

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
 Data File : BG028317.D
 Acq On : 14 Aug 2017 17:55
 Operator : SJ/JU
 Sample : I4489-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X2A57

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	38	43	44	rBV3	6891	8324	0.42%	0.023%
2	3.870	44	48	55	rVB2	21097	37592	1.92%	0.105%
3	4.875	213	219	238	rVB	161774	262253	13.36%	0.731%
4	5.216	275	277	280	rBV2	2887	4181	0.21%	0.012%
5	5.468	309	320	330	rBV	47050	74784	3.81%	0.208%
6	7.501	658	666	669	rBV3	243473	472492	24.07%	1.316%
7	7.672	689	695	704	rVB	97840	172139	8.77%	0.480%
8	7.766	704	711	722	rBV	130472	217011	11.05%	0.605%
9	7.889	725	732	740	rBV2	127115	235692	12.01%	0.657%
10	8.359	803	812	823	rBV2	111124	192414	9.80%	0.536%
11	9.052	923	930	943	rVB2	159691	307436	15.66%	0.856%
12	9.446	989	997	1004	rBV2	207793	373145	19.01%	1.040%
13	9.528	1004	1011	1014	rBV	137314	257536	13.12%	0.717%
14	9.569	1015	1018	1029	rVB	96710	162732	8.29%	0.453%
15	9.892	1068	1073	1079	rBV3	2822	5079	0.26%	0.014%
16	10.075	1101	1104	1111	rVB3	2100	4535	0.23%	0.013%
17	10.280	1125	1139	1154	rBV4	109371	360967	18.39%	1.006%
18	10.797	1217	1227	1239	rBV	161711	335381	17.08%	0.934%
19	10.991	1255	1260	1264	rBV5	2553	4304	0.22%	0.012%
20	11.109	1273	1280	1285	rBV	20151	33036	1.68%	0.092%
21	11.179	1285	1292	1296	rVV	165505	318136	16.21%	0.886%
22	11.232	1296	1301	1308	rVB	331672	604852	30.81%	1.685%
23	11.314	1310	1315	1330	rVB4	23565	54743	2.79%	0.153%
24	12.742	1553	1558	1562	rVB4	3488	5363	0.27%	0.015%
25	12.807	1562	1569	1584	rBV	622790	1071925	54.61%	2.986%
26	12.924	1586	1589	1597	rVB5	1953	4411	0.22%	0.012%
27	13.024	1597	1606	1621	rBV	332185	551448	28.09%	1.536%
28	13.171	1621	1631	1639	rVV	197714	324768	16.54%	0.905%
29	13.482	1670	1684	1702	rBV	372738	689469	35.12%	1.921%
