

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028468.D
 Acq On : 24 Aug 2017 20:07
 Operator : SJ/JU
 Sample : I4840-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AM6

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	3.818	34	39	46	rVB4	12053	19779	1.16%	0.119%
2	3.871	46	48	52	rVB4	2146	2694	0.16%	0.016%
3	4.077	77	83	90	rBV2	19753	38049	2.23%	0.229%
4	4.576	167	168	175	rVB4	1482	2655	0.16%	0.016%
5	4.770	200	201	206	rBV	2357	3429	0.20%	0.021%
6	4.899	216	223	226	rBV7	3370	6813	0.40%	0.041%
7	5.434	310	314	317	rBV5	2684	3794	0.22%	0.023%
8	5.457	317	318	322	rVB3	2528	2765	0.16%	0.017%
9	5.504	324	326	335	rBV4	1551	3607	0.21%	0.022%
10	5.927	392	398	399	rBV3	1541	2876	0.17%	0.017%
11	6.010	403	412	415	rBV5	2327	4847	0.28%	0.029%
12	6.250	448	453	454	rVB4	1926	2669	0.16%	0.016%
13	6.403	472	479	487	rBV6	2622	6408	0.38%	0.039%
14	6.544	500	503	511	rVB4	2063	3519	0.21%	0.021%
15	6.609	511	514	519	rBV4	1794	3044	0.18%	0.018%
16	6.785	541	544	549	rBV2	1929	2878	0.17%	0.017%
17	6.973	570	576	579	rBV3	2295	4278	0.25%	0.026%
18	7.326	631	636	644	rBV4	1994	3646	0.21%	0.022%
19	7.490	654	664	679	rBV	206757	431139	25.25%	2.595%
