

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027505.D
 Acq On : 17 Jun 2017 13:12
 Operator : SJ/MA
 Sample : I3599-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5C92

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-BG061617.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	3.917	3	5	12	rBV5	1598	2704	0.20%	0.016%
2	4.082	28	33	42	rVV2	8292	15016	1.11%	0.090%
3	5.927	342	347	355	rBV4	1650	3767	0.28%	0.023%
4	6.608	458	463	470	rVB5	1836	3547	0.26%	0.021%
5	6.749	478	487	490	rBV5	1502	2652	0.20%	0.016%
6	7.449	600	606	612	rBV4	3572	7888	0.58%	0.047%
7	7.654	631	641	657	rBV	157596	307339	22.74%	1.851%
8	7.830	664	671	681	rBV	130031	224434	16.61%	1.351%
9	8.054	701	709	720	rBV	149849	270486	20.02%	1.629%
10	8.518	777	788	801	rVB	154918	285532	21.13%	1.719%
11	9.194	892	903	914	rBV	195933	362582	26.83%	2.183%
12	9.681	978	986	993	rBV	147860	285511	21.13%	1.719%
13	9.734	993	995	1003	rVB4	6175	10454	0.77%	0.063%
14	10.404	1100	1109	1118	rBV2	126312	235607	17.44%	1.419%
15	10.586	1133	1140	1148	rBV5	2396	6088	0.45%	0.037%
16	10.945	1189	1201	1213	rBV	190280	364036	26.94%	2.192%
