

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025662.D
 Acq On : 26 Jan 2017 11:33
 Operator : SJ/MA
 Sample : I1362-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN25

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\SOM02.2-EPA-BG011817.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	3.075	36	40	52	rVB	61270	98002	1.38%	0.211%
2	3.510	109	114	119	rBV6	22530	33705	0.47%	0.073%
3	4.274	241	244	250	rVB6	7775	12080	0.17%	0.026%
4	5.361	424	429	432	rVB4	7547	12015	0.17%	0.026%
5	6.371	598	601	610	rVB8	5969	14791	0.21%	0.032%
6	6.659	643	650	652	rBV5	7642	13527	0.19%	0.029%
7	7.229	739	747	753	rVB5	7018	16019	0.22%	0.034%
8	7.341	755	766	778	rBV2	318766	695746	9.77%	1.498%
9	7.493	784	792	802	rBV	295570	521618	7.32%	1.123%
10	7.705	820	828	839	rBV	284143	541332	7.60%	1.165%
11	8.175	901	908	912	rBV	291447	563326	7.91%	1.213%
12	8.210	912	914	923	rVB	201800	314660	4.42%	0.677%
13	8.892	1019	1030	1045	rBV	415327	867877	12.18%	1.869%
14	8.992	1045	1047	1057	rVB9	9413	20048	0.28%	0.043%
15	9.362	1097	1110	1125	rBV	431384	861620	12.09%	1.855%
16	9.667	1154	1162	1169	rBV8	11845	32097	0.45%	0.069%
17	10.090	1225	1234	1249	rVB2	193289	403985	5.67%	0.870%
18	10.384	1276	1284	1290	rBV6	4282	10536	0.15%	0.023%
19	10.637	1319	1327	1351	rBV	285513	648682	9.11%	1.397%
20	11.001	1381	1389	1399	rBV2	422081	808515	11.35%	1.741%
21	11.154	1404	1415	1438	rBV	458421	1046396	14.69%	2.253%
22	12.164	1582	1587	1591	rBV5	7423	11331	0.16%	0.024%
23	12.593	1656	1660	1669	rBV6	8267	20019	0.28%	0.043%
24	13.387	1790	1795	1798	rBV4	7421	10812	0.15%	0.023%
25	14.203	1926	1934	1939	rBV	1031497	1613847	22.65%	3.475%
26	14.250	1939	1942	1949	rVB3	97479	154867	2.17%	0.333%
27	14.415	1965	1970	1977	rBV5	18358	38531	0.54%	0.083%
28	14.503	1977	1985	2003	rVB	1086123	1908547	26.79%	4.109%
29	14.650	2006	2010	2013	rVB5	15521	24324	0.34%	0.052%
30	14.808	2026	2037	2046	rBV	774605	1228141	17.24%	2.644%
