

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
 Data File : BG018523.D
 Acq On : 28 Aug 2015 21:37
 Operator : UM/MA
 Sample : G3448-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	2.887	5	8	12	rVB	19180	20308	0.84%	0.084%
2	3.111	41	46	54	rBV	45009	75038	3.09%	0.309%
3	3.187	54	59	73	rVB	454372	655811	27.03%	2.699%
4	3.440	99	102	107	rBV3	6248	9330	0.38%	0.038%
5	3.716	147	149	152	rBV2	4762	5776	0.24%	0.024%
6	5.373	428	431	435	rVB3	2425	3403	0.14%	0.014%
7	6.213	569	574	576	rBV5	2816	4323	0.18%	0.018%
8	7.165	728	736	745	rBV	234339	414586	17.09%	1.707%
9	7.335	759	765	772	rBV	220092	351125	14.47%	1.445%
10	7.541	792	800	808	rBV	246112	407023	16.78%	1.675%
11	8.011	874	880	887	rBV	203187	342440	14.11%	1.410%
12	8.710	991	999	1009	rBV2	276778	471875	19.45%	1.942%
13	9.168	1070	1077	1086	rBV	256544	443641	18.28%	1.826%
14	9.339	1102	1106	1110	rVB5	2615	3584	0.15%	0.015%
15	9.891	1191	1200	1210	rBV	199425	351270	14.48%	1.446%
16	10.431	1284	1292	1302	rBV	334154	601453	24.79%	2.476%
