

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG082509.D
 Acq On : 26 Aug 2017 2:58
 Operator : SJ/JU
 Sample : I4885-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AR9

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	3.817	35	39	45	rBV3	12047	15842	0.89%	0.090%
2	4.081	79	84	94	rBV	8311	17321	0.98%	0.098%
3	4.169	97	99	105	rVB5	2607	3520	0.20%	0.020%
4	4.551	160	164	171	rVV5	2071	3616	0.20%	0.020%
5	5.438	311	315	320	rVB6	4098	6758	0.38%	0.038%
6	5.673	349	355	360	rBV4	1872	4561	0.26%	0.026%
7	5.797	372	376	379	rBV3	2056	4087	0.23%	0.023%
8	6.413	476	481	487	rVB2	2603	4461	0.25%	0.025%
9	6.549	497	504	508	rBV2	2749	3967	0.22%	0.022%
10	6.954	567	573	583	rBV7	4052	10273	0.58%	0.058%
11	7.342	634	639	642	rBV4	3061	5185	0.29%	0.029%
12	7.489	657	664	679	rBV	214973	442899	25.02%	2.507%
13	7.653	684	692	703	rBV	158654	273130	15.43%	1.546%
14	7.871	719	729	738	rBV	209642	381824	21.57%	2.161%
15	8.252	783	794	801	rBV4	3903	14483	0.82%	0.082%
16	8.335	801	808	821	rVV	120599	228660	12.92%	1.294%
17	8.529	835	841	844	rBV3	3575	5931	0.34%	0.034%
18	8.746	874	878	883	rVB2	2561	4820	0.27%	0.027%
19	9.034	920	927	937	rBV	277186	515607	29.13%	2.919%
20	9.281	965	969	973	rBV3	2508	3758	0.21%	0.021%
21	9.504	997	1007	1018	rVV	223215	426645	24.10%	2.415%
22	9.604	1018	1024	1035	rVV6	10947	26197	1.48%	0.148%
23	9.962	1078	1085	1090	rVB6	1632	3861	0.22%	0.022%
