

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028400.D
 Acq On : 21 Aug 2017 22:40
 Operator : SJ/JU
 Sample : I4827-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AF4

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	3.687	16	17	22	rVB3	3591	3689	0.24%	0.024%
2	3.828	37	41	51	rVB6	9201	18197	1.20%	0.118%
3	4.334	124	127	135	rVB6	3748	6021	0.40%	0.039%
4	5.215	272	277	278	rBV3	2044	2732	0.18%	0.018%
5	5.456	312	318	323	rBV6	3304	7339	0.49%	0.047%
6	5.685	355	357	362	rVB4	1967	2817	0.19%	0.018%
7	5.791	367	375	377	rBV3	1798	3276	0.22%	0.021%
8	6.020	411	414	423	rVB4	2082	5307	0.35%	0.034%
9	6.102	423	428	431	rBV2	1846	3127	0.21%	0.020%
10	6.878	558	560	565	rVB3	2519	2938	0.19%	0.019%
11	6.984	571	578	579	rBV2	2243	3618	0.24%	0.023%
12	7.036	584	587	594	rVB3	2325	5342	0.35%	0.035%
13	7.113	597	600	605	rBV4	1775	3479	0.23%	0.022%
14	7.360	639	642	645	rVB3	2226	2839	0.19%	0.018%
15	7.495	656	665	679	rBV	170854	342420	22.67%	2.212%
16	7.659	685	693	702	rBV	123792	222501	14.73%	1.437%
17	7.877	720	730	744	rBV	164344	307452	20.35%	1.986%
18	8.341	801	809	820	rBV	142076	260544	17.25%	1.683%
19	8.705	868	871	876	rBV3	2335	3846	0.25%	0.025%
20	8.864	893	898	906	rVB4	1964	5364	0.36%	0.035%
21	8.940	906	911	916	rBV3	1969	4144	0.27%	0.027%
