

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028402.D
 Acq On : 21 Aug 2017 23:59
 Operator : SJ/JU
 Sample : I4713-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC9

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	3.670	13	14	19	rVB3	4999	5215	0.45%	0.041%
2	3.829	37	41	47	rVB6	6968	11330	0.98%	0.088%
3	4.093	81	86	91	rBV3	4213	7625	0.66%	0.060%
4	4.234	107	110	116	rVB3	3358	4680	0.40%	0.037%
5	4.334	116	127	133	rVB4	8137	15279	1.32%	0.119%
6	4.910	223	225	229	rBV5	2659	3486	0.30%	0.027%
7	5.444	313	316	322	rVB3	3912	6759	0.58%	0.053%
8	5.715	358	362	364	rBV3	2837	3488	0.30%	0.027%
9	5.909	390	395	400	rVB2	1898	3704	0.32%	0.029%
10	6.132	429	433	439	rVB4	2723	4306	0.37%	0.034%
11	6.543	499	503	508	rBV3	1853	4005	0.35%	0.031%
12	6.966	568	575	580	rBV5	2518	5014	0.43%	0.039%
13	7.495	658	665	677	rBV2	110370	229257	19.78%	1.790%
14	7.654	684	692	706	rBV	80324	148915	12.85%	1.163%
15	7.877	722	730	743	rBV	106453	198325	17.11%	1.549%
16	8.341	802	809	819	rBV	122004	218686	18.86%	1.707%
17	8.506	833	837	839	rBV3	2402	3494	0.30%	0.027%
18	8.788	882	885	891	rVB2	1926	3775	0.33%	0.029%
19	9.040	919	928	937	rBV	97862	191032	16.48%	1.492%
20	9.510	999	1008	1017	rBV	106931	207651	17.91%	1.621%
21	10.233	1124	1131	1141	rBV2	95098	181150	15.63%	1.414%
22	10.480	1166	1173	1180	rVB3	1794	4879	0.42%	0.038%
23	10.709	1206	1212	1215	rVB2	2291	3902	0.34%	0.030%
24	10.779	1215	1224	1236	rBV2	137801	272107	23.47%	2.125%
25	11.161	1281	1289	1300	rVB	176935	331344	28.58%	2.587%
26	11.291	1304	1311	1325	rVV2	107598	226598	19.55%	1.769%
27	11.696	1371	1380	1382	rBV4	2092	5057	0.44%	0.039%
28	12.624	1532	1538	1546	rBV6	2709	8621	0.74%	0.067%
29	12.724	1549	1555	1558	rBV4	3177	4578	0.39%	0.036%
30	13.135	1622	1625	1630	rVB3	2863	4209	0.36%	0.033%
31	13.300	1648	1653	1657	rBV3	3015	4901	0.42%	0.038%
32	13.547	1686	1695	1699	rBV6	4621	11135	0.96%	0.087%
33	13.735	1723	1727	1734	rBV5	2724	6624	0.57%	0.052%
34	14.340	1821	1830	1834	rBV	332045	501099	43.23%	3.913%

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35	14.387	1834	1838	1844	rVB	126104	187926	16.21%	1.467%
36	14.569	1868	1869	1875	rVV3	2841	4120	0.36%	0.032%
37	14.645	1875	1882	1891	rVV	319320	521719	45.01%	4.074%
38	14.816	1905	1911	1914	rVV6	3181	5807	0.50%	0.045%
39	14.951	1926	1934	1946	rVB	318381	524522	45.25%	4.095%
40	15.151	1960	1968	1981	rBV2	90044	221292	19.09%	1.728%
41	15.350	1990	2002	2009	rVB2	11445	35793	3.09%	0.279%
42	15.703	2057	2062	2065	rBV4	3392	6416	0.55%	0.050%
43	15.750	2066	2070	2076	rVV2	11751	15659	1.35%	0.122%
44	15.803	2076	2079	2083	rVB3	2591	3289	0.28%	0.026%
45	15.938	2095	2102	2109	rBV	490805	727130	62.73%	5.677%
46	16.056	2115	2122	2131	rBV	163374	267352	23.06%	2.087%
47	16.173	2135	2142	2150	rVB9	6867	17567	1.52%	0.137%
48	16.302	2161	2164	2171	rBV5	2974	5075	0.44%	0.040%
49	16.520	2192	2201	2203	rBV4	3160	6628	0.57%	0.052%
50	16.614	2212	2217	2231	rVV3	15156	31186	2.69%	0.243%
51	16.802	2247	2249	2256	rVB5	5652	9238	0.80%	0.072%
52	16.855	2256	2258	2260	rBV3	3086	3251	0.28%	0.025%
53	16.896	2260	2265	2268	rVB4	2816	5585	0.48%	0.044%
54	16.954	2268	2275	2279	rBV6	3892	9136	0.79%	0.071%
55	17.013	2282	2285	2289	rVB4	4655	7625	0.66%	0.060%
56	17.060	2289	2293	2297	rBV6	4913	8706	0.75%	0.068%
57	17.125	2301	2304	2307	rVB4	3365	3550	0.31%	0.028%
58	17.219	2310	2320	2325	rVV6	21261	35848	3.09%	0.280%
59	17.407	2345	2352	2356	rBV3	13206	18603	1.60%	0.145%
60	17.560	2376	2378	2383	rVB3	2731	3777	0.33%	0.029%
61	17.701	2393	2402	2411	rBV2	488832	793703	68.47%	6.197%
62	17.795	2411	2418	2429	rVV2	562985	904223	78.00%	7.060%
63	17.871	2429	2431	2437	rVB4	6423	8427	0.73%	0.066%
64	17.959	2441	2446	2448	rBV6	2934	4919	0.42%	0.038%
65	18.147	2474	2478	2483	rBV4	8797	13701	1.18%	0.107%
66	18.547	2540	2546	2556	rBV3	67244	124357	10.73%	0.971%
67	18.617	2557	2558	2565	rVB7	7254	11160	0.96%	0.087%
68	18.752	2577	2581	2583	rBV4	3329	4214	0.36%	0.033%
69	18.829	2590	2594	2596	rBV4	4594	4242	0.37%	0.033%
70	18.935	2607	2612	2614	rBV6	7828	12682	1.09%	0.099%
71	19.070	2633	2635	2641	rVB7	4693	8808	0.76%	0.069%