24	10.233	1122	1131	1140	rBV2	191639	365593	20.65%	2.070%
25	10.773	1214	1223	1240	rBV	284406	557817	31.51%	3.158%
26	10.902	1240	1245	1253	rVV6	6084	13610	0.77%	0.077%
27	11.155	1280	1288	1298	rVB	183194	345678	19.53%	1.957%
28	11.290	1302	1311	1324	rBV	245484	473933	26.77%	2.683%
29	12.160	1455	1459	1464	rVB2	2771	3915	0.22%	0.022%
30	12.594	1526	1533	1541	rBV3	3364	8060	0.46%	0.046%
31	12.718	1545	1554	1561	rBV5	4817	10355	0.58%	0.059%
32	13.305	1651	1654	1657	rVB3	2784	3736	0.21%	0.021%
33	13.540	1687	1694	1697	rBV4	4959	8137	0.46%	0.046%
34	13.593	1697	1703	1710	rBV4	9775	20105	1.14%	0.114%

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35	13.734	1720	1727	1733	rVB5	2703	7533	0.43%	0.043%
36	14.151	1790	1798	1799	rBV3	2435	3991	0.23%	0.023%
37	14.339	1818	1830	1834	rBV	561460	862061	48.70%	4.880%
38	14.386	1834	1838	1847	rVV	344860	493109	27.86%	2.791%
39	14.445	1847	1848	1855	rVB3	3189	4332	0.24%	0.025%
40	14.645	1873	1882	1892	rBB	626713	1009690	57.04%	5.716%
41	14.757	1897	1901	1904	rBV2	2164	3722	0.21%	0.021%
42	14.798	1904	1908	1914	rVB5	6580	8922	0.50%	0.051%
43	14.951	1924	1934	1943	rVB2	293011	503662	28.45%	2.851%
44	15.144	1959	1967	1983	rBV2	177366	392699	22.18%	2.223%
45	15.327	1992	1998	2002	rVB9	3126	5697	0.32%	0.032%
46	15.415	2010	2013	2020	rBV4	2718	3545	0.20%	0.020%
47	15.708	2059	2063	2066	rBV4	7912	10104	0.57%	0.057%
48	15.750	2066	2070	2074	rVB3	15775	21344	1.21%	0.121%