30	13.670	1713	1716	1720	rVB2	2573	4070	0.21%	0.011%
31	13.800	1725	1738	1742	rBV	553185	924277	47.08%	2.575%
32	13.847	1742	1746	1759	rVB	439035	731531	37.27%	2.038%
33	14.281	1814	1820	1823	rBV4	2861	4844	0.25%	0.013%
34	14.352	1823	1832	1837	rVV	379023	585081	29.81%	1.630%

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35	14.399	1837	1840	1847	rVB	91223	130755	6.66%	0.364%
36	14.452	1848	1849	1857	rVB5	3381	6261	0.32%	0.017%
37	14.516	1857	1860	1866	rBV4	2277	4262	0.22%	0.012%
38	14.663	1876	1885	1887	rBV	439500	733381	37.36%	2.043%
39	14.816	1906	1911	1917	rVB2	10447	17252	0.88%	0.048%
40	14.963	1925	1936	1942	rBV2	278045	489853	24.95%	1.365%
41	15.028	1942	1947	1957	rVB	481028	770899	39.27%	2.148%
42	15.169	1960	1971	1976	rBV4	137762	312566	15.92%	0.871%
43	15.227	1976	1981	1989	rVV	278188	465376	23.71%	1.296%
44	15.321	1989	1997	2000	rVV	246289	422649	21.53%	1.177%
45	15.363	2000	2004	2011	rVB	231009	369007	18.80%	1.028%
46	15.439	2014	2017	2023	rVB2	3830	4956	0.25%	0.014%
47	15.650	2048	2053	2054	rBV2	2850	4261	0.22%	0.012%
48	15.750	2061	2070	2079	rBV	311360	469104	23.90%	1.307%
49	15.815	2079	2081	2086	rVB3	4537	5177	0.26%	0.014%
50	15.956	2096	2105	2109	rBV	587053	927284	47.24%	2.583%
51	16.009	2109	2114	2120	rVV2	650804	1000468	50.97%	2.787%
52	16.068	2120	2124	2134	rVV4	34427	58957	3.00%	0.164%
53	16.191	2134	2145	2150	rVV8	7334	20997	1.07%	0.058%
54	16.261	2152	2157	2161	rBV7	4682	7761	0.40%	0.022%
55	16.320	2164	2167	2175	rVB6	5263	8853	0.45%	0.025%
56	16.544	2200	2205	2206	rVB3	3239	4335	0.22%	0.012%
57	16.626	2215	2219	2227	rBV2	26168	44719	2.28%	0.125%
58	16.902	2261	2266	2269	rVB6	4083	5597	0.29%	0.016%
59	17.019	2272	2286	2294	rBV	242291	393792	20.06%	1.097%
60	17.137	2302	2306	2309	rBV5	4394	4988	0.25%	0.014%