22	9.040	916	928	942	rBV	196781	388017	25.69%	2.507%
23	9.340	977	979	984	rBV2	1543	2648	0.18%	0.017%
24	9.510	994	1008	1020	rBV	171418	328273	21.73%	2.121%
25	9.598	1020	1023	1026	rBV2	2430	3333	0.22%	0.022%
26	10.233	1124	1131	1140	rVB	151957	280435	18.57%	1.812%
27	10.779	1212	1224	1238	rBV	212266	406427	26.91%	2.626%
28	11.161	1280	1289	1297	rBV	207763	374618	24.80%	2.420%
29	11.296	1304	1312	1329	rVB	163353	334845	22.17%	2.163%
30	11.678	1375	1377	1387	rVB3	1670	3788	0.25%	0.024%
31	11.760	1387	1391	1395	rBV2	2356	2725	0.18%	0.018%
32	11.837	1395	1404	1408	rVB3	1825	3760	0.25%	0.024%
33	12.013	1429	1434	1437	rVB3	1574	2712	0.18%	0.018%
34	12.101	1445	1449	1454	rBV2	1724	3364	0.22%	0.022%

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35	12.142	1454	1456	1463	rVV3	1540	3147	0.21%	0.020%
36	12.612	1533	1536	1541	rVB3	2724	3236	0.21%	0.021%
37	12.730	1550	1556	1560	rBV4	3098	5731	0.38%	0.037%
38	12.824	1566	1572	1577	rBV3	1735	2770	0.18%	0.018%
39	13.305	1649	1654	1659	rVV3	2538	3925	0.26%	0.025%
40	13.347	1659	1661	1664	rVB2	2463	2668	0.18%	0.017%
41	13.541	1690	1694	1698	rBV4	2607	4509	0.30%	0.029%
42	14.340	1821	1830	1834	rBV	429885	653831	43.29%	4.224%
43	14.387	1834	1838	1847	rVB	115237	163545	10.83%	1.057%
44	14.557	1864	1867	1874	rBV5	1899	3728	0.25%	0.024%
