

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028268.D
 Acq On : 10 Aug 2017 21:21
 Operator : SJ/JU
 Sample : I4529-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA6

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	3.843	40	43	49	rVB2	7631	11922	0.99%	0.087%
2	4.342	123	128	131	rBV3	3369	4843	0.40%	0.035%
3	7.503	659	666	681	rVB	117732	253037	20.94%	1.837%
4	7.668	686	694	703	rBV	90282	163202	13.51%	1.185%
5	7.885	723	731	743	rVV	115779	214005	17.71%	1.554%
6	8.355	802	811	821	rBV2	168115	300869	24.90%	2.185%
7	9.042	917	928	947	rVV	152029	293559	24.30%	2.132%
8	9.518	1002	1009	1021	rBV	116090	225361	18.65%	1.636%
9	9.889	1064	1072	1079	rBV3	2018	4875	0.40%	0.035%
10	10.247	1124	1133	1143	rBV2	95938	186048	15.40%	1.351%
11	10.787	1215	1225	1237	rBV	149065	294521	24.38%	2.139%
12	11.175	1282	1291	1301	rVB	242086	458146	37.92%	3.327%
13	11.305	1305	1313	1326	rBV	122993	256879	21.26%	1.865%
14	12.321	1480	1486	1492	rBV3	2337	3974	0.33%	0.029%
15	12.609	1530	1535	1543	rVB3	2690	4924	0.41%	0.036%
16	12.803	1561	1568	1573	rBV5	2538	4882	0.40%	0.035%
17	13.755	1725	1730	1734	rBV3	2319	4170	0.35%	0.030%
18	14.125	1788	1793	1798	rBV4	2703	4651	0.38%	0.034%
19	14.295	1812	1822	1825	rBV5	6107	12606	1.04%	0.092%
20	14.348	1825	1831	1836	rVV	325669	507543	42.01%	3.686%
21	14.395	1836	1839	1845	rVB	76511	106409	8.81%	0.773%
