

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020478.D
 Acq On : 24 Dec 2015 18:28
 Operator : UM/SJ
 Sample : G4803-12RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04C0RX

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-BG122415.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	3.098	38	44	53	rVV	40556	86119	20.33%	1.913%
2	3.175	53	57	66	rVB	29571	48330	11.41%	1.074%
3	7.235	743	748	758	rBB3	10150	19726	4.66%	0.438%
4	7.399	768	776	786	rBB	36201	59859	14.13%	1.330%
5	7.605	805	811	820	rBV	38519	66286	15.64%	1.472%
6	8.075	884	891	901	rBB	54045	91122	21.51%	2.024%
7	8.786	1005	1012	1020	rBV2	31201	55690	13.14%	1.237%
8	9.244	1084	1090	1098	rBV	47026	81583	19.26%	1.812%
9	9.638	1153	1157	1161	rBB2	1694	2163	0.51%	0.048%
10	9.973	1208	1214	1222	rBB	39905	71067	16.77%	1.579%
11	10.513	1300	1306	1314	rBV2	61149	107853	25.46%	2.396%
12	10.895	1363	1371	1381	rBV	76230	137702	32.50%	3.059%
13	13.522	1812	1818	1820	rBV	1046	1257	0.30%	0.028%
14	14.109	1912	1918	1923	rVV	133448	191641	45.23%	4.257%
15	14.156	1923	1926	1933	rVV	24486	34093	8.05%	0.757%
16	14.403	1960	1968	1977	rBV	129278	204309	48.22%	4.538%