31	15.067	2075	2081	2099	rBV4	97352	319259	4.48%	0.687%
32	15.549	2160	2163	2167	rBV5	8160	16322	0.23%	0.035%
33	15.596	2167	2171	2176	rVV2	45131	57151	0.80%	0.123%
34	15.643	2176	2179	2185	rVV7	7441	13450	0.19%	0.029%

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35	15.795	2198	2205	2219	rBV	1593807	2501340	35.11%	5.385%
36	15.948	2225	2231	2242	rBV2	177143	348245	4.89%	0.750%
37	16.036	2242	2246	2251	rVB4	28075	37205	0.52%	0.080%
38	16.154	2260	2266	2270	rVB8	10528	22338	0.31%	0.048%
39	16.218	2270	2277	2283	rBV7	10104	18073	0.25%	0.039%
40	16.318	2286	2294	2297	rBV7	8216	15511	0.22%	0.033%
41	16.401	2300	2308	2312	rBV8	6662	13930	0.20%	0.030%
42	16.454	2312	2317	2327	rVB2	62010	119217	1.67%	0.257%
43	16.653	2349	2351	2359	rVB9	10852	15063	0.21%	0.032%
44	16.736	2359	2365	2367	rBV7	8307	13502	0.19%	0.029%
45	16.794	2371	2375	2380	rBV7	7265	11954	0.17%	0.026%
46	16.859	2382	2386	2389	rVB6	8324	12989	0.18%	0.028%
47	17.241	2446	2451	2456	rBV2	51516	68532	0.96%	0.148%
48	17.294	2456	2460	2464	rVB4	22937	31017	0.44%	0.067%
49	17.558	2495	2505	2513	rBV	937999	1529076	21.46%	3.292%
50	17.652	2515	2521	2534	rBV	1664665	2730624	38.33%	5.879%
51	17.928	2567	2568	2572	rBV4	9514	12786	0.18%	0.028%
52	17.987	2572	2578	2582	rVB6	28800	46943	0.66%	0.101%
53	18.175	2606	2610	2615	rBV8	8688	17860	0.25%	0.038%
54	18.269	2620	2626	2628	rBV7	10179	16167	0.23%	0.035%
55	18.428	2650	2653	2658	rVB7	9298	14947	0.21%	0.032%
56	18.475	2658	2661	2667	rVB7	10723	18350	0.26%	0.040%
57	18.575	2672	2678	2683	rBV8	30161	43906	0.62%	0.095%
58	18.669	2692	2694	2697	rBV4	11309	10691	0.15%	0.023%
59	18.704	2699	2700	2706	rVB5	10087	12067	0.17%	0.026%
60	18.804	2713	2717	2724	rBV7	15064	22595	0.32%	0.049%
61	19.127	2769	2772	2774	rVV3	13838	12270	0.17%	0.026%
62	19.209	2782	2786	2790	rVB7	10956	15602	0.22%	0.034%
63	19.250	2790	2793	2796	rBV5	10856	15242	0.21%	0.033%
64	19.297	2798	2801	2805	rBV6	13984	23519	0.33%	0.051%