49	15.938	2094	2102	2116	rBV	860796	1316917	74.39%	7.455%
50	16.061	2116	2123	2133	rBV	224817	367649	20.77%	2.081%
51	16.173	2133	2142	2150	rVB8	9473	31192	1.76%	0.177%
52	16.249	2152	2155	2161	rVB7	3687	6381	0.36%	0.036%
53	16.308	2161	2165	2167	rBV3	5192	5890	0.33%	0.033%
54	16.455	2185	2190	2193	rVV5	2904	3565	0.20%	0.020%
55	16.496	2193	2197	2200	rVB4	3013	4328	0.24%	0.024%
56	16.607	2212	2216	2227	rVB2	24407	44346	2.51%	0.251%
57	16.790	2243	2247	2255	rBV5	6435	11000	0.62%	0.062%
58	16.878	2259	2262	2267	rBV6	3695	7198	0.41%	0.041%
59	16.919	2267	2269	2272	rVV2	3249	4325	0.24%	0.024%
60	16.954	2272	2275	2278	rVB5	4031	4692	0.27%	0.027%
61	17.066	2292	2294	2299	rVB4	3812	4462	0.25%	0.025%
62	17.124	2299	2304	2309	rVB5	3368	7607	0.43%	0.043%
63	17.189	2309	2315	2319	rBV6	3223	6778	0.38%	0.038%
64	17.401	2342	2351	2356	rBV2	19143	33042	1.87%	0.187%
65	17.453	2356	2360	2371	rVB7	6243	15979	0.90%	0.090%
66	17.553	2375	2377	2385	rVB6	2641	3945	0.22%	0.022%
67	17.700	2393	2402	2412	rBV	404502	659010	37.23%	3.730%
68	17.800	2412	2419	2429	rVV	973985	1476287	83.40%	8.357%
69	17.882	2429	2433	2436	rVB6	5208	7383	0.42%	0.042%
70	17.947	2437	2444	2449	rVB6	5877	13168	0.74%	0.075%
71	18.035	2454	2459	2473	rBV2	49923	103566	5.85%	0.586%

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72	18.147	2473	2478	2481	rVB4	13966	20831	1.18%	0.118%