17	10.549	1309	1312	1315	rBV4	2111	3187	0.13%	0.013%
18	10.813	1349	1357	1365	rBV	332755	582267	24.00%	2.397%
19	10.943	1372	1379	1390	rVB	210107	391524	16.14%	1.612%
20	11.695	1502	1507	1509	rBV4	10495	17729	0.73%	0.073%
21	11.730	1511	1513	1525	rVB4	15081	35360	1.46%	0.146%
22	12.999	1725	1729	1732	rBV3	4026	5344	0.22%	0.022%
23	13.140	1749	1753	1756	rBV2	1904	3191	0.13%	0.013%
24	13.246	1766	1771	1776	rVB4	10822	16420	0.68%	0.068%
25	13.528	1817	1819	1823	rVB3	2743	3371	0.14%	0.014%
26	14.039	1899	1906	1910	rBV	743130	1064183	43.86%	4.380%
27	14.086	1910	1914	1921	rVB	358266	519247	21.40%	2.137%
28	14.327	1949	1955	1964	rVB	842425	1309881	53.99%	5.392%
29	14.409	1964	1969	1971	rVB4	3355	4025	0.17%	0.017%
30	14.532	1987	1990	1994	rVB5	3655	5447	0.22%	0.022%
31	14.638	2001	2008	2017	rBV2	578887	936996	38.62%	3.857%
32	14.703	2017	2019	2024	rVB3	2467	3301	0.14%	0.014%
33	14.820	2032	2039	2048	rBV	377885	584138	24.08%	2.404%
34	15.155	2092	2096	2099	rVB5	3229	3776	0.16%	0.016%

