

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028272.D
 Acq On : 10 Aug 2017 23:59
 Operator : SJ/JU
 Sample : I4529-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

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	3.841	39	43	54	rVB2	15855	27431	1.21%	0.127%
2	4.129	87	92	98	rVB5	1826	4031	0.18%	0.019%
3	4.252	109	113	118	rBV5	3233	5194	0.23%	0.024%
4	4.346	124	129	137	rVB3	12539	20414	0.90%	0.094%
5	4.417	137	141	146	rVB3	2982	4043	0.18%	0.019%
6	5.104	256	258	265	rVB4	2714	3876	0.17%	0.018%
7	5.469	314	320	328	rVB3	13065	22266	0.98%	0.103%
8	5.551	330	334	340	rVB4	2456	4602	0.20%	0.021%
9	6.438	481	485	490	rBV5	3984	4424	0.19%	0.020%
10	6.567	501	507	511	rVB2	2275	4498	0.20%	0.021%
11	7.501	656	666	678	rBV	265862	540440	23.81%	2.495%
12	7.666	684	694	706	rBV	196422	344831	15.19%	1.592%
13	7.883	723	731	747	rBV	249006	466493	20.55%	2.154%
14	8.353	803	811	823	rVB	162788	291386	12.84%	1.345%
15	9.041	921	928	944	rBV	289363	547933	24.14%	2.530%
16	9.517	1002	1009	1024	rVB	258616	489844	21.58%	2.261%
17	9.899	1069	1074	1080	rVB3	1889	4003	0.18%	0.018%
18	10.245	1124	1133	1145	rBV	225753	421790	18.58%	1.947%
19	10.786	1212	1225	1242	rBV	344079	649394	28.61%	2.998%
20	11.174	1282	1291	1304	rVB	240683	460319	20.28%	2.125%