45	14.645	1874	1882	1895	rVB	469898	742633	49.17%	4.798%
46	14.745	1895	1899	1903	rBV5	2089	3719	0.25%	0.024%
47	14.804	1905	1909	1914	rVB3	4850	8513	0.56%	0.055%
48	14.892	1918	1924	1925	rBV2	2474	3218	0.21%	0.021%
49	14.951	1927	1934	1946	rVB2	331524	564574	37.38%	3.647%
50	15.145	1960	1967	1990	rBV	136208	330282	21.87%	2.134%
51	15.344	1998	2001	2006	rVB7	1944	2999	0.20%	0.019%
52	15.415	2010	2013	2018	rVB5	3999	5712	0.38%	0.037%
53	15.491	2023	2026	2029	rBV3	2321	2805	0.19%	0.018%
54	15.750	2066	2070	2075	rVB3	13459	18482	1.22%	0.119%
55	15.938	2094	2102	2111	rVB	651306	996114	65.95%	6.435%
56	16.055	2116	2122	2131	rBV	218490	363652	24.08%	2.349%
57	16.173	2134	2142	2149	rVB7	8173	22109	1.46%	0.143%
58	16.243	2153	2154	2159	rBV3	2831	2997	0.20%	0.019%
59	16.308	2162	2165	2167	rBV3	2751	2708	0.18%	0.017%
60	16.372	2173	2176	2180	rBV4	4938	7141	0.47%	0.046%
61	16.490	2191	2196	2198	rBV3	2336	2725	0.18%	0.018%
62	16.613	2212	2217	2225	rBV	17967	33487	2.22%	0.216%
63	16.801	2244	2249	2254	rBV6	4209	8074	0.53%	0.052%
64	16.890	2259	2264	2270	rBV2	3044	4503	0.30%	0.029%
65	16.960	2272	2276	2277	rBV3	3283	4599	0.30%	0.030%
66	17.072	2290	2295	2299	rBV6	3748	5857	0.39%	0.038%
67	17.130	2301	2305	2308	rVB4	2693	3001	0.20%	0.019%
68	17.213	2318	2319	2328	rVB8	4651	6936	0.46%	0.045%
