

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019705.D
 Acq On : 19 Nov 2015 14:59
 Operator : UM/NP
 Sample : G4310-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KM3

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-BG111615.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	3.084	37	42	51	rBV	29223	56415	3.55%	0.375%
2	3.167	51	56	67	rVB	113097	161329	10.15%	1.072%
3	3.443	100	103	109	rVB2	7803	11289	0.71%	0.075%
4	5.182	394	399	407	rVB3	4693	8264	0.52%	0.055%
5	6.157	562	565	569	rBV	3064	4405	0.28%	0.029%
6	7.297	752	759	771	rBV	142288	258360	16.25%	1.716%
7	7.462	780	787	794	rVB	115782	186071	11.70%	1.236%
8	7.673	816	823	831	rVB	137300	231777	14.58%	1.540%
9	8.149	897	904	910	rVB2	78129	130391	8.20%	0.866%
10	8.854	1018	1024	1033	rVB	191359	321359	20.21%	2.135%
11	9.324	1097	1104	1112	rBV	146678	259050	16.29%	1.721%
12	9.436	1118	1123	1125	rBV	2270	3381	0.21%	0.022%
13	10.053	1221	1228	1237	rVB	128494	234003	14.72%	1.555%
14	10.294	1261	1269	1277	rBV3	58907	128827	8.10%	0.856%
15	10.593	1313	1320	1328	rVB	196048	341004	21.45%	2.265%
16	10.728	1339	1343	1348	rBV3	3294	5065	0.32%	0.034%
17	10.981	1378	1386	1392	rBV	125990	220924	13.90%	1.468%
18	11.110	1402	1408	1417	rBV	165626	298377	18.77%	1.982%
19	11.757	1511	1518	1524	rBV4	7092	12414	0.78%	0.082%
20	11.974	1551	1555	1562	rVB2	5904	7241	0.46%	0.048%