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35	15.437	2139	2144	2147	rBV2	7887	11284	0.47%	0.046%
36	15.478	2147	2151	2158	rVB2	16474	20687	0.85%	0.085%
37	15.625	2168	2176	2185	rBV	1151140	1729019	71.26%	7.117%
38	15.737	2188	2195	2202	rBV	269388	403579	16.63%	1.661%
39	15.872	2214	2218	2219	rBV4	8546	10964	0.45%	0.045%
40	15.984	2233	2237	2240	rVB4	3625	3801	0.16%	0.016%
41	16.342	2293	2298	2301	rBV	25535	35380	1.46%	0.146%
42	16.518	2325	2328	2331	rVB3	3512	4046	0.17%	0.017%
43	16.577	2334	2338	2343	rBV6	3017	5432	0.22%	0.022%
44	16.689	2352	2357	2359	rBV5	4752	7530	0.31%	0.031%
45	16.789	2371	2374	2378	rBV4	3101	5353	0.22%	0.022%
46	16.847	2382	2384	2387	rBV3	2872	3544	0.15%	0.015%
47	16.912	2392	2395	2400	rVV6	11102	16146	0.67%	0.066%
48	16.947	2400	2401	2405	rVB3	5063	3968	0.16%	0.016%
49	17.053	2416	2419	2422	rBV4	2951	3738	0.15%	0.015%
50	17.135	2427	2433	2436	rBV	29325	39175	1.61%	0.161%
51	17.376	2467	2474	2484	rBV2	862234	1300514	53.60%	5.353%
52	17.476	2484	2491	2499	rVV2	1374770	2045650	84.31%	8.420%
