

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020606.D
 Acq On : 30 Dec 2015 13:18
 Operator : UM/SJ
 Sample : G4846-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N53

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-BG123015.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	3.073	35	40	50	rBV	42266	80249	0.53%	0.122%
2	7.221	738	746	763	rVB4	21997	75421	0.49%	0.115%
3	7.380	766	773	781	rBV	74516	123755	0.81%	0.188%
4	7.544	795	801	804	rBV	36699	60233	0.40%	0.092%
5	7.591	804	809	818	rVV	77412	133927	0.88%	0.204%
6	8.062	880	889	895	rBV	76777	131200	0.86%	0.200%
7	8.432	945	952	959	rBV	80779	135479	0.89%	0.206%
8	8.502	959	964	973	rVV	65703	111299	0.73%	0.169%
9	8.602	973	981	992	rVV	412473	716045	4.70%	1.090%
10	8.767	1001	1009	1015	rVV	67482	117931	0.77%	0.179%
11	8.837	1015	1021	1027	rVV	126875	241117	1.58%	0.367%
12	9.231	1081	1088	1095	rBV	102363	193052	1.27%	0.294%
13	9.542	1136	1141	1148	rVV2	47840	109079	0.72%	0.166%
14	9.959	1204	1212	1220	rBV	84384	157116	1.03%	0.239%
15	10.047	1220	1227	1230	rBV	114226	218721	1.43%	0.333%
16	10.271	1258	1265	1267	rBV2	51155	94126	0.62%	0.143%
17	10.306	1267	1271	1276	rVV4	69583	171017	1.12%	0.260%
18	10.365	1276	1281	1294	rVV2	165139	335186	2.20%	0.510%
19	10.506	1297	1305	1314	rBV3	160843	323042	2.12%	0.492%
20	10.982	1363	1386	1391	rBV	4982832	15244500	100.00%	23.199%
21	11.064	1394	1400	1407	rVB	490103	821897	5.39%	1.251%
22	11.704	1503	1509	1517	rBV	69697	119007	0.78%	0.181%
23	12.427	1627	1632	1642	rVB	56591	104931	0.69%	0.160%
24	12.539	1642	1651	1658	rBV	2043875	3762373	24.68%	5.726%
25	12.644	1662	1669	1676	rVV2	74966	172691	1.13%	0.263%
26	12.756	1676	1688	1695	rVV	1290618	2227178	14.61%	3.389%
27	12.909	1706	1714	1725	rVB	32576	63537	0.42%	0.097%
28	13.167	1753	1758	1767	rVV	32123	68142	0.45%	0.104%
29	13.532	1808	1820	1830	rBV	613295	995380	6.53%	1.515%
30	13.725	1847	1853	1863	rVB	115216	249094	1.63%	0.379%
31	13.872	1865	1878	1885	rBV2	152377	438174	2.87%	0.667%
32	14.013	1896	1902	1907	rBV	259483	474658	3.11%	0.722%
33	14.072	1907	1912	1914	rVV	164292	272798	1.79%	0.415%
34	14.101	1914	1917	1922	rVB	276088	374264	2.46%	0.570%

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35	14.254	1937	1943	1946	rVV	103401	170030	1.12%	0.259%
36	14.395	1959	1967	1969	rBV	296813	517566	3.40%	0.788%
37	14.419	1969	1971	1980	rVB	270829	358784	2.35%	0.546%
38	14.671	2004	2014	2016	rVV	127401	220256	1.44%	0.335%
39	14.701	2016	2019	2024	rVV2	198217	313319	2.06%	0.477%
40	14.777	2024	2032	2037	rVV	3163002	5604398	36.76%	8.529%
41	14.836	2037	2042	2048	rVV	528771	832404	5.46%	1.267%
42	14.901	2048	2053	2060	rVV5	39667	101165	0.66%	0.154%
43	14.983	2060	2067	2075	rVV3	136551	389465	2.55%	0.593%
44	15.106	2080	2088	2095	rVV2	1814212	3332072	21.86%	5.071%
45	15.300	2114	2121	2127	rBV4	29862	63727	0.42%	0.097%
46	15.688	2182	2187	2192	rVV	391826	604733	3.97%	0.920%
47	15.753	2192	2198	2204	rVB	2173526	3524275	23.12%	5.363%
48	15.817	2204	2209	2214	rBV3	135907	273827	1.80%	0.417%
49	15.870	2214	2218	2221	rVV4	155024	276294	1.81%	0.420%
50	15.905	2221	2224	2228	rVV3	167065	250203	1.64%	0.381%
51	15.952	2228	2232	2235	rVV4	79735	149812	0.98%	0.228%
52	15.993	2236	2239	2242	rVV2	86151	121442	0.80%	0.185%
53	16.035	2242	2246	2253	rVB	148500	217264	1.43%	0.331%
54	16.176	2262	2270	2282	rVB2	185295	447996	2.94%	0.682%
55	16.534	2322	2331	2336	rBV	161135	245314	1.61%	0.373%
56	16.622	2342	2346	2354	rVB	74360	126567	0.83%	0.193%
57	16.698	2354	2359	2363	rBV2	121108	220760	1.45%	0.336%
58	16.740	2363	2366	2371	rVB	90882	139688	0.92%	0.213%
59	16.792	2371	2375	2385	rVB3	50663	96517	0.63%	0.147%
60	16.892	2385	2392	2397	rBV	40304	67548	0.44%	0.103%
61	17.098	2418	2427	2434	rVB	72119	132683	0.87%	0.202%
62	17.227	2445	2449	2451	rBV	55252	81536	0.53%	0.124%
63	17.262	2451	2455	2462	rVB	291924	438373	2.88%	0.667%
64	17.445	2480	2486	2489	rBV	248177	464394	3.05%	0.707%
65	17.497	2489	2495	2500	rVV	2917725	5116637	33.56%	7.786%
66	17.545	2500	2503	2507	rVV2	469563	715435	4.69%	1.089%
67	17.580	2507	2509	2514	rVB	200250	222323	1.46%	0.338%
68	17.639	2514	2519	2528	rVB3	35222	73760	0.48%	0.112%
69	17.809	2543	2548	2550	rBV	60630	91818	0.60%	0.140%
70	17.856	2550	2556	2562	rVB	1425322	2248418	14.75%	3.422%
71	17.938	2564	2570	2577	rBV3	113880	252153	1.65%	0.384%

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72	18.003	2577	2581	2587	rVB	145466	220041	1.44%	0.335%
73	18.085	2587	2595	2600	rBV4	60092	129029	0.85%	0.196%
74	18.279	2623	2628	2631	rBV	79366	116057	0.76%	0.177%
75	18.314	2631	2634	2638	rVB	73836	91387	0.60%	0.139%
76	18.361	2638	2642	2649	rVB	381462	569728	3.74%	0.867%
77	18.438	2649	2655	2661	rVB3	107839	191721	1.26%	0.292%
78	18.514	2661	2668	2677	rBV2	262487	480819	3.15%	0.732%
79	18.614	2677	2685	2689	rBV2	148923	316905	2.08%	0.482%
80	18.661	2689	2693	2697	rVV	147828	190143	1.25%	0.289%
81	18.755	2703	2709	2714	rBV2	161466	249927	1.64%	0.380%
82	18.808	2714	2718	2722	rVB2	92582	127094	0.83%	0.193%
83	18.861	2722	2727	2730	rBV	103465	154812	1.02%	0.236%
84	19.119	2767	2771	2777	rVB4	38612	82061	0.54%	0.125%
85	19.331	2797	2807	2811	rBV6	42928	121679	0.80%	0.185%
86	19.489	2828	2834	2840	rVV	596757	857287	5.62%	1.305%
87	19.689	2862	2868	2872	rBV5	49527	90293	0.59%	0.137%
88	19.736	2872	2876	2881	rVV4	29500	59855	0.39%	0.091%
89	19.824	2883	2891	2894	rVV	613979	972883	6.38%	1.481%
90	19.854	2894	2896	2903	rVV	370716	491619	3.22%	0.748%
91	20.230	2955	2960	2966	rVB	213311	287710	1.89%	0.438%
92	20.294	2966	2971	2976	rBV	82988	135900	0.89%	0.207%
93	20.952	3079	3083	3091	rVB3	46084	87439	0.57%	0.133%
94	21.293	3134	3141	3144	rBV2	36633	62326	0.41%	0.095%
95	21.328	3144	3147	3153	rVV2	44389	62555	0.41%	0.095%
96	21.710	3204	3212	3220	rBV2	377297	666992	4.38%	1.015%
97	22.127	3277	3283	3288	rBV	37879	66335	0.44%	0.101%
98	22.357	3314	3322	3329	rBV3	28152	61558	0.40%	0.094%
99	24.742	3716	3728	3740	rBV	307326	830183	5.45%	1.263%
100	24.965	3751	3766	3779	rBV2	177909	518576	3.40%	0.789%

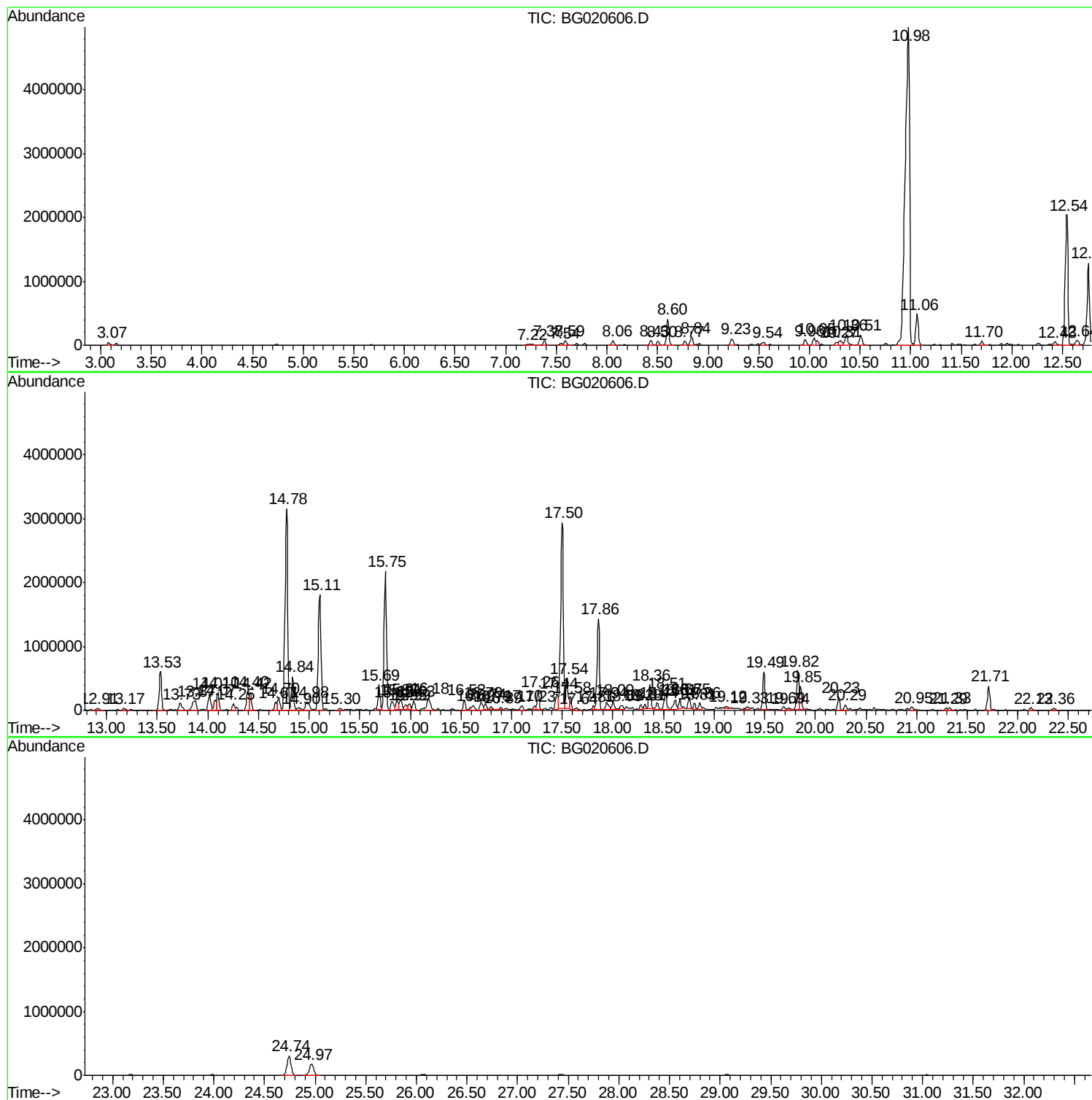
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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



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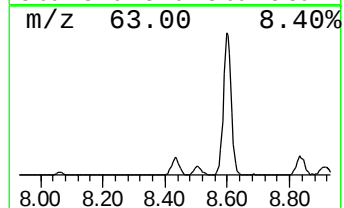
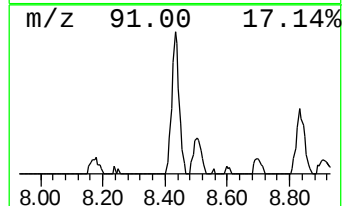
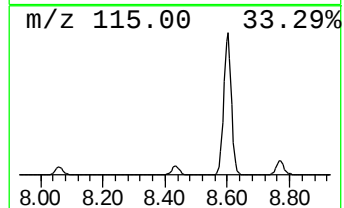
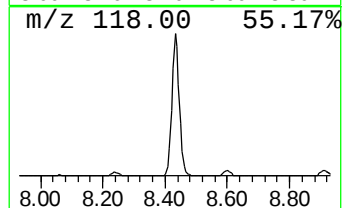
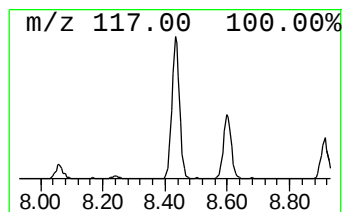
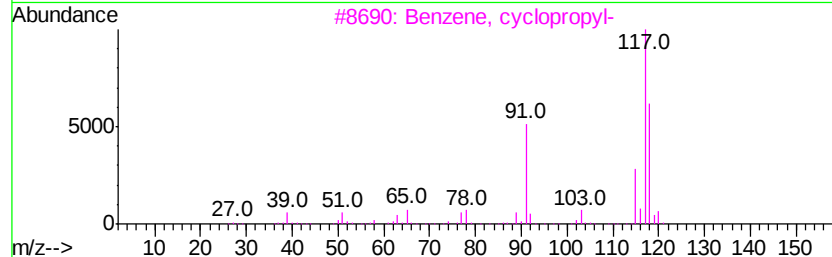
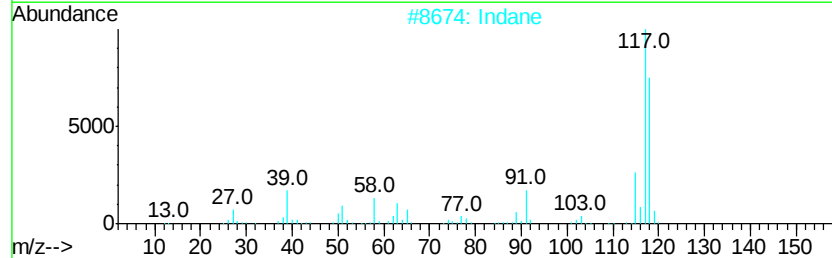
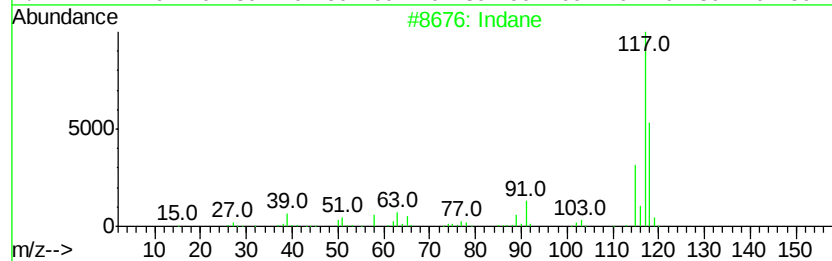
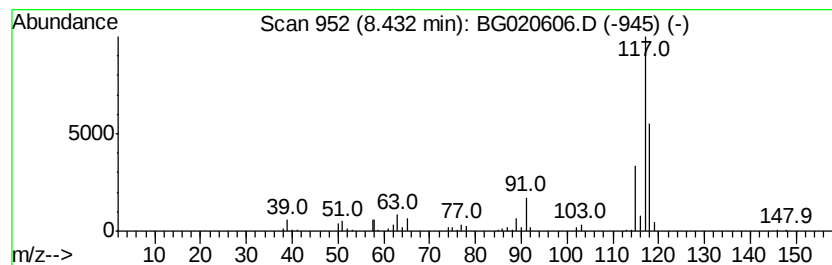
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	20.65 ng/ul	135479	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Indane	118	C9H10	000496-11-7	91
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	81
5		Indane	118	C9H10	000496-11-7	80