61	17.237	2319	2323	2327	rVV6	4541	6654	0.34%	0.019%
62	17.372	2343	2346	2349	rBV4	3628	4261	0.22%	0.012%
63	17.419	2349	2354	2359	rBV2	22701	28939	1.47%	0.081%
64	17.472	2359	2363	2365	rVV4	3676	4364	0.22%	0.012%
65	17.713	2396	2404	2407	rBV2	363775	578030	29.45%	1.610%
66	17.754	2407	2411	2416	rVV	699246	1096935	55.88%	3.056%
67	17.813	2416	2421	2424	rVV	761579	1263112	64.35%	3.519%
68	17.848	2424	2427	2441	rVB	1163599	1758349	89.57%	4.898%
69	17.954	2441	2445	2450	rBV6	5386	10178	0.52%	0.028%
70	18.112	2464	2472	2477	rBV7	14099	28070	1.43%	0.078%
71	18.159	2477	2480	2486	rVB3	11954	14946	0.76%	0.042%

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72	18.424	2523	2525	2527	rBV3	4230	4105	0.21%	0.011%
73	18.565	2543	2549	2552	rBV4	8930	15066	0.77%	0.042%
74	18.647	2557	2563	2568	rVB	10087	16214	0.83%	0.045%
75	18.847	2593	2597	2600	rBV4	6167	7654	0.39%	0.021%
76	18.976	2607	2619	2623	rBV10	10385	23828	1.21%	0.066%
77	19.123	2639	2644	2650	rVV3	38450	58774	2.99%	0.164%
78	19.281	2667	2671	2678	rBV8	8924	18100	0.92%	0.050%
79	19.458	2699	2701	2706	rVB4	6883	8702	0.44%	0.024%
80	19.646	2731	2733	2738	rVB5	5656	6648	0.34%	0.019%
81	19.752	2743	2751	2762	rBV	854129	1246269	63.49%	3.472%
82	19.981	2784	2790	2791	rBV6	12727	19947	1.02%	0.056%
83	20.086	2801	2808	2811	rBV	973505	1601335	81.57%	4.461%
84	22.031	3130	3139	3146	rBV2	669152	1765046	89.91%	4.917%
85	22.096	3146	3150	3160	rVB	514322	893275	45.50%	2.489%
86	22.848	3275	3278	3286	rVB5	22804	40174	2.05%	0.112%
87	23.183	3328	3335	3345	rBV	416861	779545	39.71%	2.172%
88	23.594	3401	3405	3419	rVB3	44476	92048	4.69%	0.256%
89	24.440	3538	3549	3556	rBV	648279	1963027	100.00%	5.469%
90	24.505	3556	3560	3580	rVB	356991	916466	46.69%	2.553%
91	25.316	3687	3698	3705	rBV2	409359	1303445	66.40%	3.631%