17	11.338	1259	1268	1281	rVB	252771	480226	35.54%	2.892%
18	11.462	1281	1289	1305	rBV	197363	379029	28.05%	2.282%
19	12.883	1522	1531	1537	rVB4	2482	5344	0.40%	0.032%
20	13.465	1622	1630	1634	rBV4	1593	2965	0.22%	0.018%
21	13.700	1660	1670	1673	rVV5	2301	4192	0.31%	0.025%
22	13.753	1673	1679	1691	rVB4	1988	4795	0.35%	0.029%
23	14.487	1796	1804	1809	rVV	423537	668762	49.49%	4.027%
24	14.534	1809	1812	1819	rVV	185403	269378	19.94%	1.622%
25	14.805	1849	1858	1870	rBV	429201	734440	54.35%	4.422%
26	14.957	1877	1884	1891	rBV3	8536	13359	0.99%	0.080%
27	15.104	1900	1909	1923	rVB2	434155	742429	54.94%	4.471%
28	15.269	1929	1937	1952	rBV	197540	353358	26.15%	2.128%
29	15.469	1964	1971	1982	rBV5	12045	28110	2.08%	0.169%
30	15.569	1985	1988	1996	rVB5	3838	6529	0.48%	0.039%
31	15.639	1996	2000	2004	rVB5	2001	2835	0.21%	0.017%
32	15.862	2033	2038	2040	rBV4	2818	3958	0.29%	0.024%
33	15.898	2040	2044	2050	rVB	20557	27789	2.06%	0.167%
34	15.962	2050	2055	2059	rBV6	1786	3380	0.25%	0.020%

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35	16.091	2069	2077	2086	rBV	647584	1010086	74.75%	6.082%
36	16.191	2086	2094	2104	rVB	219306	351102	25.98%	2.114%
