

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028346.D
 Acq On : 15 Aug 2017 16:41
 Operator : SJ/JU
 Sample : I4672-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH5

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	3.840	37	43	48	rBV5	8512	13177	1.11%	0.091%
2	4.333	125	127	132	rBV4	1889	2356	0.20%	0.016%
3	4.921	225	227	231	rVV3	1952	2666	0.23%	0.018%
4	4.968	231	235	240	rVB5	2284	4444	0.38%	0.031%
5	5.121	258	261	265	rVB3	1799	2311	0.20%	0.016%
6	5.197	273	274	280	rVB2	1579	2754	0.23%	0.019%
7	5.467	316	320	324	rVB4	1879	2998	0.25%	0.021%
8	5.544	329	333	335	rBV2	1865	2557	0.22%	0.018%
9	5.902	388	394	398	rVB4	1546	3680	0.31%	0.025%
10	6.008	405	412	415	rBV3	2088	3673	0.31%	0.025%
11	6.360	469	472	480	rVB4	1963	4110	0.35%	0.028%
12	6.437	480	485	491	rVB3	1832	3457	0.29%	0.024%
13	6.995	573	580	587	rBV3	2174	6012	0.51%	0.042%
14	7.512	659	668	688	rBV	153731	311013	26.30%	2.147%
15	7.671	688	695	709	rVV	108963	188941	15.98%	1.305%
16	7.765	709	711	716	rVB3	2553	2794	0.24%	0.019%
17	7.894	725	733	747	rBV	146315	268477	22.70%	1.854%
18	8.358	804	812	826	rBV	177023	323715	27.37%	2.235%
19	8.640	857	860	865	rVB2	1573	2963	0.25%	0.020%