73	18.264	2494	2498	2502	rVB3	2423	4395	0.25%	0.025%
74	18.317	2502	2507	2513	rBV7	8239	14739	0.83%	0.083%
75	18.417	2522	2524	2528	rBV5	3875	4963	0.28%	0.028%
76	18.546	2541	2546	2557	rBV2	106074	183026	10.34%	1.036%
77	18.775	2582	2585	2589	rBV5	5135	7441	0.42%	0.042%
78	18.828	2591	2594	2599	rVB6	9037	12900	0.73%	0.073%
79	18.875	2600	2602	2606	rVB5	4655	3913	0.22%	0.022%
80	18.934	2608	2612	2614	rBV4	3996	5370	0.30%	0.030%
81	19.146	2646	2648	2653	rVB5	2834	4538	0.26%	0.026%
82	19.204	2655	2658	2660	rBV4	4844	5549	0.31%	0.031%
83	19.392	2679	2690	2697	rBV7	22542	53848	3.04%	0.305%
84	19.445	2697	2699	2703	rVV4	6167	7028	0.40%	0.040%
85	19.563	2717	2719	2721	rBV3	4499	3524	0.20%	0.020%
86	19.586	2721	2723	2728	rBV6	5125	8949	0.51%	0.051%
87	19.657	2734	2735	2739	rBV4	4456	5187	0.29%	0.029%
88	19.704	2739	2743	2748	rBV3	12461	26883	1.52%	0.152%
89	19.804	2755	2760	2768	rBV3	56539	97724	5.52%	0.553%
90	19.962	2785	2787	2795	rVB3	14646	22271	1.26%	0.126%
91	20.027	2795	2798	2799	rBV3	6682	6754	0.38%	0.038%
92	20.074	2799	2806	2819	rVB	1195246	1770222	100.00%	10.021%
93	21.055	2971	2973	2977	rBV5	12378	15514	0.88%	0.088%
94	21.596	3061	3065	3080	rBV2	80499	162141	9.16%	0.918%
95	22.030	3131	3139	3151	rVB	446371	808791	45.69%	4.578%
96	23.570	3398	3401	3408	rVB8	22041	41589	2.35%	0.235%
97	25.297	3683	3695	3713	rBV2	548538	1751287	98.93%	9.914%
98	25.532	3720	3735	3752	rVB2	224962	819092	46.27%	4.637%