17	14.585	1993	1999	2006	rBB2	6822	9270	2.19%	0.206%
18	14.708	2014	2020	2027	rBV2	129927	212239	50.09%	4.714%
19	14.914	2049	2055	2066	rBV3	6164	13066	3.08%	0.290%
20	15.032	2070	2075	2076	rVV2	1249	2017	0.48%	0.045%
21	15.049	2076	2078	2081	rVV	1062	1051	0.25%	0.023%
22	15.084	2081	2084	2085	rVV2	1400	1288	0.30%	0.029%
23	15.096	2085	2086	2090	rVV2	1253	1531	0.36%	0.034%
24	15.137	2090	2093	2098	rVB3	1327	2173	0.51%	0.048%
25	15.196	2099	2103	2111	rBB2	2119	3429	0.81%	0.076%
26	15.267	2111	2115	2119	rBB	1854	2028	0.48%	0.045%
27	15.537	2155	2161	2166	rVB2	12374	17477	4.12%	0.388%
28	15.590	2166	2170	2174	rBV2	1536	2685	0.63%	0.060%
29	15.701	2183	2189	2196	rBV	185377	279514	65.97%	6.209%
30	15.813	2203	2208	2218	rVB	56271	85100	20.09%	1.890%
31	15.913	2223	2225	2226	rVV	2229	1905	0.45%	0.042%
32	15.936	2226	2229	2235	rVV2	4662	8333	1.97%	0.185%
33	16.036	2241	2246	2249	rVB	1853	3092	0.73%	0.069%
34	16.089	2251	2255	2259	rBV3	2222	3355	0.79%	0.075%

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Integration Parameters: LSCINT.P

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35	16.154	2263	2266	2269	rBV2	2109	2532	0.60%	0.056%