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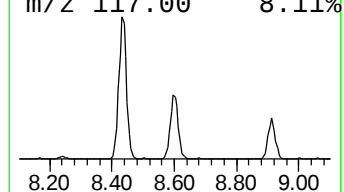
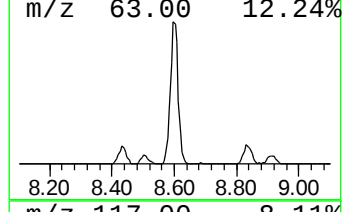
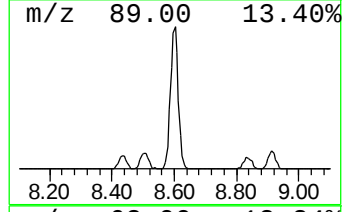
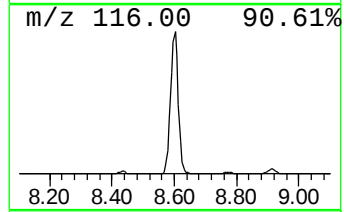
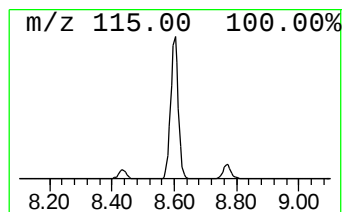
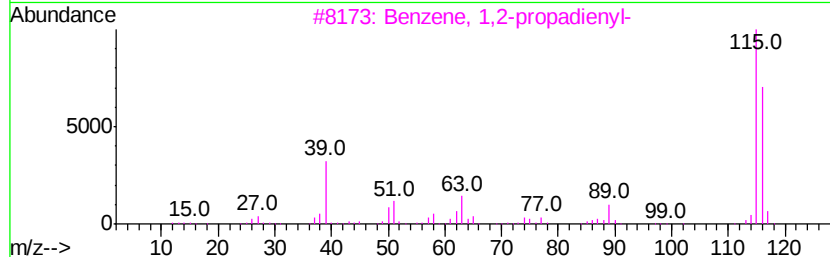
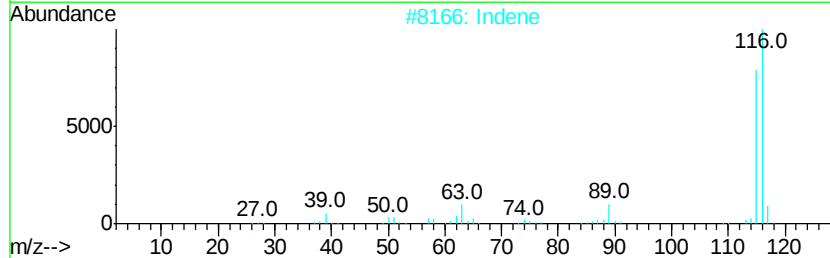
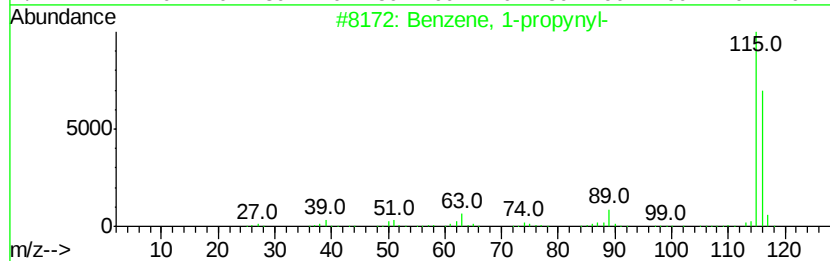
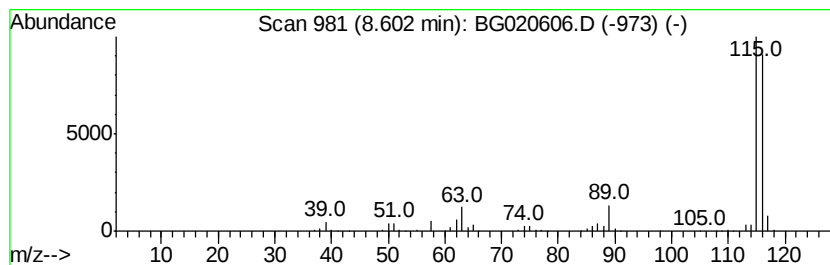
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	109.15 ng/ul	716045	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2		Indene	116	C9H8	000095-13-6	94
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91



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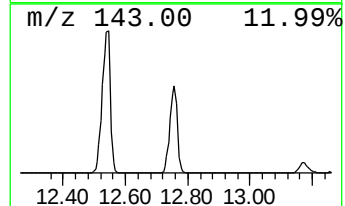
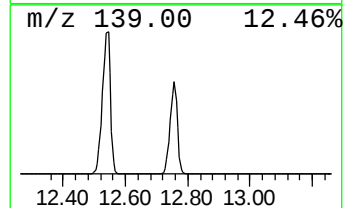
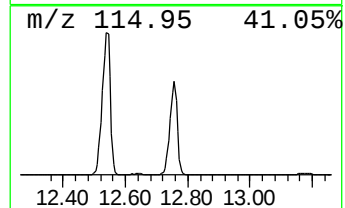
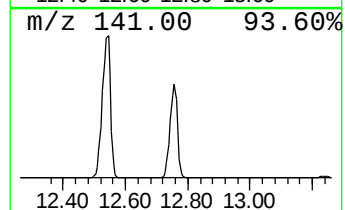
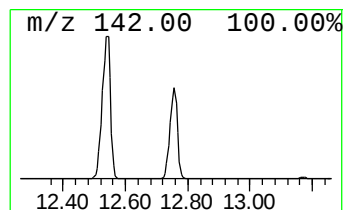
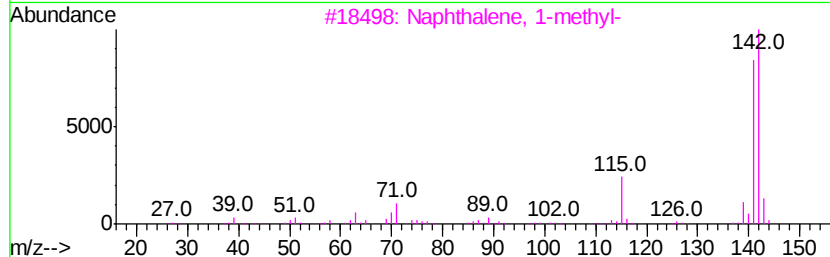
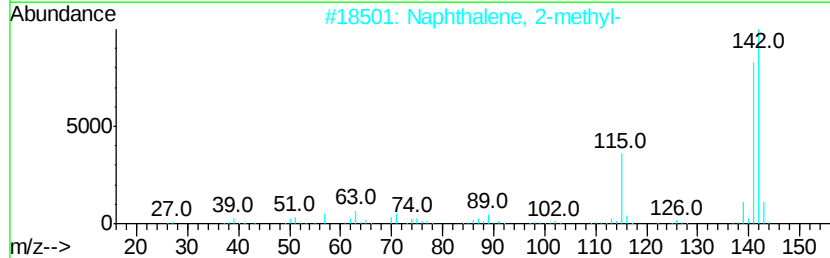
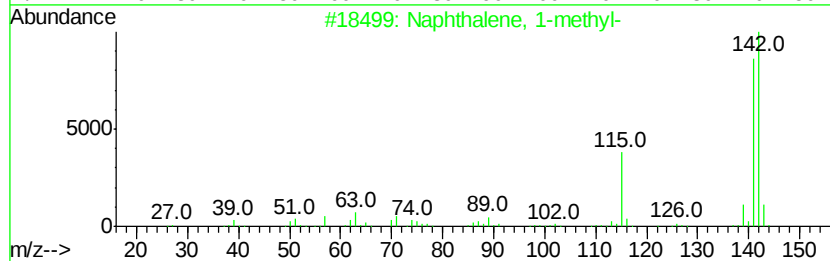
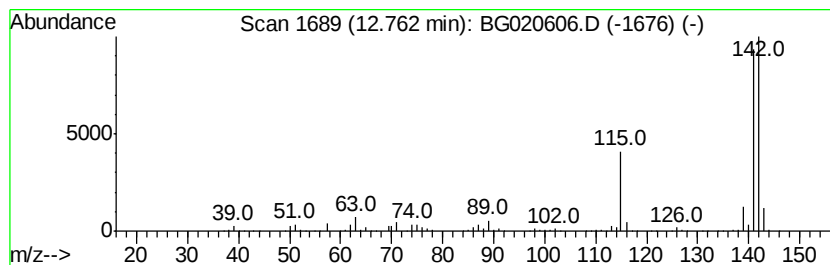
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Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.92 ng/ul	2227180	Naphthalene-d8	10.89

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\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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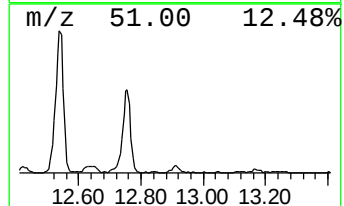
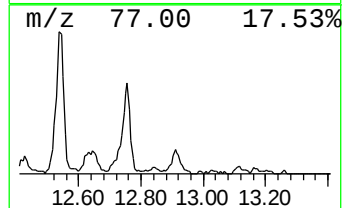
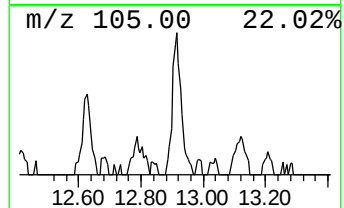
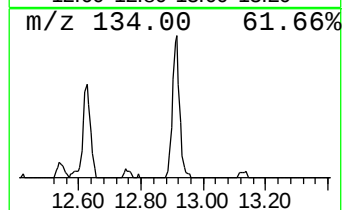
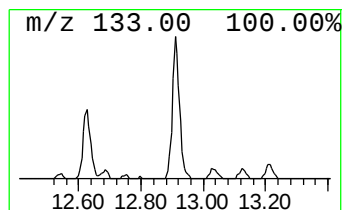
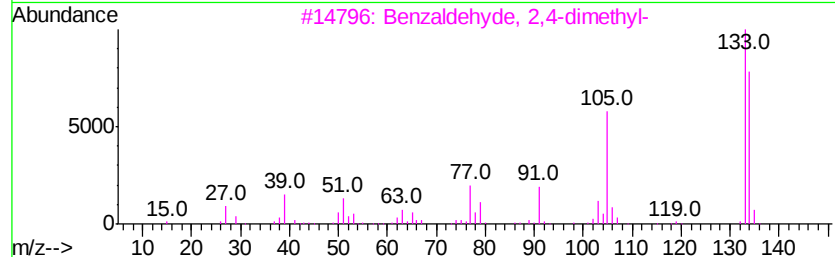
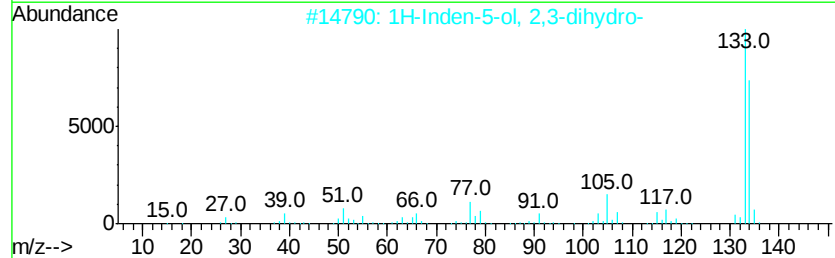
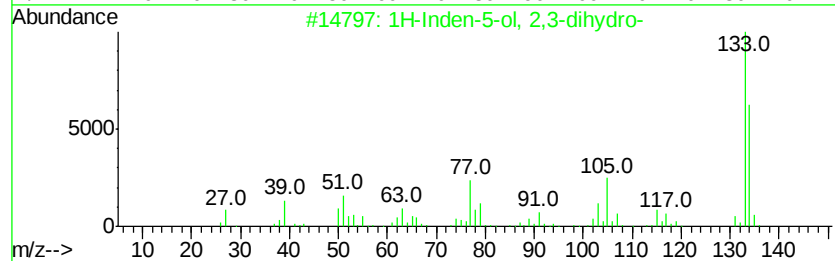
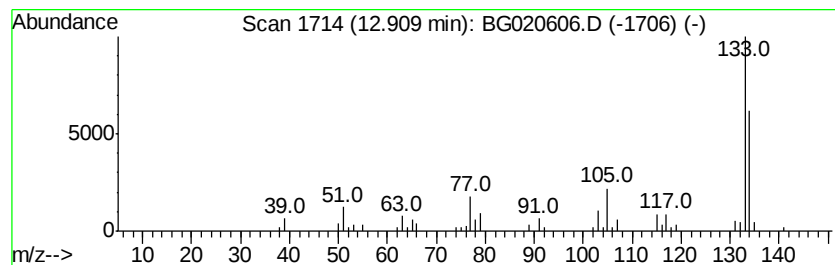
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	4.06 ng/ul	63537	Acenaphthene-d10	14.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	94
2		1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	76
3		Benzaldehyde, 2,4-dimethyl-	134	C9H10O	015764-16-6	64
4		Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	58
5		Benzenemethanol, .alpha.-ethenyl-	134	C9H10O	004393-06-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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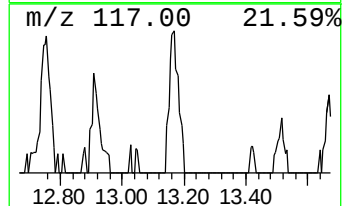
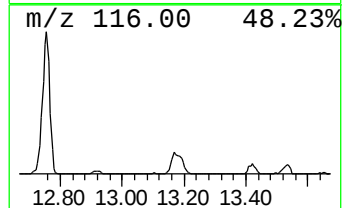
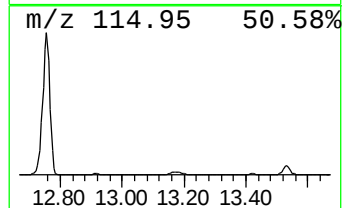
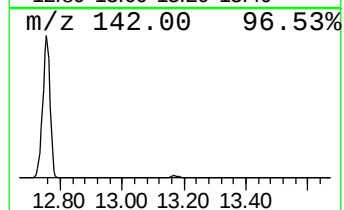
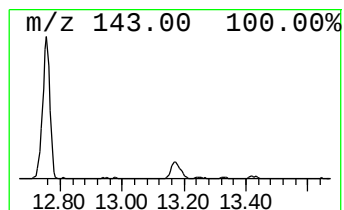
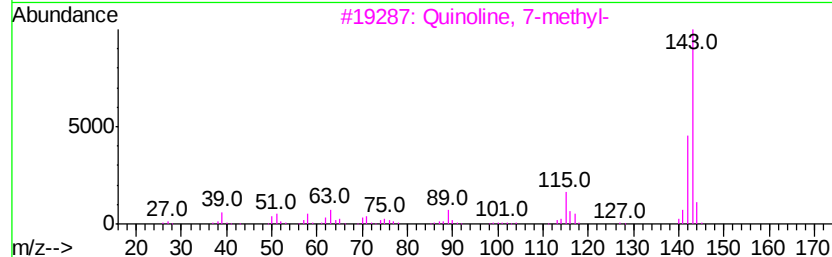
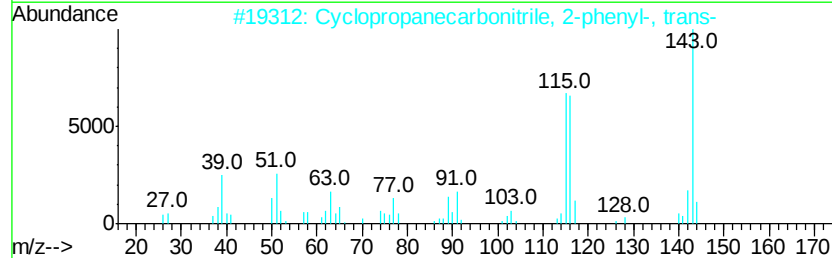
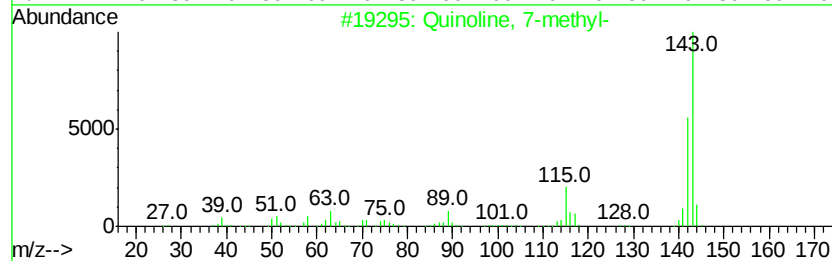
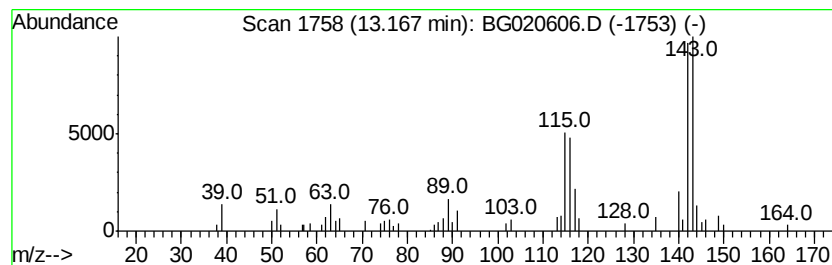
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Quinoline, 7-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.35 ng/ul	68142	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	70
2		Cyclopropanecarbonitrile, 2-phen...	143	C10H9N	005590-14-7	64
3		Quinoline, 7-methyl-	143	C10H9N	000612-60-2	62
4		1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	58
5		1-Naphthalenamine	143	C10H9N	000134-32-7	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N53

