

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028525.D
 Acq On : 28 Aug 2017 19:13
 Operator : SJ/JU
 Sample : I4905-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AY5

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	3.828	35	41	47	rVB6	4800	9833	0.62%	0.065%
2	3.934	56	59	64	rVB4	2685	4333	0.27%	0.029%
3	4.328	124	126	132	rVB6	3238	3709	0.23%	0.024%
4	4.686	185	187	190	rBV3	2384	3317	0.21%	0.022%
5	4.745	195	197	207	rVB7	2381	4536	0.29%	0.030%
6	5.021	240	244	247	rVB4	1900	2898	0.18%	0.019%
7	5.679	353	356	361	rVB5	1968	3093	0.20%	0.020%
8	6.067	419	422	428	rVB5	1949	3032	0.19%	0.020%
9	6.560	502	506	514	rVB5	2551	5873	0.37%	0.039%
10	7.489	657	664	679	rVB	143897	296093	18.73%	1.950%
11	7.653	684	692	702	rVB	108276	178223	11.28%	1.174%
12	7.871	722	729	741	rBV2	137082	248080	15.69%	1.634%
13	8.147	772	776	781	rBV4	2114	3467	0.22%	0.023%
14	8.341	799	809	823	rVB	153171	292454	18.50%	1.926%
15	8.799	884	887	894	rVB4	2227	4540	0.29%	0.030%
16	8.864	894	898	901	rBV3	2031	3460	0.22%	0.023%
17	9.034	919	927	940	rVV2	191292	359625	22.75%	2.368%
18	9.504	998	1007	1016	rBV2	150305	286589	18.13%	1.887%
19	9.633	1024	1029	1032	rBV5	1886	3758	0.24%	0.025%
20	10.233	1122	1131	1145	rVB	137692	262614	16.61%	1.729%
21	10.468	1165	1171	1176	rBV6	3306	7672	0.49%	0.051%
22	10.615	1193	1196	1203	rVB4	1805	3656	0.23%	0.024%