20	7.649	685	691	702	rBV	136390	237405	13.91%	1.429%
21	7.743	705	707	715	rVB6	2065	3803	0.22%	0.023%
22	7.872	721	729	740	rBV	184953	331621	19.42%	1.996%
23	8.125	768	772	776	rVB4	1854	2613	0.15%	0.016%
24	8.336	799	808	817	rBV2	122154	213618	12.51%	1.286%
25	8.489	830	834	840	rVB4	2089	3898	0.23%	0.023%
26	8.695	864	869	874	rBV3	1894	4834	0.28%	0.029%
27	9.035	919	927	939	rBV	251905	469249	27.49%	2.824%
28	9.505	999	1007	1017	rBV	195995	365610	21.41%	2.200%
29	9.635	1023	1029	1037	rVB4	8938	19068	1.12%	0.115%
30	9.870	1065	1069	1071	rBV3	2367	2593	0.15%	0.016%
31	10.228	1120	1130	1146	rBV	170855	328880	19.26%	1.979%
32	10.375	1150	1155	1157	rVB	1736	2629	0.15%	0.016%
33	10.775	1213	1223	1238	rBV	248433	488249	28.60%	2.939%
34	10.916	1242	1247	1254	rBV4	2415	5463	0.32%	0.033%

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35	11.156	1280	1288	1296	rVB	174313	321862	18.85%	1.937%
36	11.286	1302	1310	1327	rBV	257916	522575	30.61%	3.145%
37	11.427	1332	1334	1343	rVB2	1873	4220	0.25%	0.025%
38	11.844	1402	1405	1411	rVB3	1801	3336	0.20%	0.020%
39	11.926	1415	1419	1422	rVB2	2860	3149	0.18%	0.019%