65	19.474	2826	2831	2833	rBV6	14934	21816	0.31%	0.047%
66	19.503	2833	2836	2843	rVV9	15205	29003	0.41%	0.062%
67	19.568	2843	2847	2853	rVB	33380	54033	0.76%	0.116%
68	19.656	2860	2862	2867	rBV6	11432	16471	0.23%	0.035%
69	19.791	2878	2885	2895	rBV	6026603	7123970	100.00%	15.338%
70	19.867	2896	2898	2902	rVB5	14874	16711	0.23%	0.036%
71	19.932	2902	2909	2920	rBV	2077346	3128235	43.91%	6.735%

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72	20.331	2973	2977	2980	rBV6	27979	36679	0.51%	0.079%
73	20.396	2983	2988	2991	rBV7	25867	41896	0.59%	0.090%
74	20.572	3016	3018	3022	rVB5	22160	27106	0.38%	0.058%
75	20.696	3036	3039	3041	rBV4	16617	13731	0.19%	0.030%
76	20.831	3056	3062	3069	rBV	5644147	6355602	89.21%	13.683%
77	21.412	3156	3161	3172	rVB10	88638	216748	3.04%	0.467%
78	21.847	3227	3235	3242	rBV	1056654	1819810	25.54%	3.918%
79	22.329	3313	3317	3323	rVB9	36065	58720	0.82%	0.126%
80	22.593	3357	3362	3366	rBV8	30997	62395	0.88%	0.134%
81	22.758	3389	3390	3392	rBV2	21085	17779	0.25%	0.038%
82	23.298	3477	3482	3490	rBV8	53284	112254	1.58%	0.242%
83	23.498	3510	3516	3524	rBV2	95043	194251	2.73%	0.418%
84	23.639	3538	3540	3542	rBV3	21456	15803	0.22%	0.034%
85	24.127	3619	3623	3630	rVB7	55976	107266	1.51%	0.231%
86	24.685	3717	3718	3721	rBV3	16677	19319	0.27%	0.042%
87	25.008	3761	3773	3784	rBV2	1030134	3108437	43.63%	6.692%
88	25.096	3784	3788	3798	rVB5	81424	217016	3.05%	0.467%
89	25.237	3801	3812	3827	rVB3	544045	1832801	25.73%	3.946%
90	26.271	3981	3988	3997	rVB5	80971	226160	3.17%	0.487%
91	27.429	4183	4185	4188	rBV4	23078	22216	0.31%	0.048%
92	27.676	4216	4227	4243	rVB8	70109	268683	3.77%	0.578%
93	28.680	4395	4398	4399	rBV3	19579	19039	0.27%	0.041%
94	28.857	4425	4428	4430	rBV4	12365	15415	0.22%	0.033%
95	28.910	4435	4437	4443	rVB7	14399	24678	0.35%	0.053%
96	29.356	4505	4513	4526	rVB8	57134	226302	3.18%	0.487%
97	30.079	4632	4636	4638	rBV5	26153	28373	0.40%	0.061%