21	12.550	1648	1653	1658	rBV	3679	4999	0.31%	0.033%
22	13.061	1734	1740	1748	rBV2	65712	107833	6.78%	0.716%
23	13.143	1750	1754	1762	rVB4	8581	13616	0.86%	0.090%
24	13.384	1791	1795	1800	rVB3	10553	16092	1.01%	0.107%
25	13.590	1826	1830	1835	rVB3	4618	6186	0.39%	0.041%
26	13.701	1845	1849	1854	rVB4	4958	6467	0.41%	0.043%
27	14.183	1922	1931	1935	rVV	445111	661944	41.64%	4.398%
28	14.224	1935	1938	1945	rVB	189979	256819	16.15%	1.706%
29	14.359	1958	1961	1964	rBV2	2277	3482	0.22%	0.023%
30	14.406	1965	1969	1975	rVV4	4250	7099	0.45%	0.047%
31	14.483	1975	1982	1989	rVB	429440	668544	42.05%	4.441%
32	14.653	2006	2011	2017	rVB2	19778	24784	1.56%	0.165%
33	14.735	2020	2025	2027	rBV3	2112	3375	0.21%	0.022%
34	14.782	2027	2033	2042	rVB2	247611	412713	25.96%	2.742%

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35	14.970	2058	2065	2078	rBV	237770	380029	23.90%	2.525%
36	15.100	2082	2087	2088	rVV3	3813	5897	0.37%	0.039%
37	15.147	2092	2095	2099	rVV4	3572	6428	0.40%	0.043%
38	15.205	2103	2105	2110	rVB3	4132	6269	0.39%	0.042%
39	15.270	2110	2116	2120	rBV4	5139	10837	0.68%	0.072%
40	15.341	2123	2128	2130	rBV3	3334	5014	0.32%	0.033%
41	15.487	2146	2153	2154	rBV4	1904	2702	0.17%	0.018%
42	15.552	2160	2164	2167	rBV	5315	8018	0.50%	0.053%
43	15.599	2168	2172	2177	rVB2	28993	39079	2.46%	0.260%
44	15.670	2177	2184	2186	rBV3	3688	6955	0.44%	0.046%