40	12.302	1480	1483	1491	rBV4	6106	10517	0.62%	0.063%
41	12.602	1529	1534	1539	rVB3	5186	7802	0.46%	0.047%
42	12.655	1539	1543	1549	rVB5	2118	3842	0.23%	0.023%
43	12.719	1549	1554	1560	rBV5	4295	8065	0.47%	0.049%
44	13.536	1686	1693	1698	rBV2	3967	7896	0.46%	0.048%
45	13.736	1720	1727	1734	rBV4	3047	4717	0.28%	0.028%
46	13.806	1736	1739	1746	rBV4	2862	5117	0.30%	0.031%
47	14.129	1791	1794	1799	rVB3	2283	2823	0.17%	0.017%
48	14.335	1820	1829	1834	rBV	569750	855235	50.09%	5.147%
49	14.382	1834	1837	1845	rVB	226016	307012	17.98%	1.848%
50	14.458	1848	1850	1853	rBV2	1890	2551	0.15%	0.015%
51	14.552	1862	1866	1872	rBV4	1717	3848	0.23%	0.023%
52	14.641	1872	1881	1889	rVV	523899	887269	51.97%	5.340%
53	14.799	1904	1908	1913	rVB4	4822	8556	0.50%	0.051%
54	14.946	1924	1933	1947	rVB2	299884	502040	29.41%	3.022%
55	15.146	1957	1967	1990	rBV2	207389	447753	26.23%	2.695%
56	15.299	1990	1993	1995	rBV4	2116	2841	0.17%	0.017%
57	15.334	1995	1999	2000	rVV4	2077	2944	0.17%	0.018%
58	15.416	2008	2013	2017	rVB4	3670	6085	0.36%	0.037%
59	15.487	2021	2025	2029	rVB3	2611	3561	0.21%	0.021%
60	15.716	2056	2064	2065	rBV3	3154	4788	0.28%	0.029%