36	16.395	2303	2307	2311	rBV2	15576	22542	5.32%	0.501%
37	16.453	2316	2317	2320	rVV3	1878	1909	0.45%	0.042%
38	16.524	2323	2329	2335	rVV2	3432	7075	1.67%	0.157%
39	16.577	2335	2338	2345	rVV4	4436	8394	1.98%	0.186%
40	16.647	2345	2350	2353	rVV2	3396	6161	1.45%	0.137%
41	16.688	2353	2357	2360	rVV3	3075	4143	0.98%	0.092%
42	16.735	2360	2365	2368	rVV2	3060	5045	1.19%	0.112%
43	16.765	2368	2370	2373	rVV2	2672	4032	0.95%	0.090%
44	16.794	2373	2375	2379	rVV4	2675	3995	0.94%	0.089%
45	16.853	2379	2385	2390	rVV5	5333	10315	2.43%	0.229%
46	16.912	2390	2395	2400	rVV3	4366	8203	1.94%	0.182%
47	16.976	2400	2406	2407	rVV2	2333	4122	0.97%	0.092%
48	16.994	2407	2409	2415	rVV5	2818	3921	0.93%	0.087%
49	17.047	2415	2418	2423	rVV3	1103	1980	0.47%	0.044%
50	17.188	2436	2442	2446	rBV	9784	14294	3.37%	0.317%
51	17.235	2446	2450	2454	rVV2	3378	5781	1.36%	0.128%
52	17.264	2454	2455	2460	rVV2	1135	1479	0.35%	0.033%
53	17.323	2460	2465	2469	rVV3	796	1187	0.28%	0.026%
54	17.458	2482	2488	2494	rBV	184873	282295	66.63%	6.270%
55	17.552	2498	2504	2511	rVV2	212669	314985	74.34%	6.996%