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72	19.123	2641	2644	2647	rBV4	4290	5874	0.51%	0.046%
73	19.281	2667	2671	2674	rBV4	3869	6125	0.53%	0.048%
74	19.393	2688	2690	2697	rVB8	3349	6004	0.52%	0.047%
75	19.463	2697	2702	2708	rBV6	3639	7495	0.65%	0.059%
76	19.604	2722	2726	2728	rBV3	4375	4931	0.43%	0.039%
77	19.669	2733	2737	2740	rBV4	6419	9963	0.86%	0.078%
78	19.704	2740	2743	2748	rVB5	8962	15071	1.30%	0.118%
79	19.804	2755	2760	2769	rBV4	73734	130664	11.27%	1.020%
80	19.939	2780	2783	2784	rVV3	5130	3732	0.32%	0.029%
81	19.963	2784	2787	2794	rVB7	10729	14522	1.25%	0.113%
82	20.074	2799	2806	2815	rBV	791807	1159222	100.00%	9.051%
83	20.345	2847	2852	2855	rBV2	27423	31294	2.70%	0.244%
84	20.380	2855	2858	2864	rVB3	40610	46347	4.00%	0.362%
85	20.844	2935	2937	2942	rBV6	5219	8949	0.77%	0.070%
86	21.056	2970	2973	2977	rBV5	10767	11184	0.96%	0.087%
87	21.296	3012	3014	3015	rBV	8730	5815	0.50%	0.045%
88	21.361	3022	3025	3028	rVB4	13445	12689	1.09%	0.099%
89	21.402	3029	3032	3042	rVB5	27844	47312	4.08%	0.369%
90	21.596	3059	3065	3077	rBV5	16784	41480	3.58%	0.324%
91	22.025	3130	3138	3149	rBV	506381	928971	80.14%	7.253%
92	22.824	3271	3274	3279	rVB6	11015	13376	1.15%	0.104%
93	23.570	3396	3401	3411	rVB8	27760	56497	4.87%	0.441%
94	24.440	3543	3549	3557	rBV4	31516	70579	6.09%	0.551%
95	25.286	3681	3693	3707	rBV3	352433	1076336	92.85%	8.404%
96	25.527	3716	3734	3749	rBV2	287717	1021207	88.09%	7.974%
97	26.696	3924	3933	3945	rVB4	49902	158830	13.70%	1.240%
98	28.159	4173	4182	4197	rVB4	51268	172931	14.92%	1.350%
99	29.933	4474	4484	4498	rVB3	40244	152663	13.17%	1.192%
100	32.084	4839	4850	4870	rVB10	31933	167887	14.48%	1.311%