92	25.392	3706	3711	3722	rVB	292727	836570	42.62%	2.331%
93	25.504	3723	3730	3732	rBV3	84225	171391	8.73%	0.477%
94	25.556	3735	3739	3756	rVB2	180988	537455	27.38%	1.497%
95	26.726	3931	3938	3953	rVB3	99055	321665	16.39%	0.896%
96	28.212	4182	4191	4204	rVB3	95592	343760	17.51%	0.958%
97	29.622	4412	4431	4433	rBV4	134619	639118	32.56%	1.780%
98	29.992	4486	4494	4515	rVB4	64921	302957	15.43%	0.844%
99	30.862	4628	4642	4673	rVB3	144296	841208	42.85%	2.343%
100	32.143	4854	4860	4883	rVB7	48353	248581	12.66%	0.693%

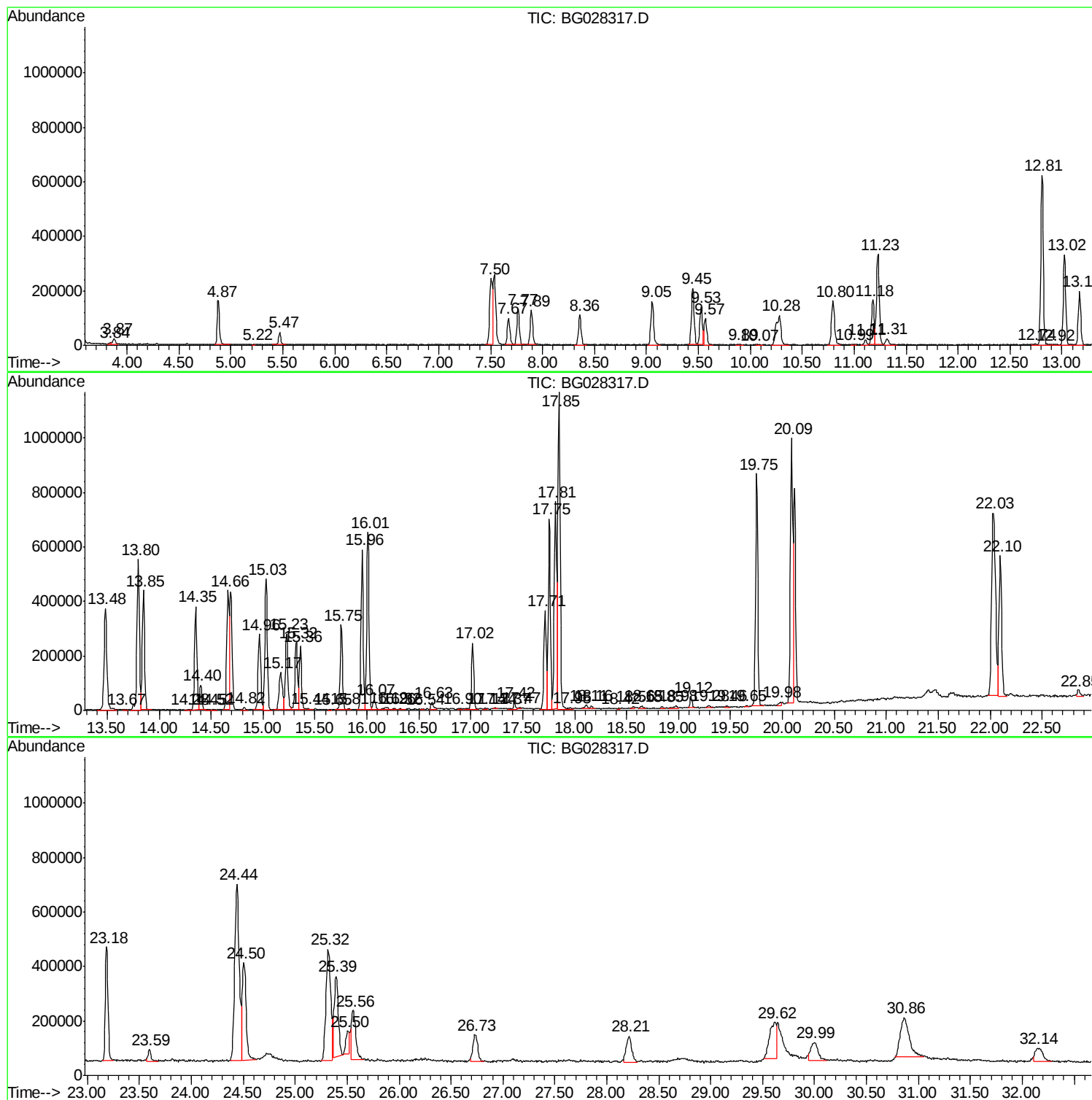
Sum of corrected areas: 35895672

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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



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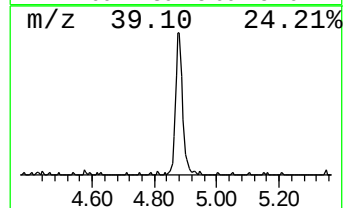
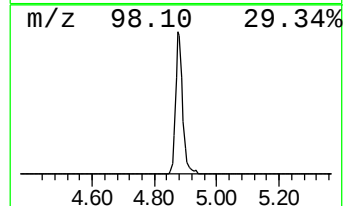
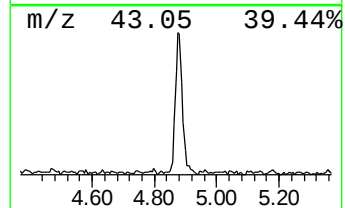
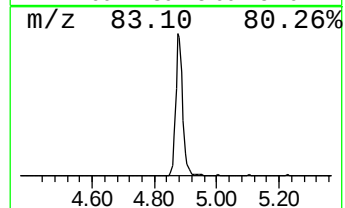
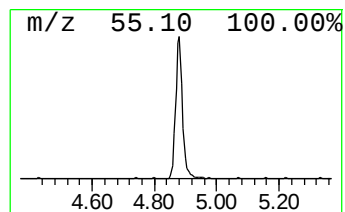
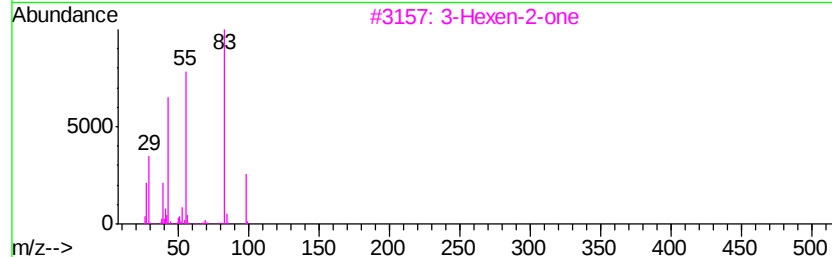
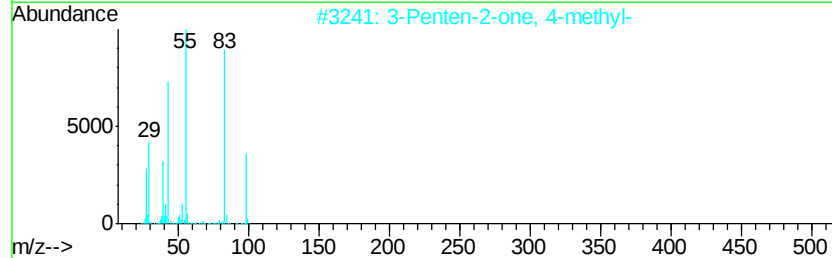
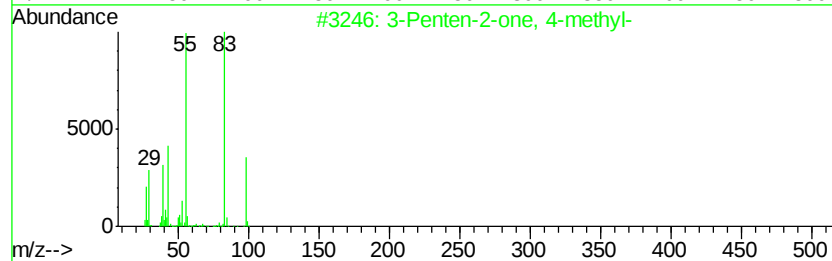
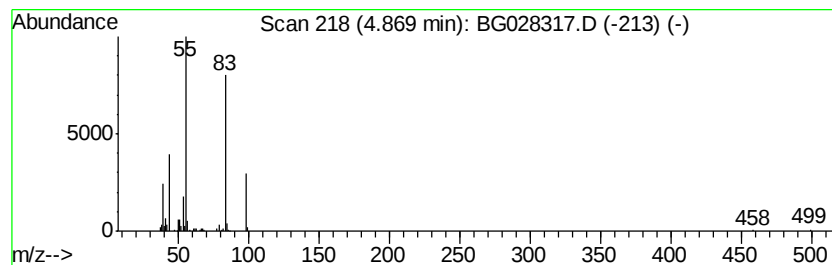
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	27.26 ng/ul	262253	1,4-Dichlorobenzene-d4	8.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3			3-Hexen-2-one	98	C6H10O	000763-93-9	86
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86



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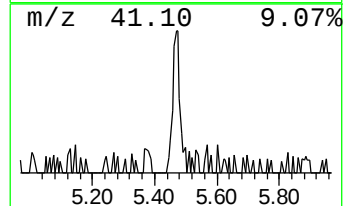
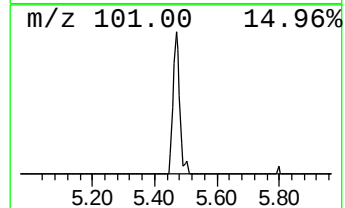
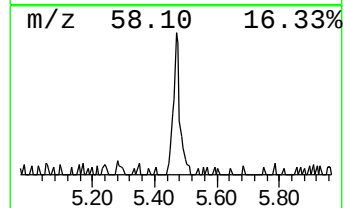
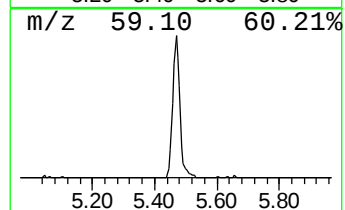
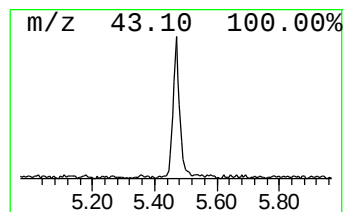
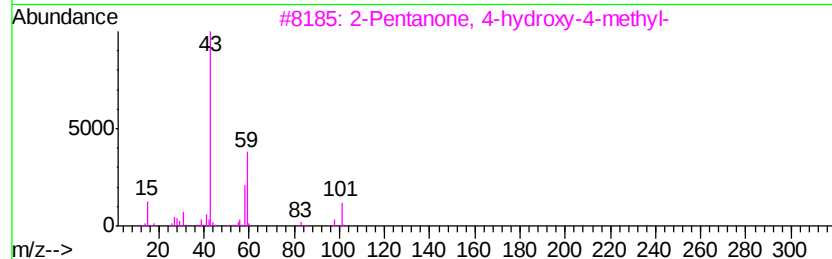
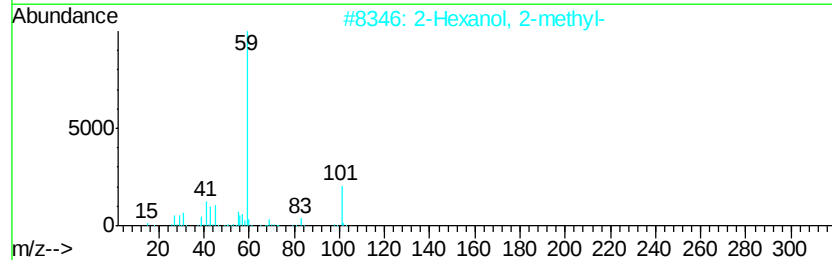
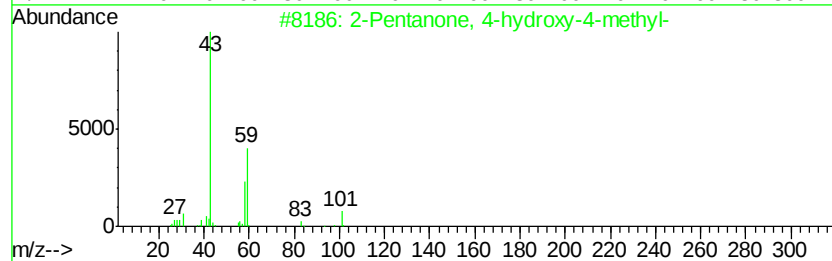
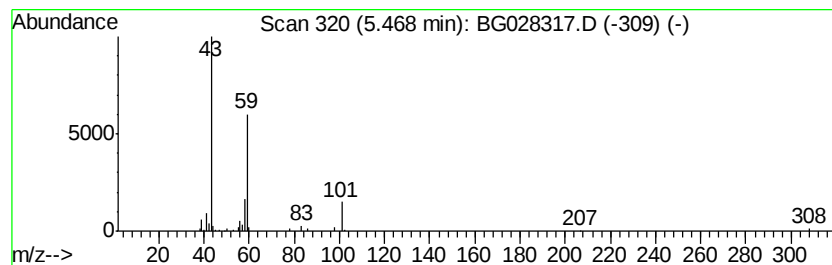