98	30.214	4658	4659	4662	rVB3	18479	15766	0.22%	0.034%
99	31.295	4841	4843	4848	rBV6	13019	21311	0.30%	0.046%
100	31.401	4852	4861	4878	rVB6	41821	207254	2.91%	0.446%

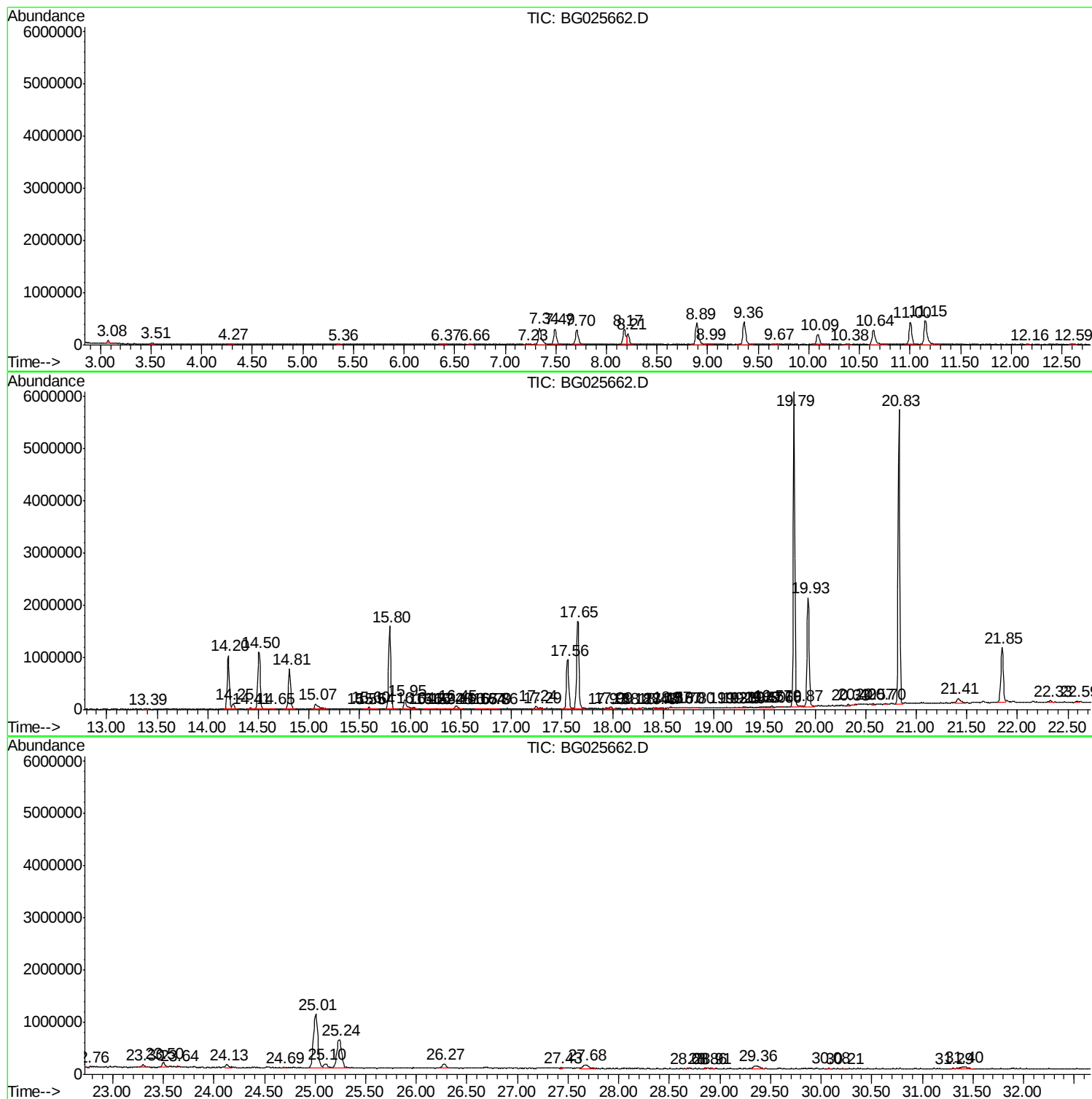
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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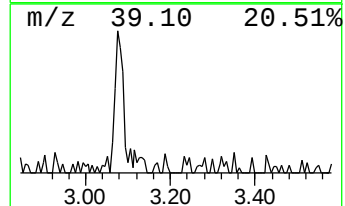
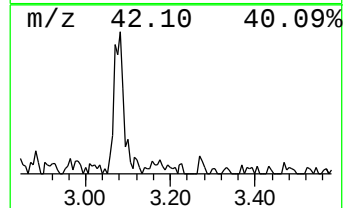
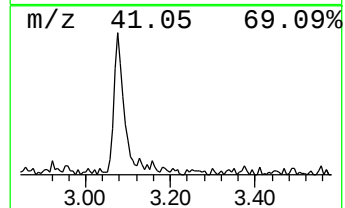
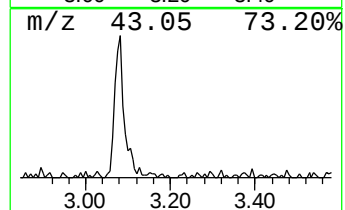
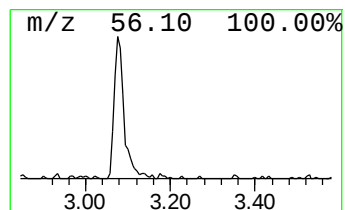
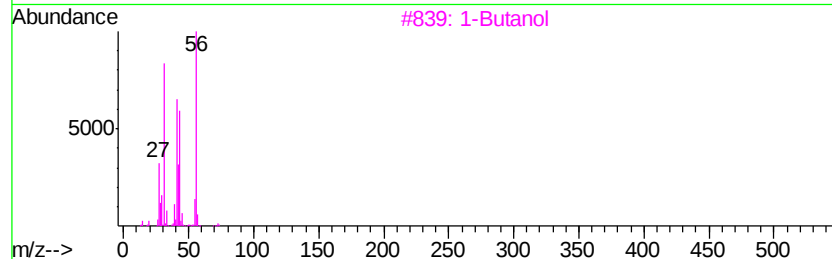
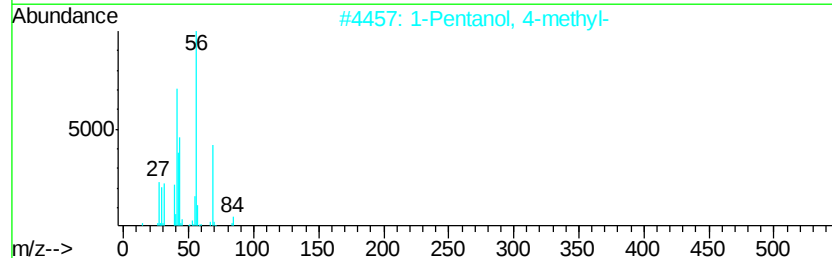
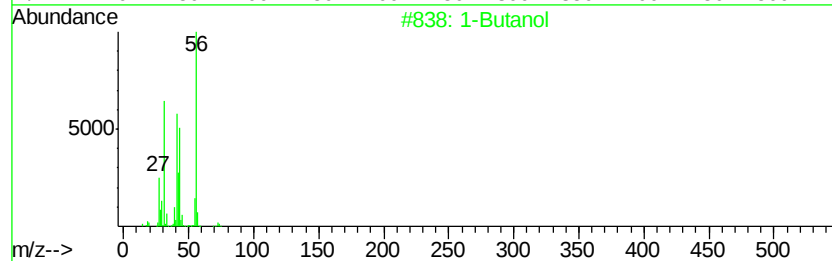
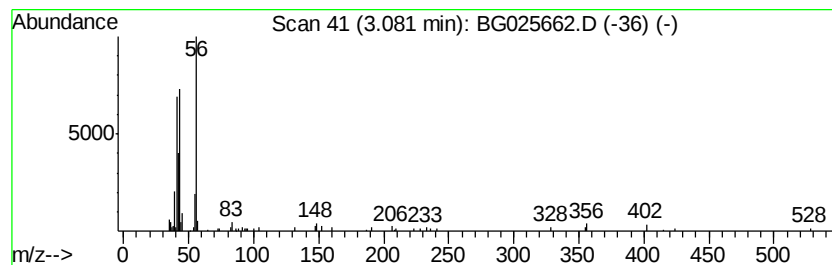
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Butanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	3.48 ng/ul	98002	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol	74	C4H10O	000071-36-3	64
2			1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	45
3			1-Butanol	74	C4H10O	000071-36-3	45
4			1-Hexanol	102	C6H14O	000111-27-3	45
5			1-Butanol	74	C4H10O	000071-36-3	45



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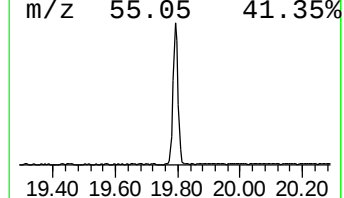
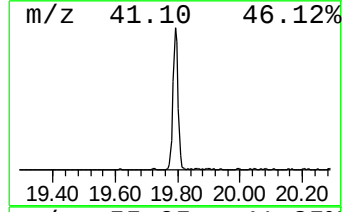
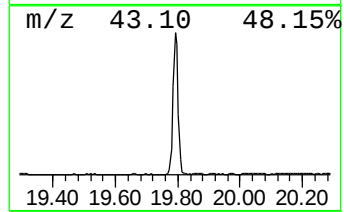
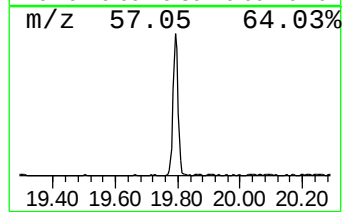
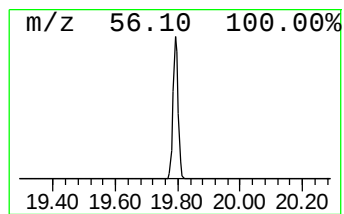
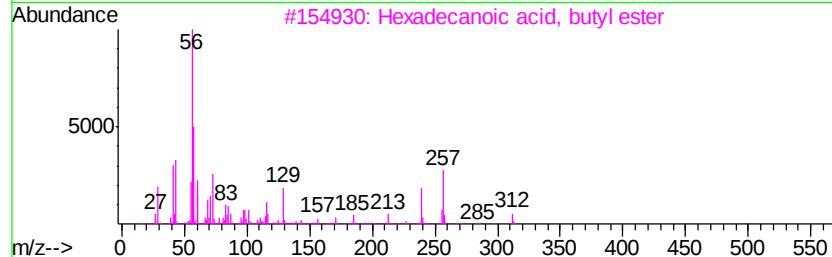
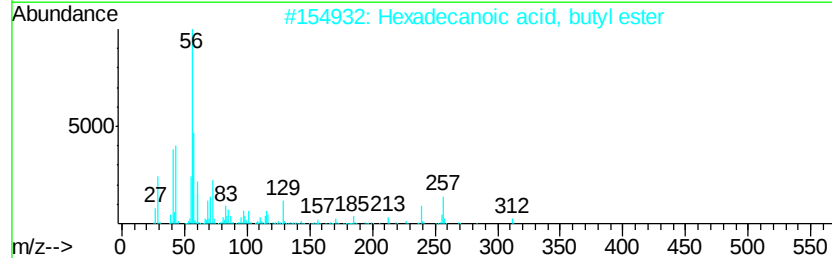
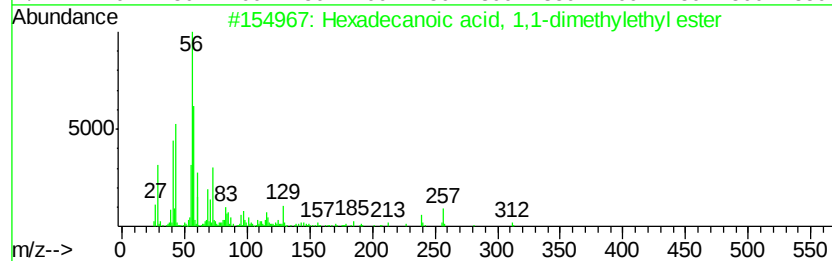
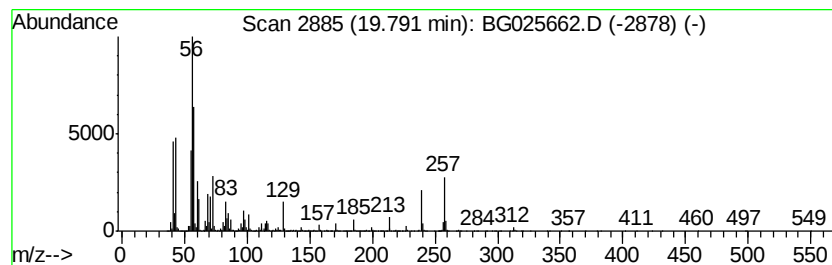
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	78.29 ng/ul	7123970	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35



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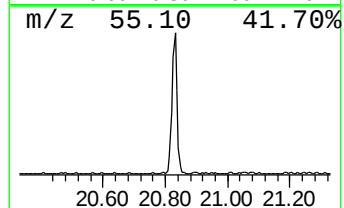
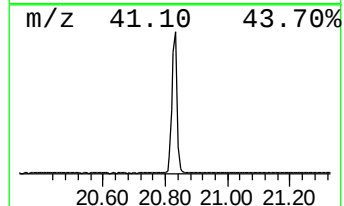
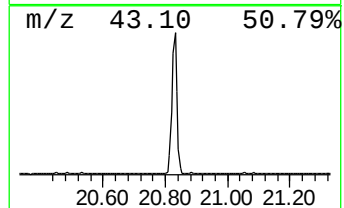
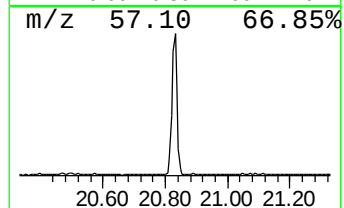
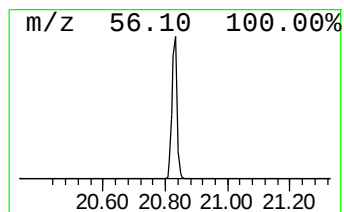
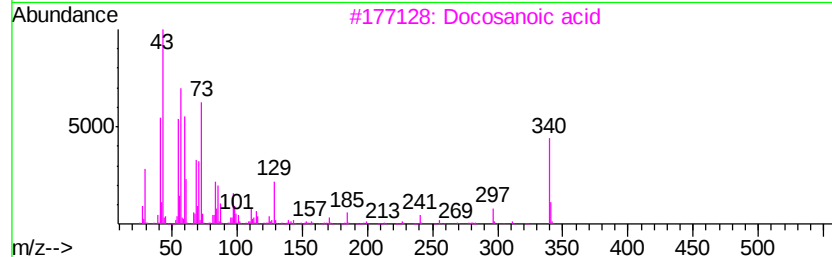