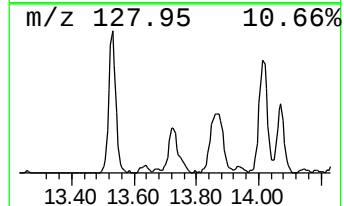
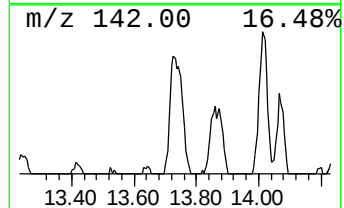
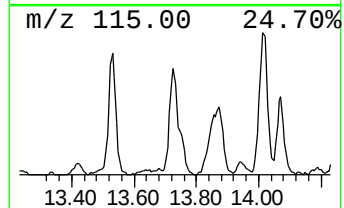
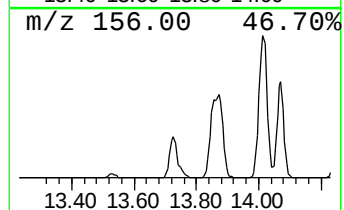
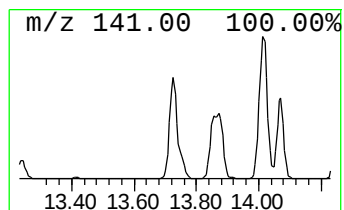
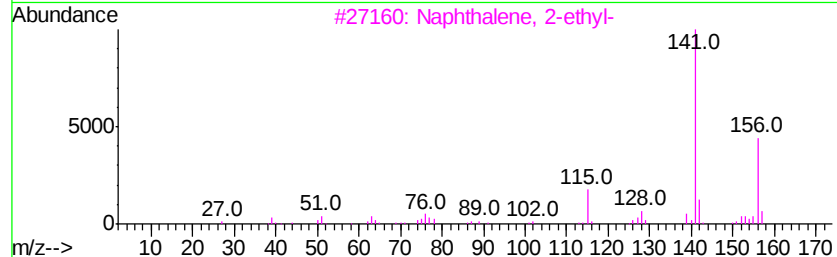
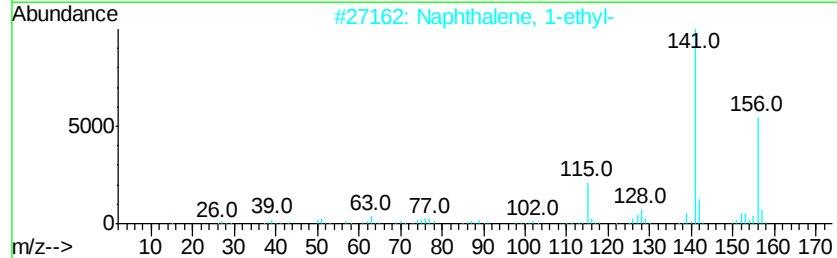
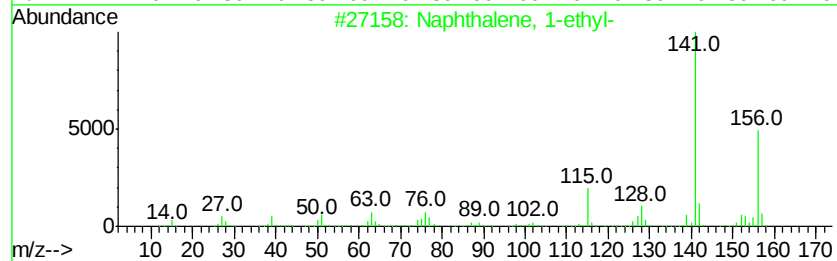
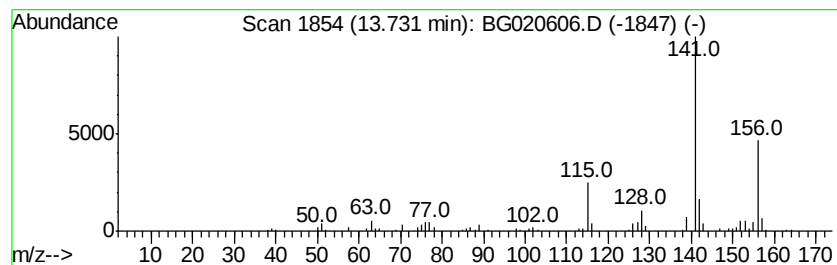
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	15.90 ng/ul	249094	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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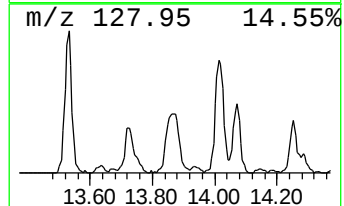
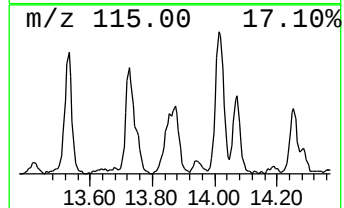
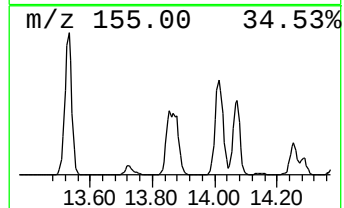
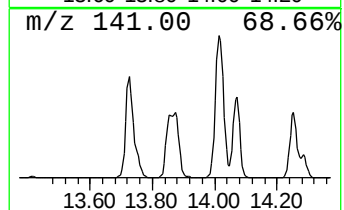
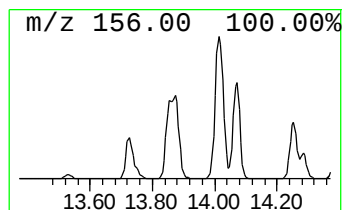
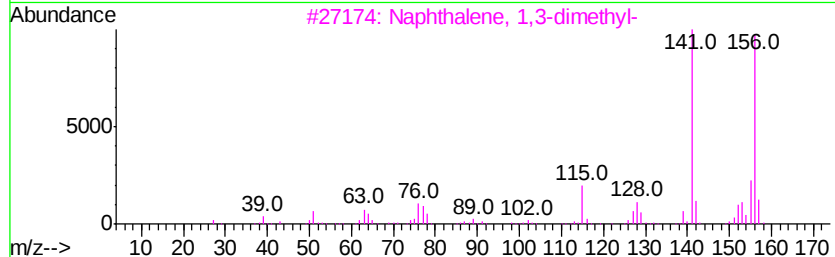
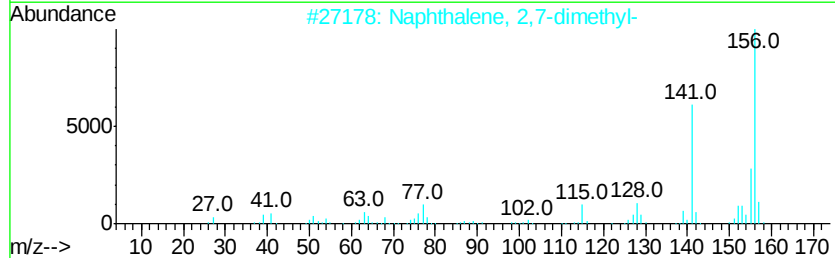
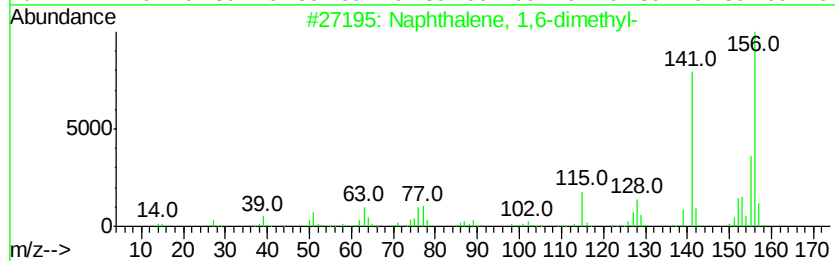
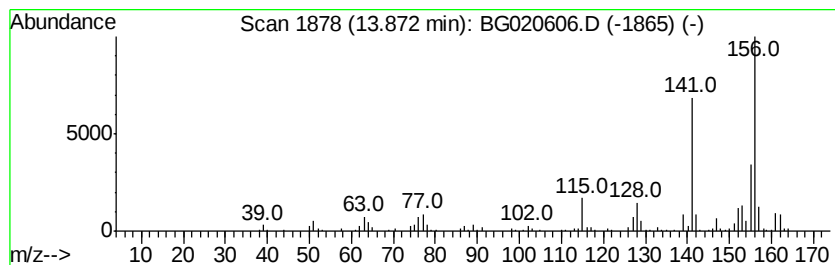
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	27.97 ng/ul	438174	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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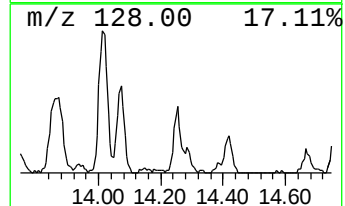
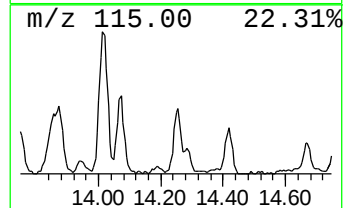
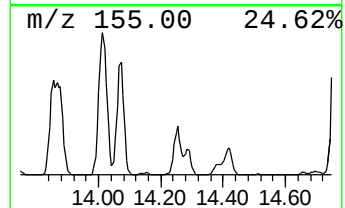
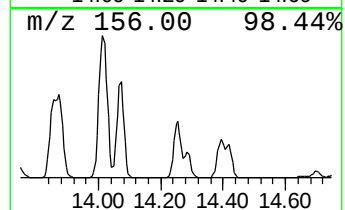
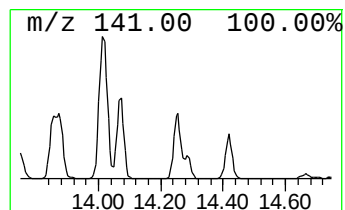
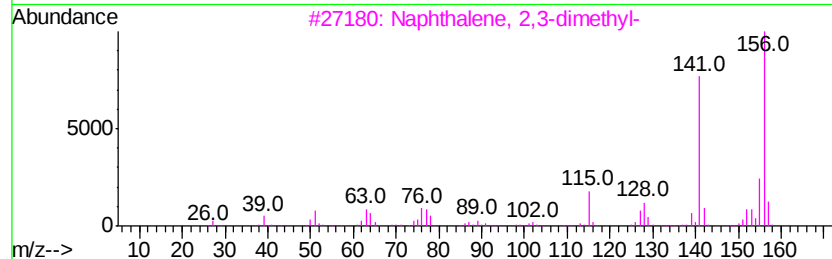
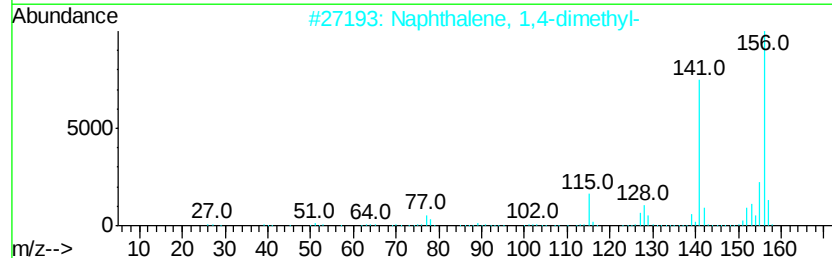
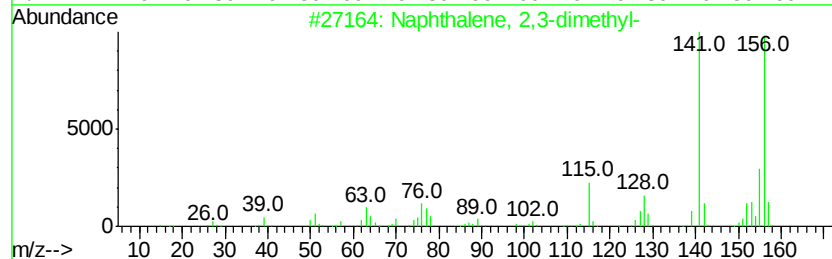
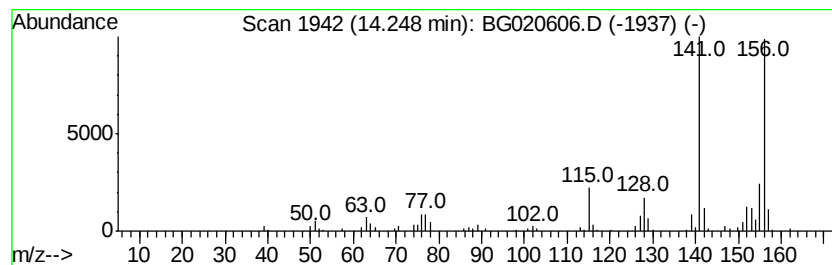
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	10.85 ng/ul	170030	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
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Misc :
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Instrument :
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ClientSampleId :
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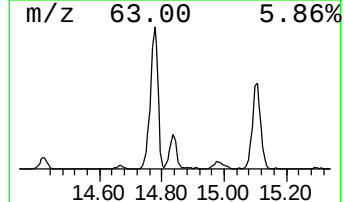
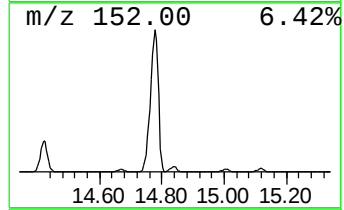
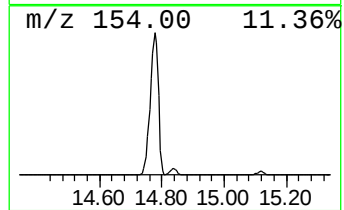
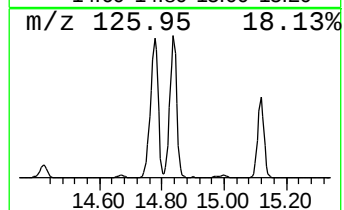
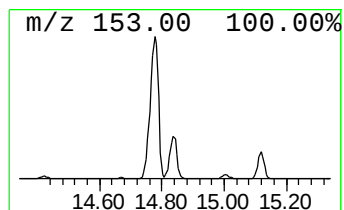
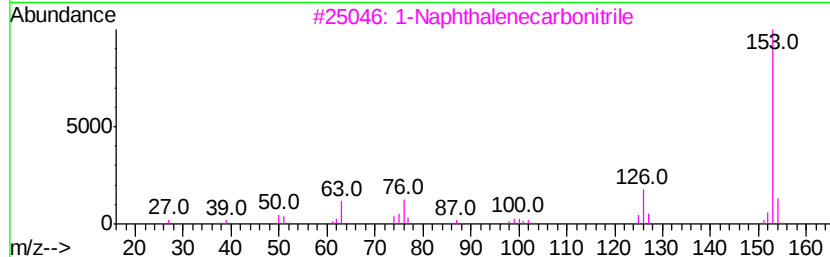
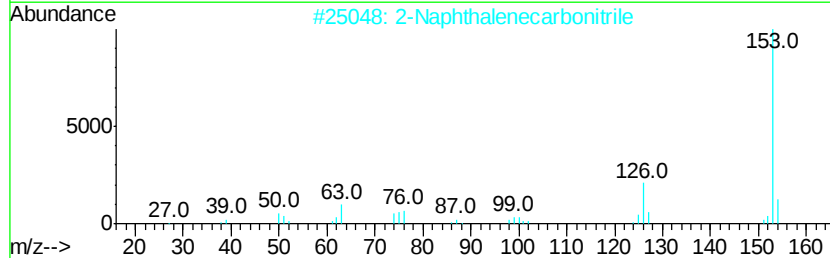
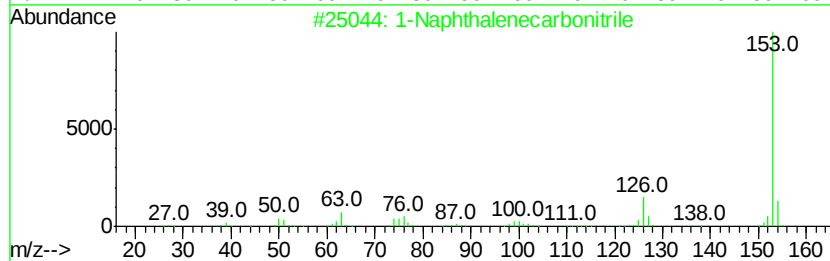
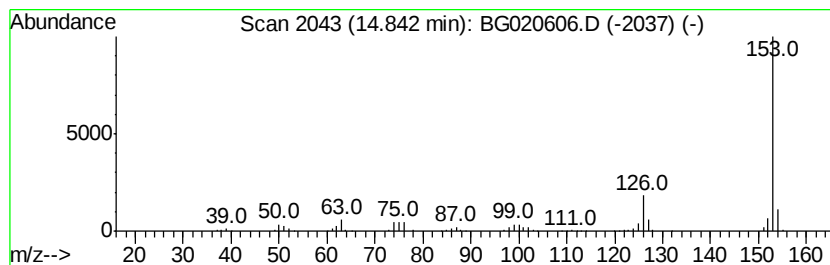
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	53.13 ng/ul	832404	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
2		2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3		1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4		2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5		1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
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Misc :
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ClientSampled :
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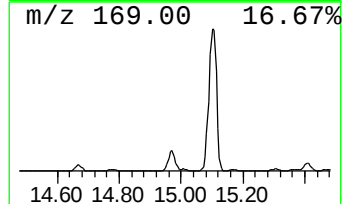
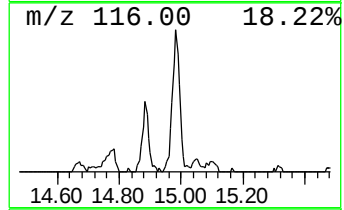
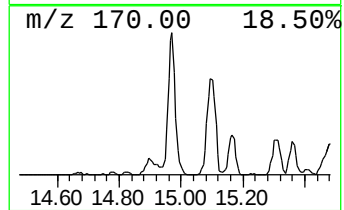
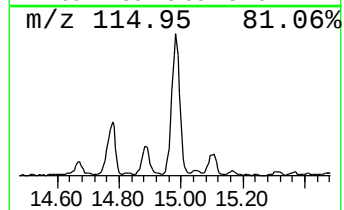
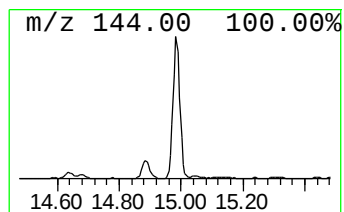
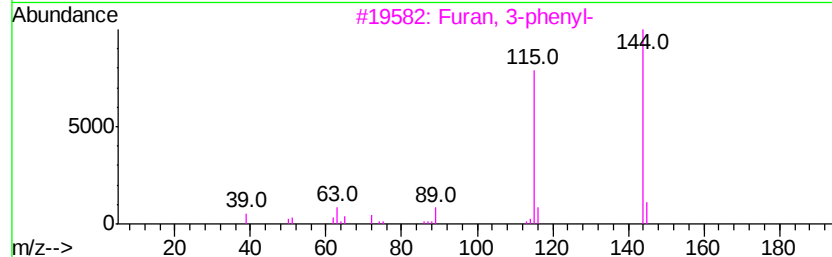
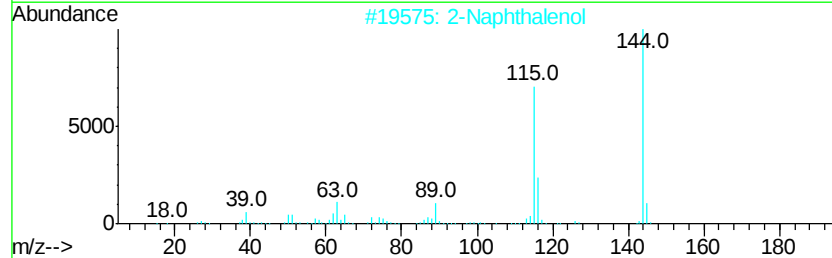
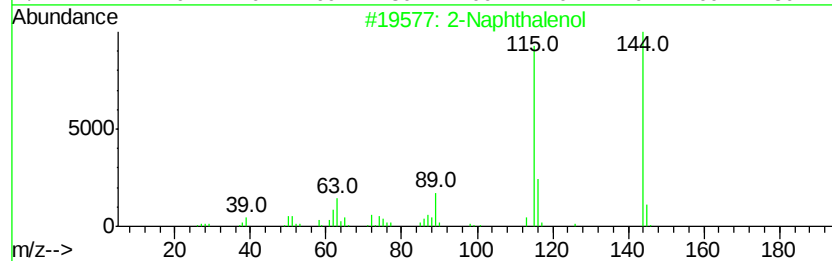
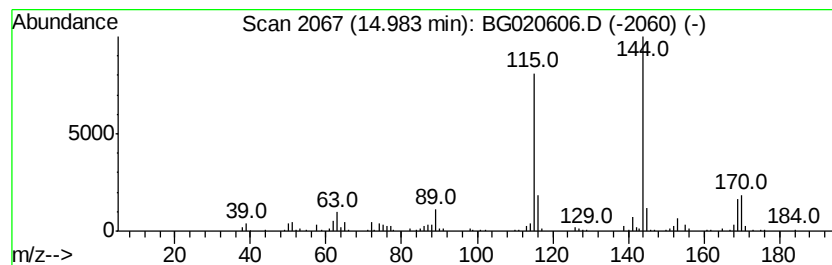
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 2-Naphthalenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	24.86 ng/ul	389465	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenol	144	C10H8O	000135-19-3	95
2		2-Naphthalenol	144	C10H8O	000135-19-3	93
3		Furan, 3-phenyl-	144	C10H8O	013679-41-9	87
4		2-Naphthalenol	144	C10H8O	000135-19-3	86
5		Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N53