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	7.77 ng/ul	74784	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38
5		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28



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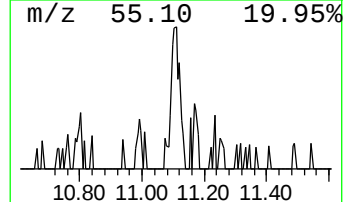
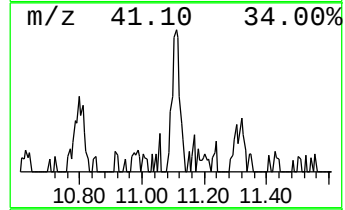
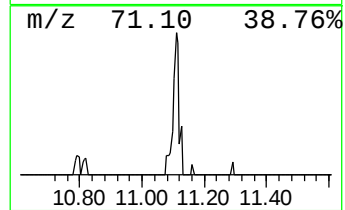
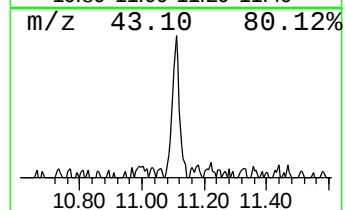
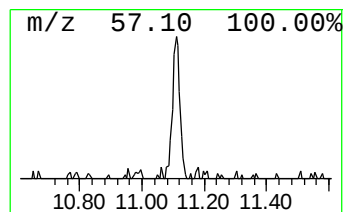
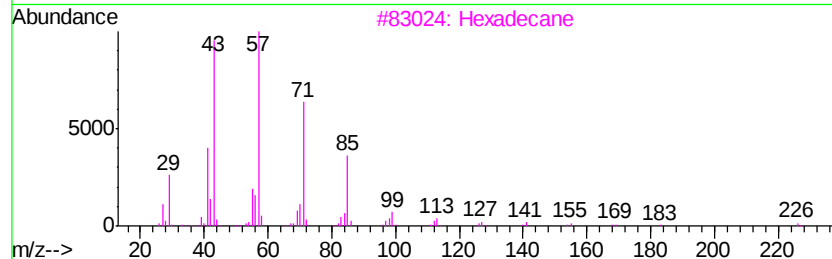
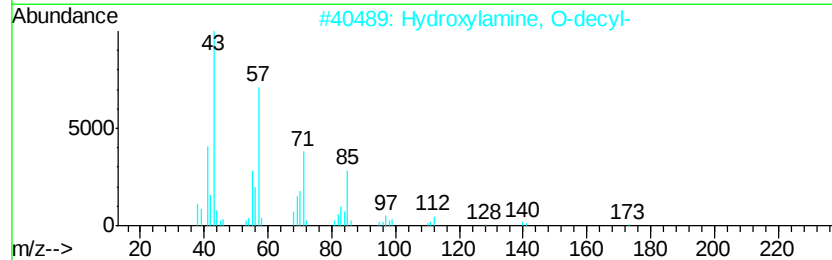
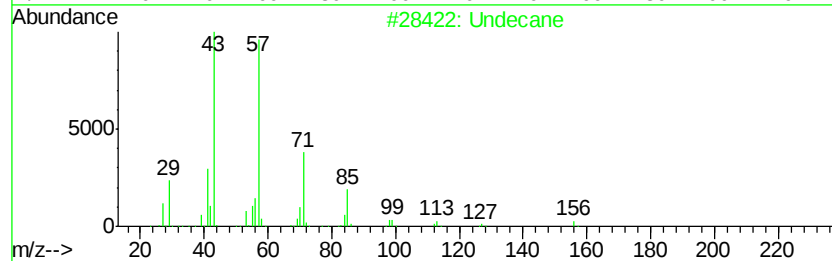
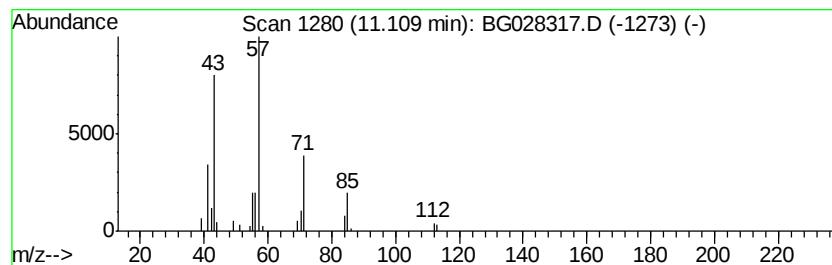
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.08 ng/ul	33036	Napthalene-d8	11.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	78
2			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Hexadecane	226	C16H34	000544-76-3	64
5			Decane	142	C10H22	000124-18-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
Operator : SJ/JU
Sample : I4489-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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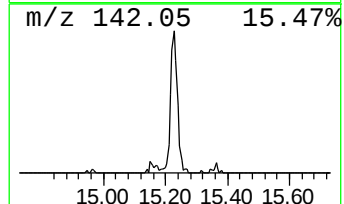
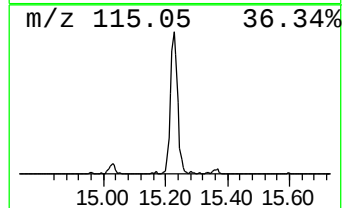
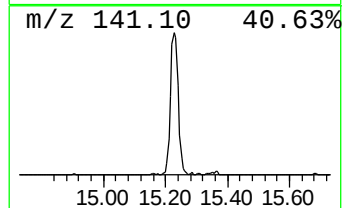
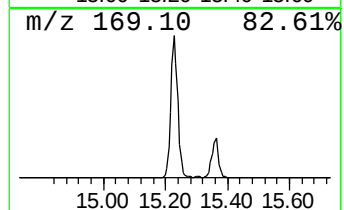
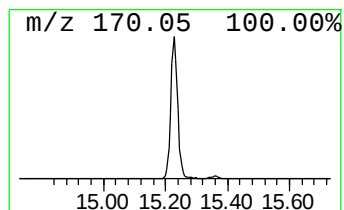
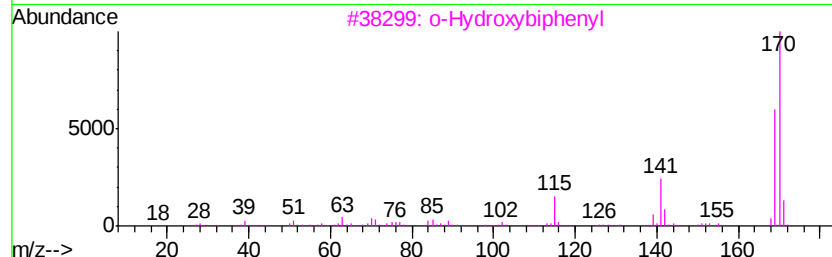
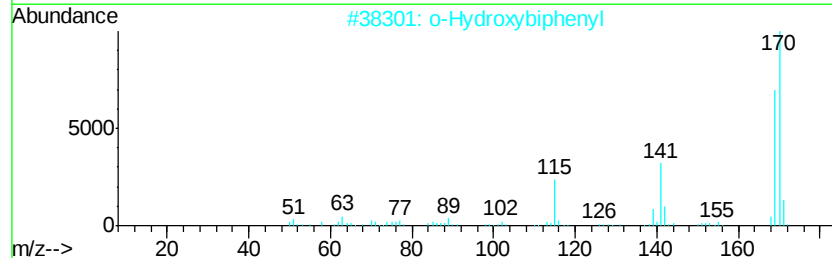
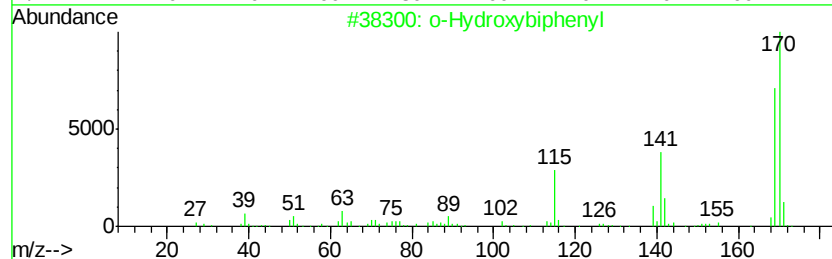
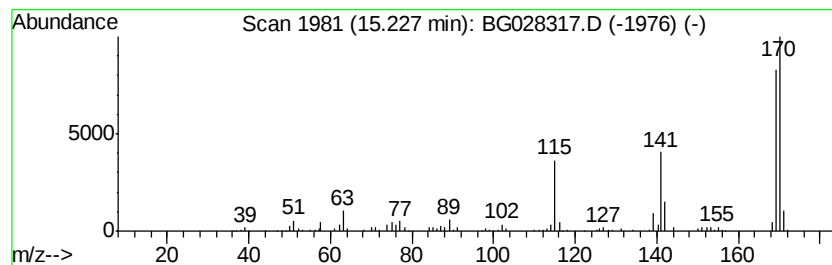
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 o-Hydroxybiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	19.00 ng/ul	465376	Acenaphthene-d10	14.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	78
5		1-Acenaphthenol	170	C12H10O	006306-07-6	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
