

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028475.D
 Acq On : 25 Aug 2017 00:44
 Operator : SJ/JU
 Sample : I4840-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN6

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	3.819	35	39	45	rVB5	8517	13022	0.81%	0.084%
2	4.084	80	84	93	rBV5	4063	7908	0.49%	0.051%
3	4.172	96	99	103	rVB4	2037	3532	0.22%	0.023%
4	4.231	103	109	118	rBV6	4904	10979	0.68%	0.071%
5	4.325	118	125	132	rVV5	14673	26642	1.65%	0.173%
6	4.383	132	135	141	rVV5	3258	6251	0.39%	0.041%
7	4.448	141	146	151	rVB5	2379	4707	0.29%	0.030%
8	4.906	219	224	228	rVB4	3275	4886	0.30%	0.032%
9	5.088	252	255	261	rVB5	3070	4211	0.26%	0.027%
10	5.435	309	314	322	rBV6	5234	9348	0.58%	0.061%
11	5.541	326	332	335	rBV4	3198	5400	0.33%	0.035%
12	6.029	410	415	419	rBV2	1954	3507	0.22%	0.023%
13	6.405	474	479	486	rBV5	1921	5093	0.32%	0.033%
14	6.546	496	503	506	rVB4	2444	4718	0.29%	0.031%
15	6.980	570	577	582	rBV3	2149	5138	0.32%	0.033%
16	7.492	655	664	678	rBV	151445	303076	18.78%	1.964%
17	7.650	684	691	703	rBV	106584	185787	11.51%	1.204%
18	7.868	720	728	741	rBV	138760	258687	16.03%	1.676%
19	8.132	769	773	778	rBV3	3508	3966	0.25%	0.026%
20	8.338	800	808	819	rVB	132996	236140	14.63%	1.530%
21	9.031	917	926	940	rBV	142544	281015	17.41%	1.821%
22	9.166	945	949	954	rVB3	2699	5445	0.34%	0.035%
23	9.501	996	1006	1016	rBV	148508	285222	17.67%	1.848%