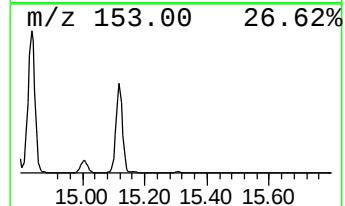
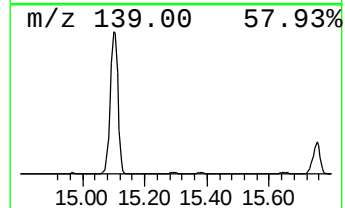
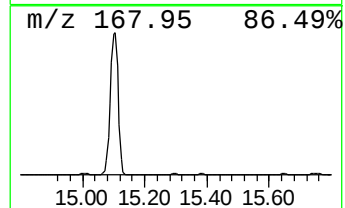
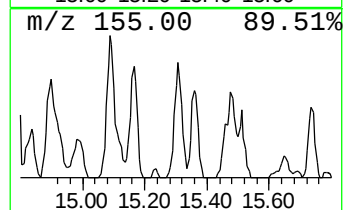
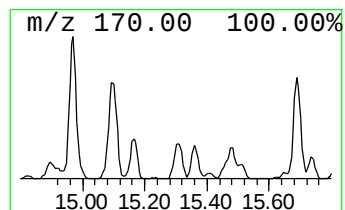
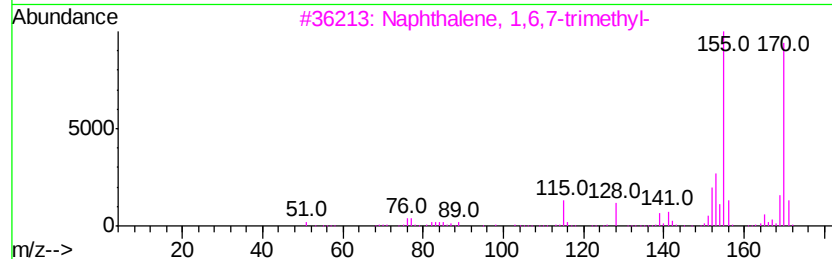
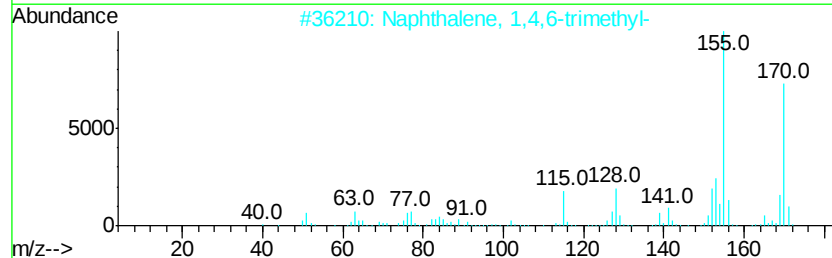
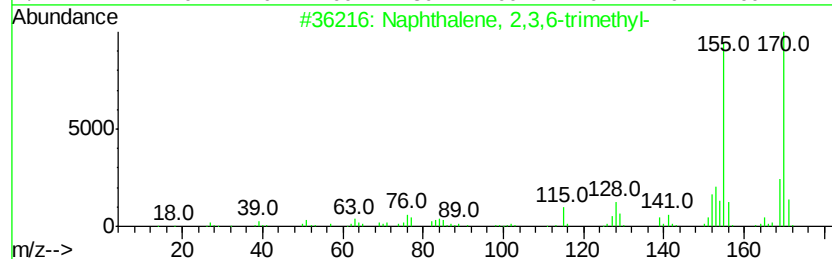
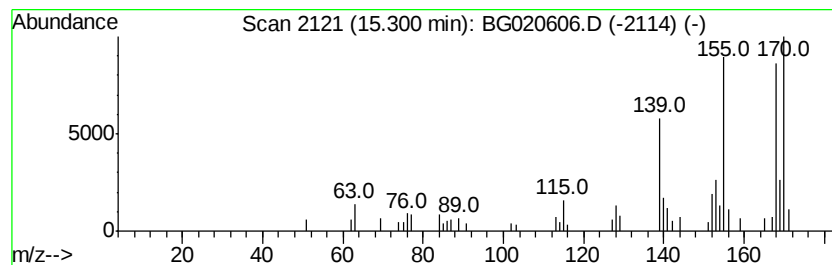
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	4.07 ng/ul	63727	Acenaphthene-d10	14.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
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ClientSampleId :
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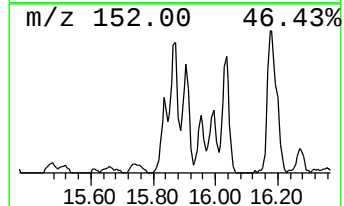
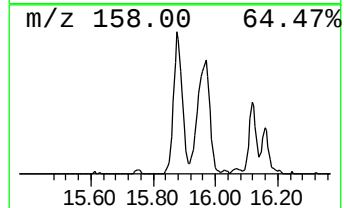
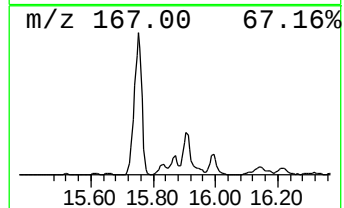
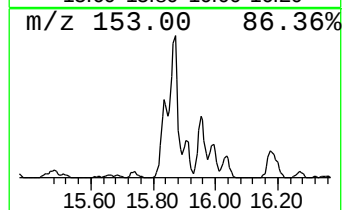
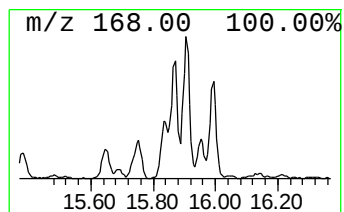
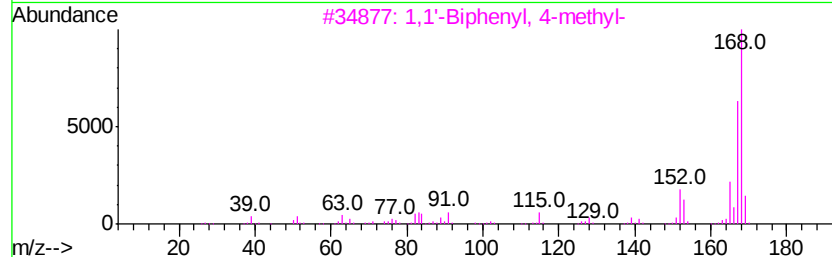
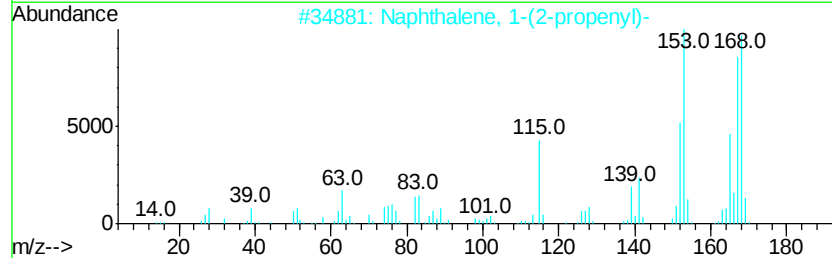
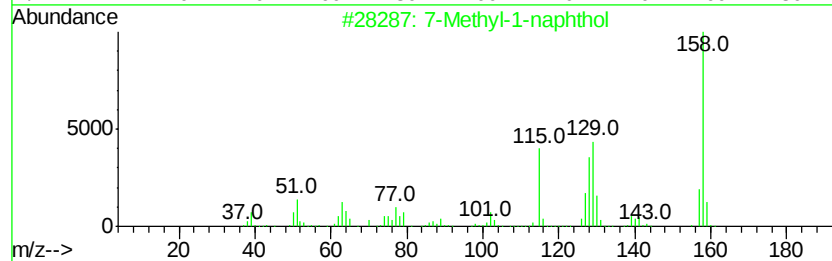
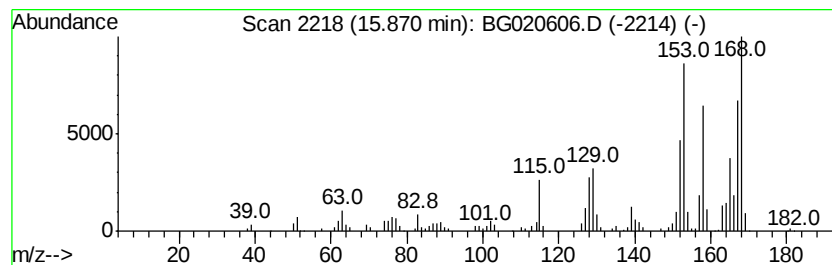
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 7-Methyl-1-naphthol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	17.64 ng/ul	276294	Acenaphthene-d10	14.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methyl-1-naphthol	158	C11H10O	006939-33-9	59
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
4			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	46
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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Operator : UM/SJ
Sample : G4846-07
Misc :
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Instrument :
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ClientSampleId :
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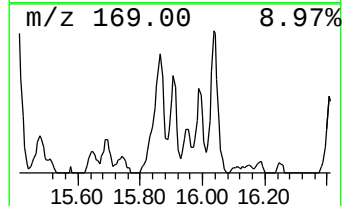
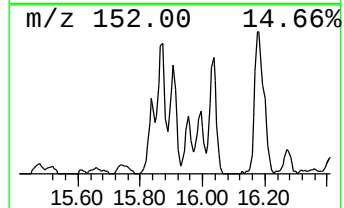
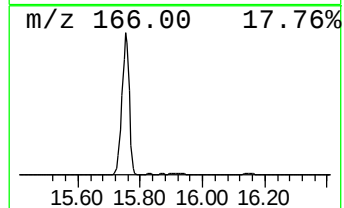
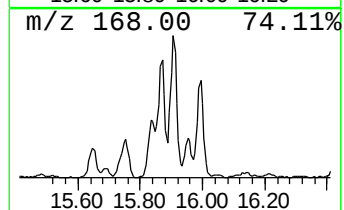
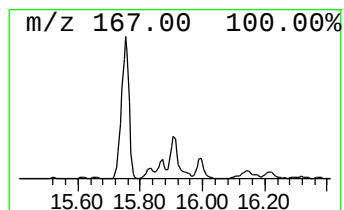
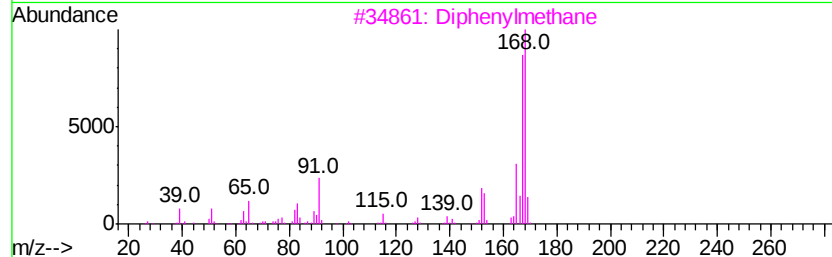
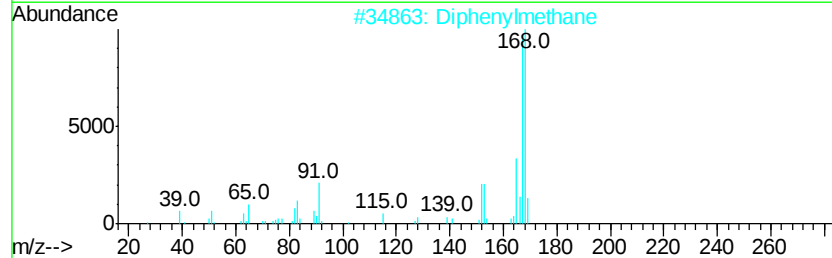
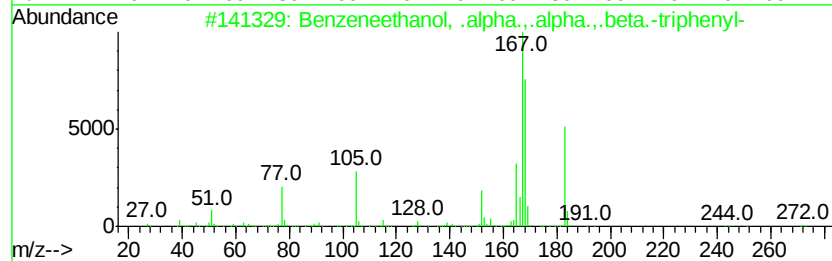
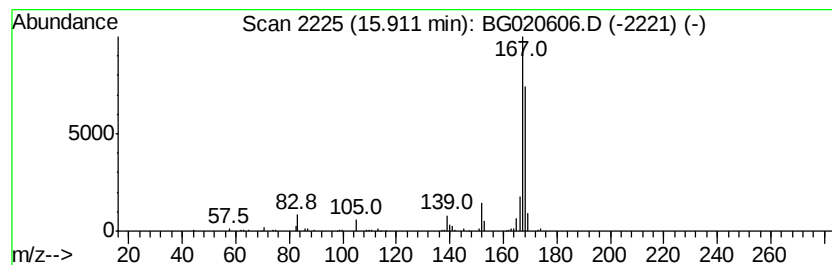
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzeneethanol, .alpha.,.al... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	15.97 ng/ul	250203	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	78
2		Diphenylmethane	168	C13H12	000101-81-5	74
3		Diphenylmethane	168	C13H12	000101-81-5	72
4		Diphenylmethane	168	C13H12	000101-81-5	64
5		Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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Misc :
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ClientSampleId :
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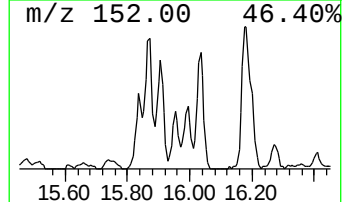
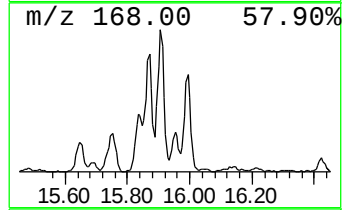
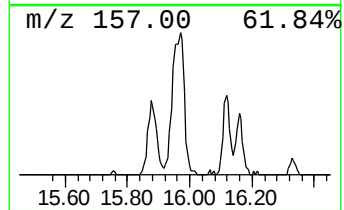
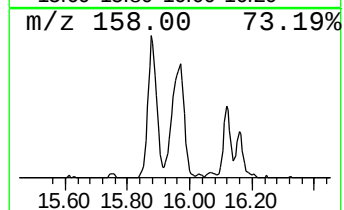
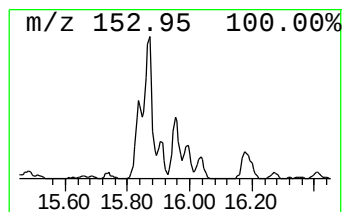
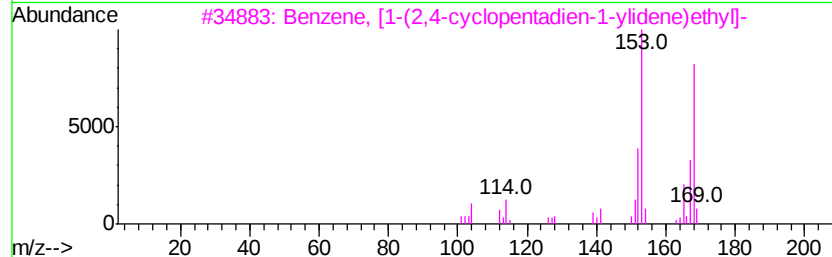
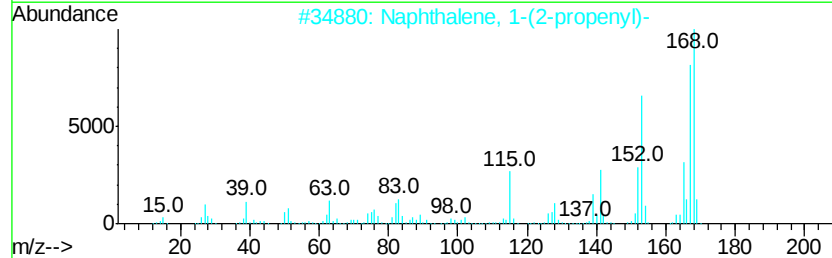
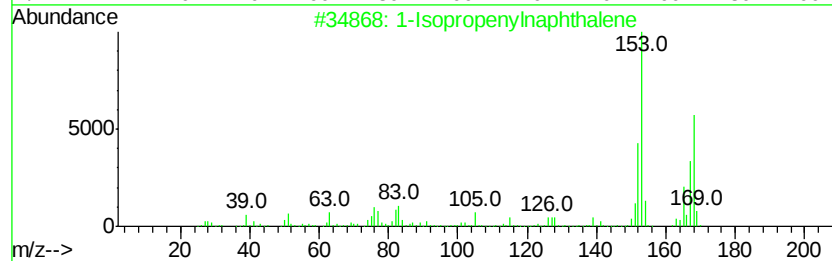
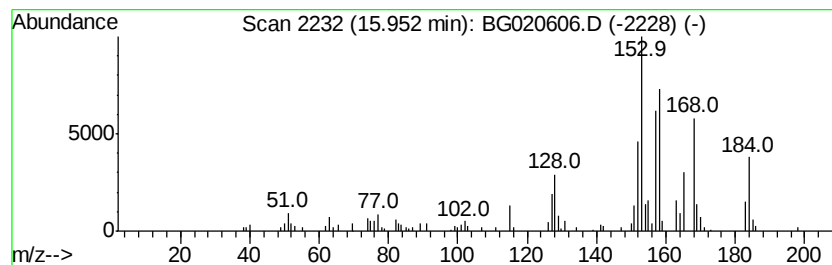
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	9.56 ng/ul	149812	Acenaphthene-d10	14.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	41
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
3			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	27
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	22
5			Benzaldehyde, 2,6-difluoro-3-hyd...	158	C7H4F2O2	152434-88-3	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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Misc :
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Instrument :
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ClientSampleId :
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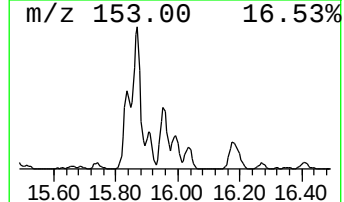
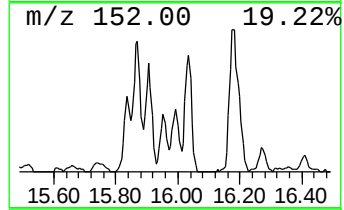
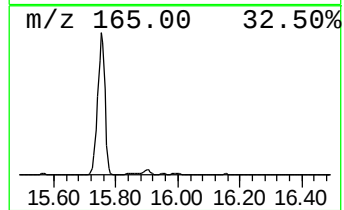
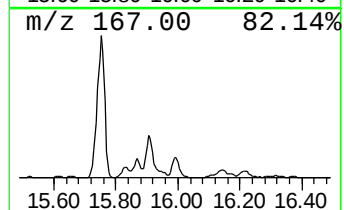
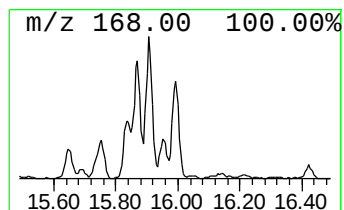
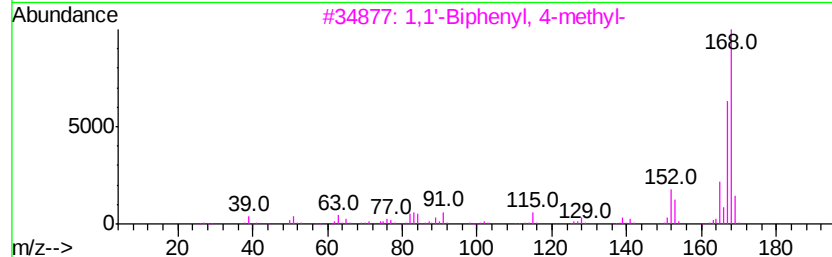
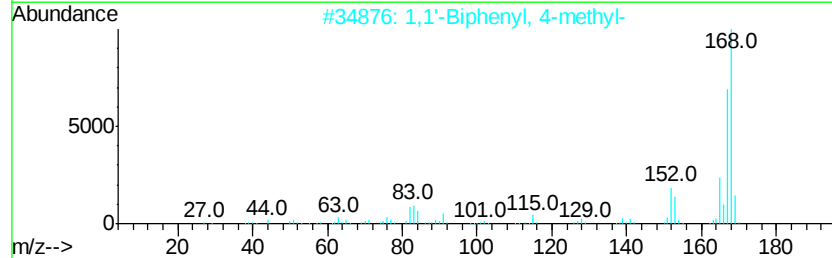
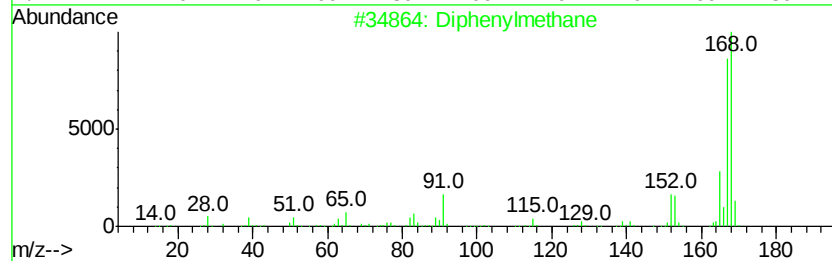
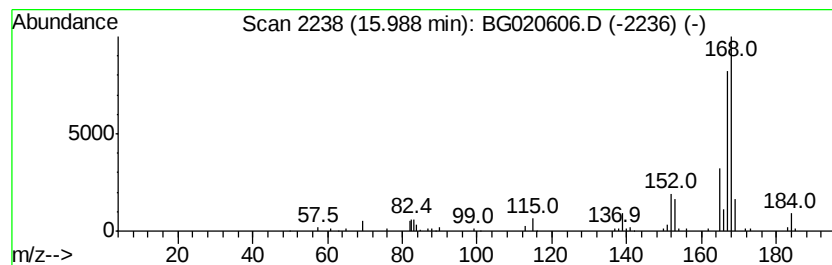
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Diphenylmethane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	7.75 ng/ul	121442	Acenaphthene-d10	14.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	74
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
4			Diphenylmethane	168	C13H12	000101-81-5	72
5			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
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Misc :
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ClientSampleId :
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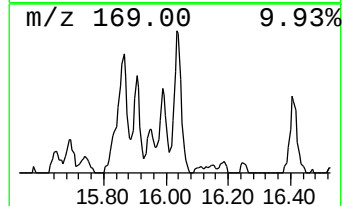
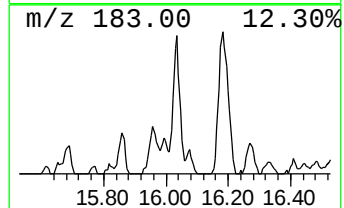
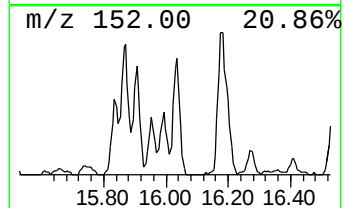
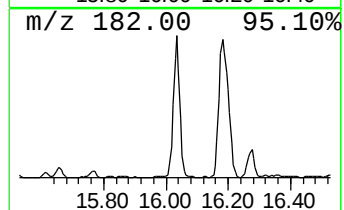
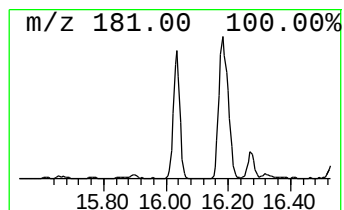
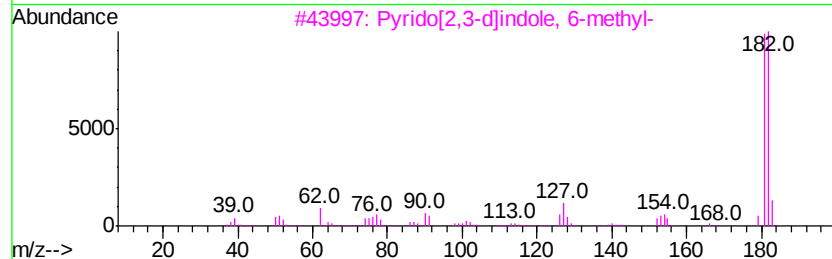
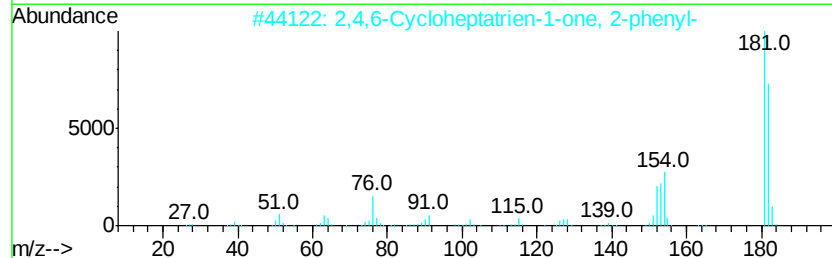
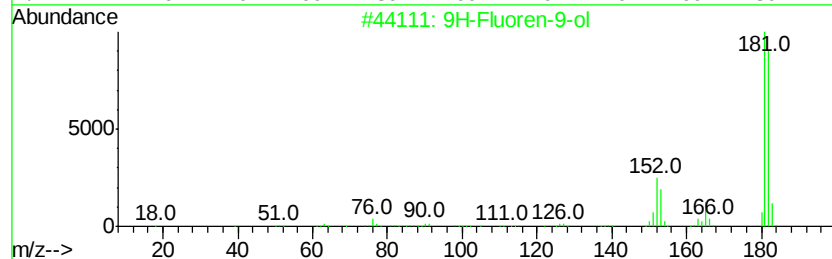
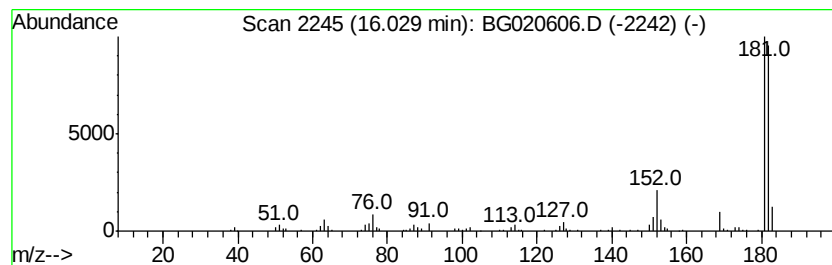
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9H-Fluoren-9-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	13.87 ng/ul	217264	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3		Pyrrodo[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
4		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
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Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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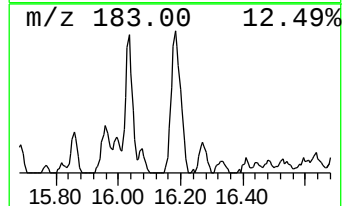
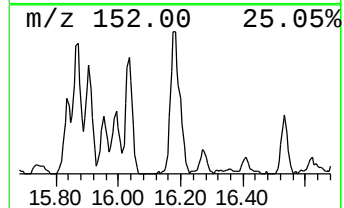
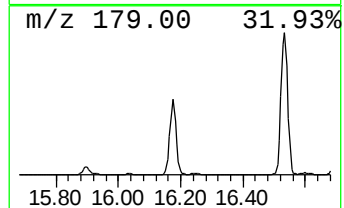
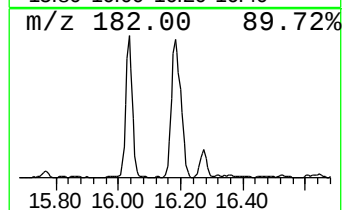
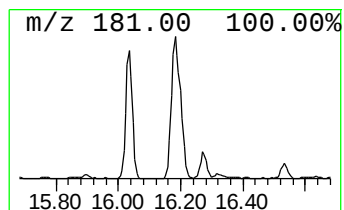
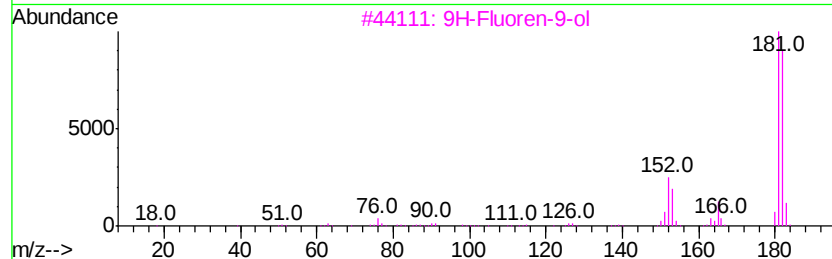
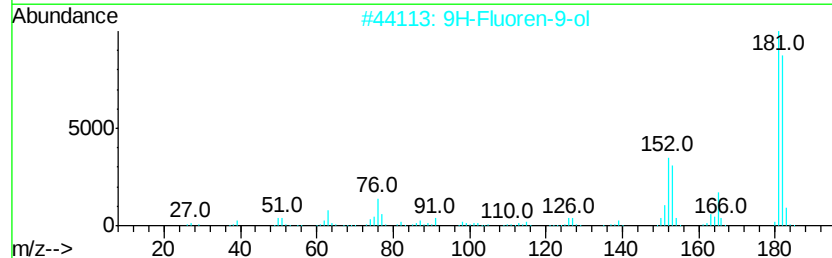
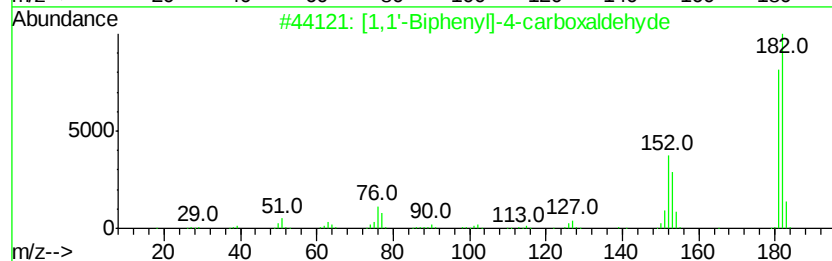
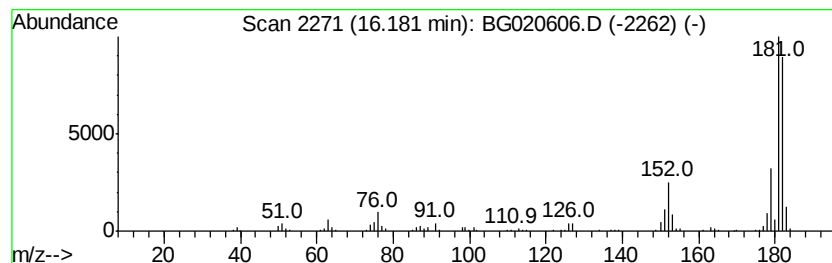
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	19.29 ng/ul	447996	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
4		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N53