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Misc :
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ClientSampled :
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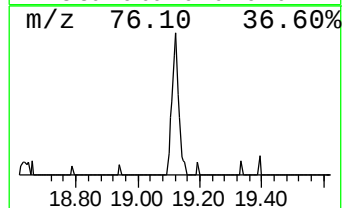
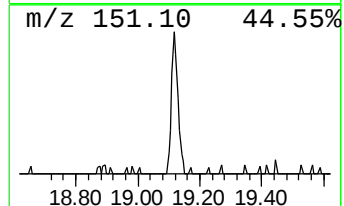
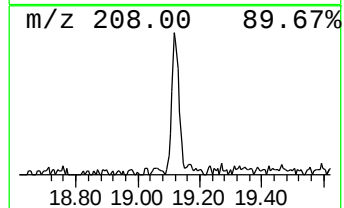
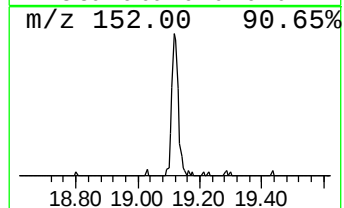
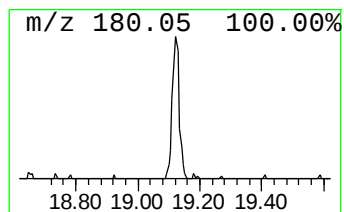
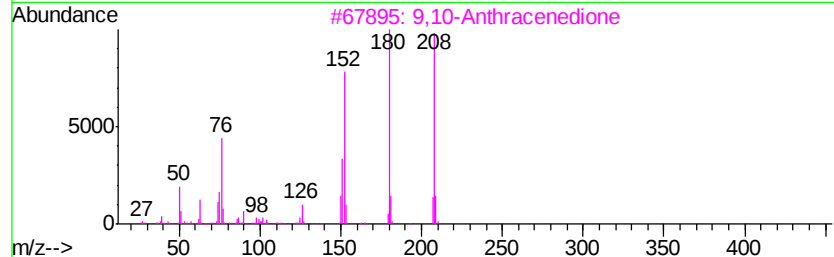
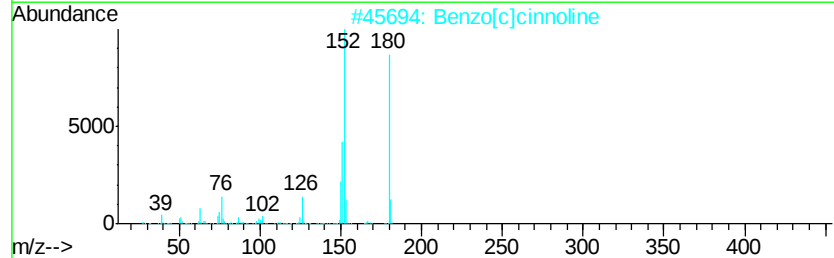
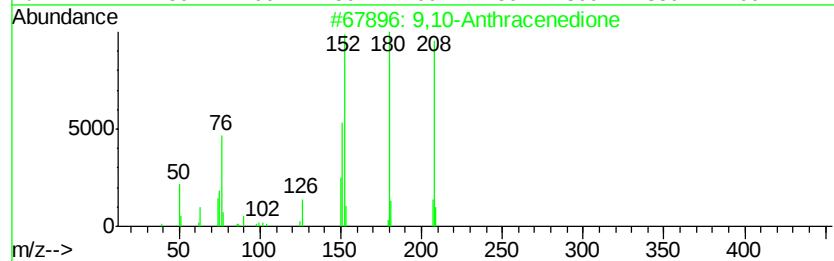
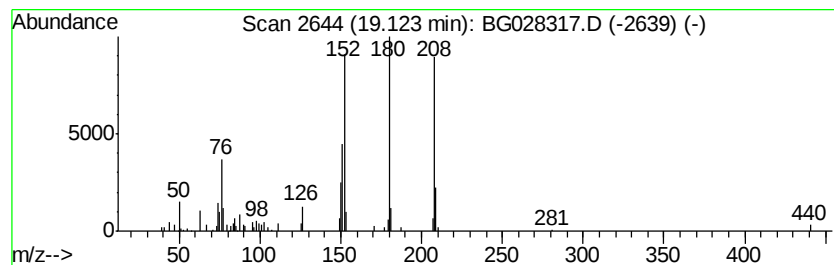
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.03 ng/ul	58774	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4		9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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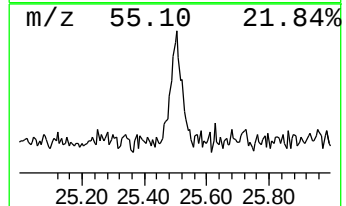
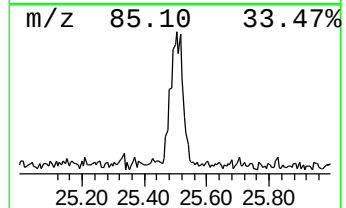
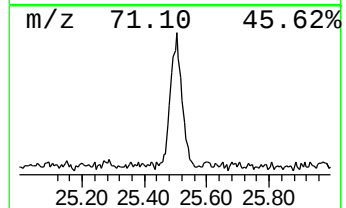
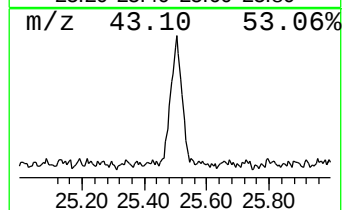
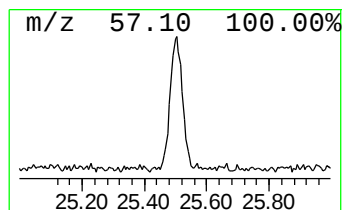
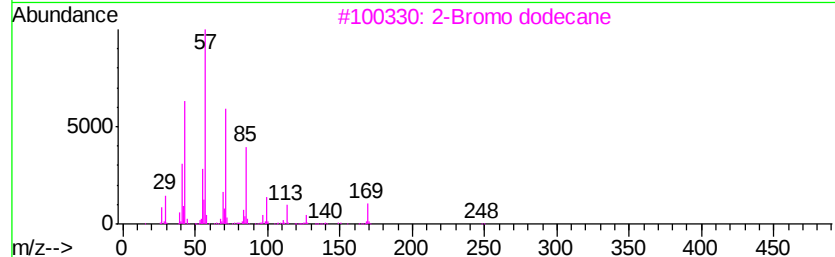
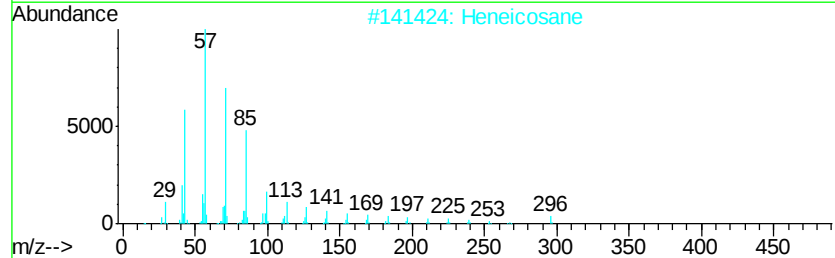
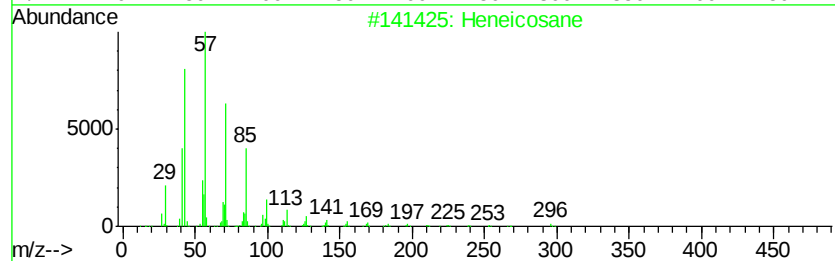
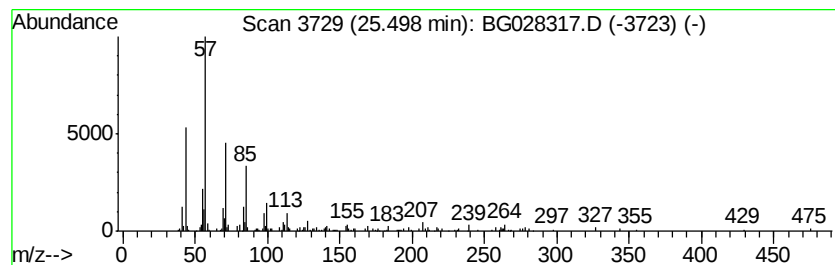
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.50	6.38 ng/ul	171391	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	81
4		Octacosane	394	C28H58	000630-02-4	81
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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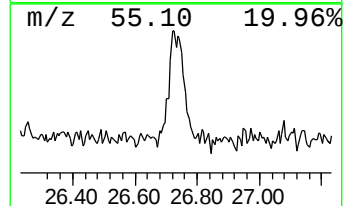
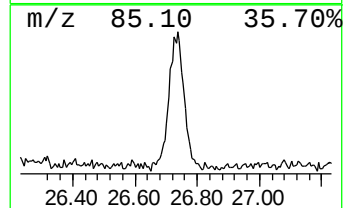
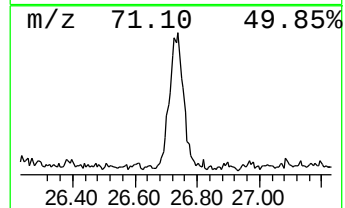
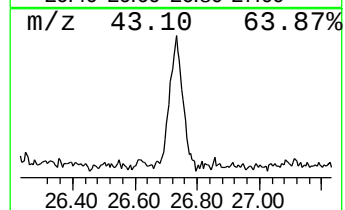
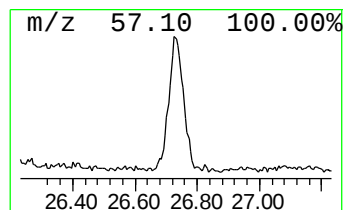
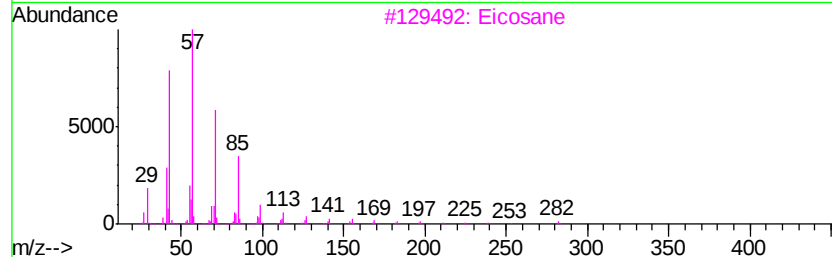
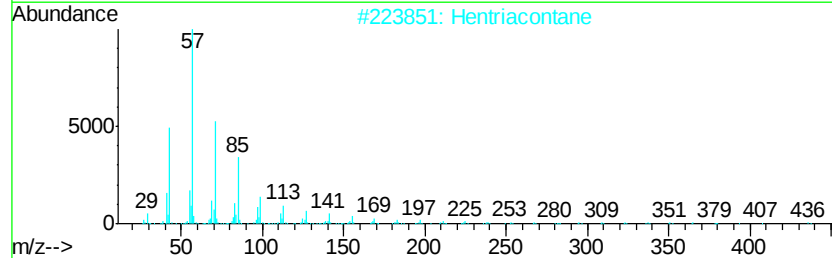
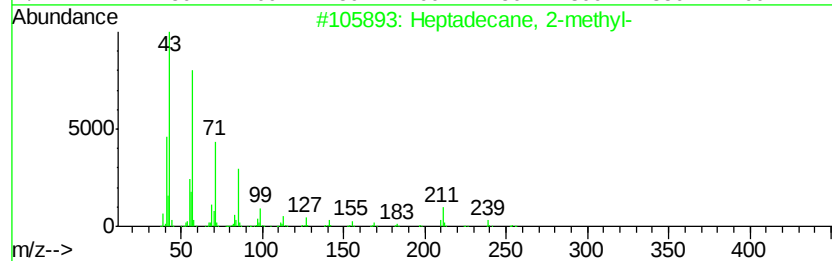
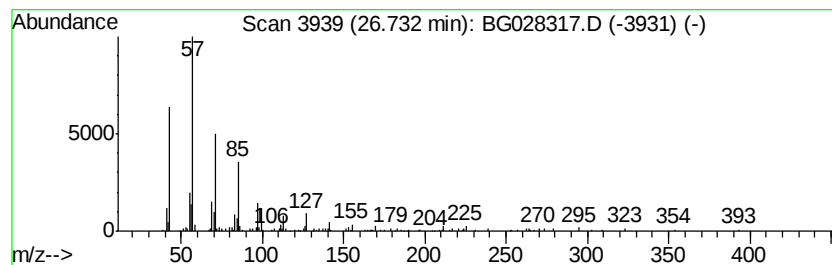