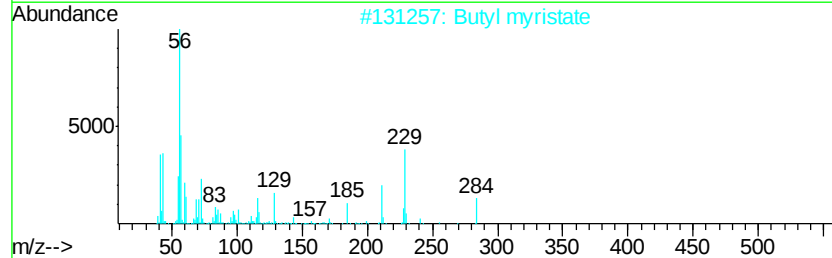
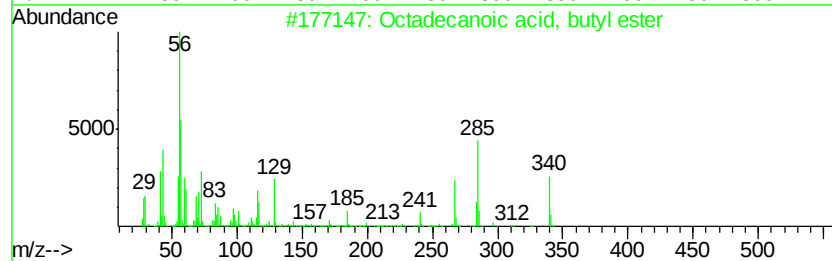
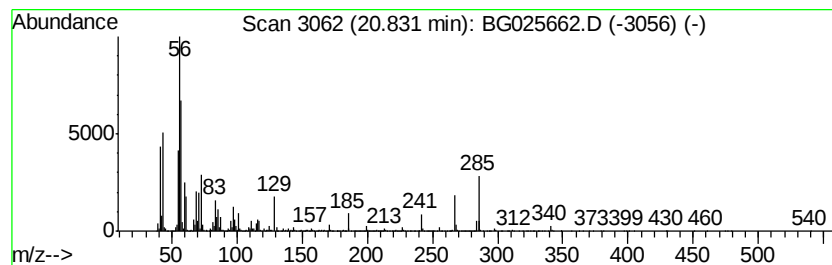
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	69.85 ng/ul	6355600	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
2		Butyl myristate	284	C18H36O2	000110-36-1	59
3		Docosanoic acid	340	C22H44O2	000112-85-6	40
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	30
5		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025662.D
Acq On : 26 Jan 2017 11:33
Operator : SJ/MA
Sample : I1362-03
Misc :
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Instrument :
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ClientSampleId :
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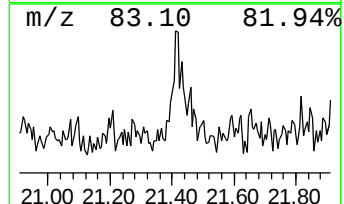
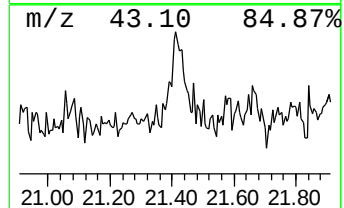
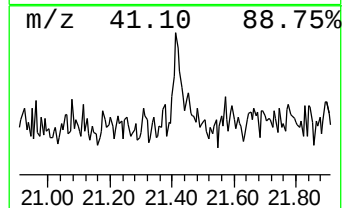
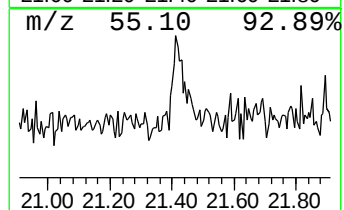
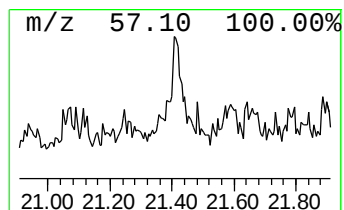
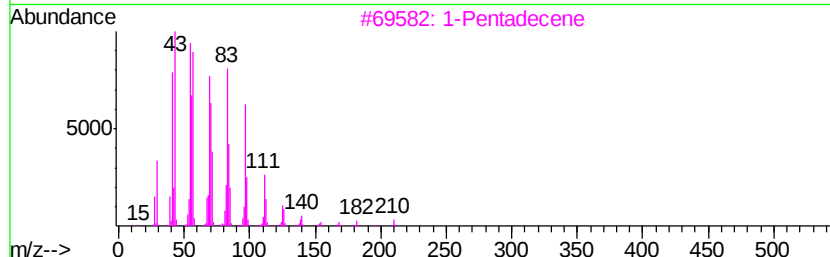
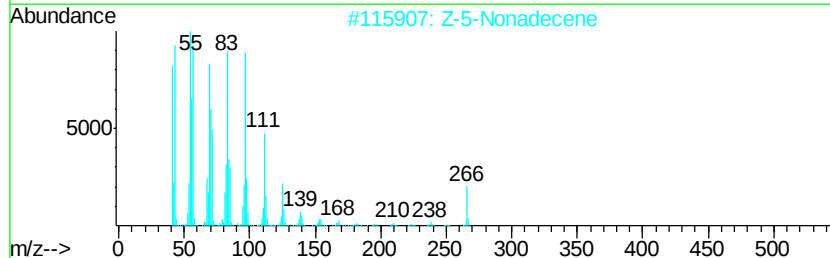
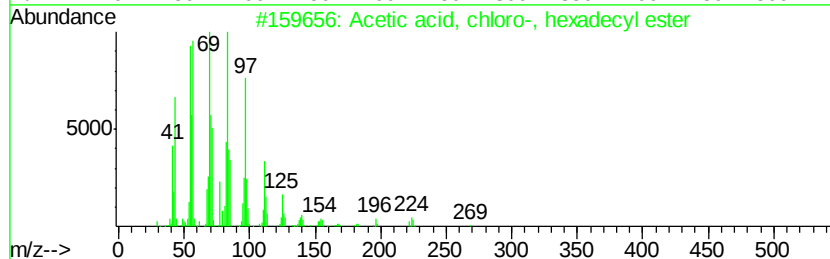
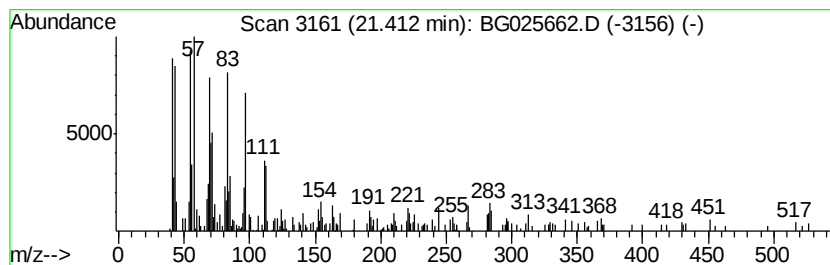
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Acetic acid, chloro-, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.38 ng/ul	216748	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	83
2		Z-5-Nonadecene	266	C19H38	1000131-11-8	83
3		1-Pentadecene	210	C15H30	013360-61-7	83
4		Cyclopentadecane	210	C15H30	000295-48-7	83
5		1-Heneicosanol	312	C21H44O	015594-90-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025662.D
Acq On : 26 Jan 2017 11:33
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Instrument :
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ClientSampleId :
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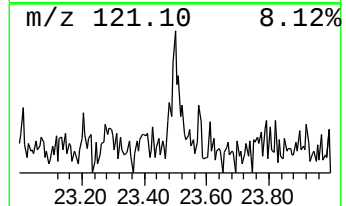
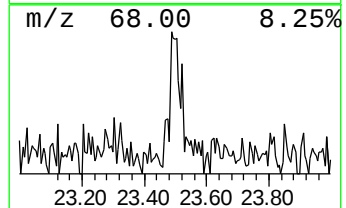
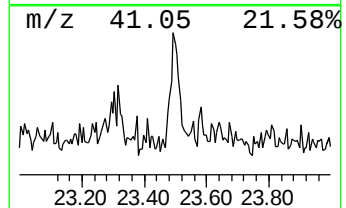
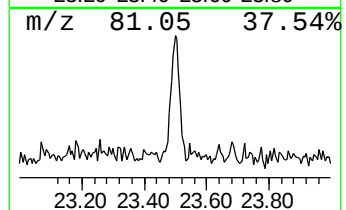