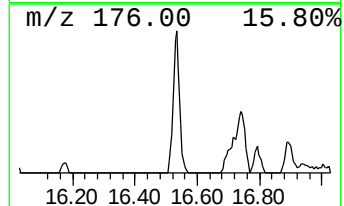
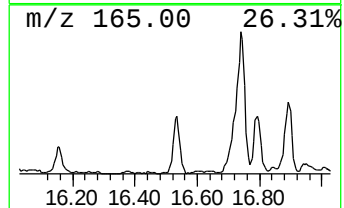
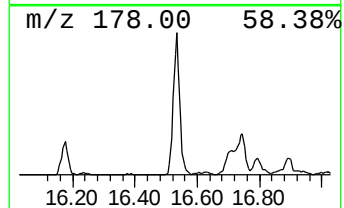
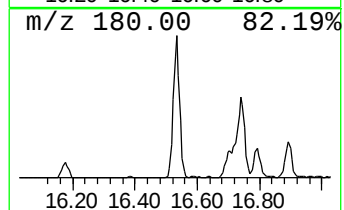
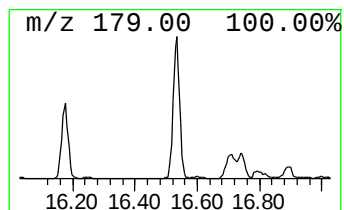
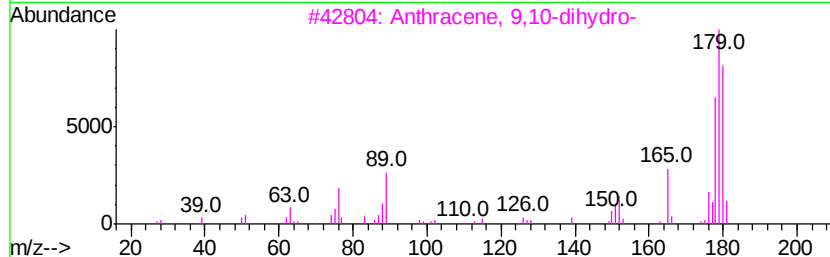
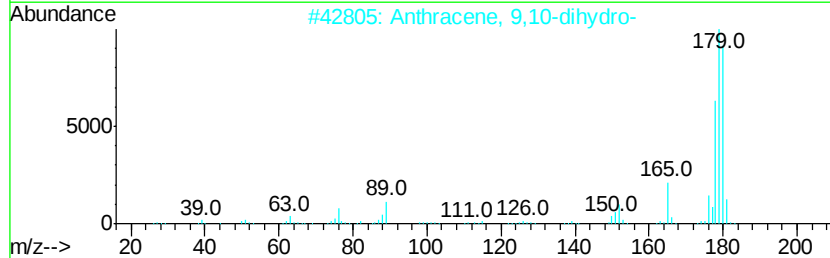
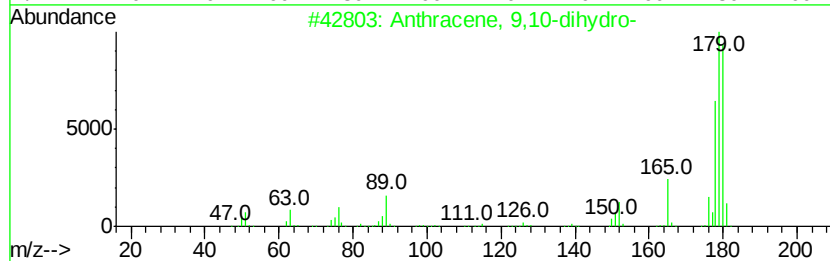
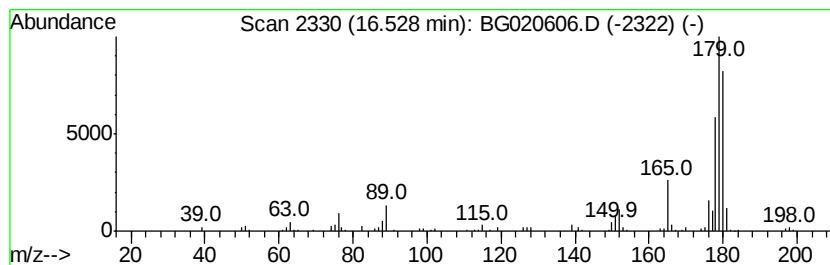
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Anthracene, 9,10-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	10.56 ng/ul	245314	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
4		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5		Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N53