23	10.773	1216	1223	1237	rBV2	201213	385213	24.37%	2.537%
24	11.155	1280	1288	1298	rBV	215595	395434	25.02%	2.604%
25	11.290	1300	1311	1325	rBV	187358	375555	23.76%	2.473%
26	11.854	1403	1407	1412	rBV4	1663	2878	0.18%	0.019%
27	12.395	1494	1499	1505	rBV4	1304	3119	0.20%	0.021%
28	12.612	1530	1536	1538	rBV5	2572	3415	0.22%	0.022%
29	12.730	1551	1556	1560	rVB4	3712	5432	0.34%	0.036%
30	13.206	1632	1637	1639	rBV4	2516	3050	0.19%	0.020%
31	13.223	1639	1640	1645	rVB3	2473	3448	0.22%	0.023%
32	13.288	1648	1651	1658	rVB7	2183	4394	0.28%	0.029%
33	13.540	1690	1694	1697	rBV3	3390	4995	0.32%	0.033%
34	13.975	1764	1768	1773	rBV2	1774	3035	0.19%	0.020%

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35	14.028	1773	1777	1784	rVB5	2280	4873	0.31%	0.032%
36	14.146	1789	1797	1802	rBV5	4165	8220	0.52%	0.054%
37	14.334	1822	1829	1834	rBV	449856	694524	43.94%	4.574%
38	14.381	1834	1837	1852	rVB	118891	174023	11.01%	1.146%
39	14.645	1874	1882	1893	rVB	447943	737643	46.67%	4.858%
40	14.798	1904	1908	1914	rVB4	3980	5822	0.37%	0.038%
41	14.945	1922	1933	1944	rBV2	332849	577743	36.55%	3.805%
42	15.144	1959	1967	1990	rBV2	159932	353779	22.38%	2.330%
43	15.332	1995	1999	2000	rBV3	3370	3931	0.25%	0.026%
44	15.409	2010	2012	2019	rVB4	3074	3823	0.24%	0.025%
45	15.474	2021	2023	2028	rVB5	3042	3797	0.24%	0.025%
46	15.521	2028	2031	2035	rVB5	2574	3690	0.23%	0.024%
47	15.703	2056	2062	2065	rBV5	2749	4727	0.30%	0.031%
