

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020548.D
 Acq On : 27 Dec 2015 10:02
 Operator : UM/SJ
 Sample : G4846-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N58

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	3.093	38	43	53	rBV	41132	78491	2.00%	0.527%
2	3.175	53	57	67	rVB	29415	42246	1.07%	0.284%
3	4.210	229	233	236	rBV	3066	4540	0.12%	0.031%
4	5.555	457	462	468	rVB	15996	24138	0.61%	0.162%
5	5.690	480	485	497	rVB2	22860	50017	1.27%	0.336%
6	6.066	538	549	555	rBV2	11274	22959	0.58%	0.154%
7	7.153	729	734	739	rBV	6863	10093	0.26%	0.068%
8	7.235	739	748	753	rVV2	18429	34497	0.88%	0.232%
9	7.288	753	757	763	rVB2	3567	5714	0.15%	0.038%
10	7.394	769	775	782	rBV	58399	98386	2.50%	0.661%
11	7.606	805	811	818	rBV2	67156	111460	2.83%	0.749%
12	7.717	824	830	837	rVB3	16705	27125	0.69%	0.182%
13	8.076	885	891	897	rBV	63856	105826	2.69%	0.711%
14	8.187	905	910	917	rBB3	5663	9373	0.24%	0.063%
15	8.452	949	955	961	rBV	48516	78671	2.00%	0.529%
16	8.616	977	983	990	rVB	31607	52354	1.33%	0.352%
17	8.781	1006	1011	1021	rBV	54236	96358	2.45%	0.647%
18	9.245	1083	1090	1097	rVV	80991	144354	3.67%	0.970%
19	9.768	1174	1179	1184	rBB2	3155	5068	0.13%	0.034%
20	9.973	1207	1214	1221	rBV	69979	125861	3.20%	0.846%
21	10.132	1236	1241	1248	rBB2	5308	7907	0.20%	0.053%
22	10.285	1261	1267	1279	rBV4	13640	36105	0.92%	0.243%
23	10.391	1279	1285	1295	rVB2	8211	22563	0.57%	0.152%
24	10.514	1300	1306	1316	rBV	107590	194641	4.95%	1.308%
25	10.896	1364	1371	1374	rBV	84380	157661	4.01%	1.059%
26	10.960	1374	1382	1393	rVV	1994883	3931701	100.00%	26.419%
27	11.066	1393	1400	1409	rVB	76801	134457	3.42%	0.903%
28	11.713	1505	1510	1517	rBB3	7924	13908	0.35%	0.093%
29	12.077	1568	1572	1577	rVB3	3683	5283	0.13%	0.035%
30	12.441	1628	1634	1643	rBV4	6779	12448	0.32%	0.084%
31	12.547	1644	1652	1659	rBV	412339	676942	17.22%	4.549%
32	12.658	1664	1671	1677	rVB	7444	12401	0.32%	0.083%
33	12.764	1677	1689	1696	rBV	204627	347006	8.83%	2.332%
34	13.546	1816	1822	1829	rBV	87690	136742	3.48%	0.919%

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 Title : SVOA CALIBRATION

35	13.740	1850	1855	1864	rVB	20567	36965	0.94%	0.248%
36	13.886	1871	1880	1887	rBV4	20521	52225	1.33%	0.351%
37	14.027	1898	1904	1909	rBV2	39457	68675	1.75%	0.461%
38	14.110	1909	1918	1924	rVV	224397	355601	9.04%	2.389%
39	14.163	1924	1927	1933	rVB3	3433	4464	0.11%	0.030%
40	14.268	1939	1945	1949	rBV	15738	24935	0.63%	0.168%
41	14.304	1949	1951	1955	rVB	5256	5469	0.14%	0.037%
42	14.351	1955	1959	1962	rBV2	3882	5411	0.14%	0.036%
43	14.409	1962	1969	1979	rVB2	235539	452881	11.52%	3.043%
44	14.709	2009	2020	2026	rBV3	158297	284433	7.23%	1.911%
45	14.780	2026	2032	2039	rVV	398410	632308	16.08%	4.249%
46	14.844	2039	2043	2048	rVV	6124	10098	0.26%	0.068%
47	14.915	2048	2055	2065	rVV3	17270	32424	0.82%	0.218%
48	15.020	2068	2073	2077	rVV2	7031	10052	0.26%	0.068%
49	15.109	2081	2088	2095	rVV	202258	305681	7.77%	2.054%
50	15.179	2095	2100	2107	rVB2	3247	5538	0.14%	0.037%
51	15.320	2118	2124	2130	rVB5	3393	5641	0.14%	0.038%
52	15.490	2147	2153	2156	rBV3	2402	4613	0.12%	0.031%
53	15.579	2163	2168	2174	rVB2	2881	4934	0.13%	0.033%
54	15.702	2178	2189	2194	rVV	342705	528757	13.45%	3.553%
55	15.761	2194	2199	2205	rVV	260468	396500	10.08%	2.664%
56	15.825	2205	2210	2216	rVV	94662	141678	3.60%	0.952%
57	15.878	2216	2219	2222	rVV	12208	18986	0.48%	0.128%
58	15.919	2222	2226	2232	rVV5	17502	32509	0.83%	0.218%
59	15.966	2232	2234	2237	rVV2	5555	7437	0.19%	0.050%
60	16.007	2237	2241	2244	rVV2	8287	12460	0.32%	0.084%
61	16.049	2244	2248	2252	rVV	14779	22167	0.56%	0.149%
62	16.195	2261	2273	2282	rVV3	14926	38610	0.98%	0.259%
63	16.290	2282	2289	2294	rVB2	2523	4942	0.13%	0.033%
64	16.548	2329	2333	2337	rBV2	11791	16411	0.42%	0.110%
65	16.760	2357	2369	2373	rBV2	10243	22555	0.57%	0.152%
66	16.812	2373	2378	2383	rVB4	4397	7411	0.19%	0.050%
67	16.912	2390	2395	2400	rVB	4437	6901	0.18%	0.046%
68	17.112	2425	2429	2436	rVB4	5224	11054	0.28%	0.074%
69	17.277	2448	2457	2464	rBV	35217	50646	1.29%	0.340%
70	17.459	2481	2488	2491	rBV	232255	356222	9.06%	2.394%
71	17.500	2491	2495	2500	rVB	461550	666170	16.94%	4.476%

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72	17.559	2500	2505	2510	rBV	380491	566147	14.40%	3.804%
73	17.717	2528	2532	2537	rVB2	7361	9632	0.24%	0.065%
74	17.858	2550	2556	2564	rBV	32314	48129	1.22%	0.323%
75	18.064	2588	2591	2596	rVB	9958	10983	0.28%	0.074%
76	18.111	2596	2599	2603	rVB3	4125	4727	0.12%	0.032%
77	18.334	2629	2637	2640	rBV2	11760	19644	0.50%	0.132%
78	18.381	2640	2645	2647	rBV	17766	25656	0.65%	0.172%
79	18.458	2654	2658	2663	rBV2	3127	4678	0.12%	0.031%
80	18.528	2663	2670	2675	rBV	31320	52414	1.33%	0.352%
81	18.628	2683	2687	2691	rBV2	2901	4581	0.12%	0.031%
82	18.675	2691	2695	2699	rVB	4723	6067	0.15%	0.041%
83	18.763	2707	2710	2717	rBV4	3403	5654	0.14%	0.038%
84	18.822	2717	2720	2724	rVV	5619	7024	0.18%	0.047%
85	18.869	2724	2728	2734	rVB4	6136	9270	0.24%	0.062%
86	19.503	2828	2836	2843	rVB	85658	123943	3.15%	0.833%
87	19.838	2887	2893	2906	rBV2	485847	805547	20.49%	5.413%
88	20.244	2958	2962	2970	rVB2	8179	12379	0.31%	0.083%
89	20.355	2977	2981	2985	rVB4	2756	4515	0.11%	0.030%
90	20.737	3042	3046	3052	rBV5	2070	4496	0.11%	0.030%
91	21.342	3146	3149	3156	rVB6	4437	7894	0.20%	0.053%
92	21.730	3208	3215	3228	rBV	285812	480251	12.21%	3.227%
93	23.211	3464	3467	3471	rBV4	3295	5711	0.15%	0.038%
94	23.857	3573	3577	3582	rBV5	2910	6262	0.16%	0.042%
95	24.022	3600	3605	3612	rVB7	4811	9106	0.23%	0.061%
96	24.785	3722	3735	3752	rBV	251408	728691	18.53%	4.897%
97	25.003	3760	3772	3784	rBV2	142249	421788	10.73%	2.834%
98	26.113	3956	3961	3969	rVB4	5974	12405	0.32%	0.083%
99	27.488	4186	4195	4204	rVB9	5148	18722	0.48%	0.126%
100	29.122	4468	4473	4475	rBV6	2524	4459	0.11%	0.030%