21	11.303	1304	1313	1330	rBV	258406	516375	22.75%	2.384%
22	12.331	1482	1488	1491	rBV3	2967	3926	0.17%	0.018%
23	12.613	1530	1536	1541	rBV4	4681	10240	0.45%	0.047%
24	12.731	1551	1556	1563	rBV4	4538	9883	0.44%	0.046%
25	14.346	1820	1831	1836	rBV	710663	1075061	47.37%	4.963%
26	14.393	1836	1839	1852	rVB	128158	177851	7.84%	0.821%
27	14.658	1875	1884	1896	rBV	696034	1147227	50.55%	5.296%
28	14.811	1904	1910	1915	rVB4	4575	6909	0.30%	0.032%
29	14.957	1927	1935	1943	rBV2	415724	669864	29.52%	3.092%
30	15.022	1943	1946	1951	rVB3	2869	3993	0.18%	0.018%
31	15.145	1958	1967	1985	rBV	205417	442094	19.48%	2.041%
32	15.304	1991	1994	1998	rVV6	3660	4363	0.19%	0.020%
33	15.357	1998	2003	2010	rVB5	14877	26791	1.18%	0.124%
34	15.756	2067	2071	2077	rVB2	14580	19307	0.85%	0.089%

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35	15.821	2077	2082	2087	rVB3	2313	4156	0.18%	0.019%
36	15.944	2096	2103	2111	rBV	993308	1557461	68.62%	7.190%
37	16.056	2116	2122	2135	rBV	349880	538082	23.71%	2.484%
38	16.180	2135	2143	2152	rVB5	13373	31262	1.38%	0.144%
39	16.262	2152	2157	2160	rBV5	3266	4286	0.19%	0.020%
40	16.321	2164	2167	2174	rVB4	3547	6052	0.27%	0.028%
41	16.385	2174	2178	2182	rVB2	3786	5630	0.25%	0.026%
42	16.620	2213	2218	2230	rBV5	21030	52036	2.29%	0.240%
43	16.973	2272	2278	2279	rBV4	4178	7393	0.33%	0.034%