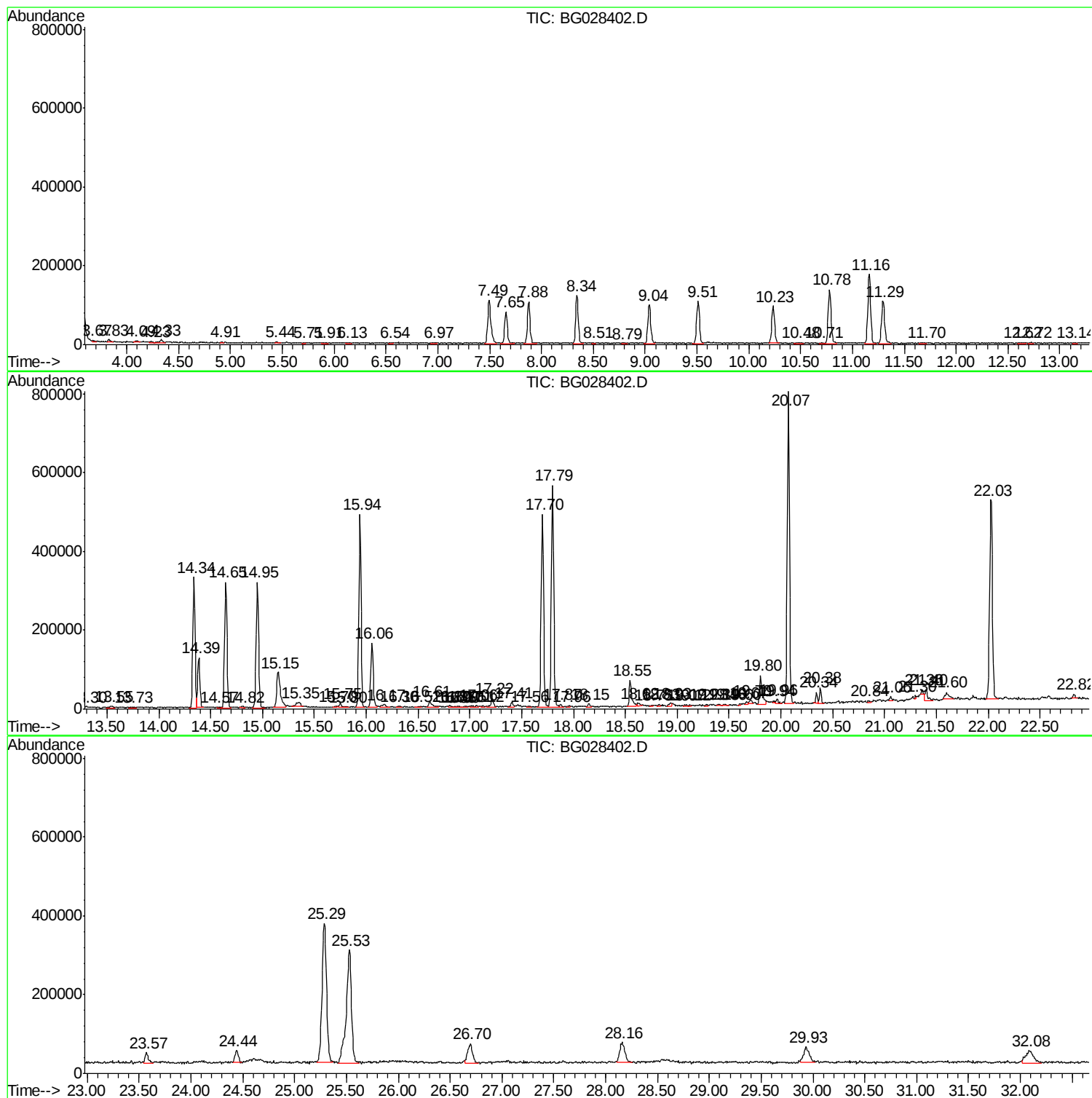
Sum of corrected areas: 12807416

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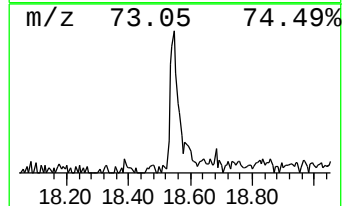
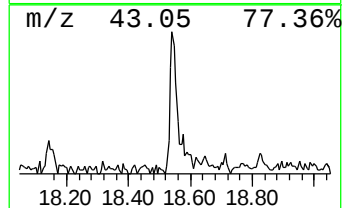
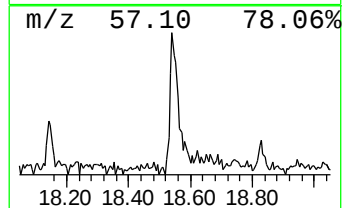
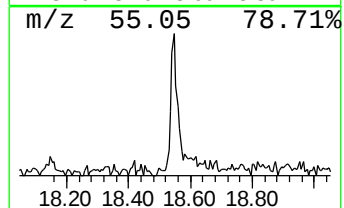
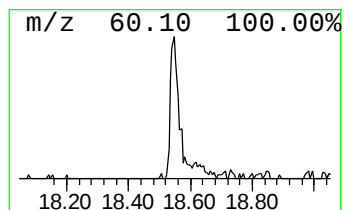
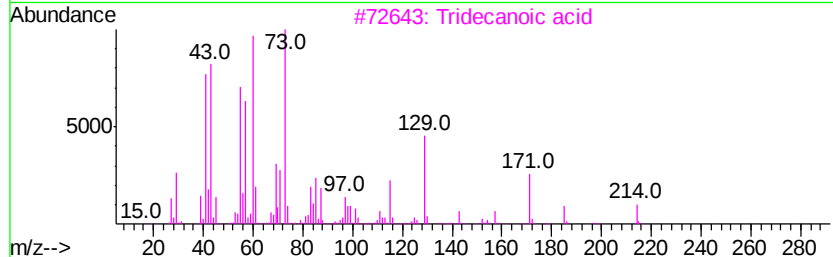
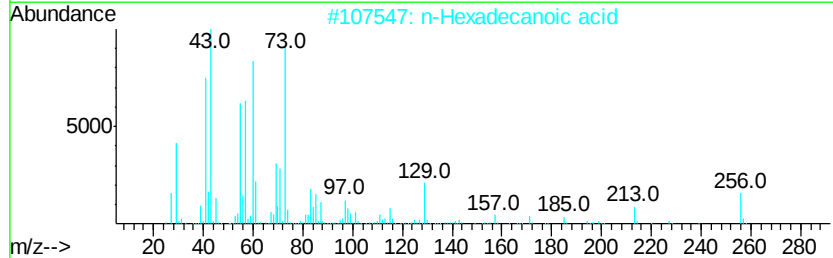
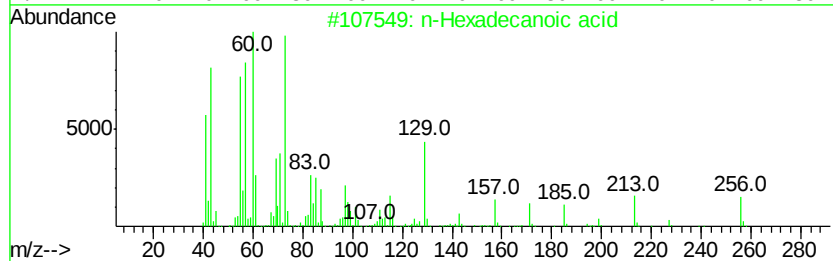
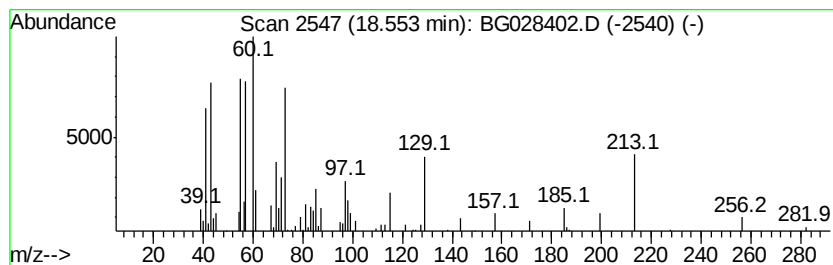
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.55	3.13 ng/ul	124357	Phenanthrene-d10	17.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53	