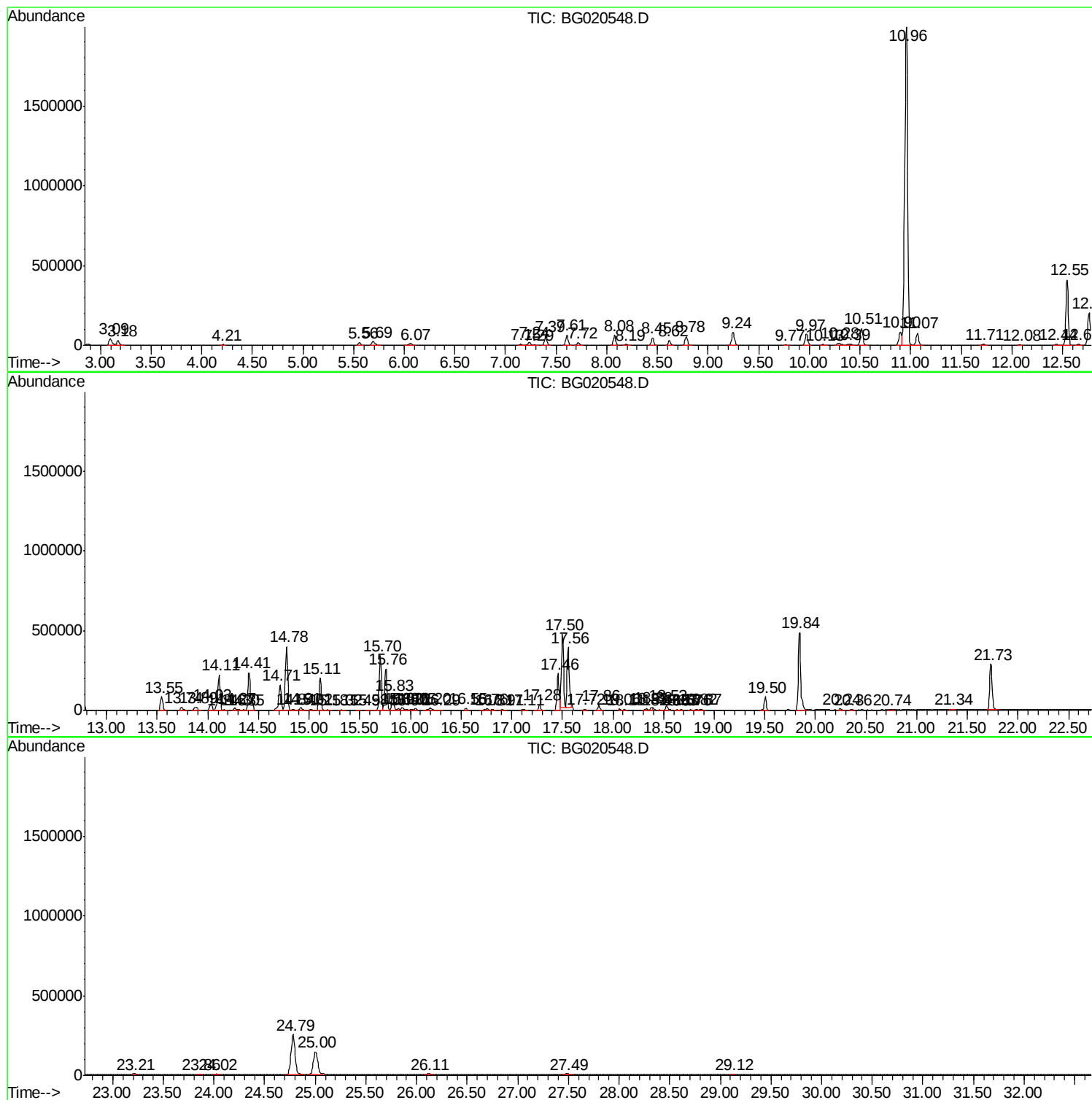
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



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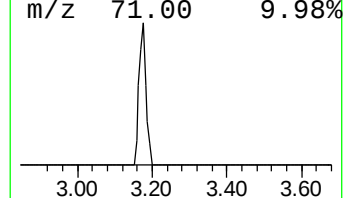
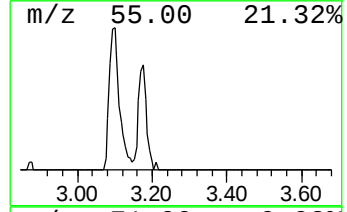
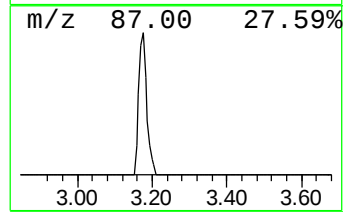
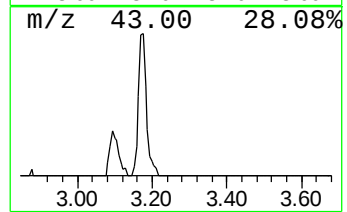
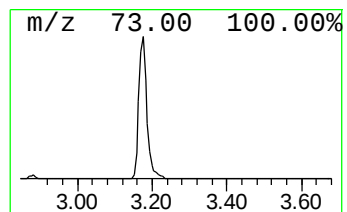
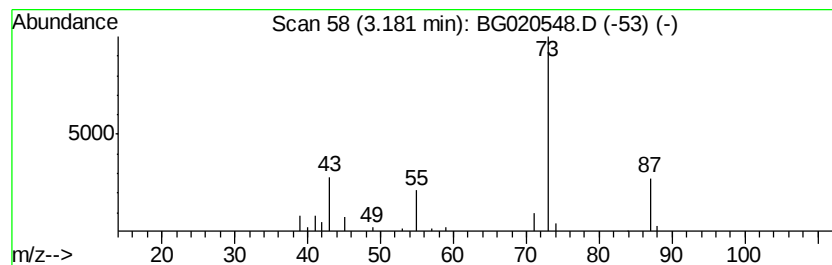
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	7.98 ng/ul	42246	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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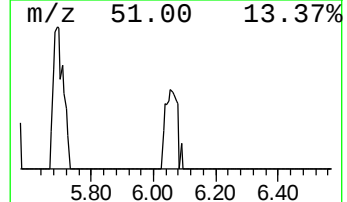
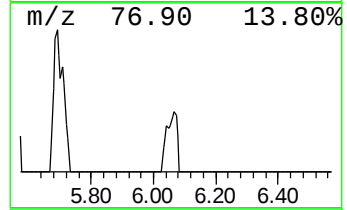
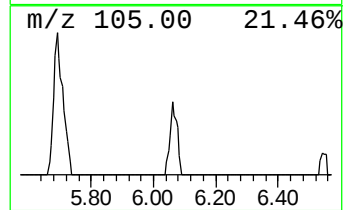
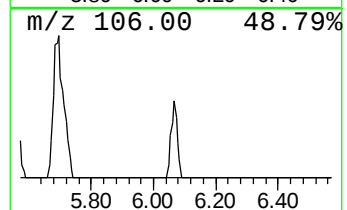
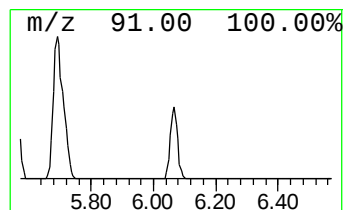
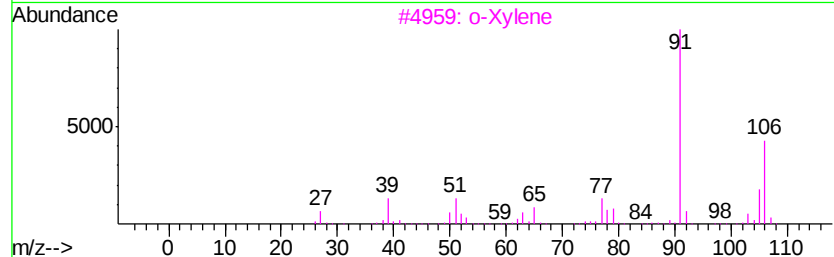
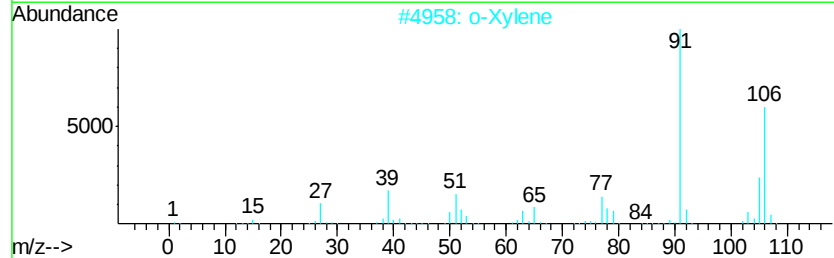
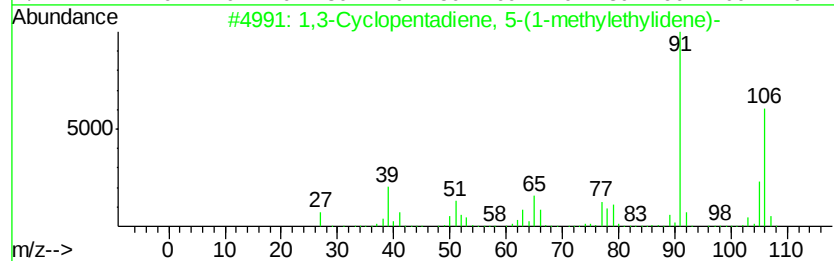
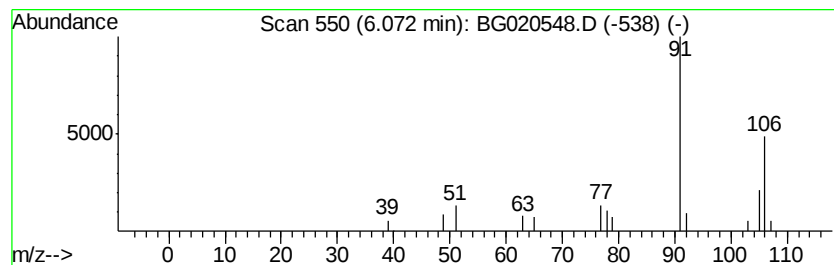
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	4.34 ng/ul	22959	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
2		o-Xylene	106	C8H10	000095-47-6	87
3		o-Xylene	106	C8H10	000095-47-6	86
4		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	80
5		p-Xylene	106	C8H10	000106-42-3	80