48	15.744	2065	2069	2075	rVB5	11750	16775	1.06%	0.110%
49	15.808	2075	2080	2083	rBV5	3221	4238	0.27%	0.028%
50	15.938	2095	2102	2110	rBV	645240	1009226	63.85%	6.646%
51	16.002	2110	2113	2115	rVB3	3630	3850	0.24%	0.025%
52	16.055	2115	2122	2132	rBV	233354	376917	23.85%	2.482%
53	16.179	2133	2143	2149	rVB6	8969	27038	1.71%	0.178%
54	16.361	2171	2174	2179	rBV4	4008	5553	0.35%	0.037%
55	16.414	2179	2183	2186	rVB4	2603	3256	0.21%	0.021%
56	16.555	2203	2207	2212	rBV5	2538	6140	0.39%	0.040%
57	16.613	2212	2217	2224	rBV3	16984	33771	2.14%	0.222%
58	16.801	2244	2249	2251	rVB3	2159	2959	0.19%	0.019%
59	16.889	2261	2264	2269	rVB6	3399	5975	0.38%	0.039%
60	16.948	2269	2274	2279	rBV5	3904	9448	0.60%	0.062%
61	17.019	2284	2286	2289	rVB4	3578	2956	0.19%	0.019%
62	17.072	2289	2295	2297	rBV5	5468	8164	0.52%	0.054%
63	17.107	2299	2301	2308	rVB4	3056	5009	0.32%	0.033%
64	17.224	2320	2321	2325	rVB3	2967	2942	0.19%	0.019%
65	17.313	2331	2336	2339	rBV4	3032	5161	0.33%	0.034%
66	17.401	2345	2351	2356	rBV5	10219	14742	0.93%	0.097%
67	17.454	2356	2360	2363	rBV3	4977	6643	0.42%	0.044%
68	17.548	2371	2376	2378	rBV3	2933	3835	0.24%	0.025%
69	17.647	2388	2393	2394	rBV2	2251	3537	0.22%	0.023%
70	17.700	2394	2402	2411	rVV2	464214	761470	48.17%	5.014%
71	17.794	2411	2418	2428	rVV	753173	1202041	76.05%	7.916%

