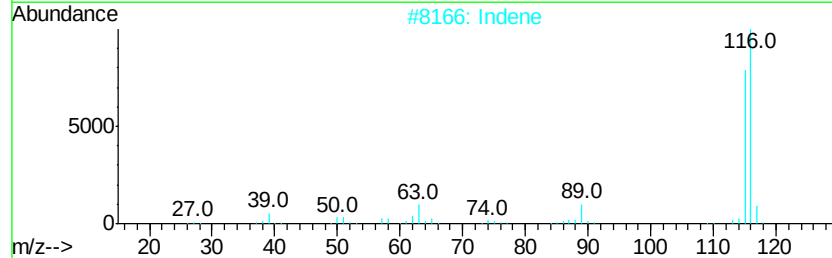
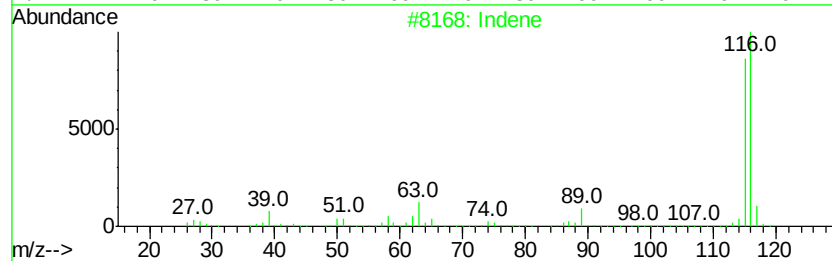
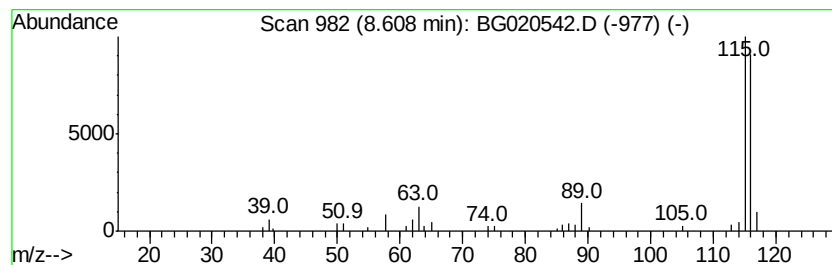
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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.
8.61	16.14 ng/ul	81148	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Indene	116	C9H8	000095-13-6	94
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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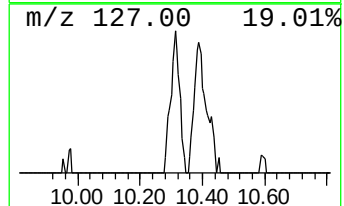
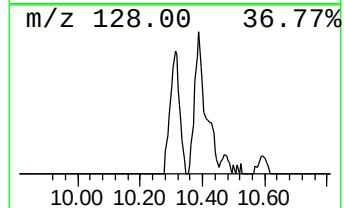
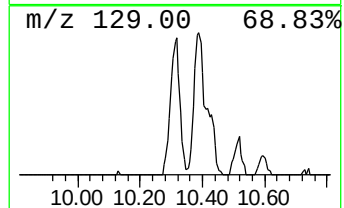
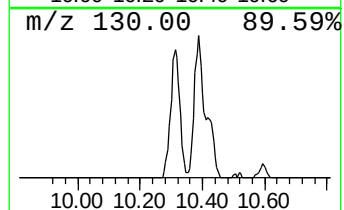
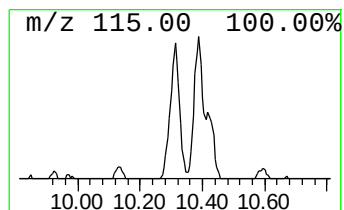
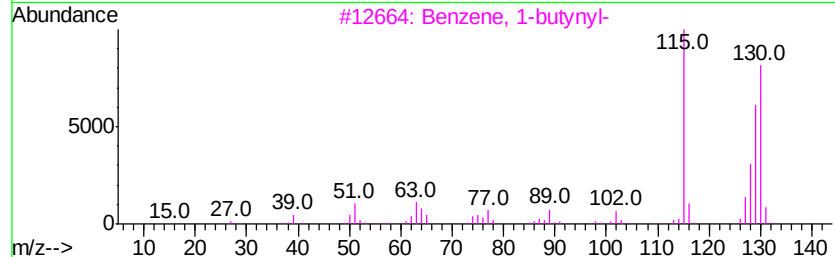
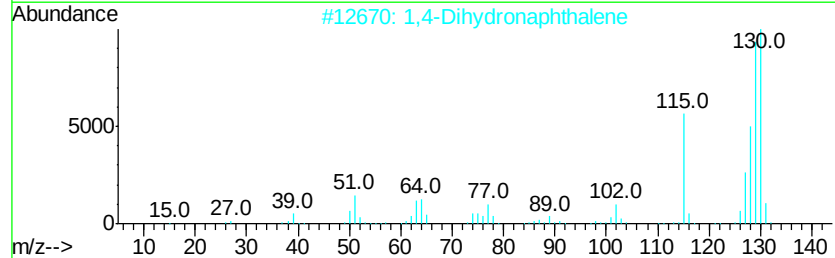
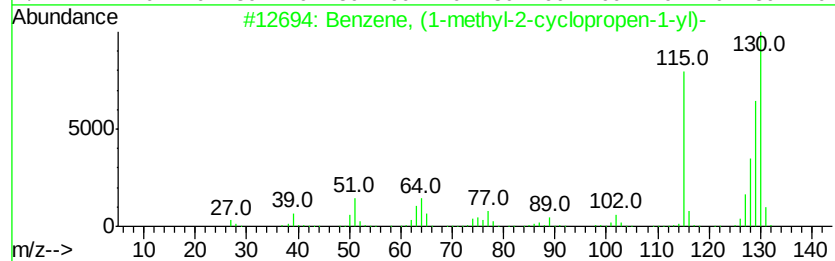
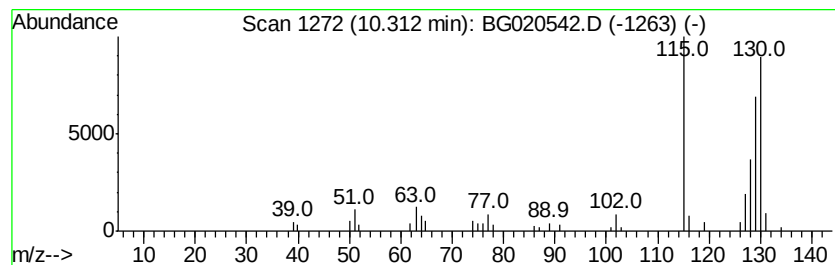
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methyl-2-cyclop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	11.23 ng/ul	89922	Naphthalene-d8	10.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
2		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
4		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90
5		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90



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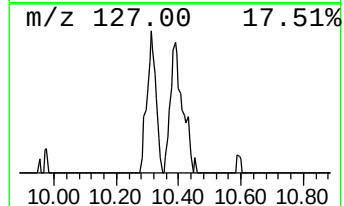
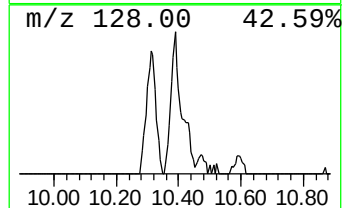
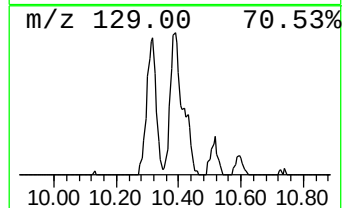
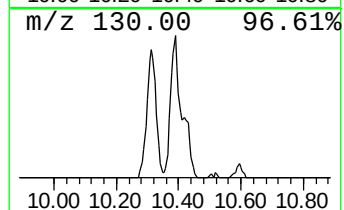
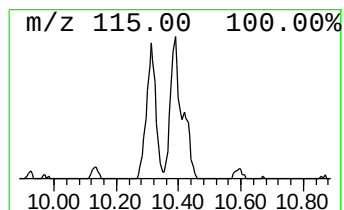
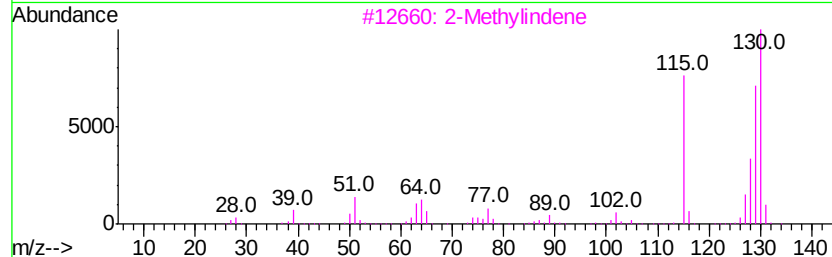
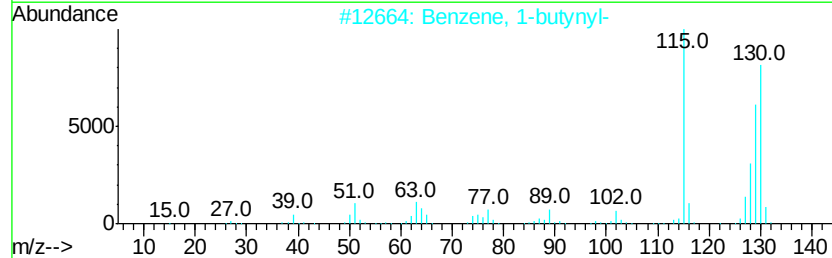
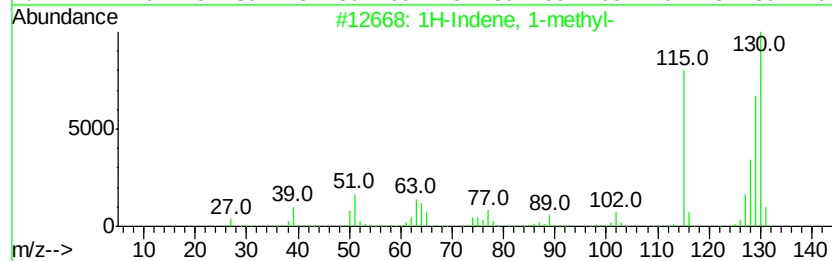
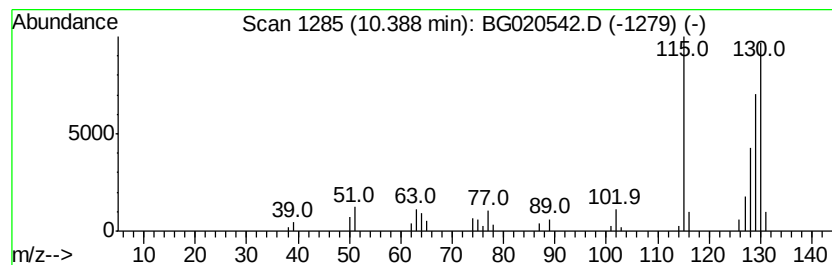
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Peak Number 3 1H-Indene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	8.61 ng/ul	68965	Naphthalene-d8	10.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2			Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3			2-Methylindene	130	C10H10	002177-47-1	94
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D96

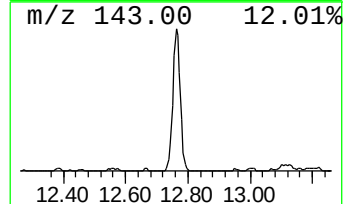
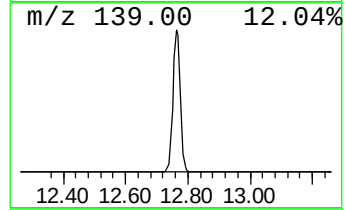
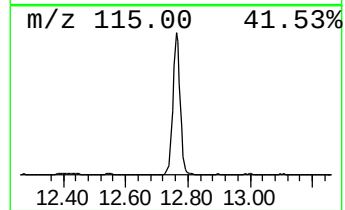
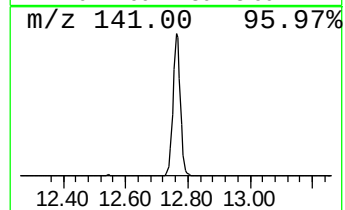
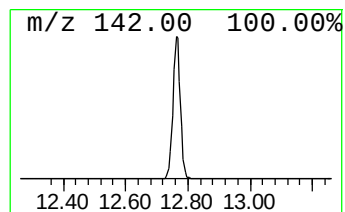
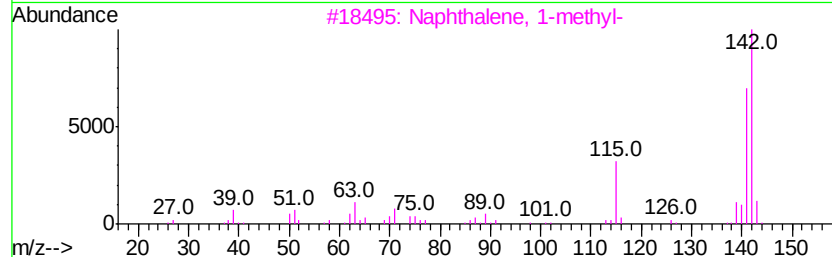
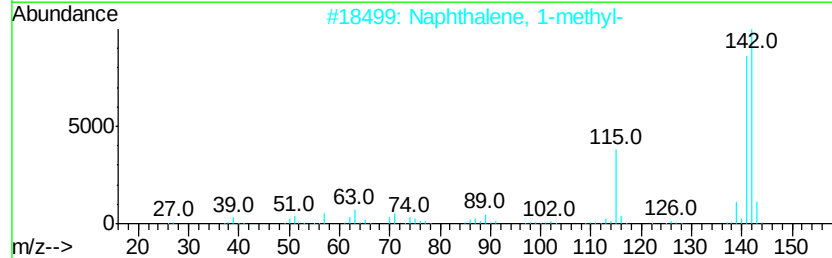
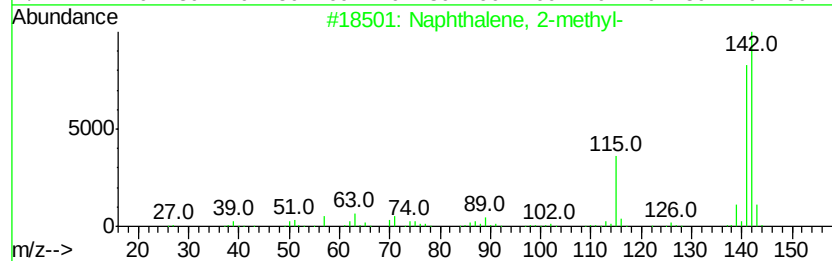
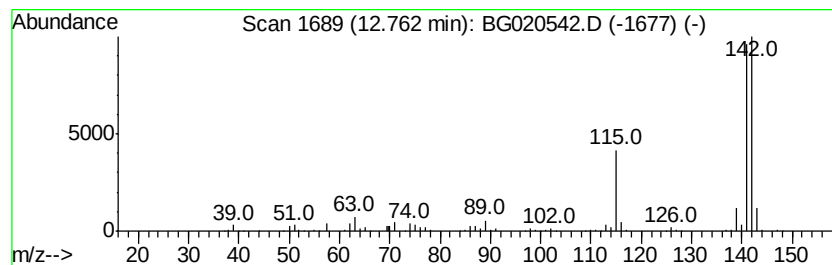
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	89.04 ng/ul	712865	Naphthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	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		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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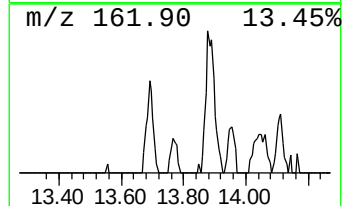
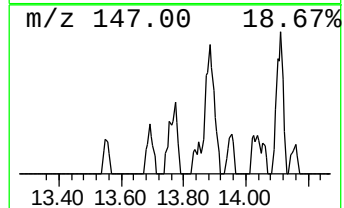
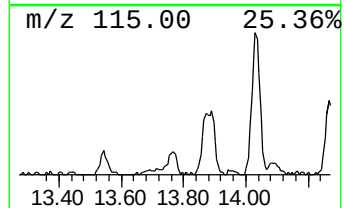
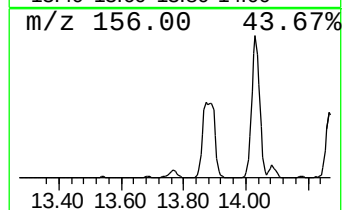
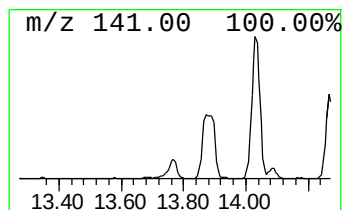
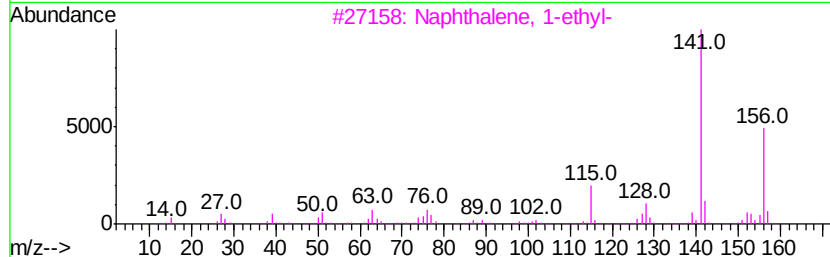
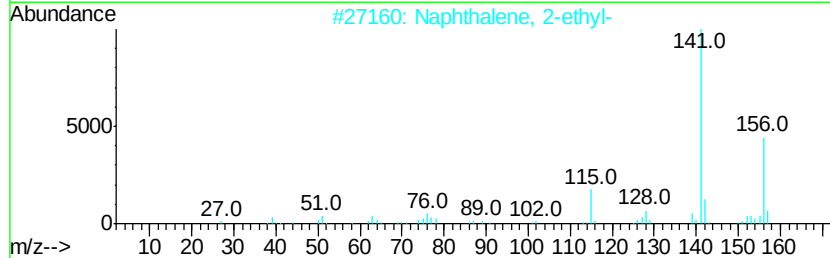
