

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028300.D
 Acq On : 11 Aug 2017 21:35
 Operator : SJ/JU
 Sample : I4521-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC8B5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.841	40	43	53	rVB5	5503	10863	0.44%	0.065%
2	4.129	87	92	98	rBV3	3067	6152	0.25%	0.037%
3	4.347	124	129	137	rVV6	7811	12511	0.51%	0.074%
4	4.576	164	168	171	rVB3	3070	5020	0.20%	0.030%
5	4.969	231	235	239	rBV4	2234	4163	0.17%	0.025%
6	5.105	254	258	263	rBV4	2992	4702	0.19%	0.028%
7	5.469	314	320	322	rVB3	2723	4864	0.20%	0.029%
8	6.015	406	413	424	rVV6	8248	20465	0.83%	0.122%
9	6.350	464	470	480	rBV5	16758	32549	1.32%	0.193%
10	6.714	529	532	541	rVB5	2507	5763	0.23%	0.034%
11	6.838	546	553	557	rBV4	3650	5480	0.22%	0.033%
12	6.991	575	579	584	rVB3	4744	7817	0.32%	0.046%
13	7.090	590	596	603	rVB3	2004	4299	0.17%	0.026%
14	7.331	631	637	642	rVV	36164	59064	2.39%	0.351%
15	7.437	649	655	660	rBV	100061	162095	6.56%	0.963%
16	7.502	660	666	674	rVV2	144471	308335	12.48%	1.833%
17	7.572	674	678	684	rVB	33368	54193	2.19%	0.322%
18	7.672	689	695	702	rBV	65613	115063	4.66%	0.684%
19	7.737	702	706	718	rVV	26467	47992	1.94%	0.285%
20	7.837	718	723	726	rVV5	2833	4133	0.17%	0.025%
21	7.889	726	732	738	rVV2	88698	165015	6.68%	0.981%
22	7.948	738	742	746	rVV	49435	78313	3.17%	0.465%
23	8.001	746	751	759	rVB	112689	199622	8.08%	1.186%
24	8.224	783	789	790	rBV3	3182	4923	0.20%	0.029%
25	8.248	790	793	798	rVV4	3802	5733	0.23%	0.034%
26	8.307	798	803	805	rVV5	5695	8497	0.34%	0.051%
27	8.360	805	812	824	rVB	163380	305012	12.35%	1.813%
28	8.465	824	830	836	rBV3	22094	39147	1.58%	0.233%
29	8.565	843	847	853	rVB5	12226	20830	0.84%	0.124%
30	8.636	854	859	864	rVB4	3862	6385	0.26%	0.038%
31	8.736	871	876	884	rVB6	7583	15794	0.64%	0.094%
32	8.847	889	895	898	rBV5	9602	17785	0.72%	0.106%
33	8.894	898	903	911	rVB4	18654	37059	1.50%	0.220%
34	8.982	913	918	924	rBV3	25685	46431	1.88%	0.276%

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35	9.053	924	930	943	rVB3	87067	170201	6.89%	1.012%
36	9.188	950	953	961	rVB7	6586	9933	0.40%	0.059%
37	9.305	966	973	976	rBV6	3584	5389	0.22%	0.032%
38	9.347	977	980	987	rVB4	4442	5707	0.23%	0.034%
39	9.458	993	999	1003	rBV3	8101	12994	0.53%	0.077%
40	9.523	1003	1010	1022	rVB2	95929	210802	8.53%	1.253%