45	15.723	2190	2193	2195	rVV4	3083	4144	0.26%	0.028%
46	15.775	2195	2202	2209	rVB	616812	950548	59.79%	6.315%
47	15.887	2215	2221	2228	rBV	250448	367423	23.11%	2.441%
48	16.005	2235	2241	2246	rBV3	12785	21200	1.33%	0.141%
49	16.099	2253	2257	2260	rBV4	4443	5855	0.37%	0.039%
50	16.151	2262	2266	2271	rBV4	4201	7405	0.47%	0.049%
51	16.222	2276	2278	2286	rVB5	4958	7290	0.46%	0.048%
52	16.298	2286	2291	2292	rBV4	3118	4304	0.27%	0.029%
53	16.457	2314	2318	2322	rBV2	28540	40758	2.56%	0.271%
54	16.592	2336	2341	2344	rBV	10157	12366	0.78%	0.082%
55	16.651	2347	2351	2356	rVB6	9605	14810	0.93%	0.098%
56	16.710	2357	2361	2366	rBV4	8574	11179	0.70%	0.074%
57	16.751	2366	2368	2372	rVB4	6749	7489	0.47%	0.050%
58	16.851	2383	2385	2389	rVB4	3880	5292	0.33%	0.035%
59	16.915	2391	2396	2400	rVB7	9810	17586	1.11%	0.117%
60	16.974	2401	2406	2410	rVB4	11877	19994	1.26%	0.133%
61	17.050	2415	2419	2421	rBV3	6617	7076	0.45%	0.047%
62	17.250	2448	2453	2458	rBV3	18143	21466	1.35%	0.143%
63	17.303	2459	2462	2467	rVB4	5019	6919	0.44%	0.046%
64	17.526	2493	2500	2506	rBV	425316	641572	40.36%	4.262%
65	17.573	2506	2508	2510	rVV2	5475	5754	0.36%	0.038%
66	17.626	2510	2517	2523	rVB2	762683	1163892	73.21%	7.732%
67	18.037	2583	2587	2591	rVB5	5147	7056	0.44%	0.047%
68	18.284	2627	2629	2636	rVB5	4718	6313	0.40%	0.042%
69	18.384	2642	2646	2653	rBV3	19606	29187	1.84%	0.194%