56	17.928	2564	2568	2570	rVV	3185	3387	0.80%	0.075%
57	18.328	2630	2636	2643	rBV	24286	36187	8.54%	0.804%
58	18.404	2645	2649	2652	rVV5	2756	3956	0.93%	0.088%
59	18.980	2743	2747	2750	rBV2	1179	1068	0.25%	0.024%
60	19.103	2765	2768	2769	rBV3	988	1101	0.26%	0.024%
61	19.185	2777	2782	2784	rBV3	784	1350	0.32%	0.030%
62	19.456	2823	2828	2829	rBV2	3172	3939	0.93%	0.087%
63	19.473	2829	2831	2836	rVB2	3822	4959	1.17%	0.110%
64	19.509	2836	2837	2840	rVB3	1365	1108	0.26%	0.025%
65	19.591	2846	2851	2860	rBV2	23449	34588	8.16%	0.768%
66	19.726	2871	2874	2879	rVB4	4971	5791	1.37%	0.129%
67	19.838	2886	2893	2899	rBV	289937	423690	100.00%	9.411%
68	20.043	2925	2928	2930	rVB4	1860	1829	0.43%	0.041%
69	20.073	2930	2933	2934	rBV2	1116	1247	0.29%	0.028%
70	20.178	2949	2951	2953	rBV3	1174	1210	0.29%	0.027%
71	20.319	2971	2975	2978	rBV6	1646	2524	0.60%	0.056%

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72	20.466	2998	3000	3003	rBV3	1473	1904	0.45%	0.042%
73	20.560	3013	3016	3019	rBV5	1722	2196	0.52%	0.049%
74	20.613	3024	3025	3027	rBV2	2077	1402	0.33%	0.031%
75	20.666	3032	3034	3036	rBV3	2040	1740	0.41%	0.039%