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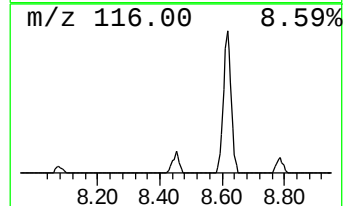
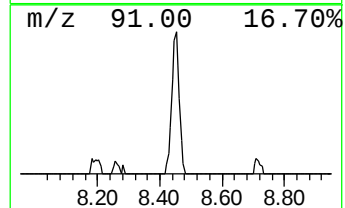
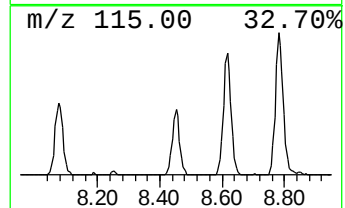
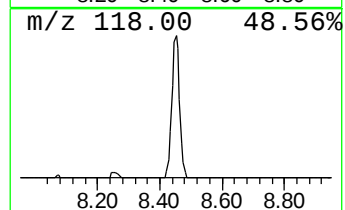
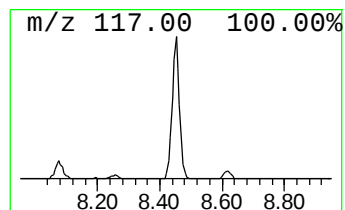
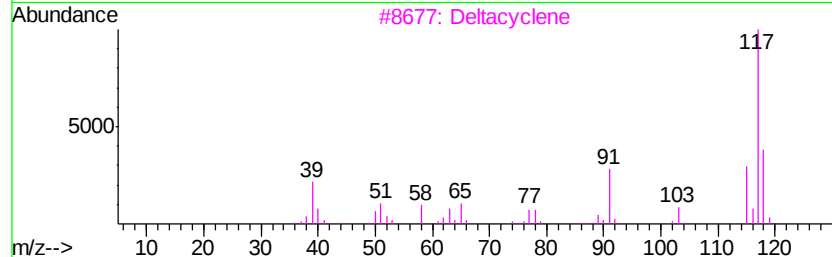
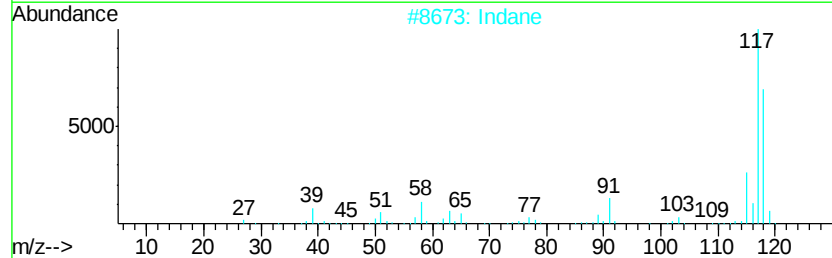
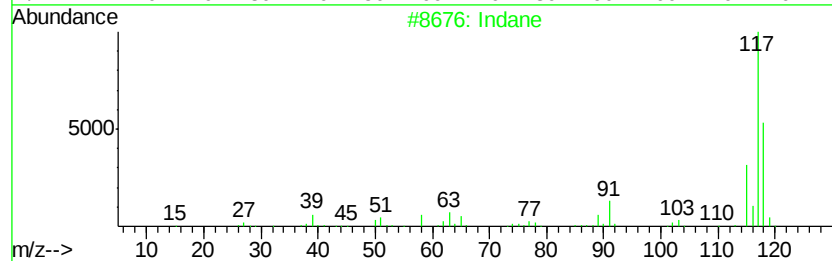
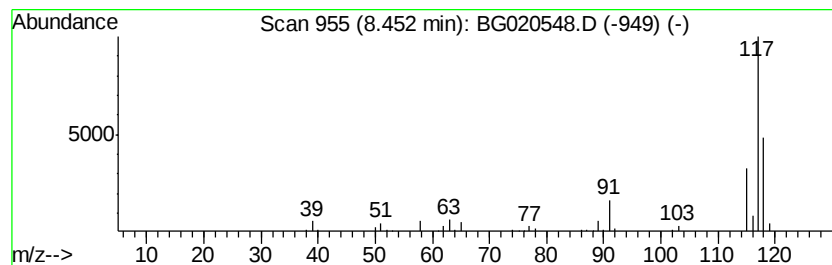
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	14.87 ng/ul	78671	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	Indane		118	C9H10	000496-11-7	87
3	Deltacyclene		118	C9H10	007785-10-6	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	64
5	Indane		118	C9H10	000496-11-7	64



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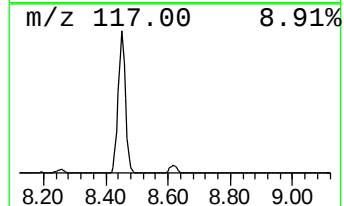
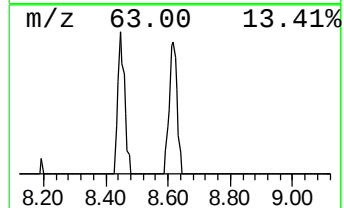
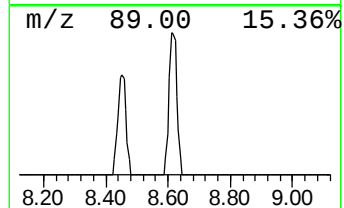
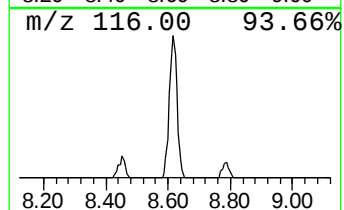
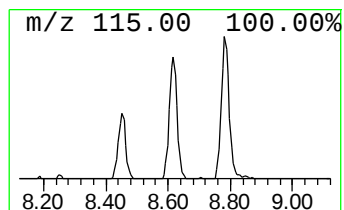
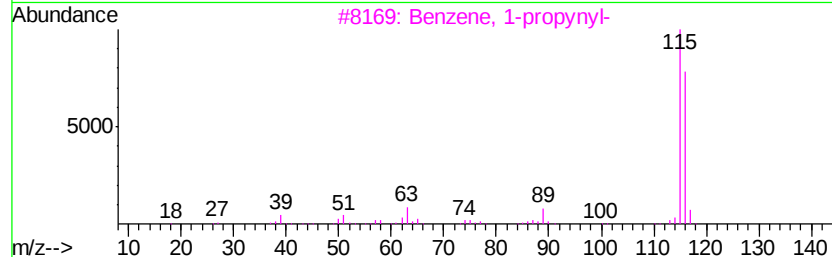
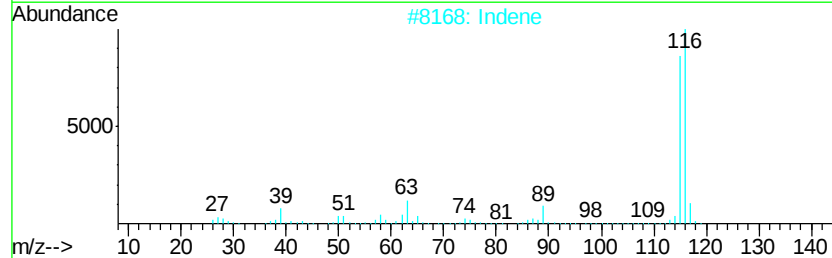
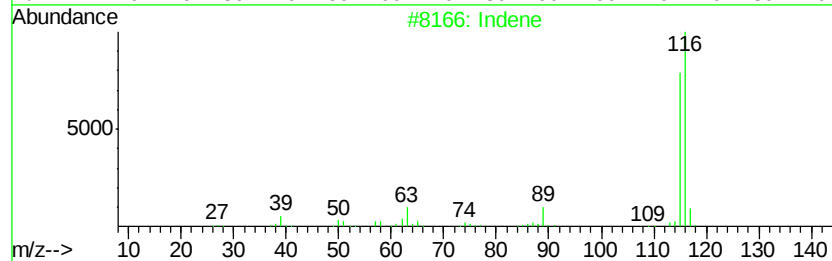
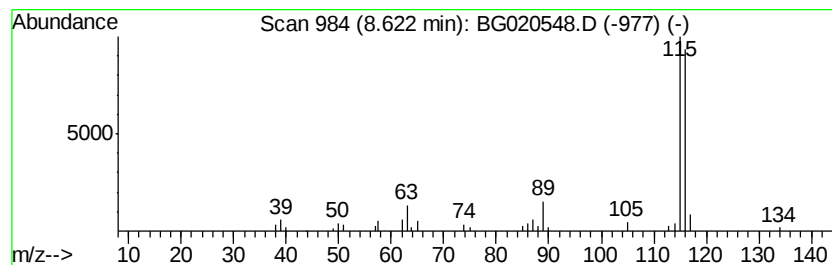
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	9.89 ng/ul	52354	1,4-Dichlorobenzene-d4	8.08

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-propynyl-	116	C9H8	000673-32-5	94
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N58