61	15.745	2065	2069	2076	rVB3	14436	20501	1.20%	0.123%
62	15.810	2076	2080	2083	rBV5	2185	3770	0.22%	0.023%
63	15.939	2094	2102	2113	rVB	771629	1208232	70.77%	7.272%
64	16.057	2113	2122	2131	rBV	292762	457695	26.81%	2.755%
65	16.139	2133	2136	2138	rBV4	3244	3955	0.23%	0.024%
66	16.174	2138	2142	2149	rVB6	10071	18030	1.06%	0.109%
67	16.250	2152	2155	2158	rVB3	3437	2814	0.16%	0.017%
68	16.303	2161	2164	2170	rBV4	4179	6704	0.39%	0.040%
69	16.368	2171	2175	2181	rVB5	2935	6130	0.36%	0.037%
70	16.468	2191	2192	2198	rBV3	2501	3611	0.21%	0.022%
71	16.609	2210	2216	2225	rBV4	20486	39592	2.32%	0.238%

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72	16.856	2255	2258	2260	rBV3	2279	2552	0.15%	0.015%
73	16.897	2260	2265	2267	rVV3	2814	4894	0.29%	0.029%
74	16.950	2271	2274	2279	rBV6	3759	5389	0.32%	0.032%
75	17.061	2288	2293	2298	rBV5	6941	13362	0.78%	0.080%
76	17.191	2310	2315	2318	rBV4	3937	6732	0.39%	0.041%
77	17.402	2346	2351	2355	rBV4	17083	25284	1.48%	0.152%
78	17.443	2356	2358	2364	rVV6	2575	4792	0.28%	0.029%
79	17.696	2393	2401	2411	rBV2	426714	676807	39.64%	4.073%
80	17.796	2411	2418	2428	rBV	899305	1393312	81.61%	8.386%