41	9.987	1084	1089	1094	rVB4	3497	6021	0.24%	0.036%
42	10.052	1094	1100	1105	rBV2	4117	7759	0.31%	0.046%
43	10.246	1124	1133	1146	rBV	82441	167658	6.79%	0.996%
44	10.563	1182	1187	1190	rBV3	3842	6166	0.25%	0.037%
45	10.792	1215	1226	1235	rBV2	126302	256268	10.37%	1.523%
46	11.092	1272	1277	1283	rBV5	3995	9456	0.38%	0.056%
47	11.180	1283	1292	1306	rVB	258210	493244	19.97%	2.932%
48	11.309	1306	1314	1325	rBV	78142	155417	6.29%	0.924%
49	11.850	1399	1406	1413	rBV4	2361	5547	0.22%	0.033%
50	11.955	1419	1424	1431	rVV3	6253	11137	0.45%	0.066%
51	12.149	1451	1457	1461	rBV5	4685	8645	0.35%	0.051%
52	12.367	1484	1494	1500	rVV6	4312	10132	0.41%	0.060%
53	12.490	1506	1515	1517	rBV4	2566	5182	0.21%	0.031%
54	12.537	1517	1523	1531	rVV	23216	37337	1.51%	0.222%
55	12.619	1531	1537	1543	rVB4	5549	9847	0.40%	0.059%
56	12.737	1553	1557	1562	rBV6	3570	6145	0.25%	0.037%
57	12.807	1566	1569	1575	rBV3	5969	8890	0.36%	0.053%
58	13.254	1639	1645	1650	rBV4	12101	22305	0.90%	0.133%
59	13.324	1652	1657	1661	rVB5	3093	6113	0.25%	0.036%
60	13.412	1667	1672	1677	rBV6	3222	7207	0.29%	0.043%
61	13.471	1678	1682	1687	rVB	4717	7326	0.30%	0.044%
62	13.553	1691	1696	1703	rBV4	7615	12834	0.52%	0.076%
63	13.759	1726	1731	1735	rBV4	10625	15240	0.62%	0.091%
64	13.906	1748	1756	1760	rVB4	2029	5021	0.20%	0.030%
65	13.994	1770	1771	1779	rVB5	3909	6743	0.27%	0.040%
66	14.129	1789	1794	1803	rVB6	5525	15413	0.62%	0.092%
67	14.282	1814	1820	1824	rBV5	7483	12445	0.50%	0.074%
68	14.352	1824	1832	1836	rVV	289395	431148	17.45%	2.563%
69	14.400	1836	1840	1846	rVV	90585	136687	5.53%	0.812%
70	14.464	1846	1851	1855	rVV7	4704	9421	0.38%	0.056%
71	14.523	1855	1861	1865	rVB7	6423	8526	0.35%	0.051%

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72	14.658	1878	1884	1895	rVB	288966	486250	19.68%	2.890%
73	14.746	1896	1899	1902	rBV4	4221	4831	0.20%	0.029%
74	14.817	1908	1911	1916	rVB3	15642	21261	0.86%	0.126%
75	14.964	1926	1936	1946	rVV2	411416	711196	28.79%	4.227%
76	15.028	1946	1947	1953	rVB4	4205	7003	0.28%	0.042%
77	15.163	1963	1970	1980	rBV3	73627	163130	6.60%	0.970%
78	15.304	1991	1994	1997	rBV5	6508	9128	0.37%	0.054%
79	15.357	1998	2003	2010	rVB5	9486	23386	0.95%	0.139%
80	15.428	2011	2015	2021	rVB6	7539	13211	0.53%	0.079%
81	15.575	2034	2040	2043	rBV6	7170	13040	0.53%	0.078%
82	15.727	2062	2066	2068	rBV3	11402	14283	0.58%	0.085%