37	16.309	2104	2114	2116	rBV6	6253	14974	1.11%	0.090%
38	16.326	2116	2117	2124	rVB7	6466	8534	0.63%	0.051%
39	16.403	2126	2130	2134	rVB4	2419	3179	0.24%	0.019%
40	16.456	2134	2139	2147	rVB6	3652	6067	0.45%	0.037%
41	16.526	2147	2151	2155	rBV5	3716	4984	0.37%	0.030%
42	16.761	2186	2191	2201	rBV	27491	45354	3.36%	0.273%
43	16.955	2221	2224	2230	rVB6	1697	2872	0.21%	0.017%
44	17.043	2235	2239	2243	rVB6	2607	3079	0.23%	0.019%
45	17.114	2243	2251	2255	rBV6	3557	8491	0.63%	0.051%
46	17.220	2263	2269	2275	rVB6	3962	8926	0.66%	0.054%
47	17.272	2275	2278	2282	rBV4	3325	3818	0.28%	0.023%
48	17.337	2286	2289	2294	rVB5	2695	2646	0.20%	0.016%
49	17.554	2322	2326	2333	rBV	17385	27840	2.06%	0.168%
50	17.607	2333	2335	2338	rVV3	3078	3302	0.24%	0.020%
51	17.637	2339	2340	2345	rVV3	3661	4759	0.35%	0.029%
52	17.713	2350	2353	2360	rVB6	1826	2973	0.22%	0.018%
53	17.854	2368	2377	2387	rBV2	598325	976641	72.28%	5.881%
54	17.954	2387	2394	2405	rVB2	716527	1168537	86.48%	7.036%
55	18.036	2406	2408	2414	rVB5	2113	2817	0.21%	0.017%
56	18.095	2414	2418	2422	rBV6	3161	3572	0.26%	0.022%
57	18.301	2448	2453	2458	rBV3	6937	9754	0.72%	0.059%