20	8.769	877	882	887	rVB3	1317	2697	0.23%	0.019%
21	9.057	919	931	943	rBV3	173181	349132	29.52%	2.411%
22	9.451	997	998	1002	rBV	2041	2325	0.20%	0.016%
23	9.527	1002	1011	1021	rVV2	155273	304625	25.76%	2.103%
24	9.615	1023	1026	1031	rVB7	2416	3729	0.32%	0.026%
25	9.874	1066	1070	1073	rBV2	2049	2536	0.21%	0.018%
26	9.915	1074	1077	1081	rVV	1551	2309	0.20%	0.016%
27	9.950	1081	1083	1089	rVB2	1331	2484	0.21%	0.017%
28	10.250	1126	1134	1148	rBV2	136678	267691	22.64%	1.848%
29	10.491	1167	1175	1178	rBV3	992	2472	0.21%	0.017%
30	10.796	1217	1227	1241	rBV	187906	387343	32.76%	2.674%
31	11.108	1271	1280	1284	rBV5	1788	5292	0.45%	0.037%
32	11.178	1284	1292	1307	rVB	284887	530263	44.84%	3.661%
33	11.313	1307	1315	1328	rBV	171799	355122	30.03%	2.452%
34	11.490	1343	1345	1353	rVB2	1969	2462	0.21%	0.017%

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35	12.618	1534	1537	1542	rBV2	2060	3906	0.33%	0.027%
36	12.735	1552	1557	1563	rBV5	3297	5706	0.48%	0.039%
37	12.817	1566	1571	1574	rVB4	3191	3884	0.33%	0.027%
38	13.023	1604	1606	1612	rVB3	2354	3727	0.32%	0.026%
39	13.323	1653	1657	1663	rVB5	1646	3334	0.28%	0.023%
40	13.570	1690	1699	1704	rVB4	2652	6763	0.57%	0.047%