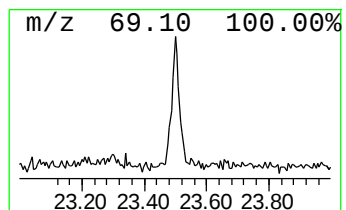
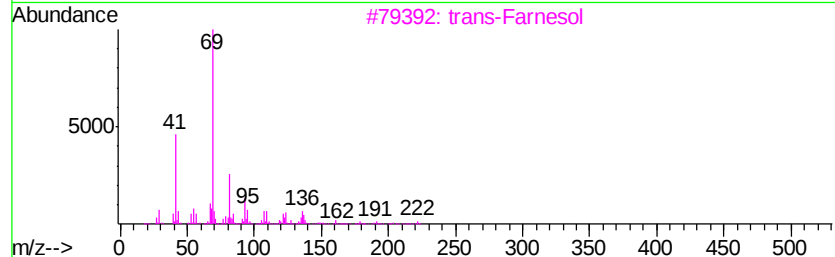
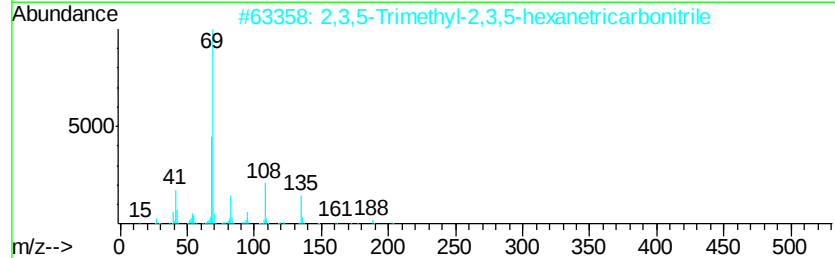
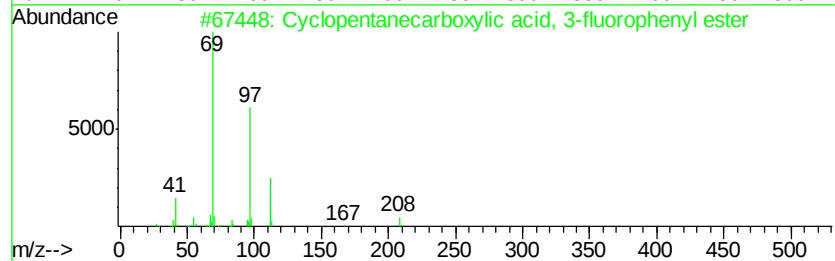
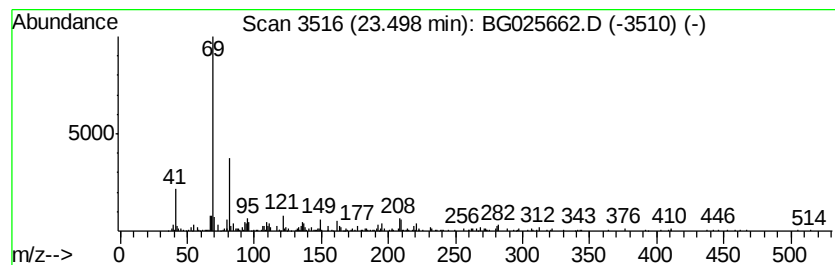
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopentanecarboxylic acid... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	2.13 ng/ul	194251	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarboxylic acid, 3-f...	208	C12H13F02	1000331-07-2	64
2		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
3		trans-Farnesol	222	C15H26O	000106-28-5	59
4		Cyclopentane, bromo-	148	C5H9Br	000137-43-9	59
5		4-Hexenenitrile, 2,5-dimethyl-2-...	191	C13H21N	069340-56-3	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025662.D
Acq On : 26 Jan 2017 11:33
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Sample : I1362-03
Misc :
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ClientSampleId :
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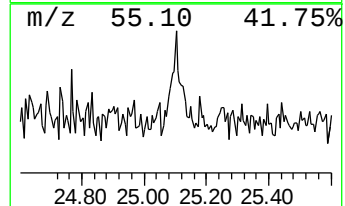
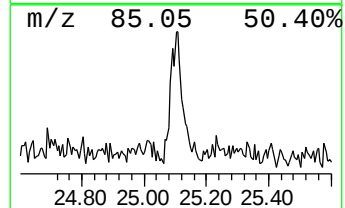
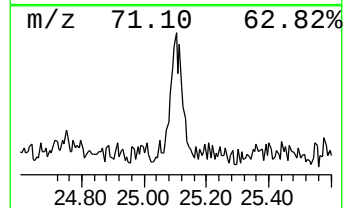
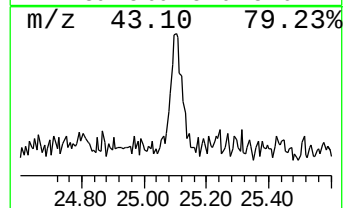
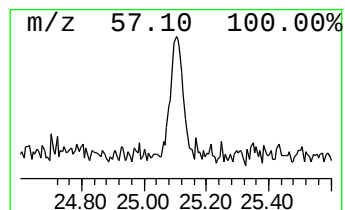
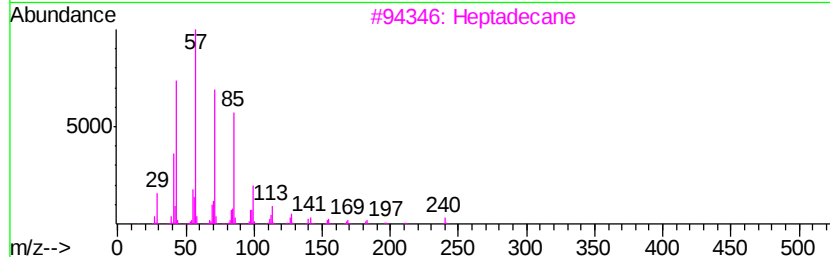
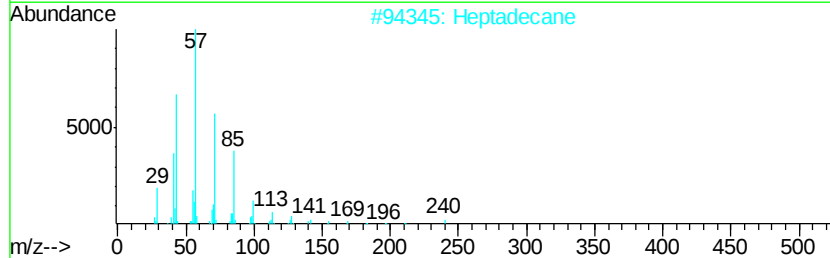
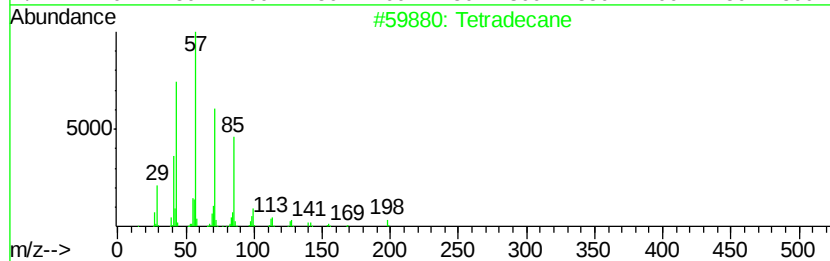
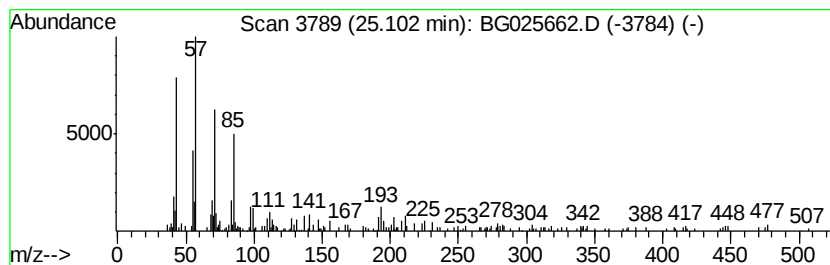
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	2.37 ng/ul	217016	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	64
2		Heptadecane	240	C17H36	000629-78-7	64
3		Heptadecane	240	C17H36	000629-78-7	58
4		Heptadecane	240	C17H36	000629-78-7	58
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025662.D
Acq On : 26 Jan 2017 11:33
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ClientSampleId :
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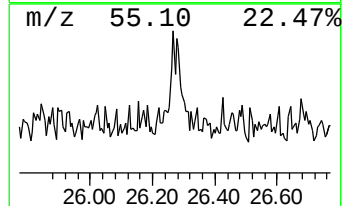
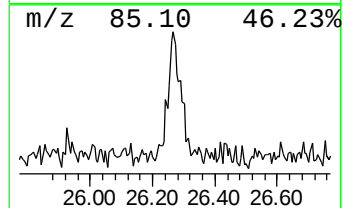
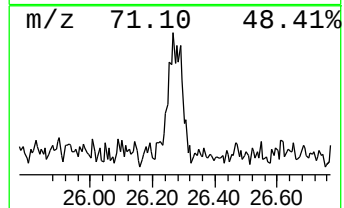