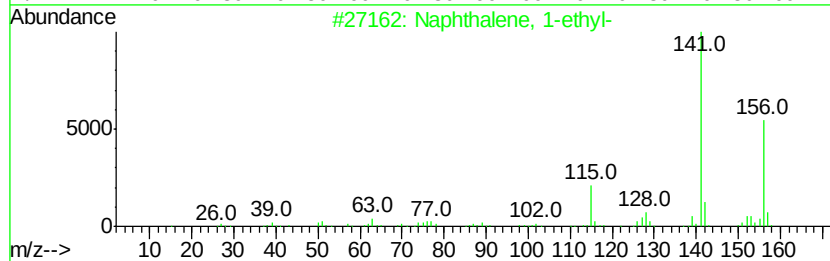
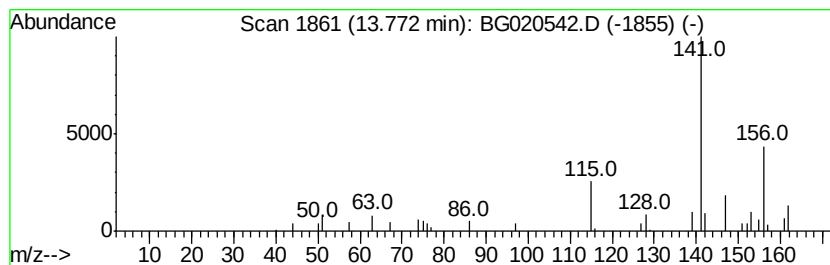
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.87 ng/ul	36119	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	80
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	74
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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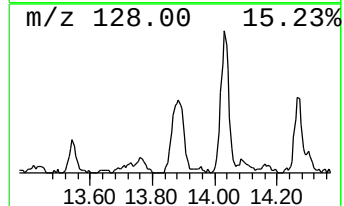
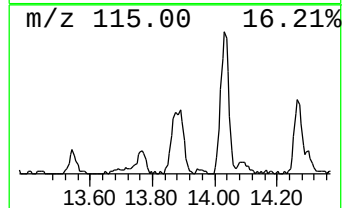
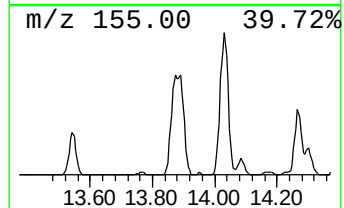
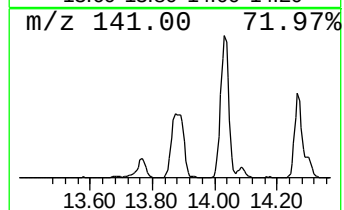
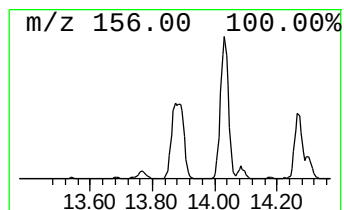
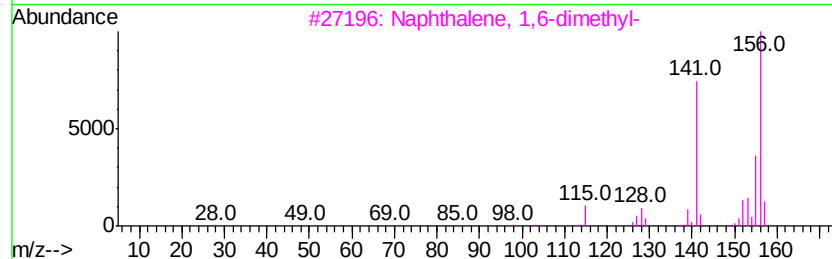
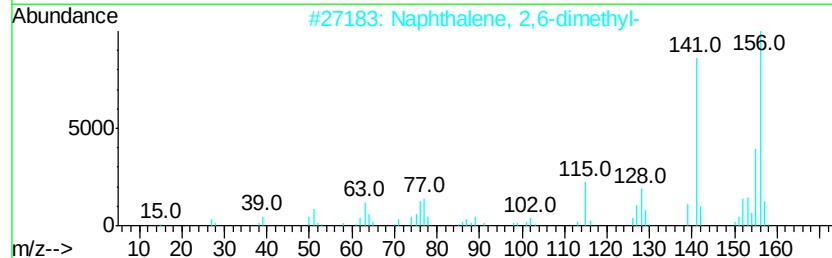
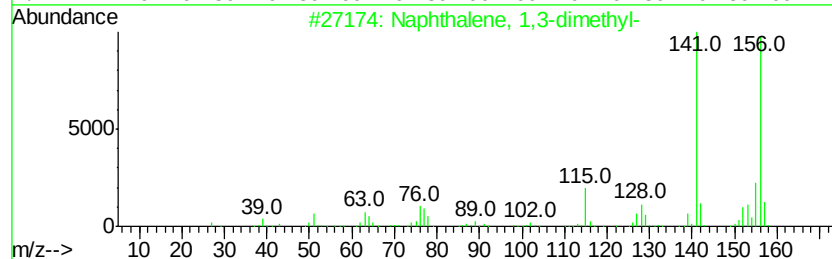
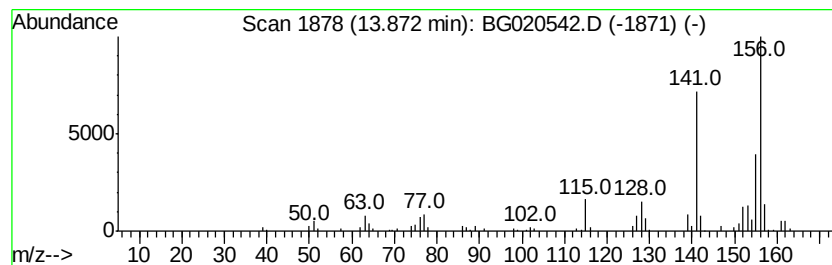
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	12.32 ng/ul	155259	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

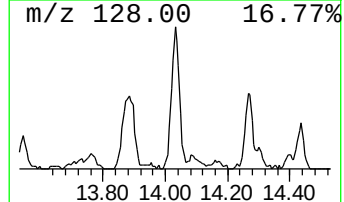
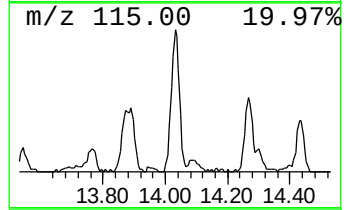
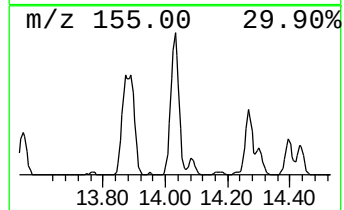
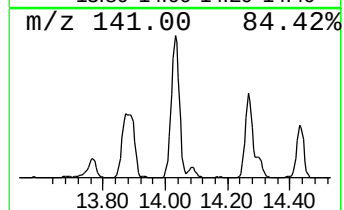
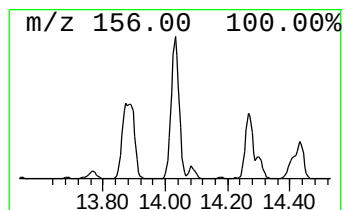
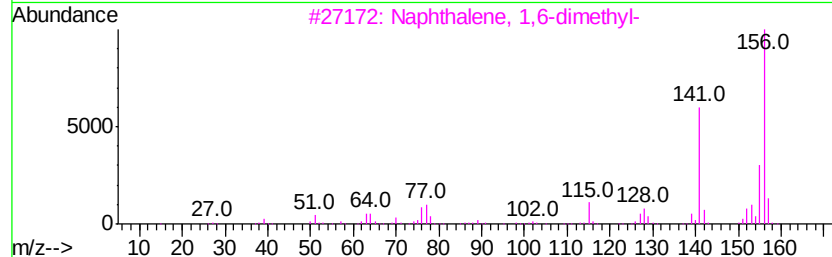
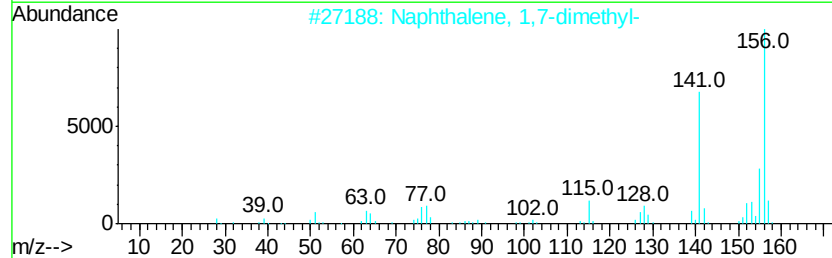
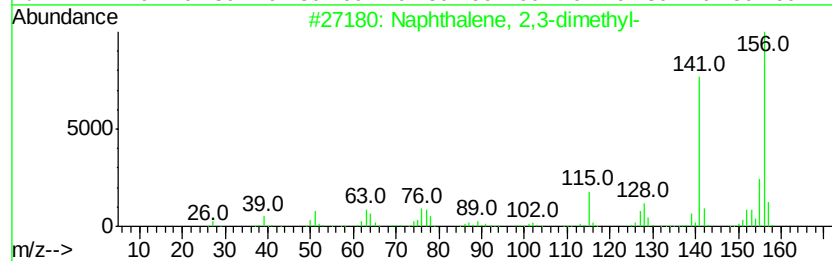
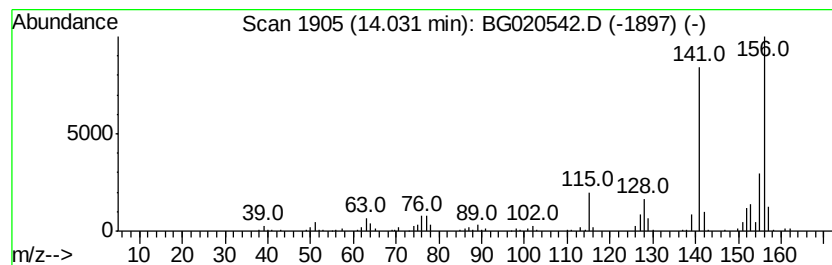
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	30.55 ng/ul	385020	Acenaphthene-d10	14.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
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Instrument :
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ClientSampleId :
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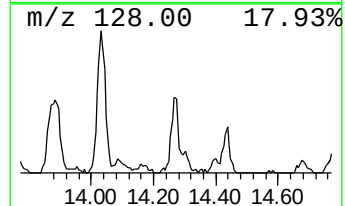
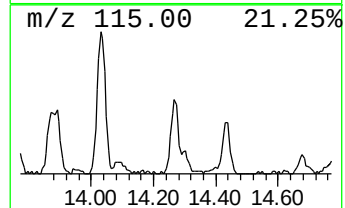
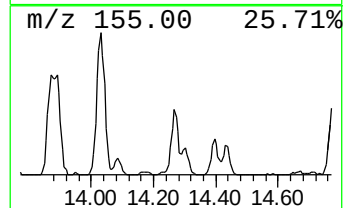
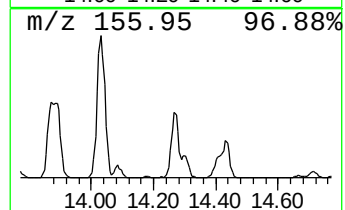
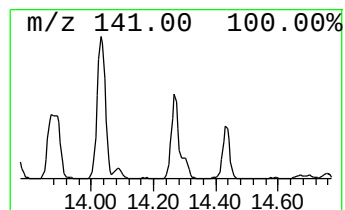
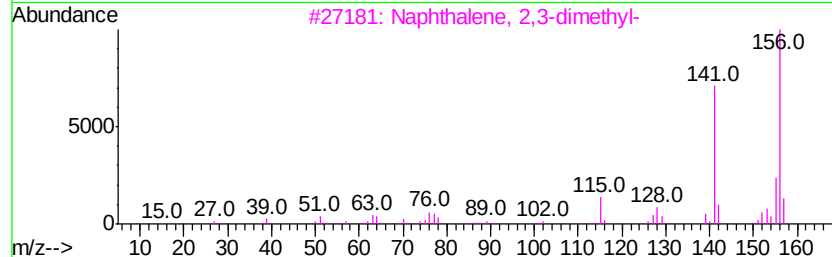
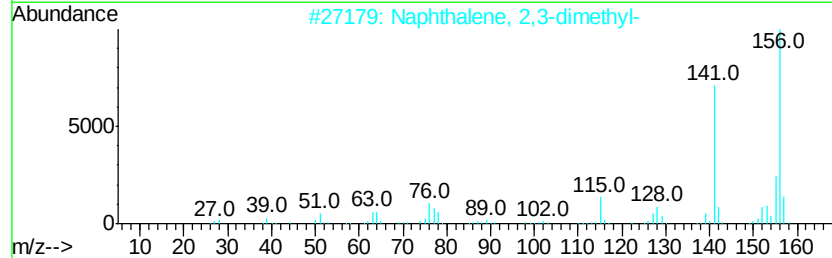
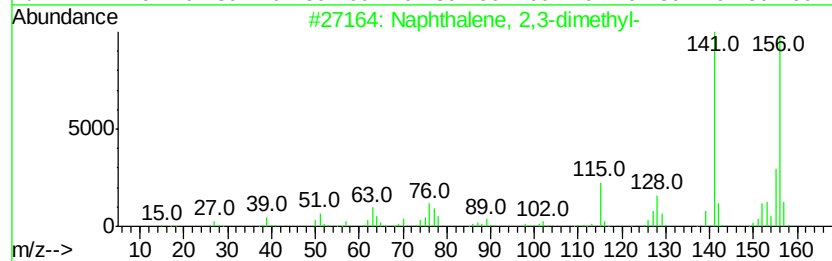
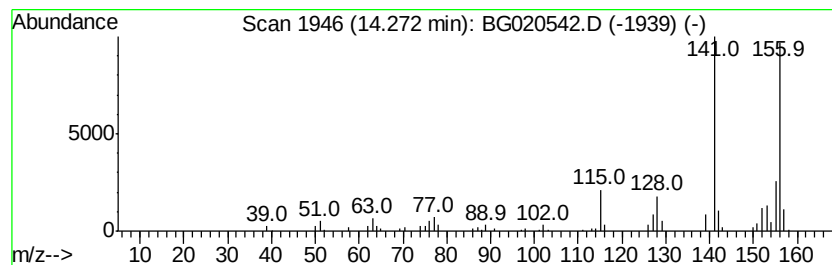
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	13.05 ng/ul	164488	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
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Misc :
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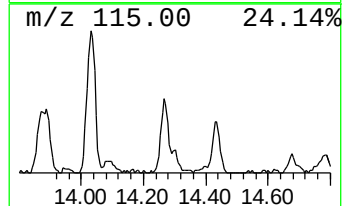
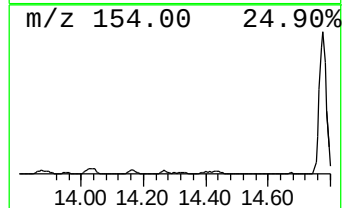
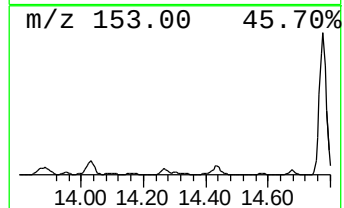
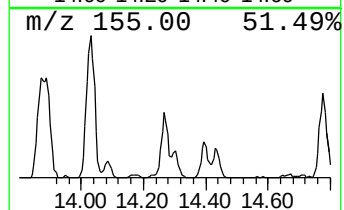
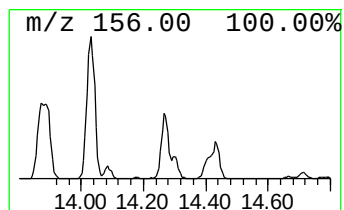
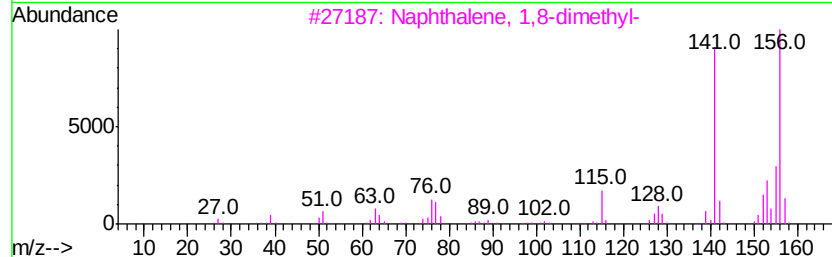
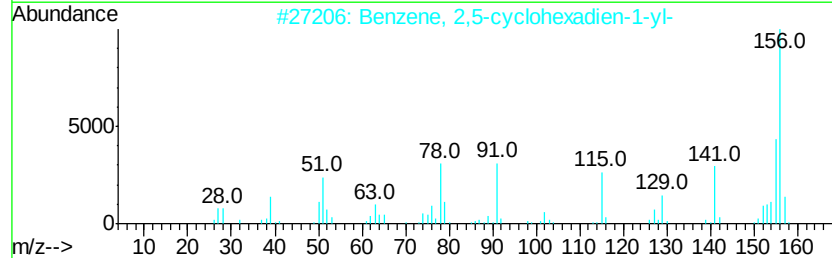
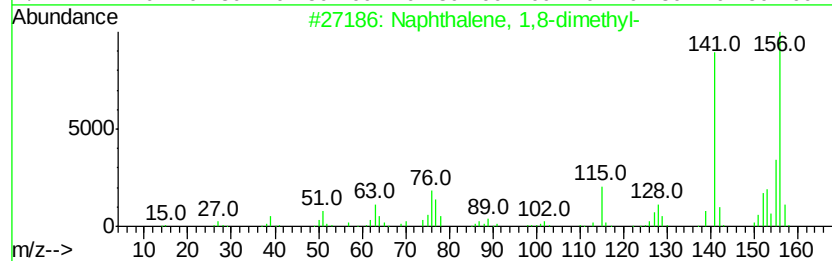
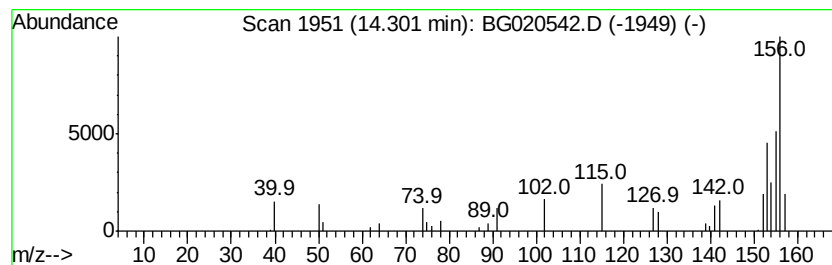
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.35 ng/ul	42264	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	49
2		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	47
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	47
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	47
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
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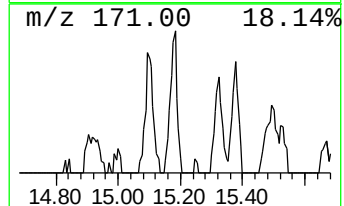