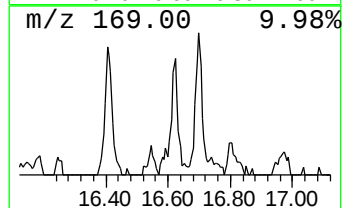
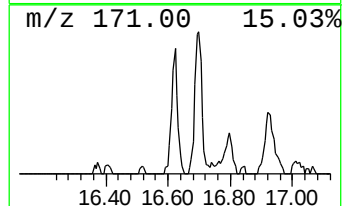
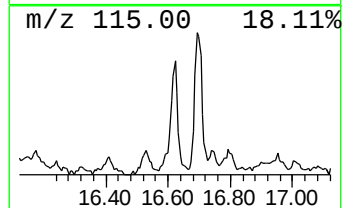
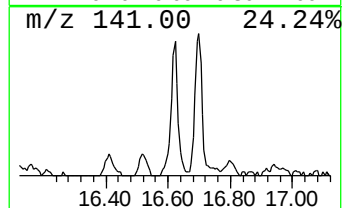
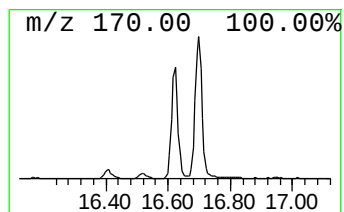
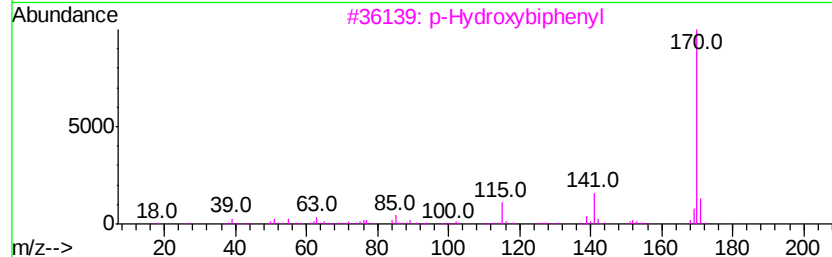
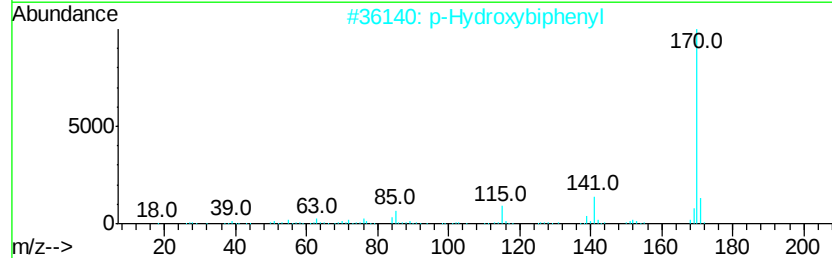
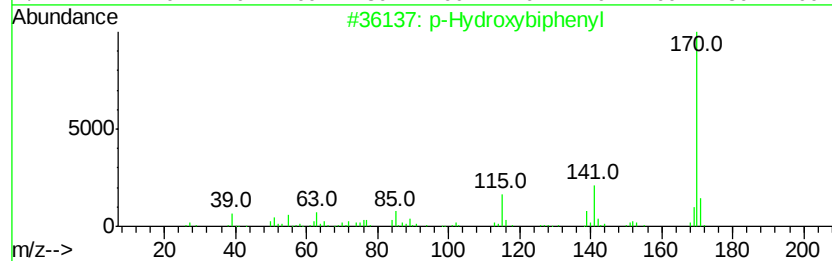
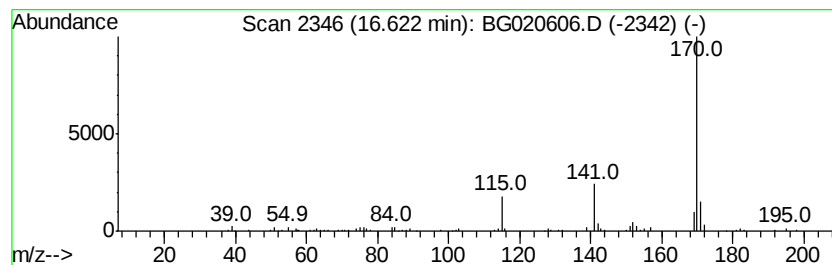
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 p-Hydroxybiphenyl Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	5.45 ng/ul	126567	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
2			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
3			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
4			[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	87
5			[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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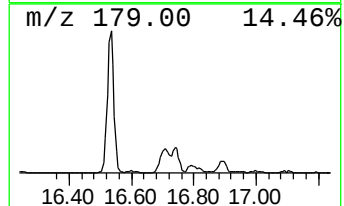
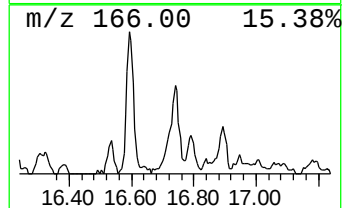
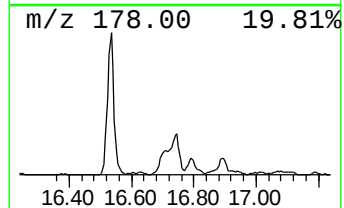
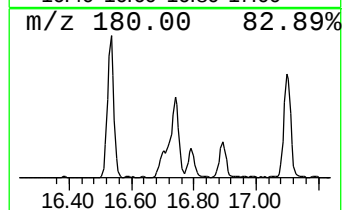
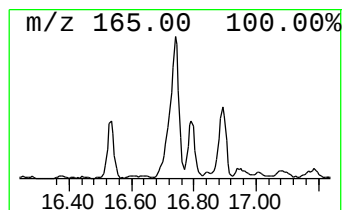
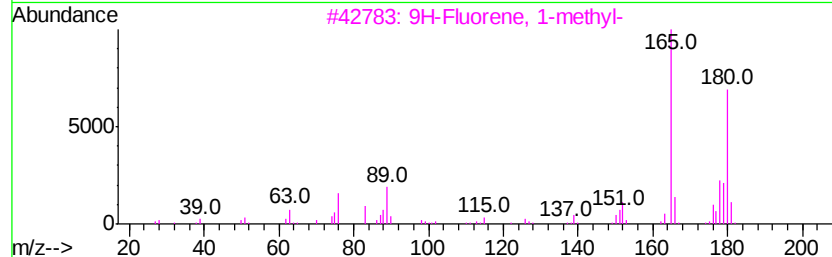
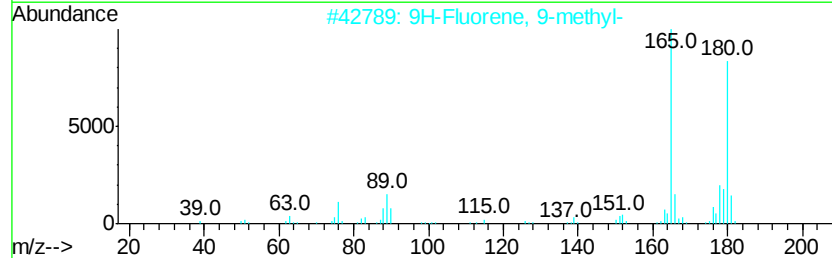
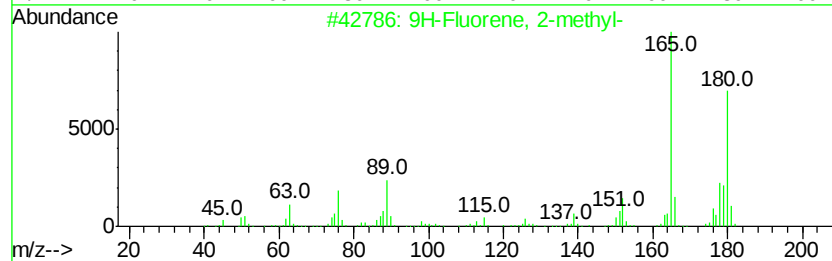
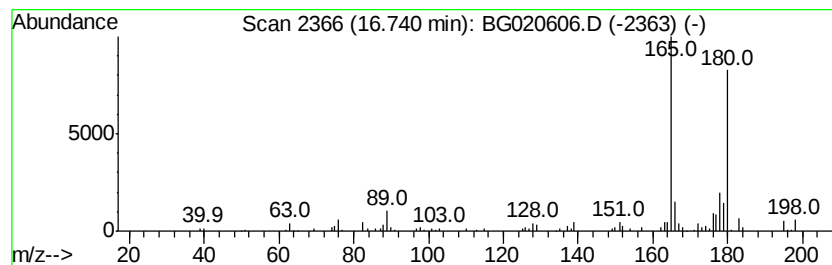
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 9H-Fluorene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	6.02 ng/ul	139688	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	72
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	68
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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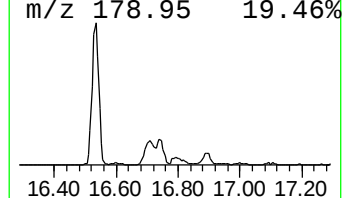
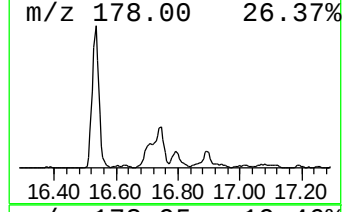
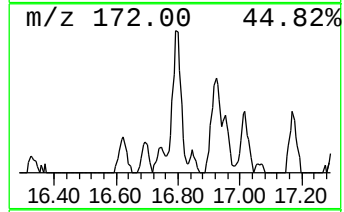
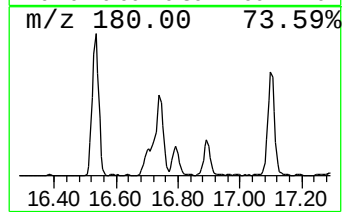
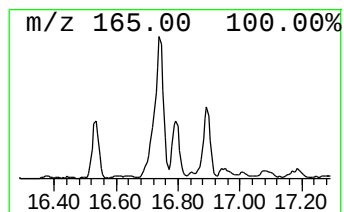
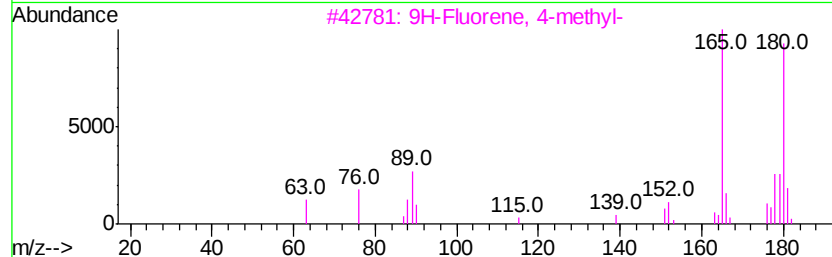
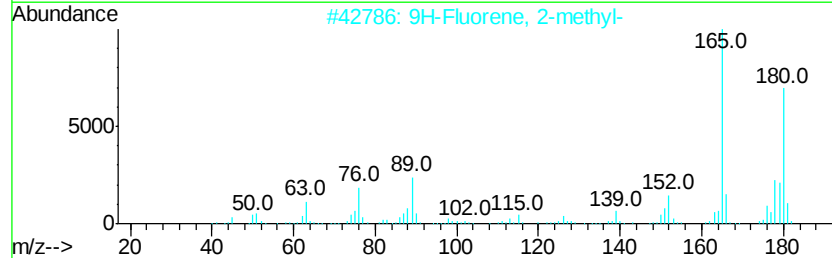
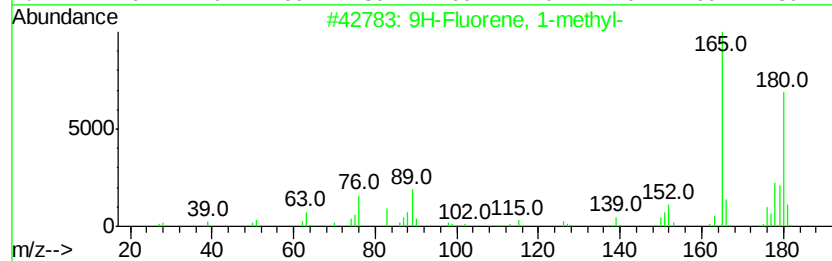
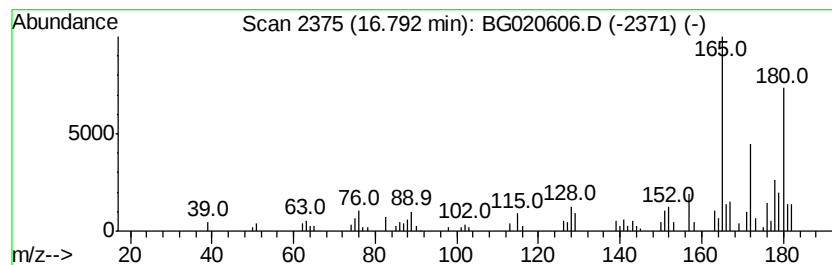
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluorene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	4.16 ng/ul	96517	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
3			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	83
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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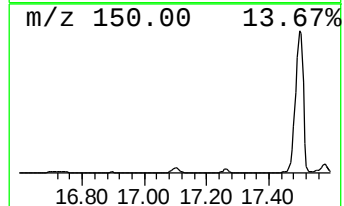
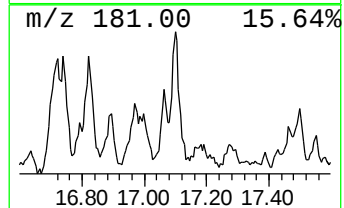
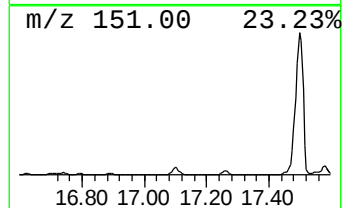
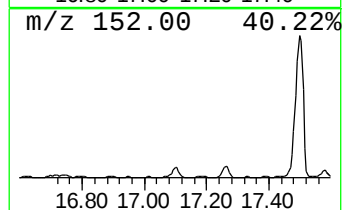
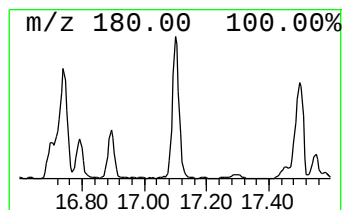
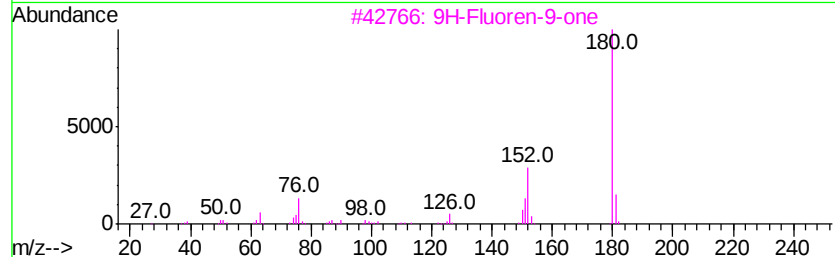
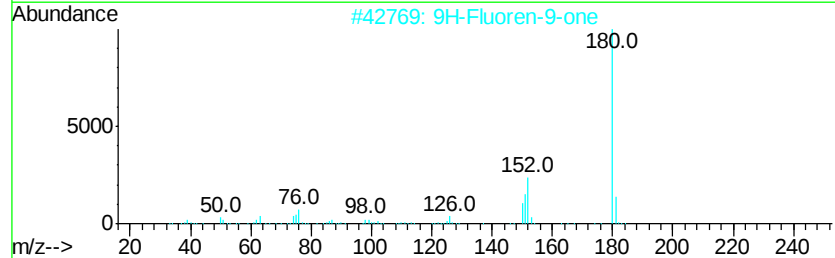
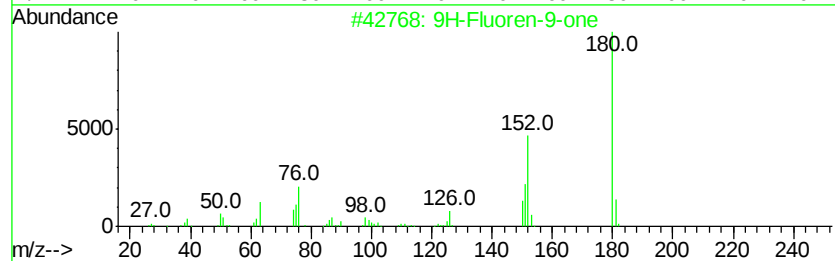
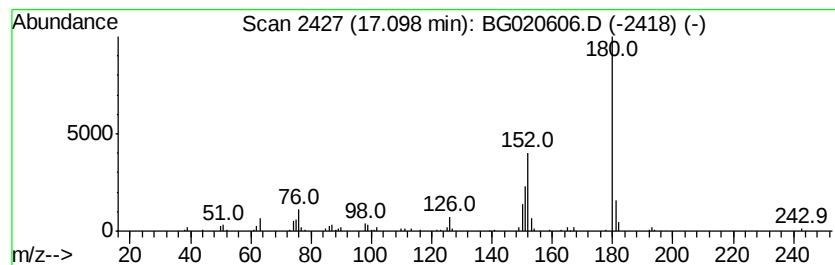
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Fluoren-9-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	5.71 ng/ul	132683	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
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Sample : G4846-07
Misc :
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ClientSampleId :
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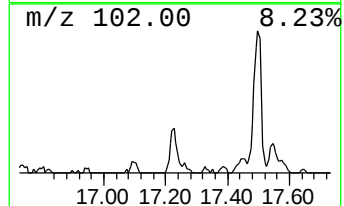
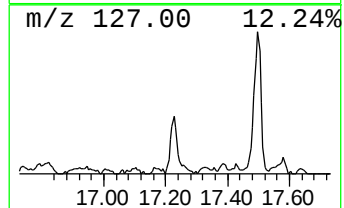
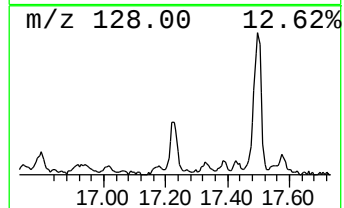
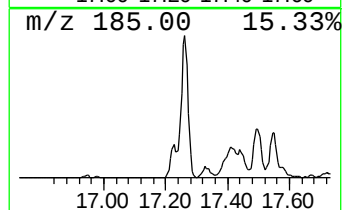
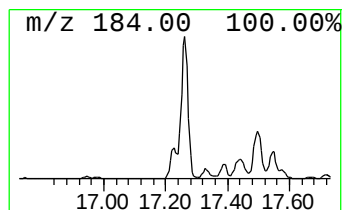
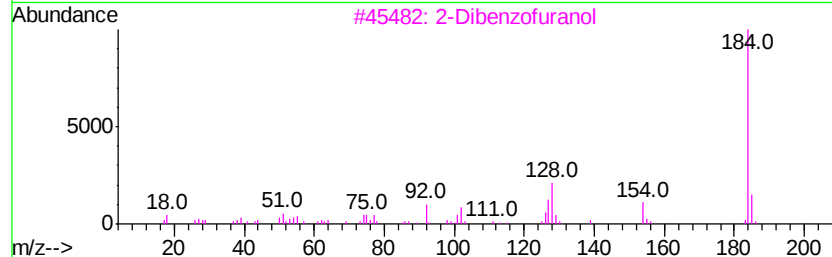
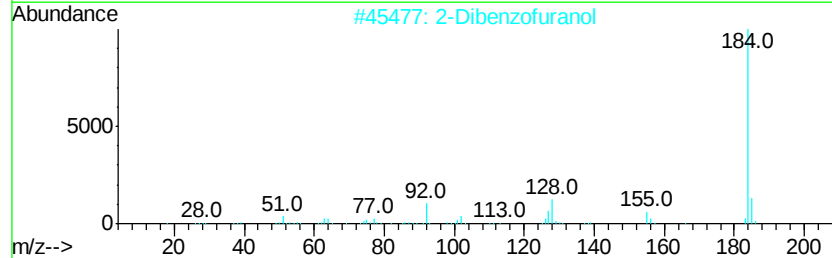
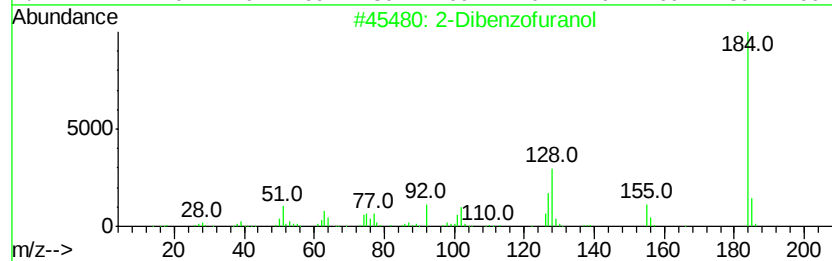
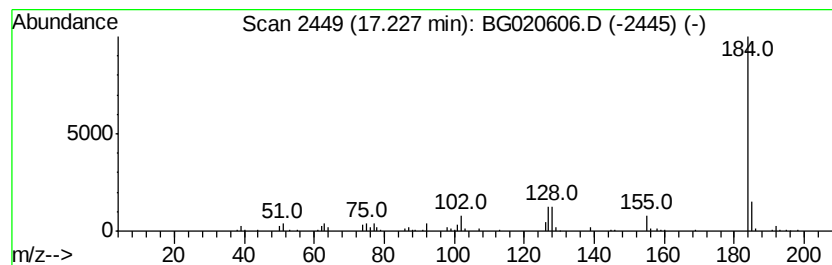
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 2-Dibenzofuranol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	3.51 ng/ul	81536	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2		2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3		2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
4		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	83
5		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N53