41	13.640	1704	1711	1712	rBV	1585	2473	0.21%	0.017%
42	13.758	1726	1731	1733	rBV	1994	2409	0.20%	0.017%
43	14.286	1815	1821	1824	rBV2	1966	2818	0.24%	0.019%
44	14.351	1824	1832	1837	rBV	379546	607059	51.34%	4.191%
45	14.398	1837	1840	1850	rVB	99152	150869	12.76%	1.042%
46	14.662	1876	1885	1897	rBV	421051	698770	59.09%	4.825%
47	14.821	1905	1912	1916	rBV4	3872	6048	0.51%	0.042%
48	14.968	1926	1937	1951	rVB2	481004	801794	67.80%	5.536%
49	15.080	1954	1956	1962	rVB4	3011	4937	0.42%	0.034%
50	15.174	1962	1972	1988	rBV2	101886	260364	22.02%	1.798%
51	15.367	1999	2005	2013	rVB7	13050	23923	2.02%	0.165%
52	15.508	2027	2029	2035	rVB4	2419	3628	0.31%	0.025%
53	15.579	2038	2041	2044	rVB2	2469	3097	0.26%	0.021%
54	15.620	2044	2048	2050	rBV2	2238	2692	0.23%	0.019%
55	15.655	2051	2054	2060	rVB2	2459	3659	0.31%	0.025%
56	15.720	2060	2065	2068	rBV4	3304	5815	0.49%	0.040%
57	15.767	2068	2073	2079	rVB4	11642	19251	1.63%	0.133%
58	15.826	2079	2083	2087	rBV5	2591	4385	0.37%	0.030%
59	15.873	2087	2091	2097	rBV3	2064	4764	0.40%	0.033%
60	15.955	2097	2105	2118	rBV	565002	917487	77.59%	6.335%
61	16.067	2118	2124	2135	rBV	171518	292636	24.75%	2.020%