99	26.684	3926	3931	3943	rVB5	28834	94903	5.36%	0.537%
100	29.909	4478	4480	4482	rBV3	14689	14710	0.83%	0.083%

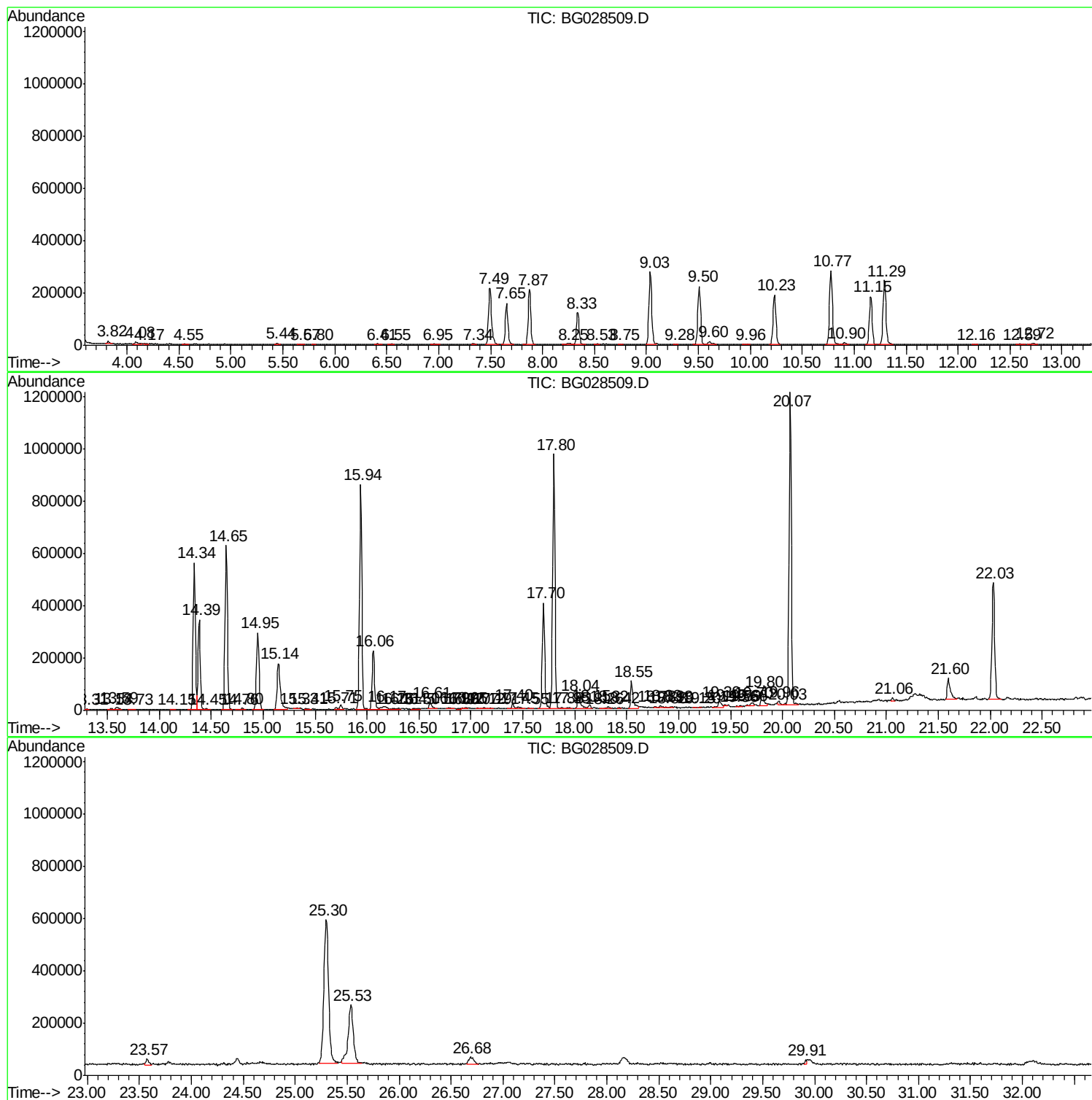
Sum of corrected areas: 17665548

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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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
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Acq On : 26 Aug 2017 2:58
Operator : SJ/JU
Sample : I4885-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
B0AR9

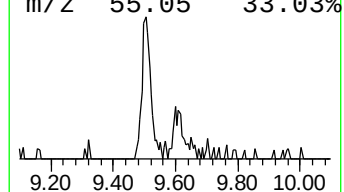
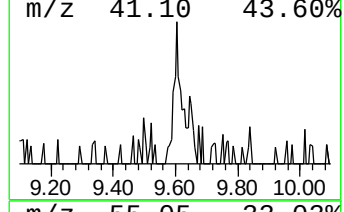
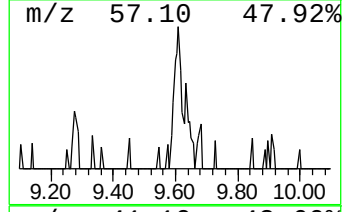
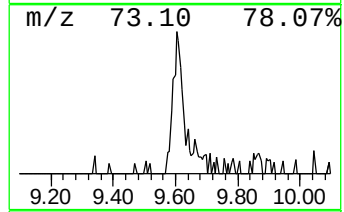
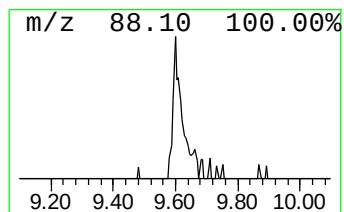
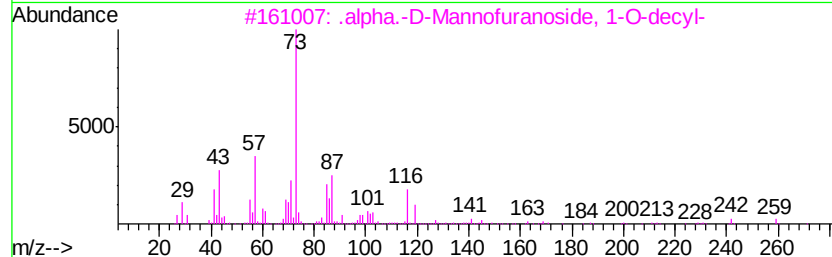
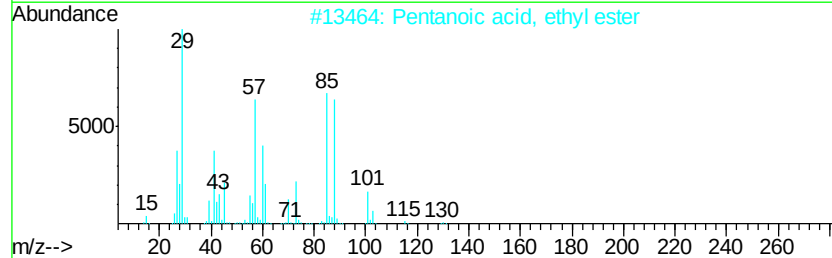
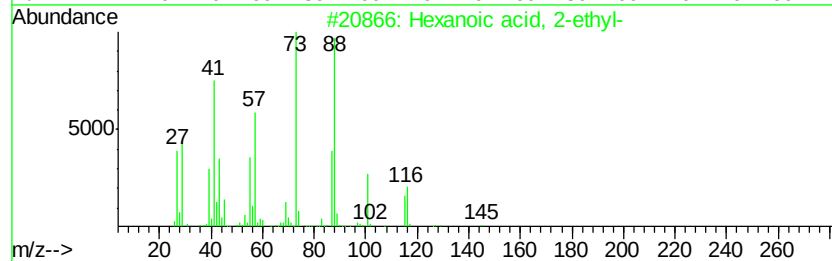
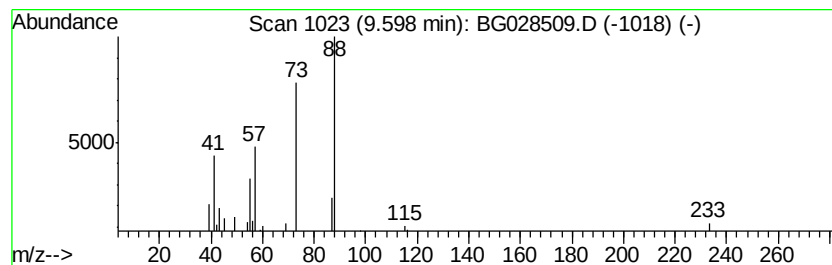
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.29 ng/ul	26197	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
2		Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	25
3		.alpha.-D-Mannofuranoside, 1-O-d...	320	C16H32O6	1000160-04-7	25
4		Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	17
5		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	17



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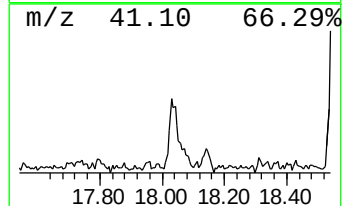
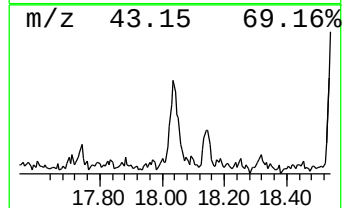