22	14.654	1876	1883	1892	rBV	329468	535247	44.30%	3.887%
23	14.812	1905	1910	1914	rVB3	3892	6077	0.50%	0.044%
24	14.959	1926	1935	1945	rBV2	423516	697653	57.75%	5.066%
25	15.088	1949	1957	1961	rBV2	6891	9976	0.83%	0.072%
26	15.153	1961	1968	1979	rBV3	52203	121924	10.09%	0.885%
27	15.370	1997	2005	2010	rVB8	3377	7562	0.63%	0.055%
28	15.423	2010	2014	2017	rBV3	2900	4000	0.33%	0.029%
29	15.717	2057	2064	2065	rBV6	2681	3729	0.31%	0.027%
30	15.758	2066	2071	2077	rVB4	10548	16660	1.38%	0.121%
31	15.876	2084	2091	2096	rBV4	5826	11661	0.97%	0.085%
32	15.946	2096	2103	2116	rBV	476957	727307	60.20%	5.281%
33	16.058	2116	2122	2132	rVB2	111733	178687	14.79%	1.298%
34	16.181	2139	2143	2151	rVB5	7661	15719	1.30%	0.114%

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35	16.381	2172	2177	2183	rBV6	2959	6568	0.54%	0.048%
36	16.569	2202	2209	2212	rVV5	3537	6749	0.56%	0.049%
37	16.622	2212	2218	2229	rVV7	15445	34388	2.85%	0.250%
38	16.816	2245	2251	2253	rBV4	2347	3937	0.33%	0.029%
39	16.851	2253	2257	2262	rBV4	3231	5902	0.49%	0.043%
40	16.892	2262	2264	2269	rBV4	3247	4752	0.39%	0.035%
41	16.980	2273	2279	2286	rBV6	5169	13719	1.14%	0.100%
42	17.068	2290	2294	2295	rBV2	3522	3948	0.33%	0.029%
43	17.092	2296	2298	2302	rVB3	4267	5019	0.42%	0.036%
44	17.168	2310	2311	2315	rBV3	3844	4328	0.36%	0.031%
45	17.233	2318	2322	2328	rBV6	4274	8962	0.74%	0.065%