83	15.768	2068	2073	2079	rVB2	21256	36782	1.49%	0.219%
84	15.951	2097	2104	2115	rVB	397966	630054	25.50%	3.745%
85	16.068	2117	2124	2132	rBV	117960	202501	8.20%	1.204%
86	16.391	2175	2179	2183	rBV6	5998	8417	0.34%	0.050%
87	16.626	2216	2219	2236	rVB4	29927	83358	3.37%	0.495%
88	17.425	2351	2355	2361	rBV4	27940	53580	2.17%	0.318%
89	17.713	2397	2404	2415	rBV	495734	824593	33.38%	4.901%
90	17.813	2415	2421	2430	rVB2	396687	612632	24.80%	3.641%
91	18.407	2517	2522	2529	rBV	141087	206622	8.36%	1.228%
92	18.565	2543	2549	2555	rBV5	80200	173054	7.00%	1.029%
93	19.817	2759	2762	2768	rBV8	76316	148094	5.99%	0.880%
94	20.087	2802	2808	2816	rBV	522648	821151	33.24%	4.881%
95	20.575	2887	2891	2897	rBV	128539	193406	7.83%	1.150%
96	22.049	3136	3142	3149	rVB	483212	910961	36.87%	5.414%
97	25.316	3692	3698	3707	rVB2	225210	590880	23.92%	3.512%
98	25.563	3734	3740	3754	rVB2	304259	905691	36.66%	5.383%
99	28.248	4187	4197	4214	rVB2	584177	2470491	100.00%	14.684%
100	29.776	4447	4457	4482	rVB6	426098	2343488	94.86%	13.929%

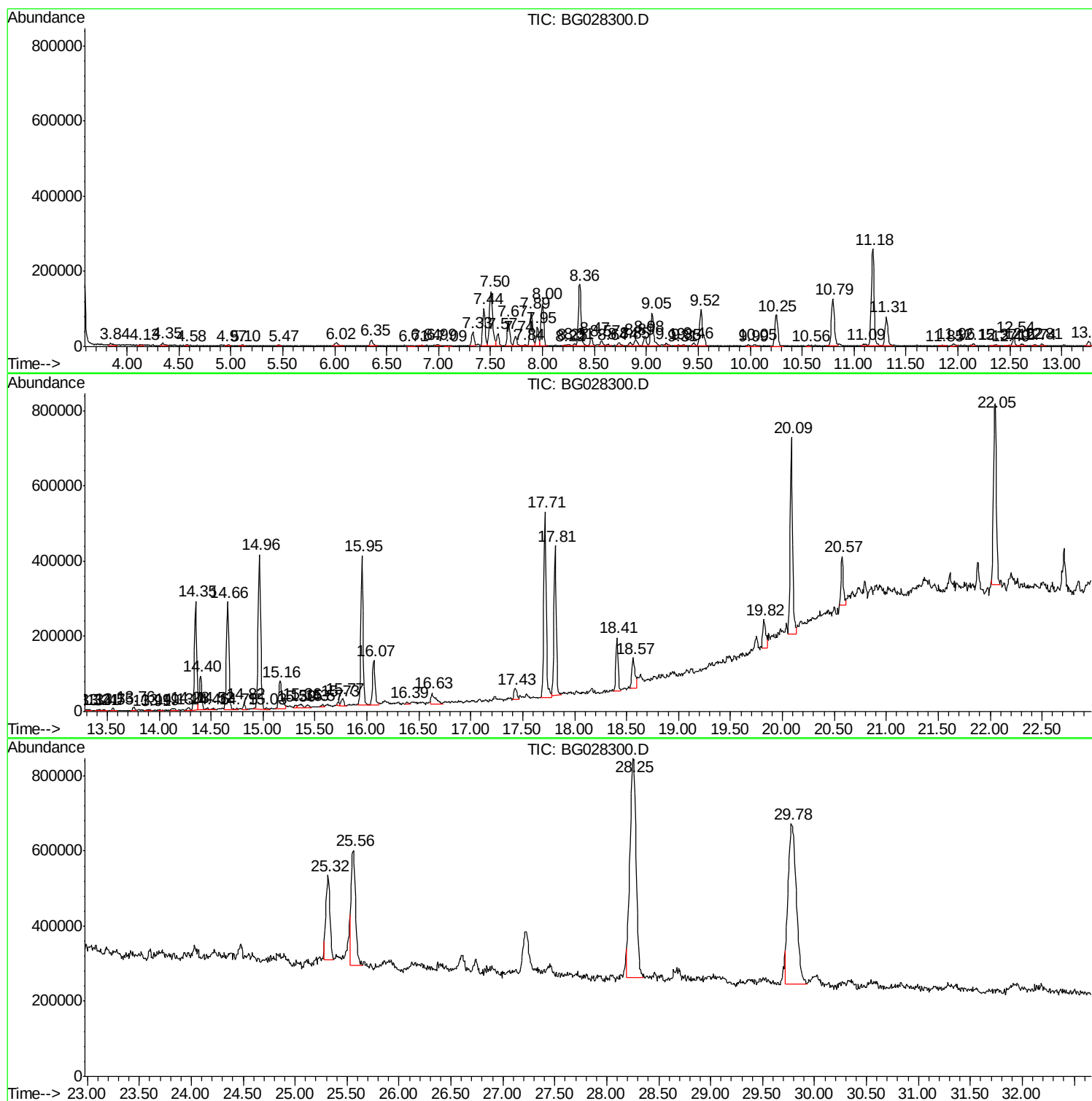
Sum of corrected areas: 16824849

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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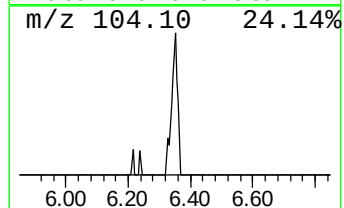
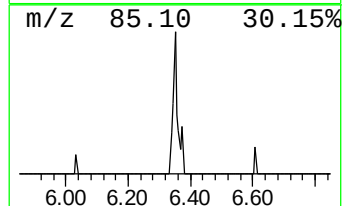
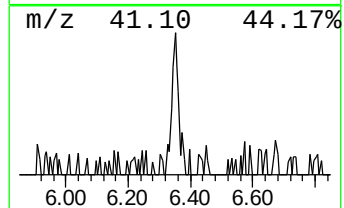
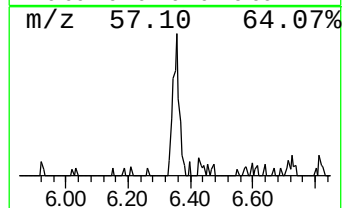
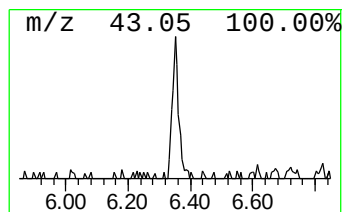
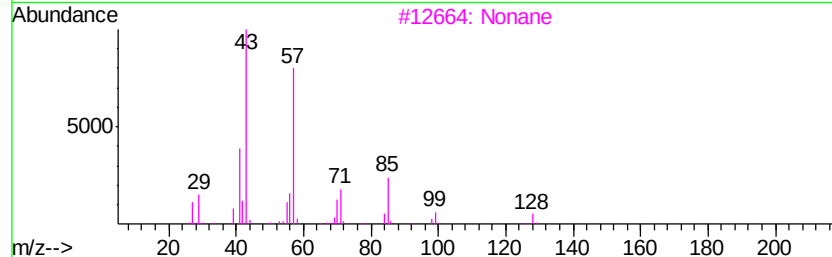
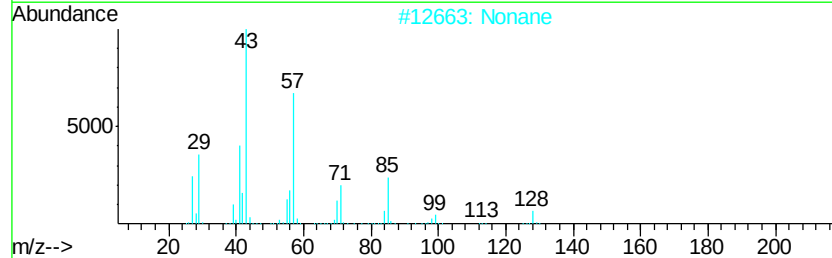
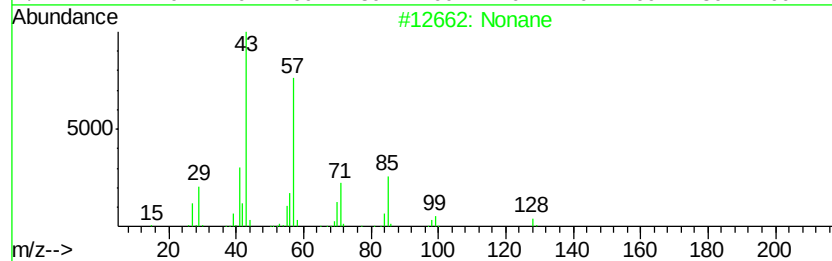
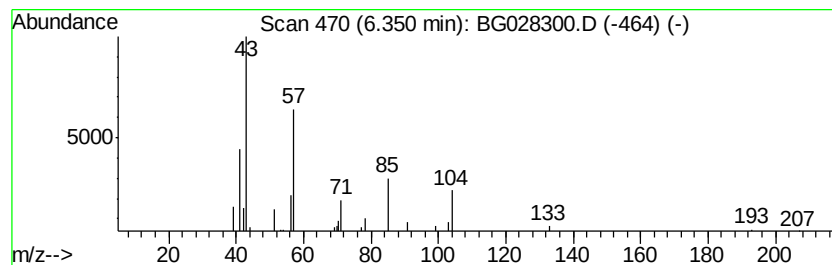
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	2.13 ng/ul	32549	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	43
2		Nonane	128	C9H20	000111-84-2	43
3		Nonane	128	C9H20	000111-84-2	37
4		Octane	114	C8H18	000111-65-9	32
5		Valeric acid, tetradecyl ester	298	C19H38O2	125164-52-5	25



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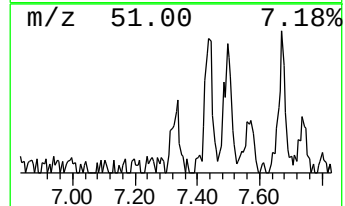
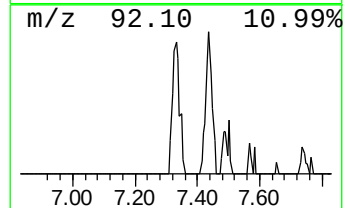
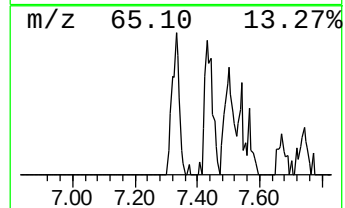
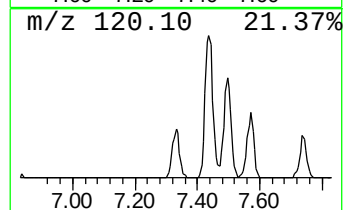
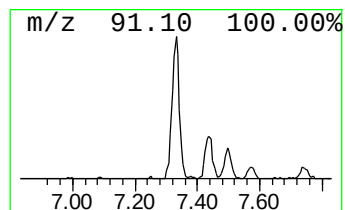
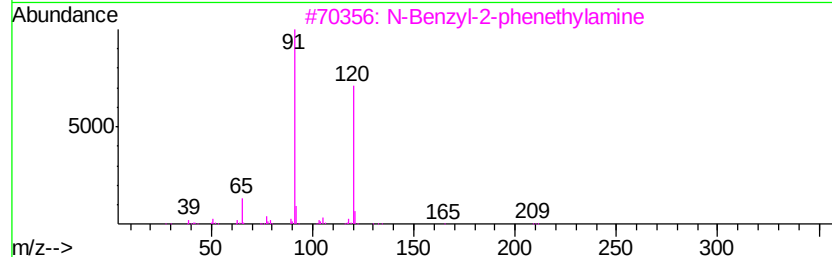
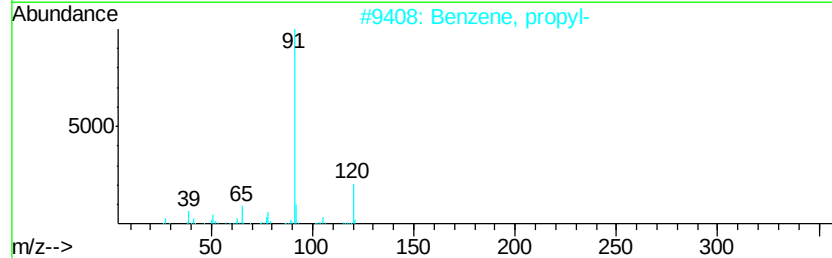
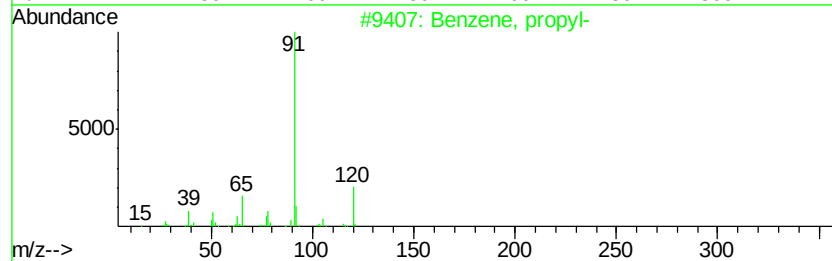
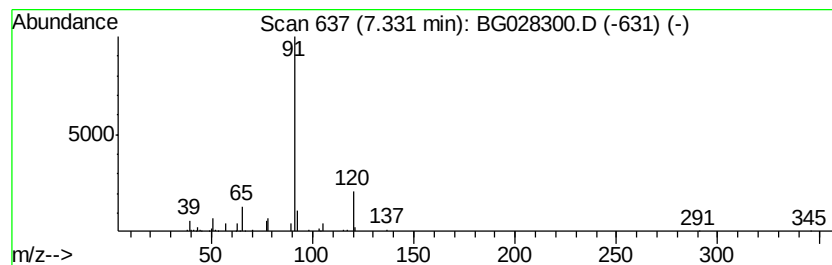