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72	17.871	2428	2431	2439	rVB6	6601	9293	0.59%	0.061%
73	18.153	2475	2479	2484	rVV5	2443	4396	0.28%	0.029%
74	18.217	2484	2490	2494	rVB6	2274	5094	0.32%	0.034%
75	18.417	2520	2524	2525	rBV4	2930	3335	0.21%	0.022%
76	18.441	2526	2528	2531	rVB3	4456	4136	0.26%	0.027%
77	18.476	2531	2534	2536	rBV4	2637	2905	0.18%	0.019%
78	18.546	2540	2546	2557	rBV2	68106	112704	7.13%	0.742%
79	18.623	2557	2559	2562	rVB2	8505	8765	0.55%	0.058%
80	18.823	2592	2593	2596	rBV3	2685	2891	0.18%	0.019%
81	18.922	2606	2610	2613	rBV6	4488	5963	0.38%	0.039%
82	19.075	2631	2636	2641	rVB8	2773	3528	0.22%	0.023%
83	19.604	2720	2726	2735	rBV7	12413	26579	1.68%	0.175%
84	19.710	2737	2744	2747	rBV2	13455	25659	1.62%	0.169%
85	19.804	2756	2760	2769	rBV7	12655	25147	1.59%	0.166%
86	19.962	2782	2787	2792	rBV2	9640	14744	0.93%	0.097%
87	20.074	2799	2806	2815	rBV	1009012	1558216	98.58%	10.261%
88	21.596	3060	3065	3077	rBV10	24880	65696	4.16%	0.433%
89	21.860	3106	3110	3118	rVB2	21444	35817	2.27%	0.236%
90	22.025	3130	3138	3148	rBV	519049	945102	59.79%	6.224%
91	22.289	3181	3183	3186	rBV4	4770	6078	0.38%	0.040%
92	22.542	3221	3226	3235	rVB4	41971	71845	4.55%	0.473%
93	23.564	3395	3400	3407	rBV6	16004	33732	2.13%	0.222%
94	23.770	3433	3435	3445	rVB9	12330	24084	1.52%	0.159%
95	24.445	3544	3550	3556	rVB4	23381	48753	3.08%	0.321%
96	25.291	3681	3694	3714	rVB3	511271	1580652	100.00%	10.409%