46	17.327	2334	2338	2341	rBV3	2830	3828	0.32%	0.028%
47	17.415	2349	2353	2359	rBV5	9385	17283	1.43%	0.126%
48	17.480	2362	2364	2372	rVB5	4411	8286	0.69%	0.060%
49	17.550	2372	2376	2378	rBV3	4030	4878	0.40%	0.035%
50	17.709	2394	2403	2411	rBV2	579316	935693	77.45%	6.795%
51	17.803	2413	2419	2430	rBV	556399	879861	72.83%	6.389%
52	17.885	2430	2433	2437	rVB3	5655	7880	0.65%	0.057%
53	18.114	2469	2472	2475	rVV4	4975	6181	0.51%	0.045%
54	18.161	2475	2480	2487	rVB4	8003	15783	1.31%	0.115%
55	18.455	2524	2530	2536	rBV5	3691	8345	0.69%	0.061%
56	18.555	2542	2547	2556	rBV3	58234	110334	9.13%	0.801%
57	18.755	2578	2581	2585	rBV4	3807	5333	0.44%	0.039%
58	18.843	2592	2596	2598	rVB4	6268	7270	0.60%	0.053%
59	18.878	2599	2602	2605	rVB4	4104	5442	0.45%	0.040%
60	18.913	2605	2608	2613	rBV4	2376	5554	0.46%	0.040%
61	19.060	2630	2633	2641	rVB7	5335	10415	0.86%	0.076%
62	19.125	2641	2644	2648	rVB5	3709	4944	0.41%	0.036%
63	19.195	2652	2656	2661	rBV6	4993	10000	0.83%	0.073%
64	19.307	2672	2675	2680	rVB6	4701	5973	0.49%	0.043%
65	19.413	2691	2693	2697	rBV5	3683	6283	0.52%	0.046%
66	19.466	2698	2702	2708	rVB5	10936	16332	1.35%	0.119%
67	19.677	2734	2738	2739	rBV3	8758	9281	0.77%	0.067%
68	19.712	2740	2744	2753	rVB8	11585	28023	2.32%	0.203%
69	19.812	2757	2761	2775	rBV	65252	127876	10.58%	0.929%
70	19.971	2782	2788	2790	rBV5	13748	21476	1.78%	0.156%
71	20.006	2791	2794	2796	rVV4	11644	10529	0.87%	0.076%