58	18.471	2479	2482	2489	rVB5	2632	4490	0.33%	0.027%
59	18.583	2494	2501	2502	rBV4	3112	5114	0.38%	0.031%
60	18.694	2514	2520	2531	rBV	92532	166821	12.35%	1.005%
61	18.923	2555	2559	2562	rVB4	1805	2673	0.20%	0.016%
62	18.982	2565	2569	2573	rVB6	3064	3631	0.27%	0.022%
63	19.382	2632	2637	2639	rVV4	2180	2960	0.22%	0.018%
64	19.429	2639	2645	2651	rBV8	1763	4644	0.34%	0.028%
65	19.611	2671	2676	2678	rBV6	1854	3246	0.24%	0.020%
66	19.693	2686	2690	2691	rBV4	2712	3214	0.24%	0.019%
67	19.852	2707	2717	2727	rBV7	12113	38034	2.81%	0.229%
68	19.952	2729	2734	2747	rBV3	37091	71157	5.27%	0.428%
69	20.110	2756	2761	2766	rVB6	7168	14327	1.06%	0.086%
70	20.222	2770	2780	2793	rVB	910720	1351278	100.00%	8.137%
71	20.492	2820	2826	2829	rBV	29322	37249	2.76%	0.224%

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72	20.527	2829	2832	2841	rVB	59117	70345	5.21%	0.424%
73	20.645	2848	2852	2857	rBV3	12804	20057	1.48%	0.121%
74	20.704	2859	2862	2867	rVB6	2673	2990	0.22%	0.018%
75	20.815	2879	2881	2885	rVB5	3062	4025	0.30%	0.024%
76	21.056	2919	2922	2924	rBV3	3247	3563	0.26%	0.021%
77	21.156	2935	2939	2942	rBV5	6153	7903	0.58%	0.048%