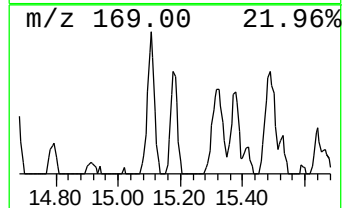
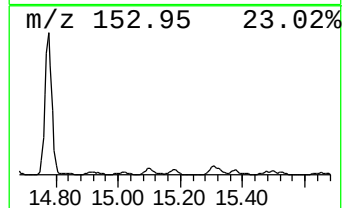
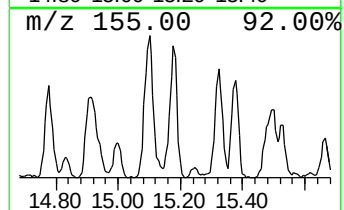
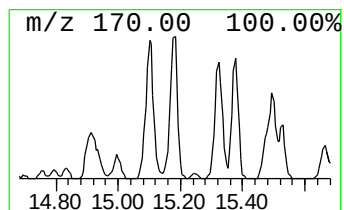
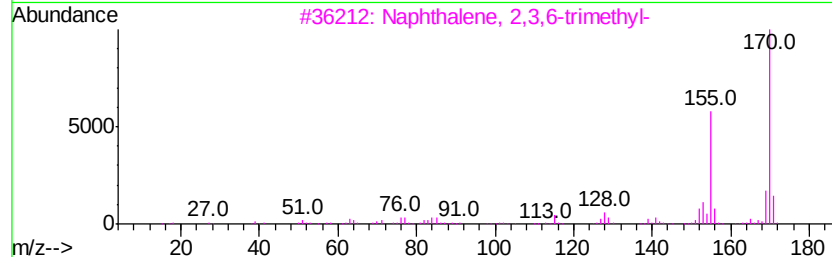
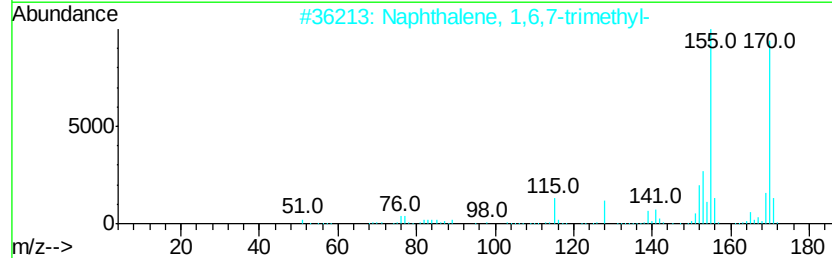
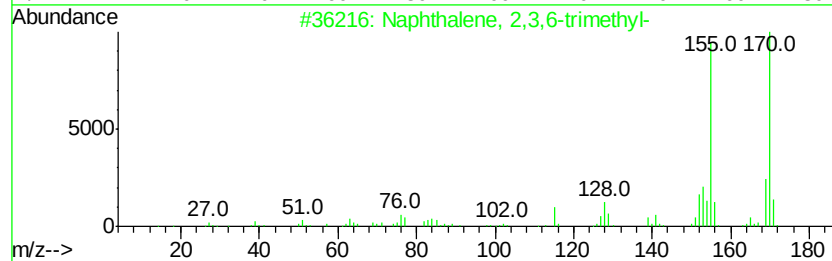
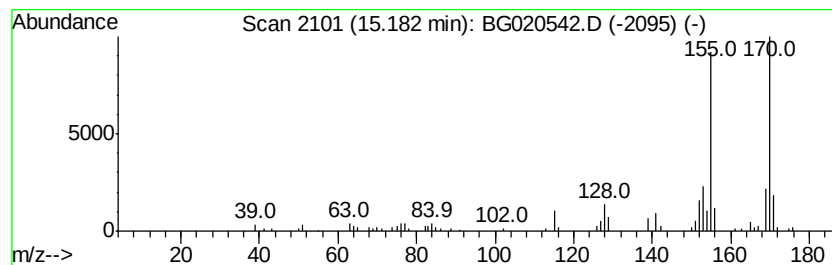
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.72 ng/ul	84662	Acenaphthene-d10	14.71

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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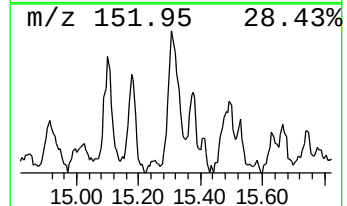
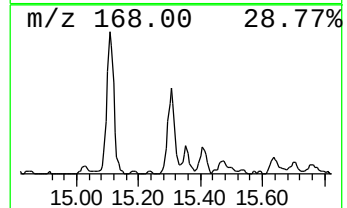
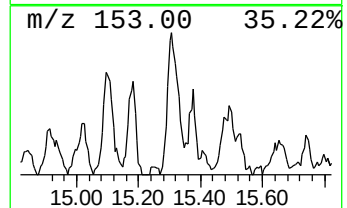
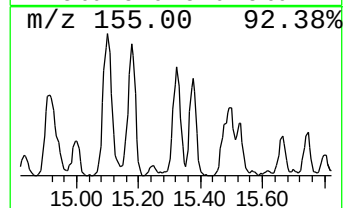
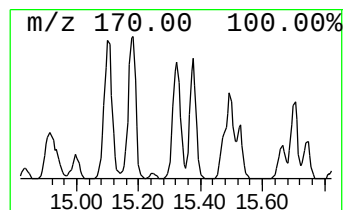
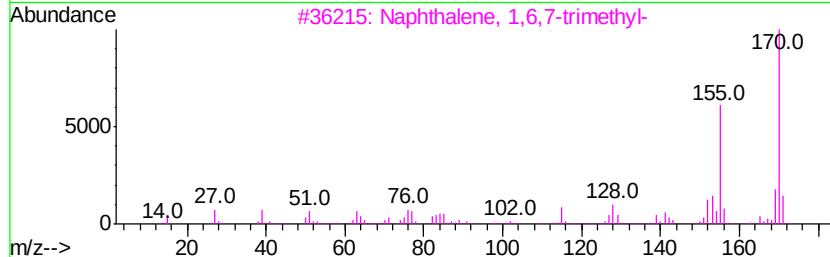
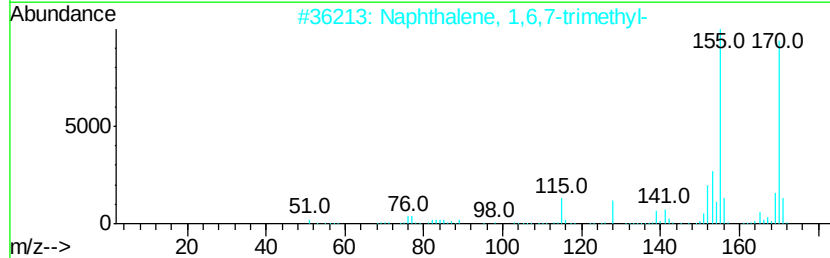
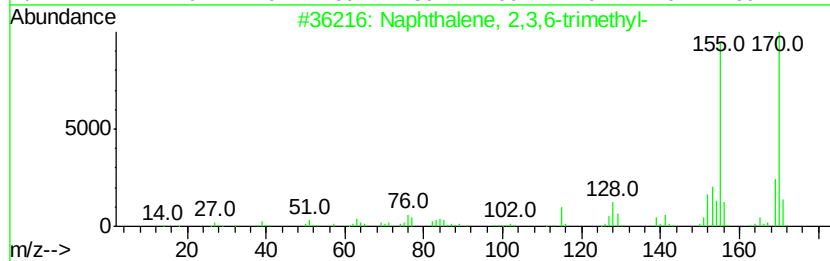
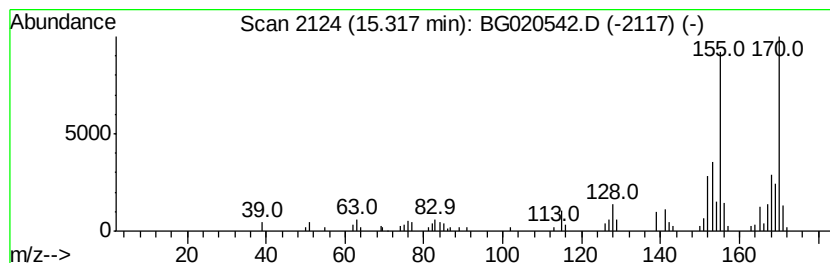
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	9.73 ng/ul	122585	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
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Sample : G4802-21
Misc :
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Instrument :
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ClientSampleId :
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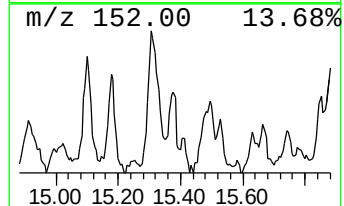
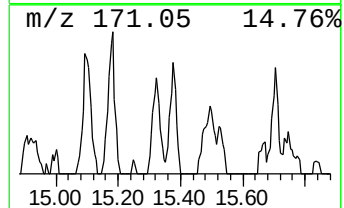
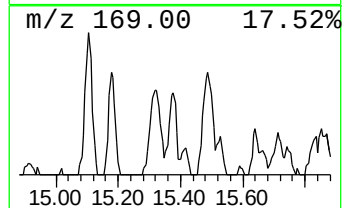
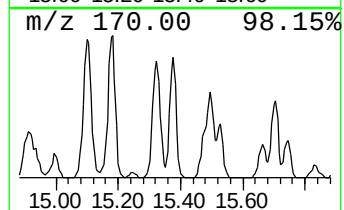
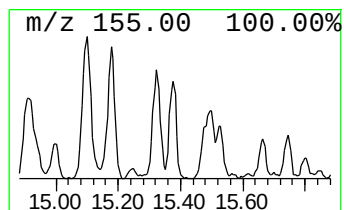
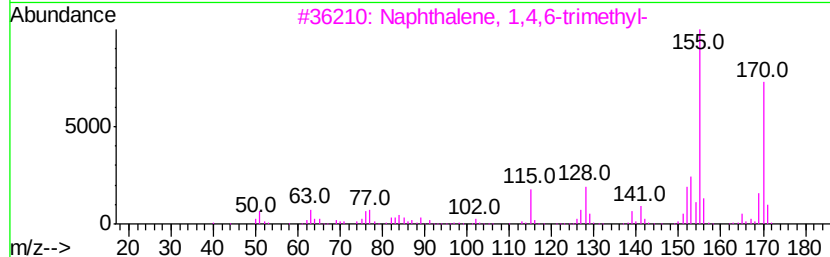
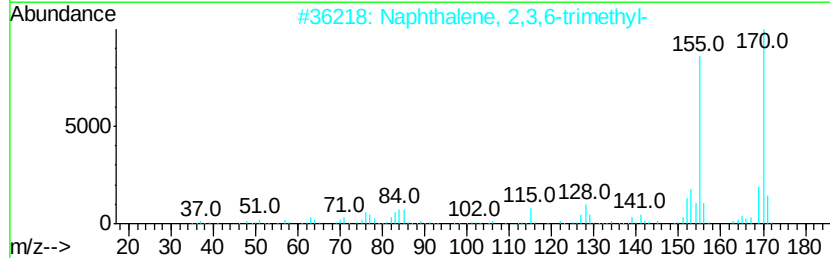
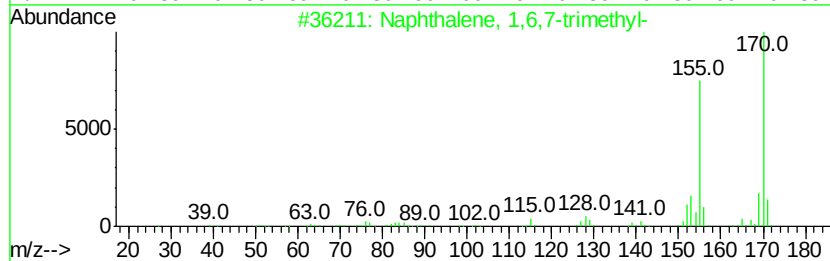
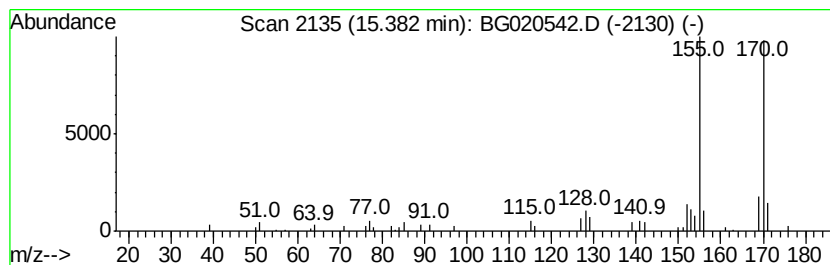
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	4.15 ng/ul	52268	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

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ClientSampleId :
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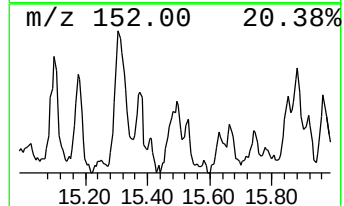
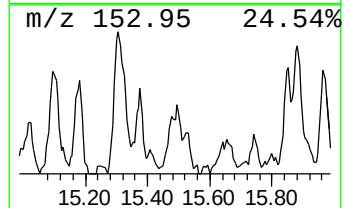
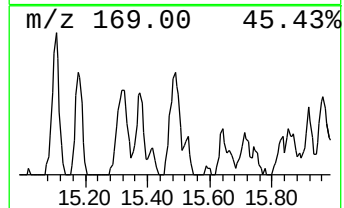
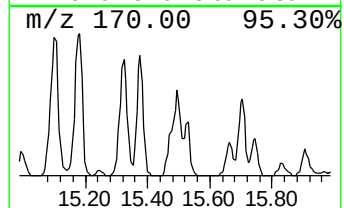
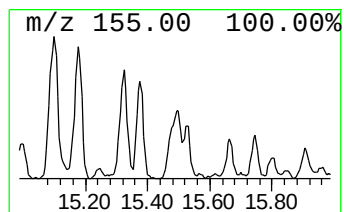
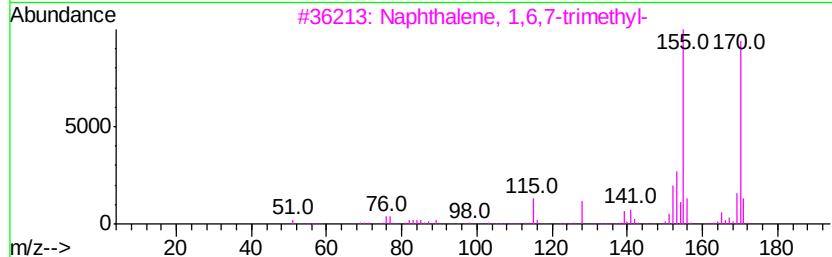
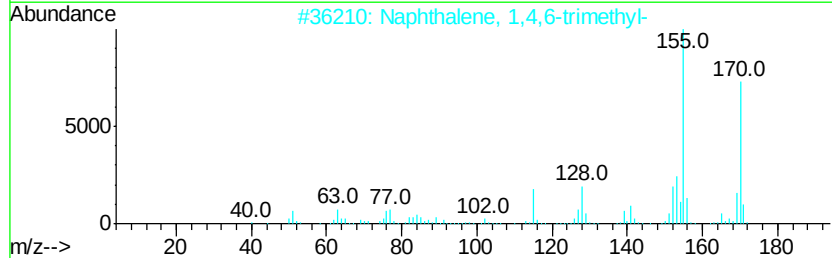
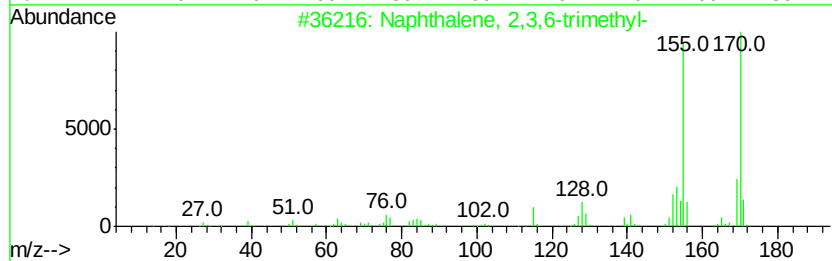
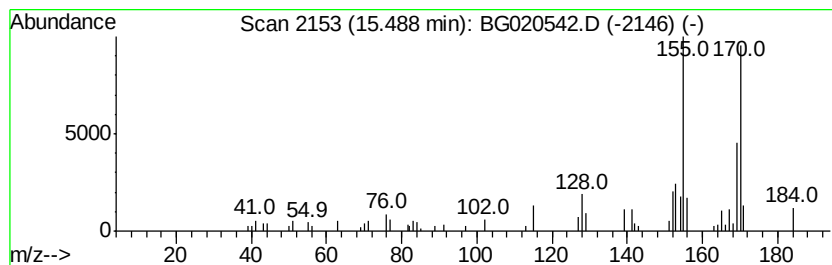
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,5-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	6.45 ng/ul	81239	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
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Instrument :
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ClientSampleId :
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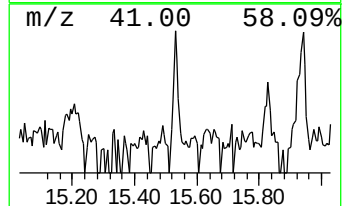
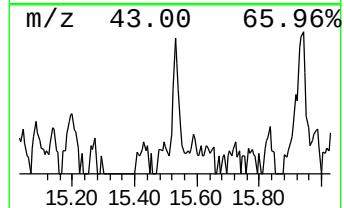
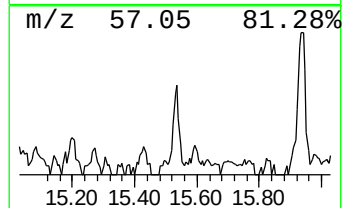
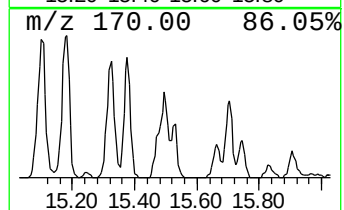
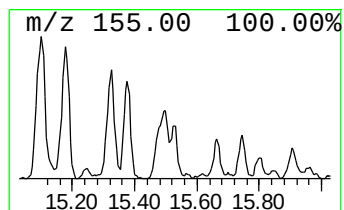
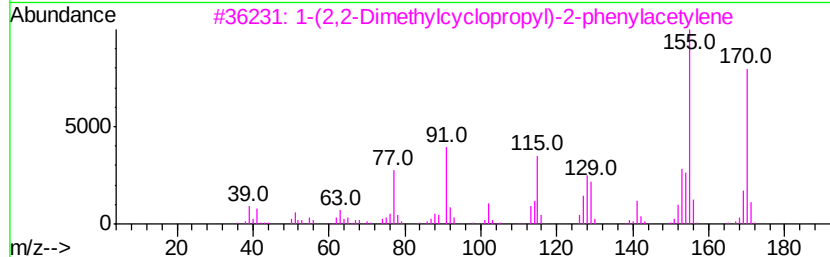
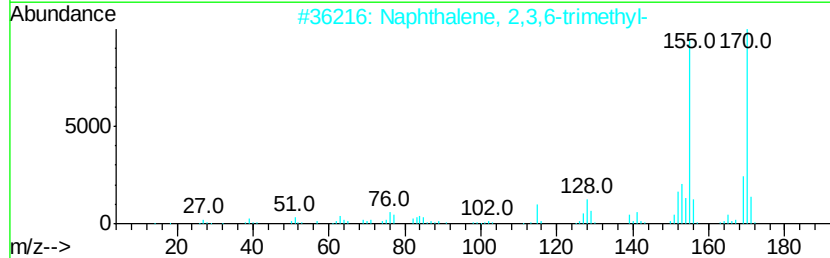