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	3.87 ng/ul	59064	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	87
2		Benzene, propyl-	120	C9H12	000103-65-1	81
3		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5		Benzene, propyl-	120	C9H12	000103-65-1	64



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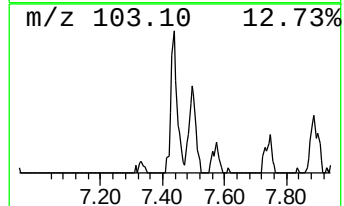
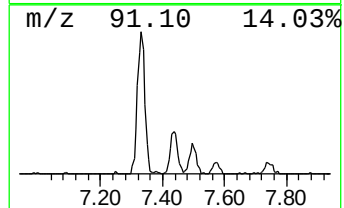
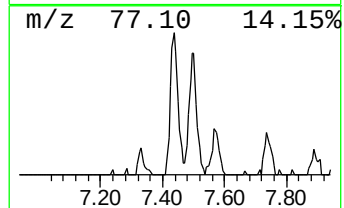
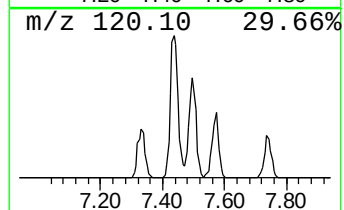
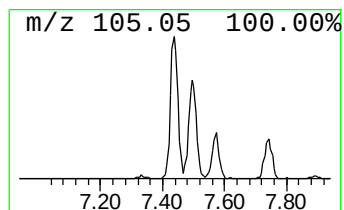
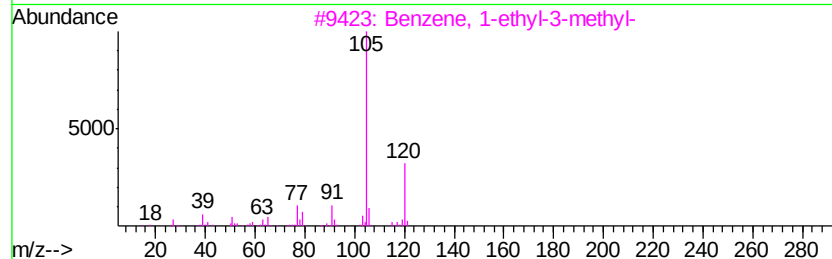
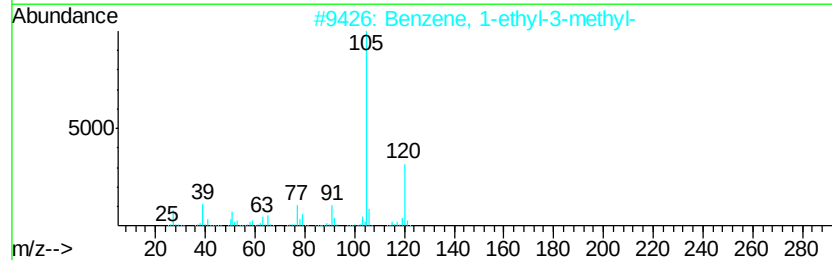
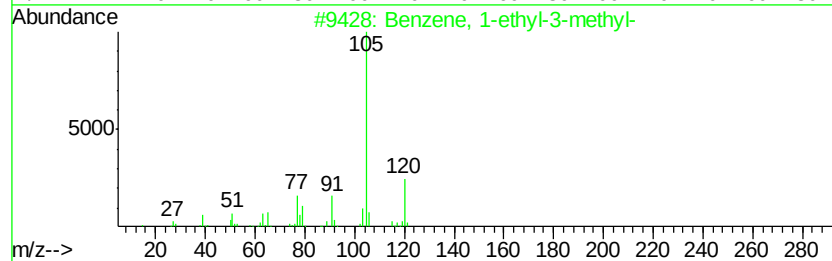
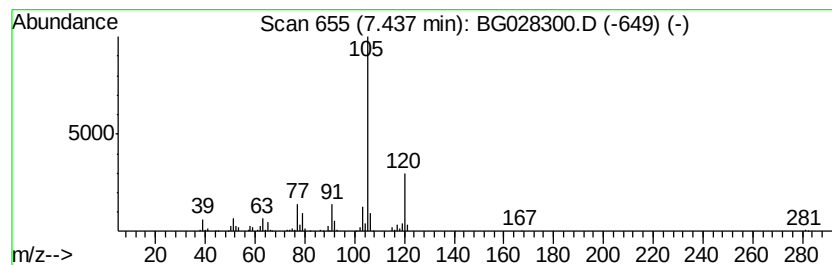
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Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	10.63 ng/ul	162095	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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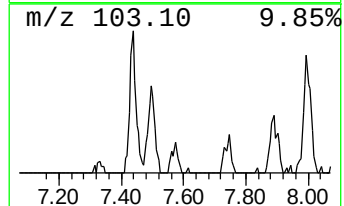
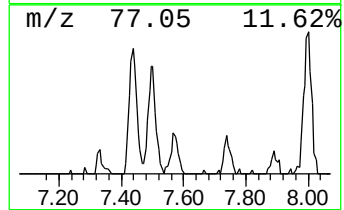
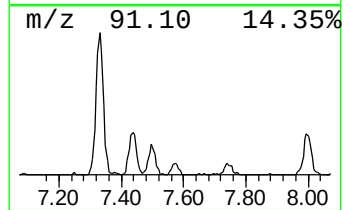
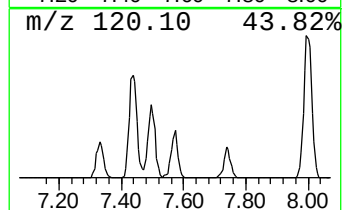
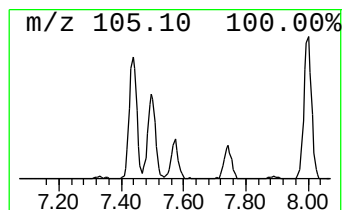
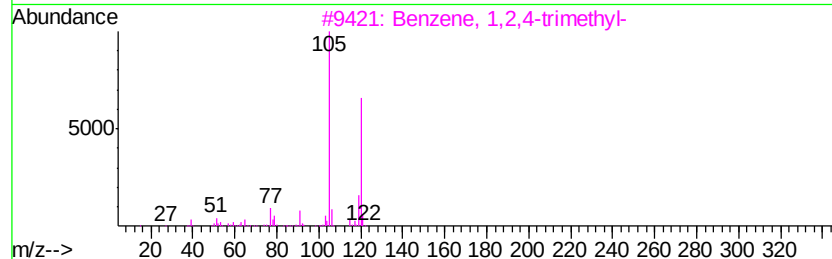
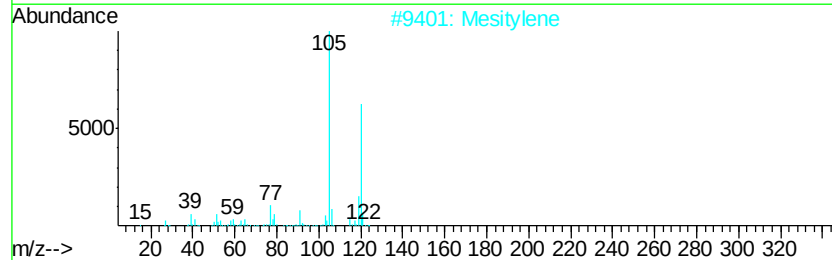
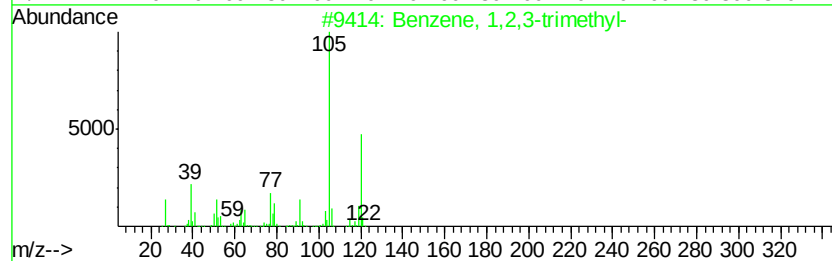
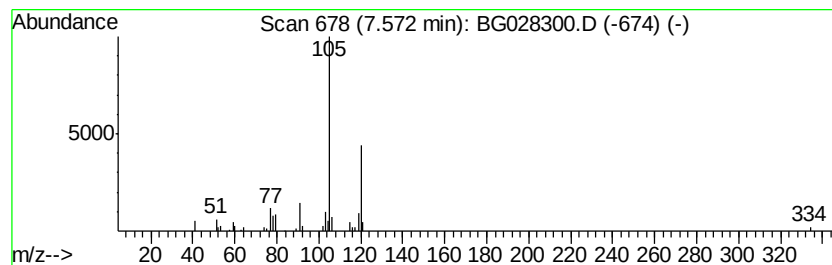
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.55 ng/ul	54193	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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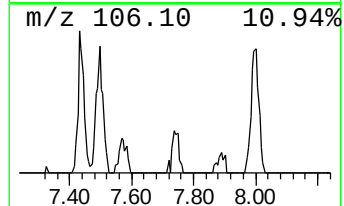
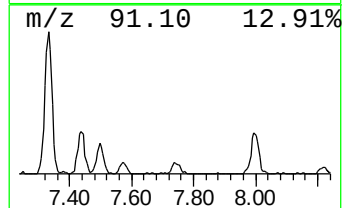
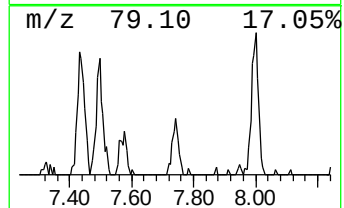
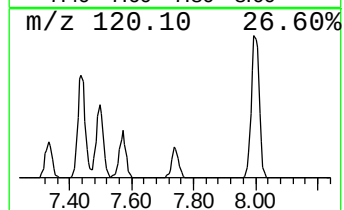
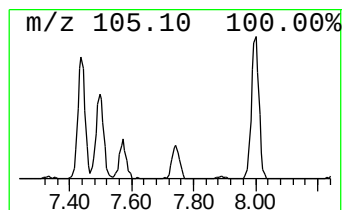
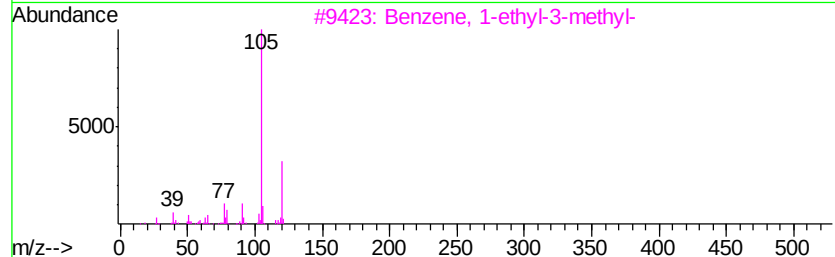
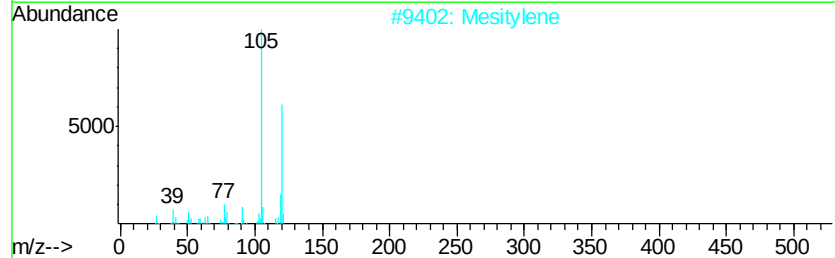
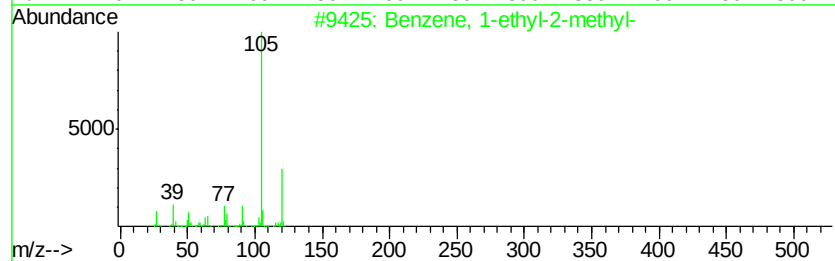
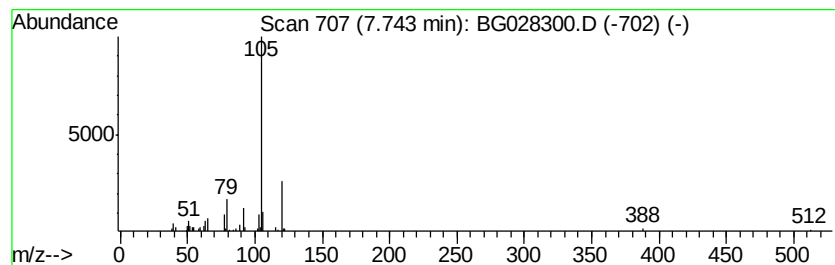
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	3.15 ng/ul	47992	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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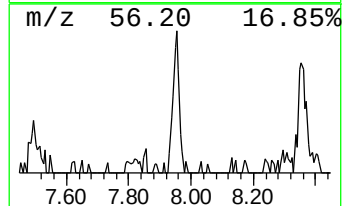
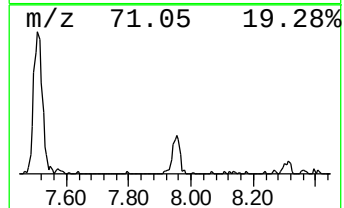
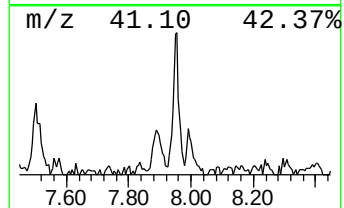
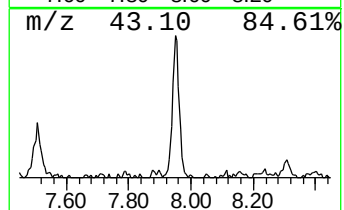
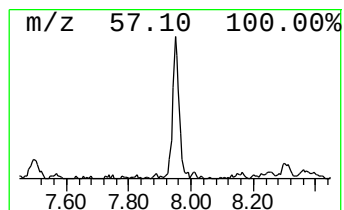
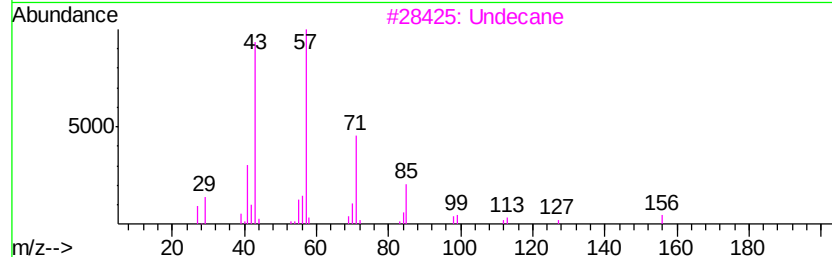
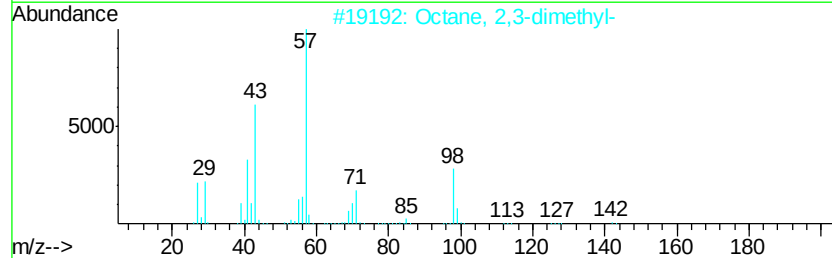