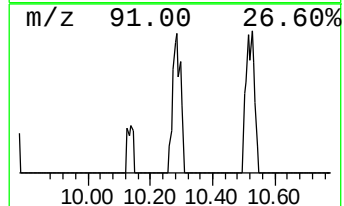
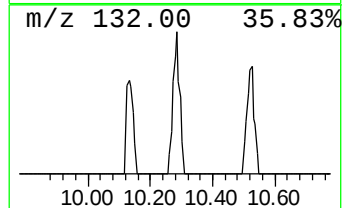
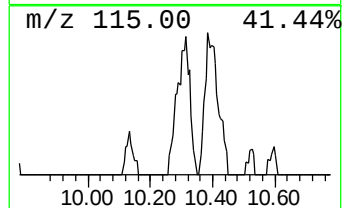
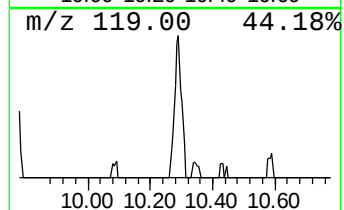
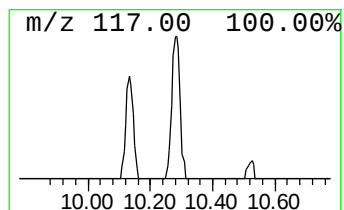
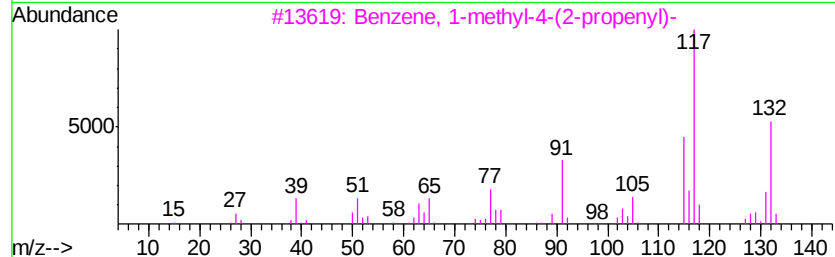
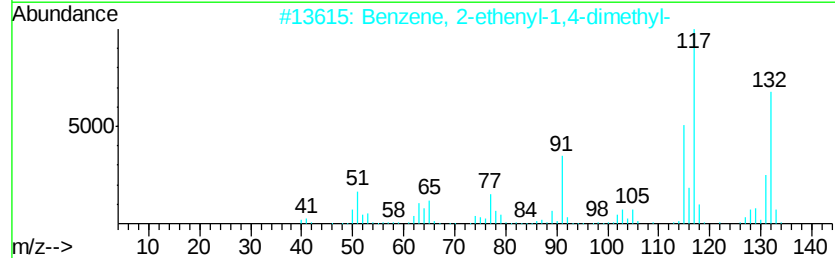
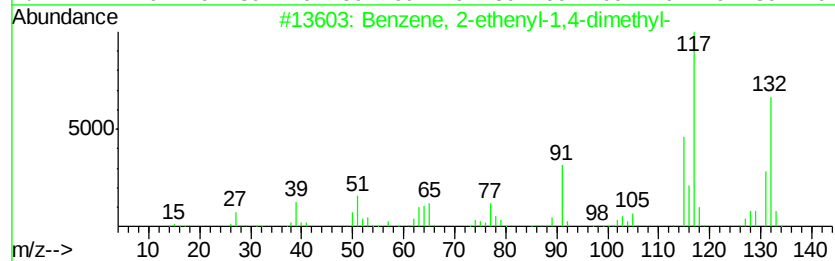
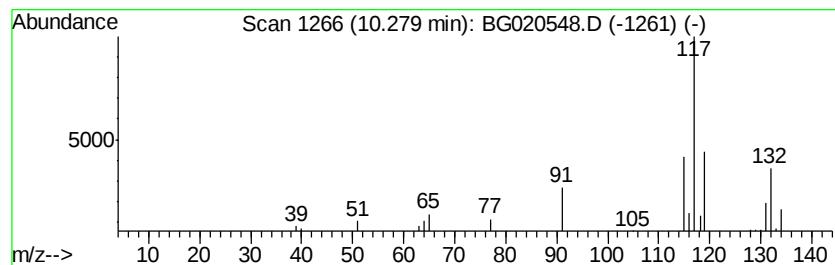
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	4.58 ng/ul	36105	Napthalene-d8	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4		2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N58