53	17.870	2554	2558	2564	rBV2	20701	26588	1.10%	0.109%
54	18.046	2585	2588	2589	rBV3	4893	4056	0.17%	0.017%
55	18.140	2599	2604	2605	rBV4	2754	4010	0.17%	0.017%
56	18.269	2620	2626	2633	rBV	154705	241631	9.96%	0.995%
57	18.563	2673	2676	2679	rVV4	7209	8135	0.34%	0.033%
58	18.598	2679	2682	2685	rVB4	4801	6682	0.28%	0.028%
59	18.892	2728	2732	2735	rBV6	4173	4817	0.20%	0.020%
60	19.532	2837	2841	2850	rBV	73625	126132	5.20%	0.519%
61	19.650	2857	2861	2863	rBV	13241	17653	0.73%	0.073%
62	19.679	2863	2866	2871	rVB	292317	334708	13.79%	1.378%
63	19.762	2873	2880	2893	rBV2	1659166	2426322	100.00%	9.987%
64	19.926	2907	2908	2911	rBV3	4666	4955	0.20%	0.020%
65	20.349	2977	2980	2982	rBV4	6680	7386	0.30%	0.030%
66	20.567	3015	3017	3021	rBV4	5242	5633	0.23%	0.023%
67	20.631	3025	3028	3030	rVV4	6491	7815	0.32%	0.032%
68	20.719	3039	3043	3048	rBV	351542	394200	16.25%	1.623%
69	21.307	3138	3143	3144	rBV5	17338	27817	1.15%	0.115%
70	21.636	3192	3199	3208	rVB	943640	1475940	60.83%	6.075%
71	22.047	3267	3269	3271	rBV3	6519	5241	0.22%	0.022%