69	17.401	2345	2351	2357	rBV3	11585	19637	1.30%	0.127%
70	17.454	2359	2360	2364	rBV3	2625	2992	0.20%	0.019%
71	17.565	2373	2379	2385	rVB5	3361	7548	0.50%	0.049%

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72	17.630	2385	2390	2391	rVB3	2049	2937	0.19%	0.019%
73	17.700	2391	2402	2411	rBV2	515899	834474	55.25%	5.391%
74	17.794	2411	2418	2428	rVV	758708	1221739	80.88%	7.893%
75	17.871	2428	2431	2438	rVB4	5478	8351	0.55%	0.054%
76	18.076	2462	2466	2467	rVB4	2918	2643	0.17%	0.017%
77	18.141	2472	2477	2481	rBV4	4857	6829	0.45%	0.044%
78	18.282	2499	2501	2504	rBV2	2910	3755	0.25%	0.024%
79	18.546	2541	2546	2557	rBV3	50375	96181	6.37%	0.621%
80	19.058	2632	2633	2638	rVB4	3982	4605	0.30%	0.030%
81	19.398	2689	2691	2696	rBV4	2013	3491	0.23%	0.023%
82	19.592	2722	2724	2726	rBV3	2673	3547	0.23%	0.023%
83	19.704	2735	2743	2751	rBV5	10898	23167	1.53%	0.150%
84	19.804	2757	2760	2767	rBV8	9823	17699	1.17%	0.114%
85	19.962	2783	2787	2794	rVB5	11233	18197	1.20%	0.118%
86	20.074	2799	2806	2815	rBV	1020688	1510472	100.00%	9.758%
87	20.186	2823	2825	2828	rVB4	3283	3331	0.22%	0.022%
88	20.538	2882	2885	2886	rBV3	4360	3781	0.25%	0.024%
89	21.596	3062	3065	3074	rVB9	22432	42633	2.82%	0.275%
90	21.860	3106	3110	3115	rVB2	36280	51267	3.39%	0.331%
91	22.025	3130	3138	3149	rVB	553814	997218	66.02%	6.442%