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	11.97 ng/ul	321665	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
2		Hentriacontane	437	C31H64	000630-04-6	80
3		Eicosane	282	C20H42	000112-95-8	72
4		Hexatriacontane	507	C36H74	000630-06-8	72
5		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
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Misc :
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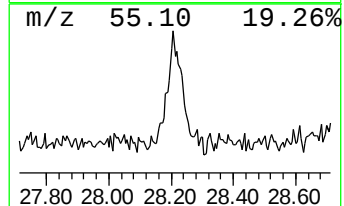
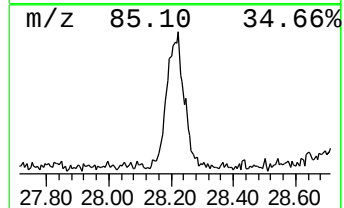
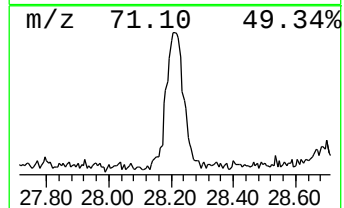
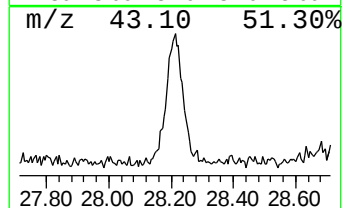
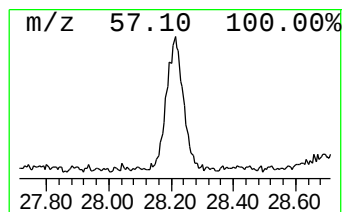
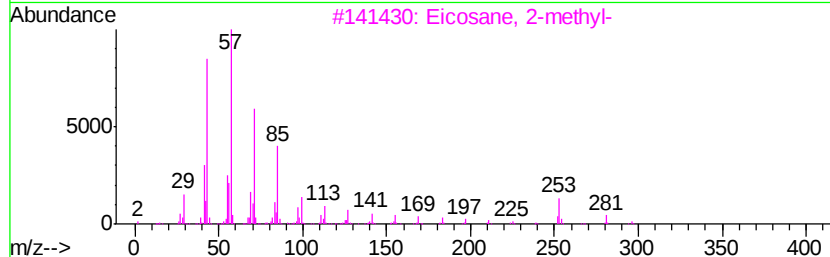
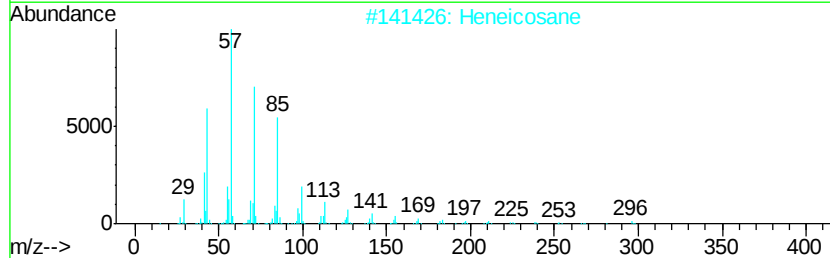
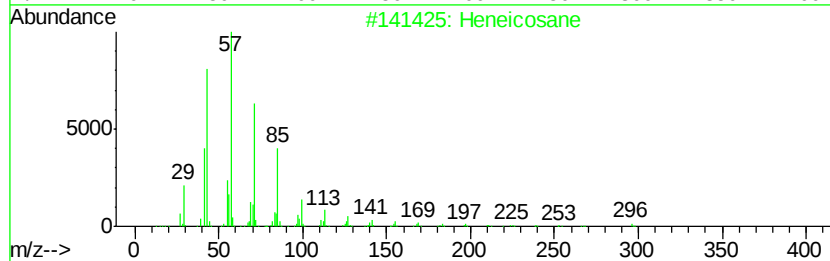
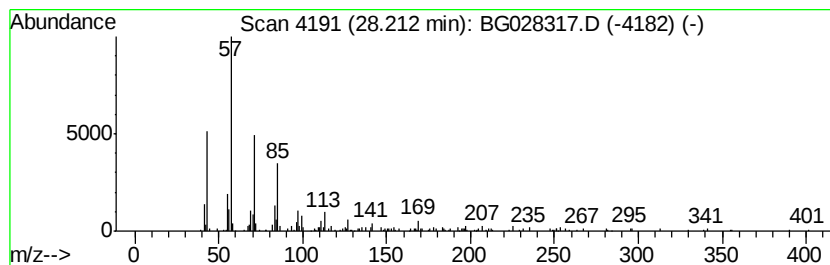
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.21	12.79 ng/ul	343760	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Heneicosane	296	C21H44	000629-94-7	93
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
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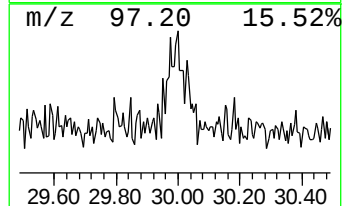
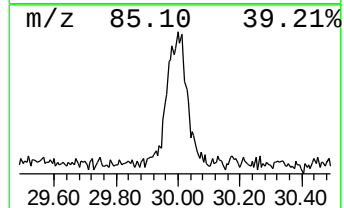
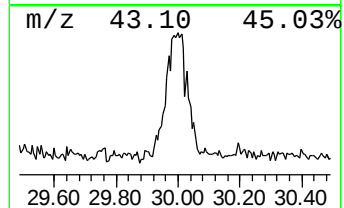
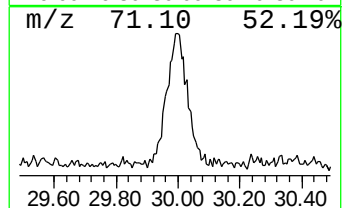
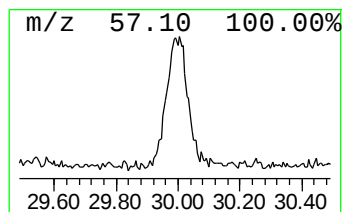
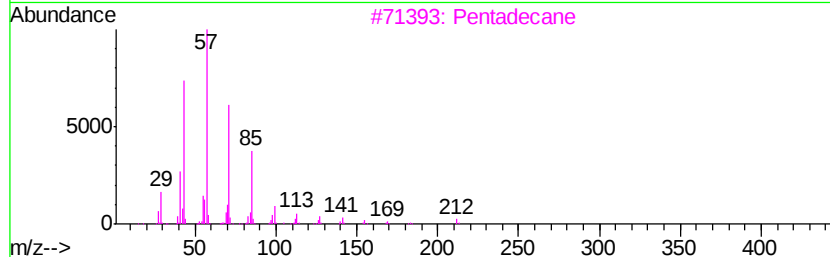
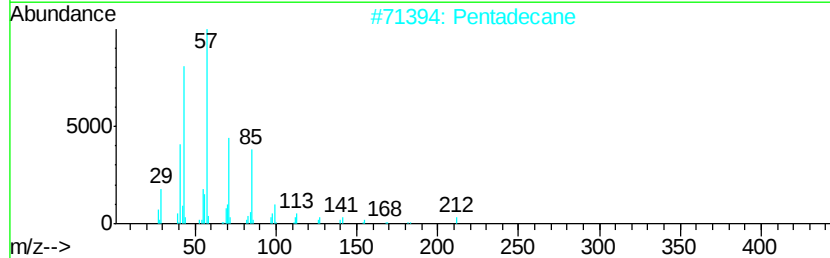
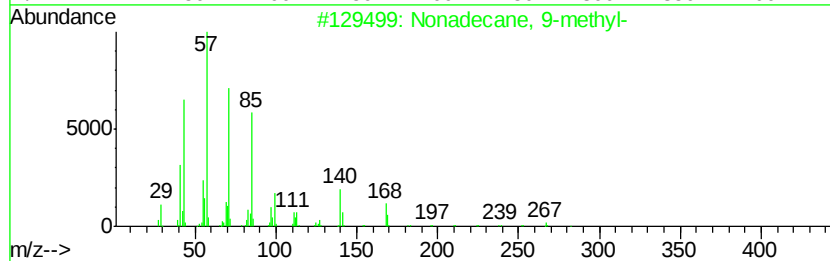
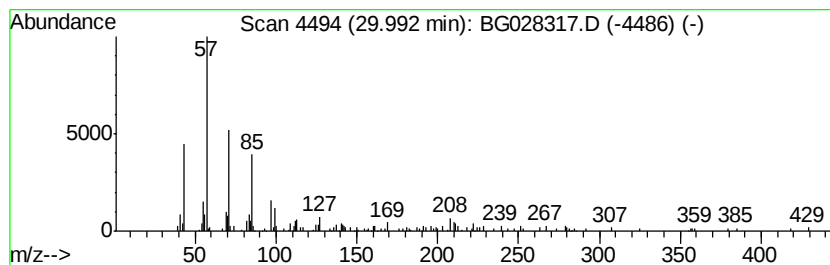
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.99	11.27 ng/ul	302957	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
2		Pentadecane	212	C15H32	000629-62-9	70
3		Pentadecane	212	C15H32	000629-62-9	70
4		Nonadecane	268	C19H40	000629-92-5	64
5		Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