44	17.078	2294	2296	2302	rVB6	3485	5424	0.24%	0.025%
45	17.225	2314	2321	2326	rVB2	16703	28241	1.24%	0.130%
46	17.360	2340	2344	2350	rVB4	3199	5316	0.23%	0.025%
47	17.419	2350	2354	2358	rBV3	10501	16731	0.74%	0.077%
48	17.707	2396	2403	2408	rBV	582215	894623	39.42%	4.130%
49	17.807	2414	2420	2430	rVB	1110432	1726944	76.09%	7.972%
50	18.077	2462	2466	2469	rBV3	4085	4815	0.21%	0.022%
51	18.113	2469	2472	2475	rVB2	4038	4429	0.20%	0.020%
52	18.160	2476	2480	2483	rVB3	3511	4628	0.20%	0.021%
53	18.348	2509	2512	2520	rVB3	3329	4519	0.20%	0.021%
54	18.436	2522	2527	2529	rBV3	2885	4103	0.18%	0.019%
55	18.559	2542	2548	2556	rBV3	45477	94393	4.16%	0.436%
56	18.624	2556	2559	2567	rVB4	11770	21793	0.96%	0.101%
57	18.776	2579	2585	2597	rVB5	11597	29746	1.31%	0.137%
58	18.882	2599	2603	2607	rVB4	5013	6076	0.27%	0.028%
59	18.935	2607	2612	2624	rVB6	11295	30307	1.34%	0.140%
60	19.070	2630	2635	2638	rVV5	5631	7142	0.31%	0.033%
61	19.111	2639	2642	2645	rVB4	5896	8236	0.36%	0.038%
62	19.317	2670	2677	2679	rBV6	4753	9176	0.40%	0.042%
63	19.417	2688	2694	2698	rBV6	4381	9707	0.43%	0.045%
64	19.482	2700	2705	2711	rBV8	5771	12287	0.54%	0.057%
65	19.628	2724	2730	2735	rBV7	7112	17169	0.76%	0.079%
66	19.746	2736	2750	2756	rVV	105334	193446	8.52%	0.893%
67	19.816	2756	2762	2769	rBV6	42371	78134	3.44%	0.361%