81	17.948	2439	2444	2446	rVB4	3679	5377	0.31%	0.032%
82	18.142	2473	2477	2481	rBV5	5901	9433	0.55%	0.057%
83	18.336	2504	2510	2513	rBV6	3925	8206	0.48%	0.049%
84	18.542	2539	2545	2555	rBV	139535	228663	13.39%	1.376%
85	18.677	2567	2568	2574	rVB6	4057	7228	0.42%	0.044%
86	18.753	2578	2581	2583	rVB4	4533	4591	0.27%	0.028%
87	18.918	2606	2609	2610	rBV2	4228	4138	0.24%	0.025%
88	19.071	2634	2635	2642	rVB6	4267	6323	0.37%	0.038%
89	19.200	2655	2657	2660	rBV3	5601	6067	0.36%	0.037%
90	19.259	2665	2667	2668	rBV2	3654	2913	0.17%	0.018%
91	19.705	2733	2743	2748	rBV4	16703	40274	2.36%	0.242%
92	19.799	2754	2759	2768	rBV2	62703	110616	6.48%	0.666%
93	19.958	2782	2786	2792	rVB6	16852	25312	1.48%	0.152%
94	20.070	2798	2805	2813	rBV	1124980	1702318	99.71%	10.246%
95	21.057	2970	2973	2976	rBV4	11615	15565	0.91%	0.094%
96	21.597	3061	3065	3075	rBV10	33985	78837	4.62%	0.474%
97	22.026	3131	3138	3148	rVB	474630	842937	49.37%	5.073%
98	23.783	3432	3437	3444	rVB4	47780	104800	6.14%	0.631%
99	25.293	3682	3694	3715	rBV2	563989	1707289	100.00%	10.276%
100	25.534	3725	3735	3750	rVB2	247343	831153	48.68%	5.002%

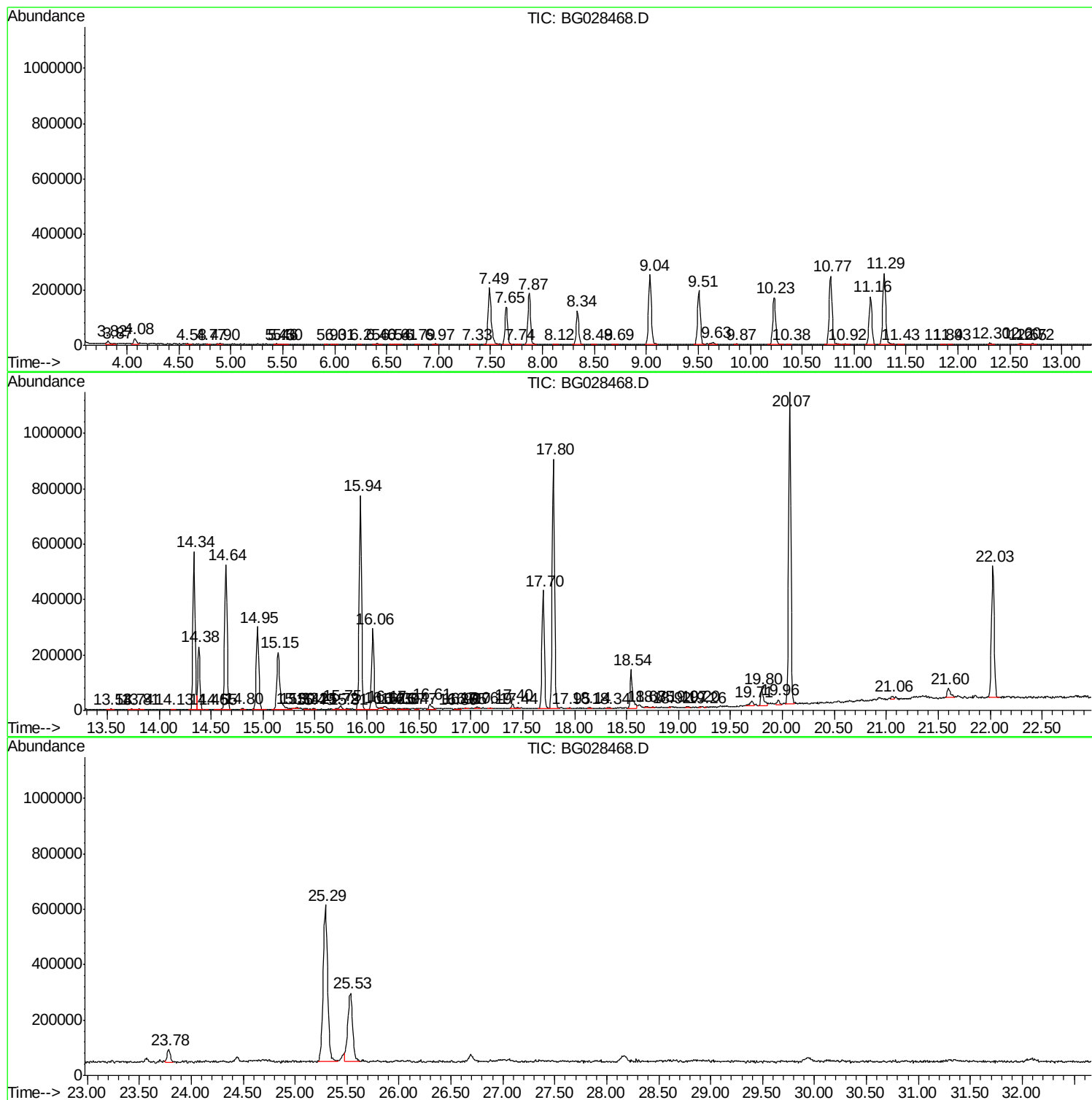