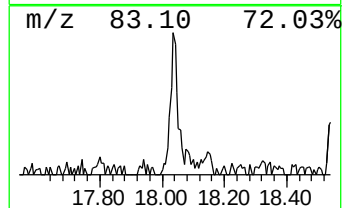
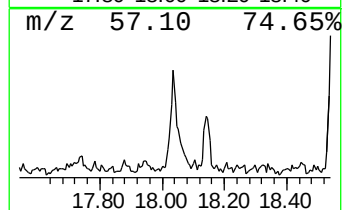
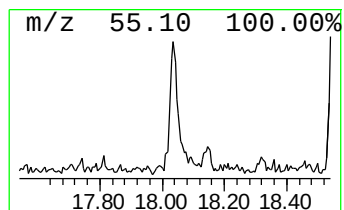
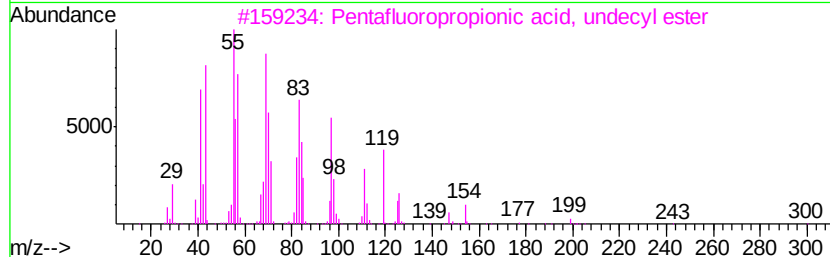
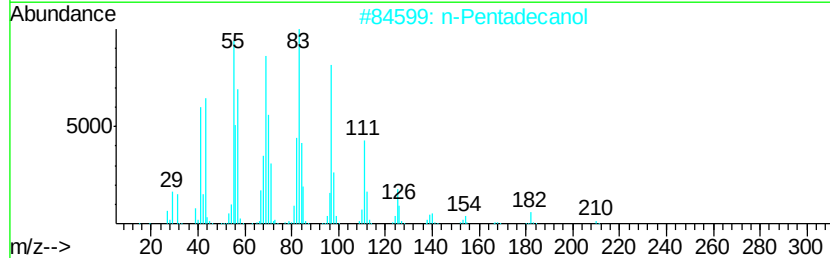
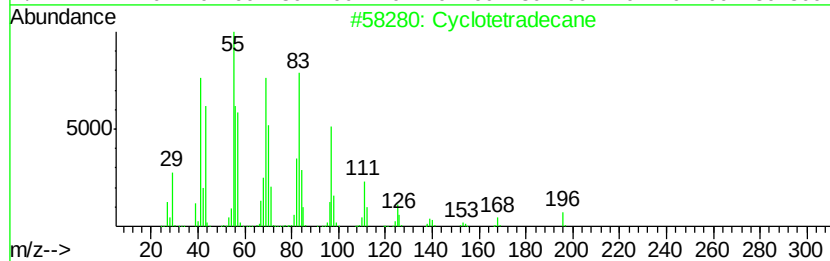
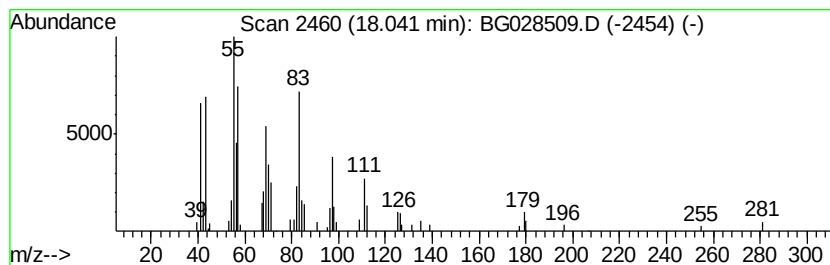
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic18.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.14 ng/ul	103566	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	83
2		n-Pentadecanol	228	C15H32O	000629-76-5	80
3		Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	76
4		1-Octadecanol	270	C18H38O	000112-92-5	74
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	74



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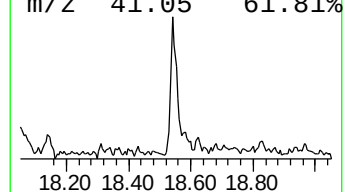
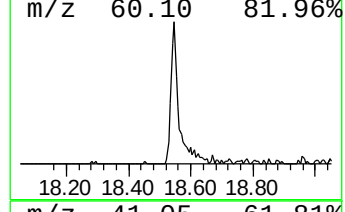
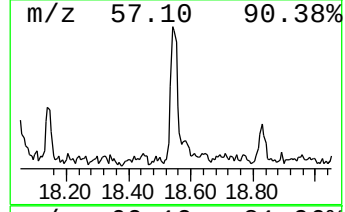
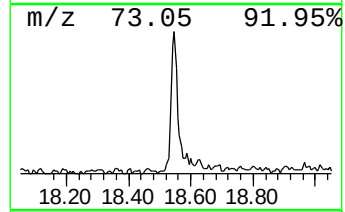
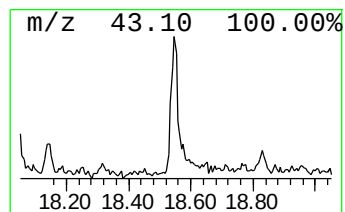
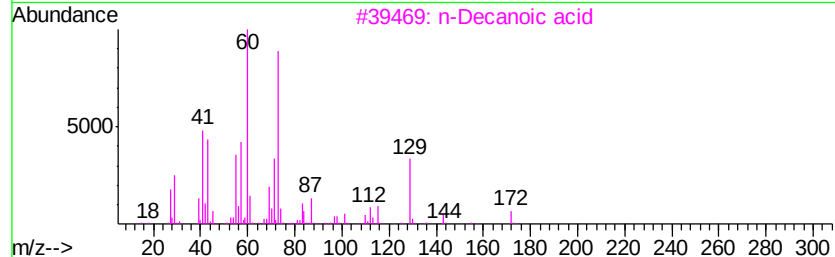
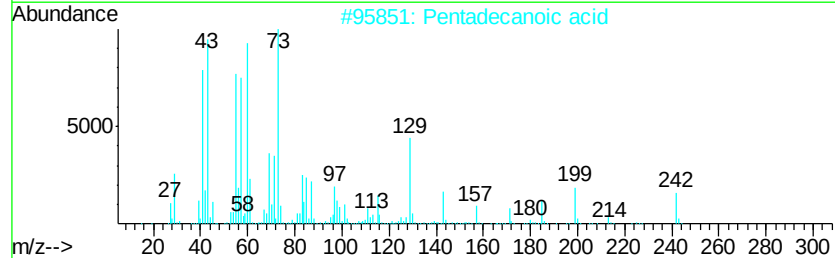
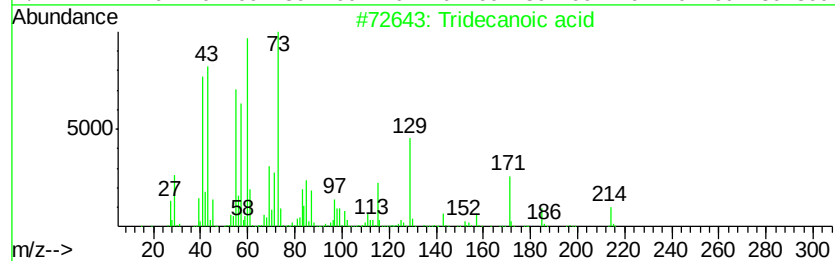
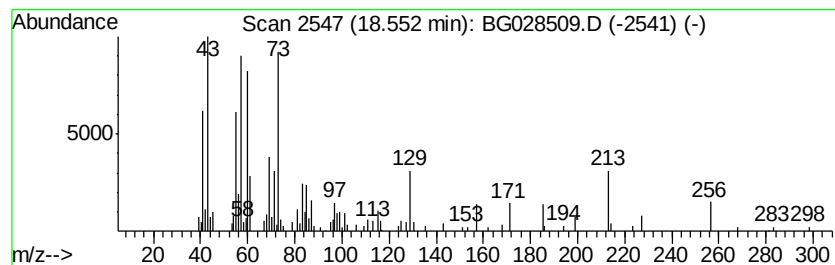
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Peak Number 3 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.55	5.55 ng/ul	183026	Phenanthrene-d10		17.70
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AR9

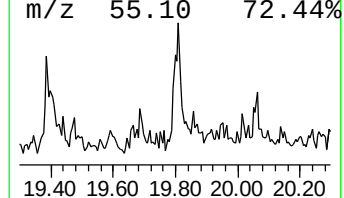