68	19.969	2784	2788	2795	rVB4	18900	33950	1.50%	0.157%
69	20.028	2795	2798	2800	rBV3	5580	5941	0.26%	0.027%
70	20.081	2800	2807	2818	rVB	1436513	2269569	100.00%	10.477%
71	20.175	2819	2823	2830	rVB6	6540	12350	0.54%	0.057%

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72	20.281	2838	2841	2845	rVB5	6082	6904	0.30%	0.032%
73	20.333	2849	2850	2854	rBV4	3629	4912	0.22%	0.023%
74	20.410	2861	2863	2866	rBV4	6568	8217	0.36%	0.038%
75	20.563	2886	2889	2890	rBV3	6286	5115	0.23%	0.024%
76	20.592	2890	2894	2899	rVB2	15114	24039	1.06%	0.111%
77	20.692	2907	2911	2916	rBV3	13351	16916	0.75%	0.078%
78	20.898	2942	2946	2949	rBV5	8214	8148	0.36%	0.038%
79	20.945	2950	2954	2965	rVB5	9819	24437	1.08%	0.113%
80	21.068	2971	2975	2979	rBV4	12639	14426	0.64%	0.067%
81	21.250	3005	3006	3011	rVB5	9380	12108	0.53%	0.056%
82	21.379	3018	3028	3040	rVB9	16116	62532	2.76%	0.289%
83	21.608	3062	3067	3075	rVB10	13403	37017	1.63%	0.171%
84	21.691	3076	3081	3085	rBV6	9080	18489	0.81%	0.085%
85	21.873	3110	3112	3121	rVB9	10433	19667	0.87%	0.091%
86	22.037	3130	3140	3146	rBV	589794	1120472	49.37%	5.173%
87	22.842	3271	3277	3284	rVB2	42630	79578	3.51%	0.367%
88	23.124	3321	3325	3326	rBV4	6123	7392	0.33%	0.034%
89	23.588	3400	3404	3413	rVB4	18955	39762	1.75%	0.184%