78	21.191	2942	2945	2949	rVB3	5136	9077	0.67%	0.055%
79	21.538	2998	3004	3007	rBV2	28672	42620	3.15%	0.257%
80	21.573	3007	3010	3019	rVB2	53402	74037	5.48%	0.446%
81	21.697	3026	3031	3034	rBV6	7549	12658	0.94%	0.076%
82	21.785	3040	3046	3052	rBV5	27951	66480	4.92%	0.400%
83	22.055	3088	3092	3098	rVB6	8184	15786	1.17%	0.095%
84	22.231	3113	3122	3131	rBV	568529	1108920	82.06%	6.677%
85	22.660	3193	3195	3202	rVB7	5098	8095	0.60%	0.049%
86	22.760	3206	3212	3215	rBV6	13262	23820	1.76%	0.143%
87	22.807	3215	3220	3226	rVB4	24211	42805	3.17%	0.258%
88	23.071	3261	3265	3272	rVB7	14024	23839	1.76%	0.144%
89	23.853	3390	3398	3407	rVB4	33184	77248	5.72%	0.465%
90	24.082	3430	3437	3446	rBV	37815	85669	6.34%	0.516%
91	24.346	3475	3482	3486	rBV8	9218	20326	1.50%	0.122%
92	24.411	3486	3493	3501	rVB4	18713	42279	3.13%	0.255%
93	24.769	3546	3554	3563	rVB3	44109	101410	7.50%	0.611%
94	25.627	3688	3700	3714	rBV2	400014	1294197	95.78%	7.793%
95	25.880	3730	3743	3760	rVB3	350623	1263049	93.47%	7.605%
96	27.155	3948	3960	3973	rVB3	60569	214626	15.88%	1.292%
97	27.807	4068	4071	4073	rBV3	3640	5108	0.38%	0.031%