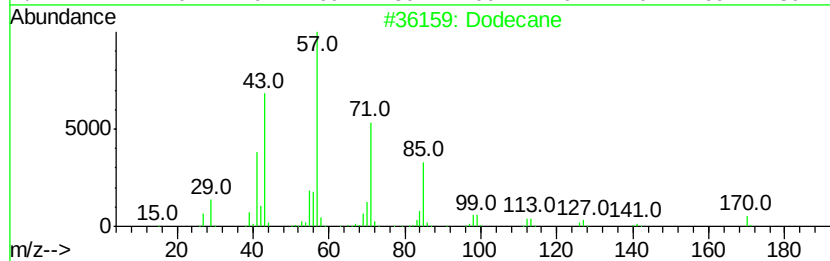
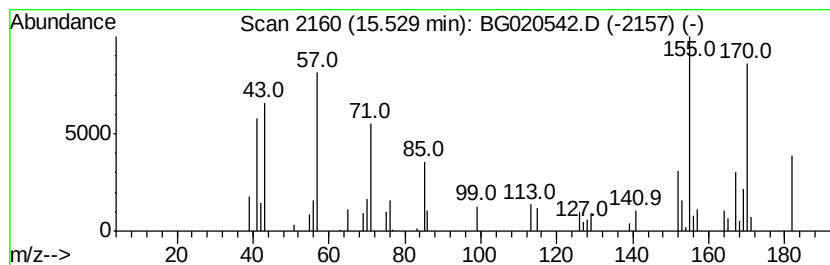
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.77 ng/ul	34903	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	49
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
3			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	43
4			Dodecane	170	C12H26	000112-40-3	38
5			Metharbital	198	C9H14N2O3	000050-11-3	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
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Misc :
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Instrument :
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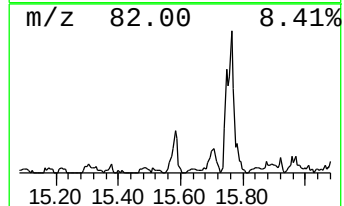
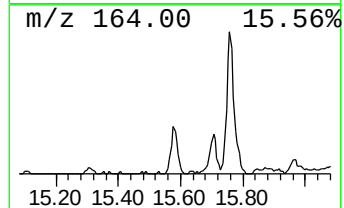
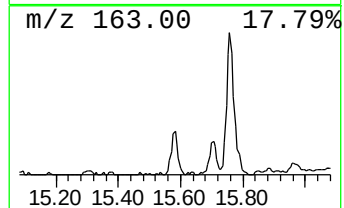
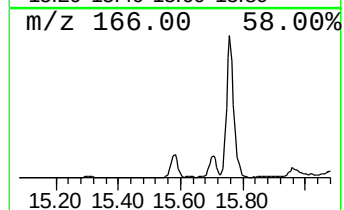
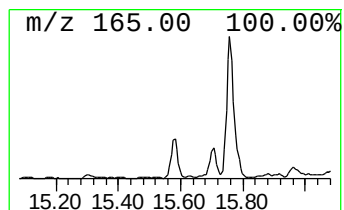
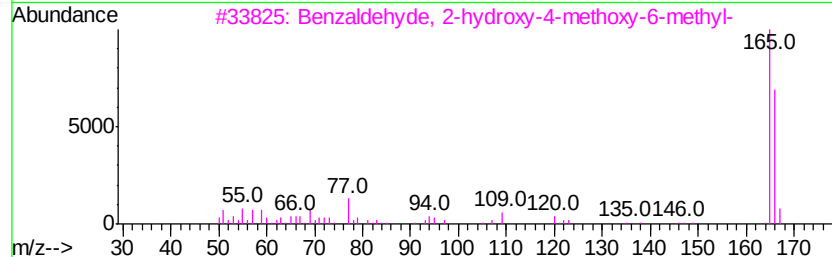
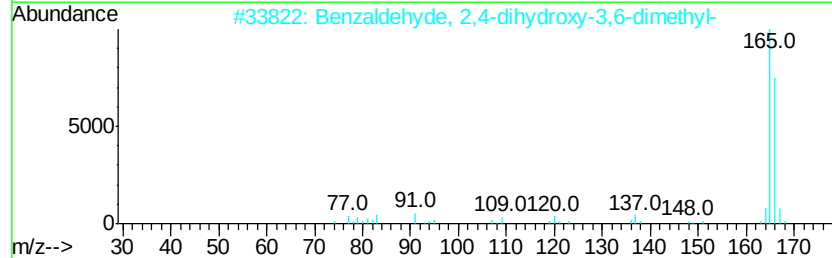
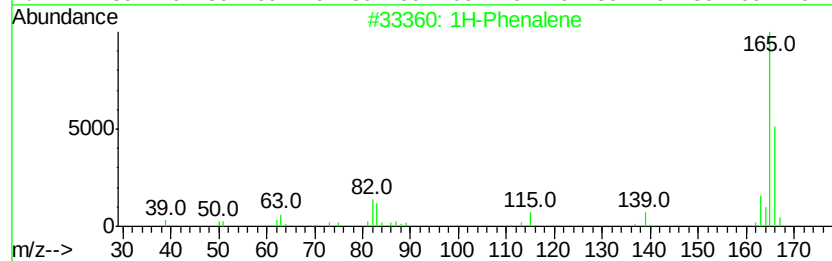
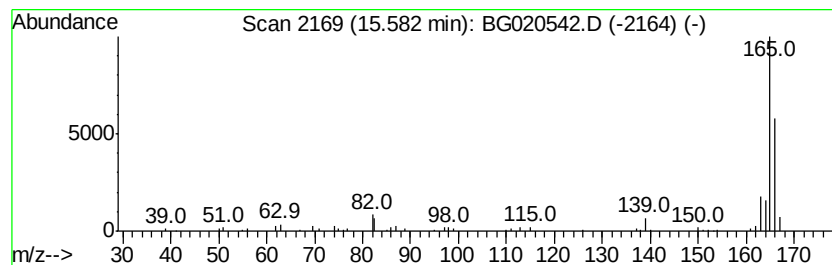
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1H-Phenalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	6.58 ng/ul	82865	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	90
2		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
3		Benzaldehyde, 2-hydroxy-4-methox...	166	C9H10O3	034883-08-4	45
4		Fluorene	166	C13H10	000086-73-7	38
5		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	33



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
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Instrument :
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ClientSampleId :
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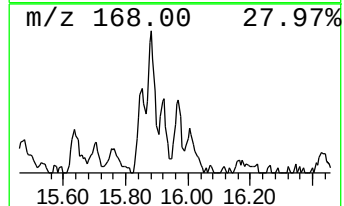
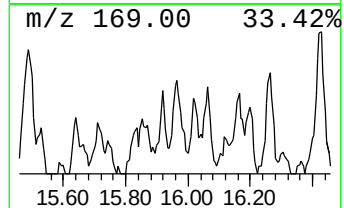
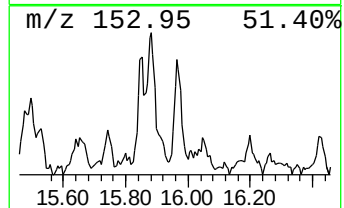
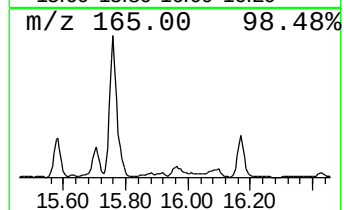
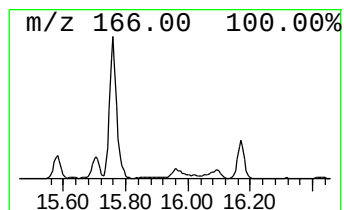
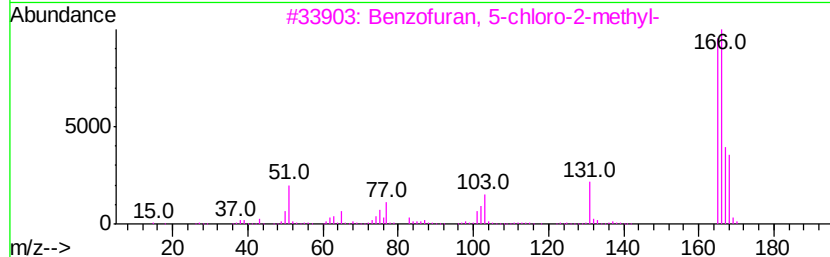
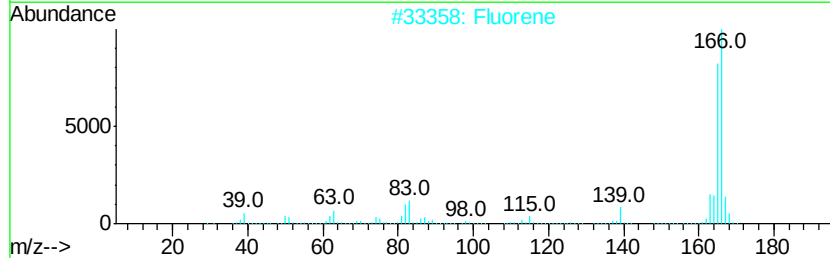
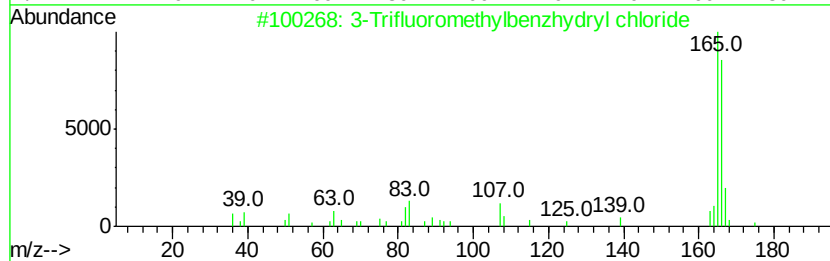
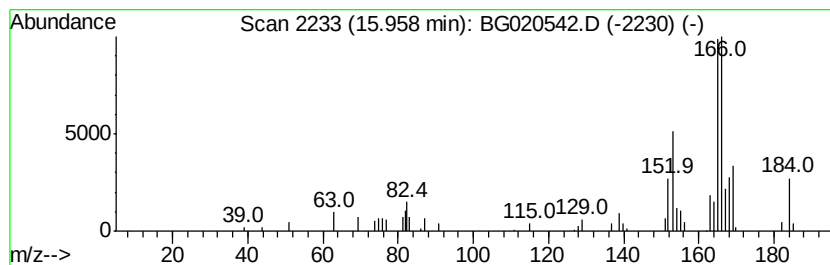
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-02 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.18 ng/ul	40113	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	43
2			Fluorene	166	C13H10	000086-73-7	43
3			Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	38
4			Fluorene	166	C13H10	000086-73-7	30
5			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
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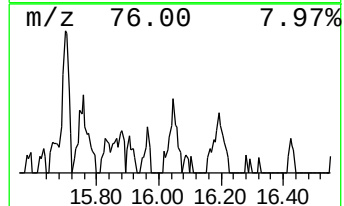
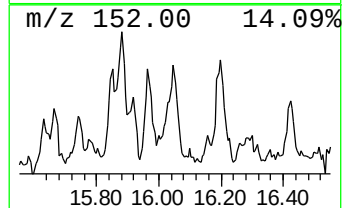
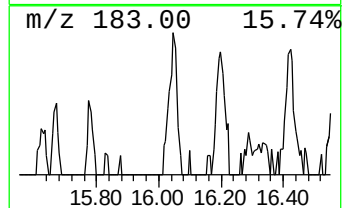
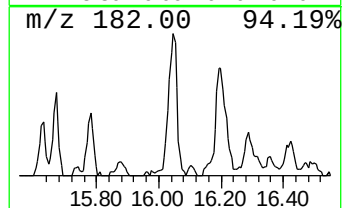
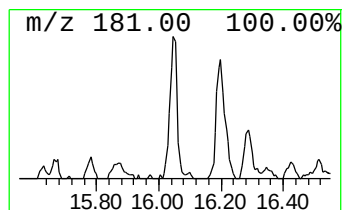
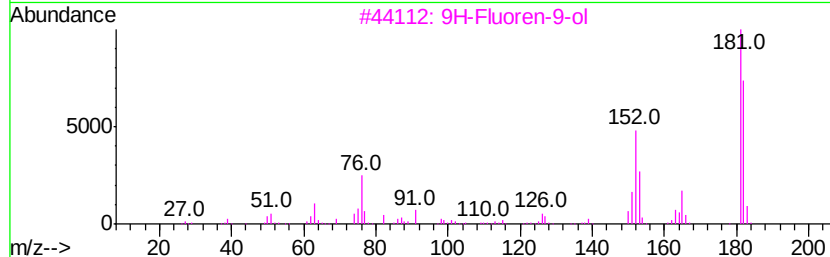
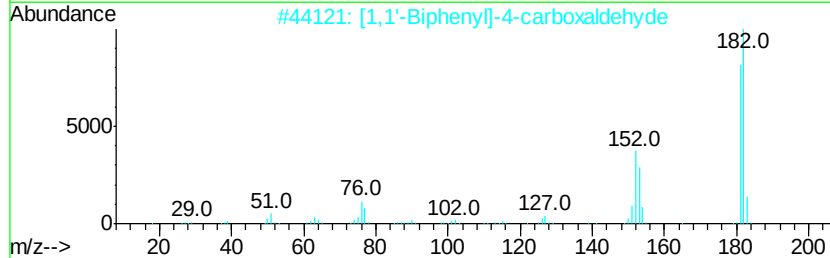
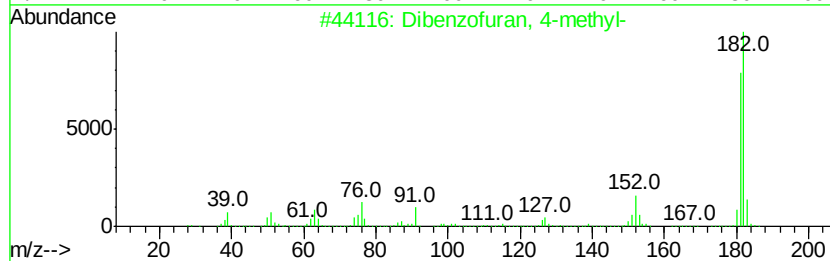
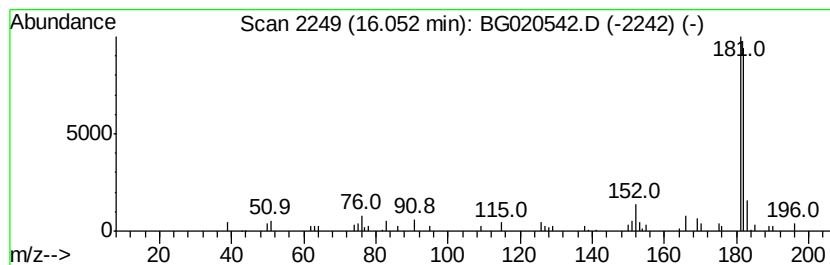
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.30 ng/ul	41537	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D96