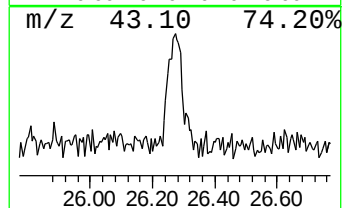
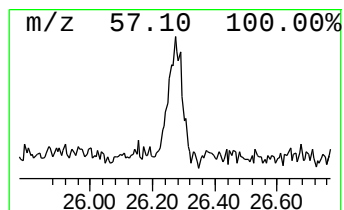
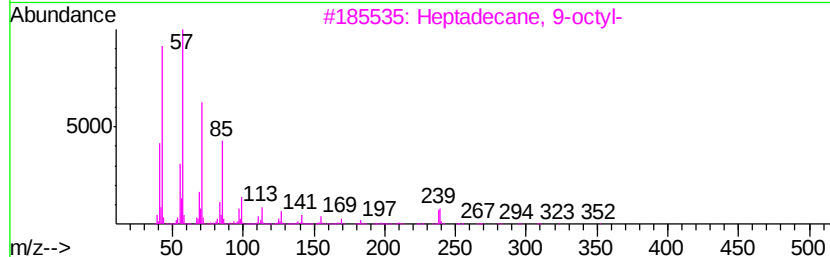
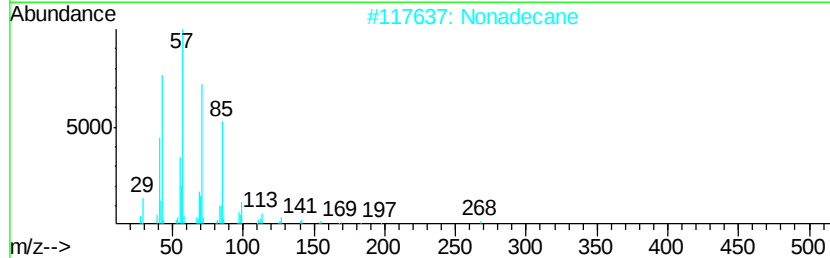
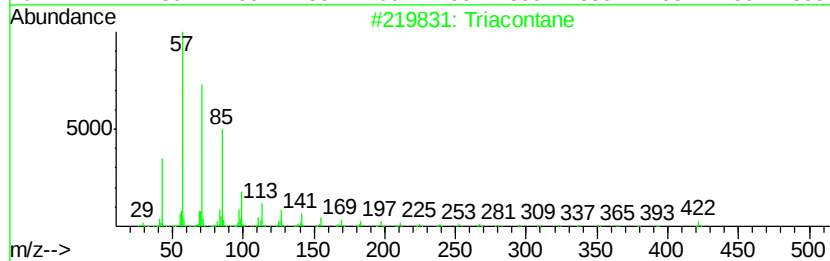
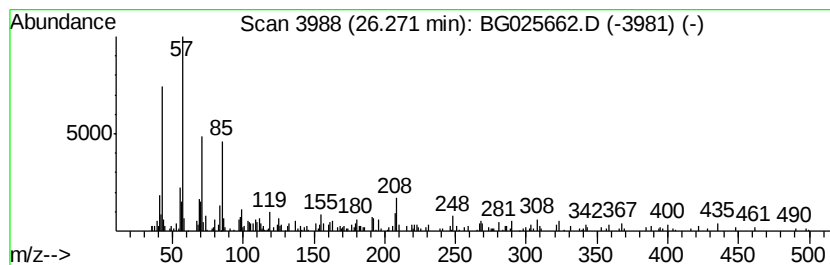
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	2.47 ng/ul	226160	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	64
2		Nonadecane	268	C19H40	000629-92-5	62
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	58
5		Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025662.D
Acq On : 26 Jan 2017 11:33
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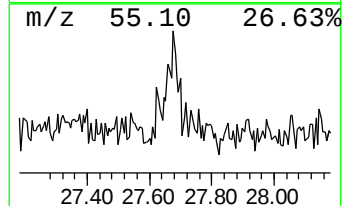
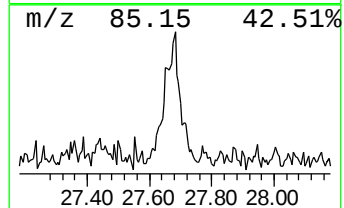
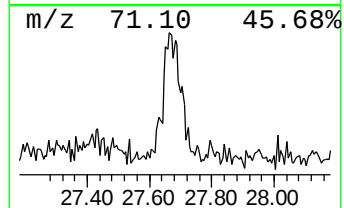
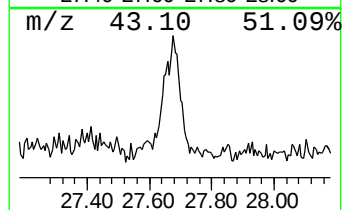
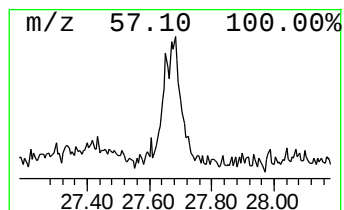
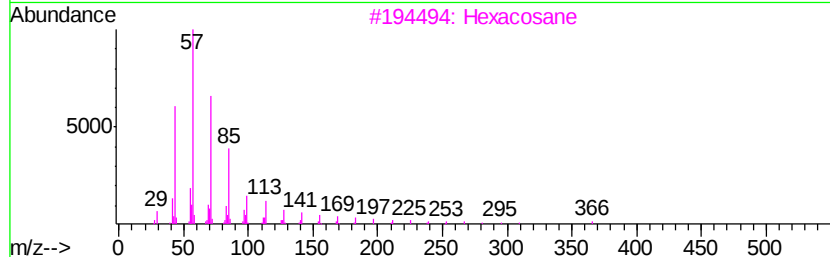
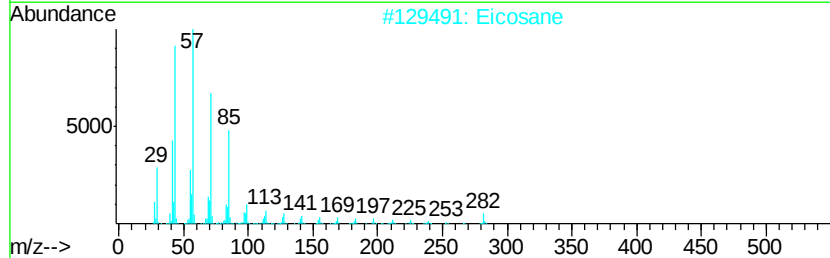
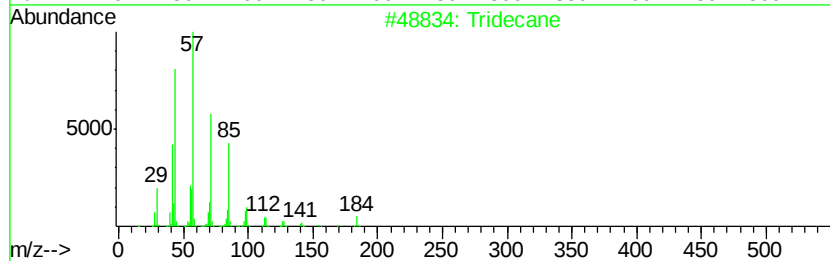
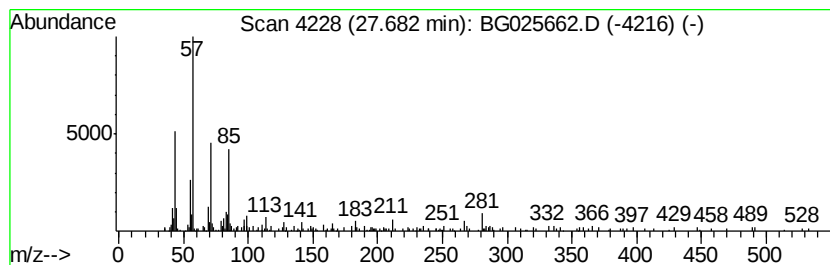
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	2.93 ng/ul	268683	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	74
2		Eicosane	282	C20H42	000112-95-8	60
3		Hexacosane	366	C26H54	000630-01-3	53
4		Octacosane	394	C28H58	000630-02-4	49
5		Tetracosane	338	C24H50	000646-31-1	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025662.D
Acq On : 26 Jan 2017 11:33
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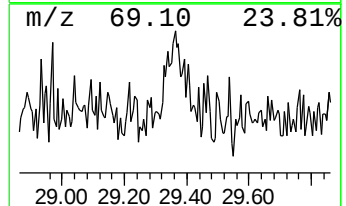
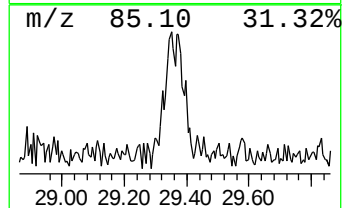
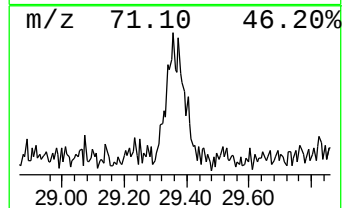
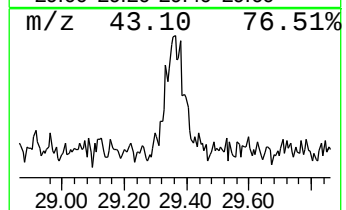
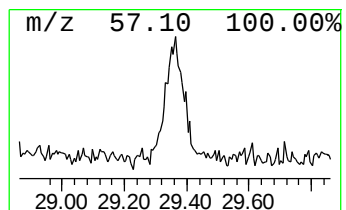
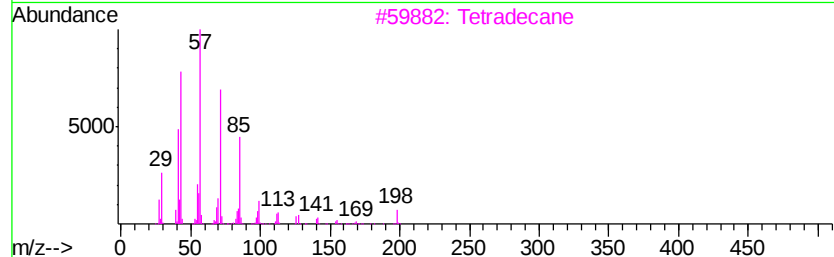
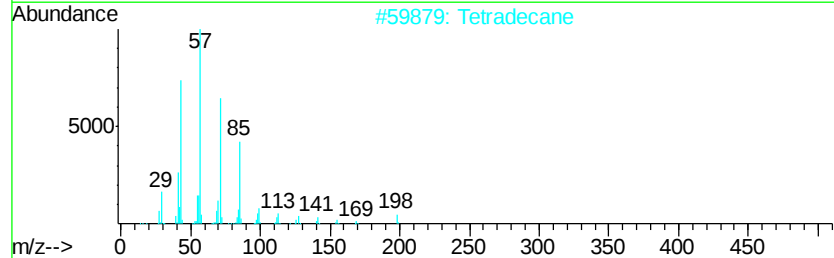
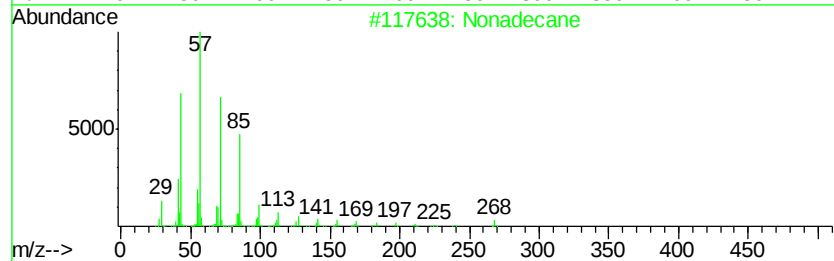
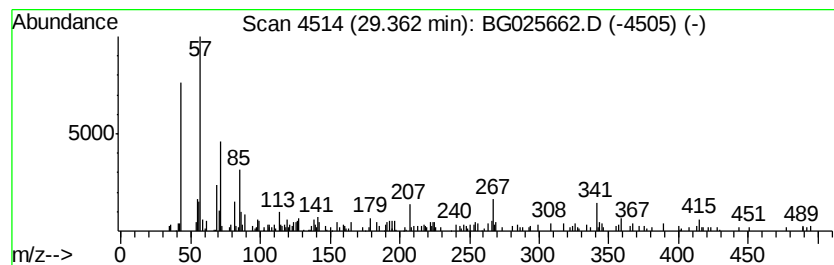
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.36	2.47 ng/ul	226302	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	89