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72	20.077	2801	2806	2818	rVB	712477	1077581	89.19%	7.825%
73	20.558	2886	2888	2894	rVB6	8311	10762	0.89%	0.078%
74	20.600	2894	2895	2899	rBV4	3997	4577	0.38%	0.033%
75	20.946	2951	2954	2963	rVB9	4311	11582	0.96%	0.084%
76	21.070	2967	2975	2983	rBV8	16018	36350	3.01%	0.264%
77	21.216	2995	3000	3003	rBV6	5399	8430	0.70%	0.061%
78	21.610	3060	3067	3072	rBV8	17645	39276	3.25%	0.285%
79	22.039	3131	3140	3148	rBV	611482	1108886	91.78%	8.052%
80	22.168	3159	3162	3171	rVB8	16113	35415	2.93%	0.257%
81	22.233	3171	3173	3181	rVB8	7947	14739	1.22%	0.107%
82	22.386	3197	3199	3204	rVB5	7865	8837	0.73%	0.064%
83	22.844	3270	3277	3282	rBV2	22328	43154	3.57%	0.313%
84	23.590	3399	3404	3410	rVB3	26328	51195	4.24%	0.372%
85	23.813	3436	3442	3448	rVB8	11691	26890	2.23%	0.195%
86	23.972	3466	3469	3474	rVB7	6431	10713	0.89%	0.078%
87	24.466	3545	3553	3560	rVB2	48636	116135	9.61%	0.843%
88	24.689	3589	3591	3599	rBV9	8616	15227	1.26%	0.111%
89	25.294	3682	3694	3707	rBV2	338796	1047571	86.71%	7.607%
90	25.535	3719	3735	3754	rVB2	335698	1208145	100.00%	8.773%
91	25.934	3801	3803	3806	rVB4	4585	5521	0.46%	0.040%
92	26.052	3821	3823	3824	rBV2	5309	4507	0.37%	0.033%
93	26.716	3928	3936	3947	rVB2	66279	194538	16.10%	1.413%
94	26.839	3952	3957	3969	rVB2	12110	45022	3.73%	0.327%