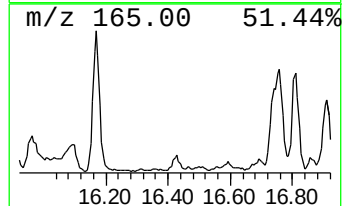
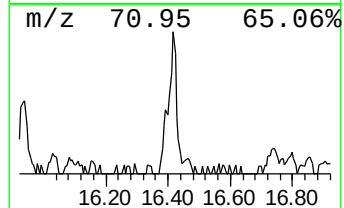
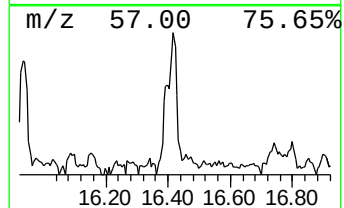
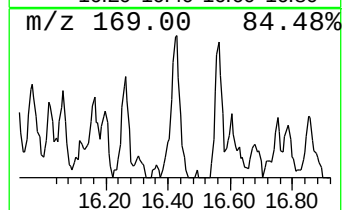
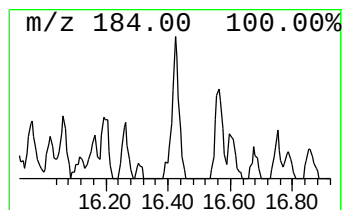
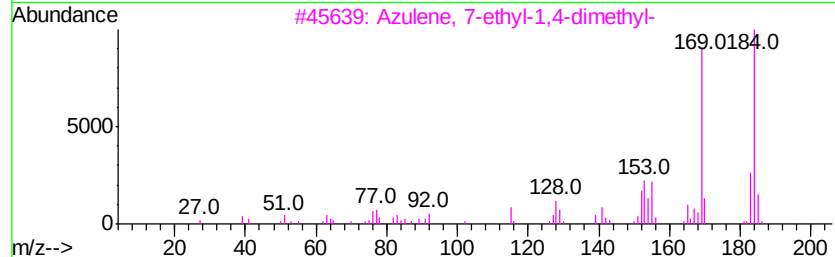
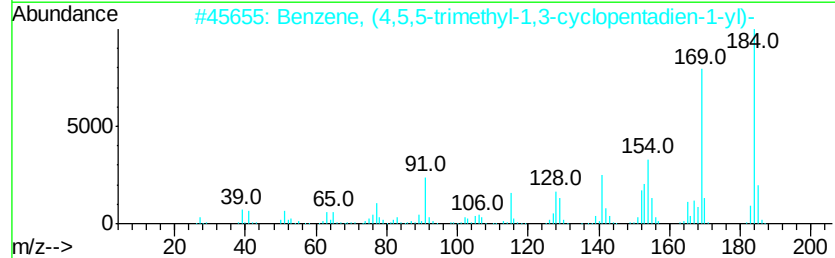
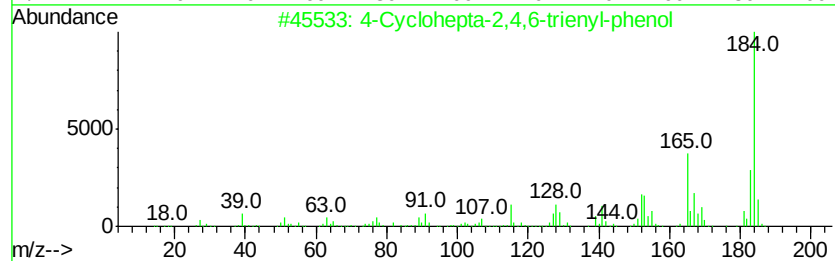
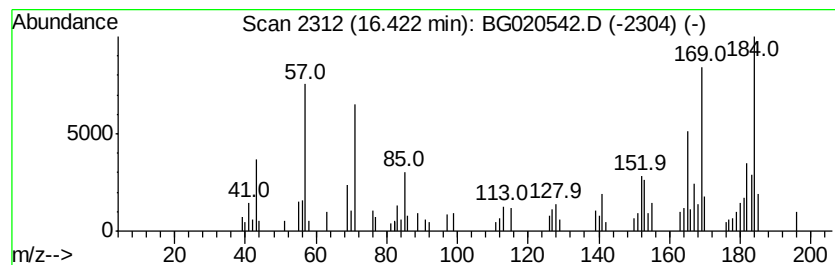
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	5.13 ng/ul	82520	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	83
2		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	70
3		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	64
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	58
5		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
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Instrument :
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ClientSampleId :
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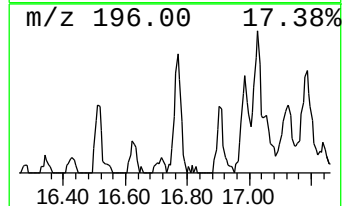
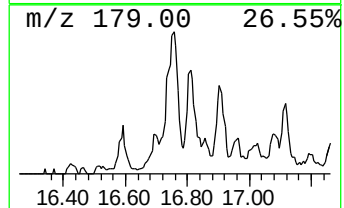
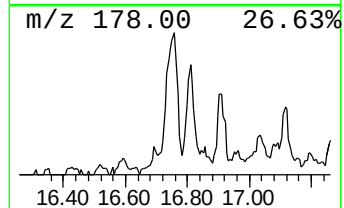
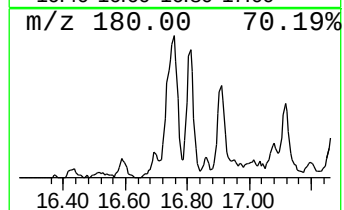
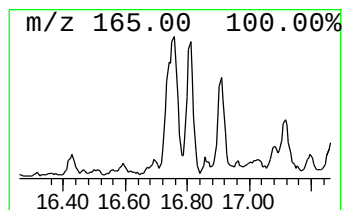
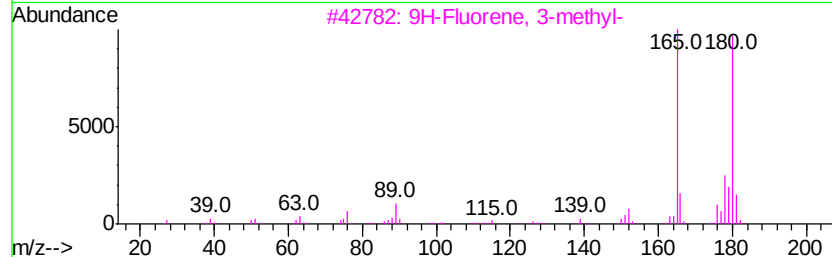
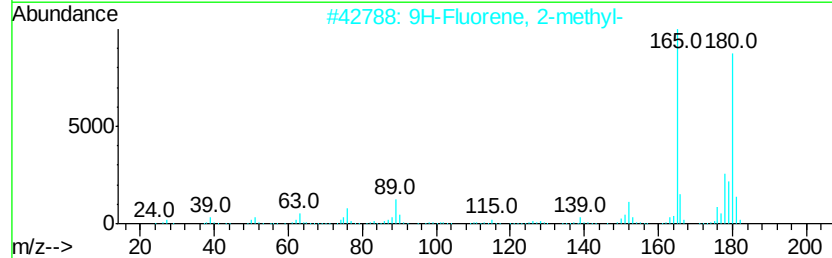
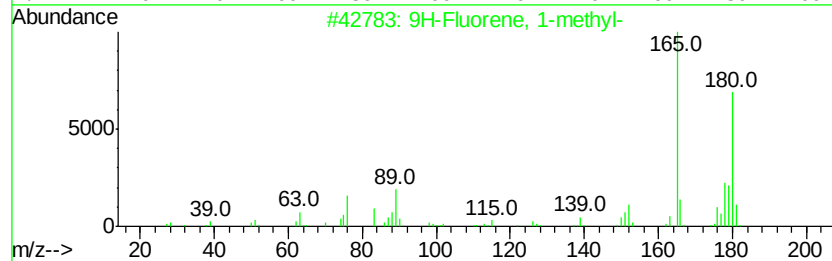
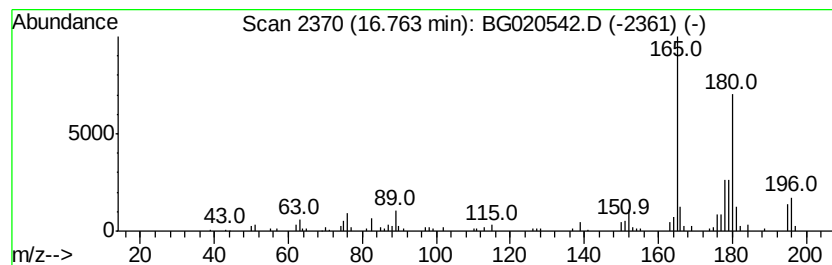
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	10.99 ng/ul	177001	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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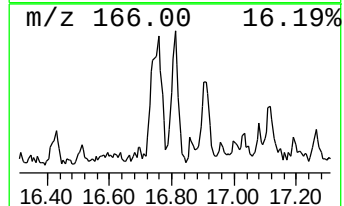
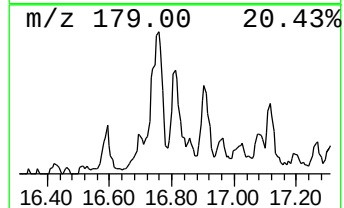
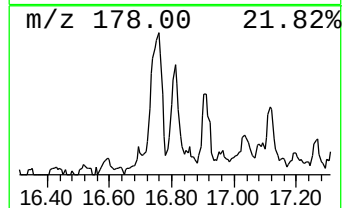
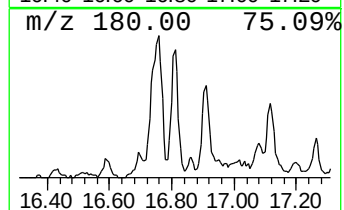
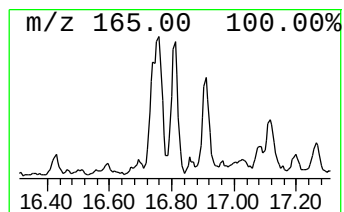
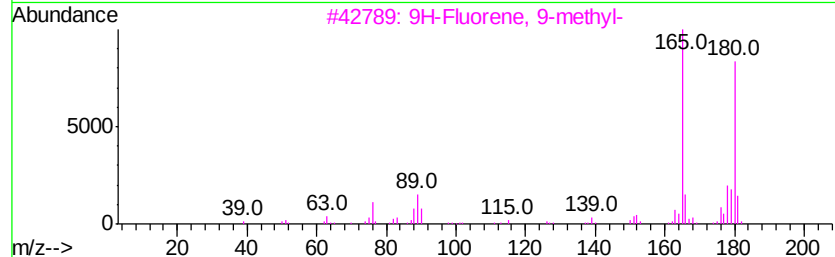
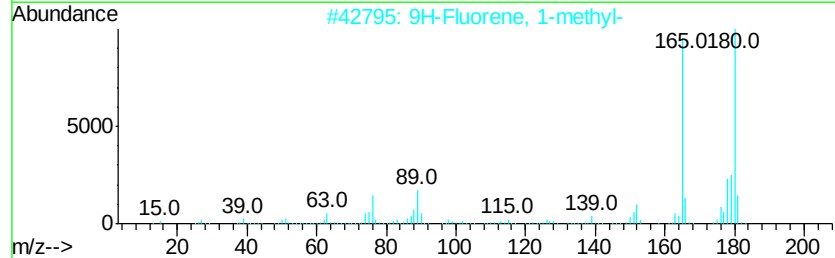
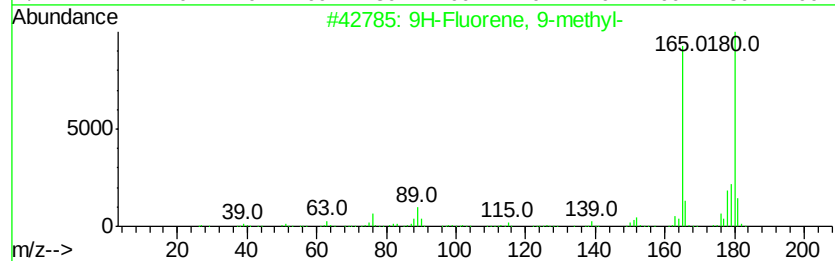
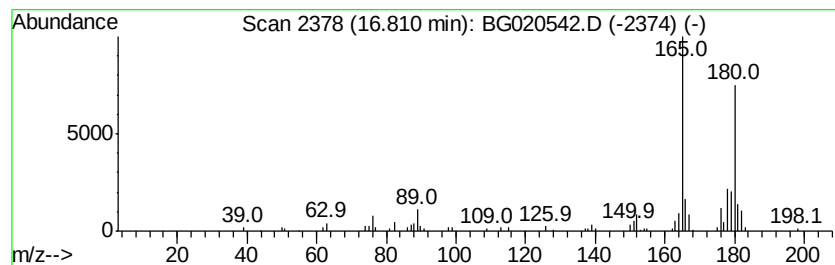
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 9H-Fluorene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	5.86 ng/ul	94292	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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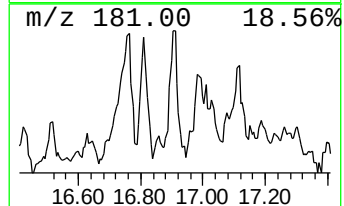
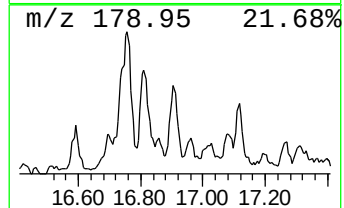
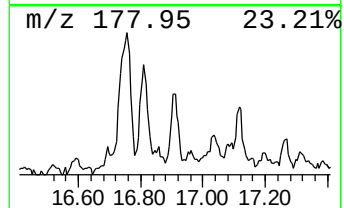
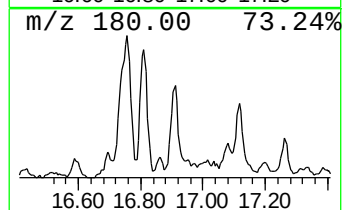
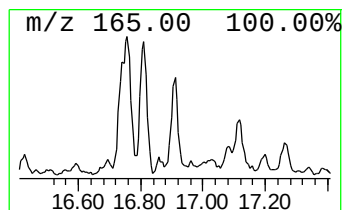
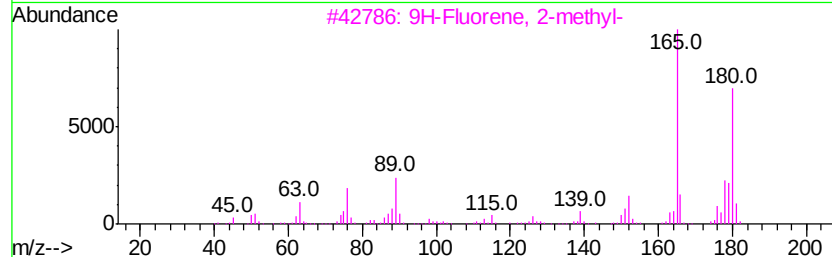
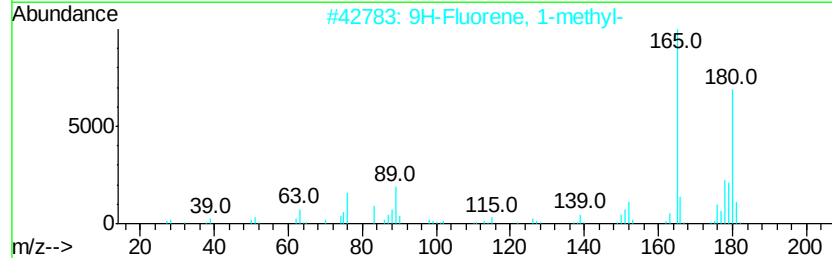
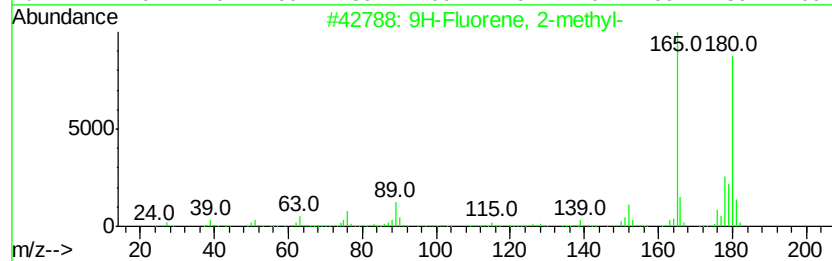
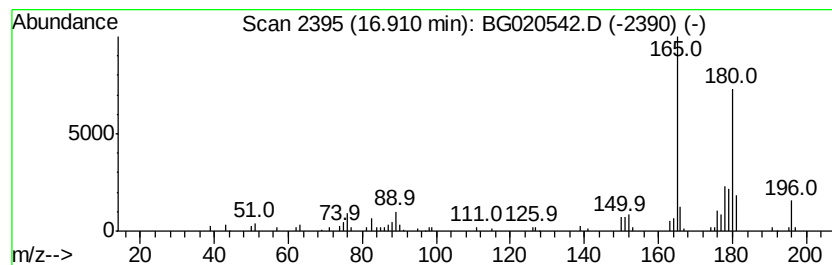
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9H-Fluorene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	4.52 ng/ul	72748	Phenanthrene-d10	17.46

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	91
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
4			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	87
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
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Instrument :
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ClientSampleId :