97	25.526	3718	3734	3750	rVB	277191	971806	61.48%	6.400%
98	26.690	3925	3932	3944	rVB4	34653	113647	7.19%	0.748%
99	28.165	4176	4183	4196	rVB6	31685	108450	6.86%	0.714%
100	29.933	4477	4484	4499	rVB10	22109	87491	5.54%	0.576%

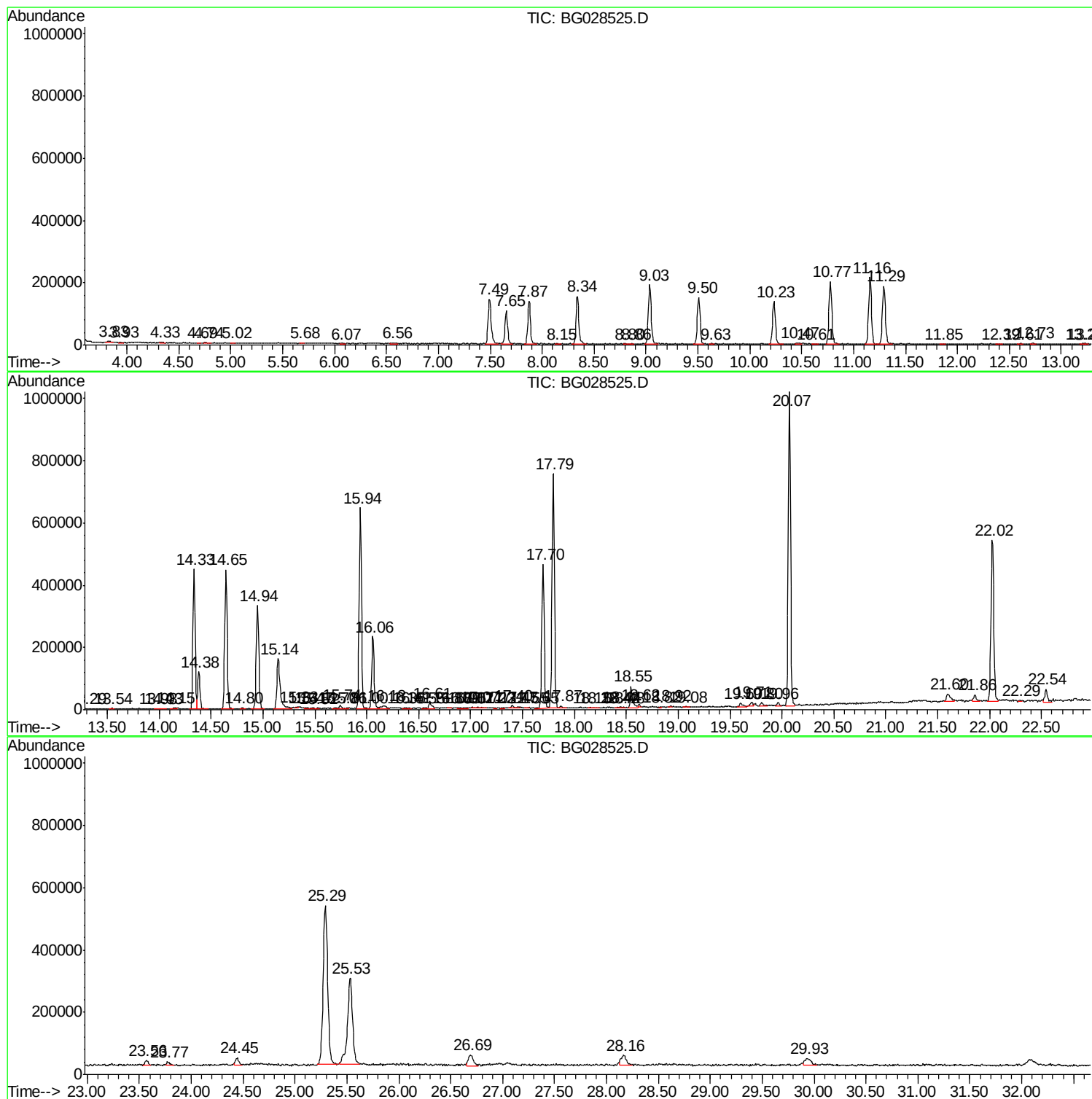
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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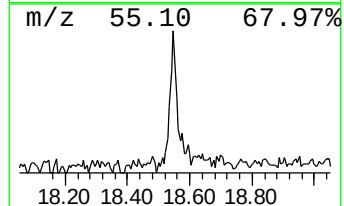
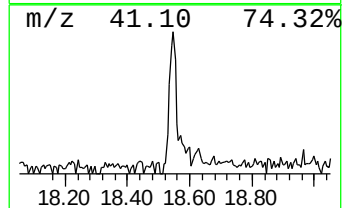
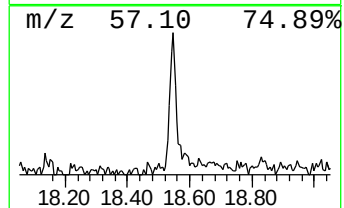
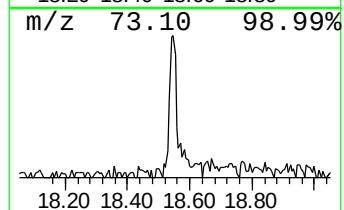
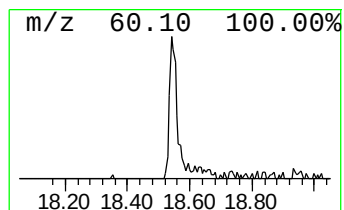
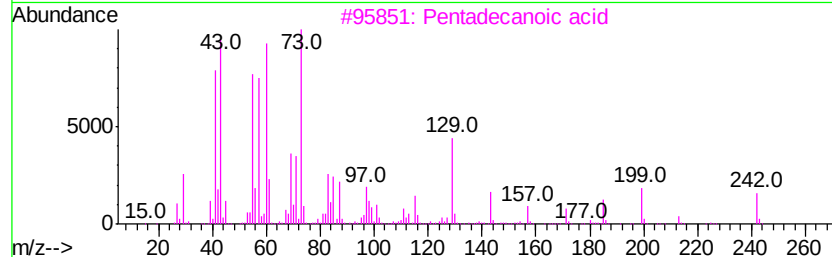
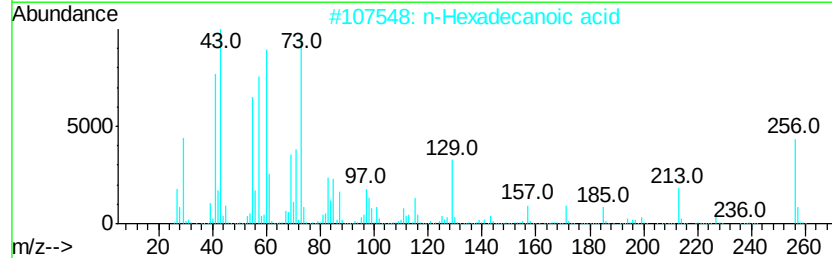
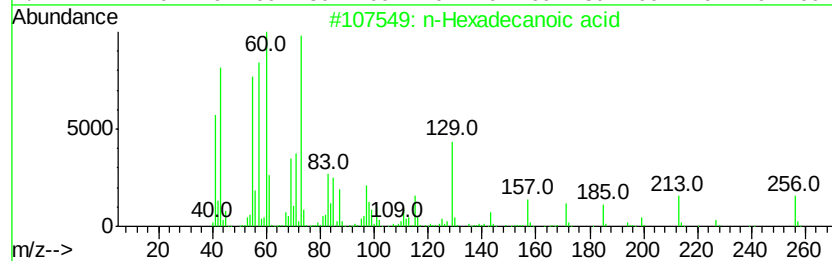
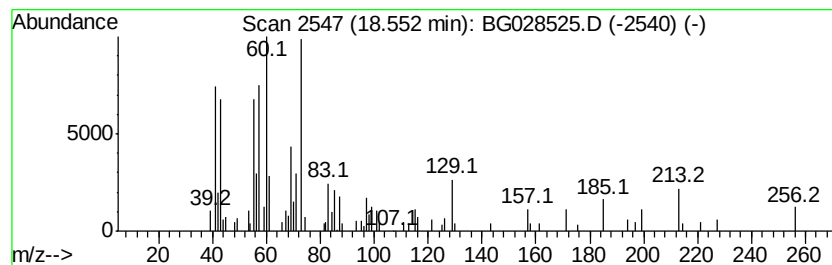
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.55	2.96 ng/ul	112704	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	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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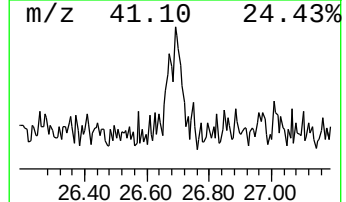
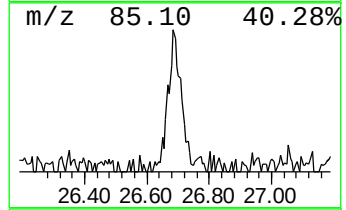
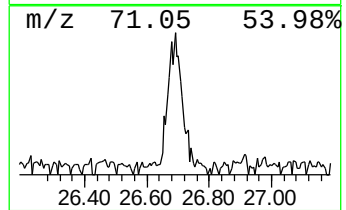
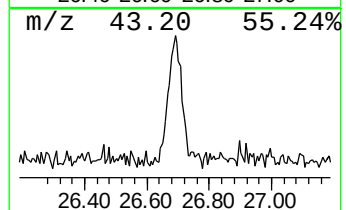
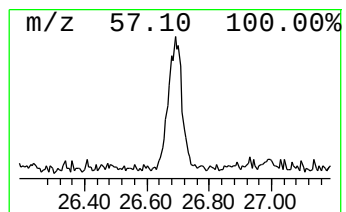
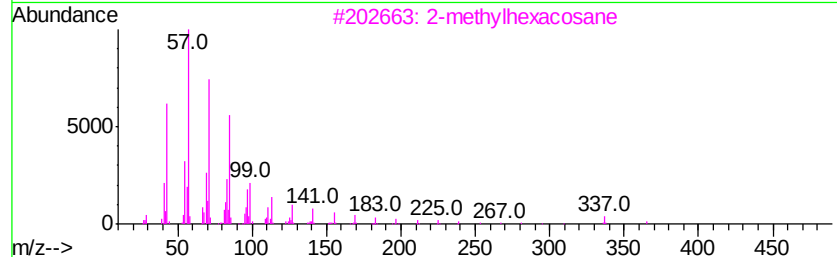
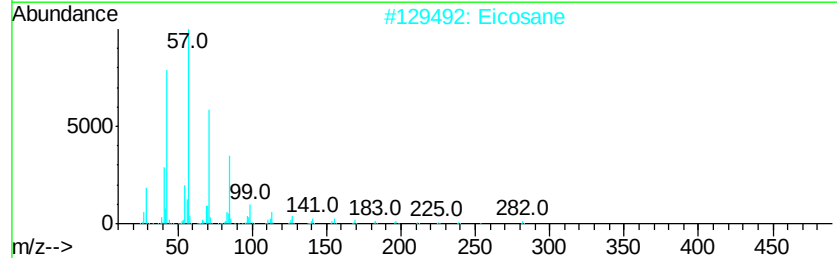
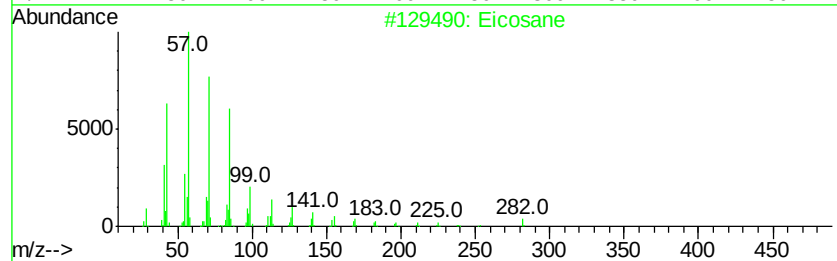
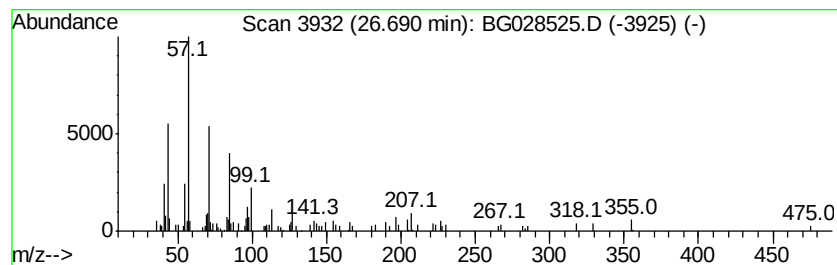