24	9.601	1016	1023	1026	rBV4	4066	8664	0.54%	0.056%
25	9.642	1026	1030	1034	rVB6	2531	4092	0.25%	0.027%
26	10.053	1091	1100	1102	rBV3	1575	4015	0.25%	0.026%
27	10.230	1118	1130	1142	rVB2	128520	246766	15.29%	1.599%
28	10.776	1214	1223	1241	rVB	178281	357125	22.12%	2.314%
29	11.152	1279	1287	1297	rBV	182395	353112	21.88%	2.288%
30	11.293	1301	1311	1324	rBV	92219	195084	12.09%	1.264%
31	12.304	1478	1483	1487	rBV4	3474	5982	0.37%	0.039%
32	12.597	1525	1533	1540	rVB4	3899	7575	0.47%	0.049%
33	12.721	1549	1554	1560	rBV5	3893	7150	0.44%	0.046%
34	13.291	1648	1651	1657	rVB3	2994	4562	0.28%	0.030%

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35	13.532	1688	1692	1698	rBV4	6787	10244	0.63%	0.066%
36	14.336	1821	1829	1833	rBV	400142	602403	37.32%	3.903%
37	14.383	1833	1837	1843	rVB	185395	270571	16.76%	1.753%
38	14.642	1872	1881	1890	rVB	398981	652483	40.42%	4.228%
39	14.806	1903	1909	1913	rVB4	3527	6512	0.40%	0.042%
40	14.948	1924	1933	1940	rBV2	326388	546174	33.84%	3.539%
41	15.006	1940	1943	1950	rVB2	10047	14505	0.90%	0.094%
42	15.147	1959	1967	1979	rBV2	130321	287063	17.78%	1.860%
43	15.294	1988	1992	1994	rBV5	3707	5298	0.33%	0.034%
44	15.341	1994	2000	2008	rVB8	19803	40381	2.50%	0.262%
45	15.700	2057	2061	2064	rBV3	5336	5910	0.37%	0.038%
46	15.747	2064	2069	2075	rVB4	10475	15459	0.96%	0.100%