70	18.672	2693	2695	2698	rVB3	3647	3487	0.22%	0.023%
71	18.895	2727	2733	2738	rBV3	11296	20913	1.32%	0.139%

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72	18.983	2746	2748	2752	rVB5	5899	5647	0.36%	0.038%
73	19.148	2773	2776	2782	rVB3	11118	16482	1.04%	0.109%
74	19.236	2786	2791	2796	rBV	29016	40657	2.56%	0.270%
75	19.301	2798	2802	2808	rVB5	15014	21943	1.38%	0.146%
76	19.547	2839	2844	2849	rVB3	17890	35551	2.24%	0.236%
77	19.777	2879	2883	2891	rVB2	35742	51968	3.27%	0.345%
78	19.841	2891	2894	2896	rBV2	10354	13166	0.83%	0.087%
79	19.900	2898	2904	2912	rVB	1102586	1560969	98.19%	10.370%
80	20.141	2940	2945	2947	rBV3	12493	21262	1.34%	0.141%
81	20.305	2969	2973	2977	rVB	19561	24093	1.52%	0.160%
82	20.781	3050	3054	3060	rVB	40167	54764	3.44%	0.364%
83	20.993	3087	3090	3095	rBV4	31168	51485	3.24%	0.342%
84	21.046	3095	3099	3103	rVB	58992	75127	4.73%	0.499%
85	21.116	3108	3111	3115	rVB2	24152	28189	1.77%	0.187%
86	21.398	3156	3159	3166	rVB2	61744	88374	5.56%	0.587%
87	21.557	3178	3186	3193	rVB3	39928	74627	4.69%	0.496%
88	21.627	3195	3198	3201	rBV3	15614	25166	1.58%	0.167%
89	21.792	3220	3226	3234	rVB	531516	898014	56.49%	5.966%
90	23.079	3434	3445	3453	rVB5	33161	100552	6.32%	0.668%
91	23.496	3512	3516	3522	rVB4	20498	44088	2.77%	0.293%
92	24.119	3617	3622	3628	rBV5	17211	32618	2.05%	0.217%
93	24.418	3667	3673	3680	rVB4	26274	53252	3.35%	0.354%