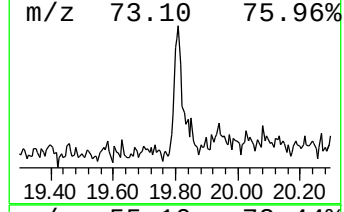
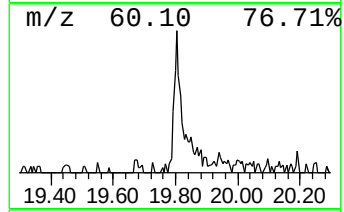
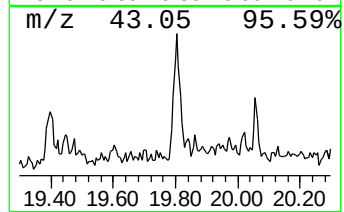
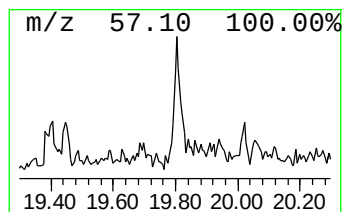
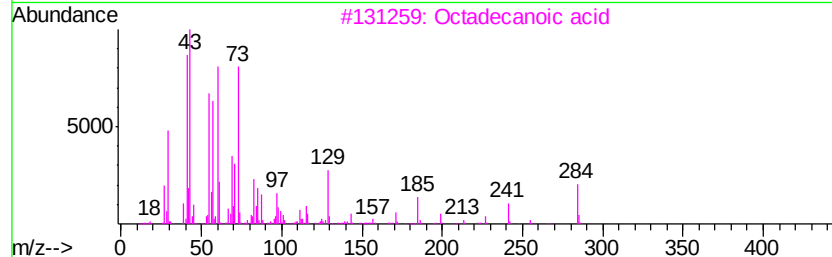
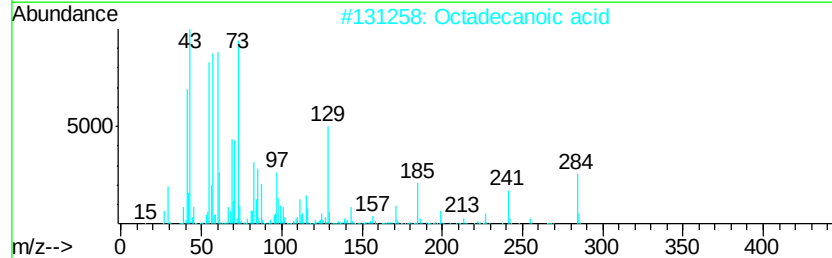
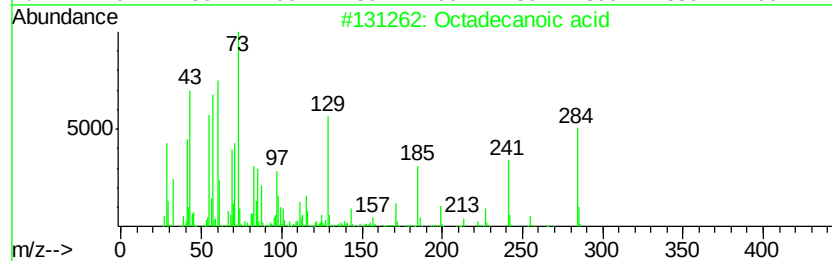
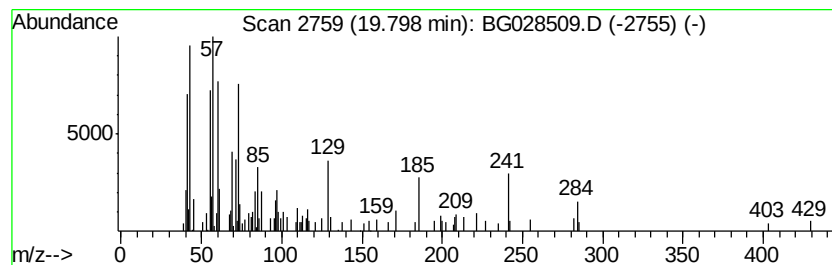
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.80	2.97 ng/ul	97724	Phenanthrene-d10		17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	83
2			Octadecanoic acid	284	C18H36O2	000057-11-4	81
3			Octadecanoic acid	284	C18H36O2	000057-11-4	64
4			Octadecanoic acid	284	C18H36O2	000057-11-4	53
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028509.D
Acq On : 26 Aug 2017 2:58
Operator : SJ/JU
Sample : I4885-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

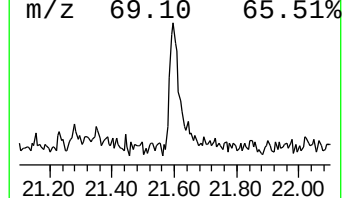
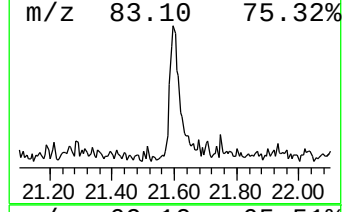
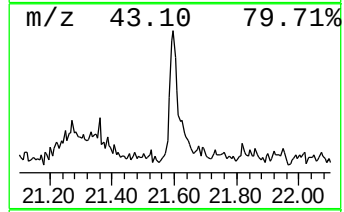
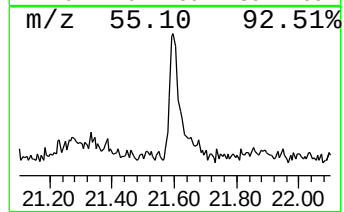
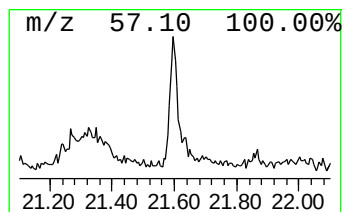
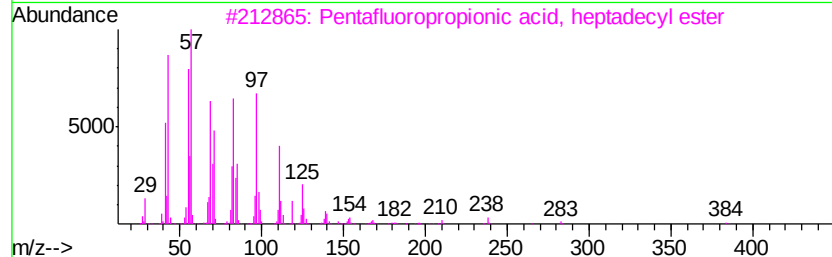
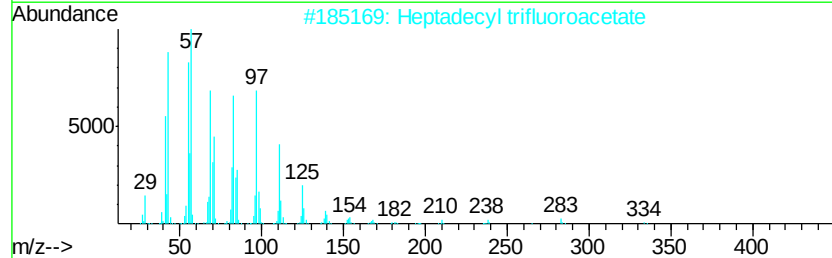
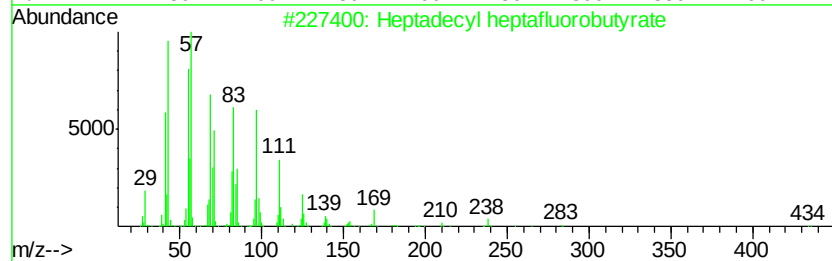
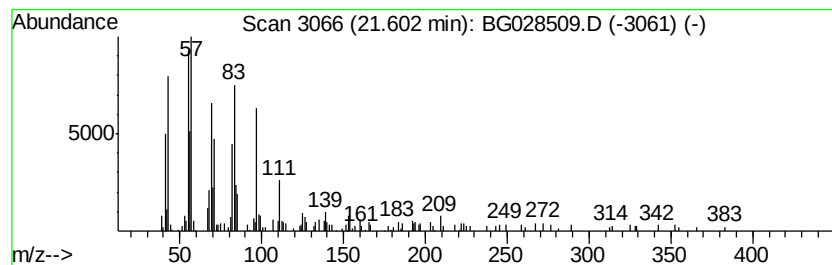
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.60	4.01 ng/ul	162141	Chrysene-d12	22.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
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Operator : SJ/JU