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72	22.441	3332	3336	3339	rBV5	10254	15168	0.63%	0.062%
73	24.615	3694	3706	3719	rBV	822113	2298106	94.72%	9.460%
74	24.832	3731	3743	3756	rBV2	508001	1463954	60.34%	6.026%
75	26.001	3935	3942	3952	rVB4	30327	83321	3.43%	0.343%
76	31.489	4874	4876	4877	rBV2	4505	3450	0.14%	0.014%

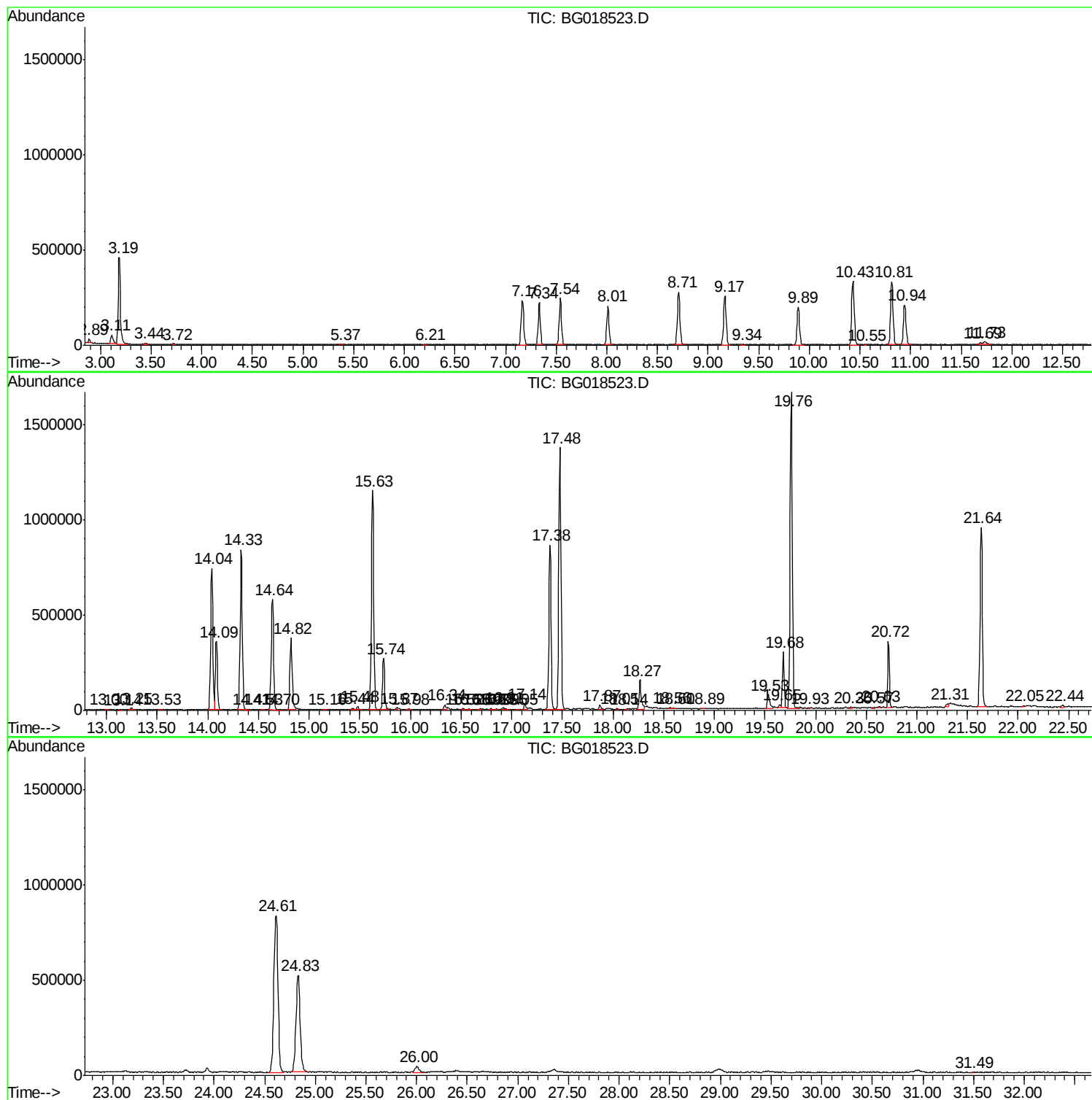
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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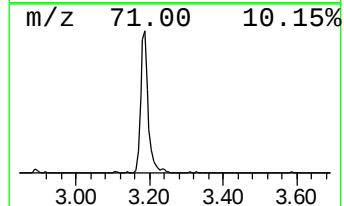
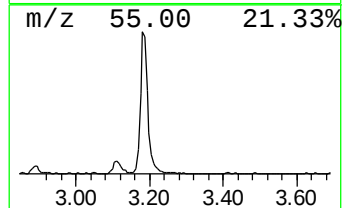
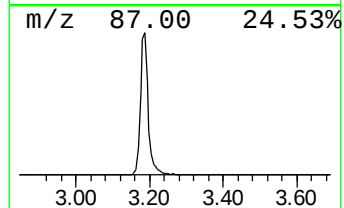
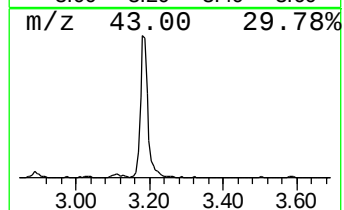
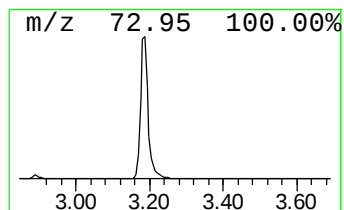
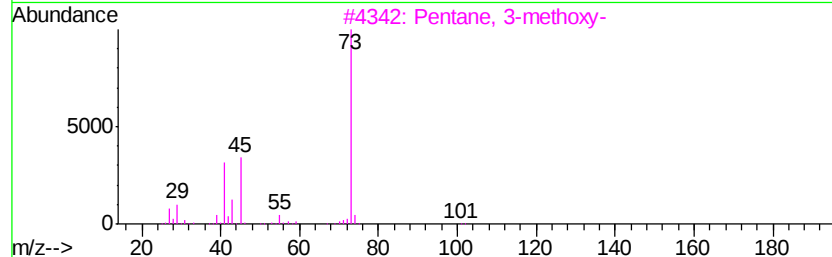
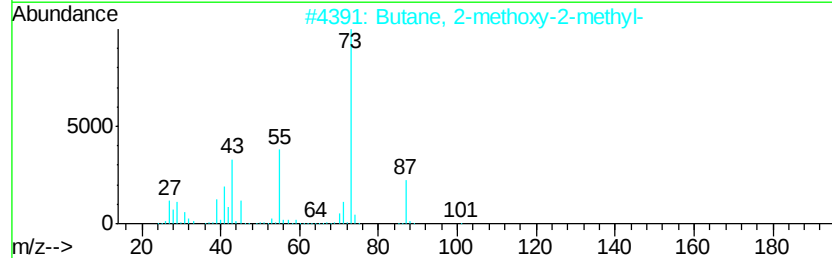
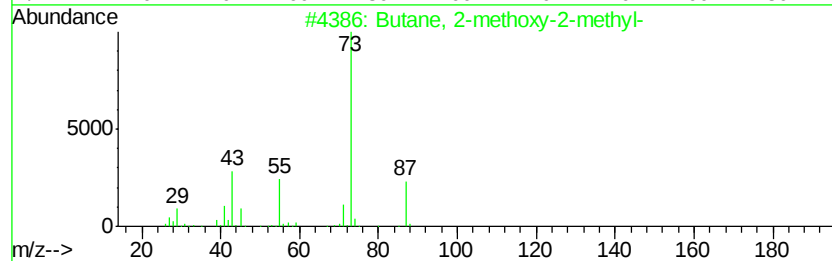
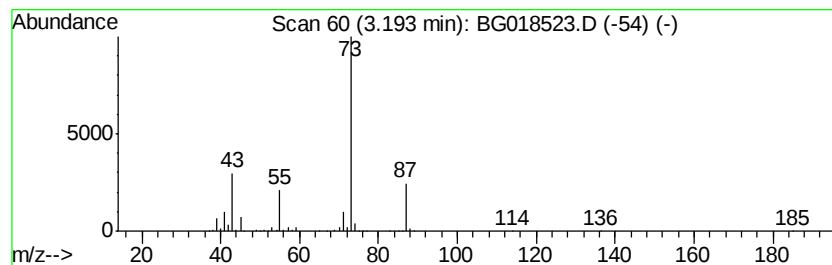
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	38.30 ng/ul	655811	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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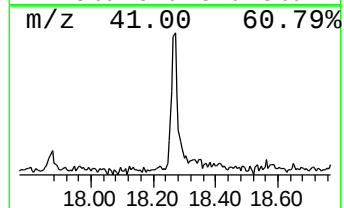