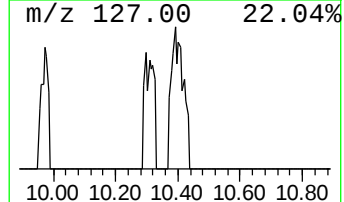
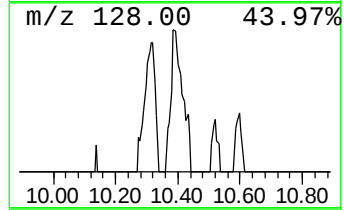
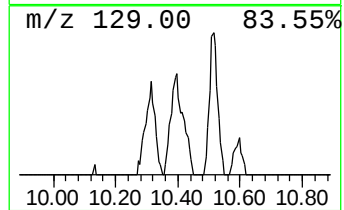
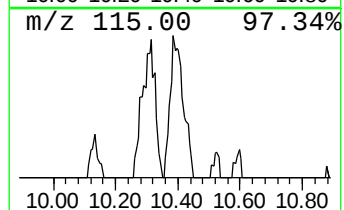
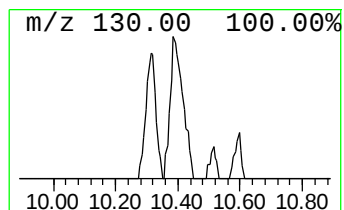
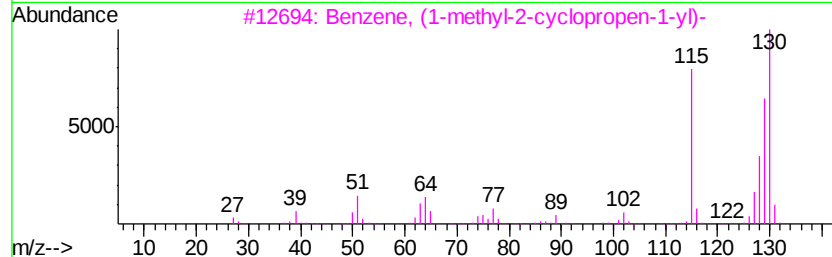
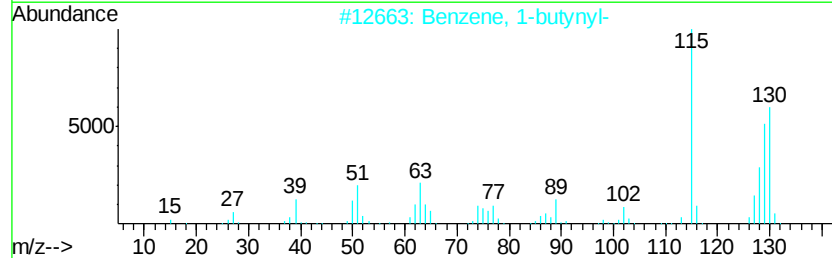
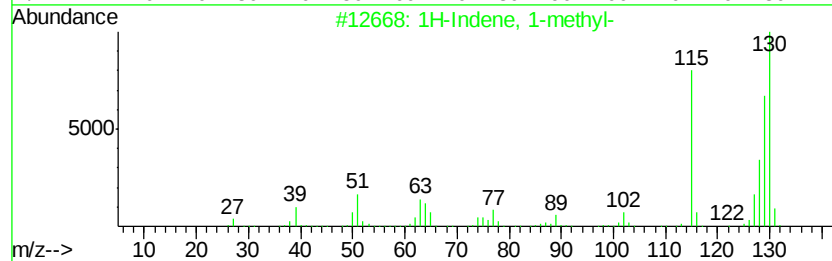
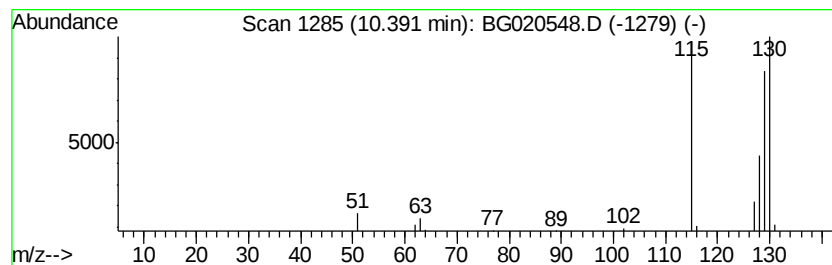
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	2.86 ng/ul	22563	Naphthalene-d8	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	81
2		Benzene, 1-butynyl-	130	C10H10	000622-76-4	81
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	76
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	76
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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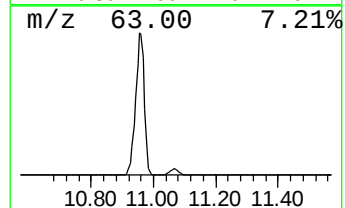
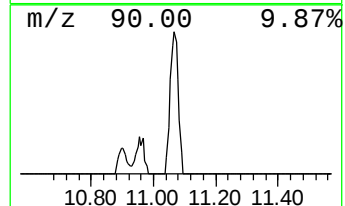
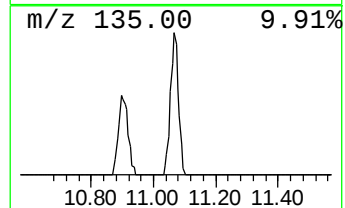
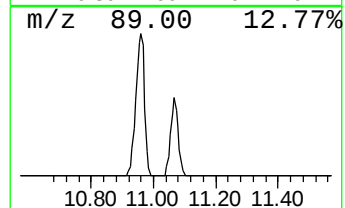
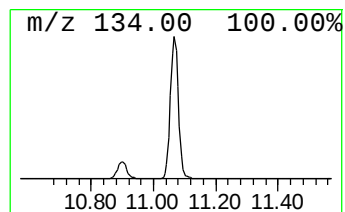
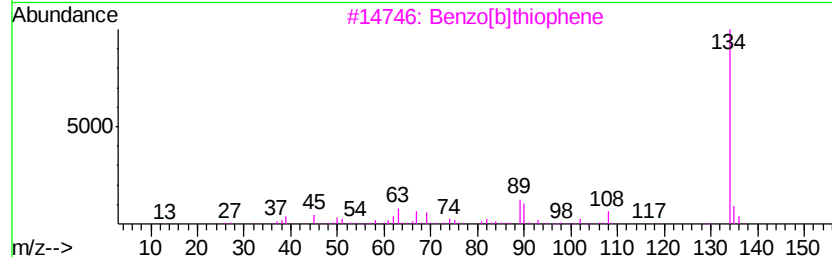
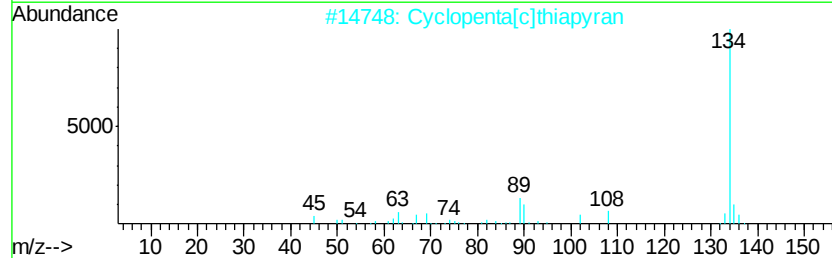
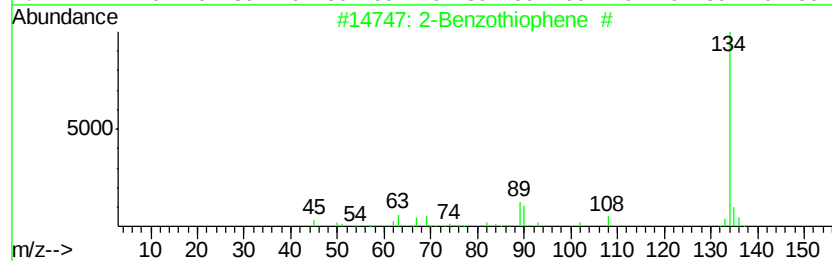
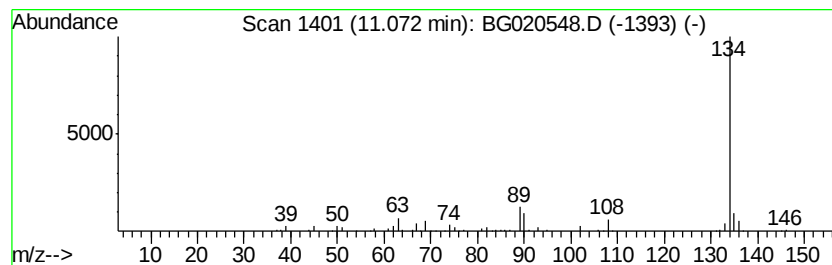
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 2-Benzothiophene # Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	17.06 ng/ul	134457	Napthalene-d8	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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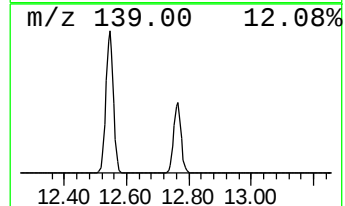
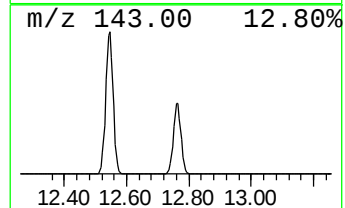
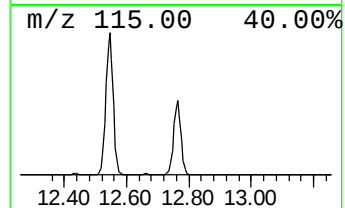
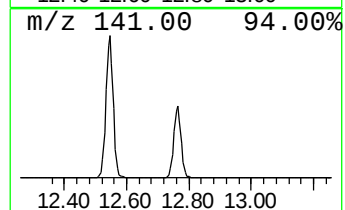
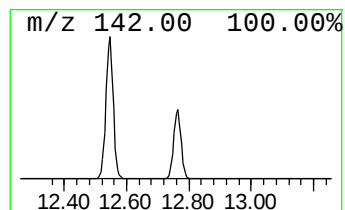
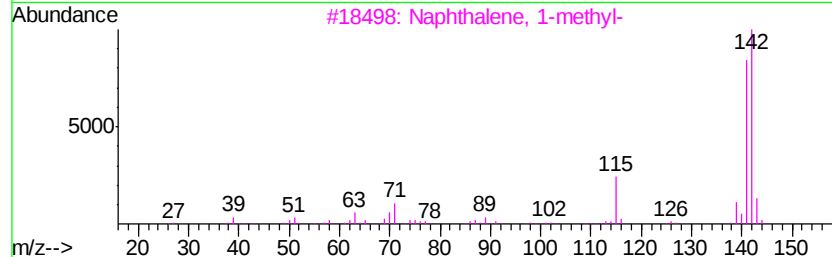
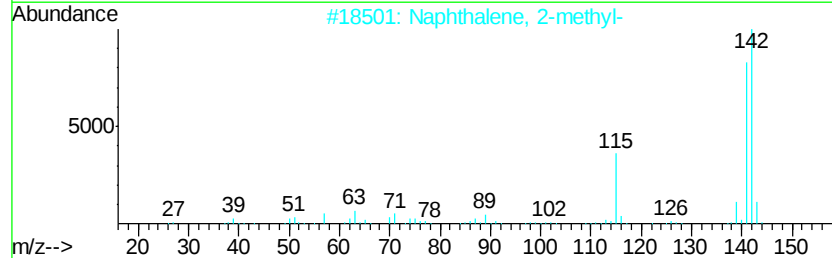
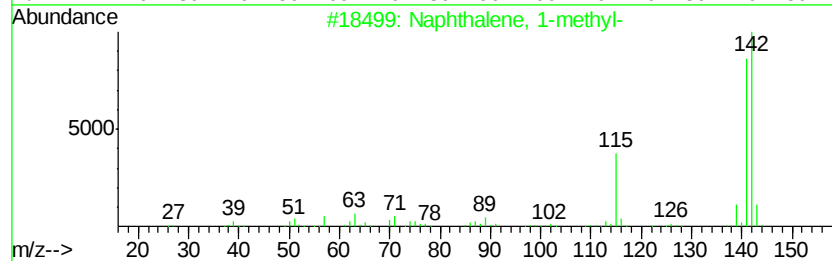
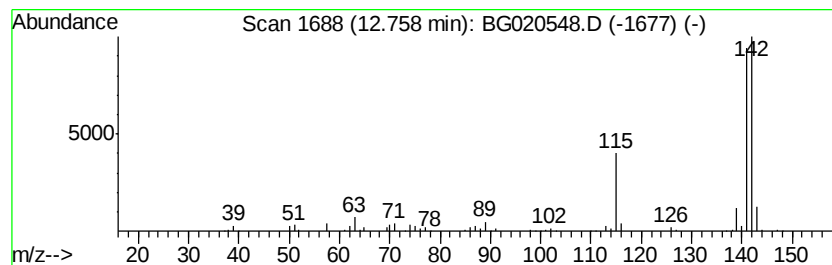
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	44.02 ng/ul	347006	Naphthalene-d8	10.90