98	28.271	4148	4150	4152	rBV3	3680	3248	0.24%	0.020%
99	28.712	4211	4225	4237	rBV3	59497	231344	17.12%	1.393%
100	30.586	4531	4544	4564	rVB6	46234	229924	17.02%	1.384%

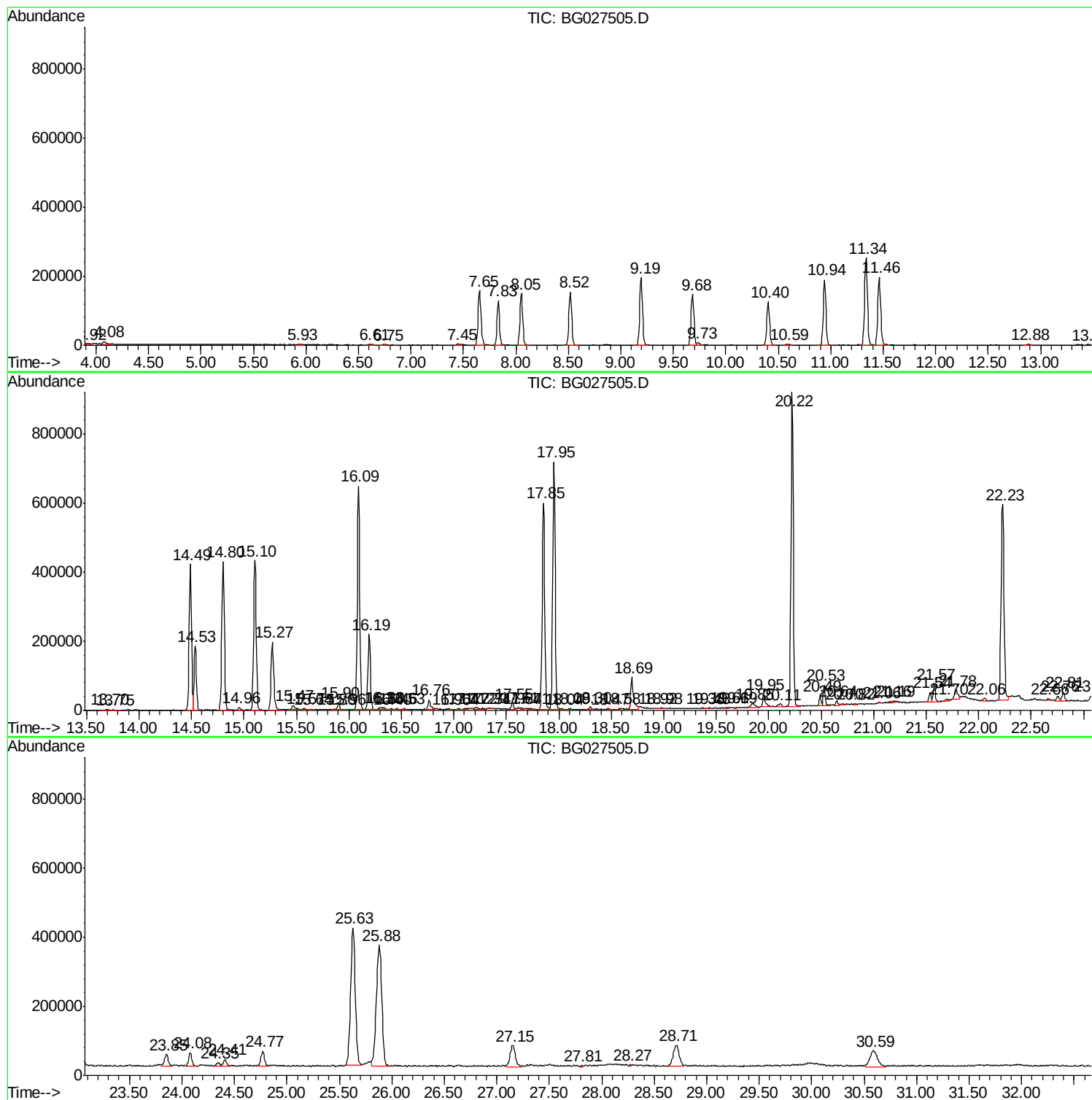
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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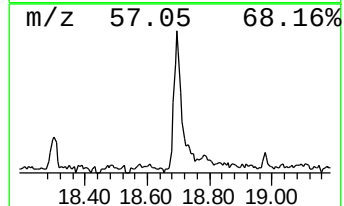
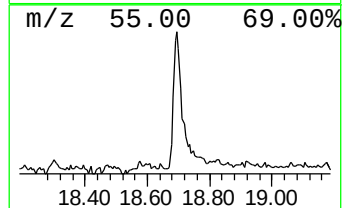
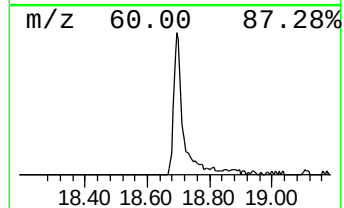
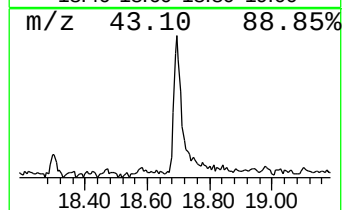
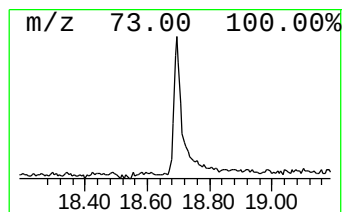
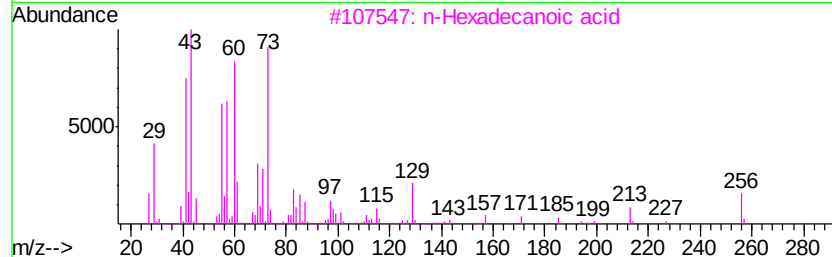
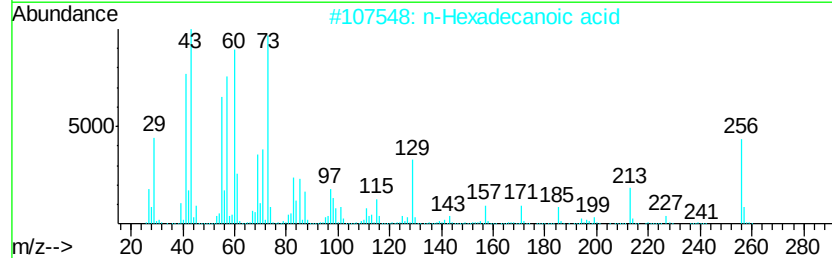
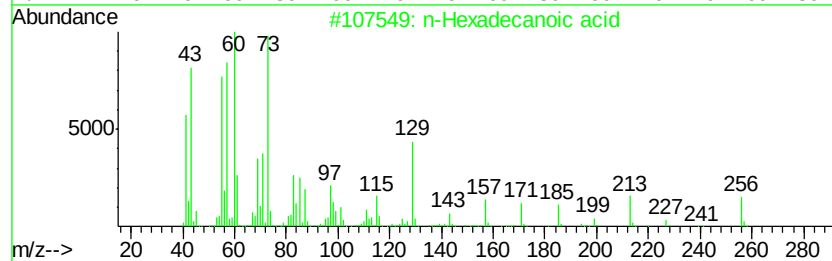
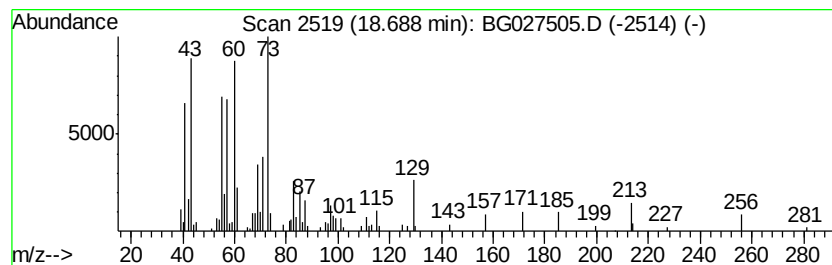
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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.	
18.69	3.42 ng/ul	166821	Phenanthrene-d10		17.85	
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	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	



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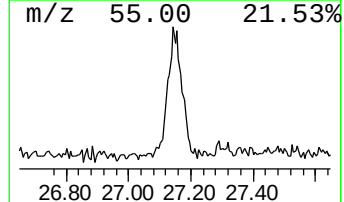
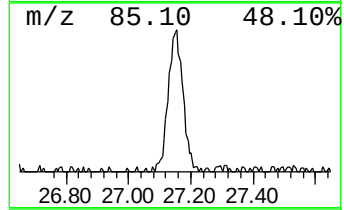
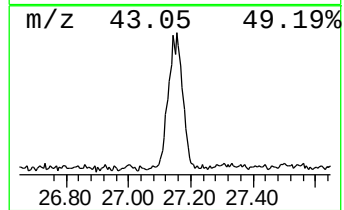