62	16.190	2141	2145	2151	rVB5	7157	13365	1.13%	0.092%
63	16.313	2164	2166	2171	rVB3	3380	4137	0.35%	0.029%
64	16.390	2171	2179	2181	rBV3	3705	5262	0.44%	0.036%
65	16.519	2200	2201	2208	rVB5	1986	2396	0.20%	0.017%
66	16.584	2208	2212	2215	rBV3	2317	2912	0.25%	0.020%
67	16.625	2215	2219	2229	rBV3	16989	31790	2.69%	0.219%
68	16.819	2248	2252	2256	rBV6	3006	5812	0.49%	0.040%
69	16.901	2260	2266	2271	rBV4	3584	7825	0.66%	0.054%
70	16.966	2272	2277	2282	rBV6	3834	8102	0.69%	0.056%
71	17.083	2296	2297	2301	rBV3	4326	3072	0.26%	0.021%

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72	17.236	2318	2323	2329	rVV7	7953	12519	1.06%	0.086%
73	17.418	2347	2354	2358	rBV2	12341	23120	1.96%	0.160%
74	17.465	2360	2362	2364	rVB3	2688	2486	0.21%	0.017%
75	17.588	2377	2383	2386	rBV6	3433	6633	0.56%	0.046%
76	17.712	2394	2404	2415	rBV2	598284	1003686	84.88%	6.930%
77	17.812	2415	2421	2430	rVV	624450	1011045	85.50%	6.981%
78	17.888	2430	2434	2441	rVB7	13267	24387	2.06%	0.168%
79	17.964	2444	2447	2451	rVB6	3846	4623	0.39%	0.032%
80	18.017	2454	2456	2460	rVB5	3194	3999	0.34%	0.028%
81	18.058	2460	2463	2464	rBV3	2689	3135	0.27%	0.022%
82	18.158	2477	2480	2485	rVB3	8154	9879	0.84%	0.068%