92	23.576	3396	3402	3407	rVB9	23056	44143	2.92%	0.285%
93	23.781	3432	3437	3445	rVB9	14762	31978	2.12%	0.207%
94	24.445	3543	3550	3558	rVB5	30878	80114	5.30%	0.518%
95	25.286	3680	3693	3707	rVB2	490892	1454713	96.31%	9.398%
96	25.526	3717	3734	3748	rVB2	308814	1066859	70.63%	6.892%
97	26.696	3924	3933	3943	rVB6	43366	136519	9.04%	0.882%
98	26.978	3973	3981	3999	rVB6	28837	108049	7.15%	0.698%
99	28.159	4173	4182	4193	rVB4	45304	163635	10.83%	1.057%
100	29.939	4472	4485	4499	rBV7	34425	160412	10.62%	1.036%

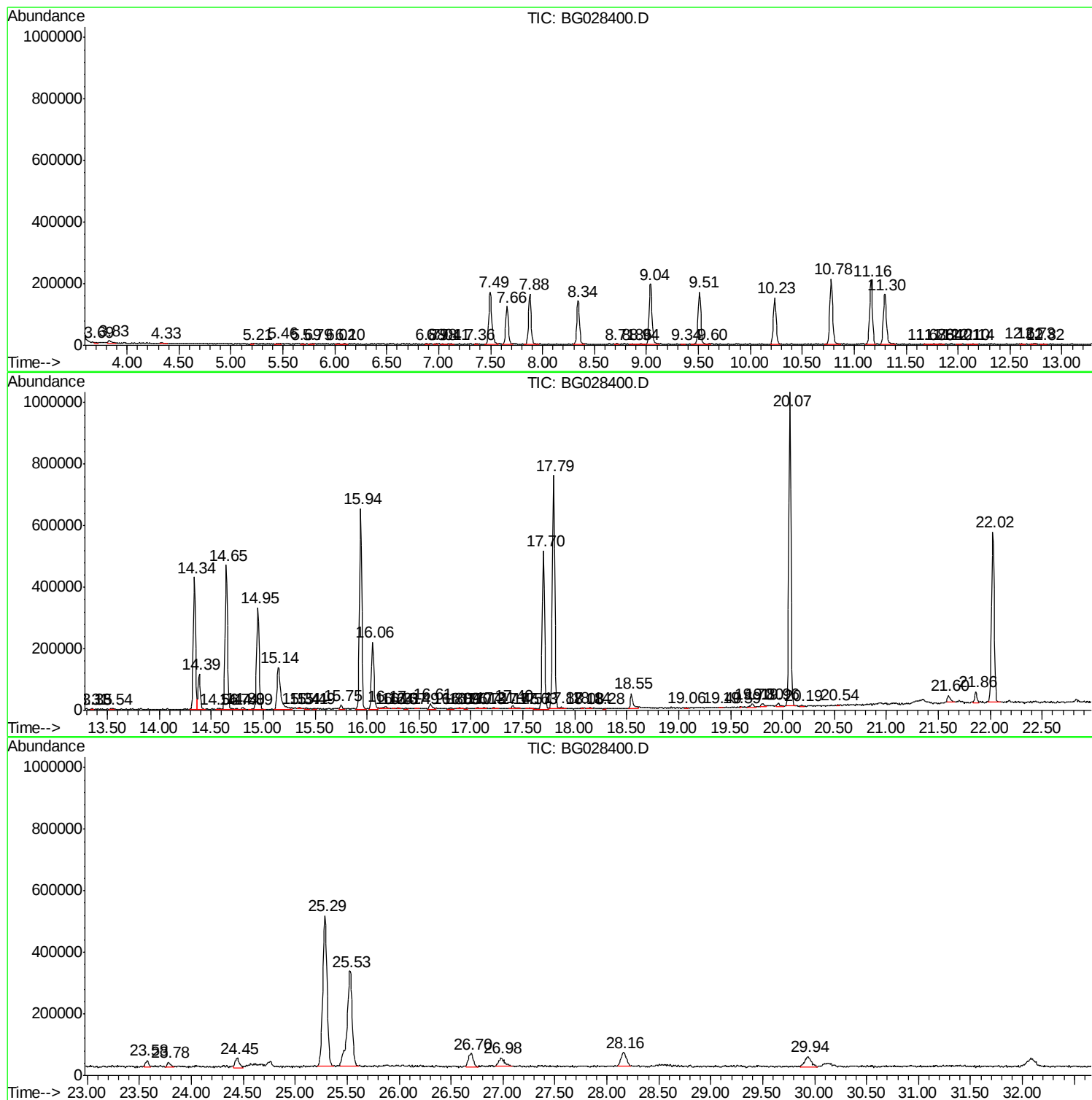
Sum of corrected areas: 15478783

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



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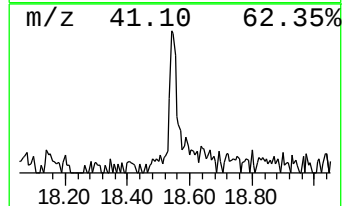
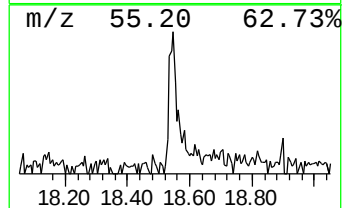
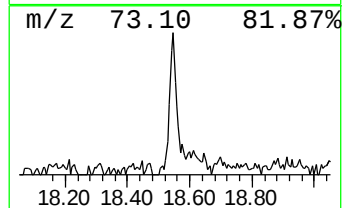
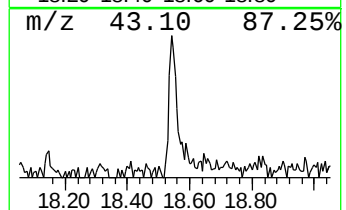
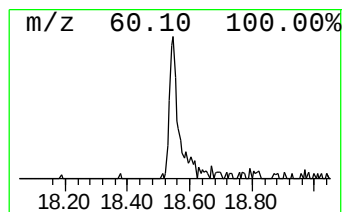
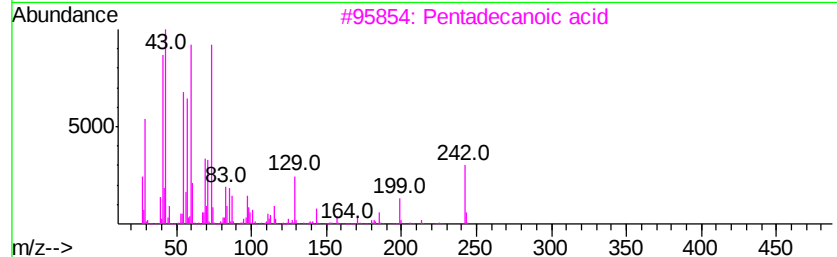
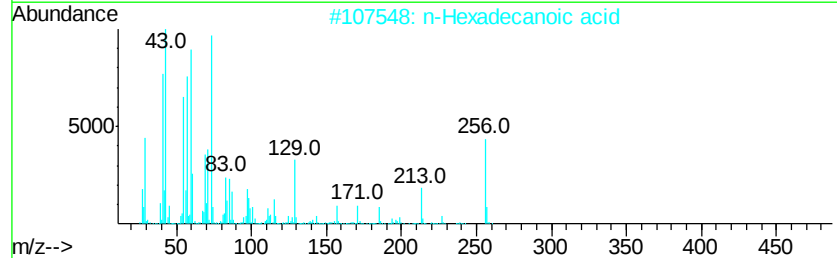
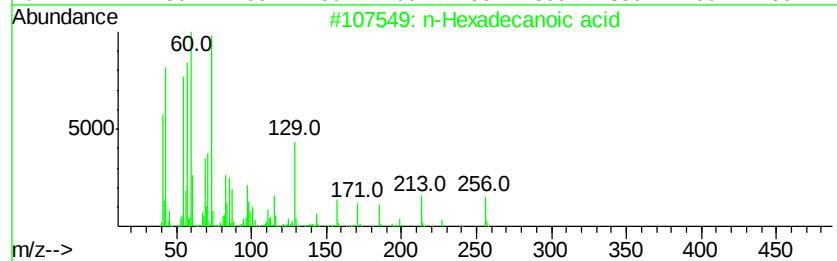
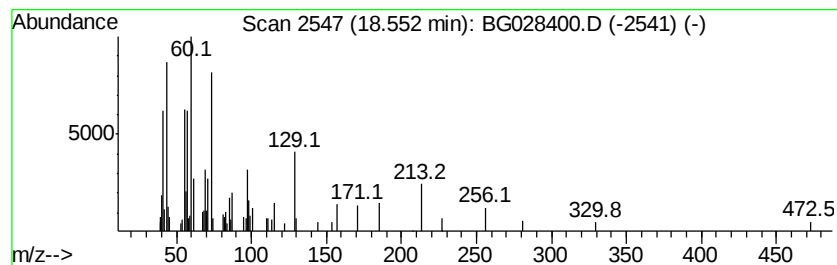
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.55	2.31 ng/ul	96181	Phenanthrene-d10		17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Octadecanoic acid	284	C18H36O2	000057-11-4	62