76	20.707	3039	3041	3043	rVV3	3555	2966	0.70%	0.066%
77	20.731	3043	3045	3050	rVB5	2927	3033	0.72%	0.067%
78	20.836	3060	3063	3066	rVV5	2938	4219	1.00%	0.094%
79	20.872	3066	3069	3074	rVB6	2404	4174	0.99%	0.093%
80	20.954	3081	3083	3084	rBV2	1745	1517	0.36%	0.034%
81	20.983	3086	3088	3092	rVB5	1618	1654	0.39%	0.037%
82	21.348	3145	3150	3159	rBV2	33410	57586	13.59%	1.279%
83	21.442	3163	3166	3170	rVV6	2540	3636	0.86%	0.081%
84	21.553	3182	3185	3187	rBV4	1801	2551	0.60%	0.057%
85	21.730	3208	3215	3225	rBV	254344	411652	97.16%	9.144%
86	22.317	3313	3315	3316	rBV2	1995	1520	0.36%	0.034%
87	22.699	3378	3380	3382	rVB3	2671	1241	0.29%	0.028%
88	23.381	3495	3496	3498	rBV2	2260	1585	0.37%	0.035%
89	24.638	3708	3710	3712	rBV3	1702	1664	0.39%	0.037%
90	24.761	3720	3731	3743	rBV	148562	410752	96.95%	9.124%
91	24.990	3759	3770	3782	rBV2	141716	403948	95.34%	8.972%
92	26.113	3958	3961	3962	rBV2	3108	2341	0.55%	0.052%
93	26.436	4014	4016	4018	rBV3	1831	1955	0.46%	0.043%
94	26.841	4083	4085	4087	rBV2	1818	1088	0.26%	0.024%
95	27.482	4185	4194	4197	rBV9	6243	18040	4.26%	0.401%
96	28.198	4314	4316	4318	rBV3	1496	1265	0.30%	0.028%