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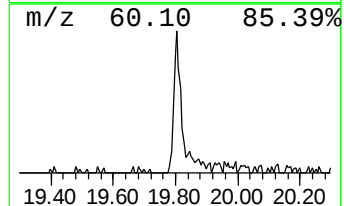
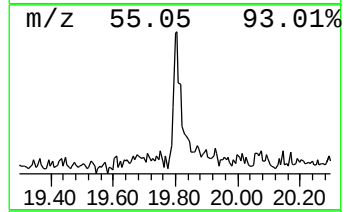
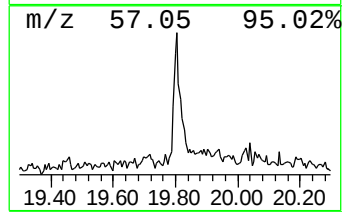
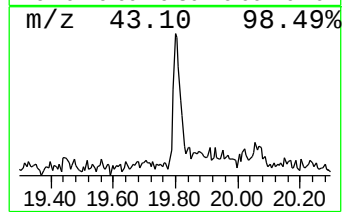
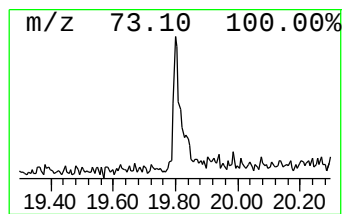
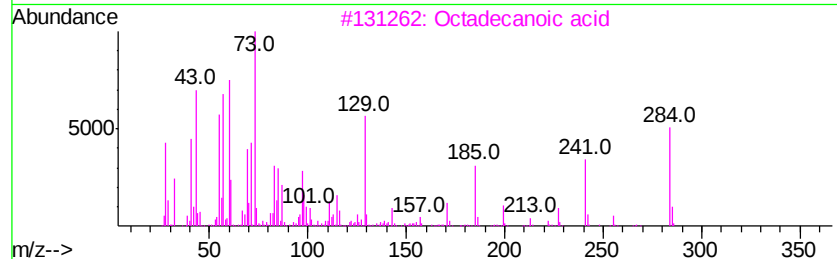
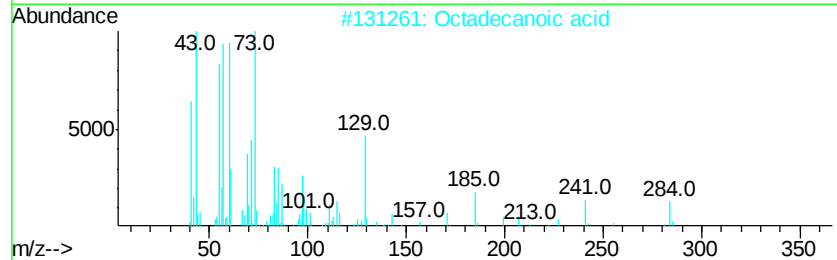
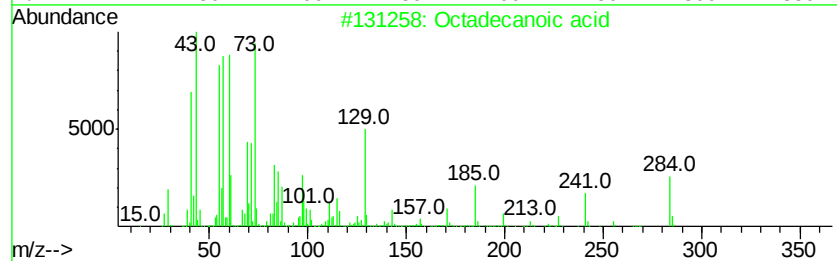
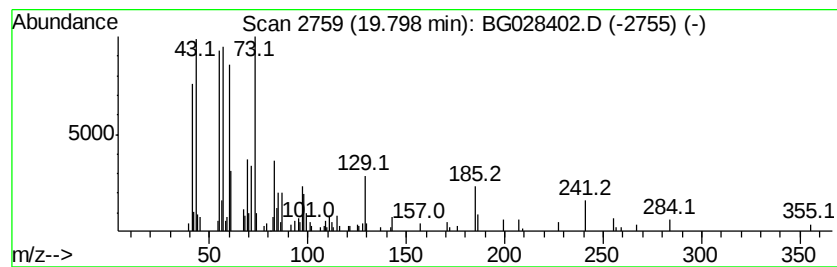
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.29 ng/ul	130664	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	97
3			Octadecanoic acid	284	C18H36O2	000057-11-4	96
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	78