90	24.458	3537	3552	3564	rVB6	84537	289486	12.76%	1.336%
91	24.705	3589	3594	3607	rVB6	18461	69152	3.05%	0.319%
92	25.210	3674	3680	3683	rBV5	13666	31398	1.38%	0.145%
93	25.304	3683	3696	3716	rVB2	673235	2124787	93.62%	9.809%
94	25.539	3720	3736	3754	rBV2	298106	1028359	45.31%	4.747%
95	26.714	3928	3936	3947	rVB3	41724	116675	5.14%	0.539%
96	28.019	4156	4158	4161	rBV4	5179	7443	0.33%	0.034%
97	28.195	4178	4188	4202	rVB6	40259	142023	6.26%	0.656%
98	29.523	4409	4414	4417	rBV6	10367	19401	0.85%	0.090%
99	29.975	4479	4491	4503	rBV7	30558	117593	5.18%	0.543%
100	32.126	4849	4857	4858	rBV4	13827	28437	1.25%	0.131%

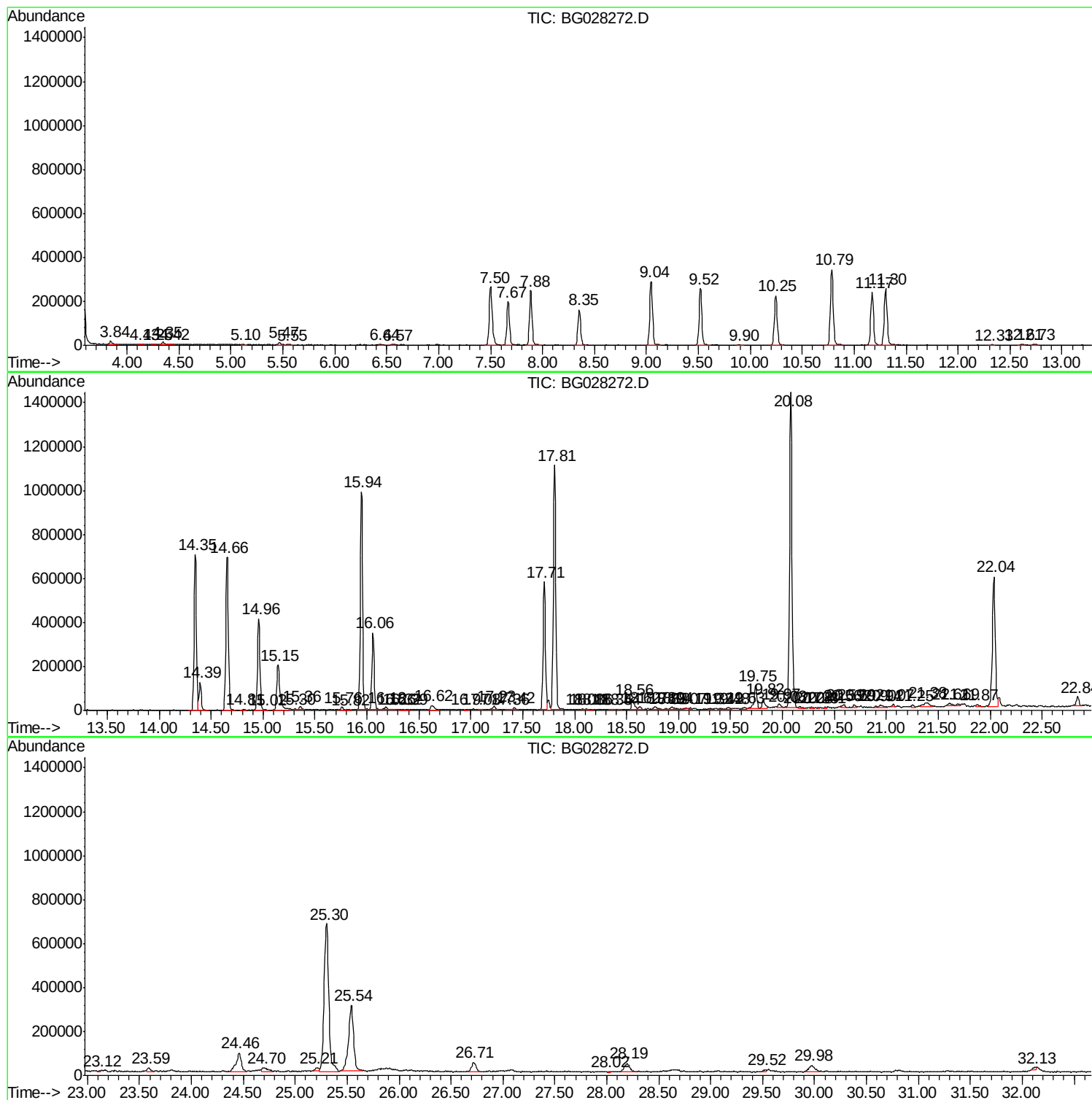
Sum of corrected areas: 21661534

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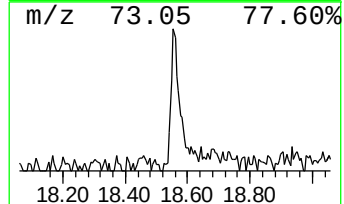
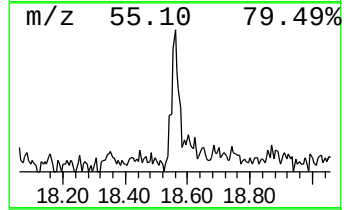
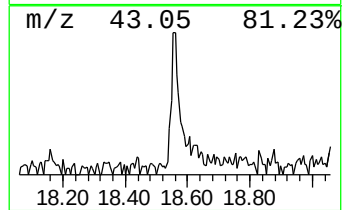
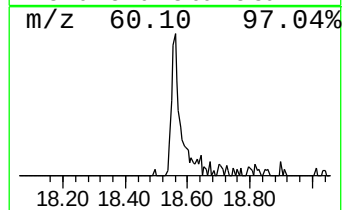
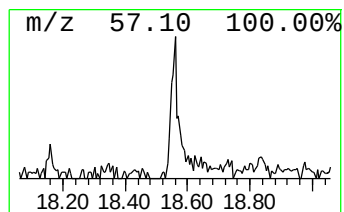
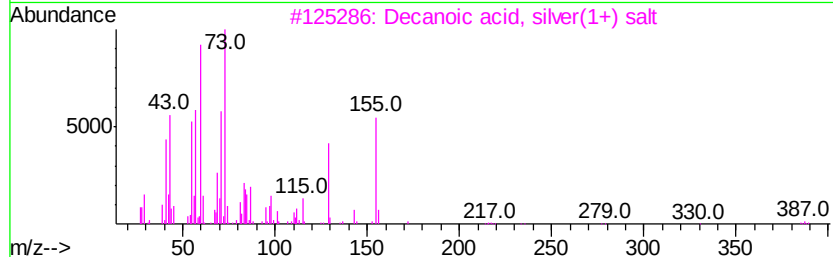
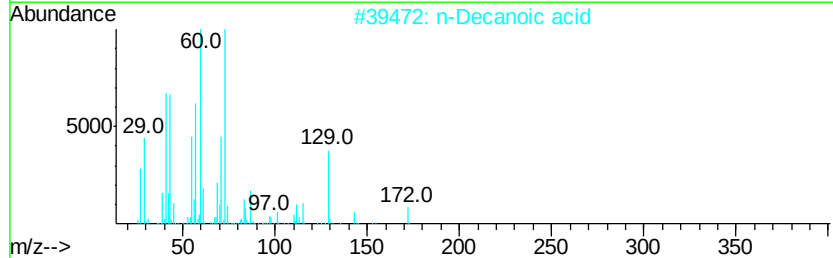
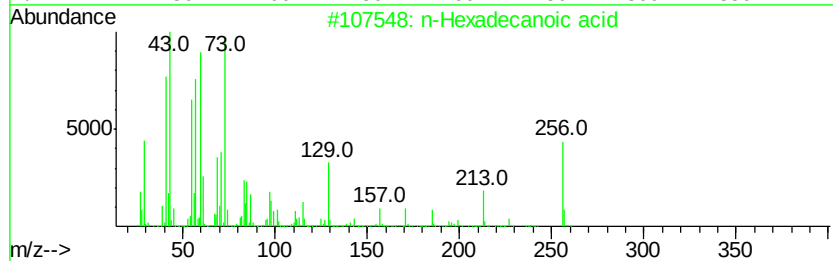
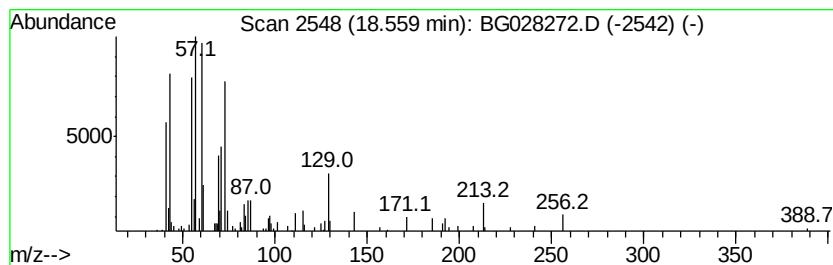
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.11 ng/ul	94393	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
2		n-Decanoic acid	172	C10H20O2	000334-48-5	64