97	29.732	4575	4577	4579	rBV3	1653	1595	0.38%	0.035%
98	31.130	4813	4815	4817	rBV2	2153	1429	0.34%	0.032%
99	31.994	4960	4962	4965	rBV4	1528	1511	0.36%	0.034%
100	32.129	4983	4985	4986	rBV2	1556	1249	0.29%	0.028%

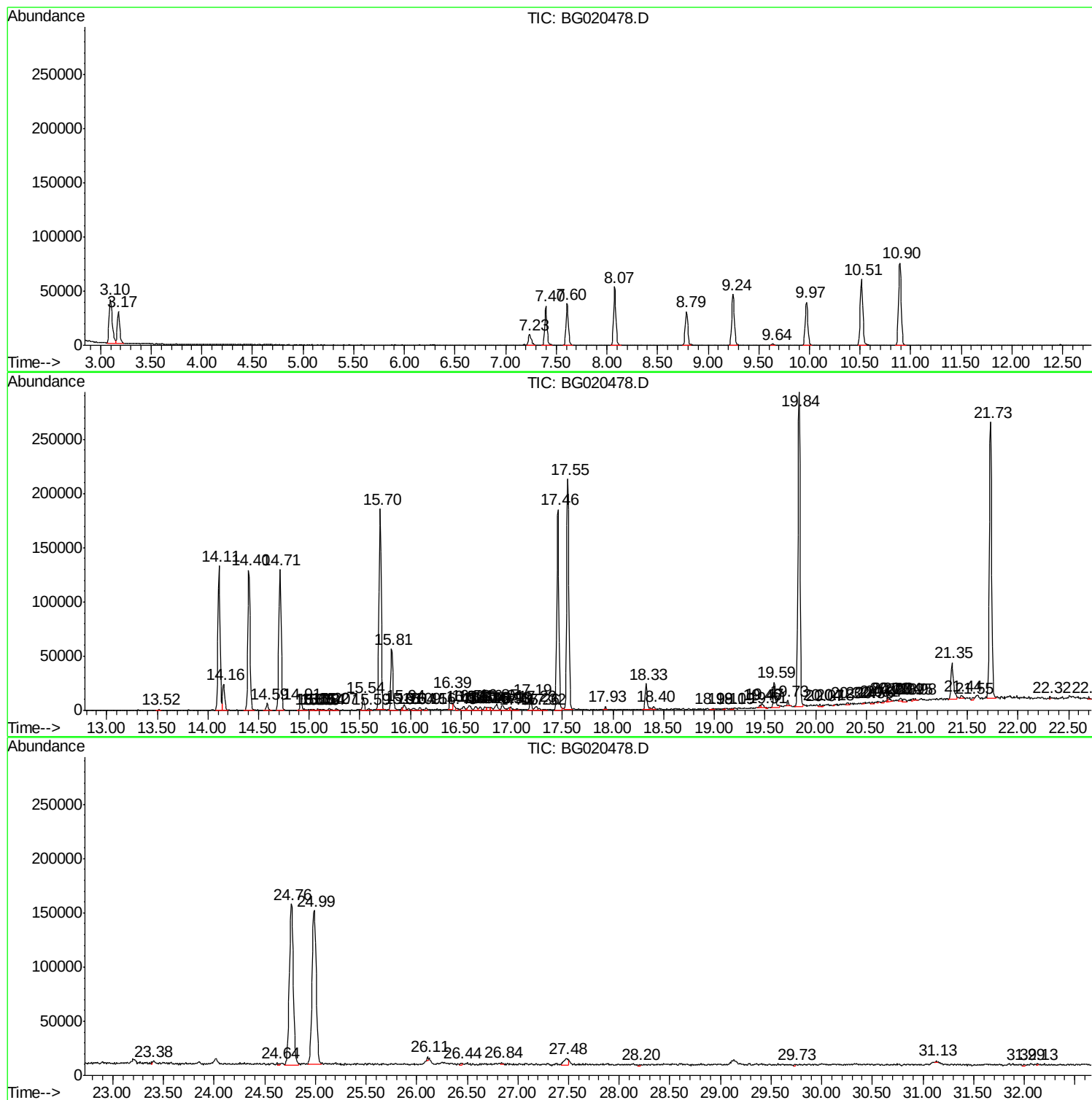
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



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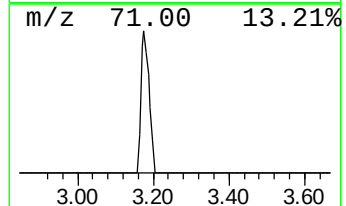
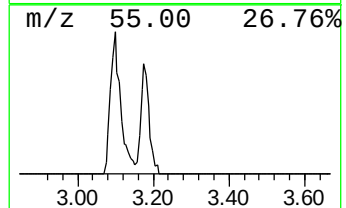
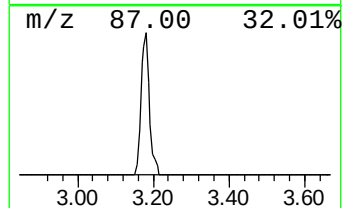
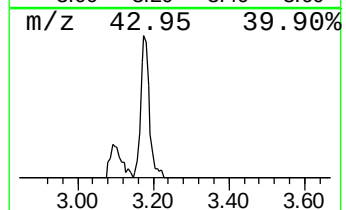
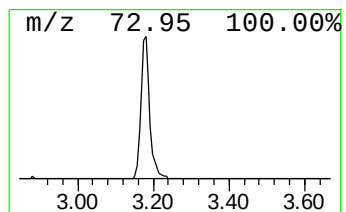
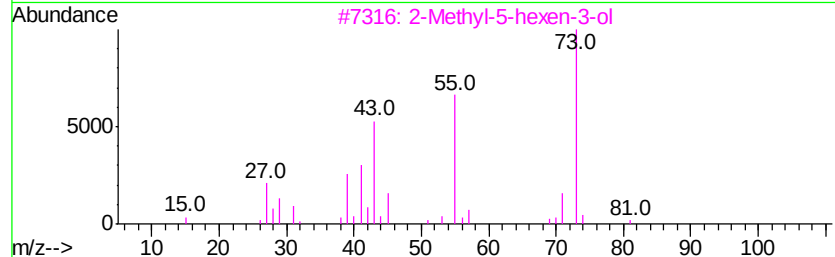
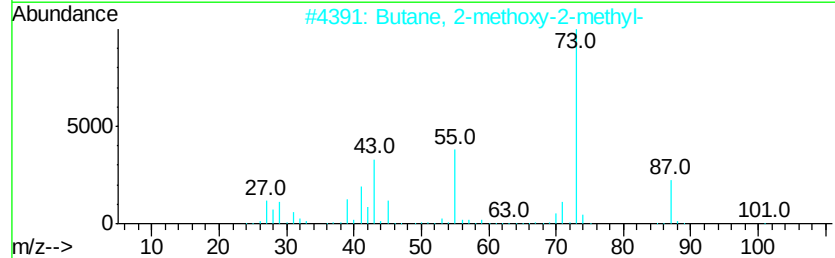
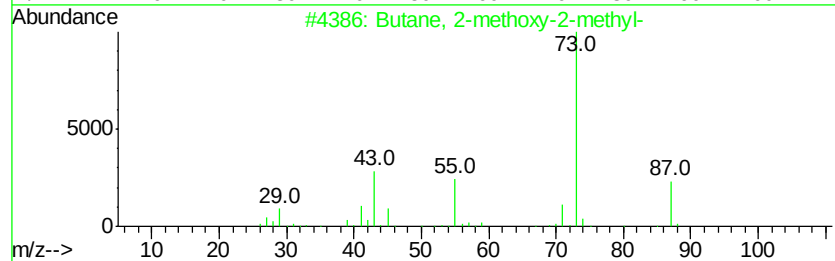
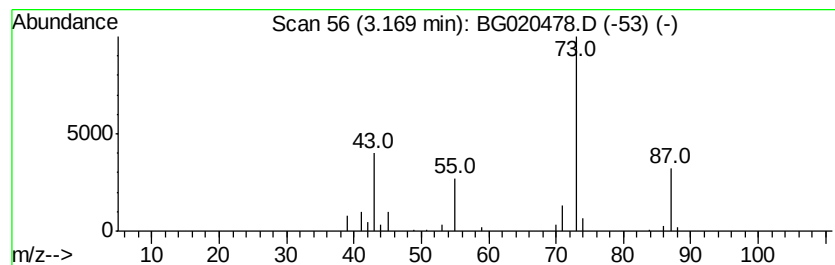
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	10.61 ng/ul	48330	1,4-Dichlorobenzene-d4	8.07

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	72
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	50
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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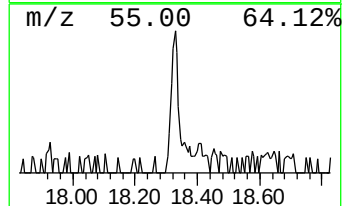
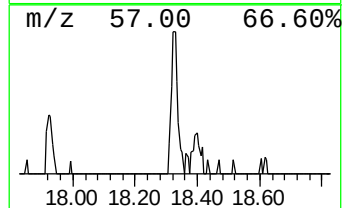