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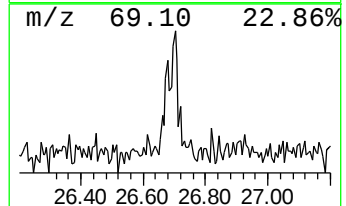
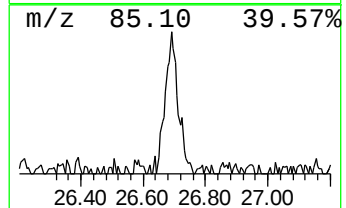
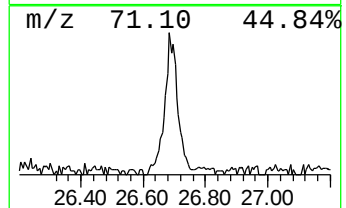
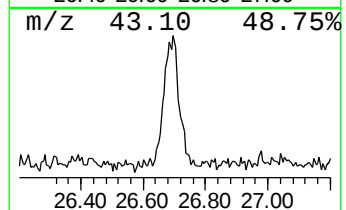
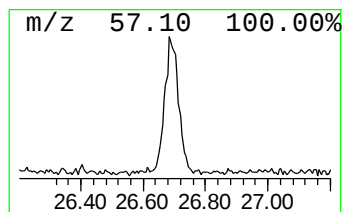
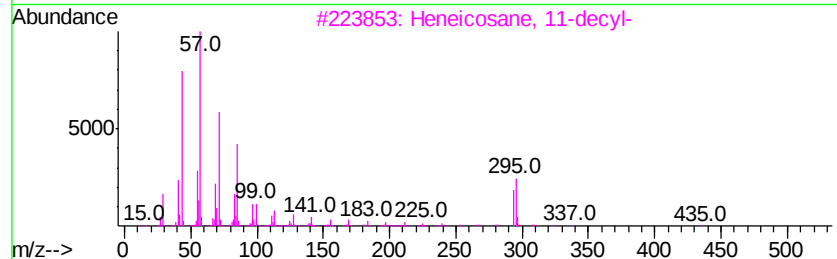
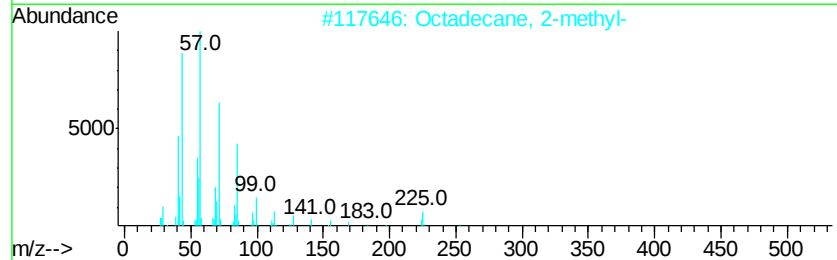
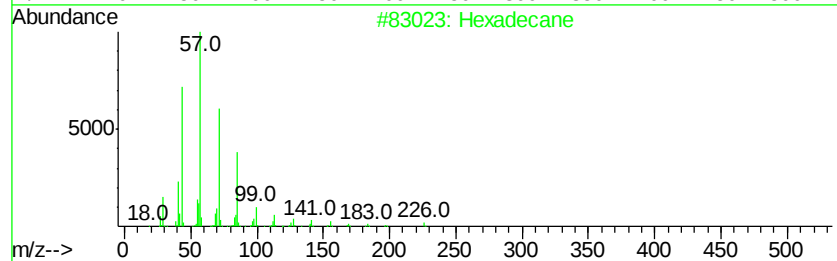
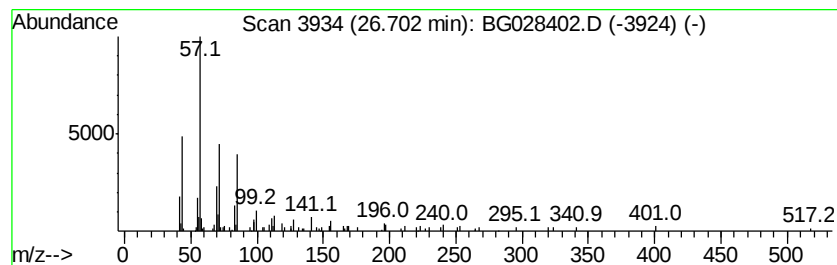
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	3.11 ng/ul	158830	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	76
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	72
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64