3		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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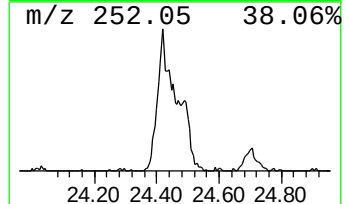
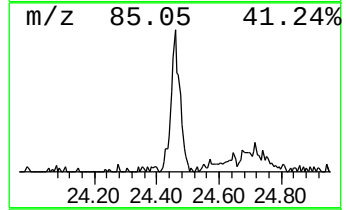
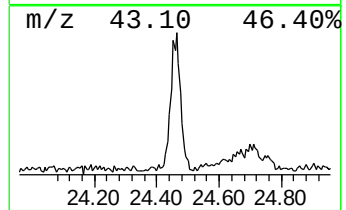
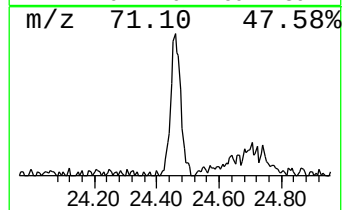
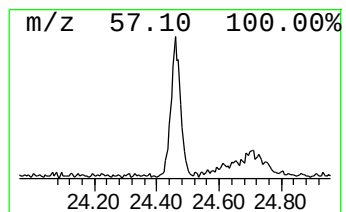
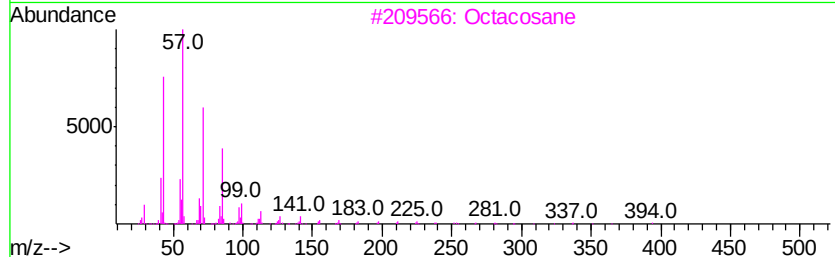
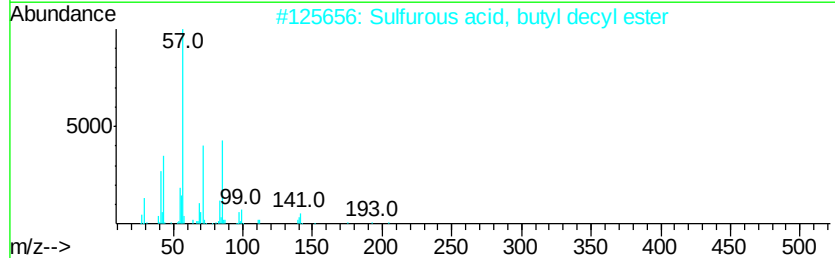
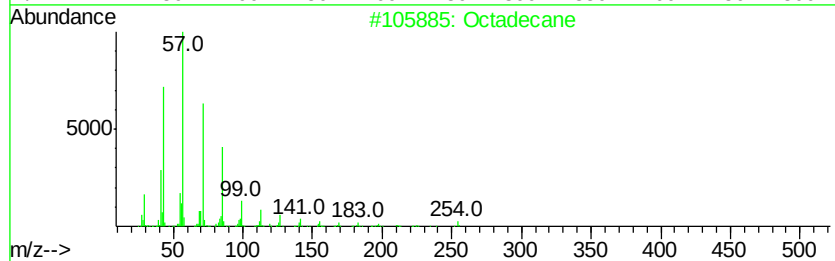
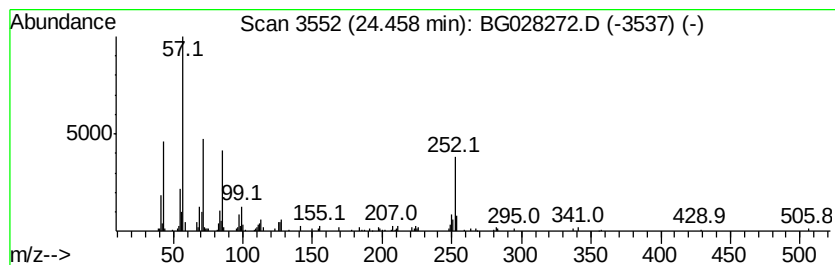
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	5.63 ng/ul	289486	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	58
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	52
3		Octacosane	394	C28H58	000630-02-4	52
4		Eicosane	282	C20H42	000112-95-8	51
5		Hexadecane	226	C16H34	000544-76-3	50



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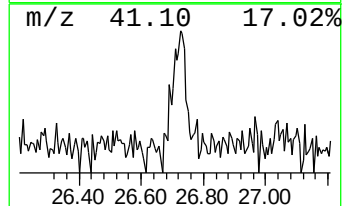
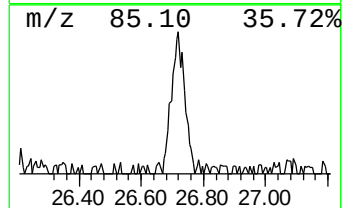
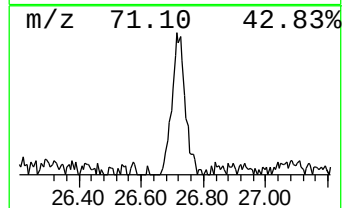
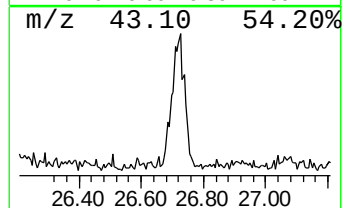
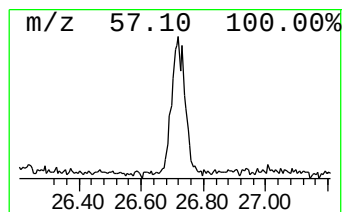
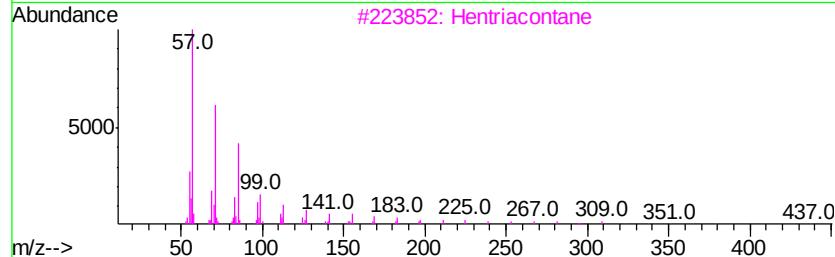
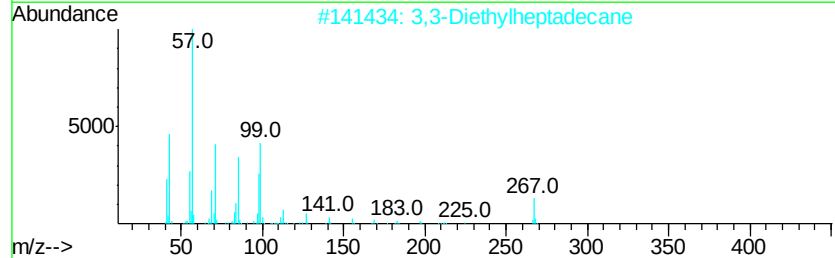
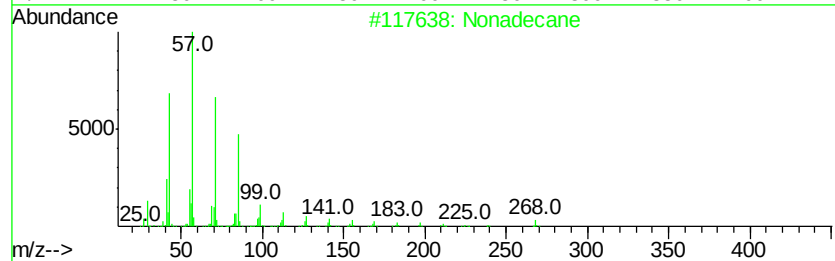
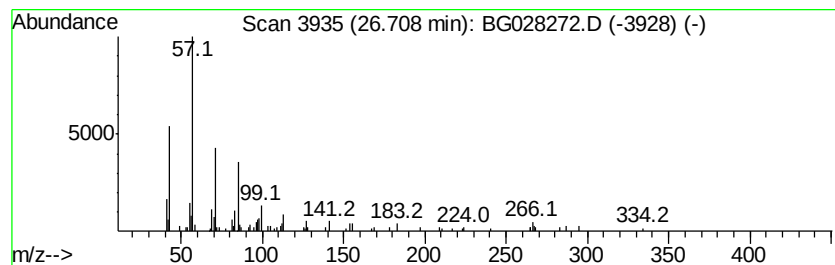
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.71	2.27 ng/ul	116675	Perylene-d12	25.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	89