47	15.935	2093	2101	2108	rBV	572215	894329	55.41%	5.795%
48	15.993	2108	2111	2115	rVV4	10513	14474	0.90%	0.094%
49	16.052	2115	2121	2133	rVV	202118	338250	20.96%	2.192%
50	16.164	2133	2140	2149	rVB7	8400	22098	1.37%	0.143%
51	16.305	2157	2164	2169	rVB7	3850	9056	0.56%	0.059%
52	16.604	2210	2215	2224	rBV2	13055	27860	1.73%	0.181%
53	16.663	2224	2225	2231	rVB4	2260	3811	0.24%	0.025%
54	16.798	2243	2248	2253	rVB8	4199	8168	0.51%	0.053%
55	16.904	2258	2266	2267	rBV6	2884	6100	0.38%	0.040%
56	16.951	2270	2274	2275	rBV4	2831	3543	0.22%	0.023%
57	17.057	2286	2292	2297	rBV5	4421	10088	0.62%	0.065%
58	17.210	2310	2318	2323	rBV5	15481	25246	1.56%	0.164%
59	17.403	2347	2351	2355	rBV5	12149	17394	1.08%	0.113%
60	17.445	2355	2358	2362	rVV5	6776	11340	0.70%	0.073%
61	17.480	2362	2364	2367	rVV2	4074	5621	0.35%	0.036%
62	17.521	2367	2371	2375	rVV3	5270	9241	0.57%	0.060%
63	17.562	2375	2378	2382	rVB4	4522	6555	0.41%	0.042%
64	17.697	2394	2401	2405	rBV	487233	755978	46.83%	4.898%
65	17.738	2405	2408	2412	rVV	108145	157657	9.77%	1.022%
66	17.797	2412	2418	2428	rVB	630939	1030538	63.84%	6.677%
67	17.944	2439	2443	2446	rBV4	5478	6736	0.42%	0.044%
68	18.026	2452	2457	2459	rBV5	3713	6080	0.38%	0.039%
69	18.097	2460	2469	2474	rVV2	15474	35961	2.23%	0.233%
70	18.144	2474	2477	2481	rVB4	6465	9806	0.61%	0.064%
71	18.432	2523	2526	2530	rBV5	3666	4495	0.28%	0.029%