95	27.597	4084	4086	4089	rBV4	5493	5370	0.44%	0.039%
96	28.197	4175	4188	4203	rVB3	60400	224148	18.55%	1.628%
97	29.877	4473	4474	4477	rBV2	4922	5479	0.45%	0.040%
98	29.977	4478	4491	4508	rVB6	43547	205499	17.01%	1.492%
99	31.487	4747	4748	4751	rBV3	3674	4442	0.37%	0.032%
100	32.127	4844	4857	4875	rVB5	32534	177070	14.66%	1.286%

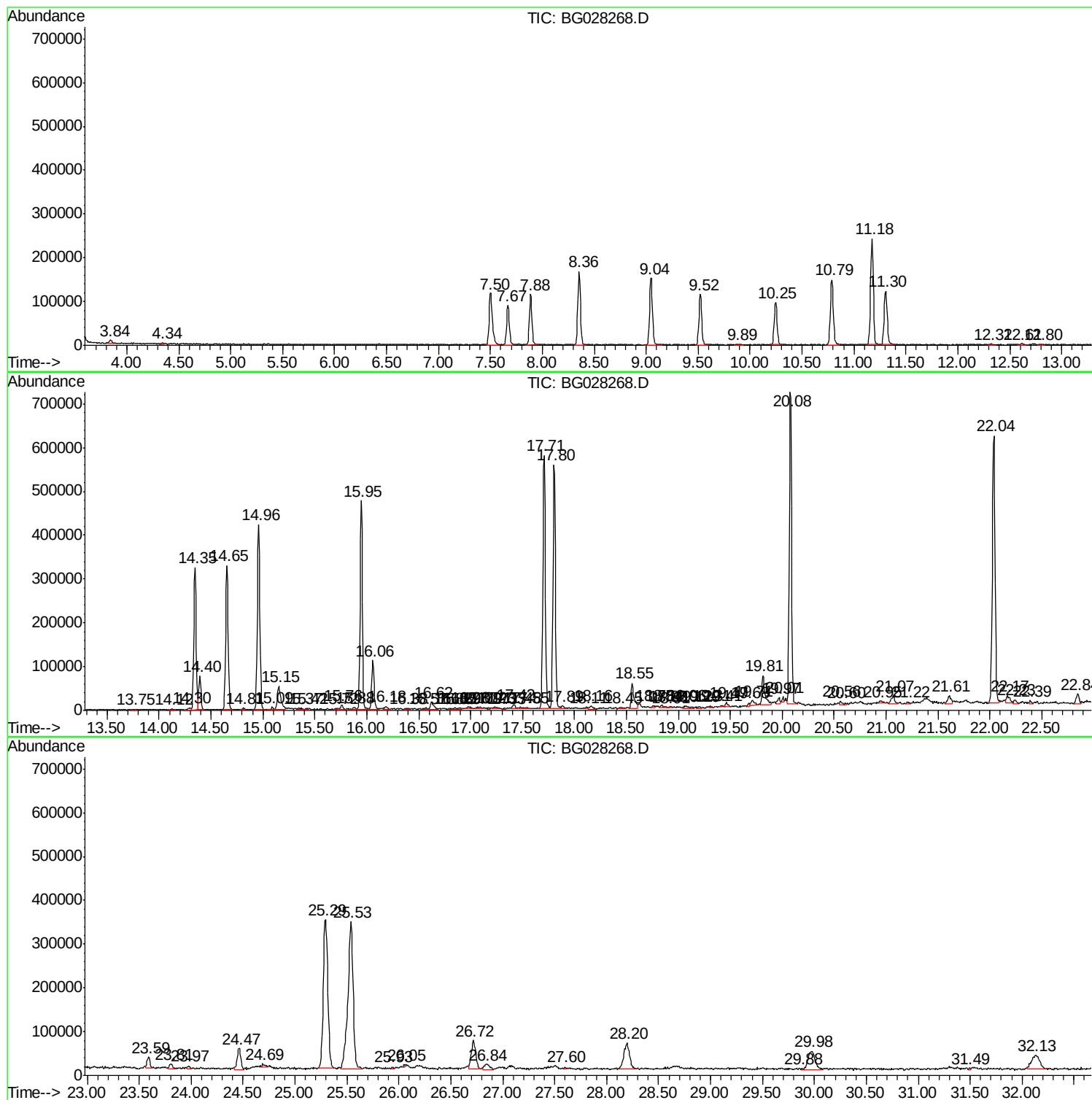
Sum of corrected areas: 13771044

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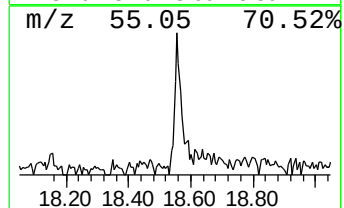
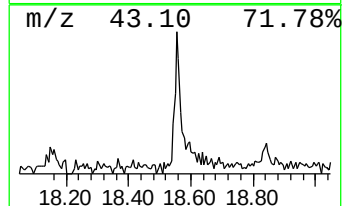
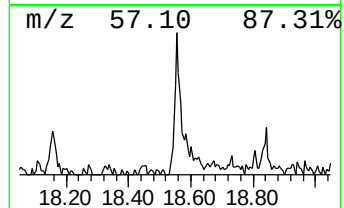
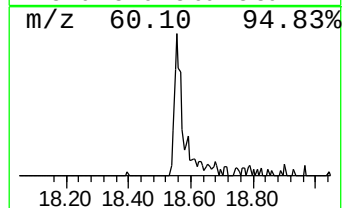
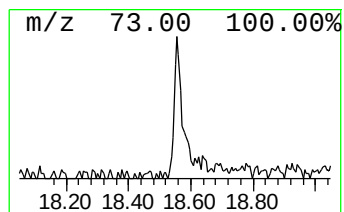
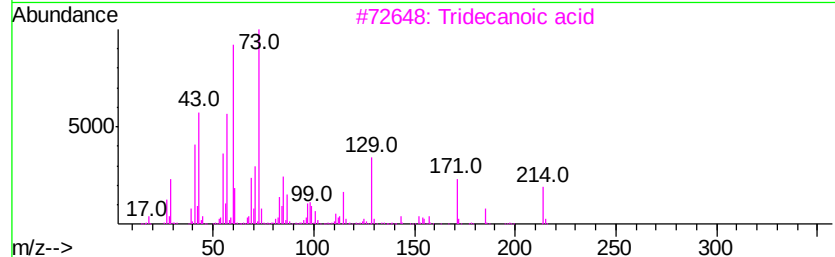
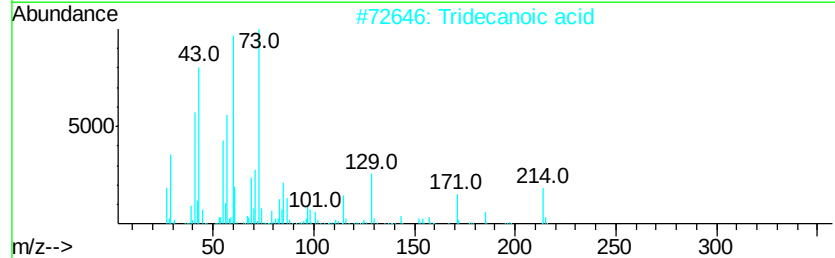
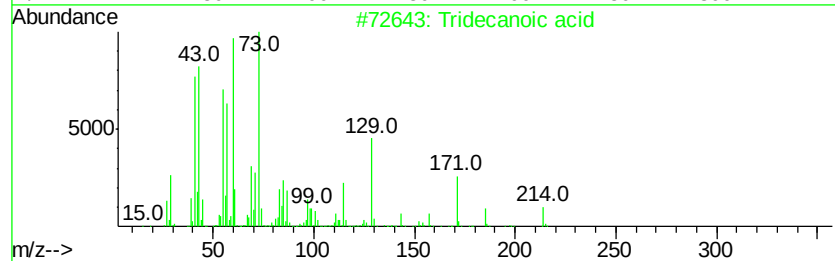
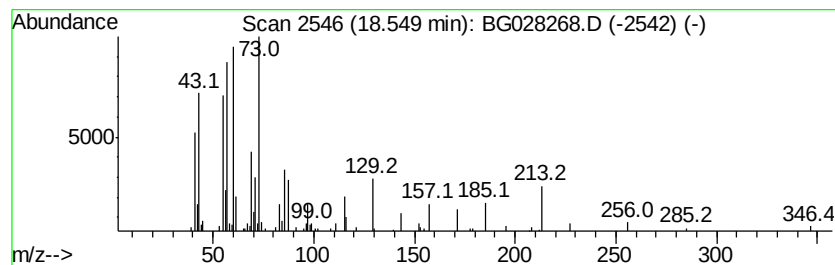
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.36 ng/ul	110334	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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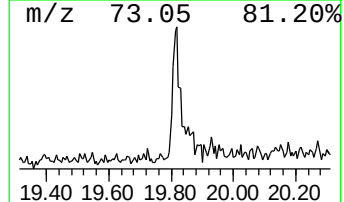
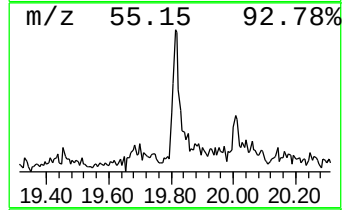
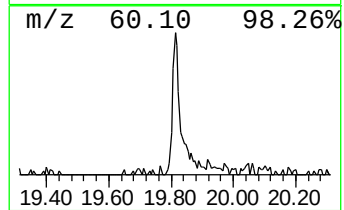
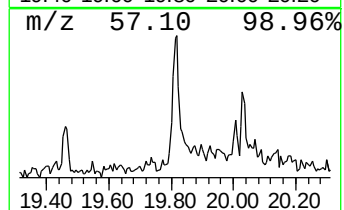
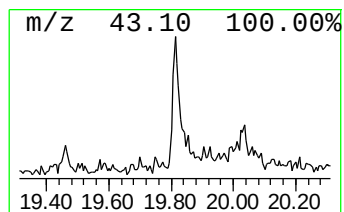
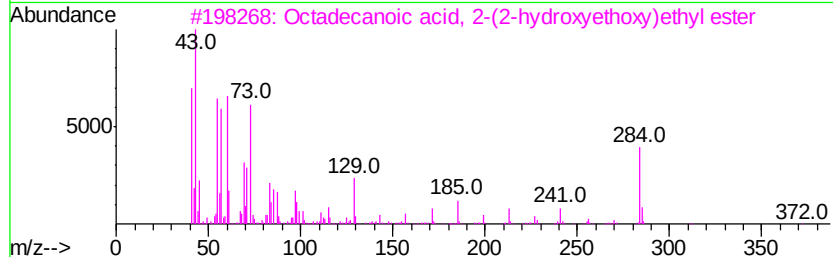
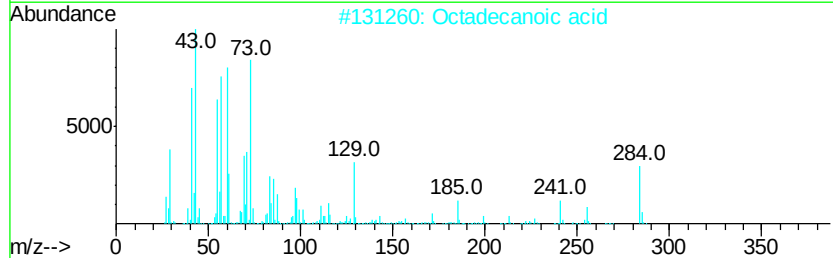
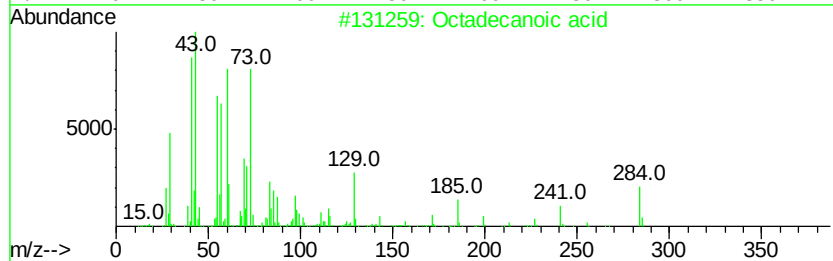
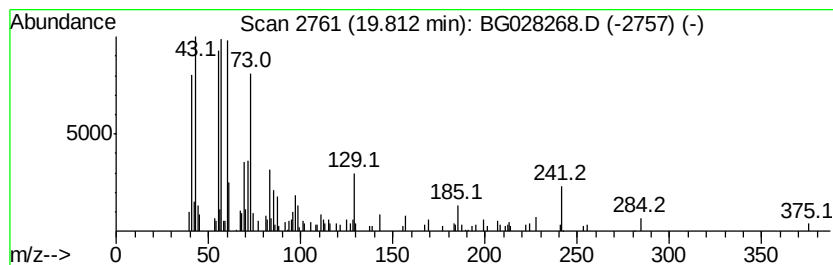