2			3,3-Diethylheptadecane	296	C21H44	1000360-41-6	80
3			Hentriacontane	437	C31H64	000630-04-6	80
4			Tetratetracontane	619	C44H90	007098-22-8	72
5			Tetracosane	338	C24H50	000646-31-1	72



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BNA_G
ClientSampleId :
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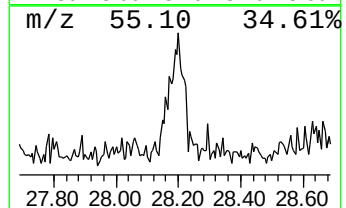
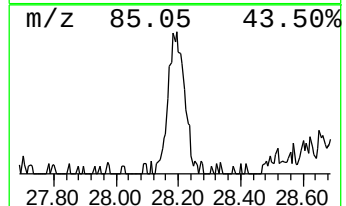
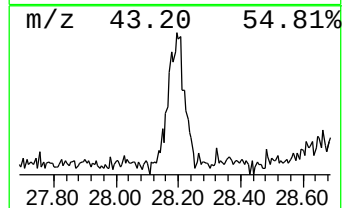
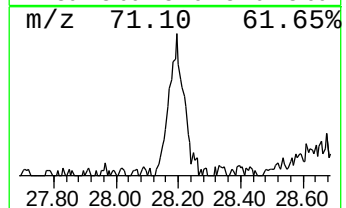
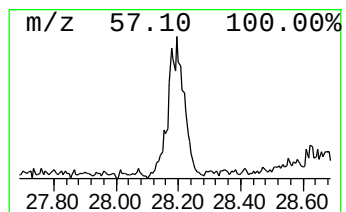
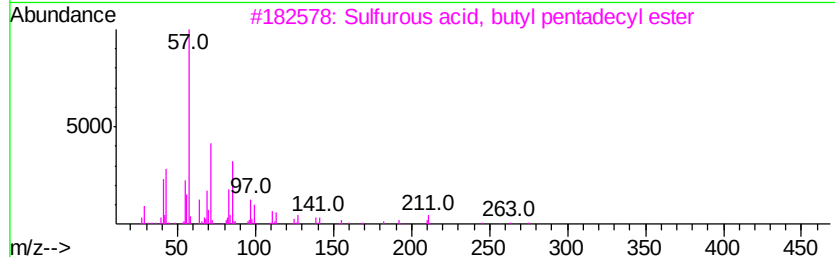
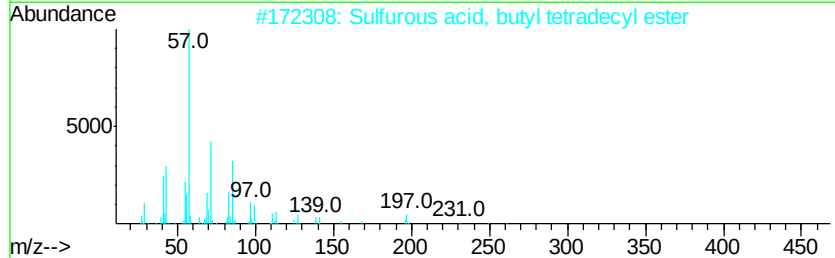
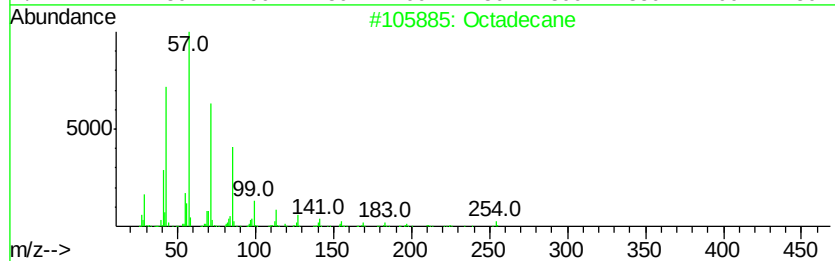
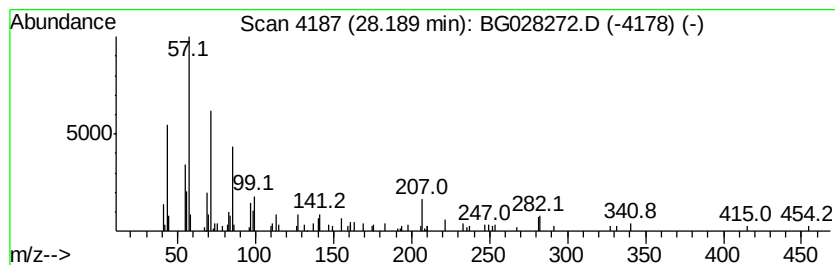
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.76 ng/ul	142023	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	64
3		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	64
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
5		Docosane	310	C22H46	000629-97-0	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028272.D
Acq On : 10 Aug 2017 23:59
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

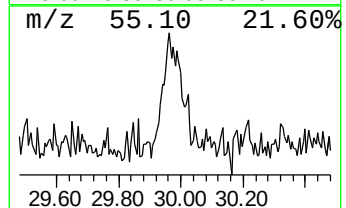
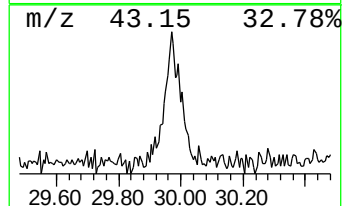
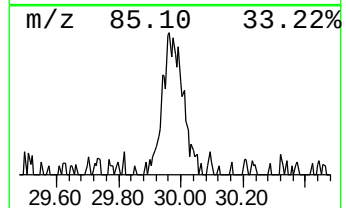