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72	18.543	2540	2545	2554	rBV5	100993	187599	11.62%	1.216%
73	18.614	2554	2557	2565	rVV4	31113	55051	3.41%	0.357%
74	18.696	2565	2571	2575	rVB9	10494	22042	1.37%	0.143%
75	18.761	2577	2582	2592	rBV4	21635	55646	3.45%	0.361%
76	18.866	2598	2600	2603	rVB2	5075	5008	0.31%	0.032%
77	18.925	2603	2610	2612	rBV8	11145	23414	1.45%	0.152%
78	19.054	2628	2632	2638	rBV5	11188	20001	1.24%	0.130%
79	19.107	2639	2641	2647	rVB7	4875	6146	0.38%	0.040%
80	19.348	2678	2682	2685	rVB6	4425	6688	0.41%	0.043%
81	19.395	2688	2690	2694	rVB5	8051	8961	0.56%	0.058%
82	19.460	2697	2701	2706	rBV7	9517	17958	1.11%	0.116%
83	19.554	2711	2717	2721	rVB8	7370	12497	0.77%	0.081%
84	19.624	2722	2729	2733	rBV8	8291	19336	1.20%	0.125%
85	19.736	2738	2748	2753	rVB	229887	332703	20.61%	2.156%
86	19.801	2754	2759	2772	rVB5	68995	117248	7.26%	0.760%
87	20.071	2798	2805	2816	rBV2	860752	1614141	100.00%	10.459%
88	20.165	2817	2821	2825	rVB5	11682	17174	1.06%	0.111%
89	20.271	2835	2839	2844	rVB	15411	25477	1.58%	0.165%
90	20.423	2858	2865	2869	rBV6	19353	42760	2.65%	0.277%
91	20.582	2882	2892	2898	rVB2	53272	107429	6.66%	0.696%
92	20.682	2904	2909	2913	rBV2	49032	76079	4.71%	0.493%
93	21.052	2970	2972	2977	rVB3	17159	19409	1.20%	0.126%
94	21.675	3074	3078	3084	rBV6	24042	41336	2.56%	0.268%
95	22.027	3127	3138	3143	rBV2	554938	1228693	76.12%	7.961%