Sum of corrected areas: 16615024

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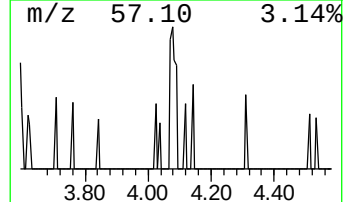
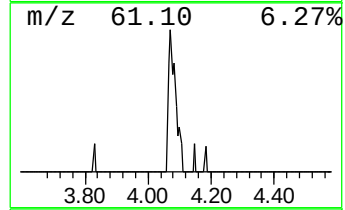
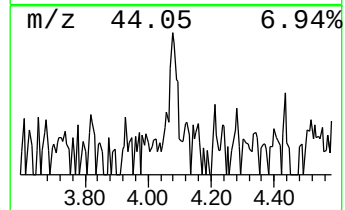
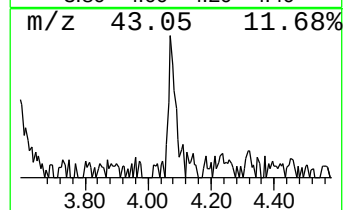
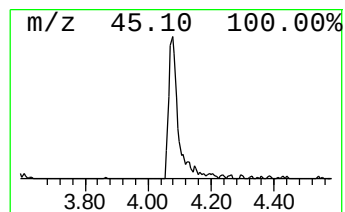
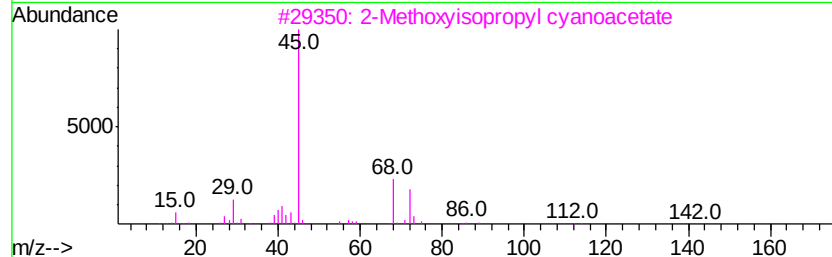
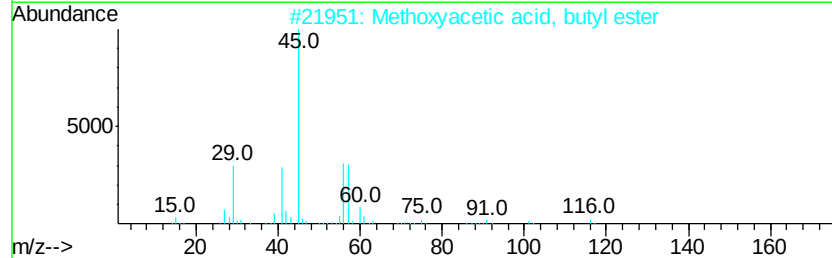
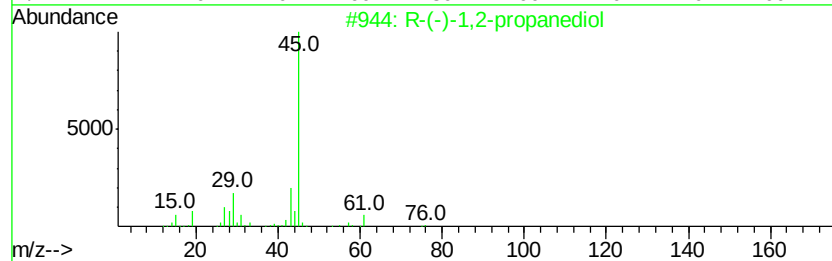
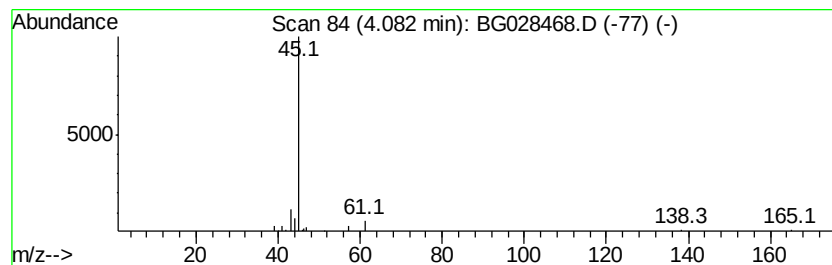
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	3.56 ng/ul	38049	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
2		Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	39
3		2-Methoxyisopropyl cyanoacetate	157	C7H11NO3	032804-79-8	39
4		2-Heptanol	116	C7H16O	000543-49-7	9
5		2-Hexanol, (S)-	102	C6H14O	052019-78-0	9



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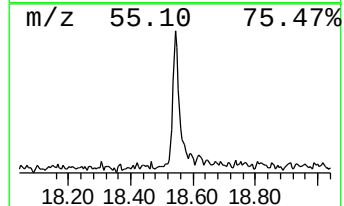
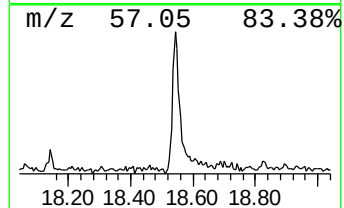
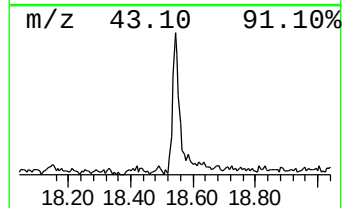
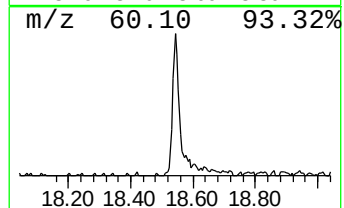
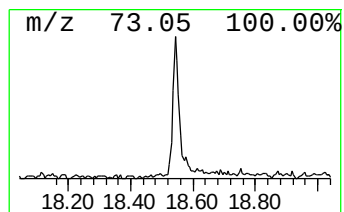
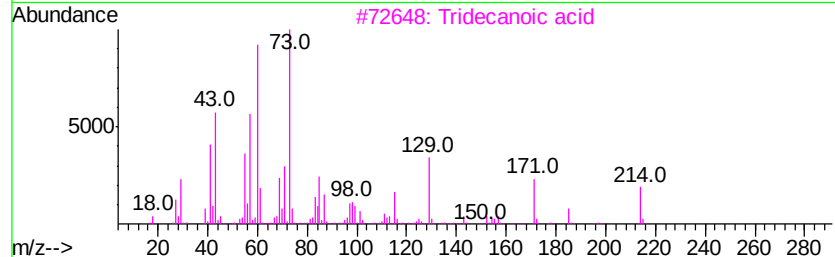
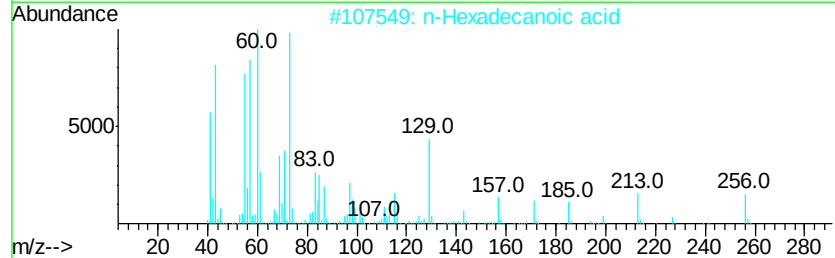