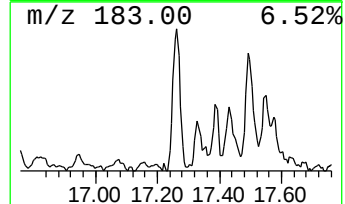
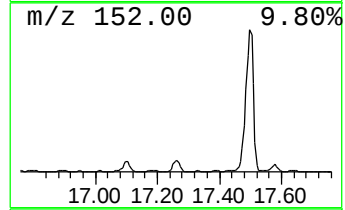
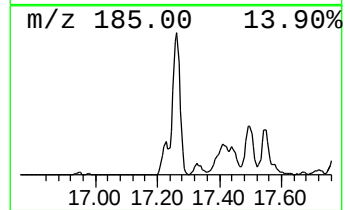
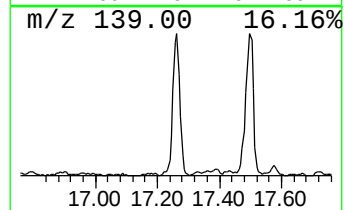
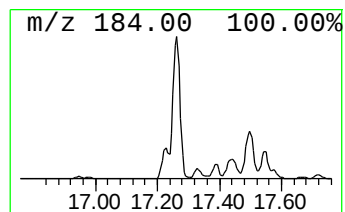
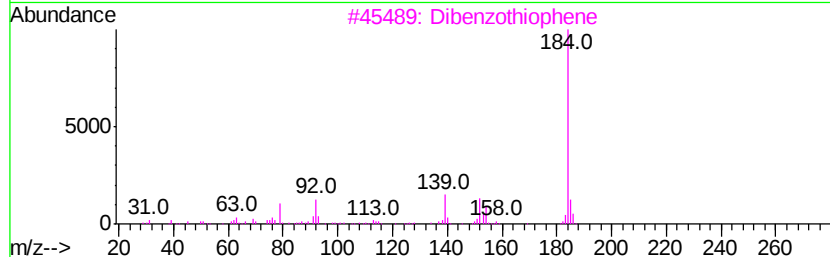
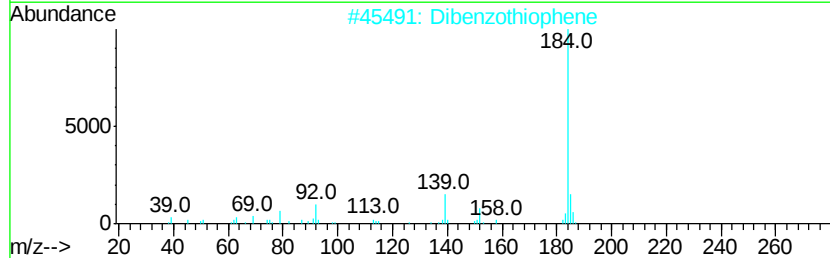
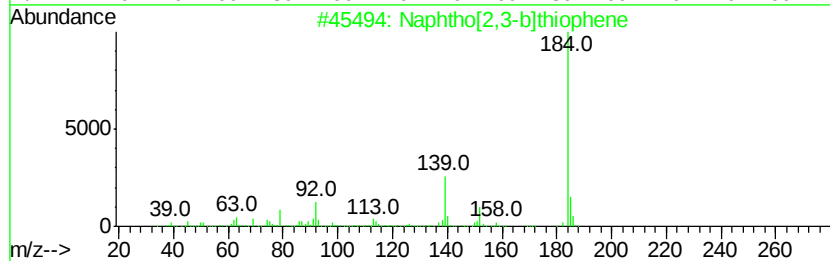
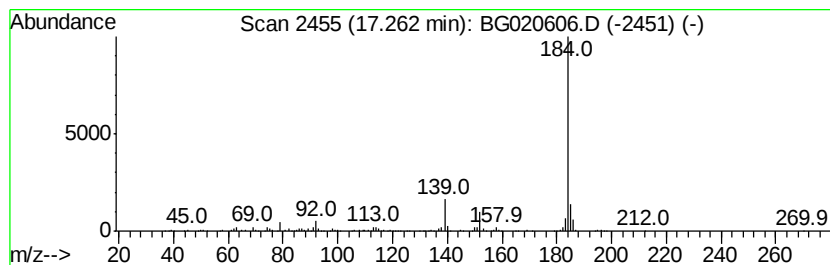
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Naphtho[2,3-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	18.88 ng/ul	438373	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020606.D
Acq On : 30 Dec 2015 13:18
Operator : UM/SJ
Sample : G4846-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N53