94	24.888	3742	3753	3766	rBV	564033	1589785	100.00%	10.562%
95	25.117	3781	3792	3803	rVB	309353	891575	56.08%	5.923%
96	26.263	3979	3987	3999	rBV6	19775	66691	4.19%	0.443%
97	26.539	4026	4034	4050	rVB4	44461	156549	9.85%	1.040%
98	27.661	4218	4225	4236	rVB9	18446	65398	4.11%	0.434%
99	30.141	4645	4647	4650	rBV3	4005	3358	0.21%	0.022%
100	30.958	4785	4786	4790	rBV4	3456	4880	0.31%	0.032%

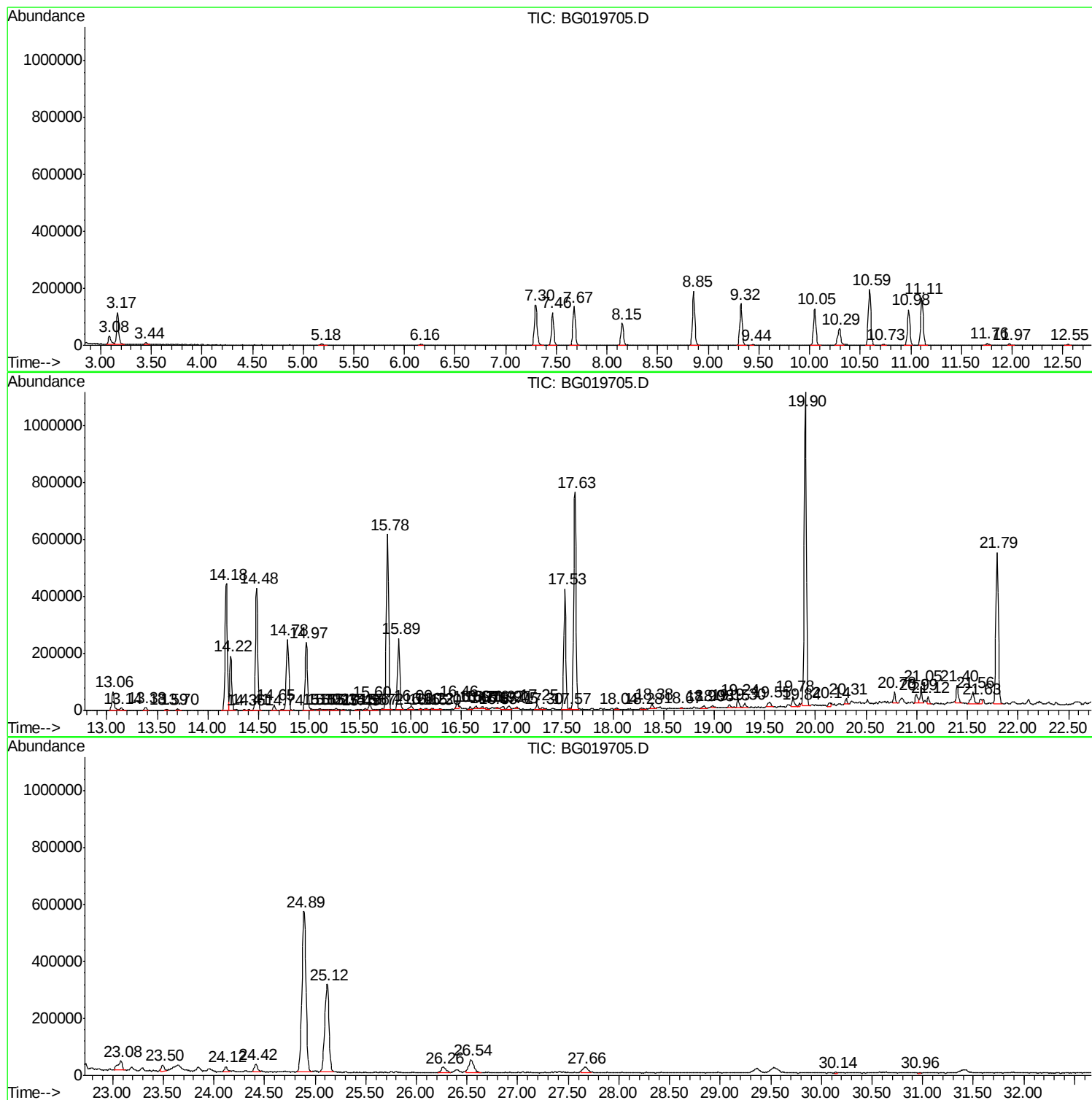
Sum of corrected areas: 15052635

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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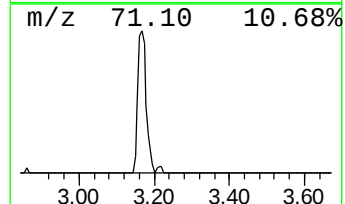
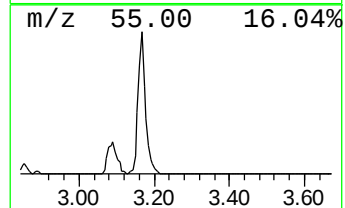
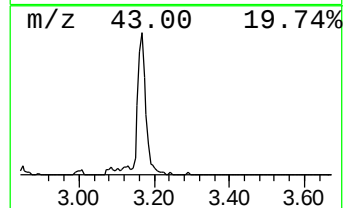
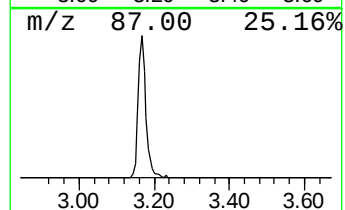
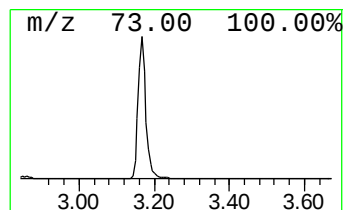
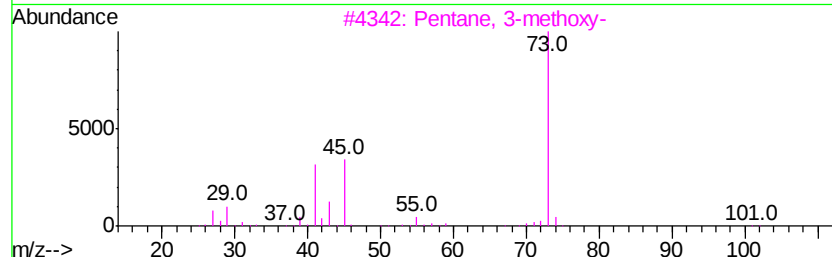
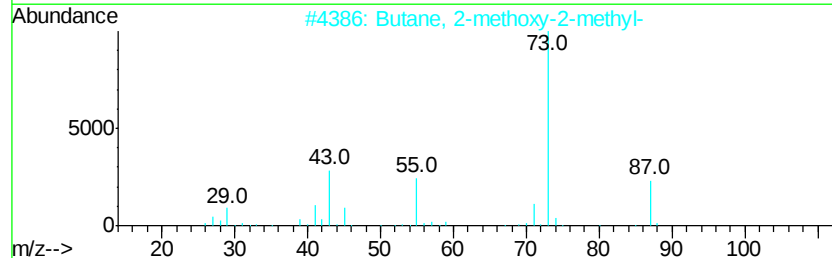
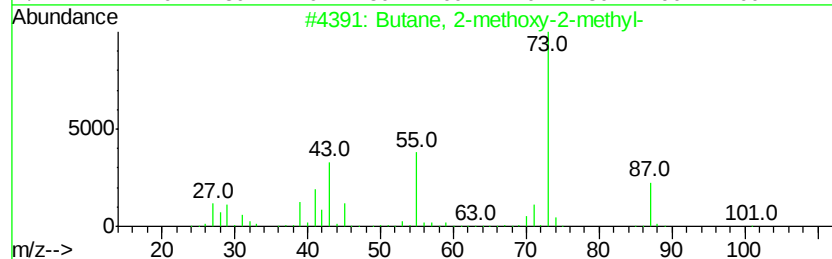
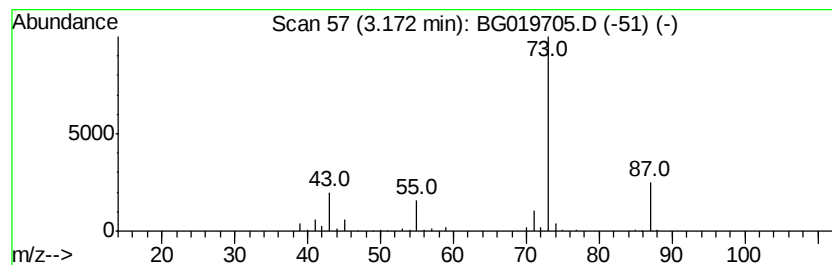
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.17	24.75 ng/ul	161329	1,4-Dichlorobenzene-d4	8.15

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	53
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9



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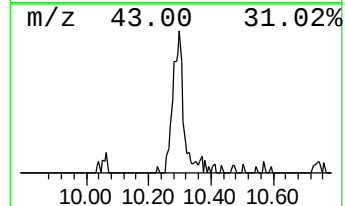
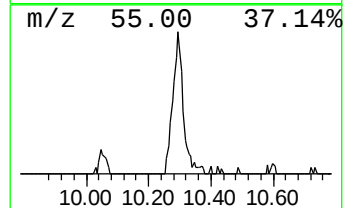
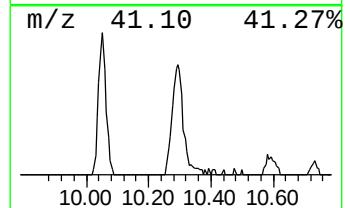