83	18.335	2507	2510	2515	rBV4	3337	5800	0.49%	0.040%
84	18.440	2525	2528	2533	rBV5	3885	6146	0.52%	0.042%
85	18.558	2543	2548	2559	rBV2	67034	128210	10.84%	0.885%
86	18.769	2581	2584	2585	rBV3	4414	3076	0.26%	0.021%
87	18.922	2607	2610	2612	rBV3	6653	8600	0.73%	0.059%
88	19.069	2632	2635	2638	rBV5	4244	4778	0.40%	0.033%
89	19.327	2677	2679	2681	rBV3	2882	2562	0.22%	0.018%
90	19.539	2714	2715	2720	rBV5	4611	6221	0.53%	0.043%
91	19.715	2735	2745	2749	rBV10	12913	36509	3.09%	0.252%
92	19.821	2758	2763	2772	rBV4	46594	94727	8.01%	0.654%
93	19.974	2787	2789	2795	rBV7	11165	13969	1.18%	0.096%
94	20.085	2802	2808	2818	rBV	754564	1182529	100.00%	8.165%
95	22.048	3134	3142	3158	rBV	579030	1160105	98.10%	8.010%
96	24.474	3551	3555	3563	rVB3	34528	64501	5.45%	0.445%
97	25.320	3689	3699	3720	rBV	291469	1005349	85.02%	6.941%
98	25.567	3726	3741	3760	rVB	262884	1022573	86.47%	7.060%
99	26.736	3933	3940	3952	rVB4	47378	154769	13.09%	1.069%
100	28.223	4184	4193	4205	rVB4	47136	174240	14.73%	1.203%

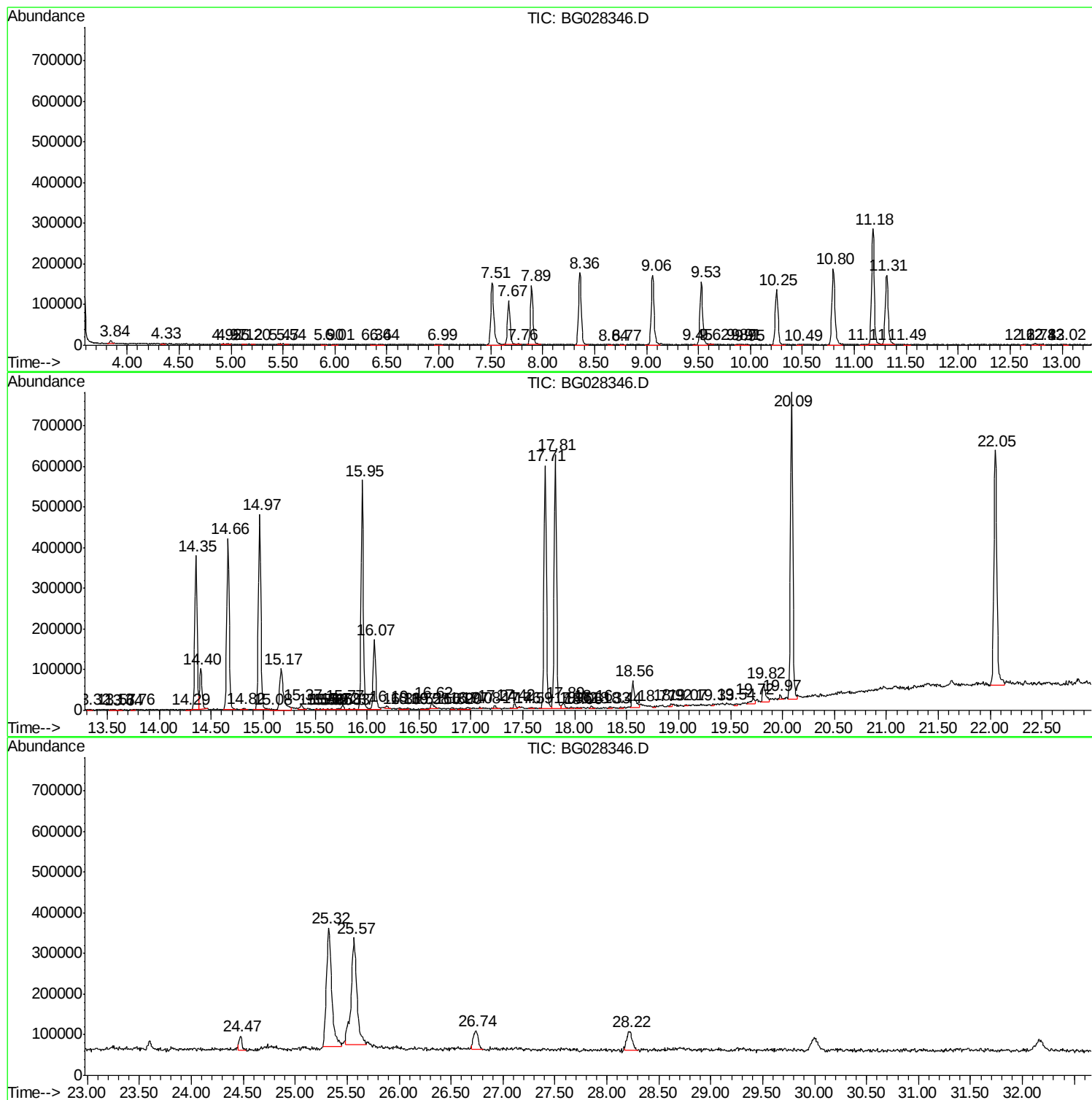
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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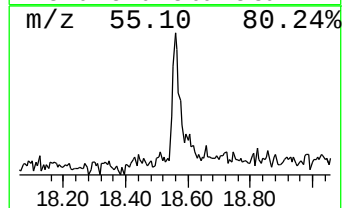