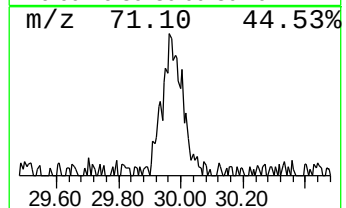
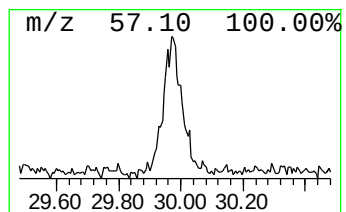
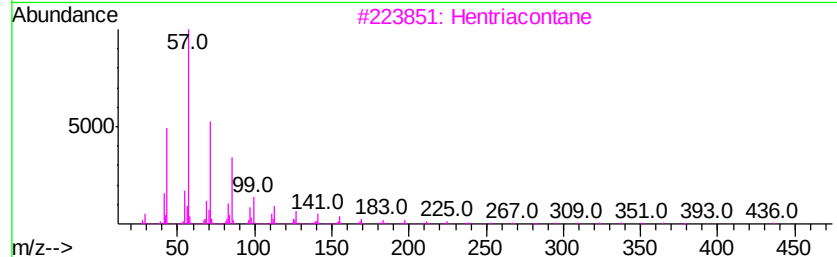
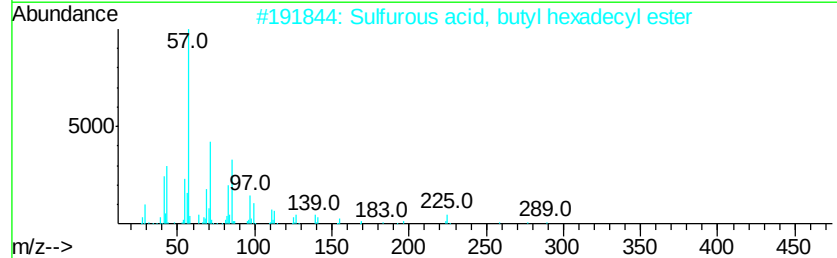
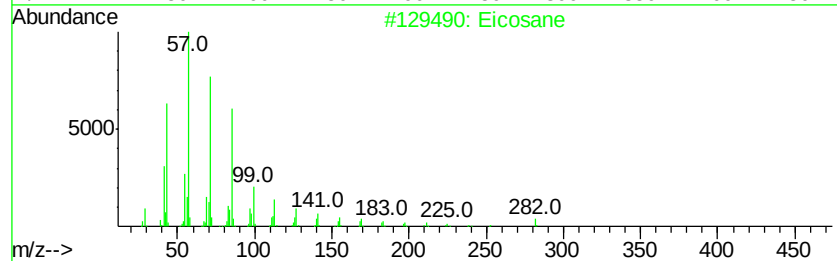
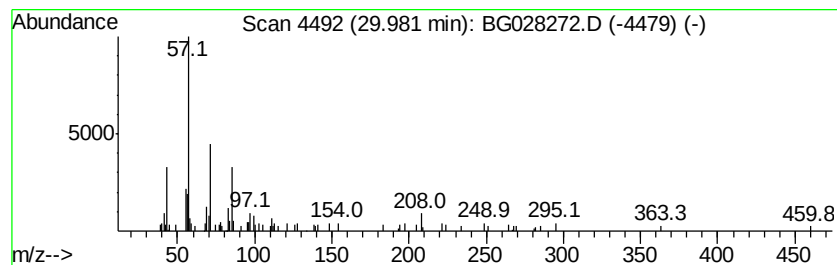
Instrument :
BNA_G
ClientSampleId :
C0AA1

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 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.98	2.29 ng/ul	117593	Perylene-d12	25.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 94
2	Sulfurous acid, butyl hexadecyl ...		362 C20H42O3S	1000309-18-3 83
3	Hentriacontane		437 C31H64	000630-04-6 80
4	Sulfurous acid, butyl octadecyl ...		390 C22H46O3S	1000309-18-5 80
5	Heptadecane		240 C17H36	000629-78-7 64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
Data File : BG028272.D
Acq On : 10 Aug 2017 23:59
Operator : SJ/JU
Sample : I4529-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

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
n-Hexadecanoic acid	18.56	2.1	ng/ul	94393	4	17.71	894623	20.0
(DEL) Alkane: Str...	24.46	5.6	ng/ul	289486	6	25.55	1028360	20.0
(DEL) Alkane: Str...	26.71	2.3	ng/ul	116675	6	25.55	1028360	20.0
(DEL) Alkane: Str...	28.19	2.8	ng/ul	142023	6	25.55	1028360	20.0
(DEL) Alkane: Str...	29.98	2.3	ng/ul	117593	6	25.55	1028360	20.0