Sample : I4885-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AR9

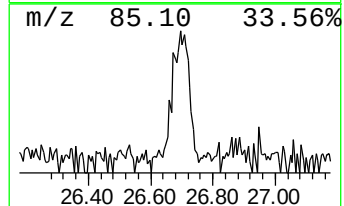
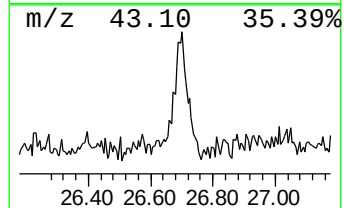
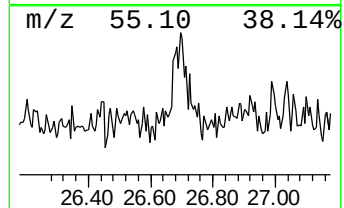
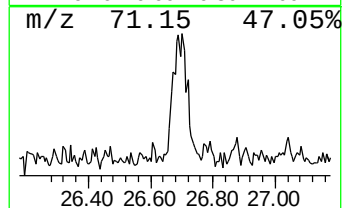
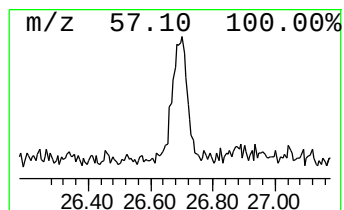
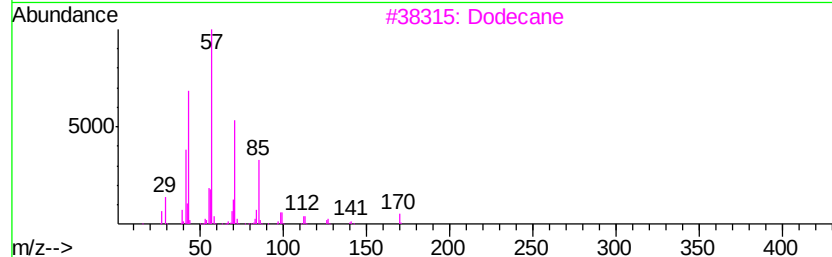
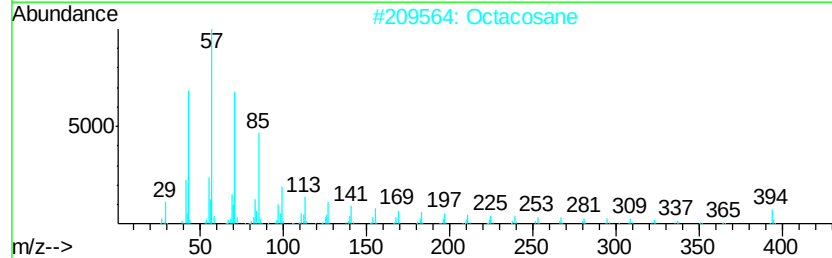
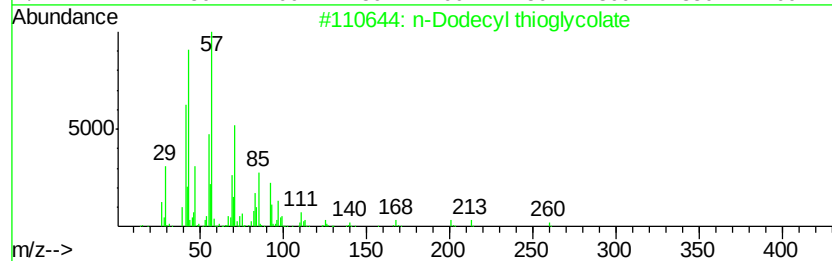
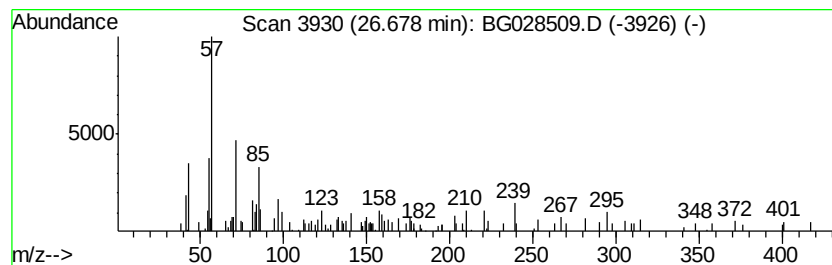
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Dodecyl thioglycolate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	2.32 ng/ul	94903	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Dodecyl thioglycolate	260	C14H28O2S	003746-39-2	53
2		Octacosane	394	C28H58	000630-02-4	50
3		Dodecane	170	C12H26	000112-40-3	49
4		1-Heptadecanamine	255	C17H37N	004200-95-7	49
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49



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Sample : I4885-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AR9

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
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(DEL) Alkane: Cyc...	18.04	3.1	ng/ul	103566	4	17.70	659010	20.0
Tridecanoic acid	18.55	5.5	ng/ul	183026	4	17.70	659010	20.0
Octadecanoic acid	19.80	3.0	ng/ul	97724	4	17.70	659010	20.0
Heptadecyl hepta...	21.60	4.0	ng/ul	162141	5	22.03	808791	20.0
n-Dodecyl thiogly...	26.68	2.3	ng/ul	94903	6	25.53	819092	20.0