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Data File : BG028402.D
Acq On : 21 Aug 2017 23:59
Operator : SJ/JU
Sample : I4713-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC9

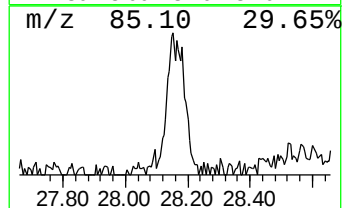
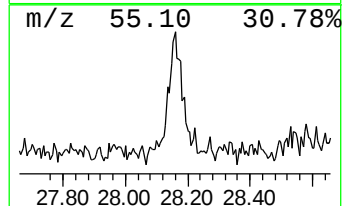
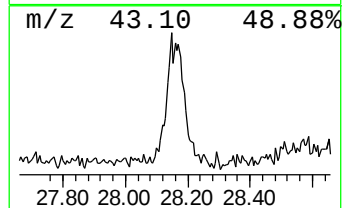
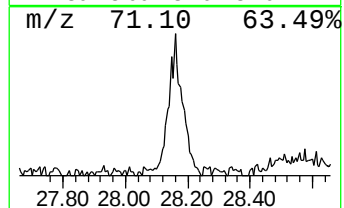
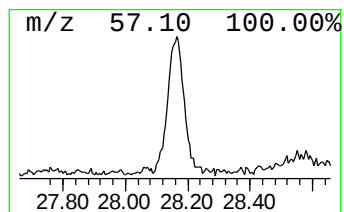
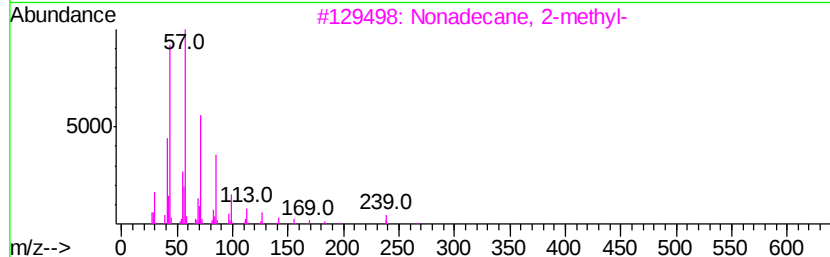
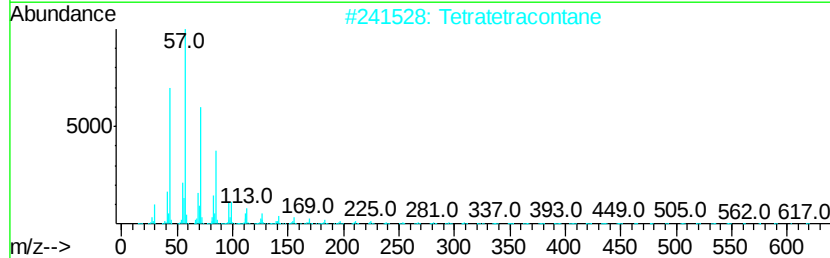
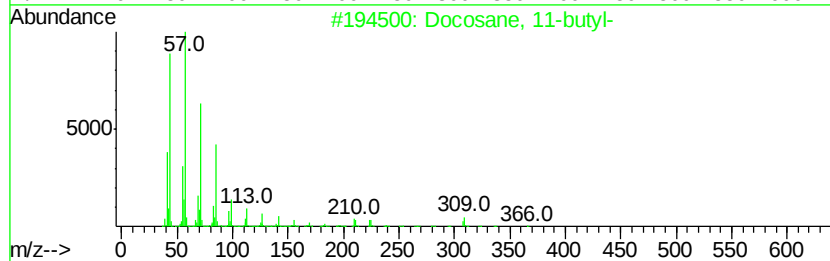
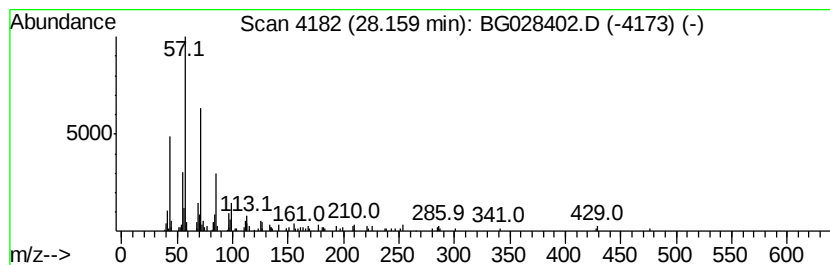
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Quant Title : SVOA CALIBRATION