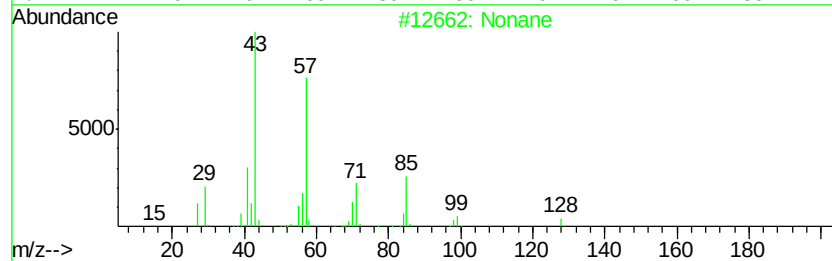
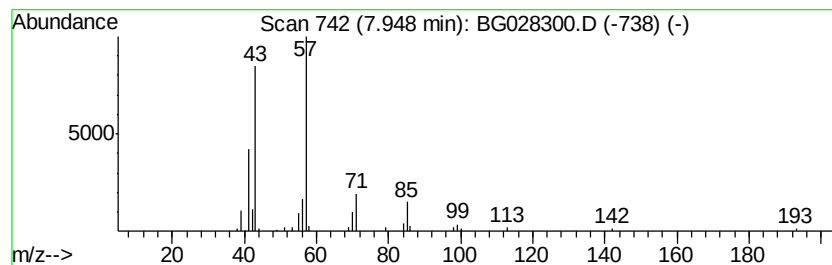
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	5.14 ng/ul	78313	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	72
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3		Undecane	156	C11H24	001120-21-4	64
4		Nonane	128	C9H20	000111-84-2	64
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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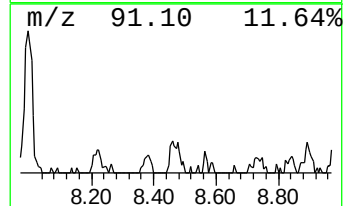
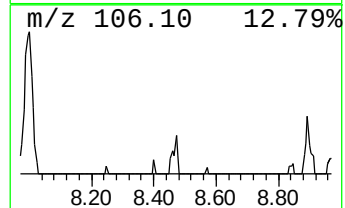
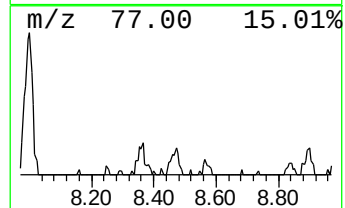
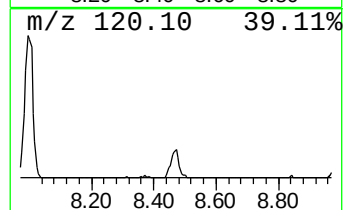
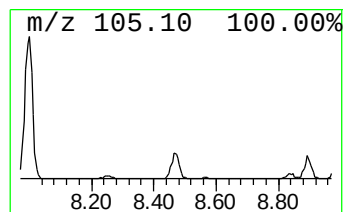
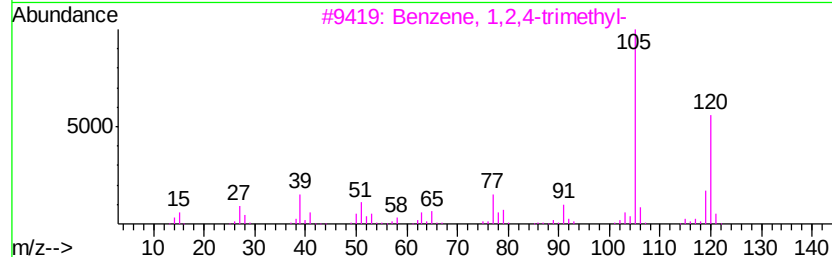
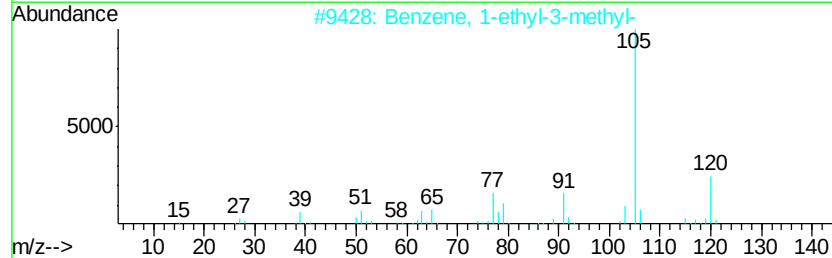
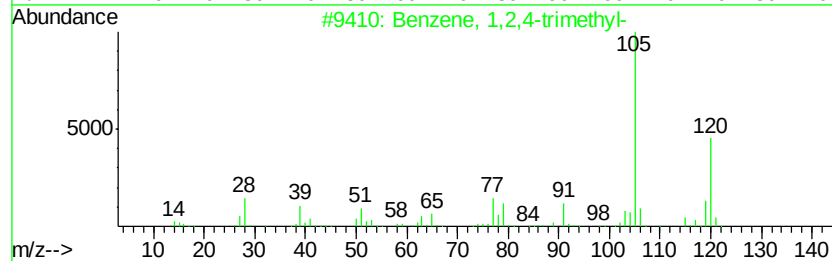
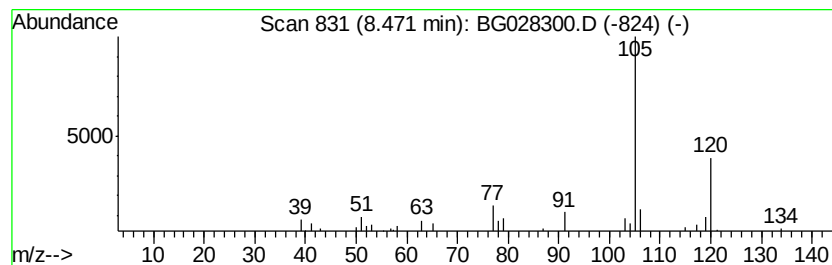
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	2.57 ng/ul	39147	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Misc :
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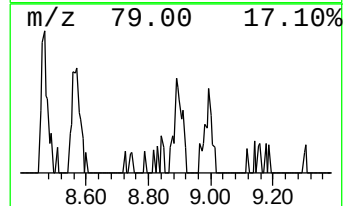
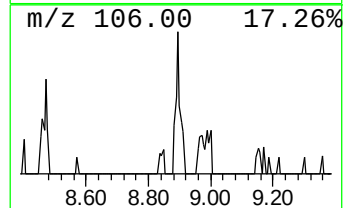
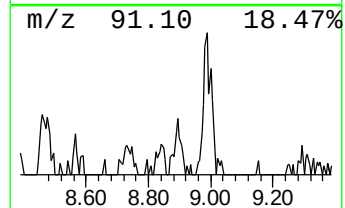
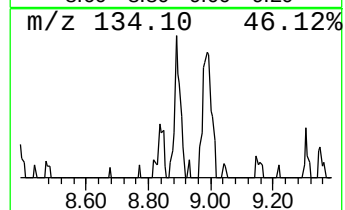
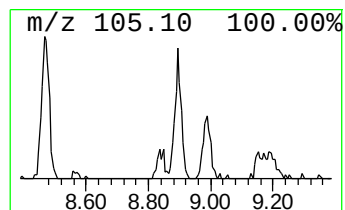
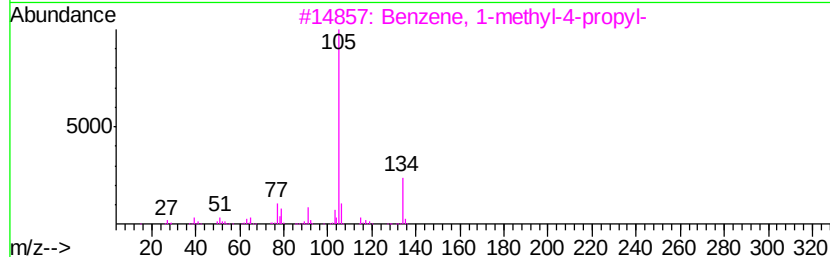
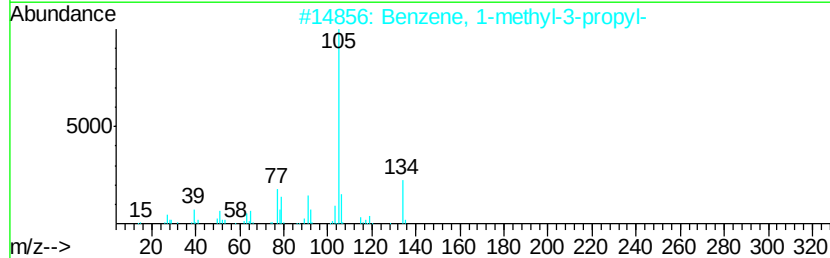
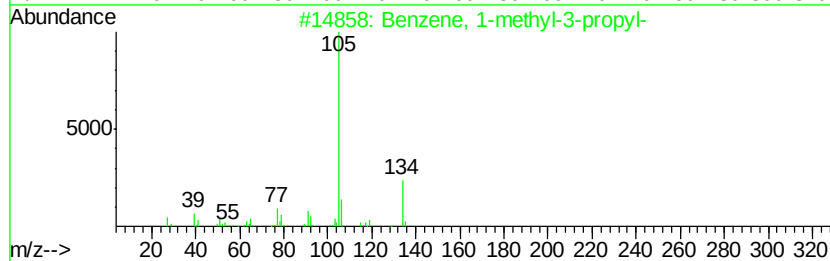
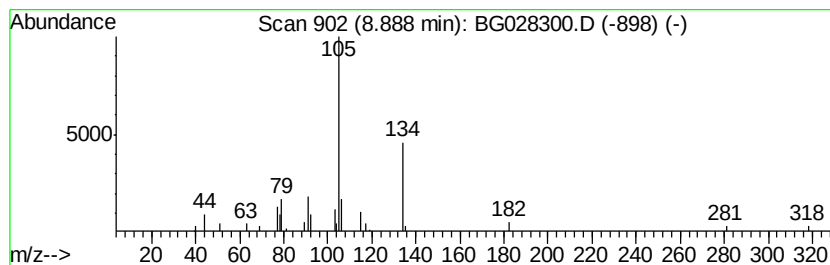
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.89	2.43 ng/ul	37059	1,4-Dichlorobenzene-d4	8.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1-methyl-3-propyl-	134	C10H14	001074-43-7	83
2	Benzene,	1-methyl-3-propyl-	134	C10H14	001074-43-7	80
3	Benzene,	1-methyl-4-propyl-	134	C10H14	001074-55-1	80
4	Benzene,	(1-methylpropyl)-	134	C10H14	000135-98-8	80
5	Benzene,	(1-methylpropyl)-	134	C10H14	000135-98-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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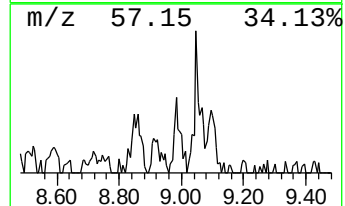
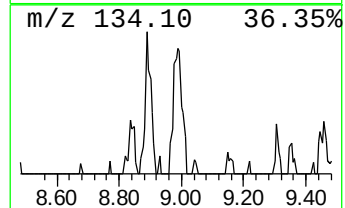
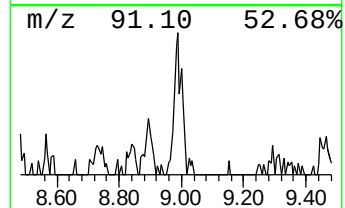
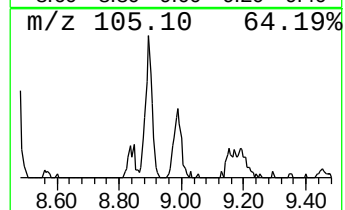
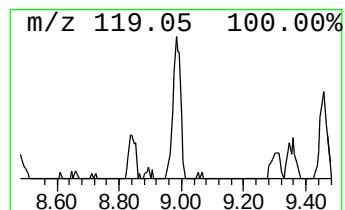
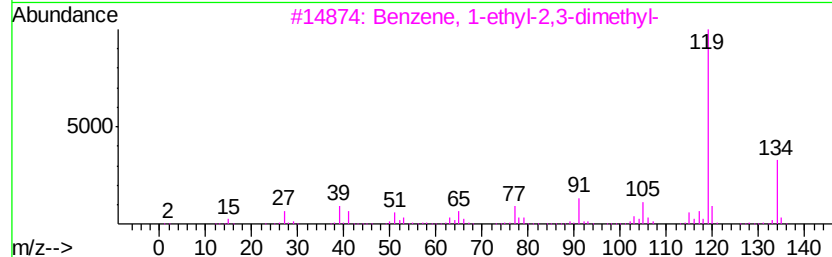
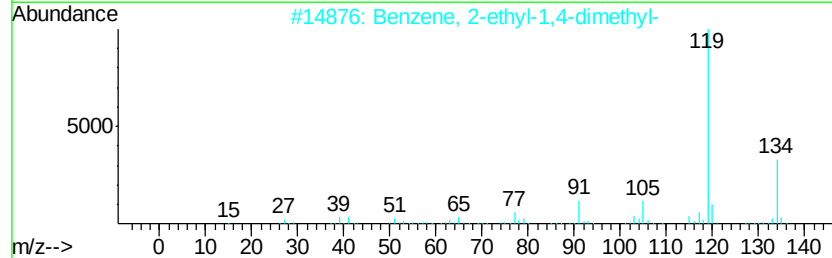
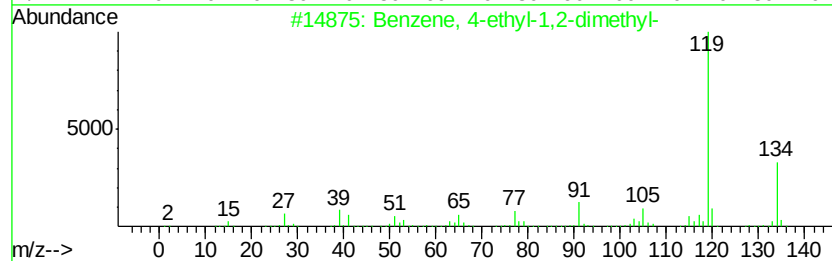
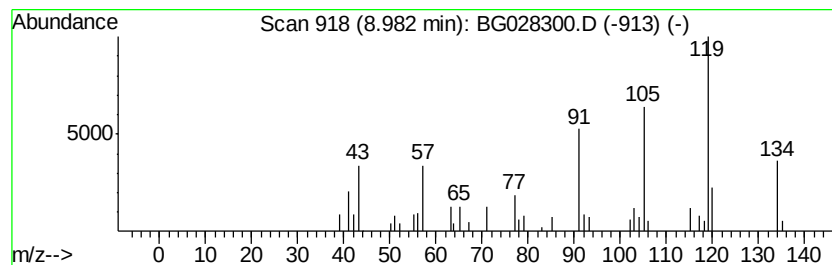
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	3.04 ng/ul	46431	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