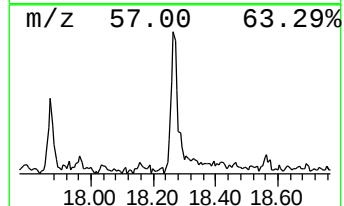
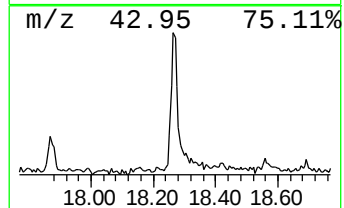
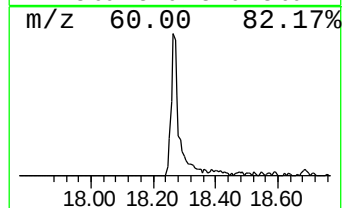
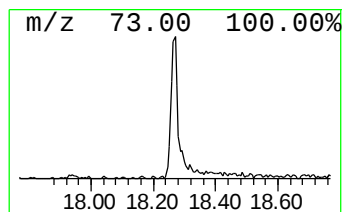
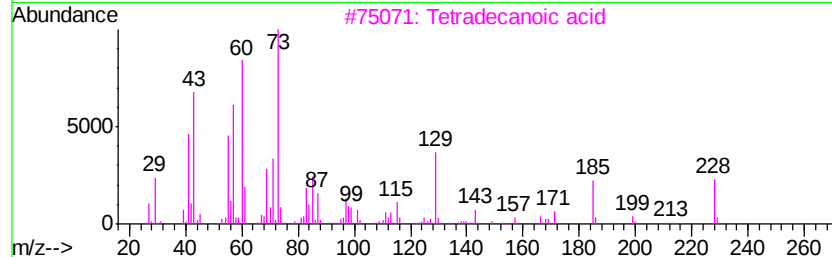
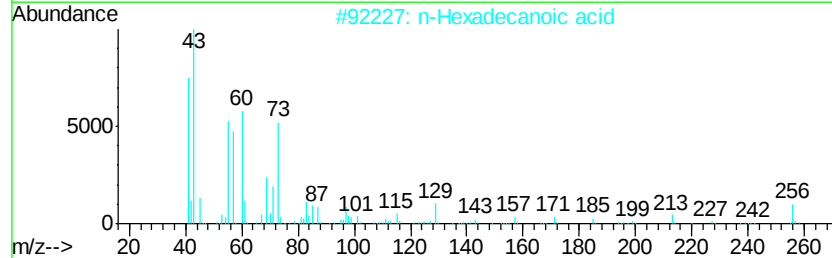
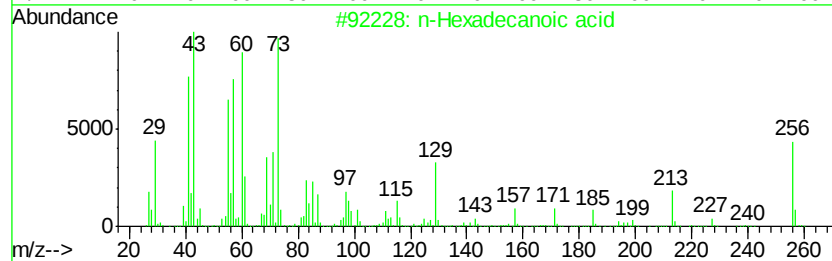
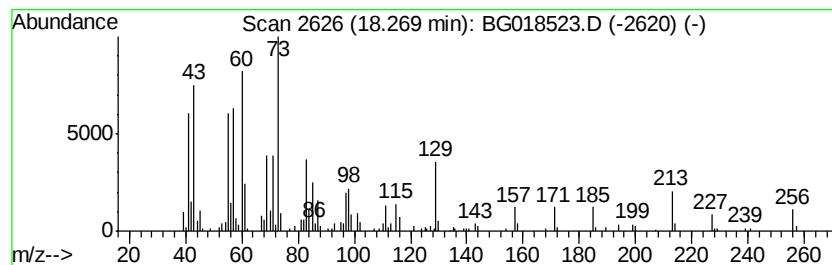
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.72 ng/ul	241631	Phenanthrene-d10	17.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	



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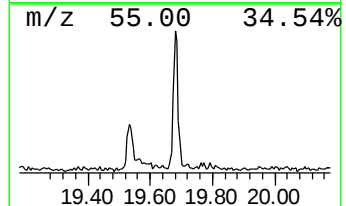
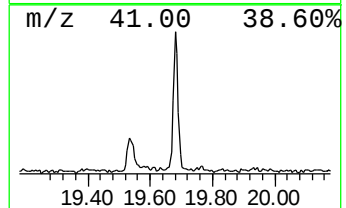
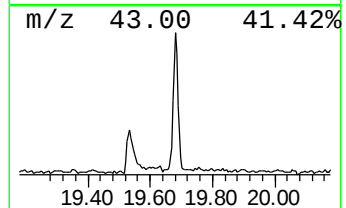
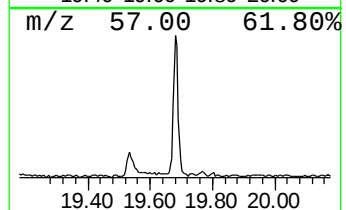
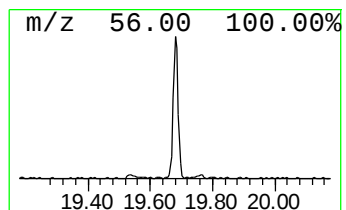
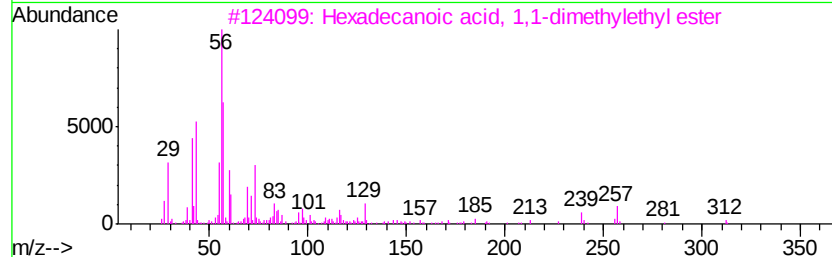
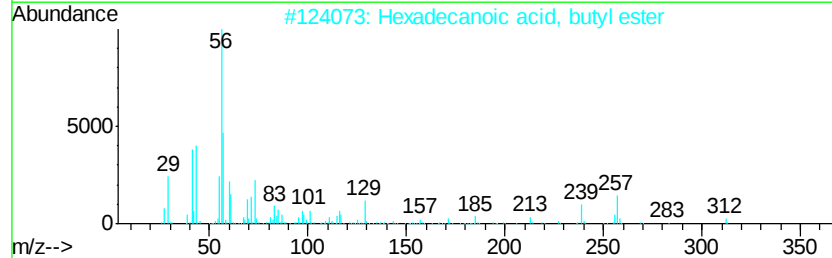
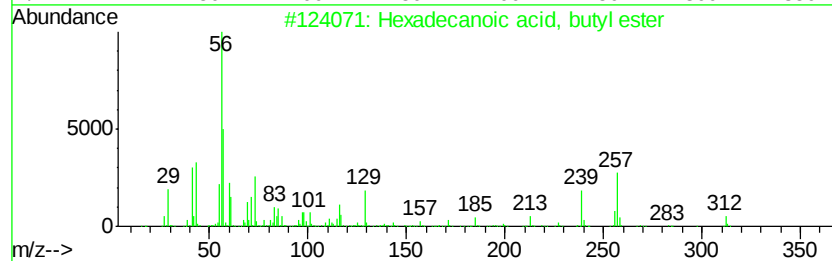
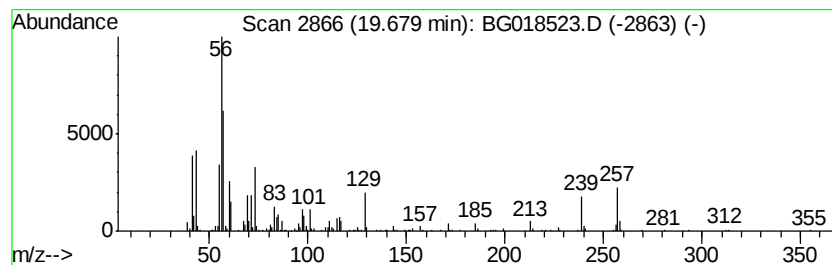
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	4.54 ng/ul	334708	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	38