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	3.39 ng/ul	172931	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
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Sample : I4713-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC9

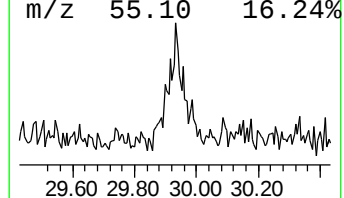
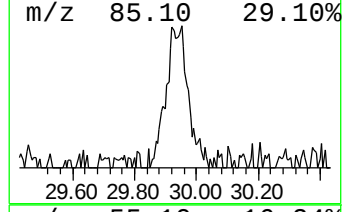
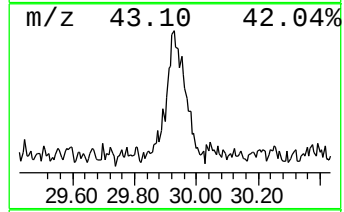
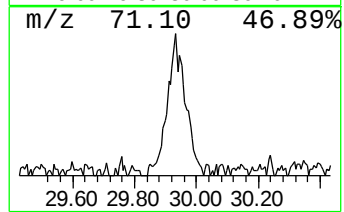
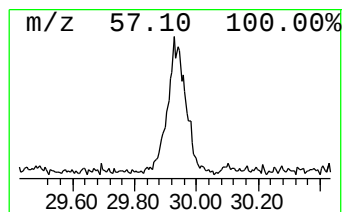
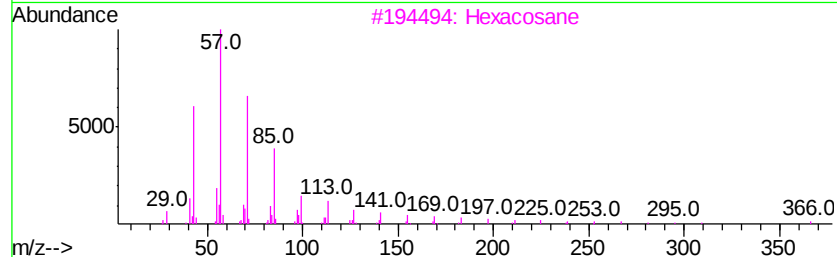
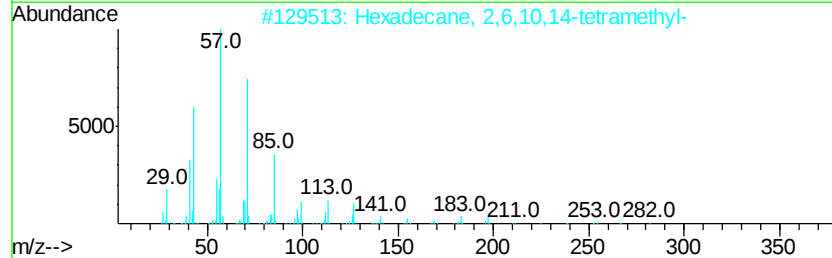
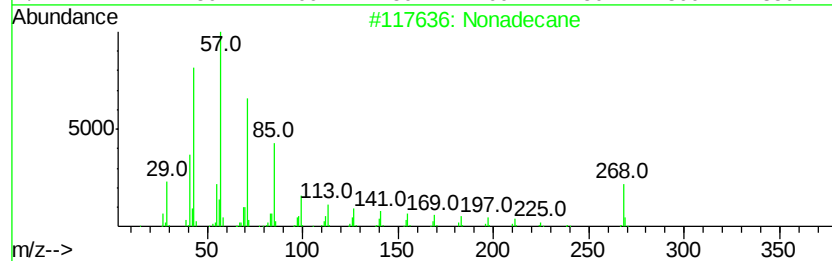
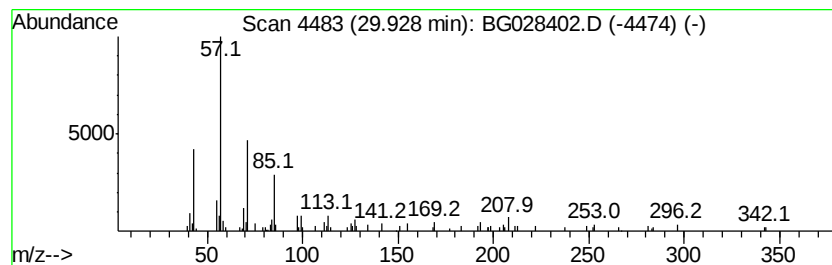
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.93	2.99 ng/ul	152663	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3		Hexacosane	366	C26H54	000630-01-3	58
4		Tricosane	324	C23H48	000638-67-5	58
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	52



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
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Sample : I4713-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC9