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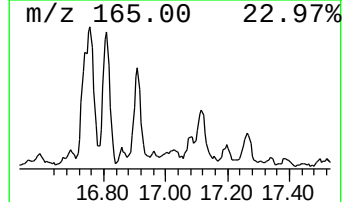
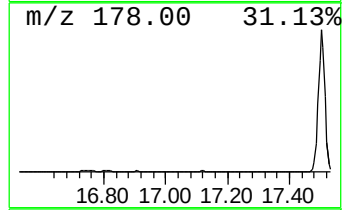
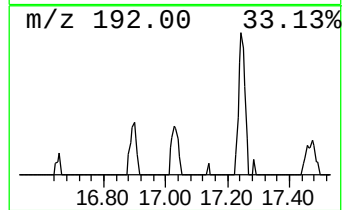
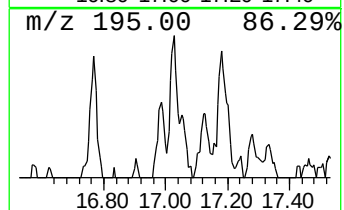
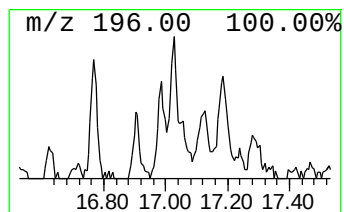
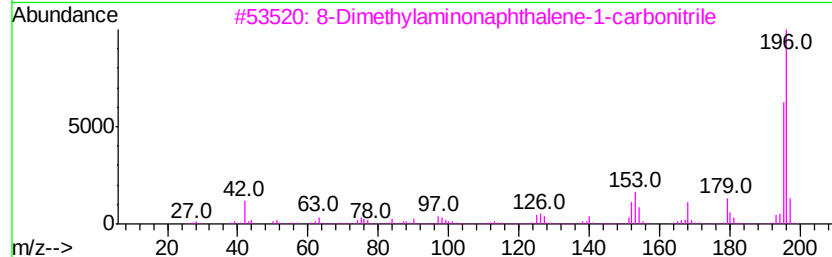
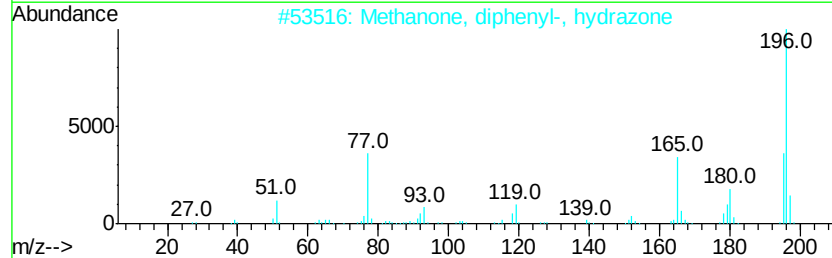
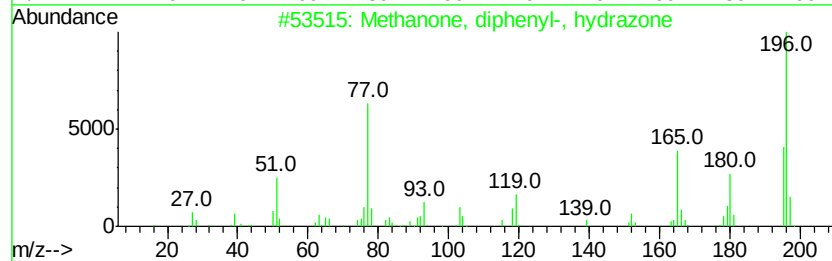
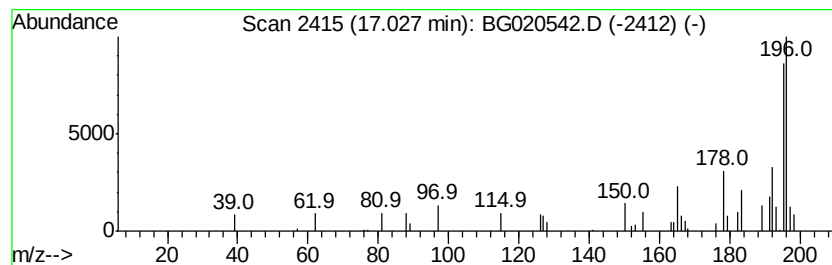
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-03 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	2.29 ng/ul	36896	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	38
2		Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	38
3		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	38
4		Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	35
5		Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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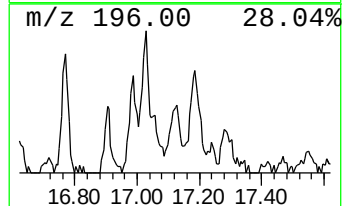
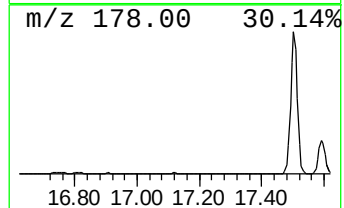
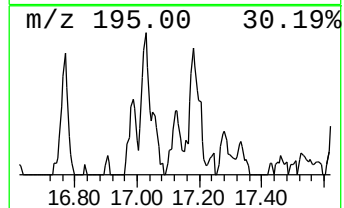
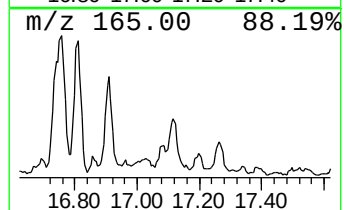
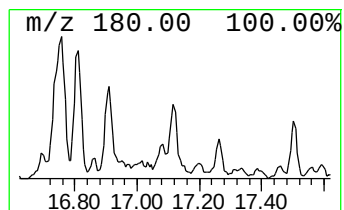
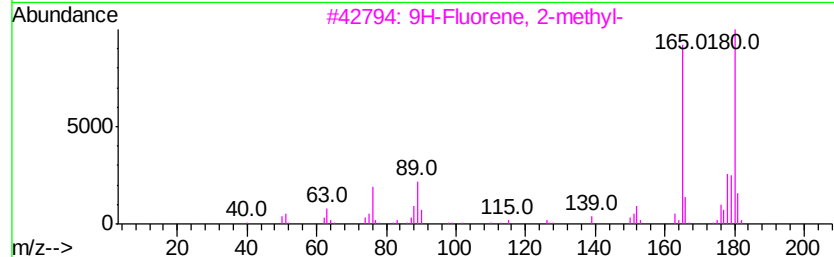
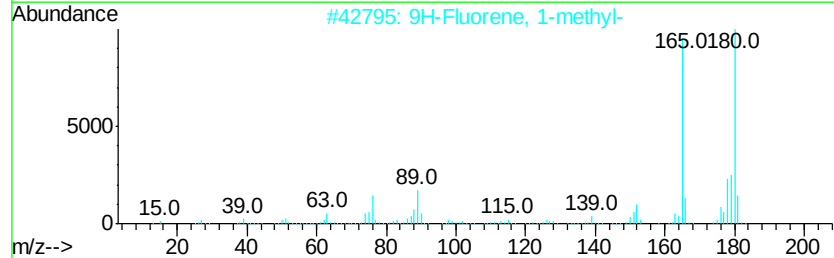
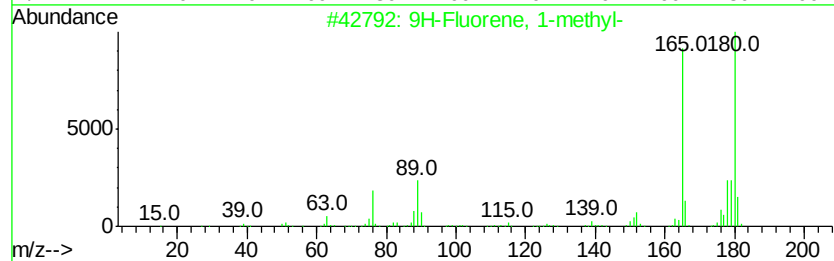
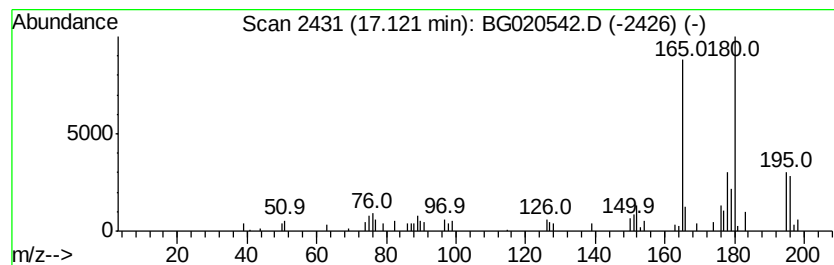
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluorene, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	3.48 ng/ul	55975	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
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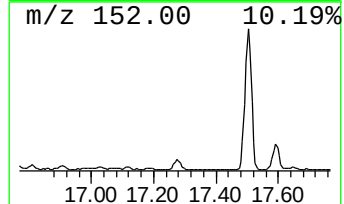
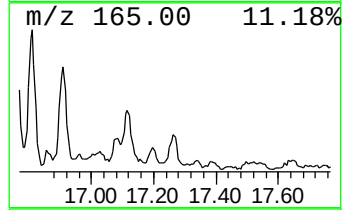
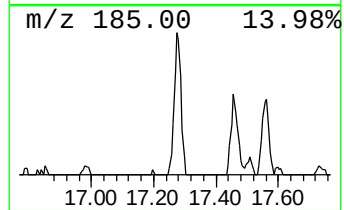
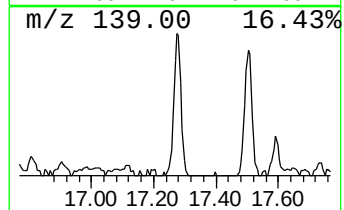
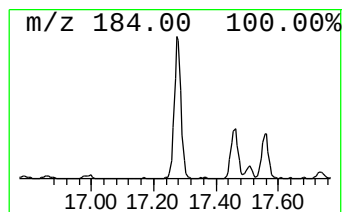
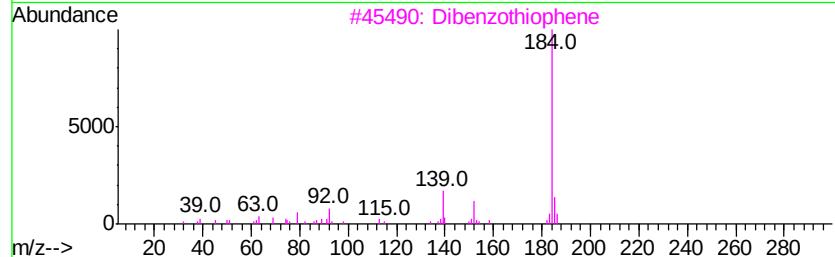
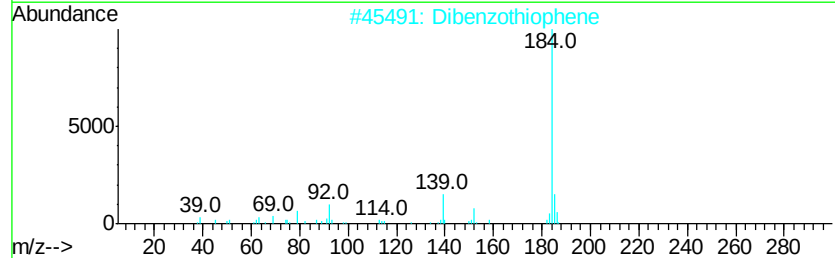
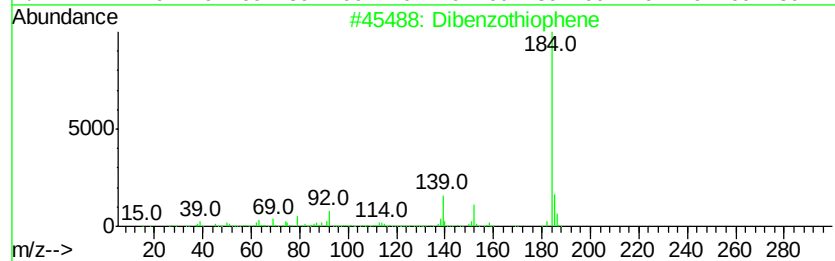
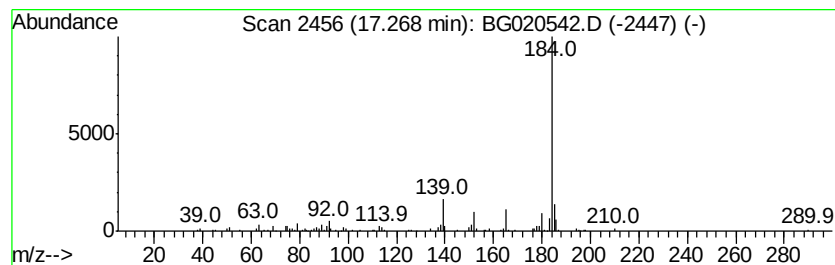
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	10.20 ng/ul	164168	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	93
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D96

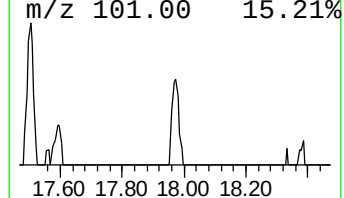
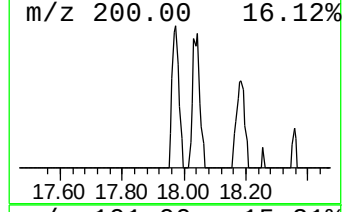
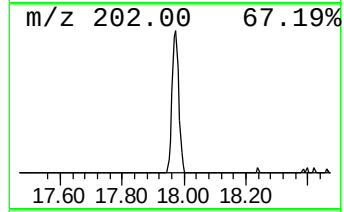
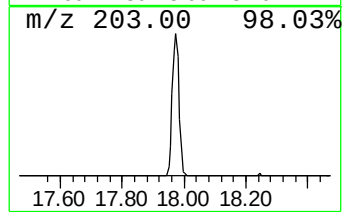
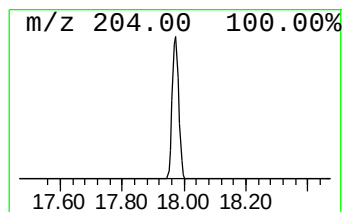
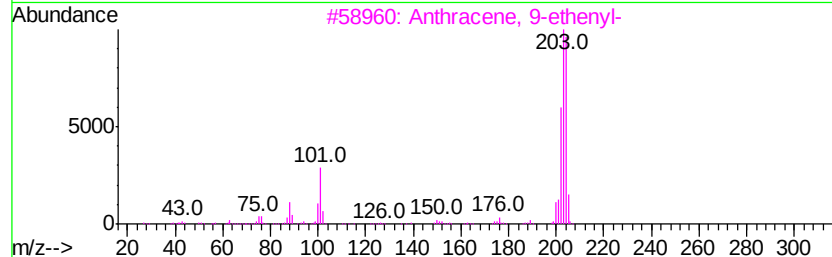
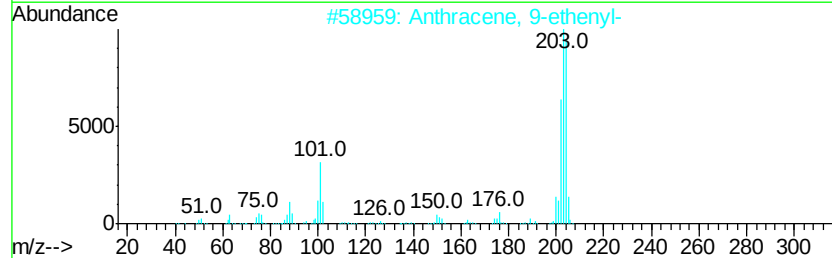
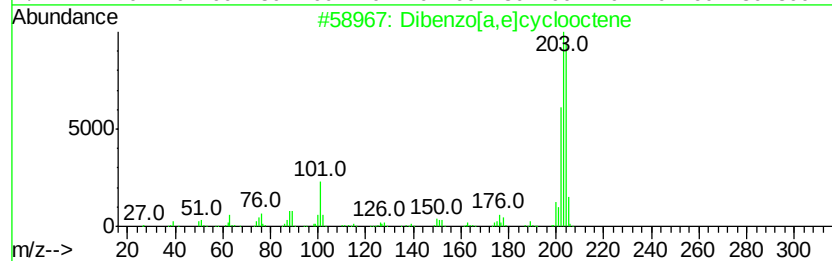
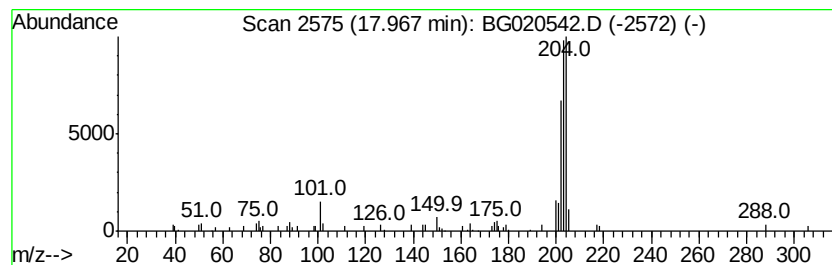
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Dibenzo[a,e]cyclooctene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.05 ng/ul	32960	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	76
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	68
3		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	64
4		Bis(4-fluorophenyl)methane	204	C13H10F2	000457-68-1	53
5		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
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Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampled :