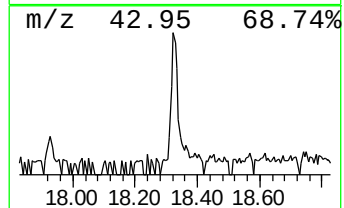
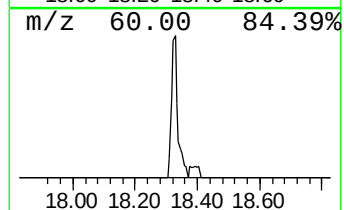
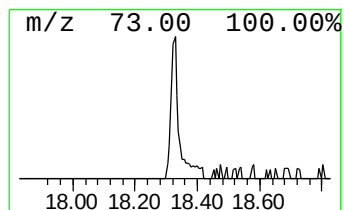
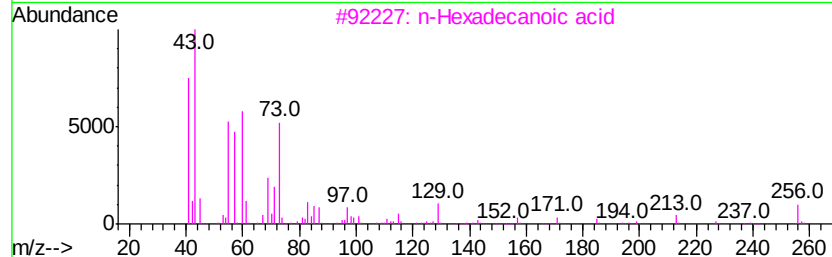
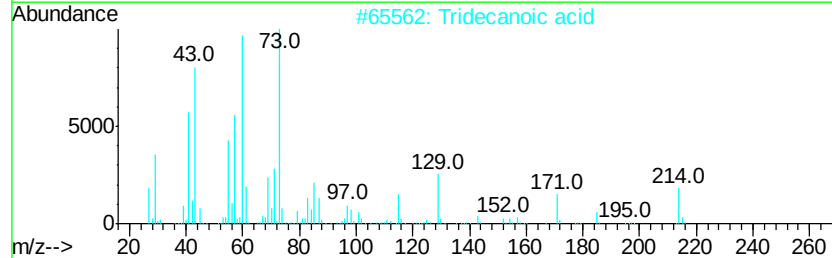
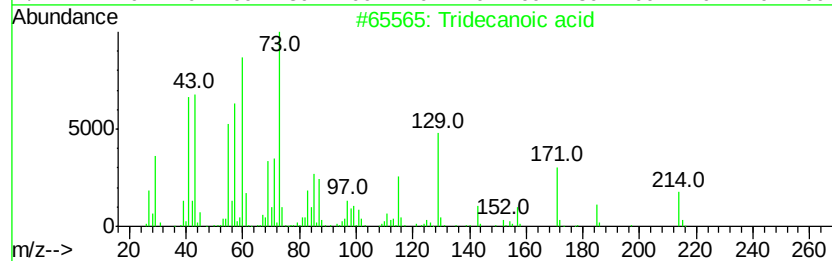
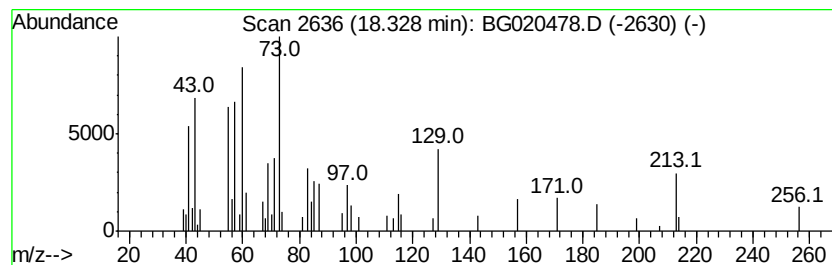
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.56 ng/ul	36187	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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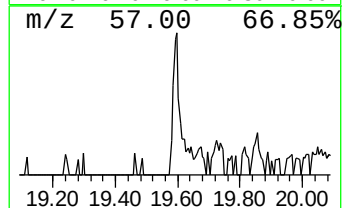
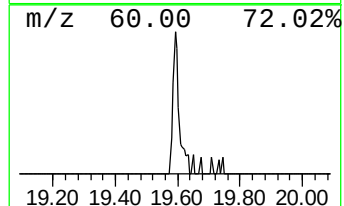
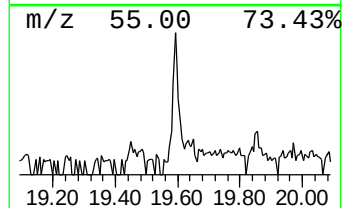
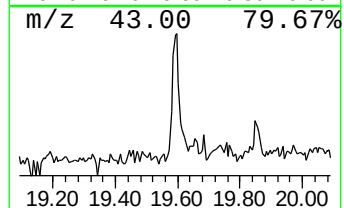
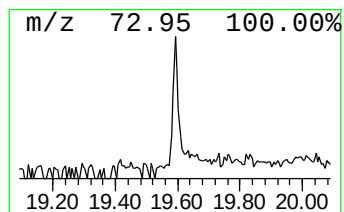
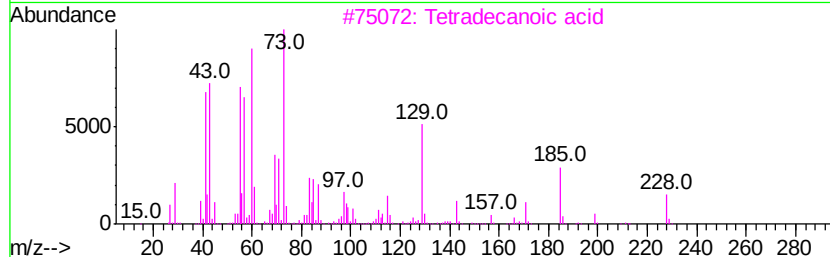
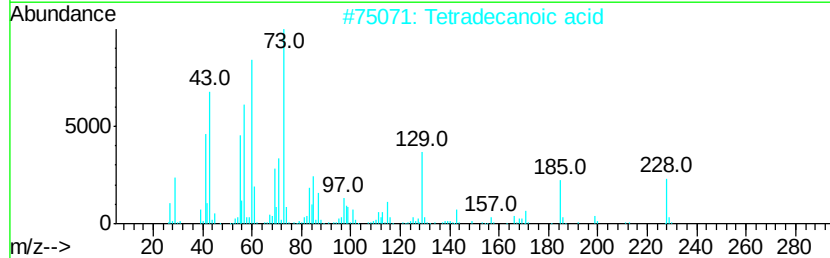
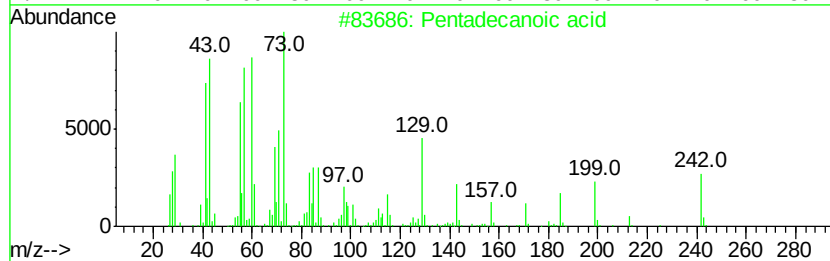
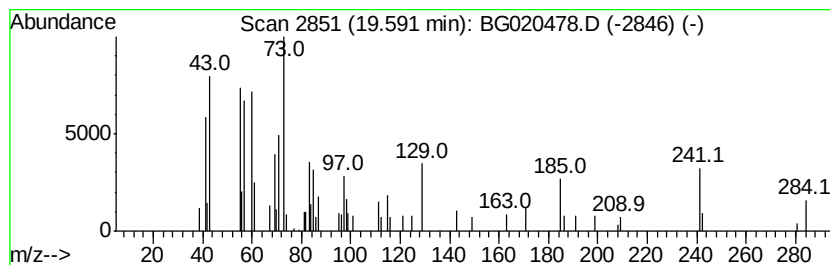
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.45 ng/ul	34588	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020478.D
Acq On : 24 Dec 2015 18:28
Operator : UM/SJ
Sample : G4803-12RX
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04C0RX

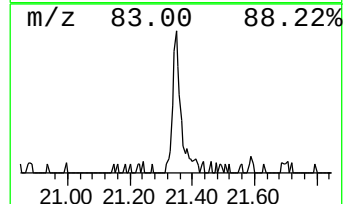