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	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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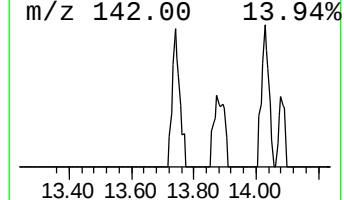
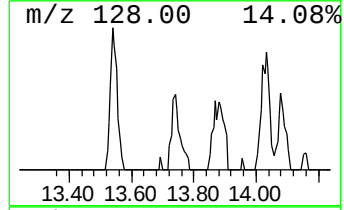
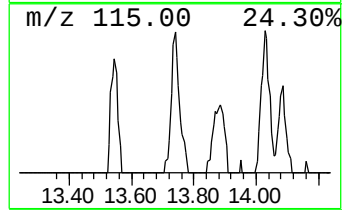
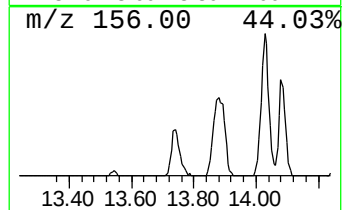
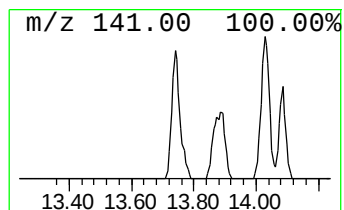
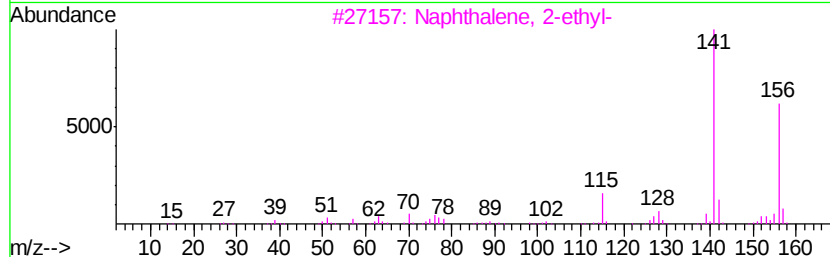
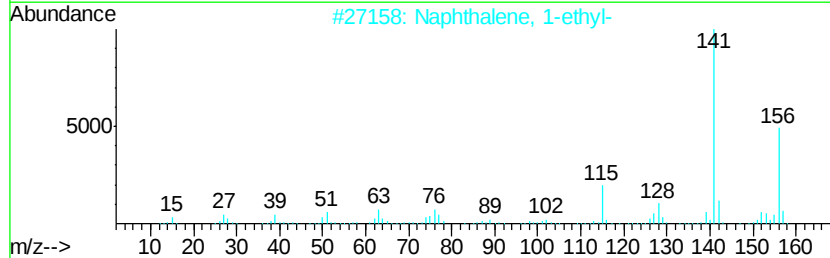
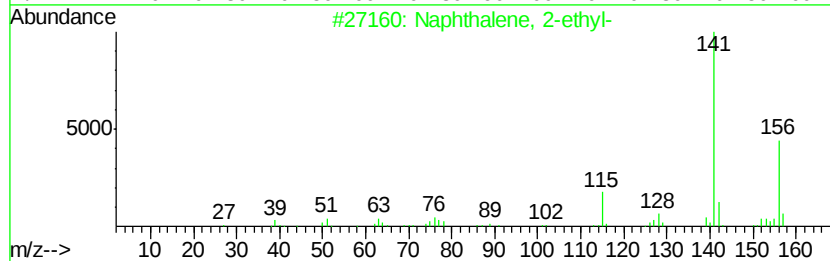
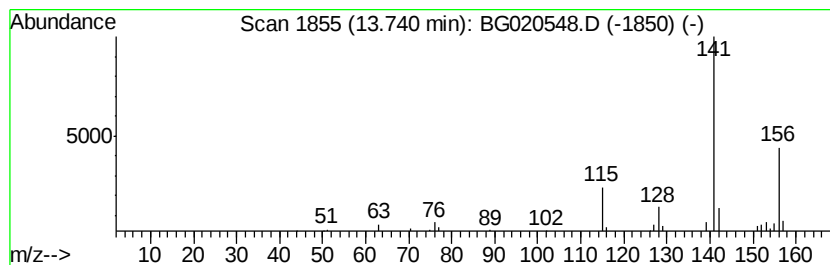
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.60 ng/ul	36965	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
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Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
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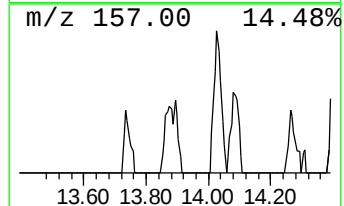
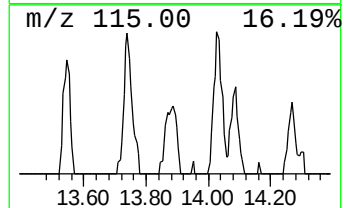
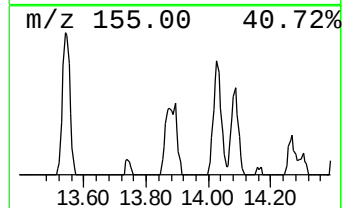
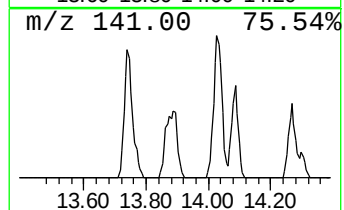
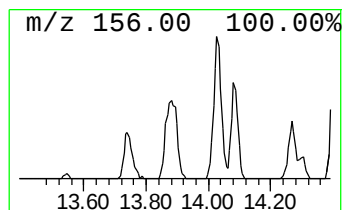
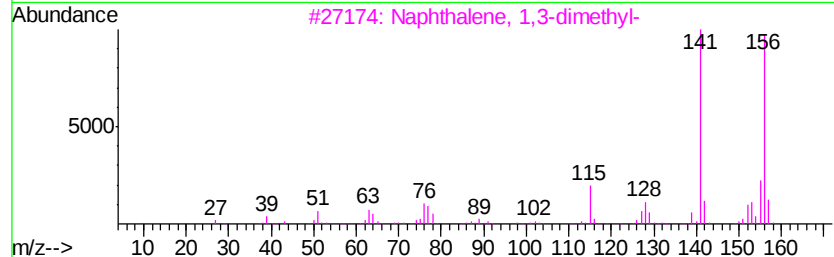
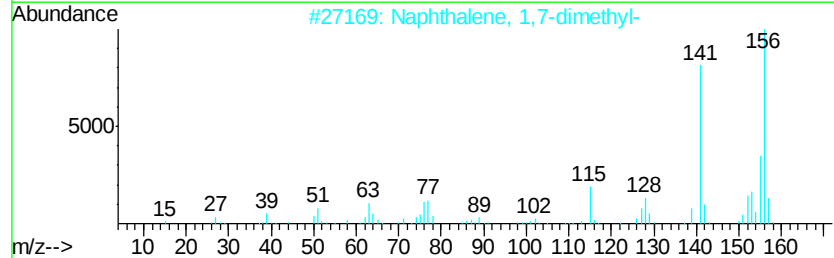
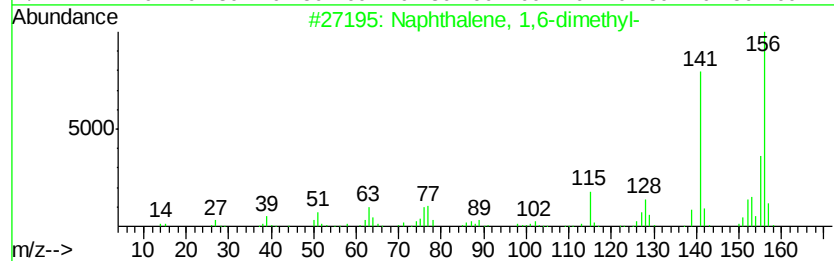
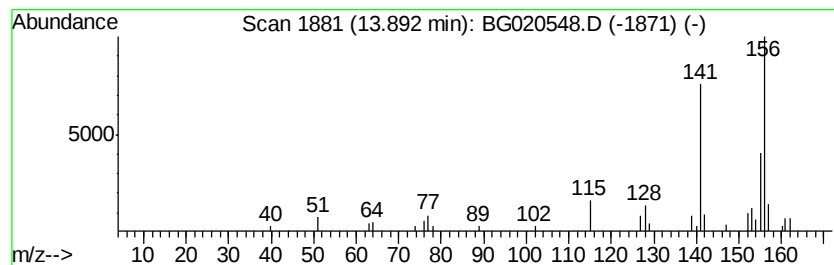
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.67 ng/ul	52225	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N58