96	22.074	3143	3146	3153	rVB	115957	184704	11.44%	1.197%
97	24.407	3535	3543	3551	rBV2	79016	302340	18.73%	1.959%
98	25.200	3671	3678	3683	rBV2	37161	105793	6.55%	0.685%
99	25.282	3683	3692	3701	rVV2	390138	1135453	70.34%	7.357%
100	25.529	3719	3734	3745	rBV2	273248	896421	55.54%	5.808%

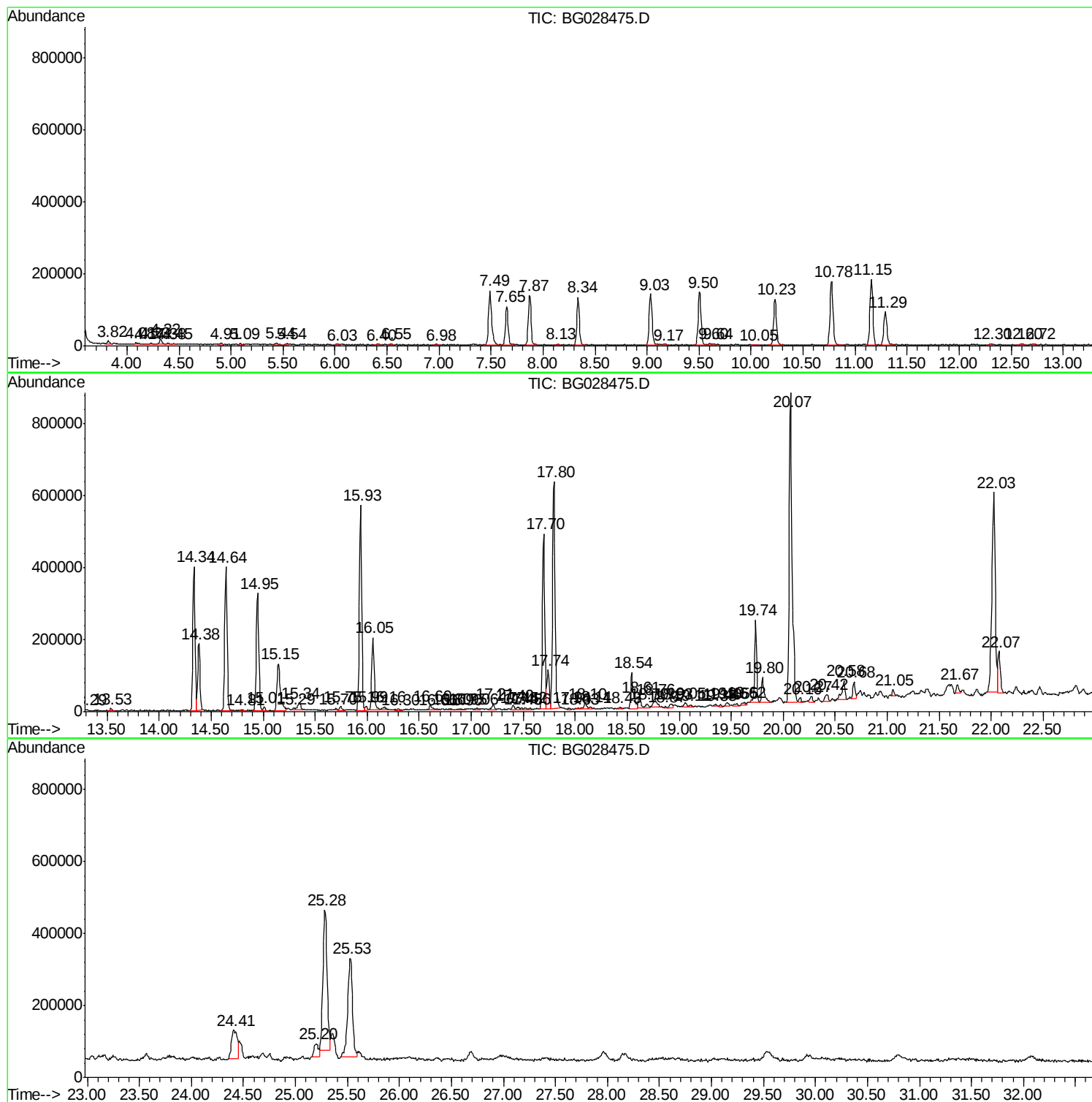
Sum of corrected areas: 15433742

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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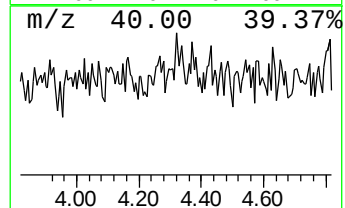
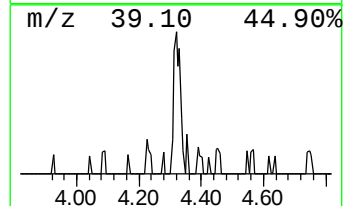
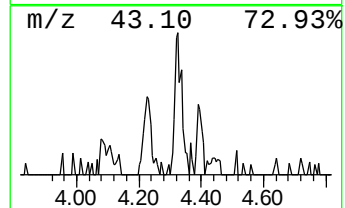
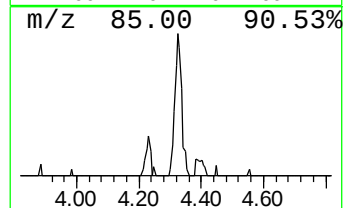
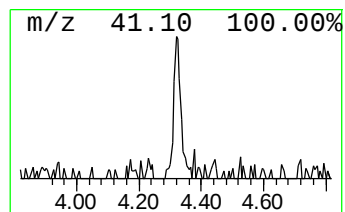
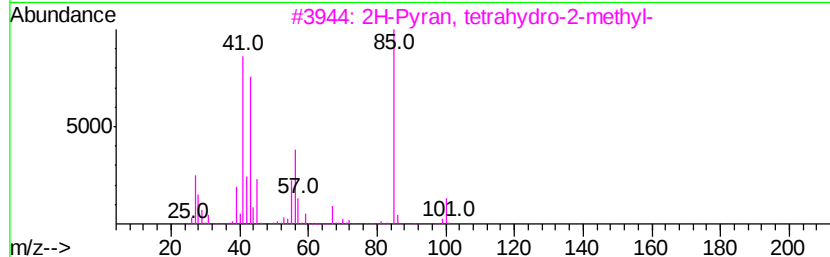
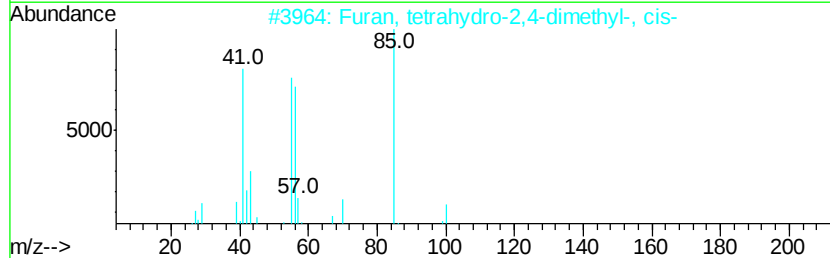
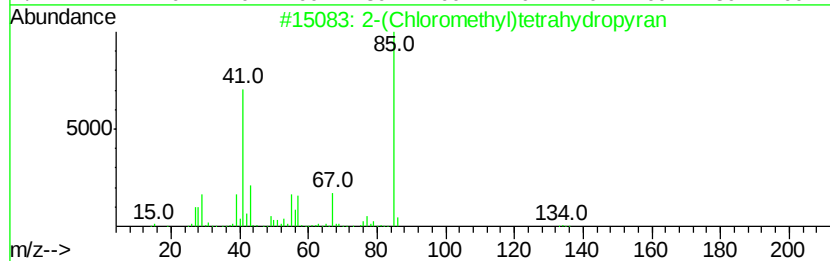
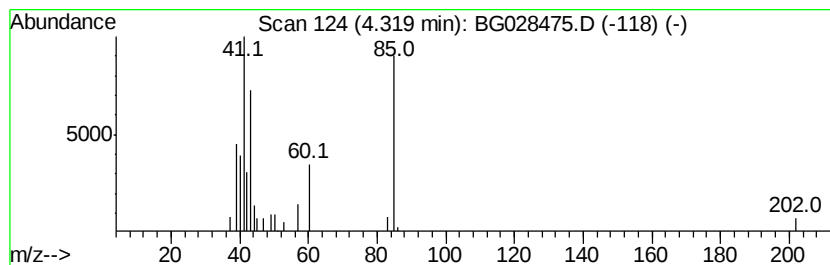
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	2.26 ng/ul	26642	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	42
2		Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	36
3		2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	36
4		Methacrylamide	85	C4H7NO	000079-39-0	9
5		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9



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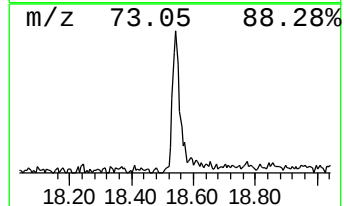
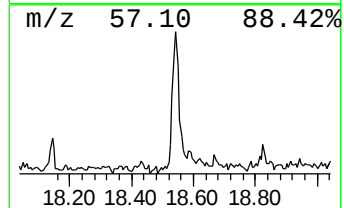