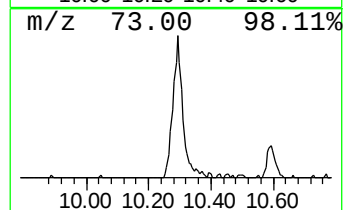
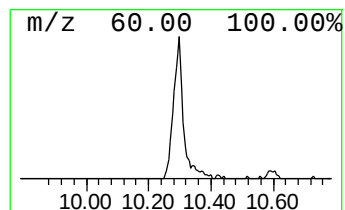
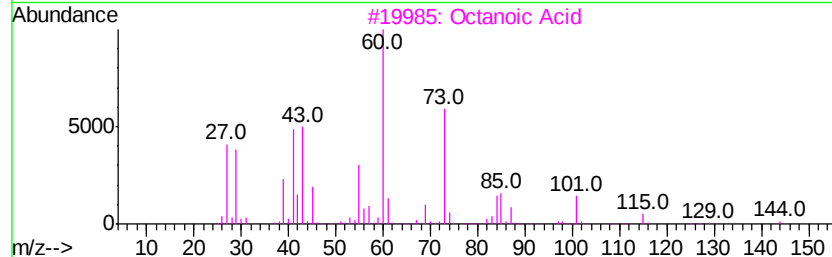
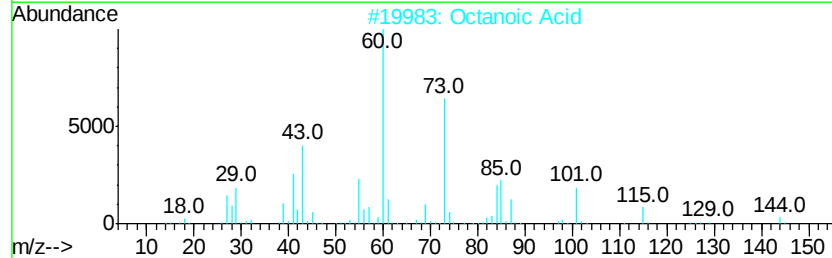
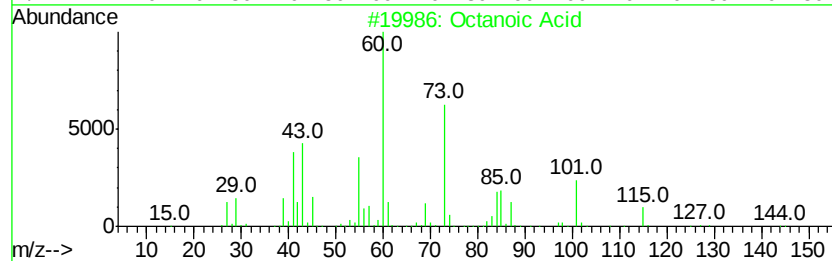
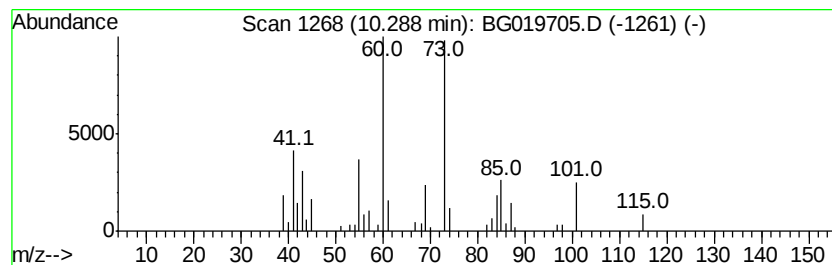
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octanoic Acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	11.66 ng/ul	128827	Naphthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octanoic Acid	144 C8H16O2	000124-07-2	80
2	Octanoic Acid	144 C8H16O2	000124-07-2	78
3	Octanoic Acid	144 C8H16O2	000124-07-2	72
4	Hexanoic acid	116 C6H12O2	000142-62-1	38
5	Hexanoic acid	116 C6H12O2	000142-62-1	38



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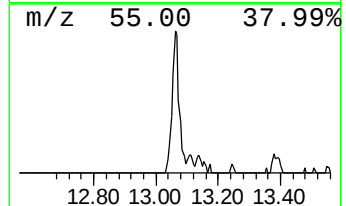
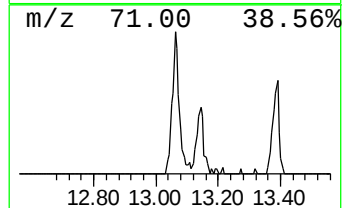
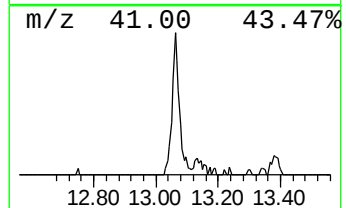
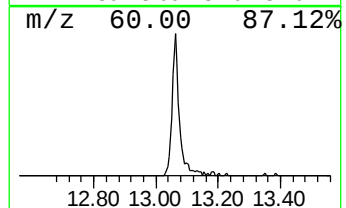
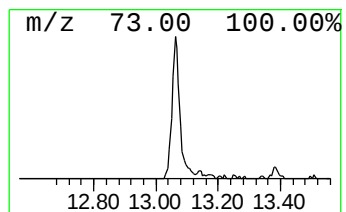
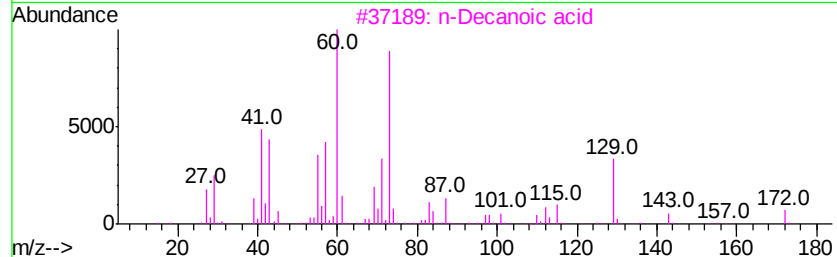
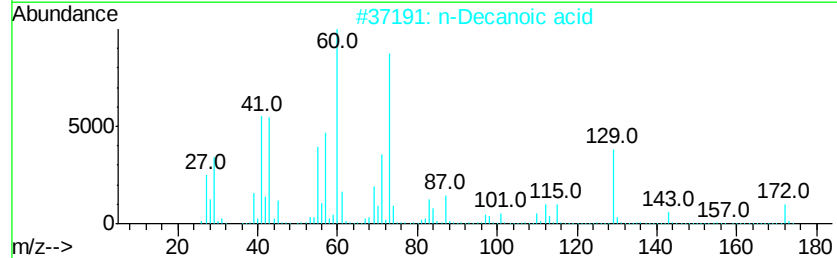
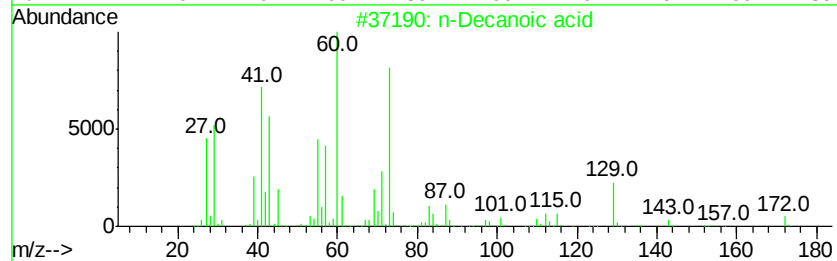
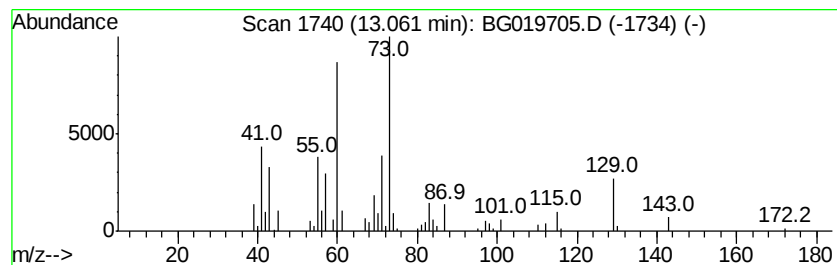
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Peak Number 4 n-Decanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	5.23 ng/ul	107833	Acenaphthene-d10	14.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Decanoic acid	172 C10H20O2	000334-48-5	81