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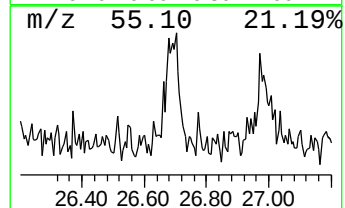
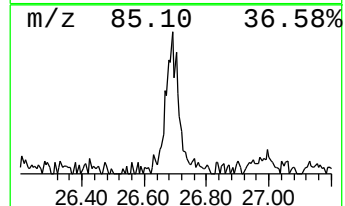
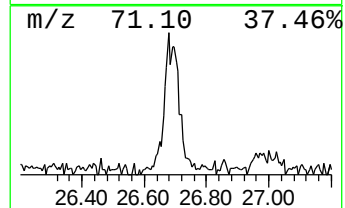
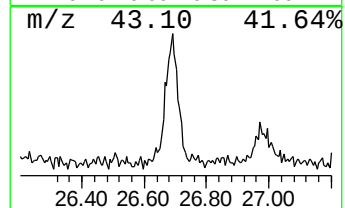
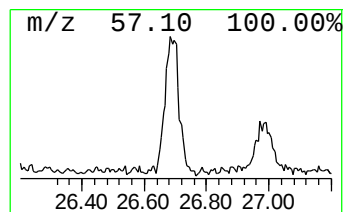
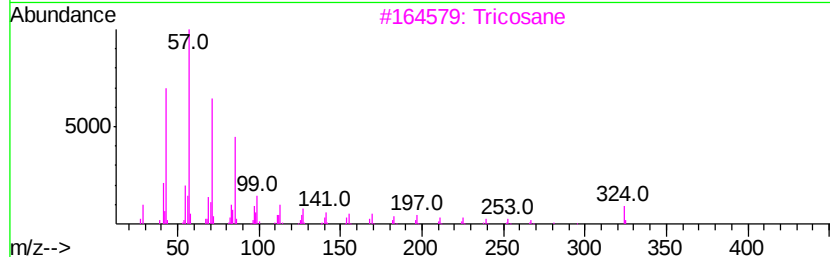
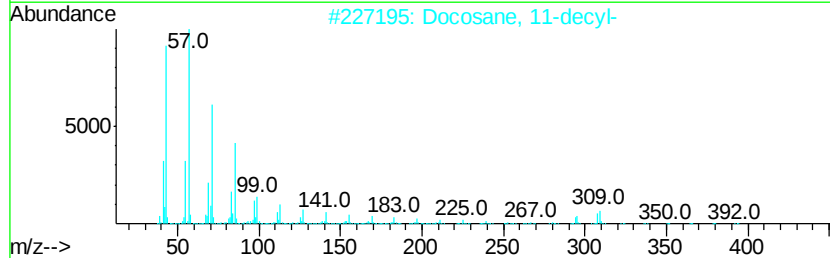
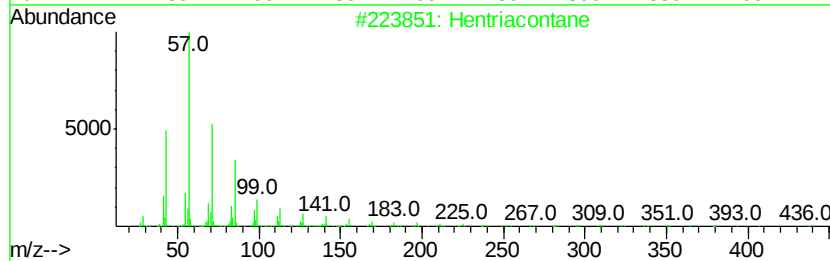
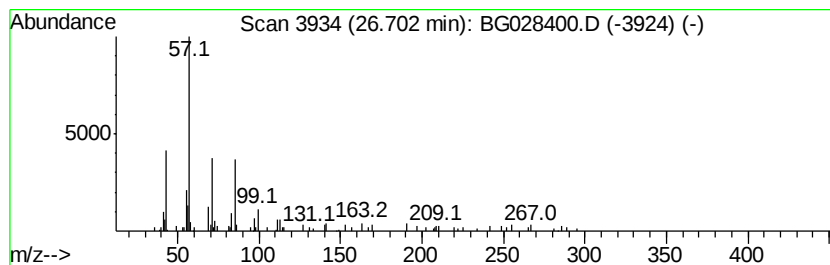
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.56 ng/ul	136519	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	64
2			Docosane, 11-decyl-	451	C32H66	055401-55-3	58
3			Tricosane	324	C23H48	000638-67-5	58
4			Hexacosane	366	C26H54	000630-01-3	58
5			5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	58



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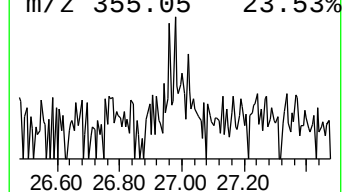
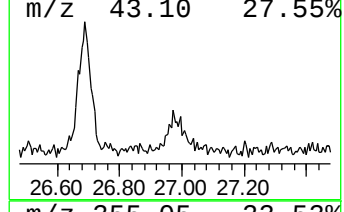
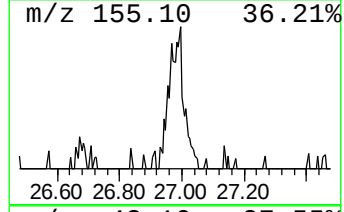
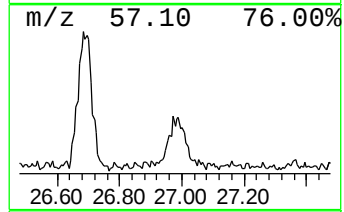
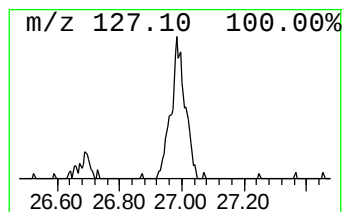
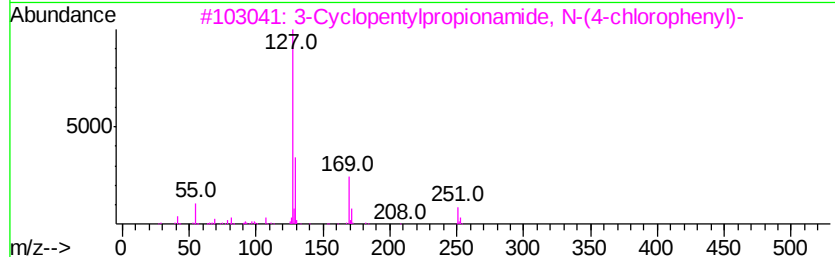
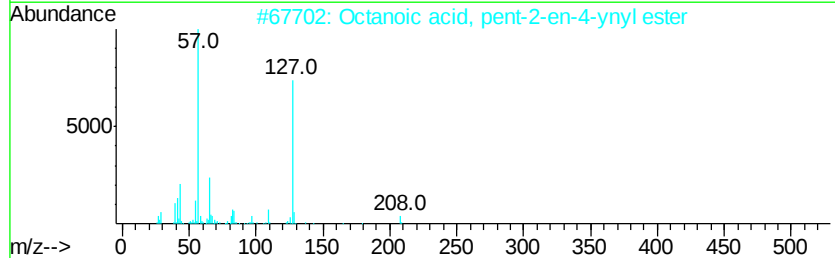
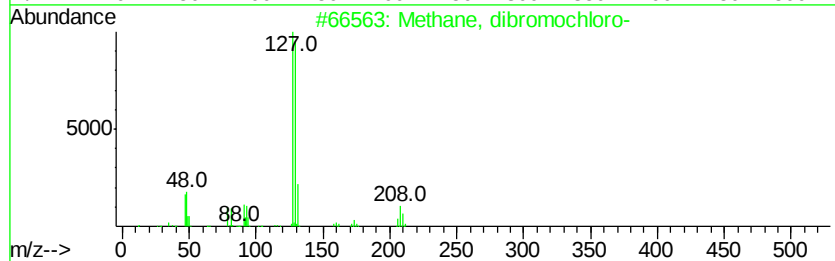
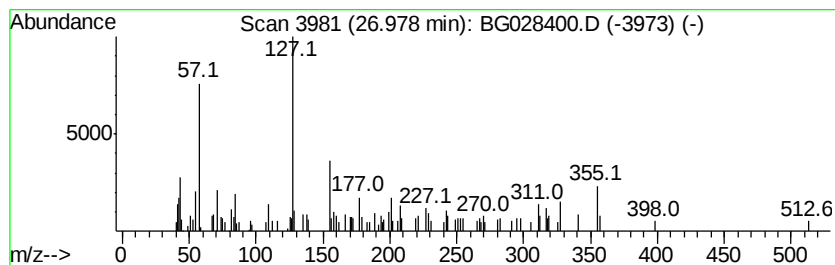