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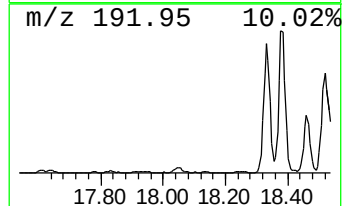
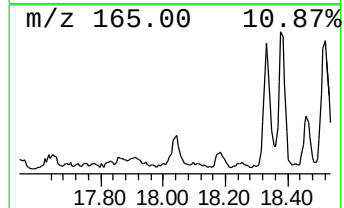
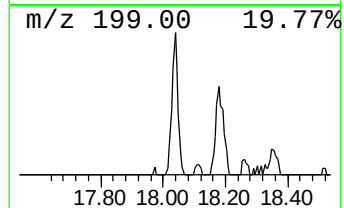
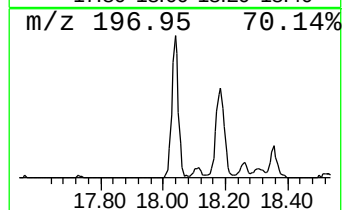
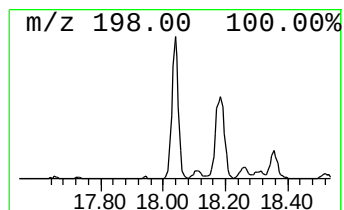
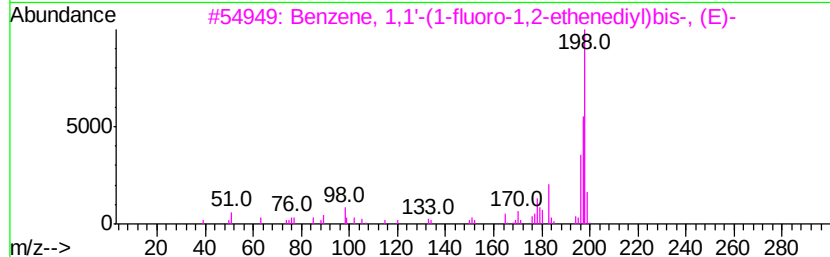
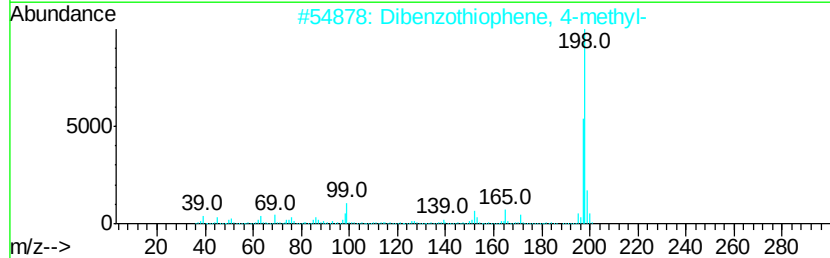
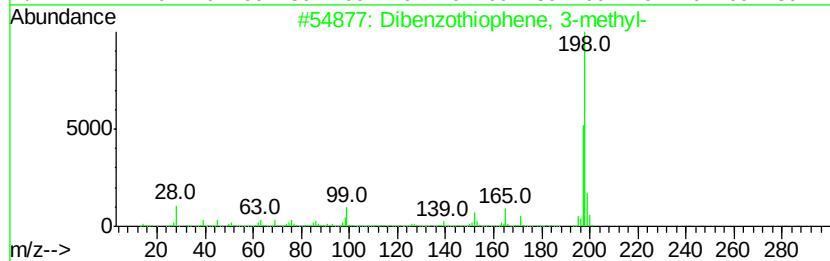
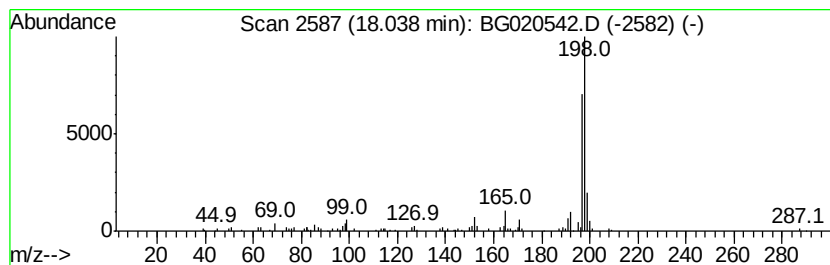
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Dibenzothiophene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.96 ng/ul	79920	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
4			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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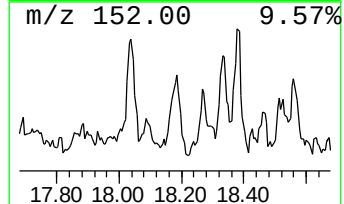
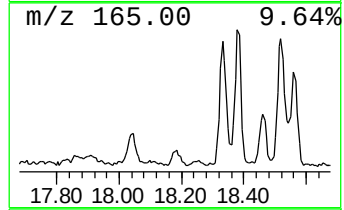
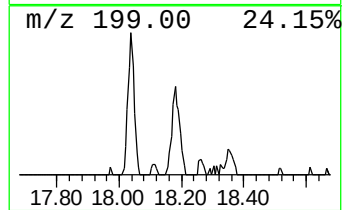
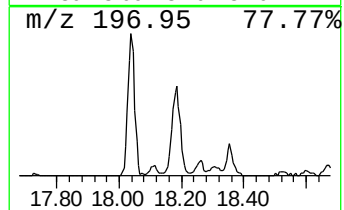
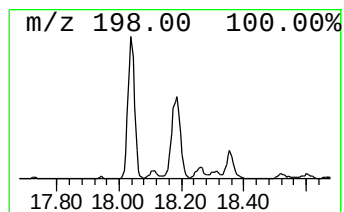
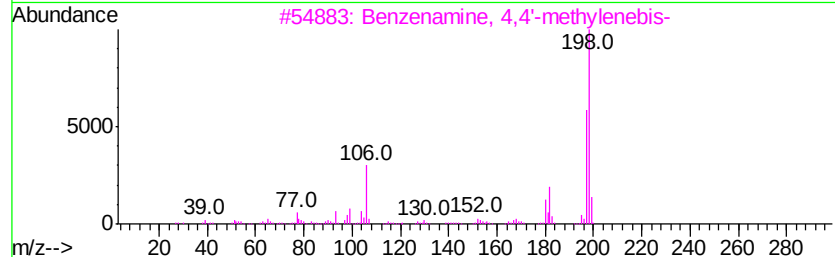
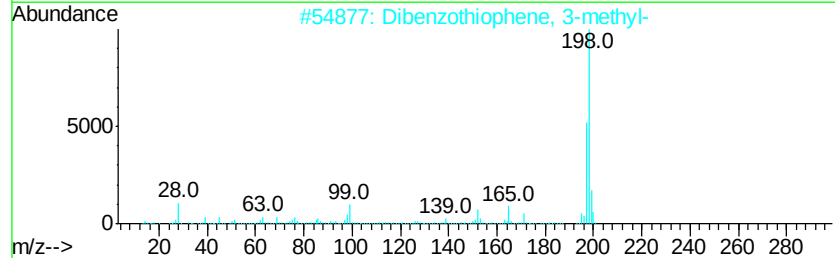
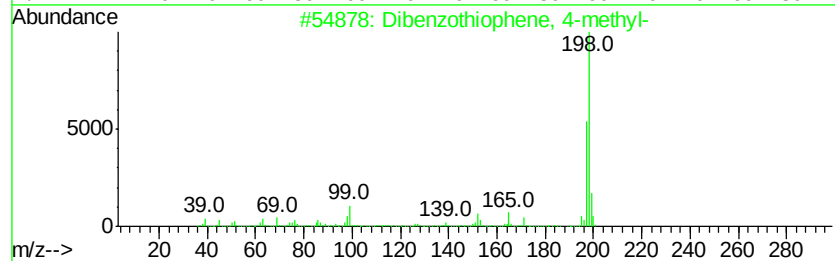
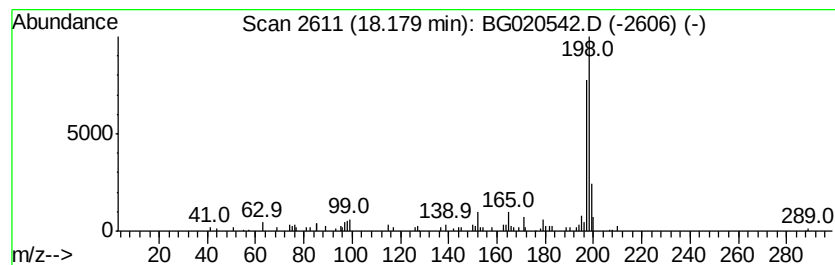
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Dibenzothiophene, 4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.39 ng/ul	70729	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	89
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	86
3		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
5		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

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ClientSampleId :
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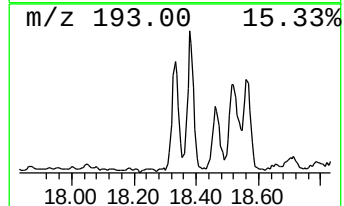
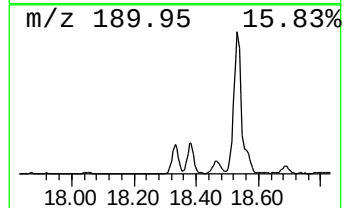
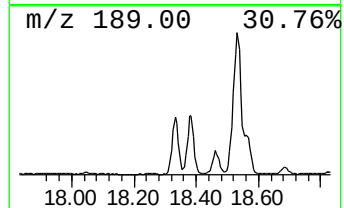
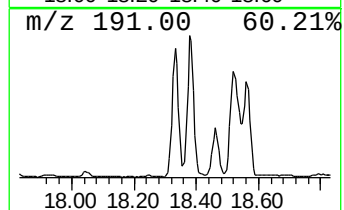
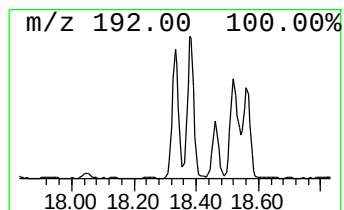
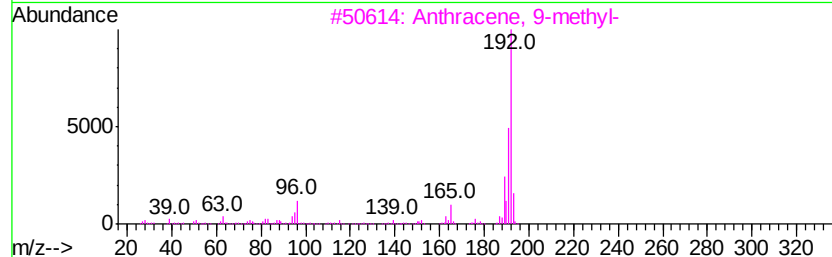
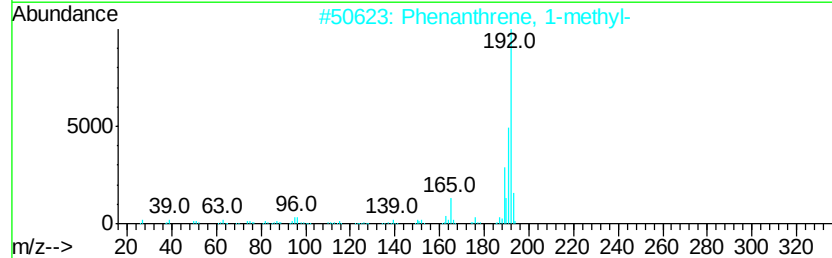
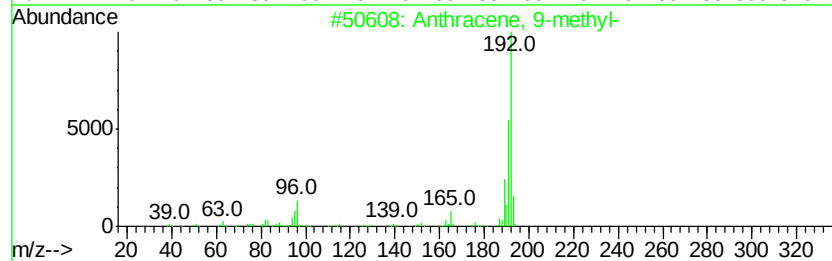
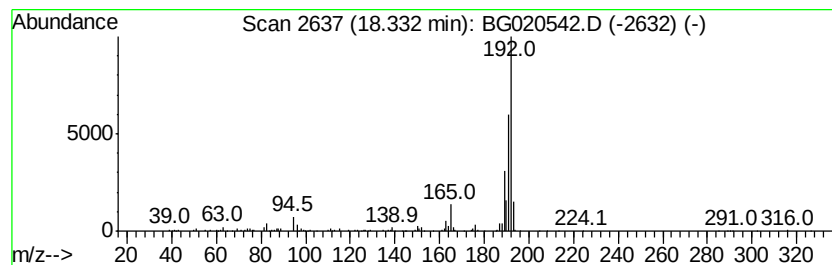
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	18.70 ng/ul	301104	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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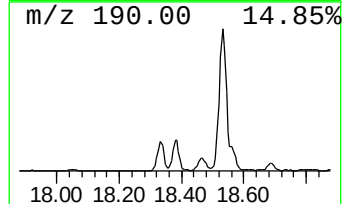
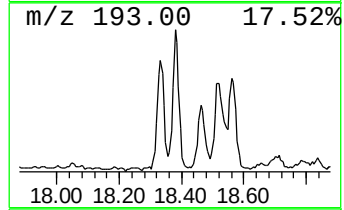
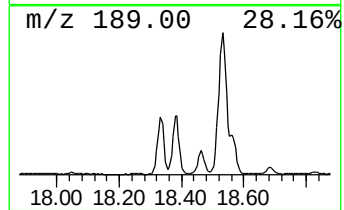
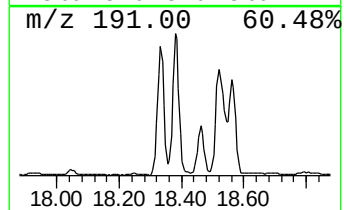
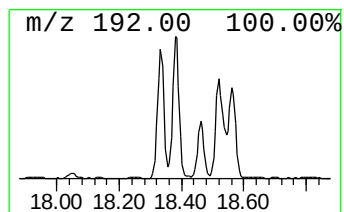
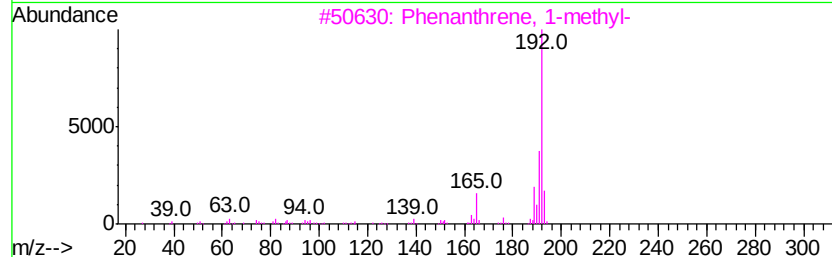
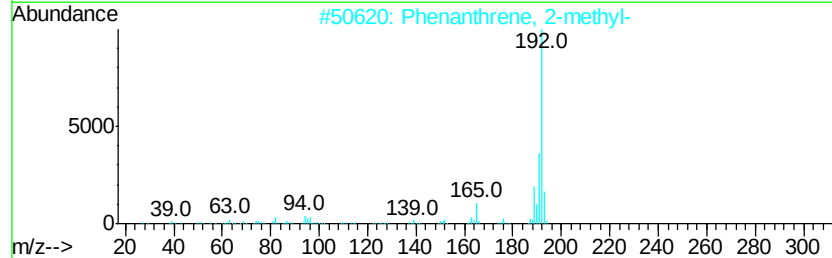
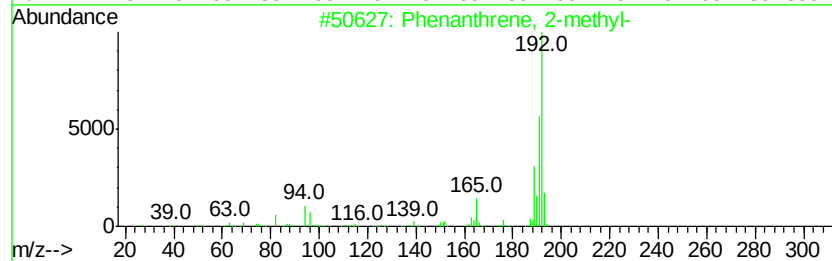
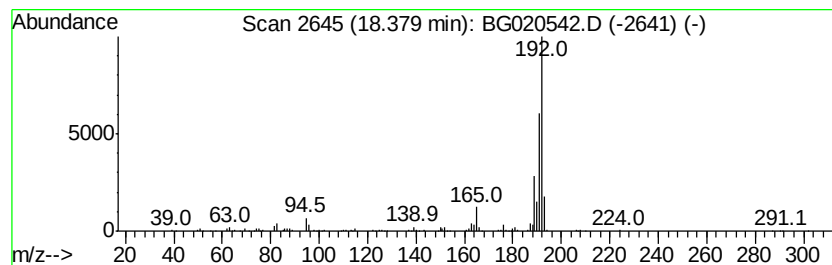
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	20.30 ng/ul	326740	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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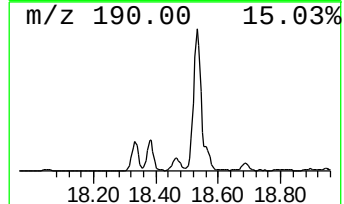
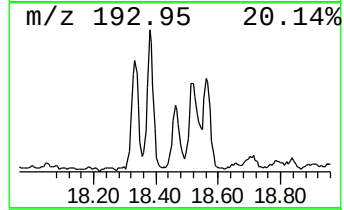
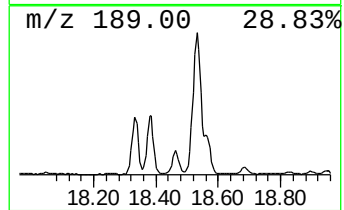
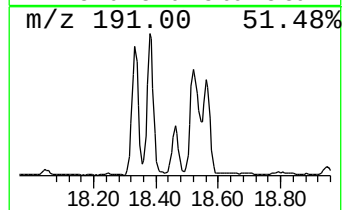
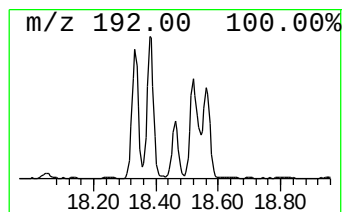
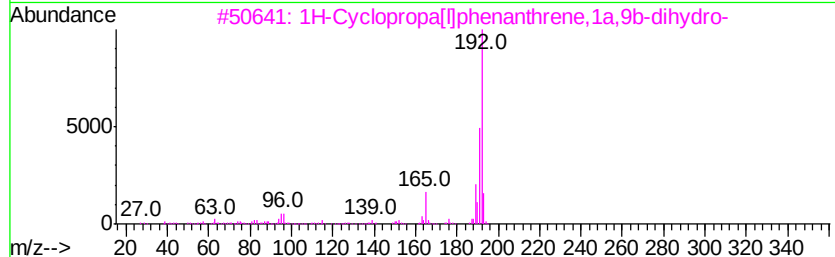
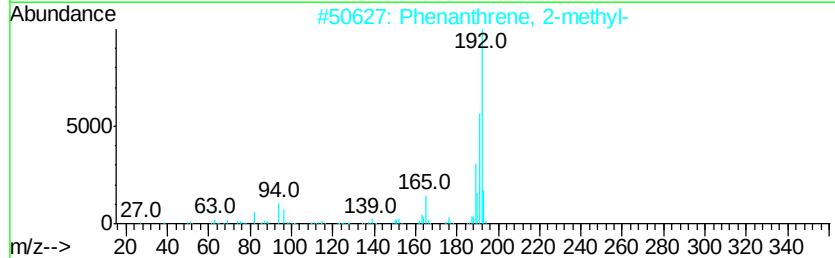