2	n-Decanoic acid	172 C10H20O2	000334-48-5	64
3	n-Decanoic acid	172 C10H20O2	000334-48-5	64
4	n-Decanoic acid	172 C10H20O2	000334-48-5	56
5	n-Decanoic acid	172 C10H20O2	000334-48-5	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
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Acq On : 19 Nov 2015 14:59
Operator : UM/NP
Sample : G4310-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KM3

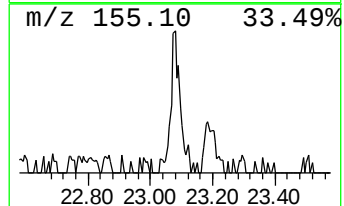
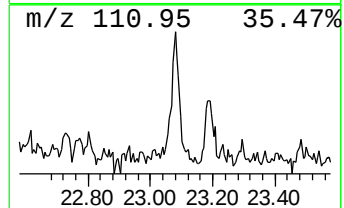
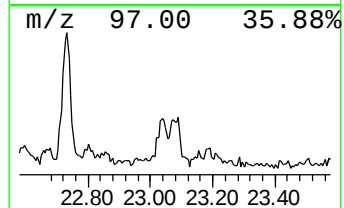
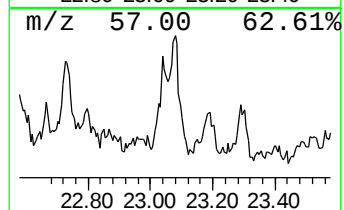
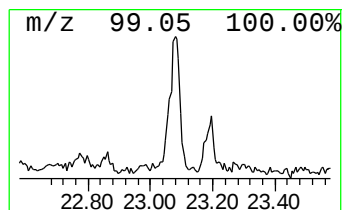
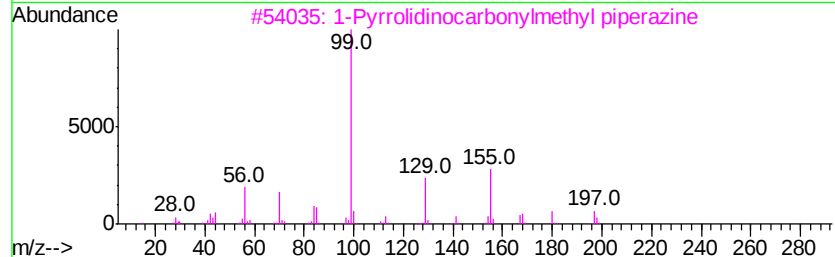
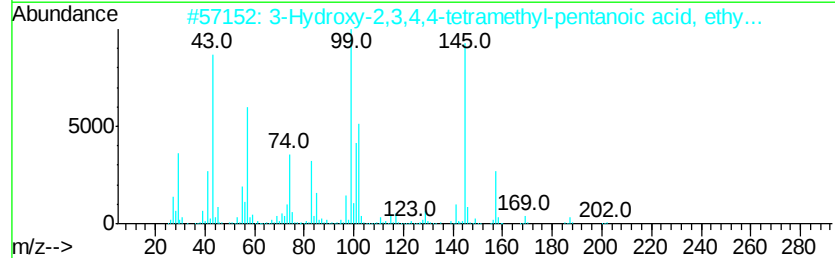
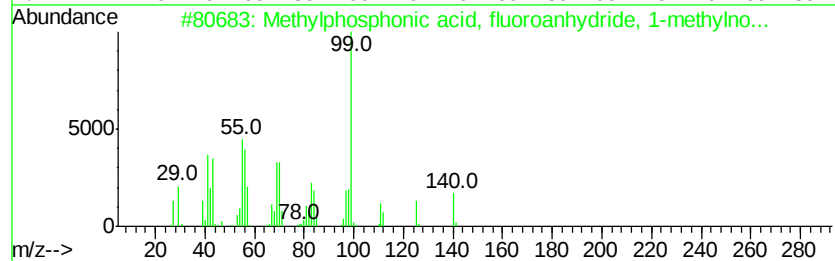
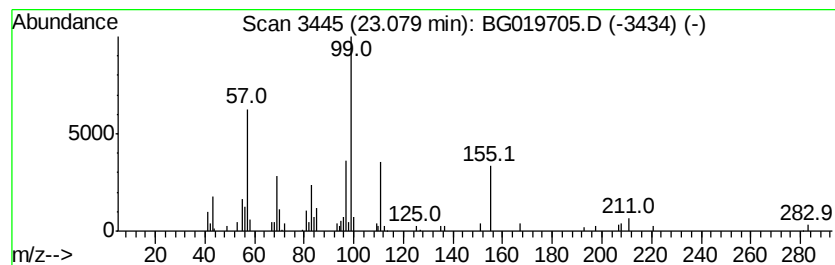
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Methylphosphonic acid, fluo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	2.24 ng/ul	100552	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonic acid, fluoroanh...	238	C11H24F02P	211192-71-1	50
2		3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	47
3		1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	43
4		Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	43
5		Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	38



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Instrument :
BNA_G
ClientSampleId :