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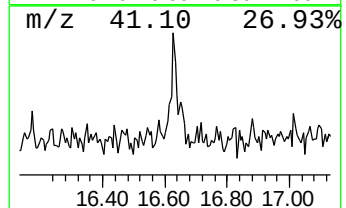
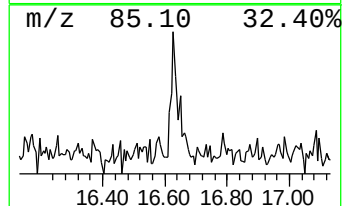
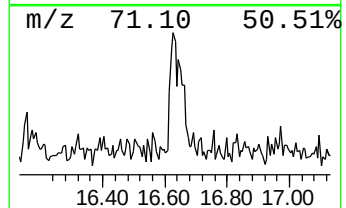
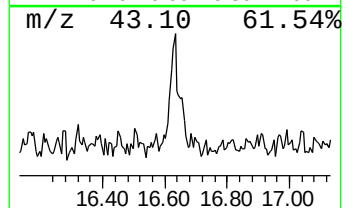
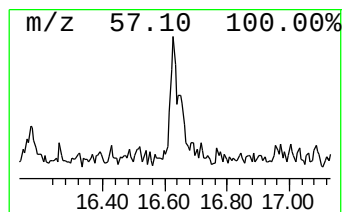
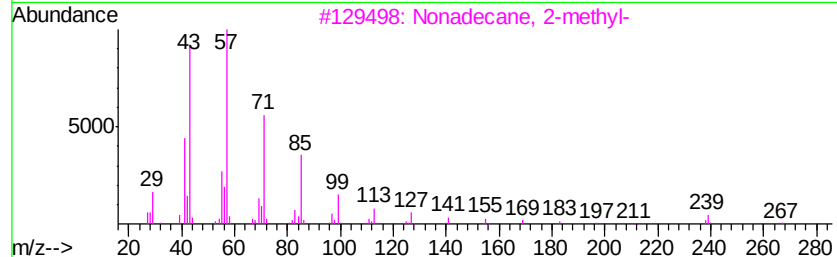
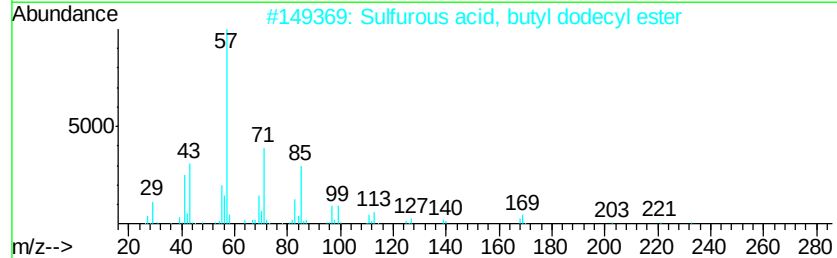
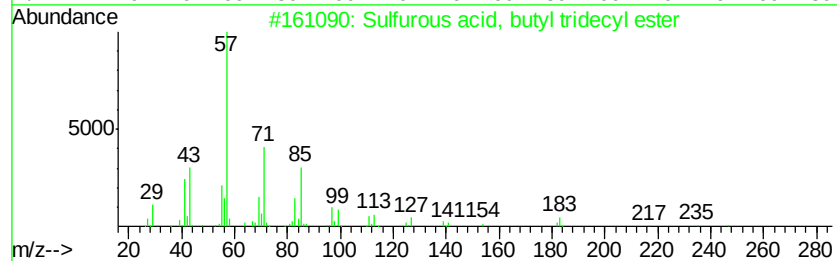
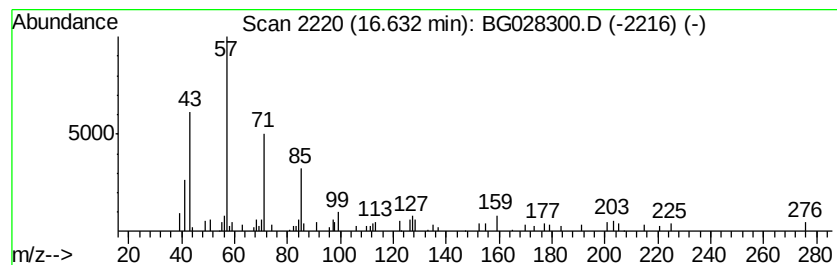
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Sulfurous acid, butyl tridecyl ester... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.02 ng/ul	83358	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	59
4		Eicosane	282	C20H42	000112-95-8	59
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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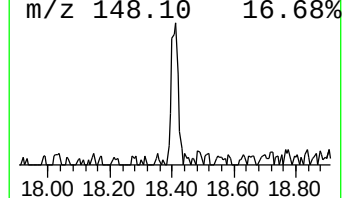
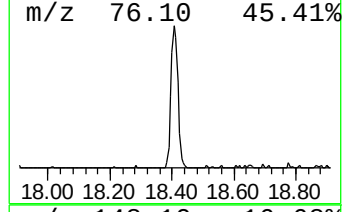
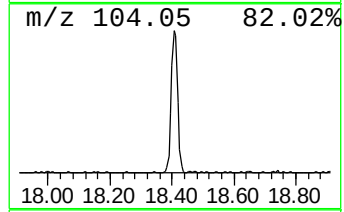
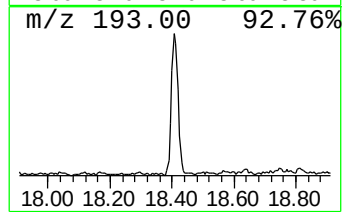
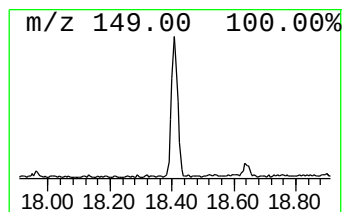
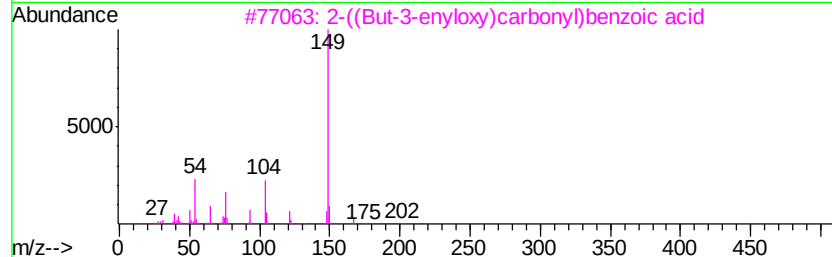
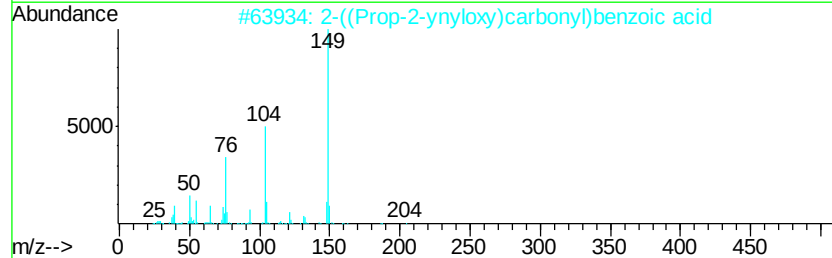
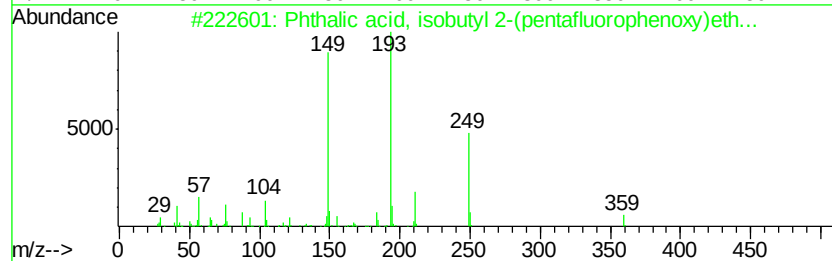
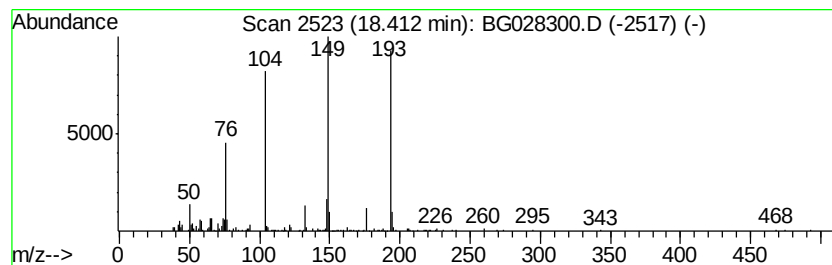
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phthalic acid, isobutyl 2-(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	5.01 ng/ul	206622	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, isobutyl 2-(penta...	432	C20H17F5O5	1000378-00-4	53
2			2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	47
3			2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	1000373-53-4	38
4			2-((2-Methoxyethoxy)carbonyl)ben...	224	C11H12O5	1000373-52-0	38
5			m-Nitrobenzaldehyde dimethylhydr...	193	C9H11N3O2	032787-76-1	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC8B5

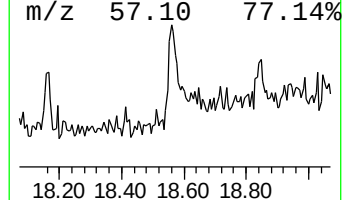
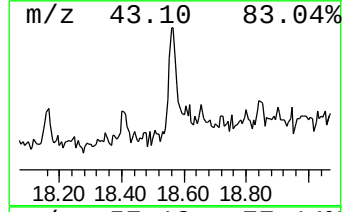
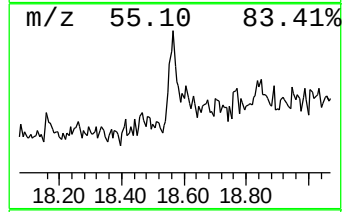
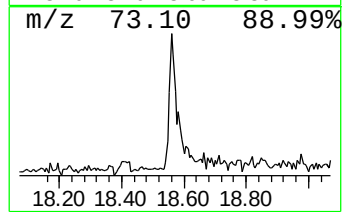
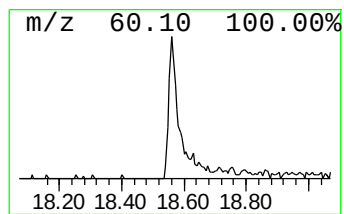
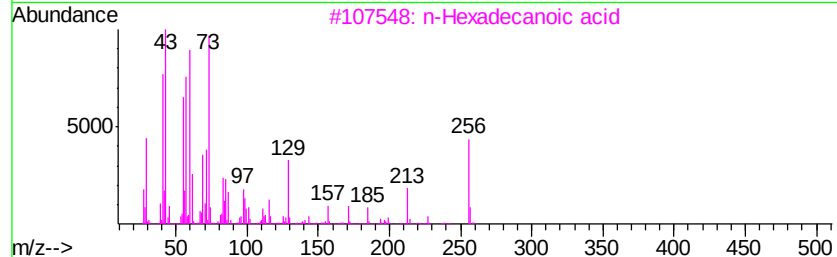
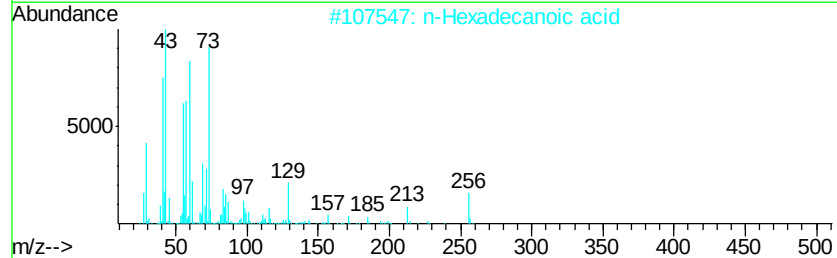
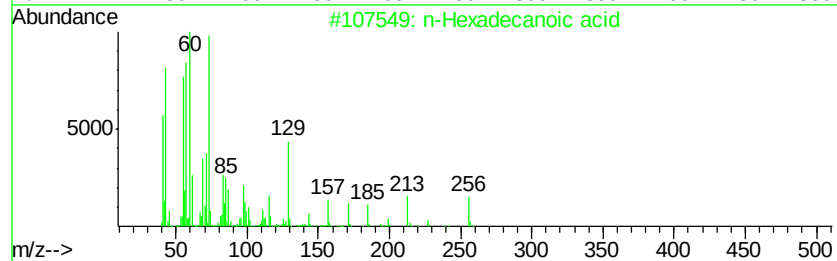
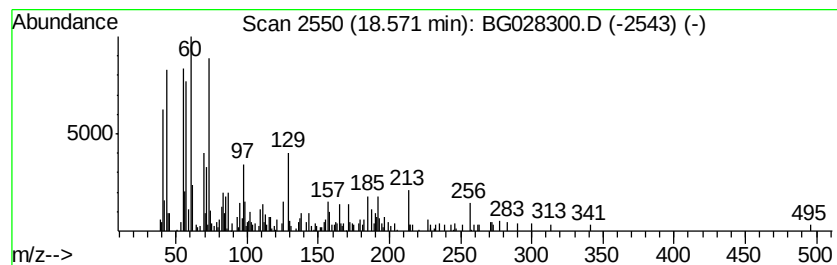
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.20 ng/ul	173054	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BC8B5