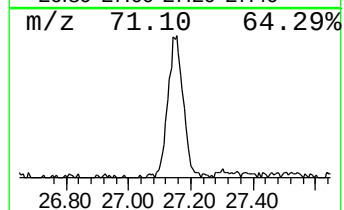
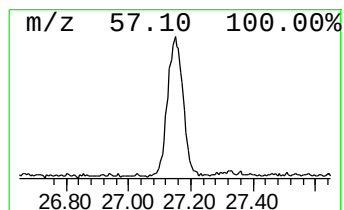
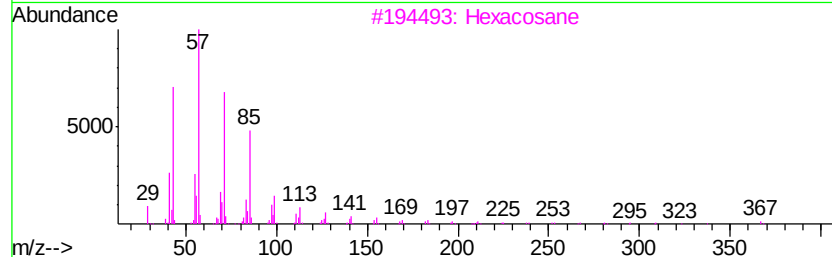
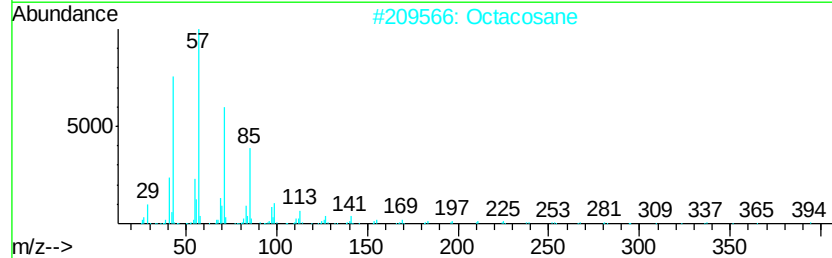
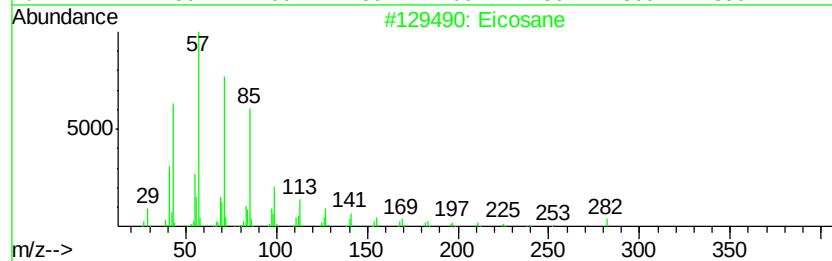
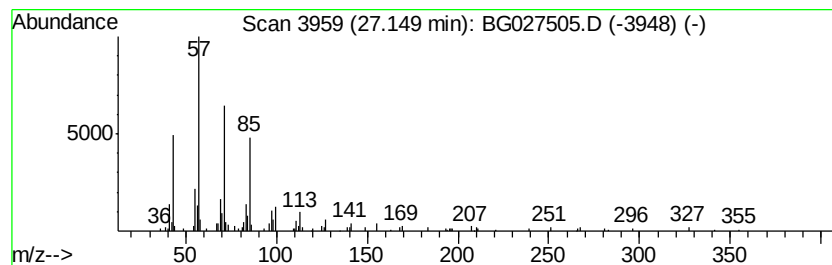
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	3.40 ng/ul	214626	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Octacosane	394	C28H58	000630-02-4	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



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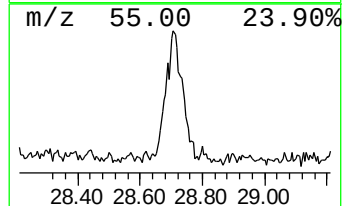
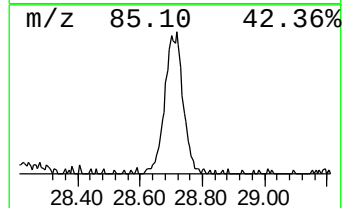
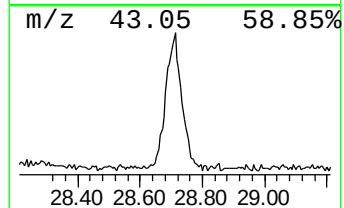
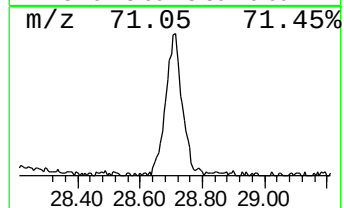
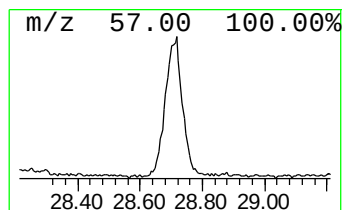
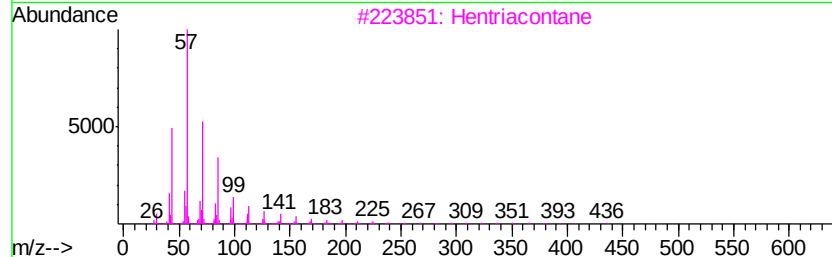
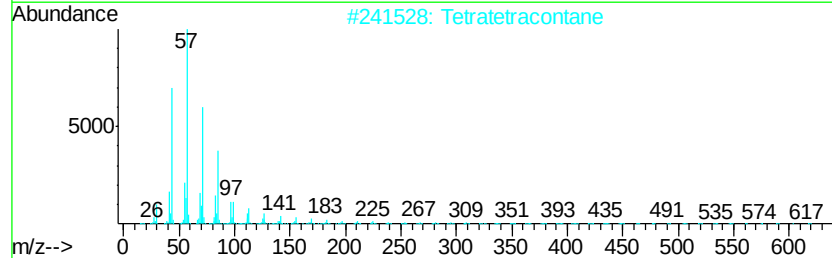
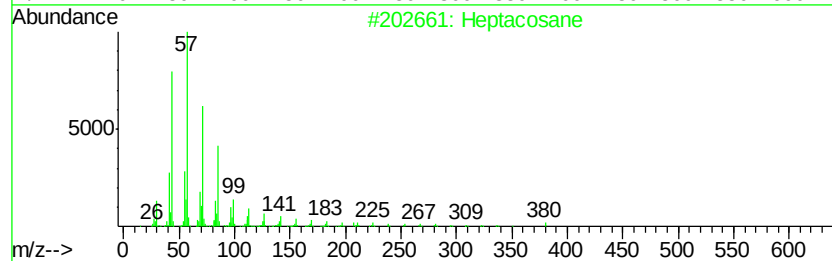
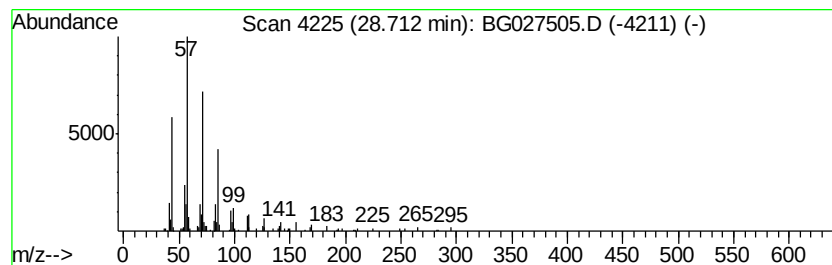
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.71	3.66 ng/ul	231344	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	90



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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C92