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.73 ng/ul	127876	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2		Octadecanoic acid	284	C18H36O2	000057-11-4	83
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	74
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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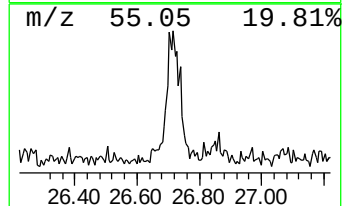
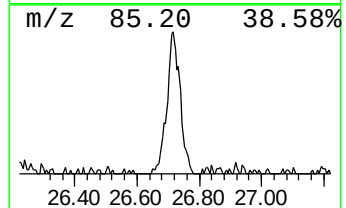
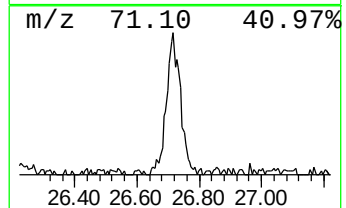
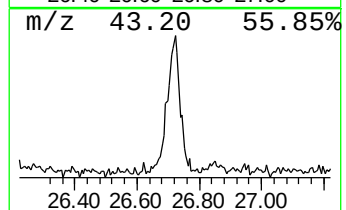
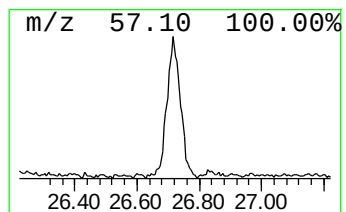
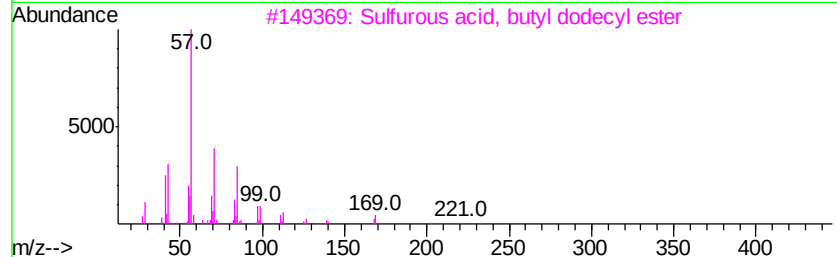
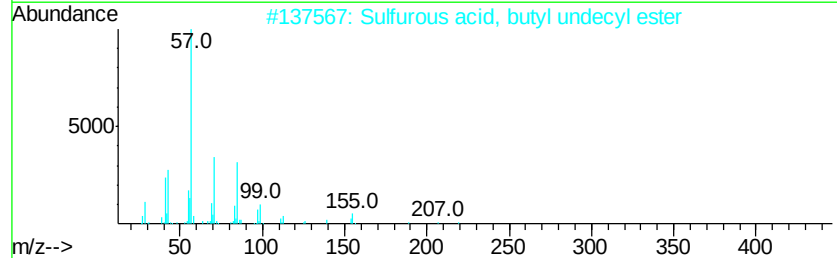
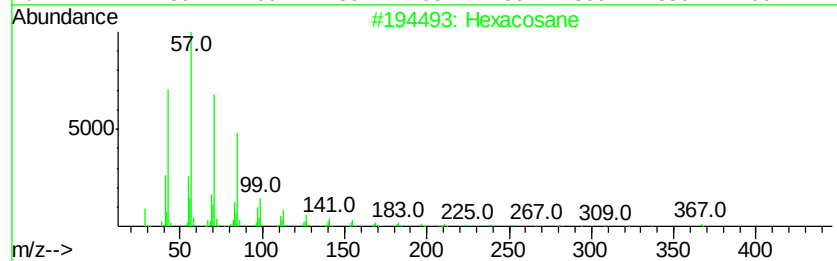
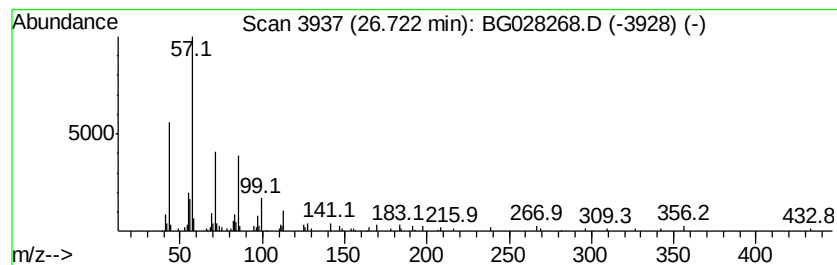
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	3.22 ng/ul	194538	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	80
2		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
4		Hentriacontane	437	C31H64	000630-04-6	74
5		Tetratetracontane	619	C44H90	007098-22-8	74



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Sample : I4529-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

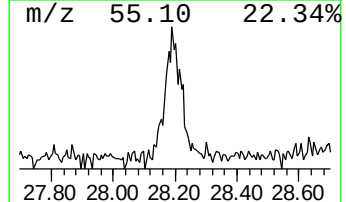
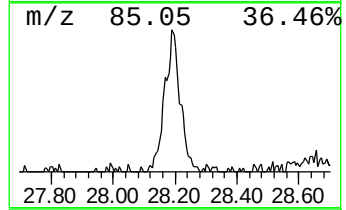
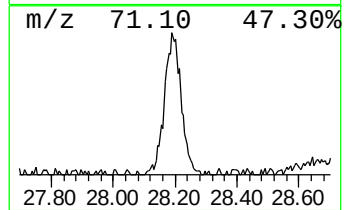
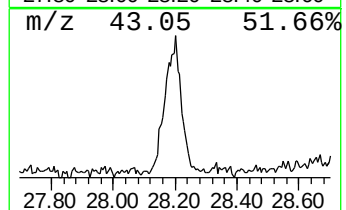
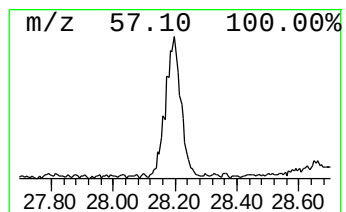
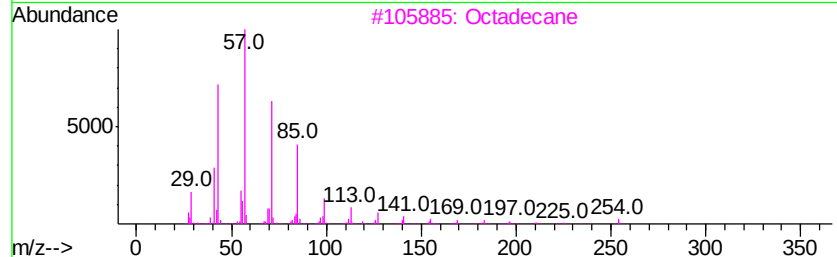