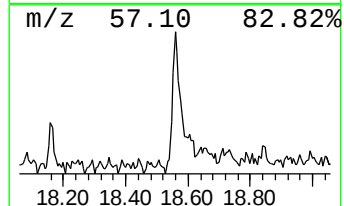
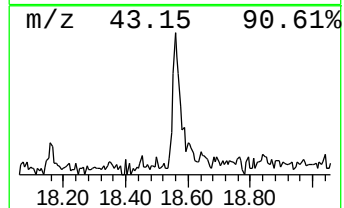
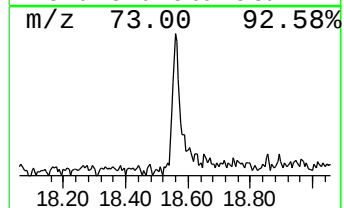
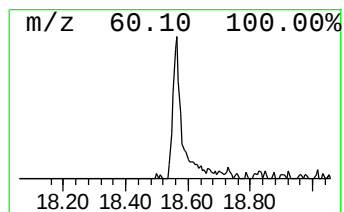
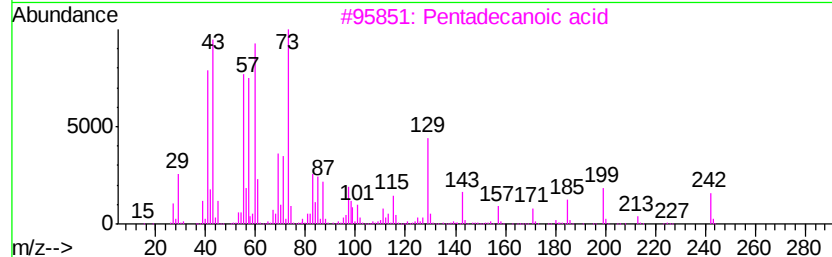
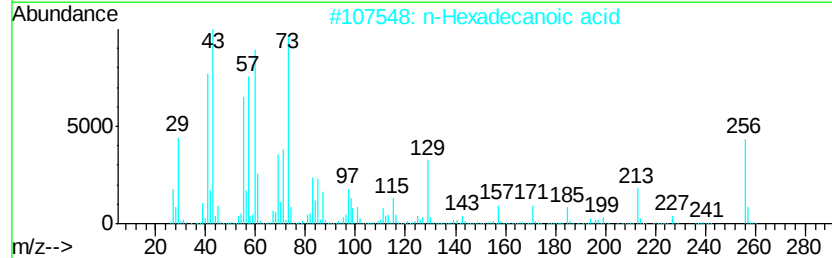
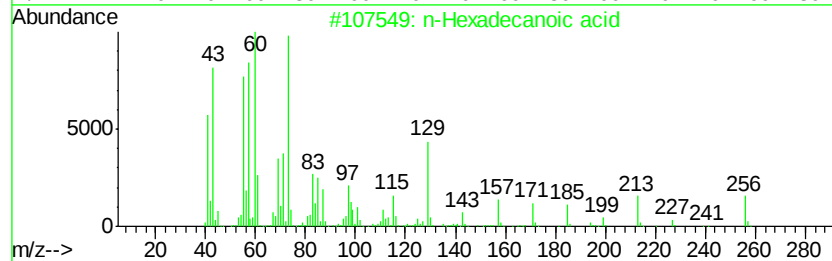
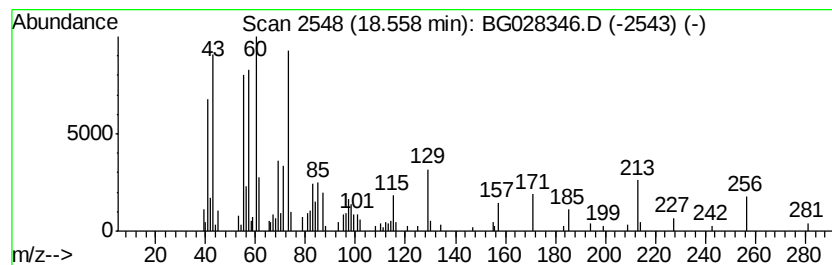
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.55 ng/ul	128210	Phenanthrene-d10	17.71

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	96	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	



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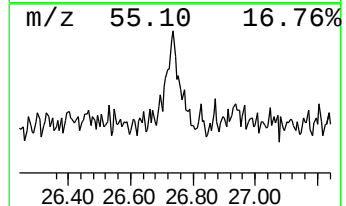
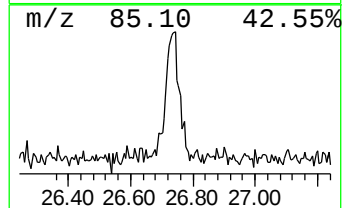
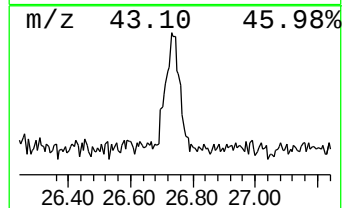
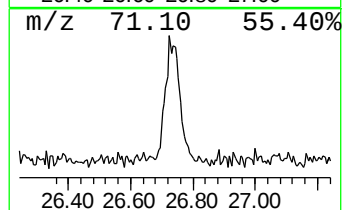
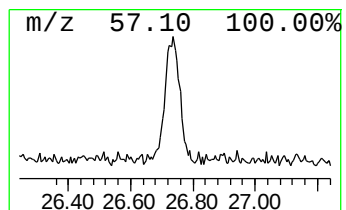
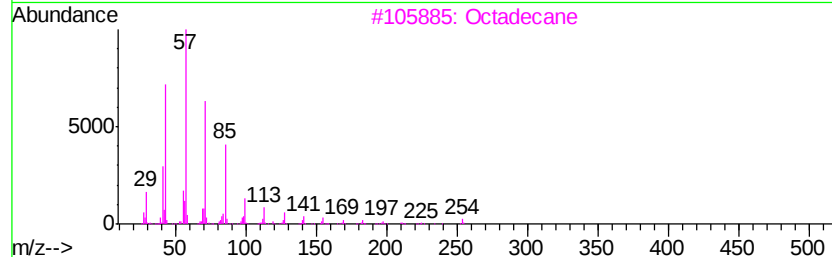
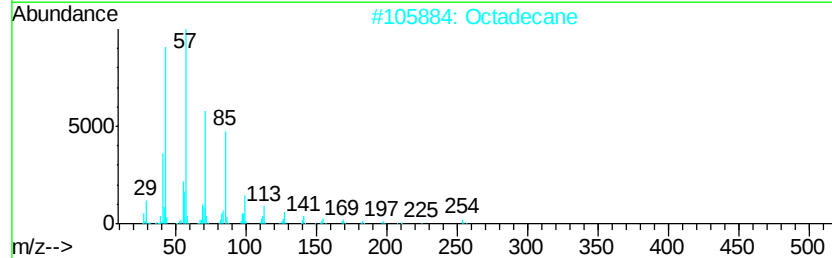
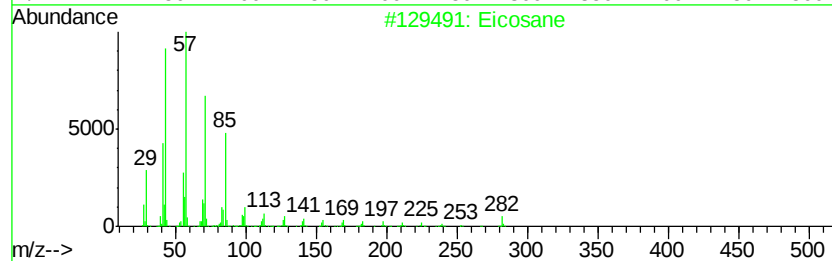
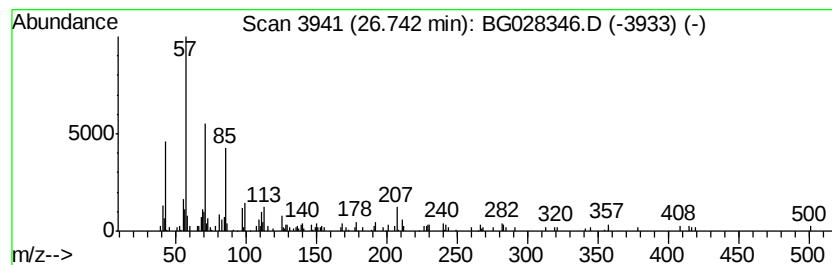
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	3.03 ng/ul	154769	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Octadecane	254	C18H38	000593-45-3	83
3		Octadecane	254	C18H38	000593-45-3	64