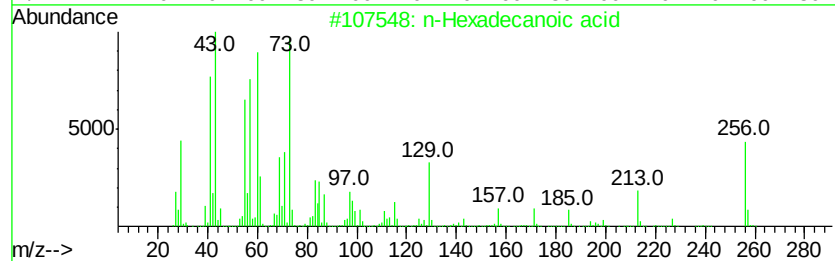
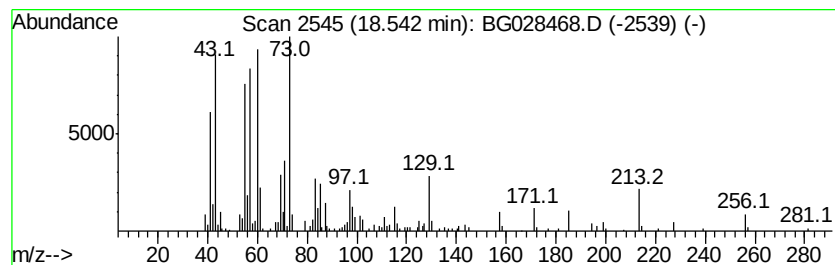
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.54	6.76 ng/ul	228663	Phenanthrene-d10	17.70		
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	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



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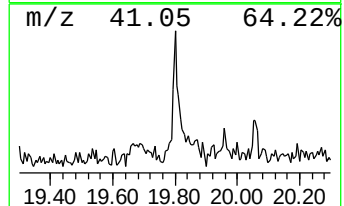
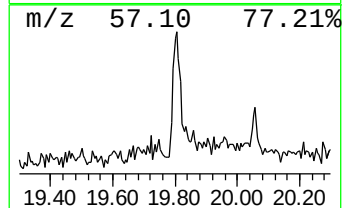
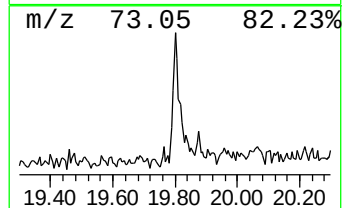
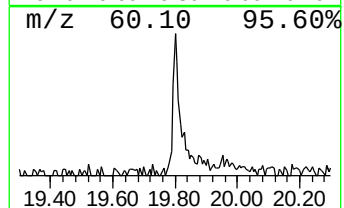
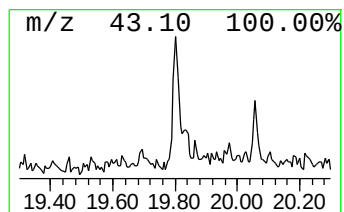
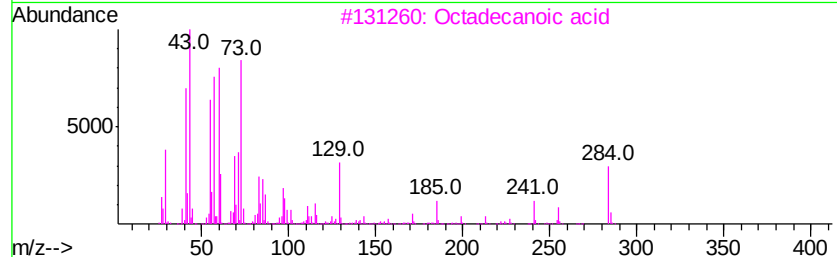
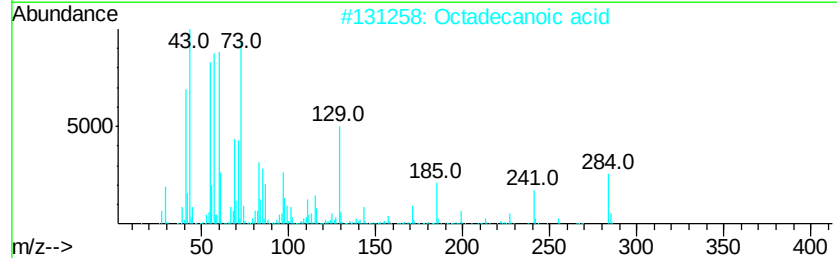
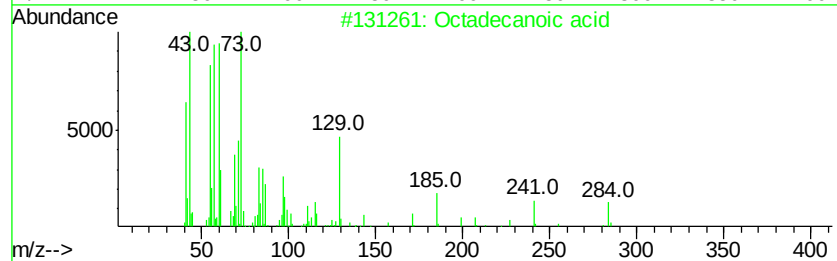
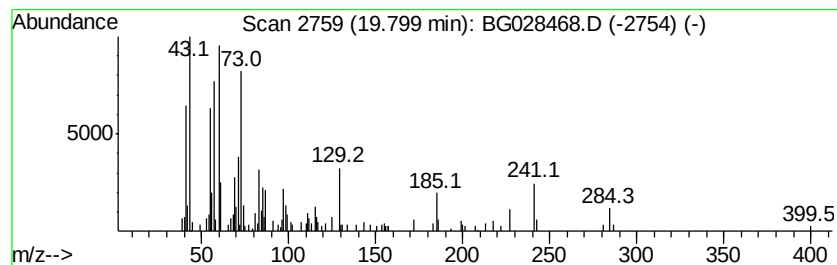
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.80	3.27 ng/ul	110616	Phenanthrene-d10		17.70		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	96
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



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Misc :
ALS Vial : 15 Sample Multiplier: 1

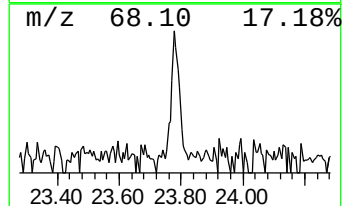
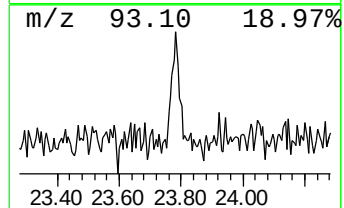
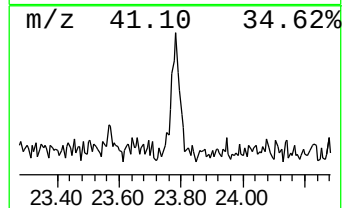