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Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.98	2.03 ng/ul	108049	Perylene-d12	25.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methane, dibromochloro-	206 CHBr2Cl	000124-48-1 43
2		Octanoic acid, pent-2-en-4-ynyl ...	208 C13H20O2	1000299-34-2 38
3		3-Cyclopentylpropionamide, N-(4-...	251 C14H18ClNO	1000340-38-6 38
4		Glycerol tricaprylate	470 C27H50O6	000538-23-8 38
5		2,3-Dimethyl-1,4-dioxaspiro[4.4]...	156 C9H16O2	006290-15-9 38



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Sample : I4827-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AF4

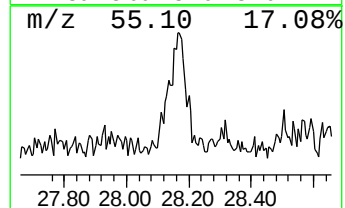
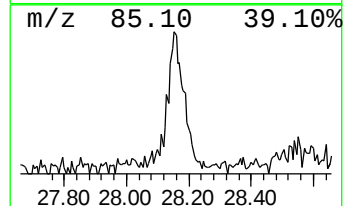
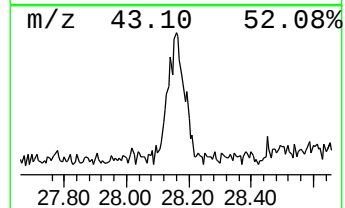
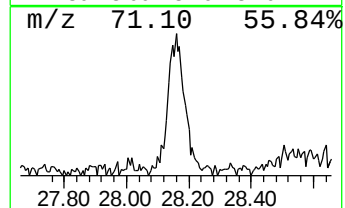
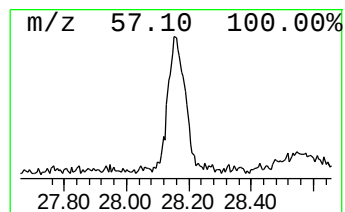
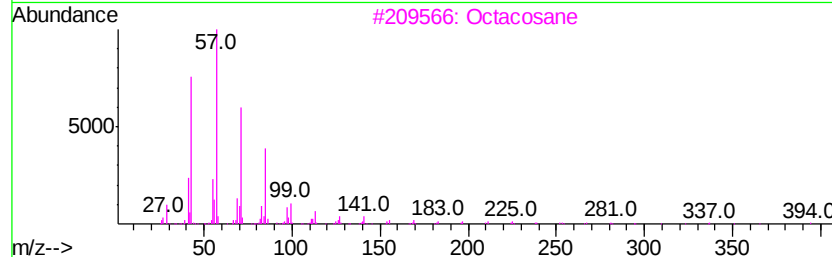
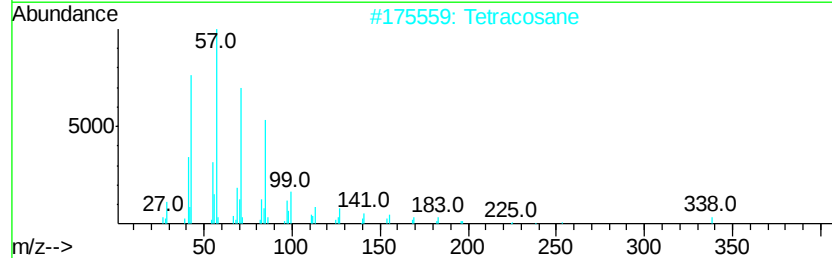
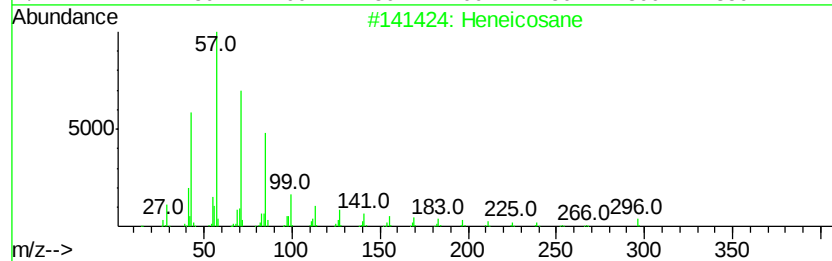
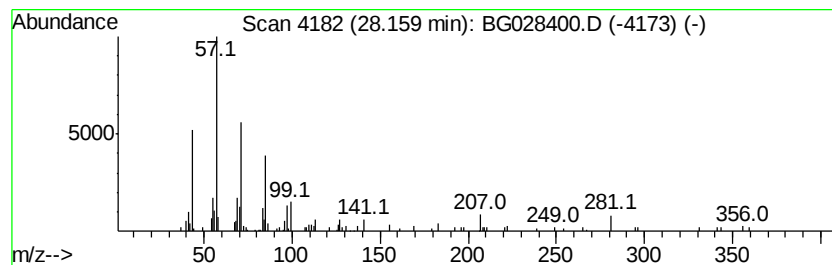
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	3.07 ng/ul	163635	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	89
2			Tetracosane	338	C24H50	000646-31-1	87
3			Octacosane	394	C28H58	000630-02-4	83
4			Octadecane	254	C18H38	000593-45-3	81
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	80



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028400.D
Acq On : 21 Aug 2017 22:40