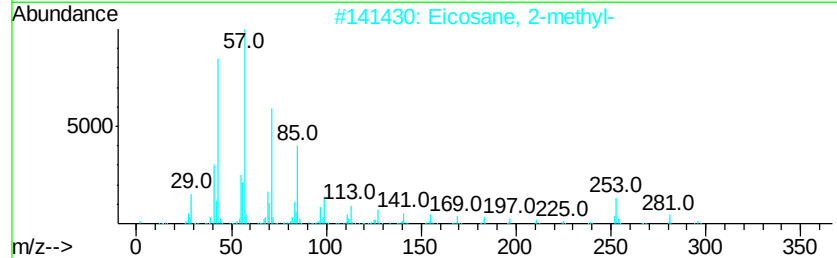
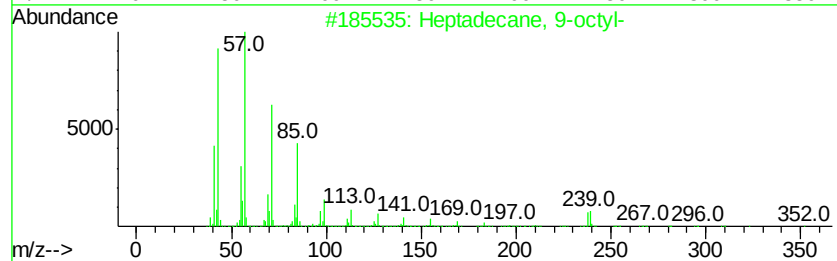
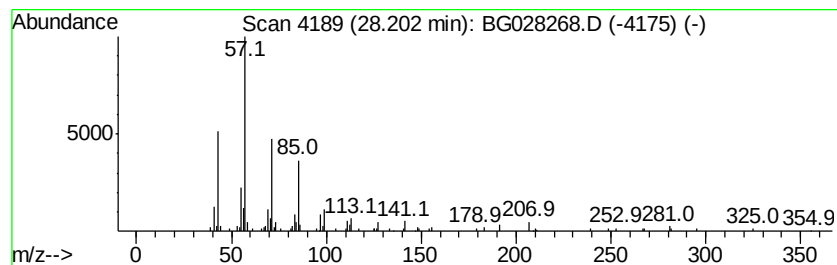
Instrument :
BNA_G
ClientSampleId :
C0AA6

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.20	3.71 ng/ul	224148	Perylene-d12	25.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
3	Octadecane	254	C18H38	000593-45-3	80
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
5	13-Methylheptacosane	394	C28H58	015689-72-2	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028268.D
Acq On : 10 Aug 2017 21:21
Operator : SJ/JU
Sample : I4529-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

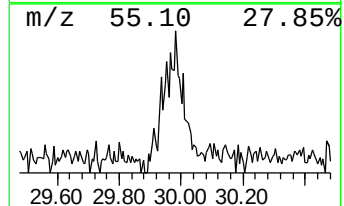
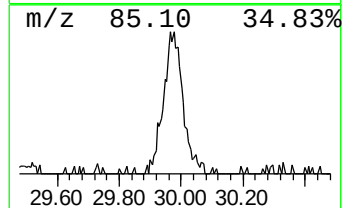
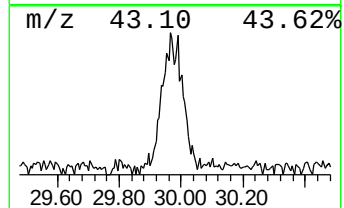
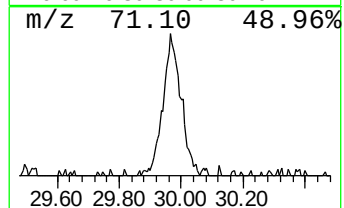
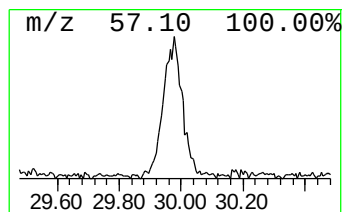
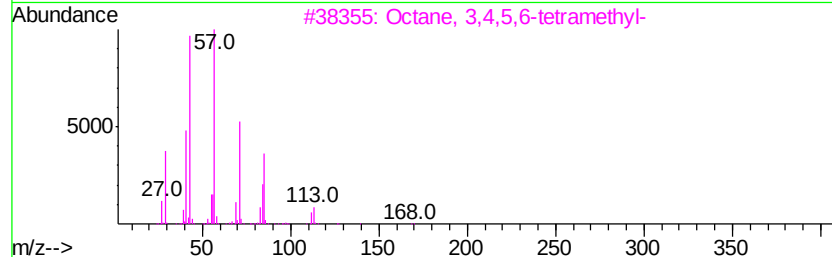
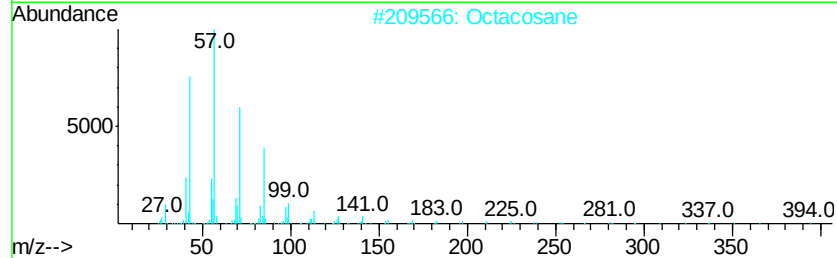
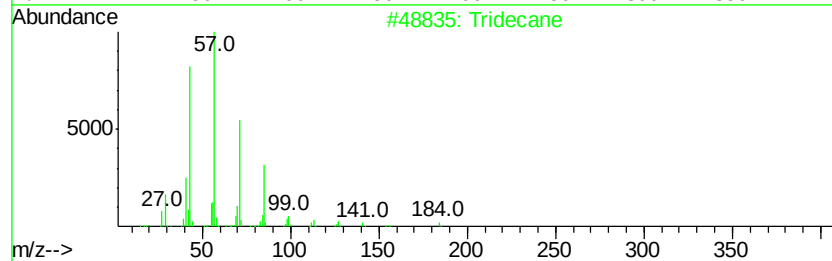
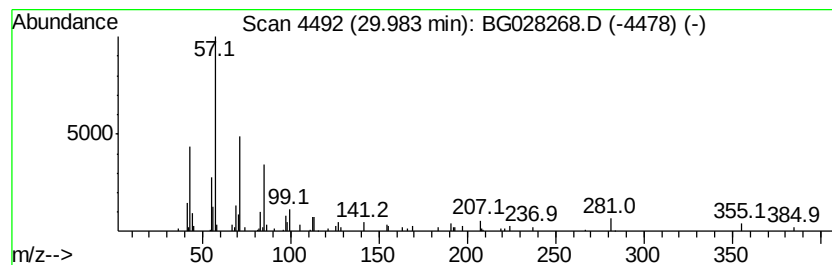
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
29.98	3.40 ng/ul	205499	Perylene-d12	25.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Octacosane	394	C28H58	000630-02-4	72
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028268.D
Acq On : 10 Aug 2017 21:21
Operator : SJ/JU
Sample : I4529-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