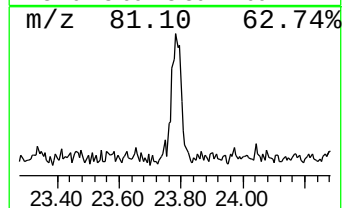
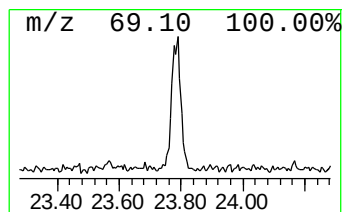
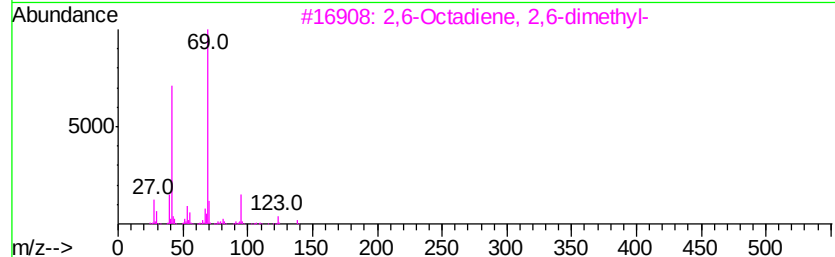
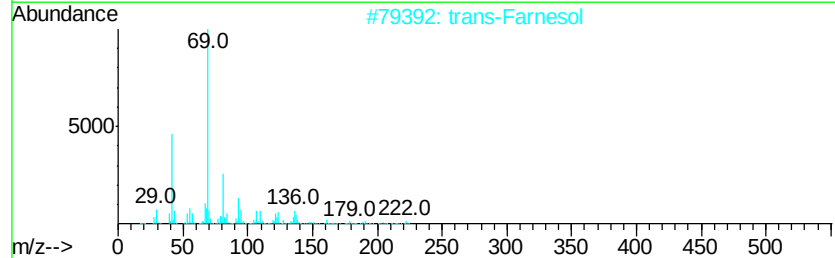
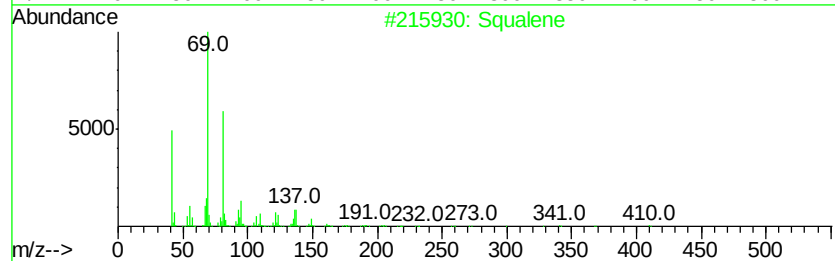
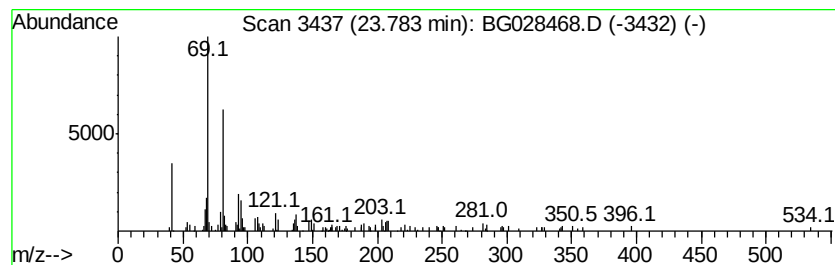
Instrument :
BNA_G
ClientSampleId :
B0AM6

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 4 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	2.52 ng/ul	104800	Perylene-d12	25.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	59
2	trans-Farnesol	222 C15H26O	000106-28-5	53
3	2,6-Octadiene, 2,6-dimethyl-	138 C10H18	002792-39-4	53
4	Squalene	410 C30H50	000111-02-4	45
5	Squalene	410 C30H50	000111-02-4	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082417\
Data File : BG028468.D
Acq On : 24 Aug 2017 20:07
Operator : SJ/JU
Sample : I4840-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AM6

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
unknown-01	4.08	3.6	ng/ul	38049	1	8.34	213618	20.0
n-Hexadecanoic acid	18.54	6.8	ng/ul	228663	4	17.70	676807	20.0
Octadecanoic acid	19.80	3.3	ng/ul	110616	4	17.70	676807	20.0
Squalene	23.78	2.5	ng/ul	104800	6	25.53	831153	20.0