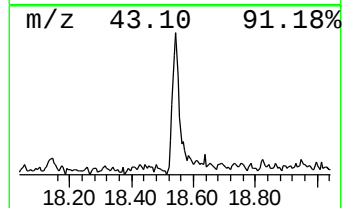
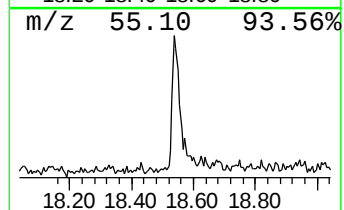
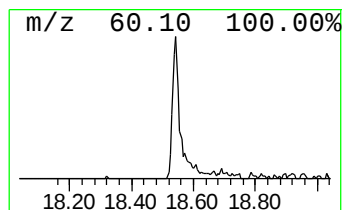
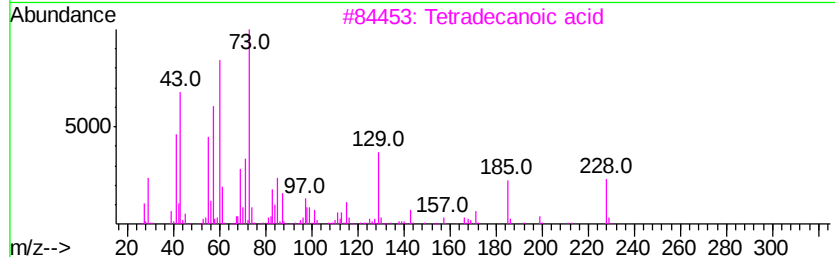
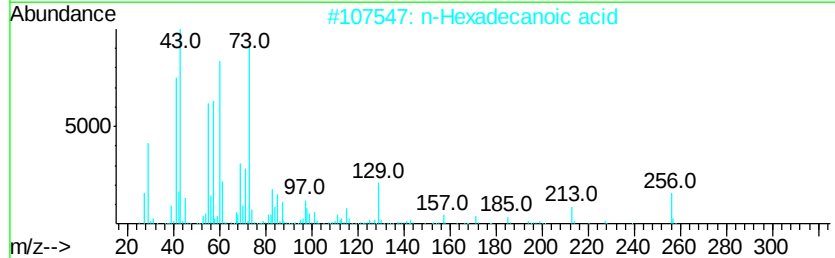
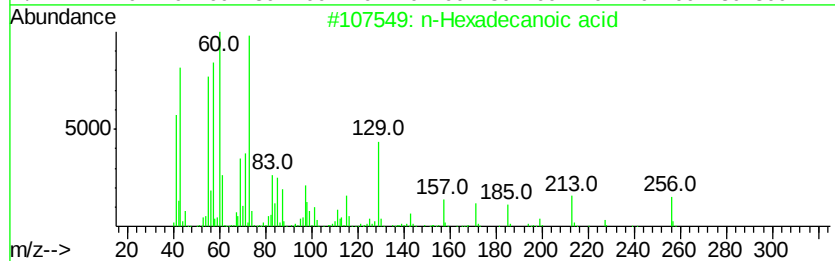
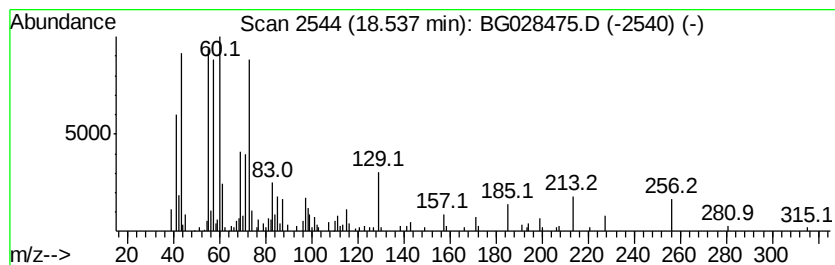
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	4.96 ng/ul	187599	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5			Tridecanoic acid	214	C13H26O2	000638-53-9	86



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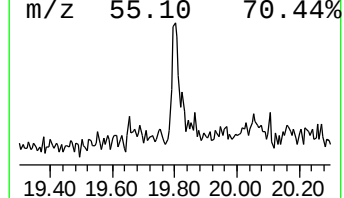
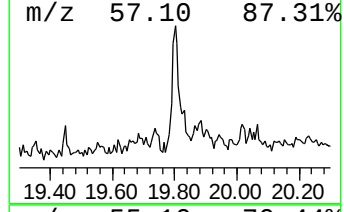
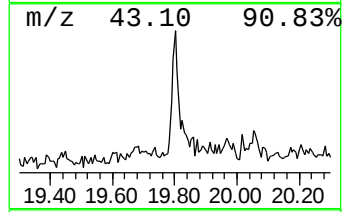
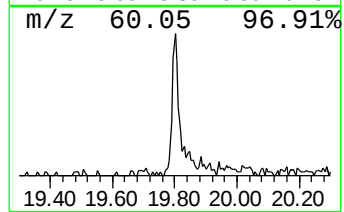
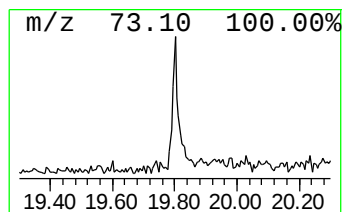
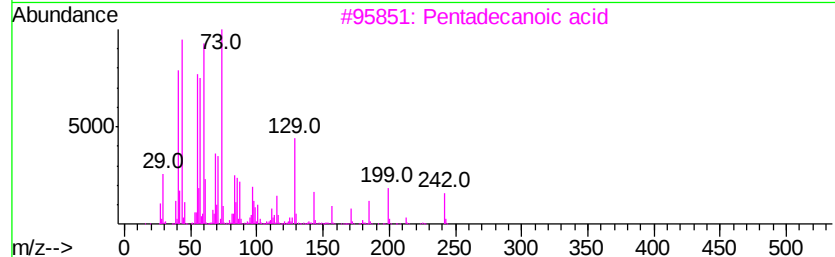
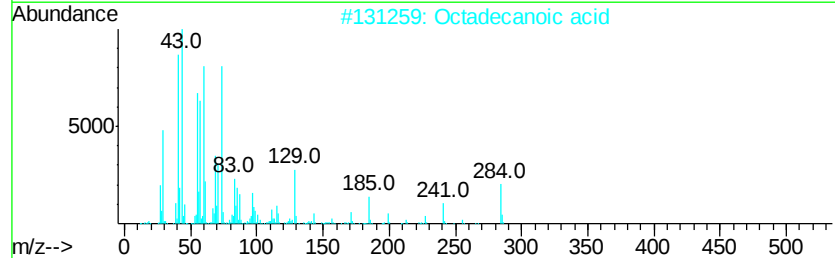
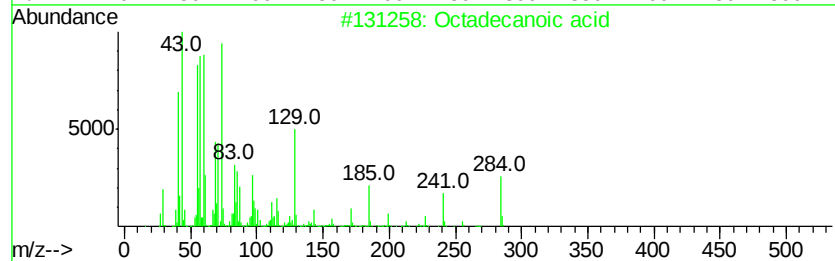
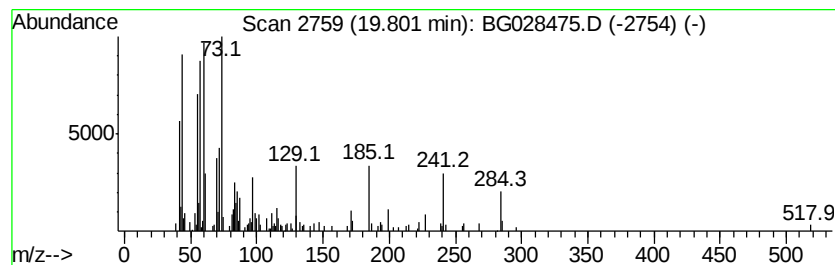
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.10 ng/ul	117248	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082417\
Data File : BG028475.D
Acq On : 25 Aug 2017 00:44
Operator : SJ/JU
Sample : I4840-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AN6

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	4.32	2.3	ng/ul	26642	1	8.34	236140	20.0
n-Hexadecanoic acid	18.54	5.0	ng/ul	187599	4	17.70	755978	20.0
Octadecanoic acid	19.80	3.1	ng/ul	117248	4	17.70	755978	20.0