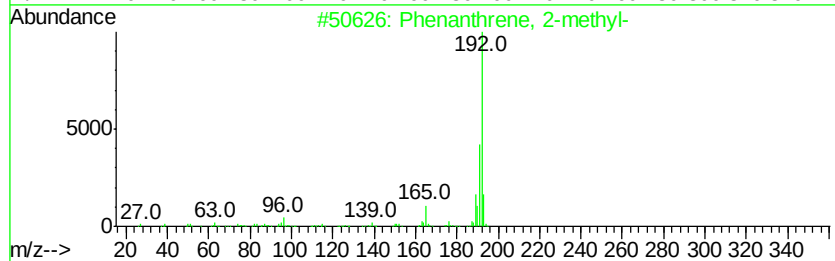
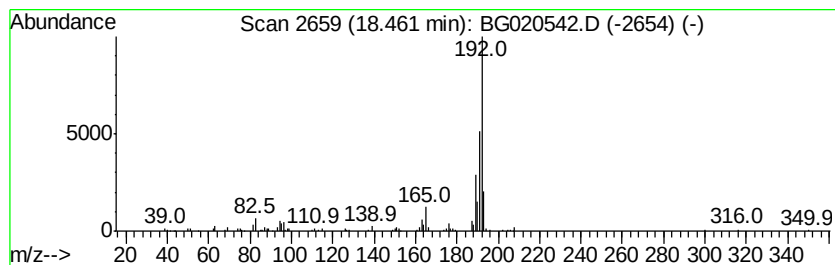
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	7.86 ng/ul	126556	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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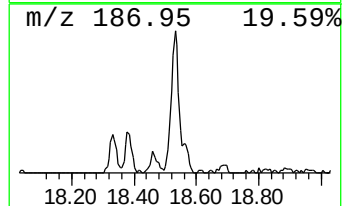
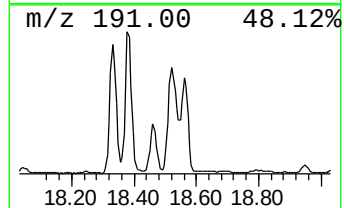
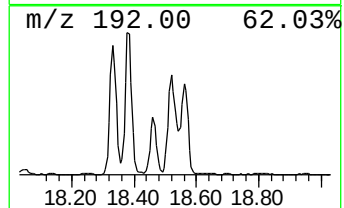
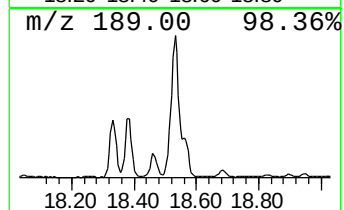
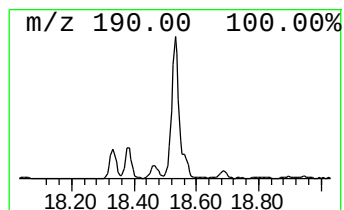
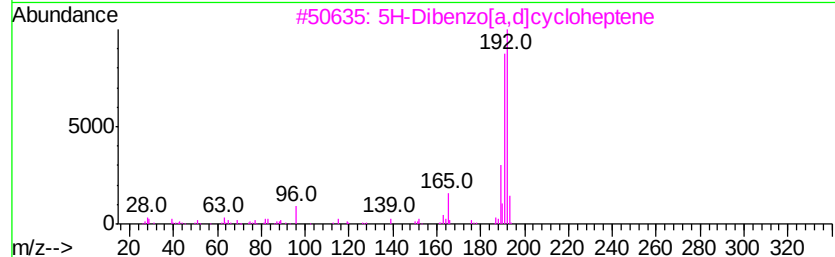
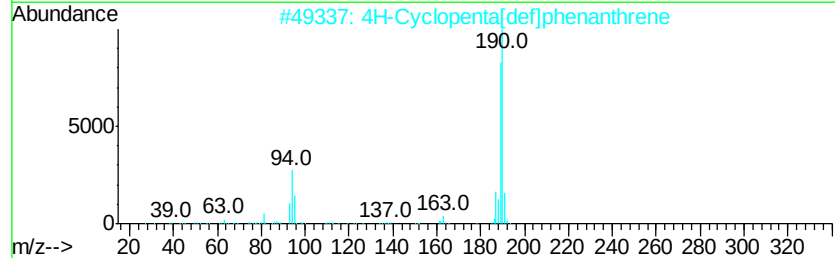
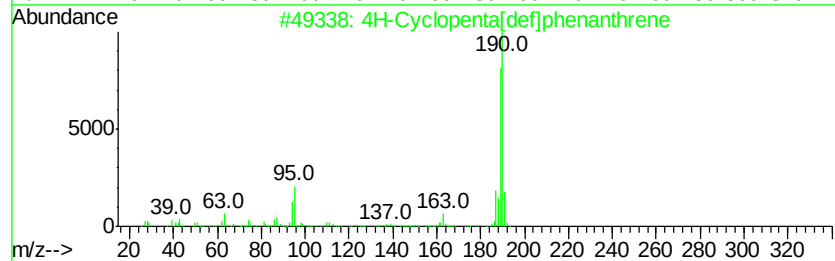
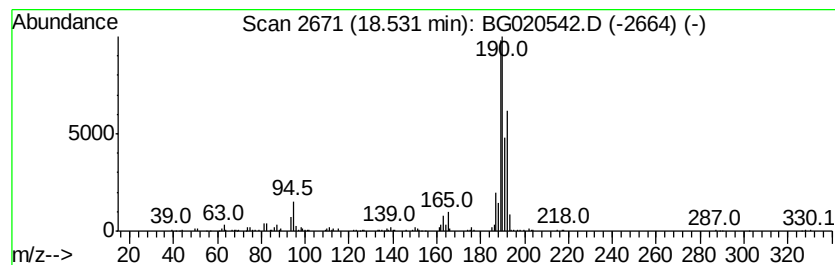
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	29.49 ng/ul	474773	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	46
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020542.D
 Acq On : 26 Dec 2015 16:09
 Operator : UM/SJ
 Sample : G4802-21
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D96

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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	8.61	16.1	ng/ul	81148	1	8.07	100576	20.0
Benzene, (1-methy...	10.31	11.2	ng/ul	89922	2	10.89	160117	20.0
1H-Indene, 1-methyl-	10.39	8.6	ng/ul	68965	2	10.89	160117	20.0
Naphthalene, 1-me...	12.76	89.0	ng/ul	712865	2	10.89	160117	20.0
Naphthalene, 1-et...	13.77	2.9	ng/ul	36119	3	14.71	252059	20.0
Naphthalene, 1,3-...	13.87	12.3	ng/ul	155259	3	14.71	252059	20.0
Naphthalene, 2,3-...	14.03	30.6	ng/ul	385020	3	14.71	252059	20.0
Naphthalene, 1,7-...	14.27	13.1	ng/ul	164488	3	14.71	252059	20.0
unknown-01	14.30	3.4	ng/ul	42264	3	14.71	252059	20.0
Naphthalene, 2,3,...	15.18	6.7	ng/ul	84662	3	14.71	252059	20.0
Naphthalene, 1,6,...	15.32	9.7	ng/ul	122585	3	14.71	252059	20.0
Naphthalene, 1,4,...	15.38	4.2	ng/ul	52268	3	14.71	252059	20.0
Naphthalene, 1,4,...	15.49	6.5	ng/ul	81239	3	14.71	252059	20.0
(DEL) Alkane: Str...	15.53	2.8	ng/ul	34903	3	14.71	252059	20.0
1H-Phenylene	15.58	6.6	ng/ul	82865	3	14.71	252059	20.0
unknown-02	15.96	3.2	ng/ul	40113	3	14.71	252059	20.0
Dibenzofuran, 4-m...	16.05	3.3	ng/ul	41537	3	14.71	252059	20.0
4-Cyclohepta-2,4,...	16.42	5.1	ng/ul	82520	4	17.46	321972	20.0
9H-Fluorene, 1-me...	16.76	11.0	ng/ul	177001	4	17.46	321972	20.0
9H-Fluorene, 9-me...	16.81	5.9	ng/ul	94292	4	17.46	321972	20.0
9H-Fluorene, 2-me...	16.91	4.5	ng/ul	72748	4	17.46	321972	20.0
unknown-03	17.03	2.3	ng/ul	36896	4	17.46	321972	20.0
9H-Fluorene, 4-me...	17.12	3.5	ng/ul	55975	4	17.46	321972	20.0
Dibenzothiophene	17.27	10.2	ng/ul	164168	4	17.46	321972	20.0
Dibenzo[a,e]cyclo...	17.97	2.0	ng/ul	32960	4	17.46	321972	20.0
Dibenzothiophene,...	18.04	5.0	ng/ul	79920	4	17.46	321972	20.0
Dibenzothiophene,...	18.18	4.4	ng/ul	70729	4	17.46	321972	20.0
Anthracene, 9-met...	18.33	18.7	ng/ul	301104	4	17.46	321972	20.0
Phenanthrene, 2-m...	18.38	20.3	ng/ul	326740	4	17.46	321972	20.0
Anthracene, 2-met...	18.46	7.9	ng/ul	126556	4	17.46	321972	20.0
4H-Cyclopenta[def...	18.53	29.5	ng/ul	474773	4	17.46	321972	20.0