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Sample : I4489-07
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Instrument :
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ClientSampleId :
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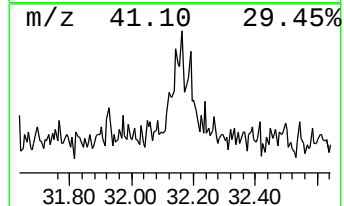
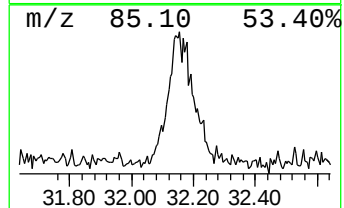
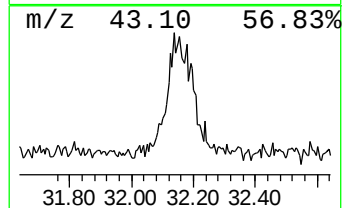
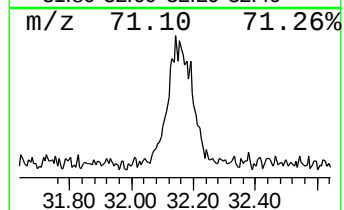
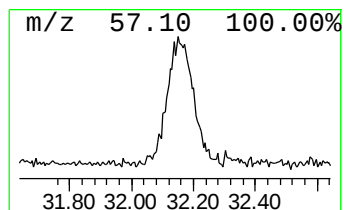
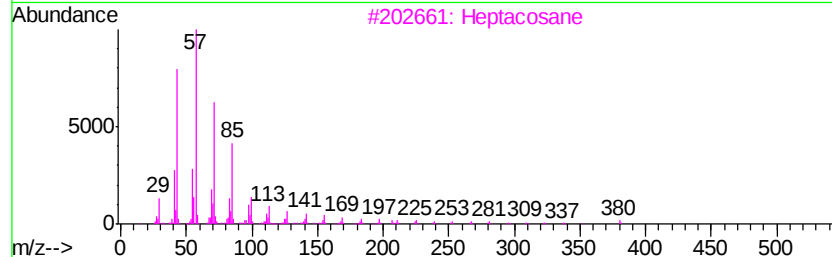
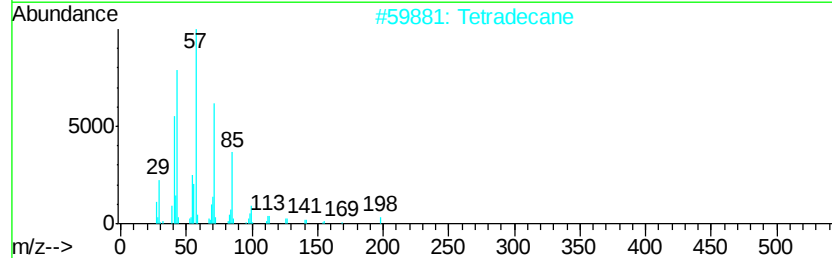
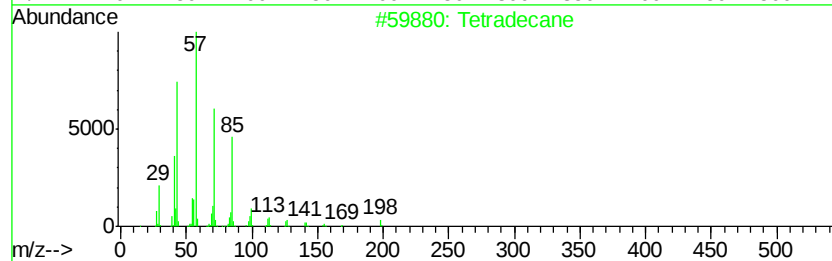
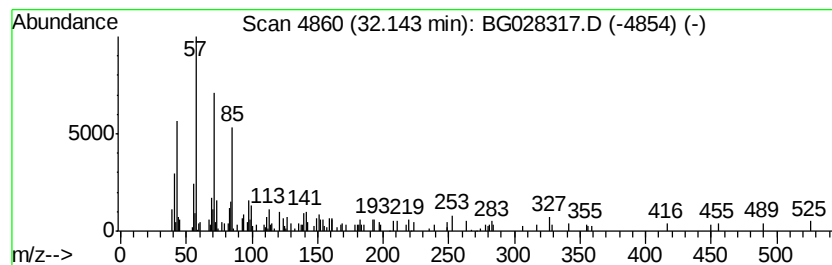
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.14	9.25 ng/ul	248581	Perylene-d12	25.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	58
2			Tetradecane	198	C14H30	000629-59-4	58
3			Heptacosane	380	C27H56	000593-49-7	58
4			Tetratetracontane	619	C44H90	007098-22-8	52
5			Tetracosane	338	C24H50	000646-31-1	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028317.D
Acq On : 14 Aug 2017 17:55
Operator : SJ/JU
Sample : I4489-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X2A57

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
3-Penten-2-one, 4...	4.87	27.3	ng/ul	262253	1	8.36	192414	20.0
2-Pentanone, 4-hy...	5.47	7.8	ng/ul	74784	1	8.36	192414	20.0
(DEL) Alkane: Str...	11.11	2.1	ng/ul	33036	2	11.18	318136	20.0
o-Hydroxybiphenyl	15.23	19.0	ng/ul	465376	3	14.96	489853	20.0
9,10-Anthracenedione	19.12	2.0	ng/ul	58774	4	17.71	578030	20.0
(DEL) Alkane: Str...	25.50	6.4	ng/ul	171391	6	25.56	537455	20.0
(DEL) Alkane: Str...	26.73	12.0	ng/ul	321665	6	25.56	537455	20.0
(DEL) Alkane: Str...	28.21	12.8	ng/ul	343760	6	25.56	537455	20.0
(DEL) Alkane: Str...	29.99	11.3	ng/ul	302957	6	25.56	537455	20.0
(DEL) Alkane: Str...	32.14	9.3	ng/ul	248581	6	25.56	537455	20.0