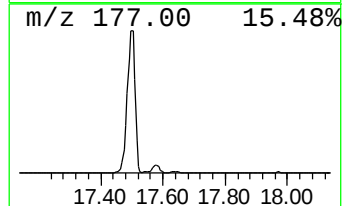
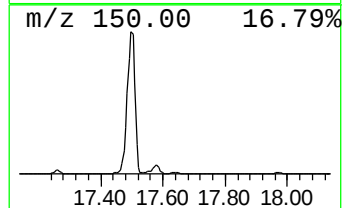
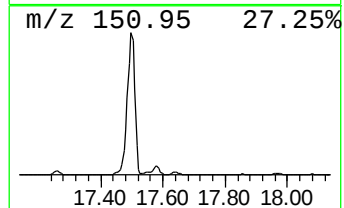
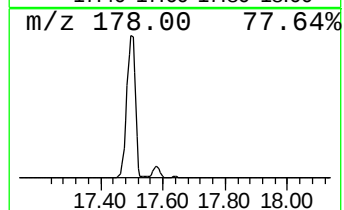
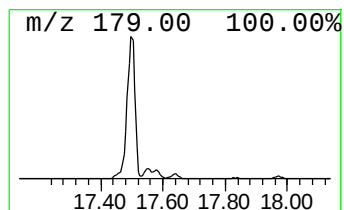
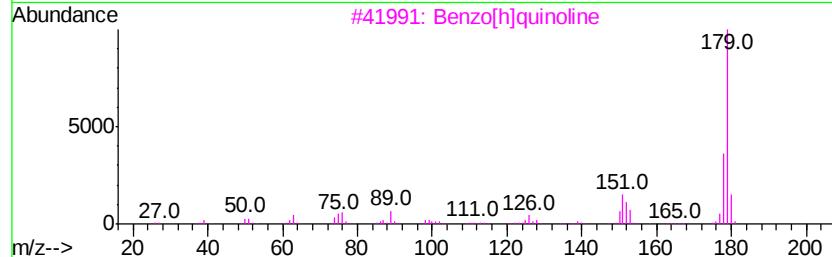
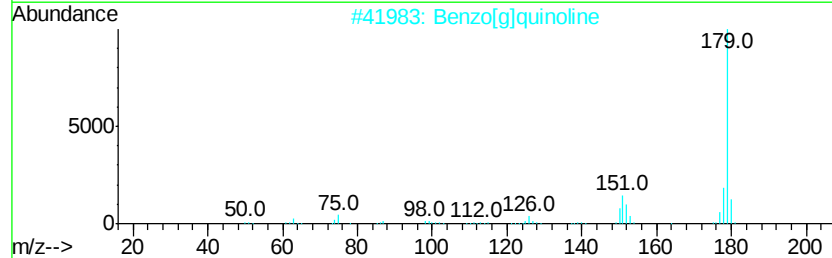
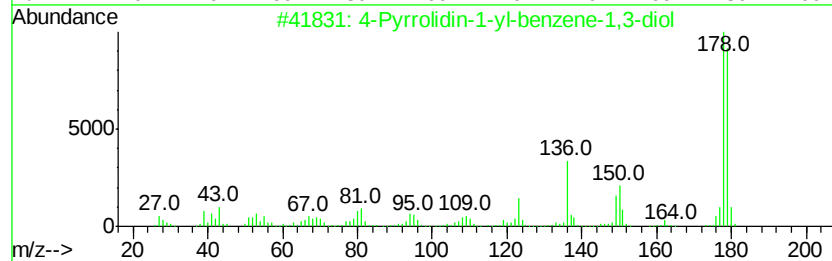
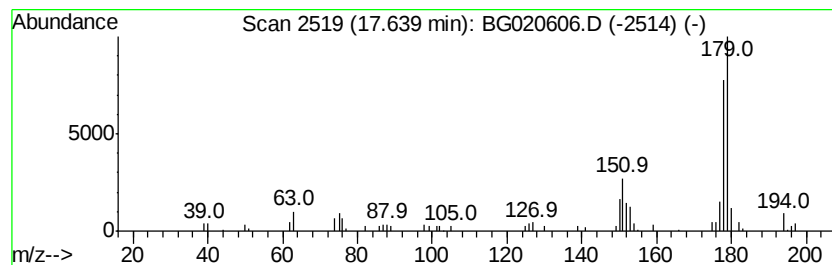
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 4-Pyrrolidin-1-yl-benzene-1... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	3.18 ng/ul	73760	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Pyrrolidin-1-yl-benzene-1,3-diol	179	C10H13NO2	1000185-84-8	72
2		Benzo[g]quinoline	179	C13H9N	000260-36-6	60
3		Benzo[h]quinoline	179	C13H9N	000230-27-3	58
4		Benzo[h]isoquinoline	179	C13H9N	000229-71-0	58
5		Benzo[h]quinoline	179	C13H9N	000230-27-3	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020606.D
 Acq On : 30 Dec 2015 13:18
 Operator : UM/SJ
 Sample : G4846-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.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
Indane	8.43	20.6	ng/ul	135479	1	8.06	131200	20.0
Benzene, 1-propynyl-	8.60	109.2	ng/ul	716045	1	8.06	131200	20.0
Naphthalene, 1-me...	12.76	2.9	ng/ul	2227180	2	10.89	15244500	20.0
1H-Inden-5-ol, 2,...	12.91	4.1	ng/ul	63537	3	14.70	313319	20.0
Quinoline, 7-methyl-	13.17	4.3	ng/ul	68142	3	14.70	313319	20.0
Naphthalene, 1-et...	13.73	15.9	ng/ul	249094	3	14.70	313319	20.0
Naphthalene, 1,6-...	13.87	28.0	ng/ul	438174	3	14.70	313319	20.0
Naphthalene, 2,3-...	14.25	10.9	ng/ul	170030	3	14.70	313319	20.0
1-Naphthalenecarb...	14.84	53.1	ng/ul	832404	3	14.70	313319	20.0
2-Naphthalenol	14.98	24.9	ng/ul	389465	3	14.70	313319	20.0
Naphthalene, 2,3,...	15.30	4.1	ng/ul	63727	3	14.70	313319	20.0
7-Methyl-1-naphthol	15.87	17.6	ng/ul	276294	3	14.70	313319	20.0
Benzeneethanol,	15.91	16.0	ng/ul	250203	3	14.70	313319	20.0
unknown-01	15.95	9.6	ng/ul	149812	3	14.70	313319	20.0
Diphenylmethane	15.99	7.8	ng/ul	121442	3	14.70	313319	20.0
9H-Fluoren-9-ol	16.03	13.9	ng/ul	217264	3	14.70	313319	20.0
[1,1'-Biphenyl]-4...	16.18	19.3	ng/ul	447996	4	17.44	464394	20.0
Anthracene, 9,10-...	16.53	10.6	ng/ul	245314	4	17.44	464394	20.0
p-Hydroxybiphenyl	16.62	5.5	ng/ul	126567	4	17.44	464394	20.0
9H-Fluorene, 2-me...	16.74	6.0	ng/ul	139688	4	17.44	464394	20.0
9H-Fluorene, 1-me...	16.79	4.2	ng/ul	96517	4	17.44	464394	20.0
9H-Fluoren-9-one	17.10	5.7	ng/ul	132683	4	17.44	464394	20.0
2-Dibenzofuranol	17.23	3.5	ng/ul	81536	4	17.44	464394	20.0
Naphtho[2,3-b]thi...	17.26	18.9	ng/ul	438373	4	17.44	464394	20.0
4-Pyrrolidin-1-yl...	17.64	3.2	ng/ul	73760	4	17.44	464394	20.0