4		Tetratetracontane	619	C44H90	007098-22-8	58
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58



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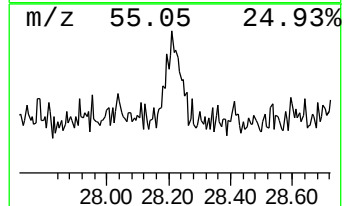
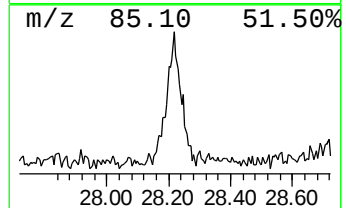
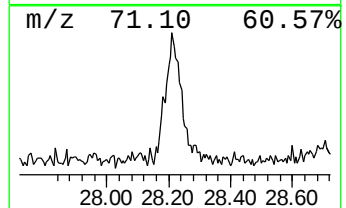
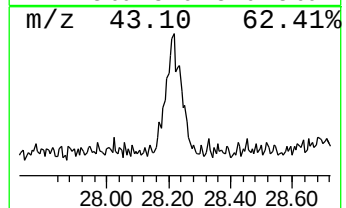
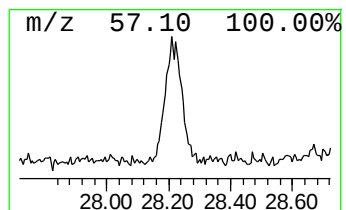
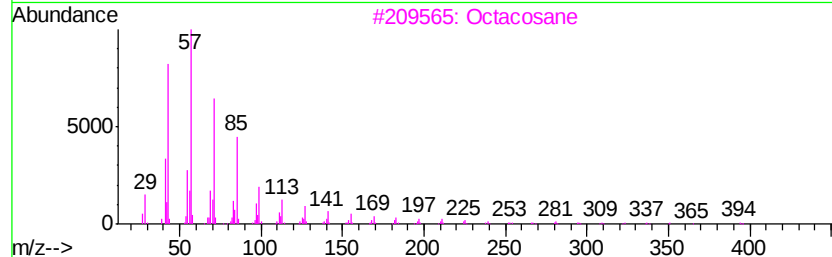
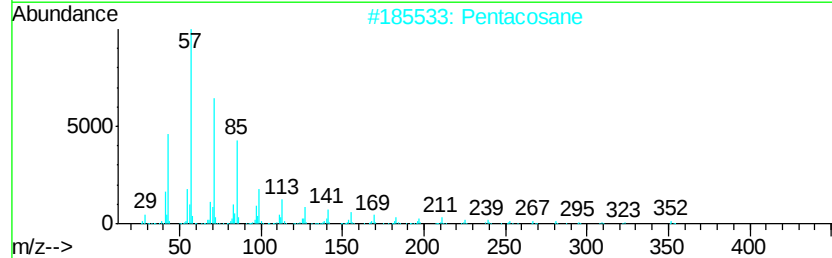
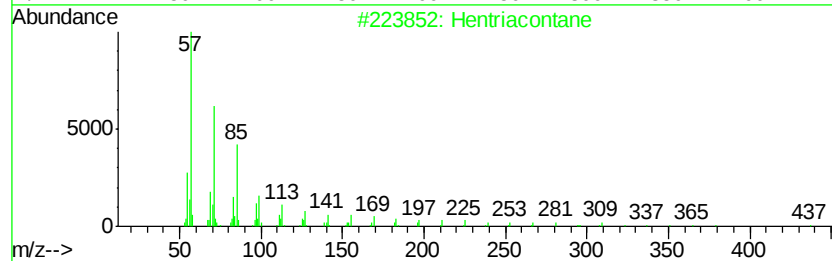
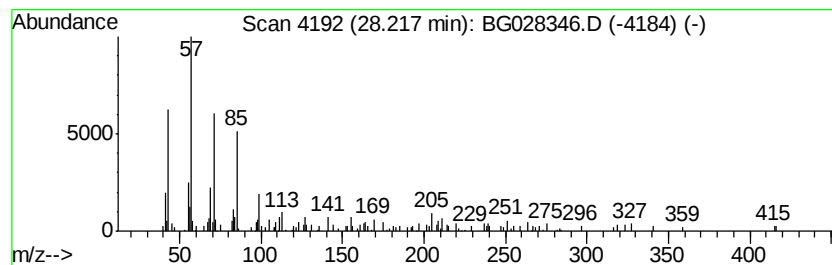
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.22	3.41 ng/ul	174240	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	58
2			Pentacosane	352	C25H52	000629-99-2	58
3			Octacosane	394	C28H58	000630-02-4	58
4			Hexacosane	366	C26H54	000630-01-3	52
5			Hexacosane	366	C26H54	000630-01-3	52



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Sample : I4672-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH5

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	2.5	ng/ul	128210	4	17.71	1003690	20.0
(DEL) Alkane: Str...	26.74	3.0	ng/ul	154769	6	25.57	1022570	20.0
(DEL) Alkane: Str...	28.22	3.4	ng/ul	174240	6	25.57	1022570	20.0