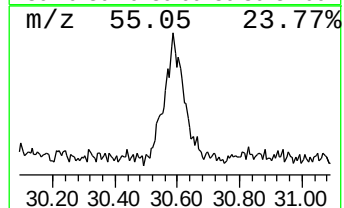
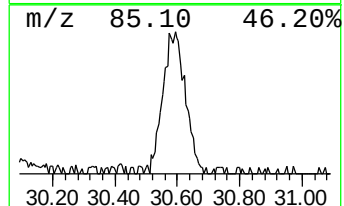
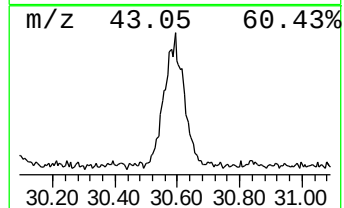
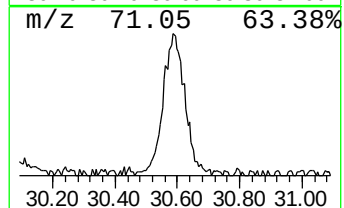
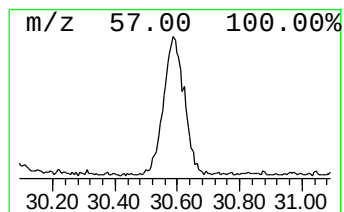
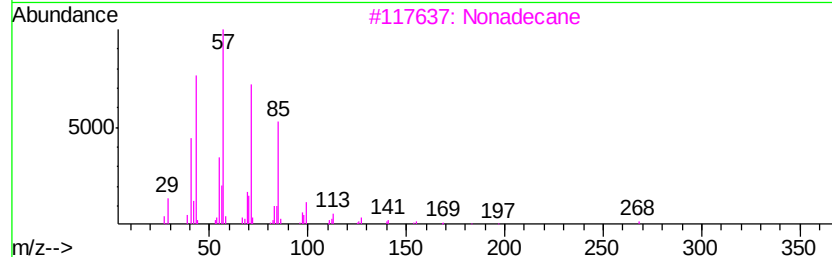
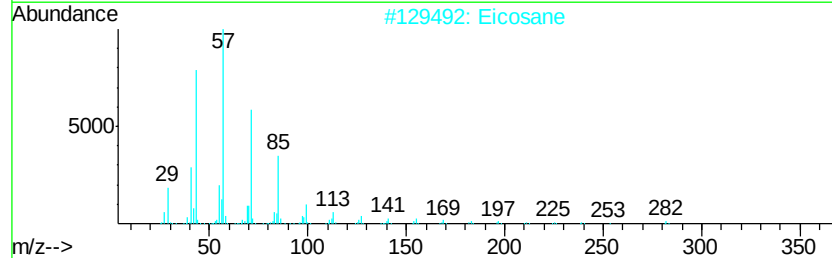
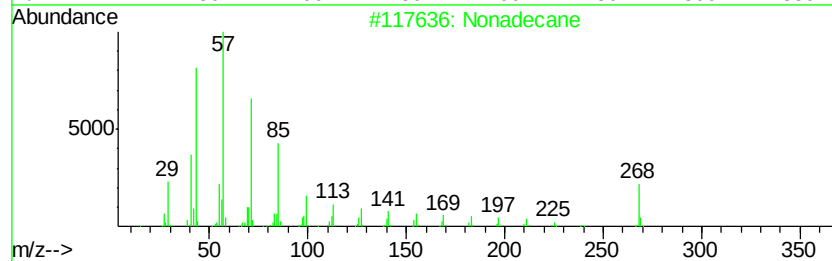
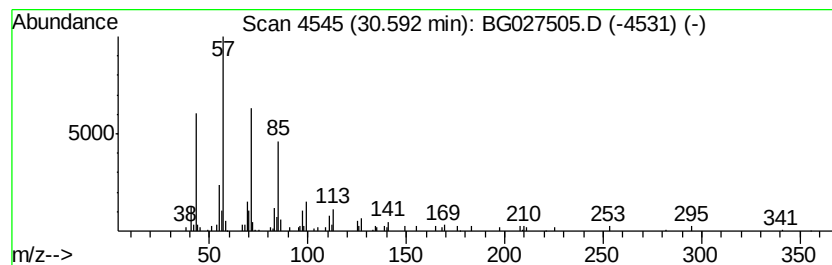
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Quant Title : SVOA CALIBRATION

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.
30.59	3.64 ng/ul	229924	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Eicosane	282	C20H42	000112-95-8	91
3		Nonadecane	268	C19H40	000629-92-5	89
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027505.D
Acq On : 17 Jun 2017 13:12
Operator : SJ/MA
Sample : I3599-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C92

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	18.69	3.4	ng/ul	166821	4	17.85	976641	20.0
(DEL) Alkane: Str...	27.15	3.4	ng/ul	214626	6	25.88	1263050	20.0
(DEL) Alkane: Str...	28.71	3.7	ng/ul	231344	6	25.88	1263050	20.0
(DEL) Alkane: Str...	30.59	3.6	ng/ul	229924	6	25.88	1263050	20.0