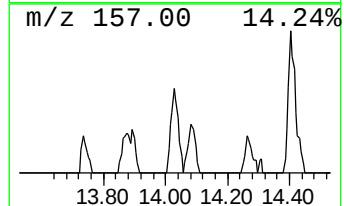
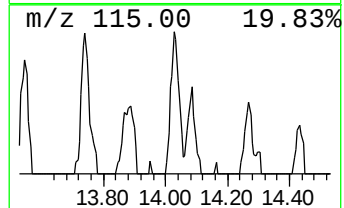
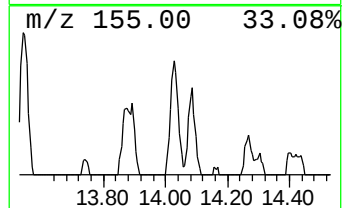
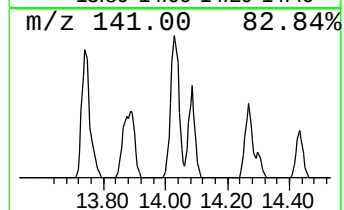
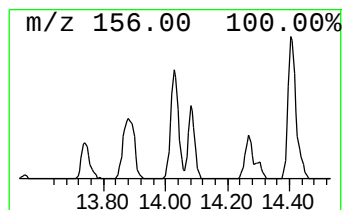
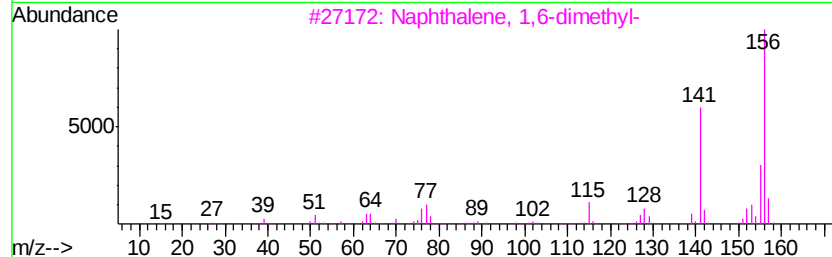
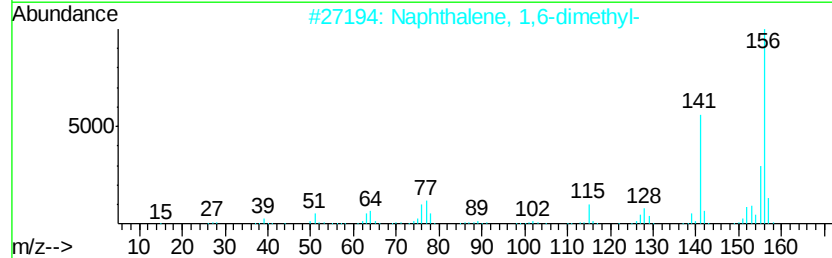
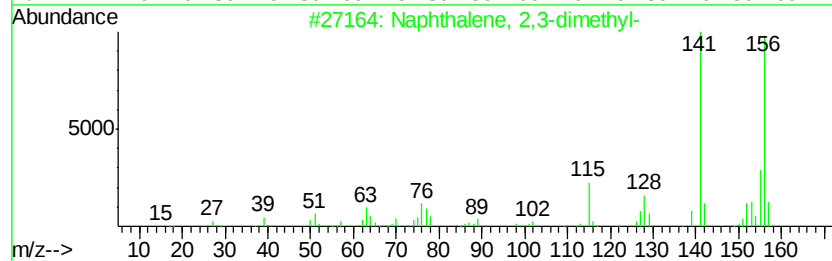
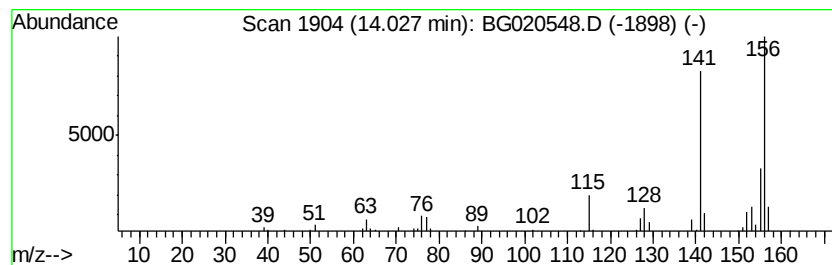
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	4.83 ng/ul	68675	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
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ClientSampleId :
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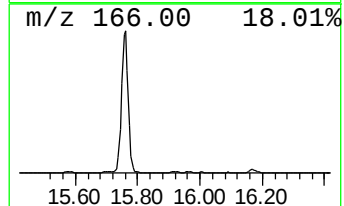
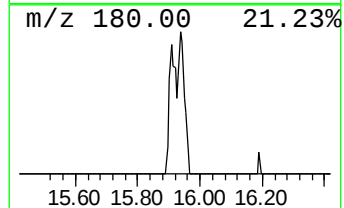
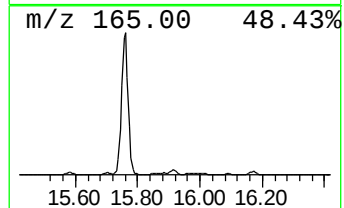
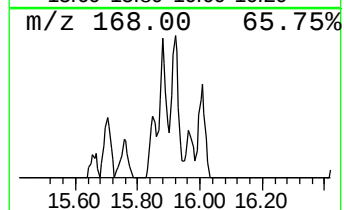
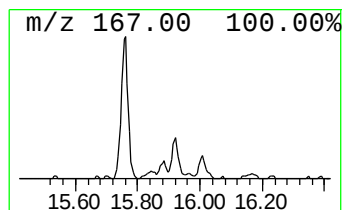
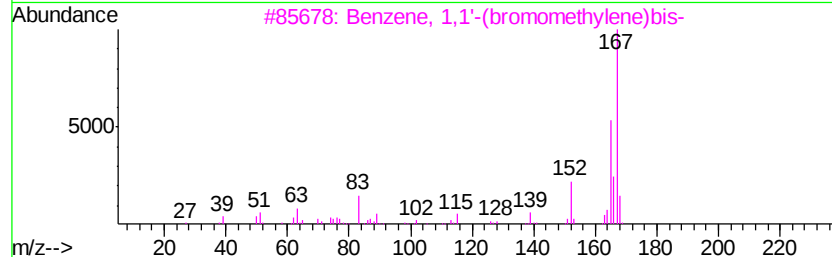
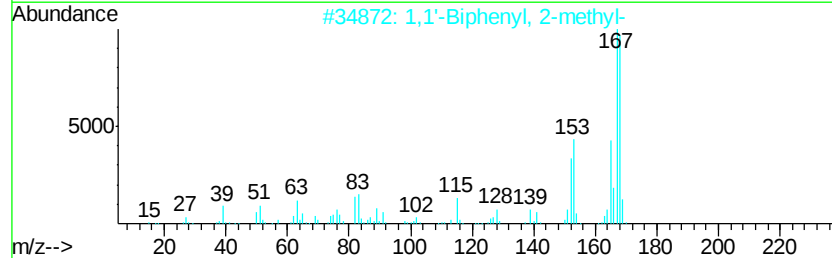
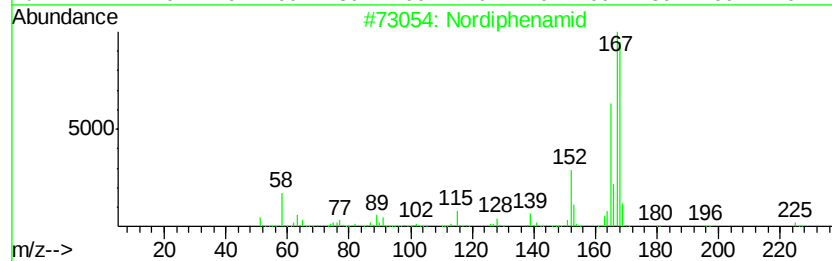
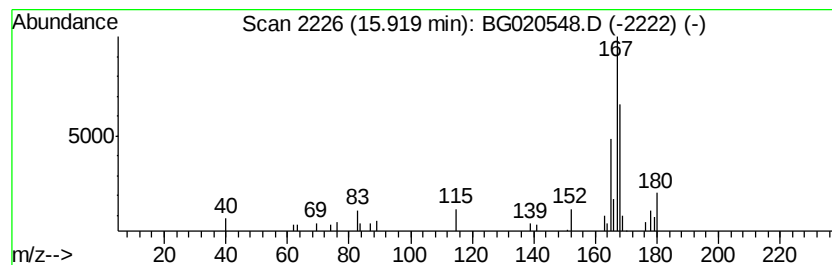
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Nordiphenamid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.29 ng/ul	32509	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nordiphenamid	225	C15H15NO	000954-21-2	59
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
3		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	50
4		Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	50
5		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
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Instrument :
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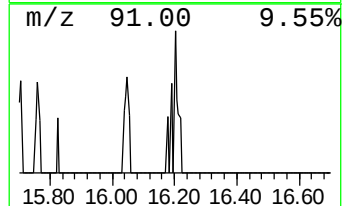
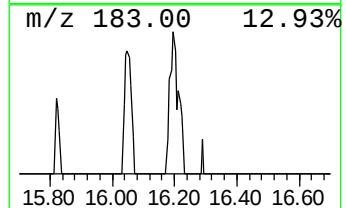
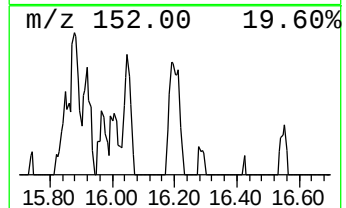
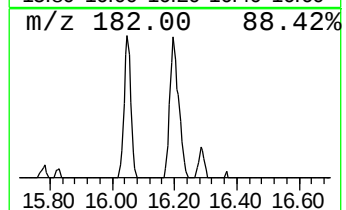
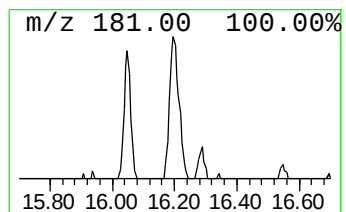
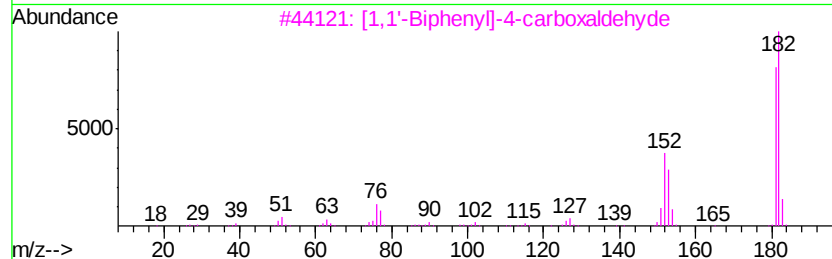
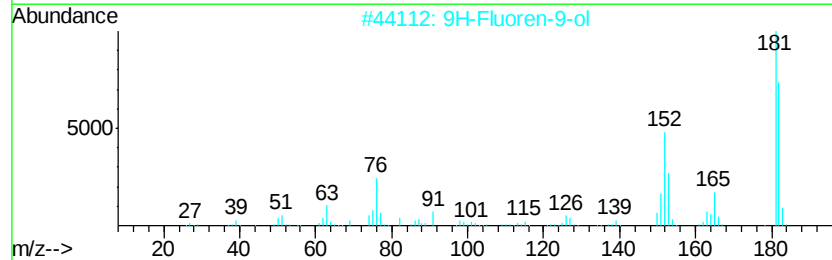
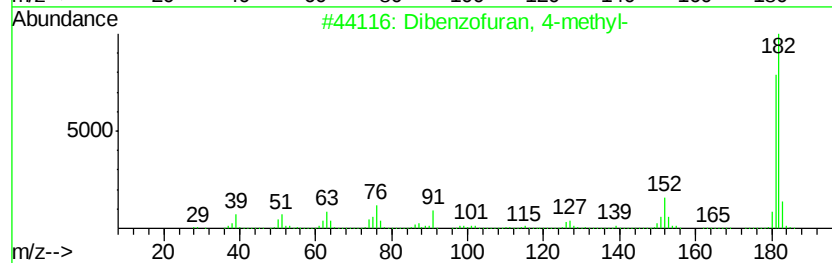
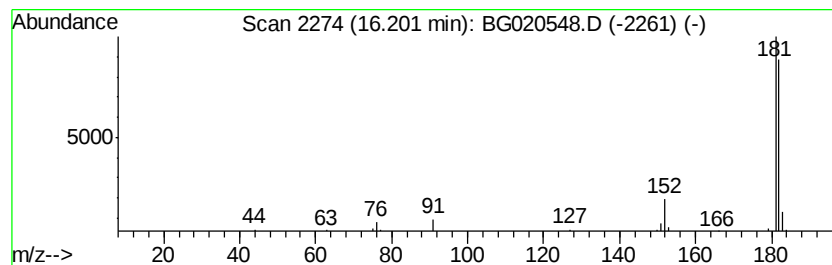
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.17 ng/ul	38610	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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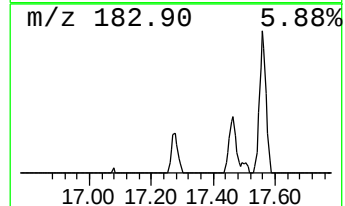
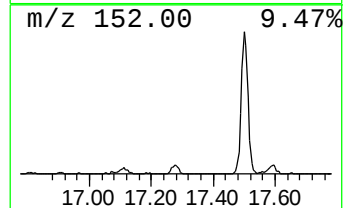
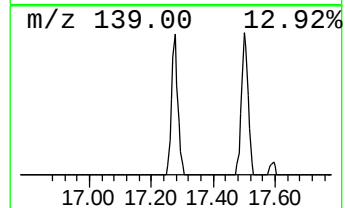
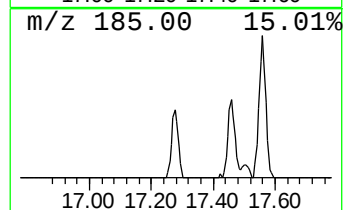
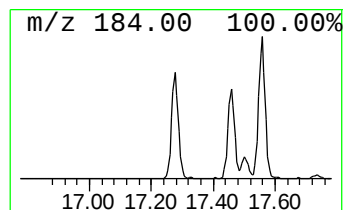
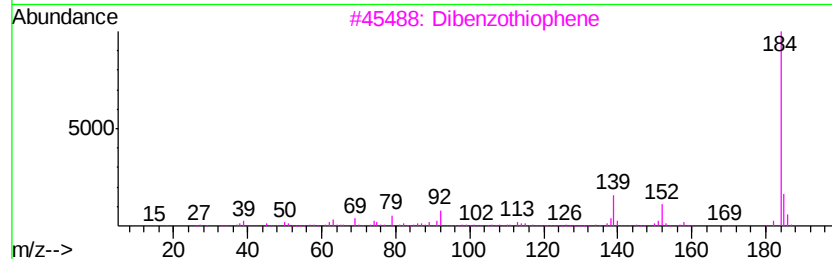
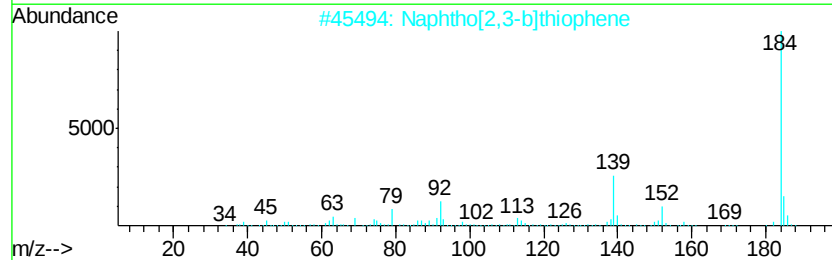
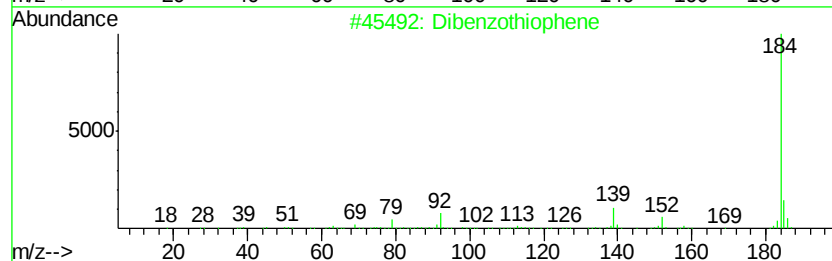
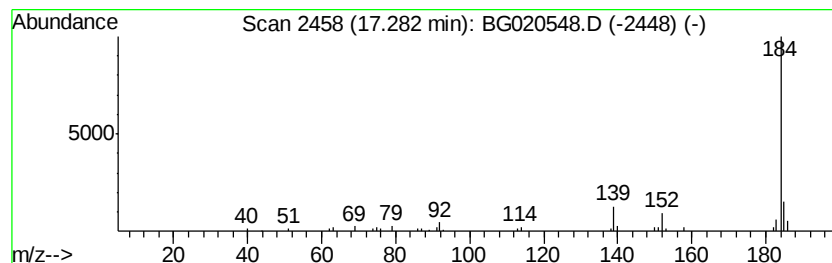
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	2.84 ng/ul	50646	Phenanthrene-d10	17.46