5		Cyclohexanol,2-amino-,trans-	115	C6H13NO	006982-39-4	30



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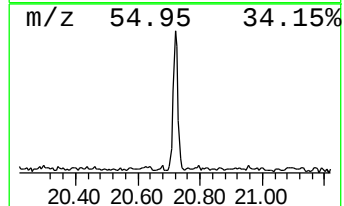
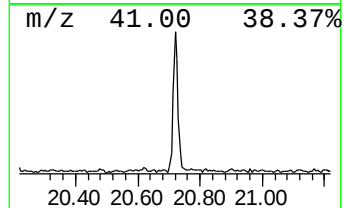
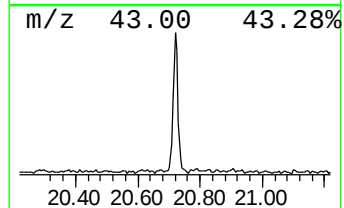
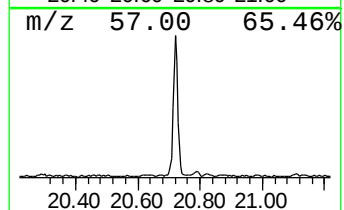
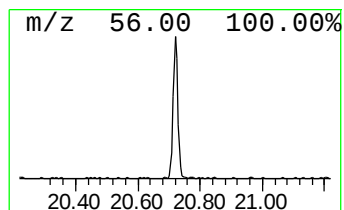
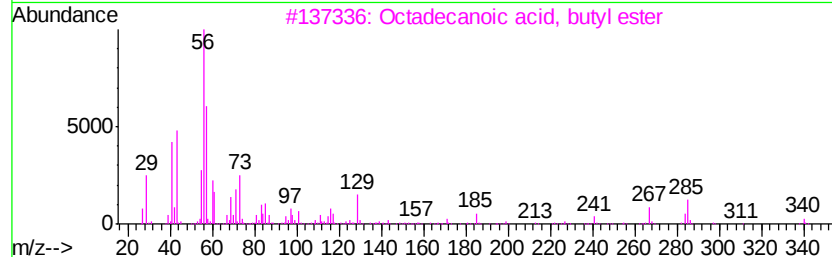
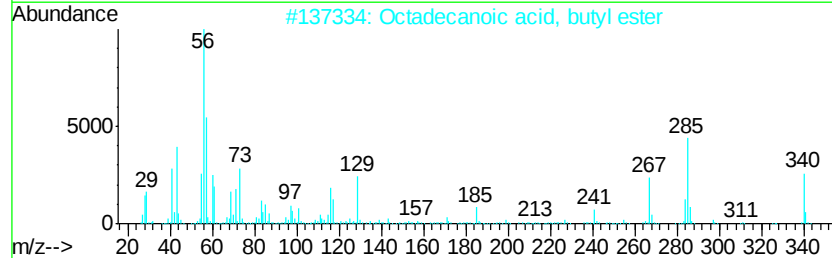
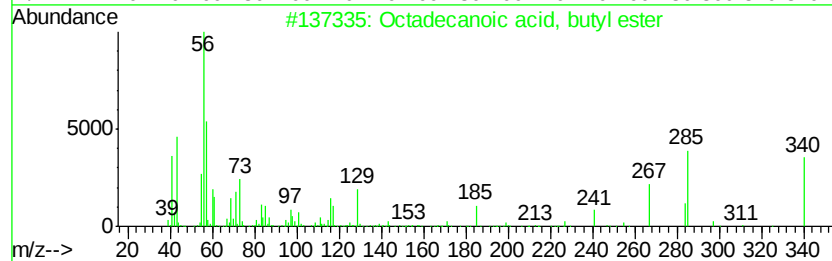
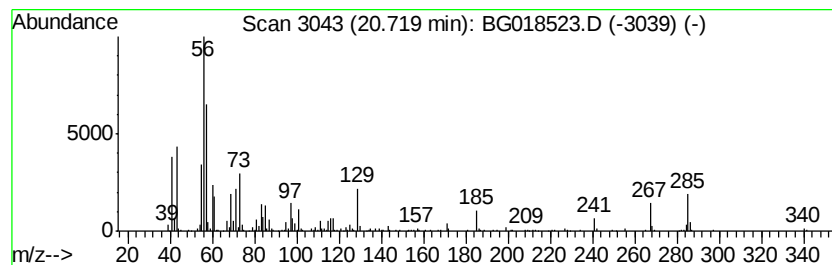
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	5.34 ng/ul	394200	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018523.D
Acq On : 28 Aug 2015 21:37
Operator : UM/MA
Sample : G3448-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	38.3	ng/ul	655811	1	8.01	342440	20.0
n-Hexadecanoic acid	18.27	3.7	ng/ul	241631	4	17.38	1300510	20.0
Hexadecanoic acid...	19.68	4.5	ng/ul	334708	5	21.64	1475940	20.0
Octadecanoic acid...	20.72	5.3	ng/ul	394200	5	21.64	1475940	20.0