Operator : SJ/JU
Sample : I4827-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AF4

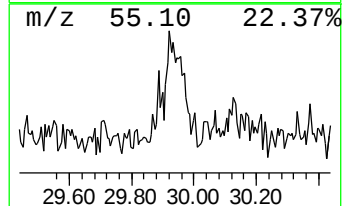
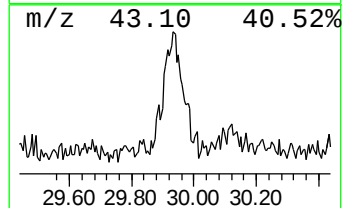
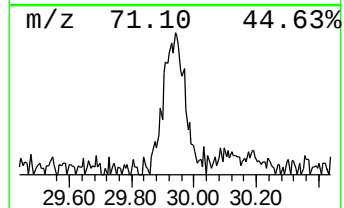
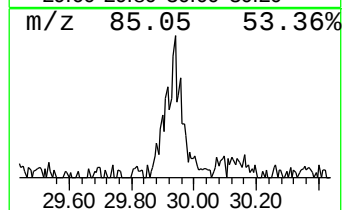
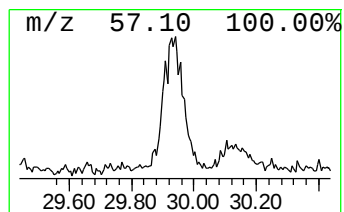
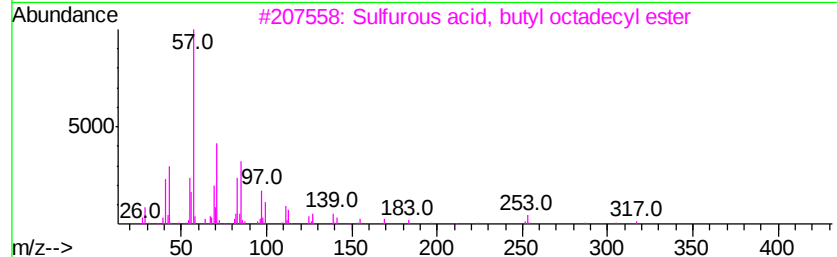
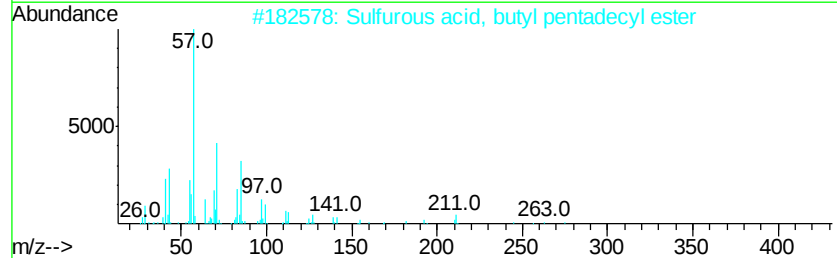
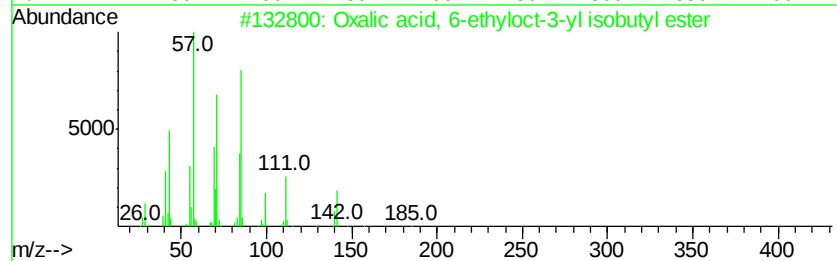
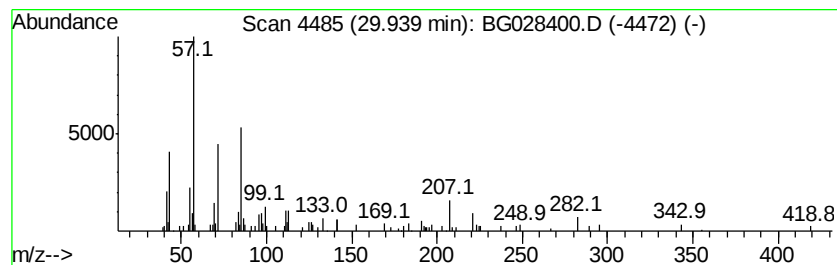
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.94	3.01 ng/ul	160412	Perylene-d12	25.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	53	
2	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	53	
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	47	
4	Borane, diethyl(decyloxv)-	226	C14H31BO	1000152-34-3	47	
5	Hentriacontane	437	C31H64	000630-04-6	46	



Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
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Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.55	2.3	ng/ul	96181	4	17.70	834474	20.0
(DEL) Alkane: Str...	26.70	2.6	ng/ul	136519	6	25.53	1066860	20.0
unknown-01	26.98	2.0	ng/ul	108049	6	25.53	1066860	20.0
(DEL) Alkane: Str...	28.16	3.1	ng/ul	163635	6	25.53	1066860	20.0
Oxalic acid, 6-et...	29.94	3.0	ng/ul	160412	6	25.53	1066860	20.0