

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
 Data File : BG026951.D
 Acq On : 11 May 2017 20:11
 Operator : SJ/MA
 Sample : I3054-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDCF4

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-BG042717.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	3.429	54	58	67	rVB	38474	65171	1.50%	0.140%
2	4.187	184	187	192	rBV5	3836	6396	0.15%	0.014%
3	5.103	338	343	352	rVV4	6940	15342	0.35%	0.033%
4	5.515	411	413	421	rVB5	2661	6281	0.14%	0.013%
5	5.961	483	489	493	rBV3	2805	5773	0.13%	0.012%
6	6.214	525	532	539	rVB4	6000	13338	0.31%	0.029%
7	7.001	660	666	671	rBV6	2323	6115	0.14%	0.013%
8	7.189	684	698	713	rBV	161852	357743	8.25%	0.768%
9	7.330	715	722	734	rVB	628282	1018127	23.47%	2.187%
10	7.424	734	738	747	rVB6	5660	12493	0.29%	0.027%
11	7.547	747	759	771	rBV	606354	1099443	25.35%	2.362%
12	8.006	828	837	851	rBV	562441	954979	22.02%	2.051%
13	8.552	923	930	932	rBV4	2822	6028	0.14%	0.013%
14	8.723	952	959	992	rBV	483393	963608	22.22%	2.070%
15	9.163	1026	1034	1048	rVV	725936	1273297	29.36%	2.735%
16	9.328	1056	1062	1065	rBV7	4114	8092	0.19%	0.017%
17	9.386	1069	1072	1081	rVB7	3177	7524	0.17%	0.016%
18	9.733	1122	1131	1137	rVB6	3607	9076	0.21%	0.019%
19	9.886	1147	1157	1173	rBV	586907	1066459	24.59%	2.291%
20	10.438	1240	1251	1272	rBV	819966	1646770	37.97%	3.537%
21	10.808	1304	1314	1326	rVB	866669	1579233	36.41%	3.392%
22	10.949	1330	1338	1354	rVB2	39491	92604	2.14%	0.199%
23	11.707	1456	1467	1487	rBV	301431	630528	14.54%	1.354%
24	12.283	1559	1565	1569	rVB6	3978	6081	0.14%	0.013%
25	12.383	1575	1582	1597	rVB2	18031	37600	0.87%	0.081%
26	12.595	1612	1618	1625	rBV7	4108	8923	0.21%	0.019%
27	13.076	1695	1700	1705	rBV5	3047	6647	0.15%	0.014%
28	13.223	1719	1725	1735	rBV5	5070	12681	0.29%	0.027%
29	13.517	1770	1775	1781	rBV4	11511	22232	0.51%	0.048%
30	13.599	1784	1789	1800	rVB7	5061	12711	0.29%	0.027%
31	14.022	1853	1861	1866	rBV	1666152	2486933	57.34%	5.342%
32	14.063	1866	1868	1877	rVV	106912	138169	3.19%	0.297%
33	14.210	1888	1893	1897	rVB7	4153	6653	0.15%	0.014%
34	14.316	1902	1911	1924	rBV	2056583	3334176	76.87%	7.162%