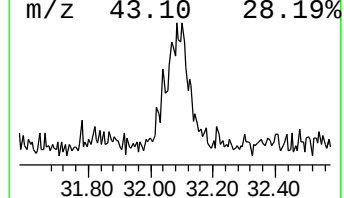
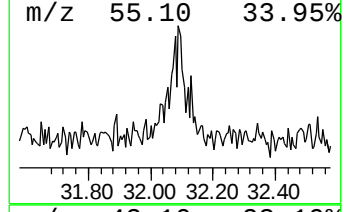
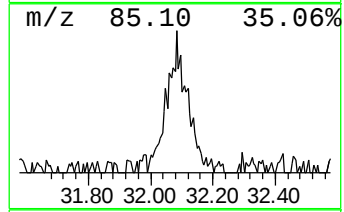
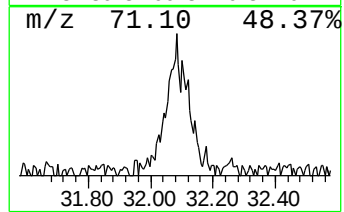
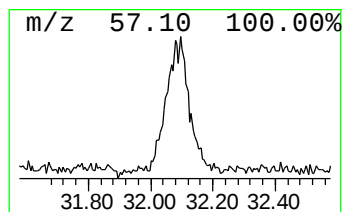
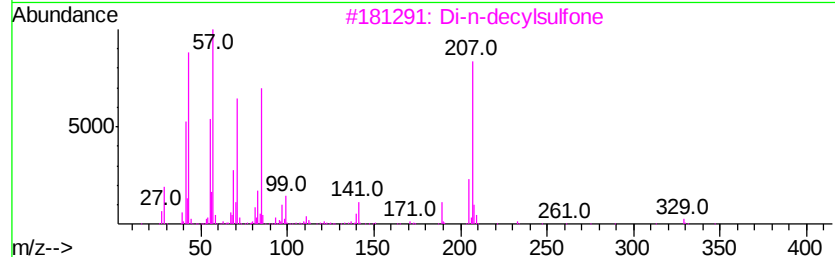
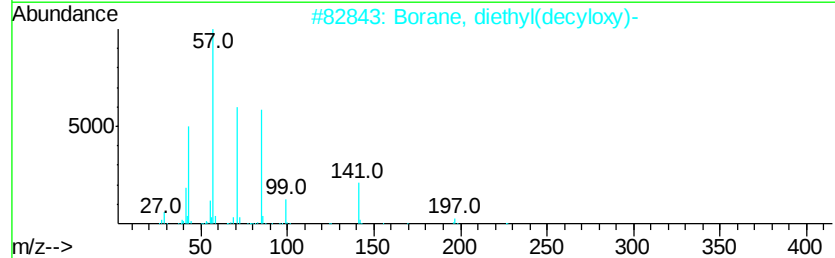
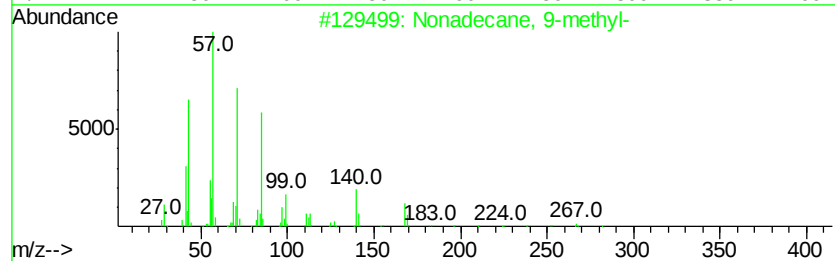
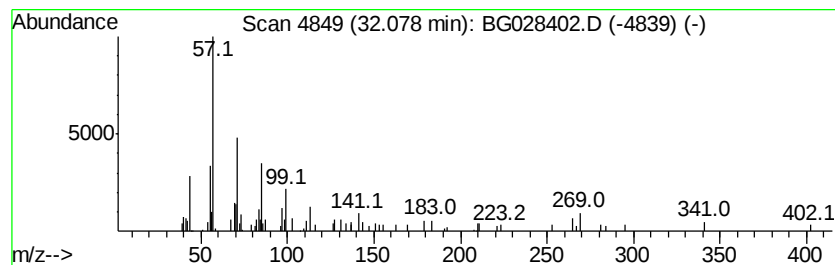
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.08	3.29 ng/ul	167887	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
2		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	50
3		Di-n-decylsulfone	346	C20H42O2S	111530-37-1	50
4		Docosane	310	C22H46	000629-97-0	50
5		Eicosane	282	C20H42	000112-95-8	50



Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
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Acq On : 21 Aug 2017 23:59
Operator : SJ/JU
Sample : I4713-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC9

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	3.1	ng/ul	124357	4	17.70	793703	20.0
Octadecanoic acid	19.80	3.3	ng/ul	130664	4	17.70	793703	20.0
(DEL) Alkane: Str...	26.70	3.1	ng/ul	158830	6	25.53	1021210	20.0
(DEL) Alkane: Str...	28.16	3.4	ng/ul	172931	6	25.53	1021210	20.0
(DEL) Alkane: Str...	29.93	3.0	ng/ul	152663	6	25.53	1021210	20.0
(DEL) Alkane: Str...	32.08	3.3	ng/ul	167887	6	25.53	1021210	20.0