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
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Acq On : 27 Dec 2015 10:02
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Sample : G4846-12
Misc :
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ClientSampleId :
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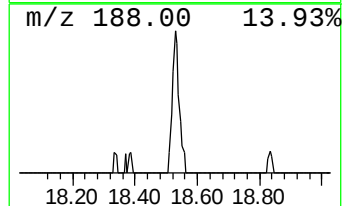
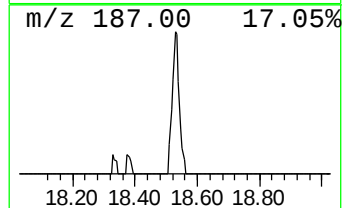
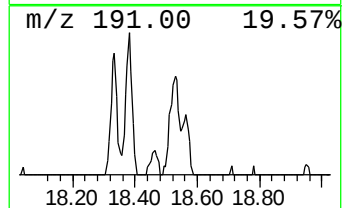
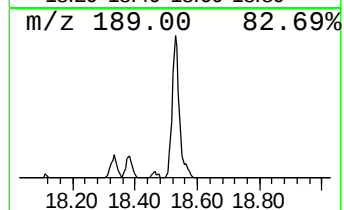
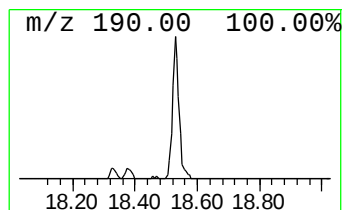
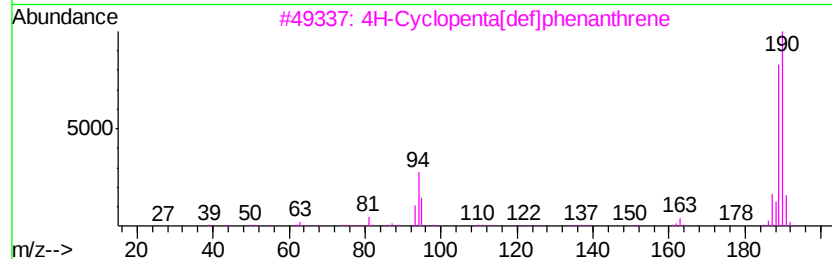
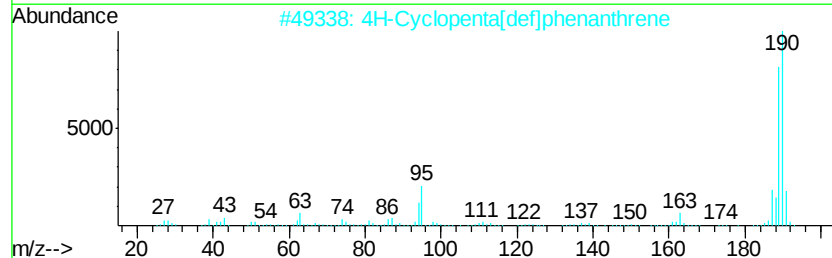
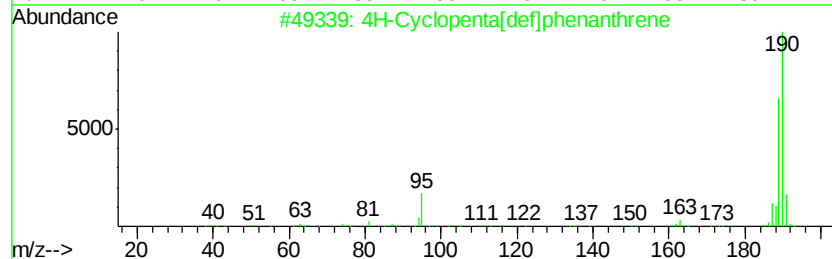
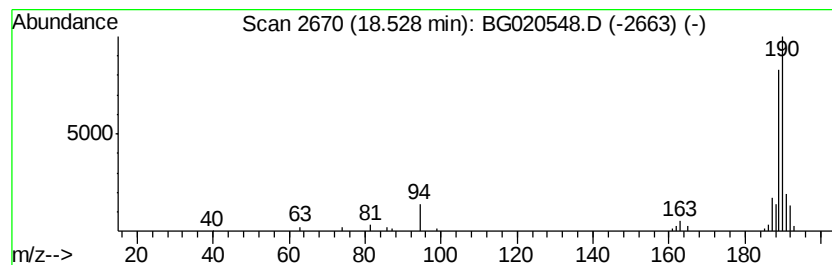
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.94 ng/ul	52414	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
4			Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020548.D
Acq On : 27 Dec 2015 10:02
Operator : UM/SJ
Sample : G4846-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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1,3-Cyclopentadie...	6.07	4.3	ng/ul	22959	1	8.08	105826	20.0
Indane	8.45	14.9	ng/ul	78671	1	8.08	105826	20.0
Indene	8.62	9.9	ng/ul	52354	1	8.08	105826	20.0
Benzene, 2-etheny...	10.28	4.6	ng/ul	36105	2	10.90	157661	20.0
1H-Indene, 1-methyl-	10.39	2.9	ng/ul	22563	2	10.90	157661	20.0
2-Benzothiophene #	11.07	17.1	ng/ul	134457	2	10.90	157661	20.0
Naphthalene, 1-me...	12.76	44.0	ng/ul	347006	2	10.90	157661	20.0
Naphthalene, 2-et...	13.74	2.6	ng/ul	36965	3	14.71	284433	20.0
Naphthalene, 1,6-...	13.89	3.7	ng/ul	52225	3	14.71	284433	20.0
Naphthalene, 2,3-...	14.03	4.8	ng/ul	68675	3	14.71	284433	20.0
Nordiphenamid	15.92	2.3	ng/ul	32509	3	14.71	284433	20.0
Dibenzofuran, 4-m...	16.20	2.2	ng/ul	38610	4	17.46	356222	20.0
Dibenzothiophene	17.28	2.8	ng/ul	50646	4	17.46	356222	20.0
4H-Cyclopenta[def...	18.53	2.9	ng/ul	52414	4	17.46	356222	20.0