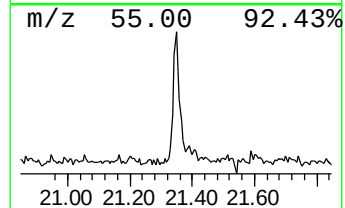
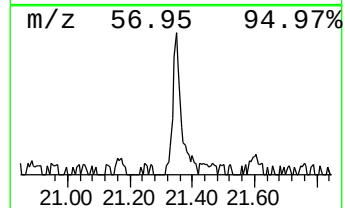
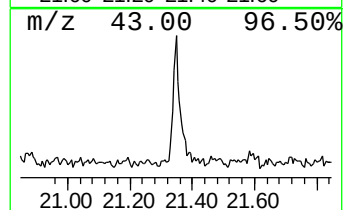
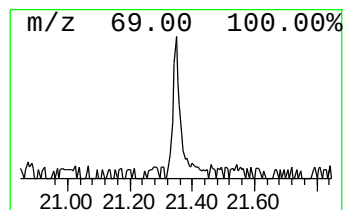
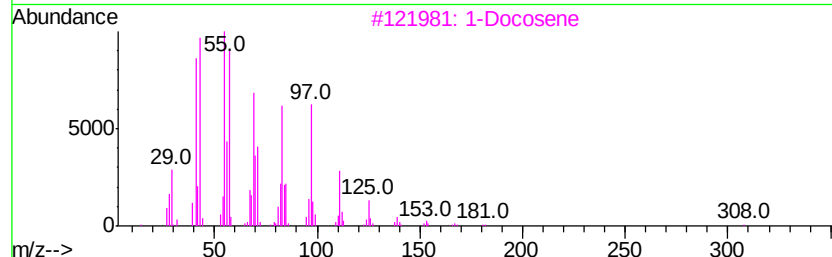
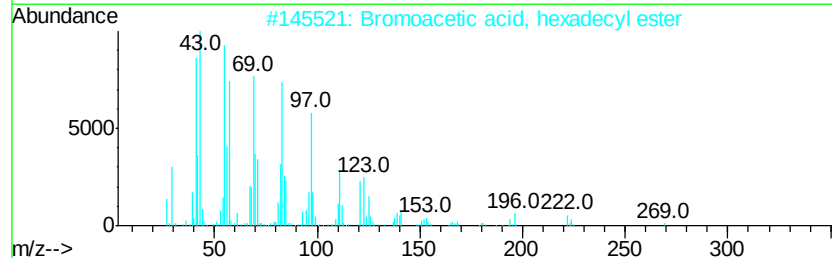
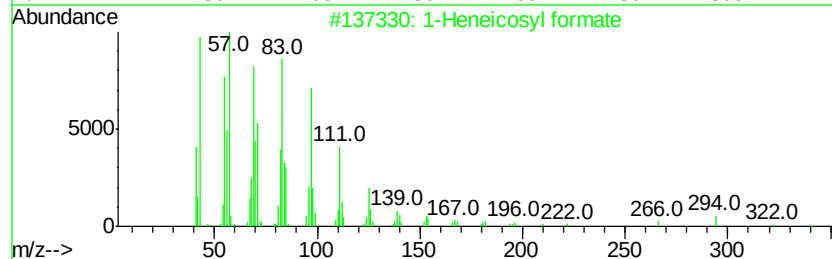
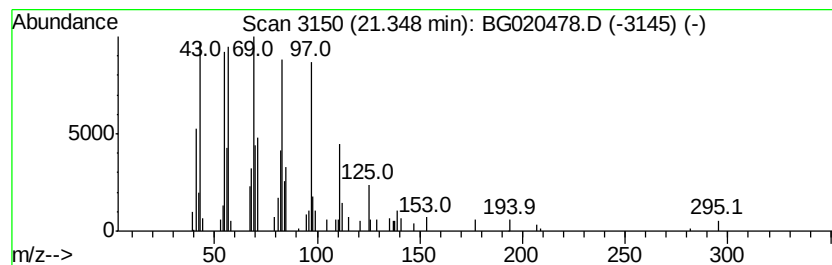
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.80 ng/ul	57586	Chrysene-d12	21.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
3		1-Docosene	308	C22H44	001599-67-3	76
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
5		1-Eicosanol	298	C20H42O	000629-96-9	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122415\
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Sample : G4803-12RX
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04C0RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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	10.6	ng/ul	48330	1	8.07	91122	20.0
Tridecanoic acid	18.33	2.6	ng/ul	36187	4	17.46	282295	20.0
Pentadecanoic acid	19.59	2.5	ng/ul	34588	4	17.46	282295	20.0
1-Heneicosyl formate	21.35	2.8	ng/ul	57586	5	21.73	411652	20.0