D9KM3

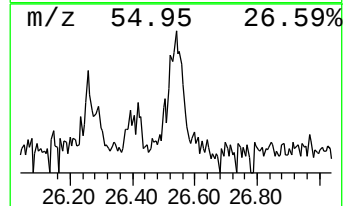
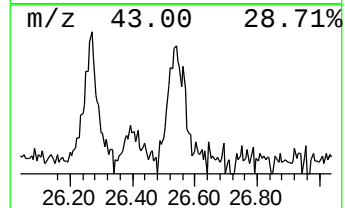
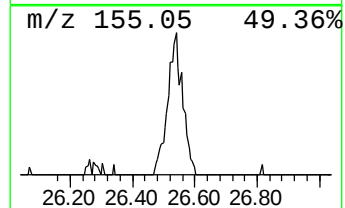
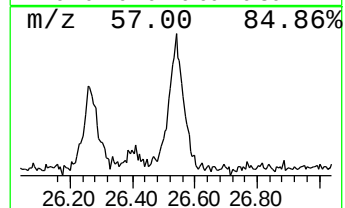
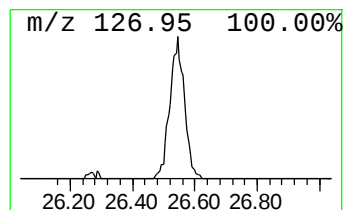
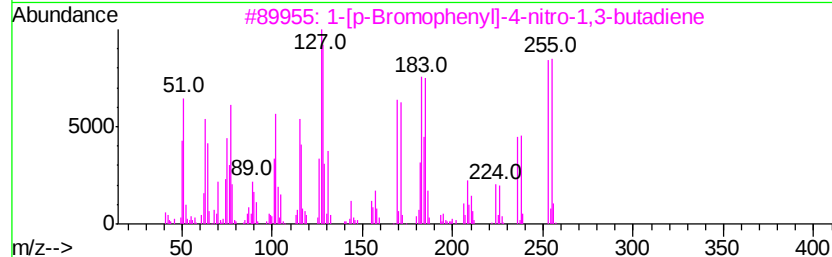
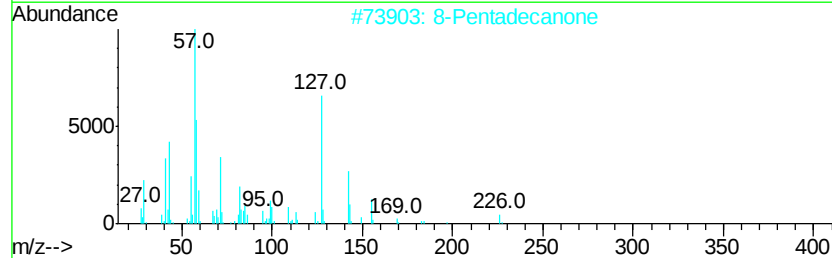
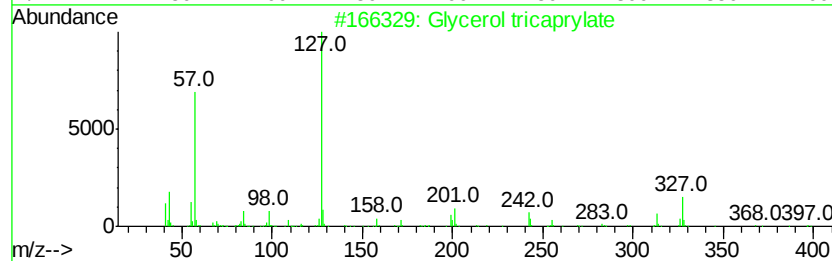
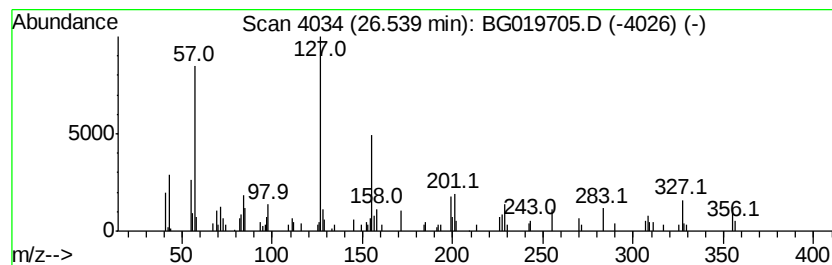
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.54	3.51 ng/ul	156549	Perylene-d12	25.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycerol tricaprlylate	470	C27H50O6	000538-23-8	37
2		8-Pentadecanone	226	C15H30O	000818-23-5	35
3		1-[p-Bromophenvl]-4-nitro-1,3-bu...	253	C10H8BrN02	004995-05-5	30
4		5-Formyl-4-methylthiazole	127	C5H5NOS	082294-70-0	27
5		2,3-Dimethyl-1,4-dioxaspiro[4.4]...	156	C9H16O2	006290-15-9	27



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Misc :
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Instrument :
BNA_G
ClientSampleId :
D9KM3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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...	3.17	24.8	ng/ul	161329	1	8.15	130391	20.0
Octanoic Acid	10.29	11.7	ng/ul	128827	2	10.98	220924	20.0
n-Decanoic acid	13.06	5.2	ng/ul	107833	3	14.78	412713	20.0
Methylphosphonic ...	23.08	2.2	ng/ul	100552	5	21.80	898014	20.0
unknown-01	26.54	3.5	ng/ul	156549	6	25.12	891575	20.0