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.34 ng/ul	113647	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	70
2		Eicosane	282	C20H42	000112-95-8	70
3		2-methylhexacosane	380	C27H56	1000376-72-7	64
4		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
5		Hexadecane	226	C16H34	000544-76-3	64



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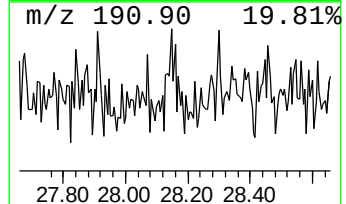
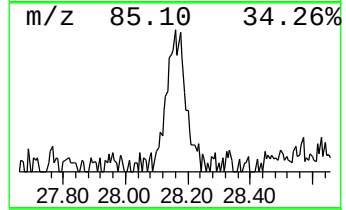
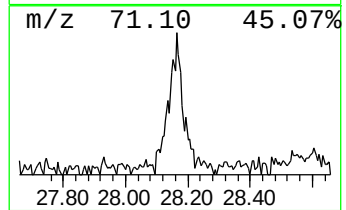
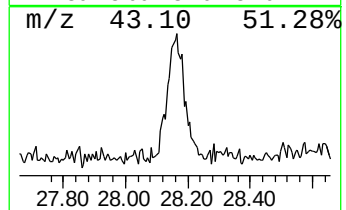
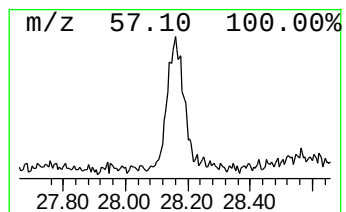
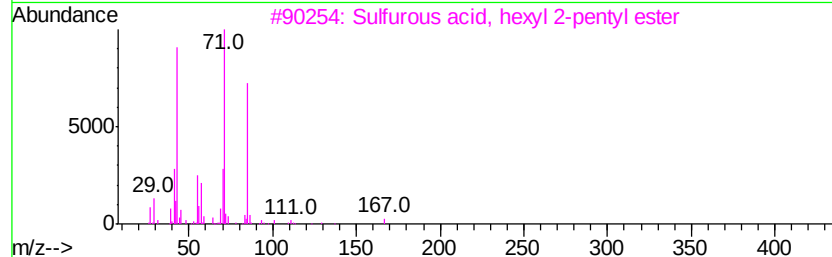
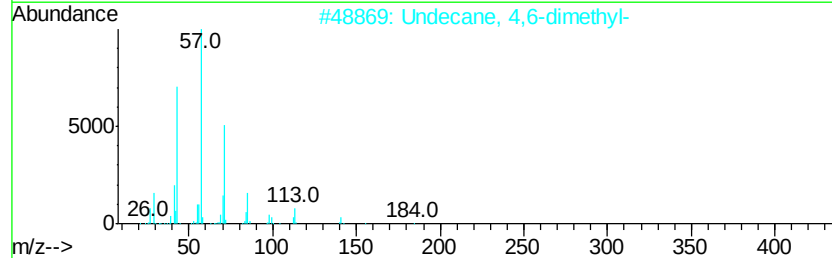
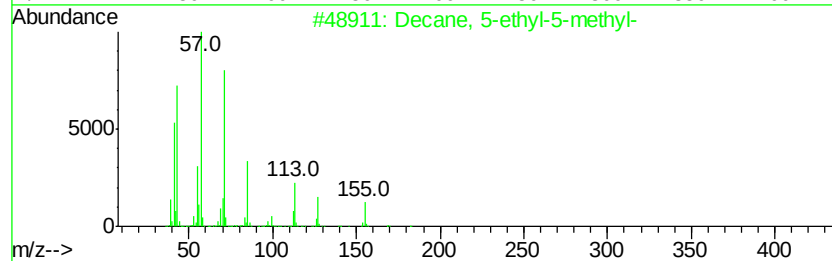
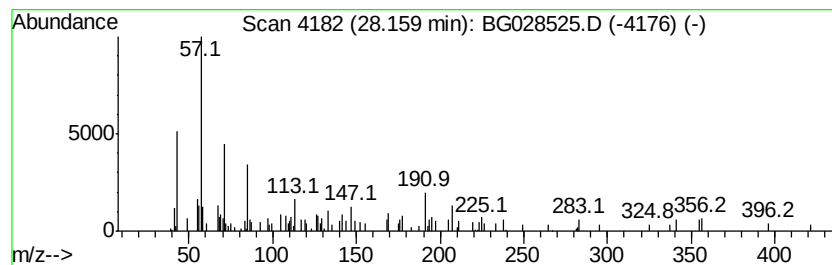
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	2.23 ng/ul	108450	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	50
2			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50
3			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
5			Oxalic acid, dodecyl 2-ethylhexy...	370	C22H42O4	1000309-39-5	43



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Sample : I4905-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AY5

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	3.0	ng/ul	112704	4	17.70	761470	20.0
(DEL) Alkane: Str...	26.69	2.3	ng/ul	113647	6	25.53	971806	20.0
(DEL) Alkane: Str...	28.16	2.2	ng/ul	108450	6	25.53	971806	20.0