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35	14.504	1937	1943	1949	rVB2	16419	23185	0.53%	0.050%
36	14.616	1952	1962	1975	rBV2	1221213	2036720	46.96%	4.375%
37	14.857	1990	2003	2019	rBV4	72106	238070	5.49%	0.511%
38	15.027	2030	2032	2035	rBV4	4824	5251	0.12%	0.011%
39	15.121	2043	2048	2054	rVB6	8224	14223	0.33%	0.031%
40	15.191	2056	2060	2063	rBV5	6304	7604	0.18%	0.016%
41	15.350	2081	2087	2091	rBV6	5262	9004	0.21%	0.019%
42	15.403	2091	2096	2099	rVV2	14296	20140	0.46%	0.043%
43	15.450	2099	2104	2110	rVV	57568	74121	1.71%	0.159%
44	15.503	2110	2113	2119	rVB6	4470	7416	0.17%	0.016%
45	15.603	2120	2130	2145	rVV	2486097	3879820	89.45%	8.334%
46	15.732	2145	2152	2165	rVV	503566	790404	18.22%	1.698%
47	15.844	2165	2171	2177	rVV4	51239	98184	2.26%	0.211%
48	15.891	2177	2179	2185	rVB6	5720	9629	0.22%	0.021%
49	15.944	2185	2188	2193	rVB6	8415	12862	0.30%	0.028%
50	16.002	2193	2198	2204	rVB5	10836	17761	0.41%	0.038%
51	16.067	2204	2209	2214	rBV6	9168	15503	0.36%	0.033%
52	16.149	2221	2223	2227	rBV5	4125	7076	0.16%	0.015%
53	16.237	2235	2238	2240	rBV4	6512	7943	0.18%	0.017%
54	16.308	2245	2250	2260	rBV	83149	133234	3.07%	0.286%
55	16.378	2260	2262	2271	rVB9	7830	13765	0.32%	0.030%
56	16.478	2276	2279	2284	rVB5	5587	6910	0.16%	0.015%
57	16.555	2288	2292	2300	rVB10	8437	17219	0.40%	0.037%
58	16.654	2304	2309	2312	rBV5	12338	21053	0.49%	0.045%
59	16.713	2316	2319	2322	rVB5	10160	11336	0.26%	0.024%
60	16.760	2322	2327	2331	rBV7	7845	14025	0.32%	0.030%
61	16.813	2333	2336	2339	rBV4	9088	10610	0.24%	0.023%
62	16.878	2343	2347	2351	rBV5	6235	7550	0.17%	0.016%
63	16.925	2351	2355	2357	rVV5	4297	6673	0.15%	0.014%
64	16.942	2357	2358	2365	rVB7	4812	7502	0.17%	0.016%
65	17.095	2380	2384	2388	rBV	53544	64821	1.49%	0.139%
66	17.148	2389	2393	2403	rVB3	22470	37964	0.88%	0.082%
67	17.248	2407	2410	2416	rVB6	5839	8806	0.20%	0.019%
68	17.354	2421	2428	2438	rBV	1393587	2106527	48.57%	4.525%
69	17.454	2438	2445	2462	rVV2	2572470	4016328	92.60%	8.627%
70	17.642	2470	2477	2483	rBV9	5308	14351	0.33%	0.031%
71	17.730	2489	2492	2500	rVB8	6704	14784	0.34%	0.032%

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72	17.830	2504	2509	2517	rBV4	18621	32936	0.76%	0.071%
73	17.900	2517	2521	2522	rBV4	3685	5242	0.12%	0.011%
74	18.006	2534	2539	2546	rVV10	7164	15344	0.35%	0.033%
75	18.235	2571	2578	2594	rBV2	138299	305322	7.04%	0.656%
76	18.352	2597	2598	2608	rVB9	6578	10573	0.24%	0.023%
77	18.523	2626	2627	2633	rBV6	4523	7473	0.17%	0.016%
78	18.587	2634	2638	2646	rVB10	10485	26601	0.61%	0.057%
79	18.864	2683	2685	2689	rBV5	7065	9305	0.21%	0.020%
80	19.140	2730	2732	2736	rBV5	4163	6460	0.15%	0.014%
81	19.293	2753	2758	2762	rBV8	5478	11542	0.27%	0.025%
82	19.375	2766	2772	2778	rBV	46760	99971	2.30%	0.215%
83	19.498	2789	2793	2809	rBV2	116747	251993	5.81%	0.541%
84	19.627	2809	2815	2823	rVB2	29541	69791	1.61%	0.150%
85	19.733	2826	2833	2840	rBV	2865691	4128799	95.19%	8.869%
86	19.810	2842	2846	2857	rVB5	17394	47806	1.10%	0.103%
87	19.951	2867	2870	2878	rBV10	6570	13630	0.31%	0.029%
88	20.738	3000	3004	3008	rVB5	18987	28851	0.67%	0.062%
89	21.478	3126	3130	3137	rVB	60412	90145	2.08%	0.194%
90	21.602	3144	3151	3161	rBV	1301595	2130259	49.12%	4.576%
91	22.360	3278	3280	3284	rBV5	26945	38266	0.88%	0.082%
92	23.035	3392	3395	3404	rVB4	47544	85935	1.98%	0.185%
93	23.817	3523	3528	3538	rVB2	63747	134671	3.10%	0.289%
94	24.551	3642	3653	3677	rBV2	1409171	4337245	100.00%	9.316%
95	24.763	3678	3689	3710	rVB2	732677	2392291	55.16%	5.139%
96	25.844	3864	3873	3884	rBV2	91137	271333	6.26%	0.583%
97	27.160	4087	4097	4108	rVB4	90776	323580	7.46%	0.695%
98	28.740	4357	4366	4380	rVB4	62549	253253	5.84%	0.544%
99	30.667	4683	4694	4706	rVB6	48674	225143	5.19%	0.484%
100	31.220	4778	4788	4806	rVB5	93924	495480	11.42%	1.064%