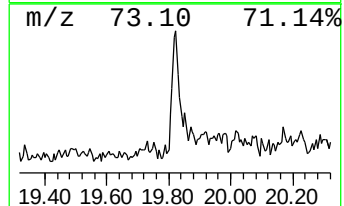
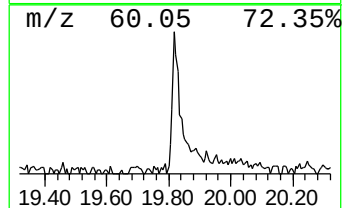
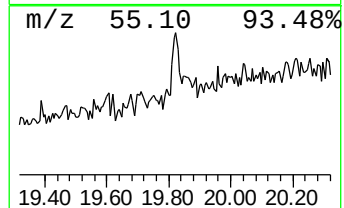
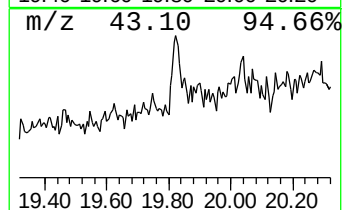
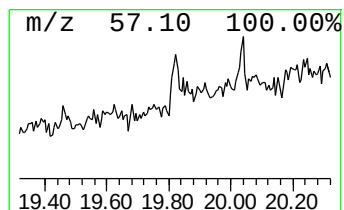
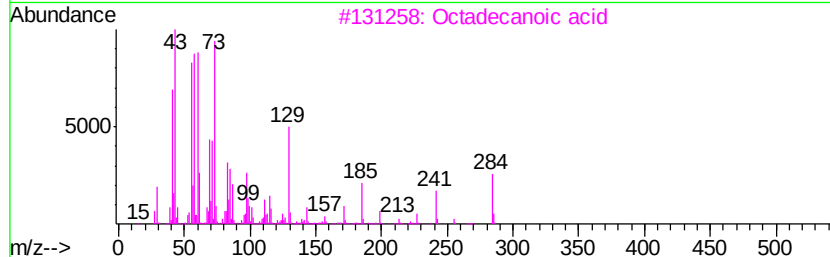
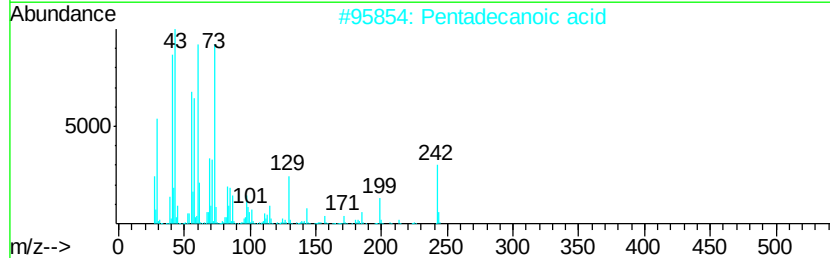
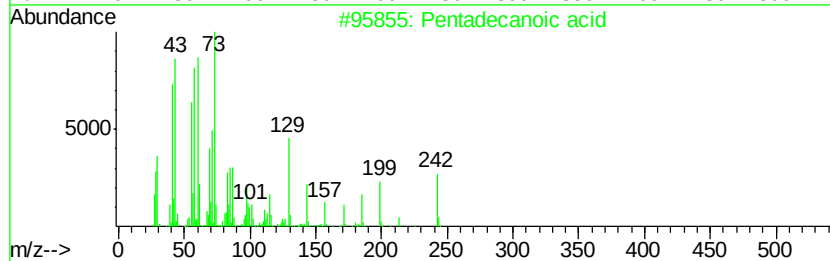
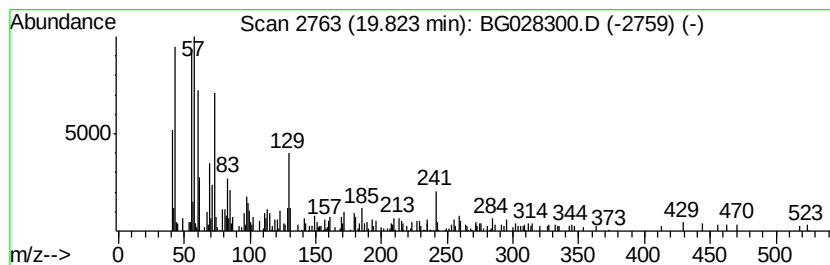
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.59 ng/ul	148094	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3			Octadecanoic acid	284	C18H36O2	000057-11-4	58
4			8-Chlorocapric acid	178	C8H15ClO2	001795-62-6	52
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028300.D
Acq On : 11 Aug 2017 21:35
Operator : SJ/JU
Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

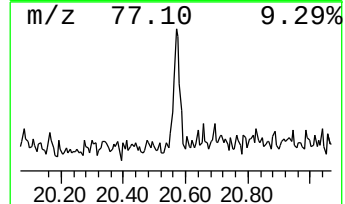
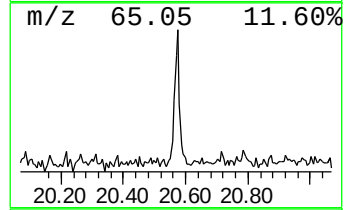
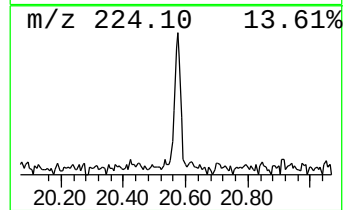
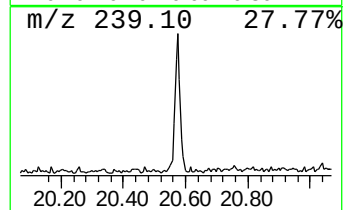
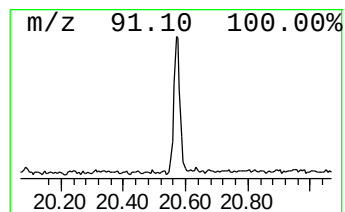
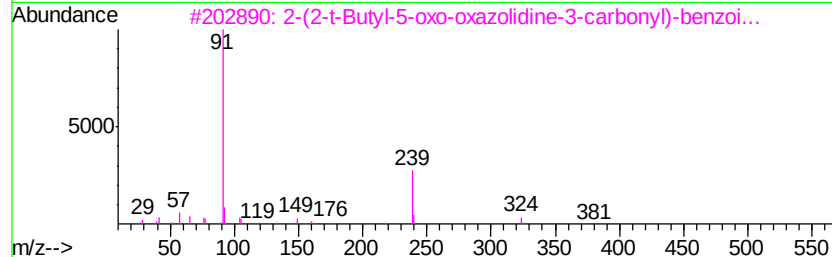
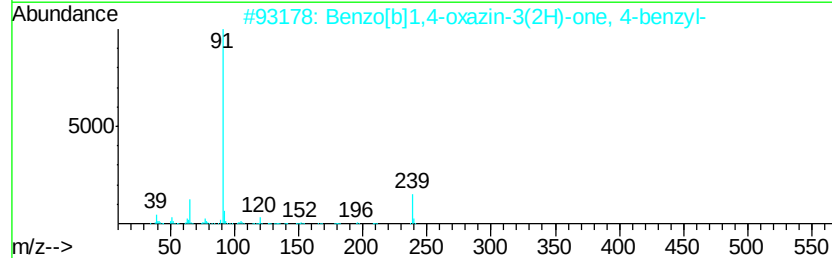
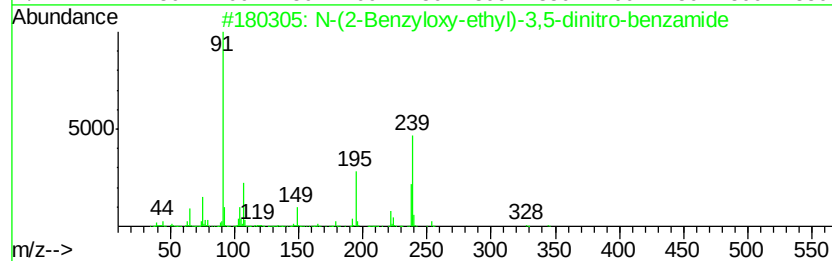
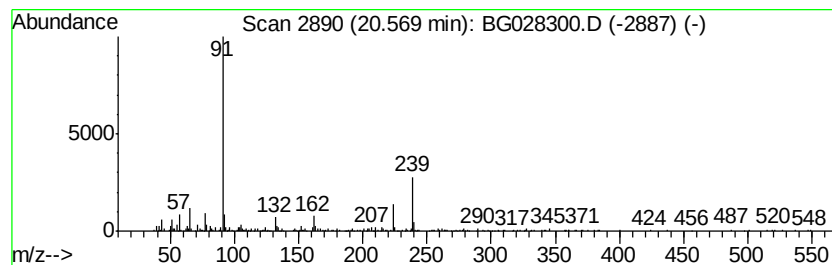
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.57	4.25 ng/ul	193406	Chrysene-d12	22.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Benzyloxy-ethyl)-3,5-dinitr...	345	C16H15N3O6	328031-28-3	35
2	Benzo[b]1,4-oxazin-3(2H)-one, 4-...	239	C15H13N02	063208-65-1	27
3	2-(2-t-Butyl-5-oxo-oxazolidine-3...	381	C22H23N05	1000189-63-6	16
4	benz[d]isoxazole, 4-benzyloxy-3-...	239	C15H13N02	1000131-49-9	12
5	Nicotinonitrile, 1,2-dihydro-2-o...	224	C14H12N2O	004241-21-8	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 11 Aug 2017 21:35
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Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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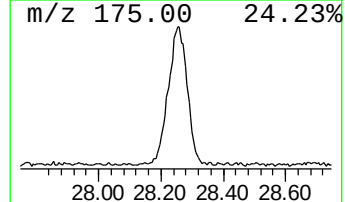
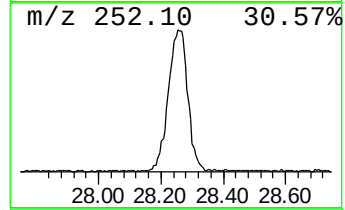
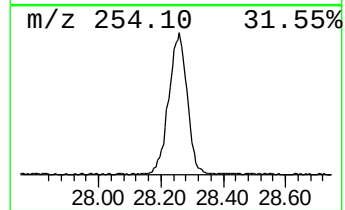
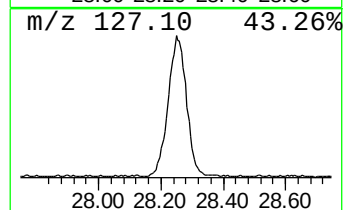
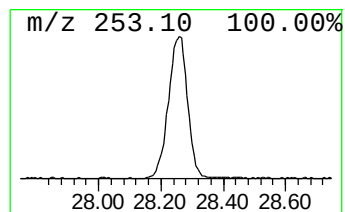
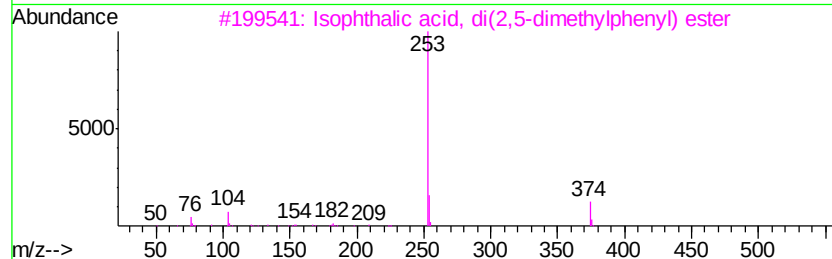
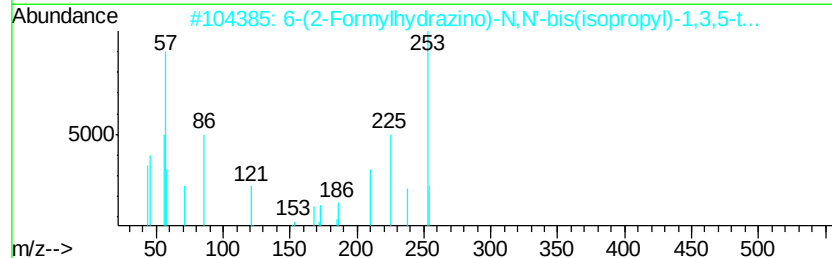
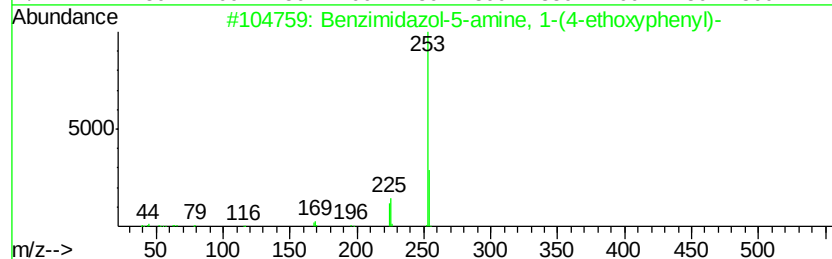
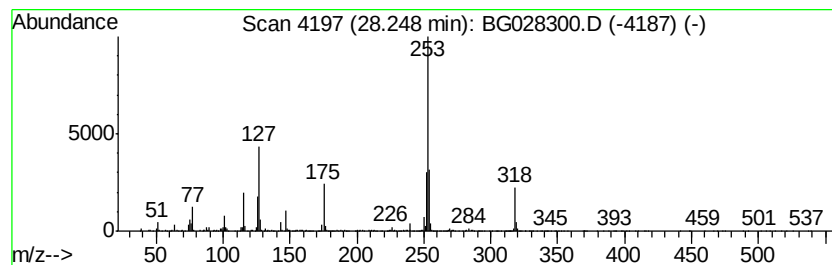
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	54.55 ng/ul	2470490	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	27