2		Tetradecane	198	C14H30	000629-59-4	89
3		Tetradecane	198	C14H30	000629-59-4	89
4		Hexadecane	226	C16H34	000544-76-3	76
5		Tetradecane	198	C14H30	000629-59-4	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
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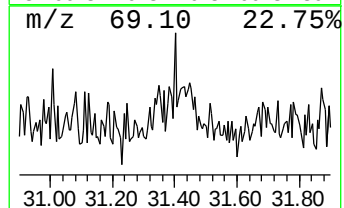
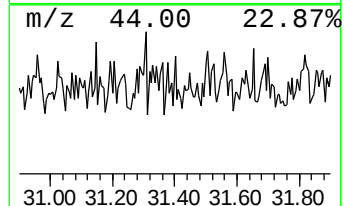
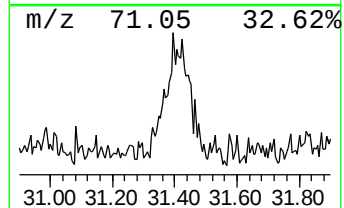
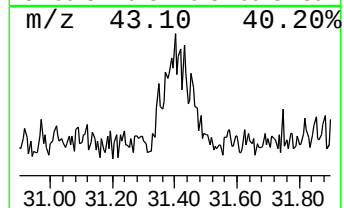
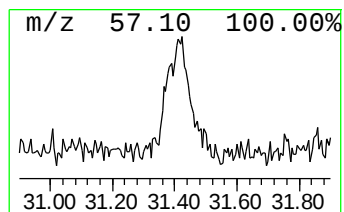
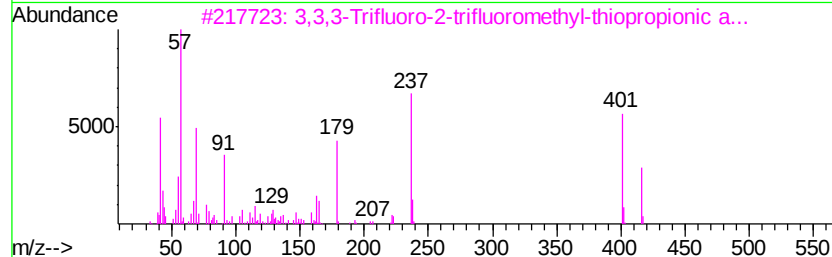
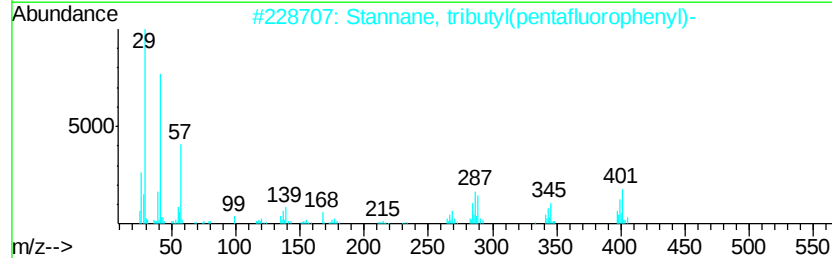
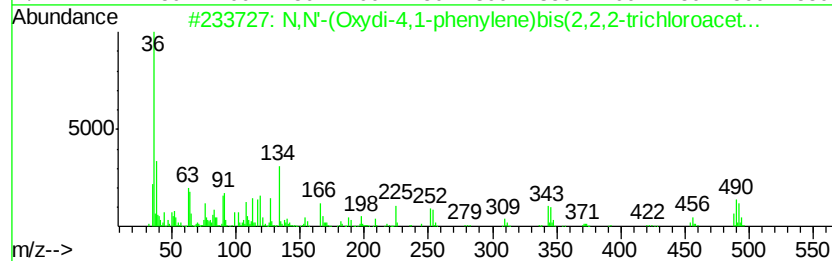
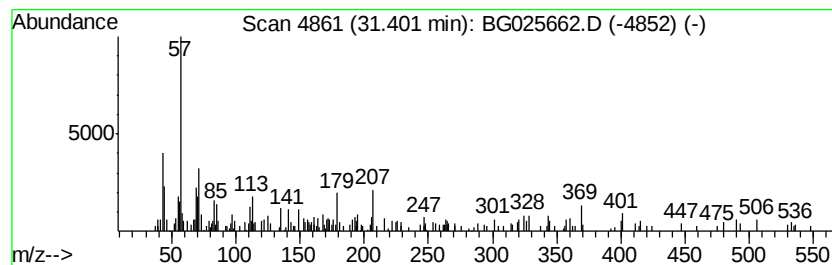
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.40	2.26 ng/ul	207254	Perylene-d12	25.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	N,N'-(Oxydi-4,1-phenylene)bis(2,...	488	C16H10Cl6N2O3	1000224-76-2 7
2	Stannane, tributyl(pentafluoroph...	458	C18H27F5Sn	001045-56-3 7
3	3,3,3-Trifluoro-2-trifluoromethy...	416	C18H22F6O2S	1000301-24-6 2
4	Cyclohexadecane-1,2,9,10-tetraca...	624	C36H64O8	1000187-91-1 2
5	Hexadecanoic acid, 2,2,3,3,4,4,5...	570	C23H34F12O2	1000141-65-2 2



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025662.D
Acq On : 26 Jan 2017 11:33
Operator : SJ/MA
Sample : I1362-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
1-Butanol	3.08	3.5	ng/ul	98002	1	8.17	563326	20.0
Hexadecanoic acid...	19.79	78.3	ng/ul	7123970	5	21.85	1819810	20.0
Octadecanoic acid...	20.83	69.8	ng/ul	6355600	5	21.85	1819810	20.0
Acetic acid, chlo...	21.41	2.4	ng/ul	216748	5	21.85	1819810	20.0
Cyclopentanecarbo...	23.50	2.1	ng/ul	194251	5	21.85	1819810	20.0
(DEL) Alkane: Str...	25.10	2.4	ng/ul	217016	6	25.23	1832800	20.0
(DEL) Alkane: Str...	26.27	2.5	ng/ul	226160	6	25.23	1832800	20.0
(DEL) Alkane: Str...	27.68	2.9	ng/ul	268683	6	25.23	1832800	20.0
(DEL) Alkane: Str...	29.36	2.5	ng/ul	226302	6	25.23	1832800	20.0
unknown-01	31.40	2.3	ng/ul	207254	6	25.23	1832800	20.0