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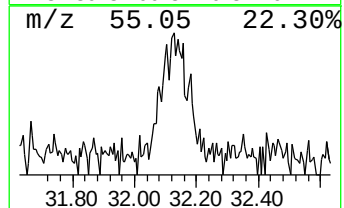
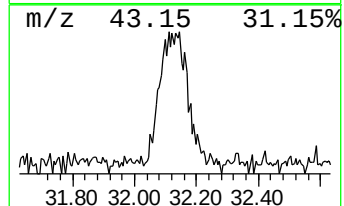
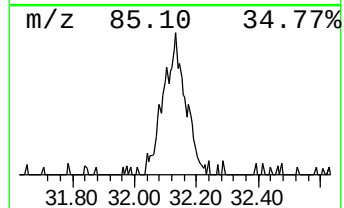
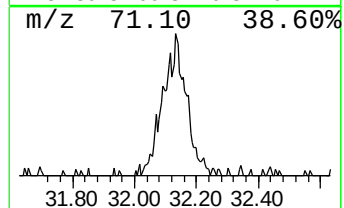
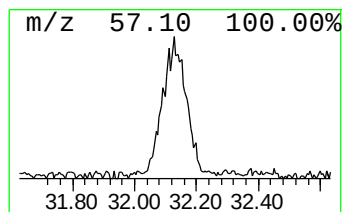
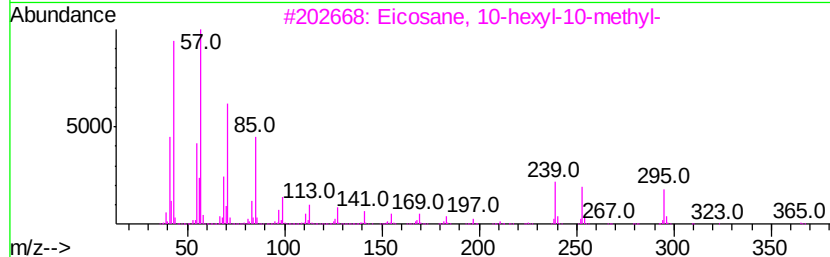
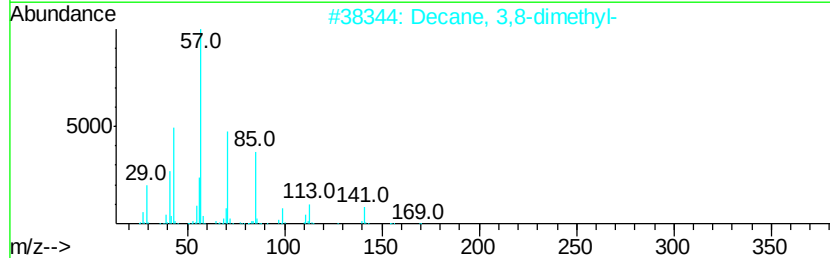
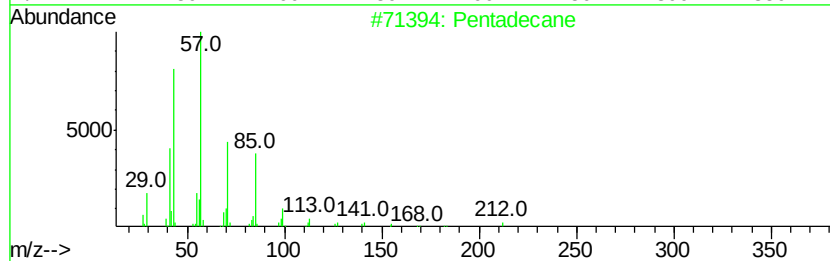
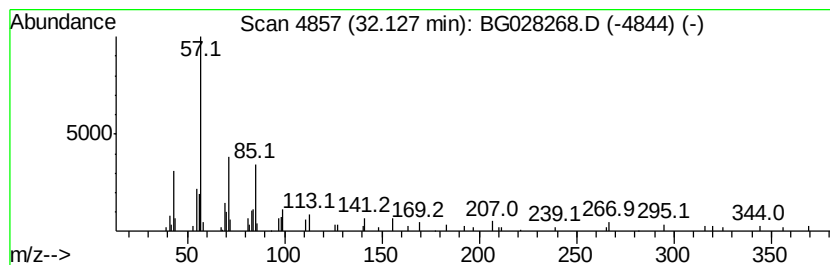
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.13	2.93 ng/ul	177070	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	78
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3		Eicosane, 10-hexyl-10-methyl-	380	C27H56	055282-32-1	64
4		10-Methylnonadecane	282	C20H42	056862-62-5	64
5		Octadecane, 6-methyl-	268	C19H40	010544-96-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
Data File : BG028268.D
Acq On : 10 Aug 2017 21:21
Operator : SJ/JU
Sample : I4529-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA6

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
Tridecanoic acid	18.55	2.4	ng/ul	110334	4	17.71	935693	20.0
Octadecanoic acid	19.81	2.7	ng/ul	127876	4	17.71	935693	20.0
(DEL) Alkane: Str...	26.72	3.2	ng/ul	194538	6	25.53	1208150	20.0
(DEL) Alkane: Str...	28.20	3.7	ng/ul	224148	6	25.53	1208150	20.0
(DEL) Alkane: Str...	29.98	3.4	ng/ul	205499	6	25.53	1208150	20.0
(DEL) Alkane: Str...	32.13	2.9	ng/ul	177070	6	25.53	1208150	20.0