2		6-(2-Formylhydrazino)-N,N'-bis(i...	253	C10H19N7O	084305-82-8	12
3		Isophthalic acid, di(2,5-dimethy...	374	C24H22O4	1000344-54-6	12
4		Phthalic acid, 3,5-dimethylpheny...	376	C23H20O5	1000315-68-2	12
5		Pyridine-3-carboxamide, N-butyl-...	325	C10H10Cl3N3O3	1000277-45-8	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Sample : I4521-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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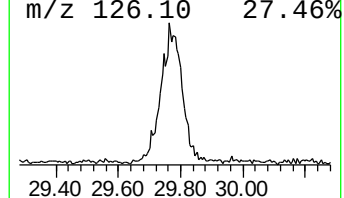
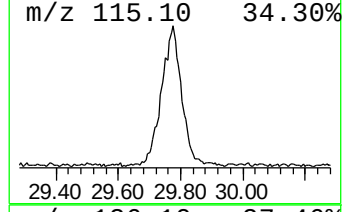
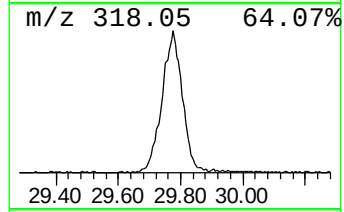
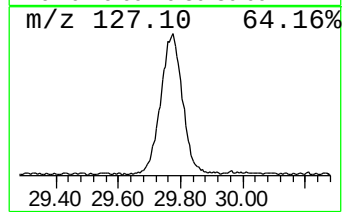
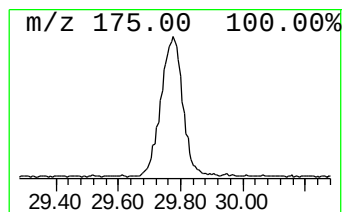
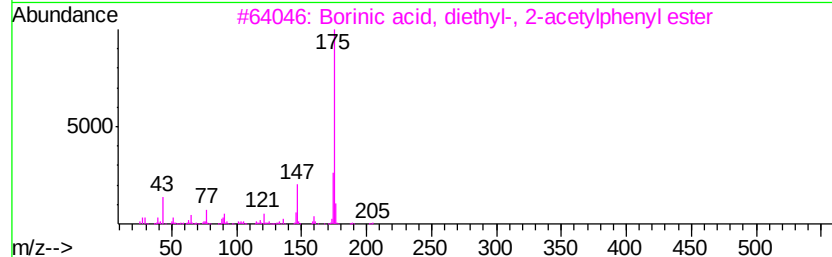
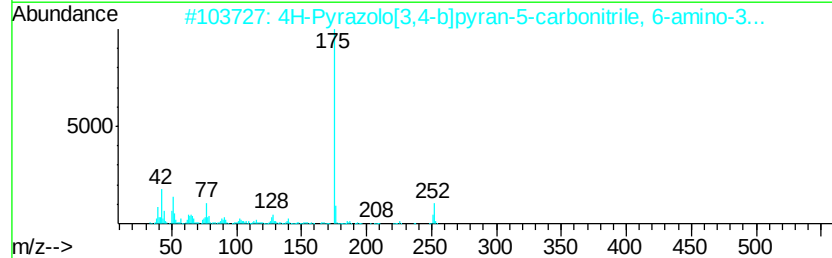
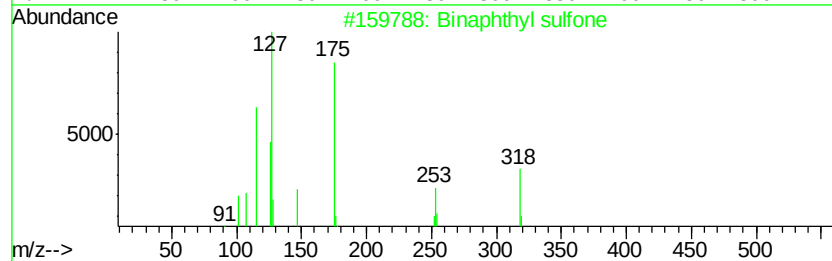
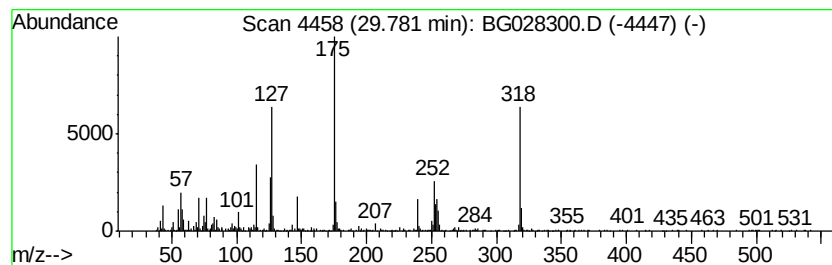
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Binaphthyl sulfone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.78	51.75 ng/ul	2343490	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Binaphthyl sulfone	318	C20H14O2S	032390-26-4	83
2		4H-Pyrazolo[3,4-b]pyran-5-carbon...	252	C14H12N4O	081000-11-5	27
3		Borinic acid, diethyl-, 2-acetyl...	204	C12H17B02	074663-95-9	25
4		3,4-Difluorobenzyl alcohol, pent...	290	C10H5F7O2	1000364-26-8	25
5		4-Methyl-2,6-dihydroxyquinoline	175	C10H9N02	034982-01-9	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, propyl-	7.33	3.9	ng/ul	59064	1	8.36	305012	20.0
Benzene, 1-ethyl-...	7.44	10.6	ng/ul	162095	1	8.36	305012	20.0
Benzene, 1,2,3-tr...	7.57	3.5	ng/ul	54193	1	8.36	305012	20.0
Benzene, 1-ethyl-...	7.74	3.1	ng/ul	47992	1	8.36	305012	20.0
(DEL) Alkane: Str...	7.95	5.1	ng/ul	78313	1	8.36	305012	20.0
Benzene, 1,2,4-tr...	8.47	2.6	ng/ul	39147	1	8.36	305012	20.0
Benzene, 1-methyl...	8.89	2.4	ng/ul	37059	1	8.36	305012	20.0
Benzene, 4-ethyl-...	8.98	3.0	ng/ul	46431	1	8.36	305012	20.0
Sulfurous acid, b...	16.63	2.0	ng/ul	83358	4	17.71	824593	20.0
Phthalic acid, is...	18.41	5.0	ng/ul	206622	4	17.71	824593	20.0
n-Hexadecanoic acid	18.57	4.2	ng/ul	173054	4	17.71	824593	20.0
Pentadecanoic acid	19.82	3.6	ng/ul	148094	4	17.71	824593	20.0
unknown01	20.57	4.3	ng/ul	193406	5	22.05	910961	20.0
unknown02	28.25	54.5	ng/ul	2470490	6	25.56	905691	20.0
Binaphthyl sulfone	29.78	51.8	ng/ul	2343490	6	25.56	905691	20.0