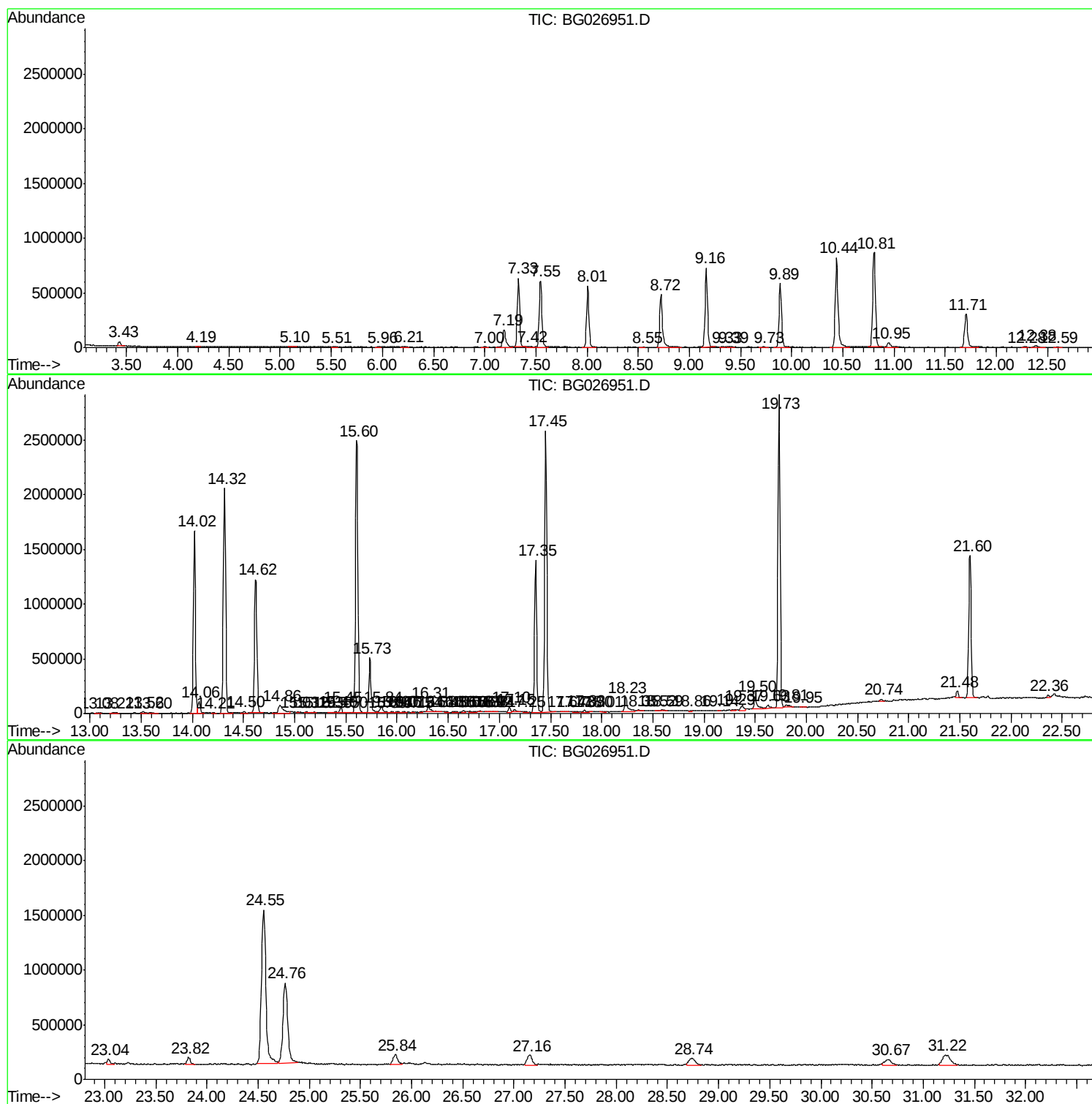
Sum of corrected areas: 46554840

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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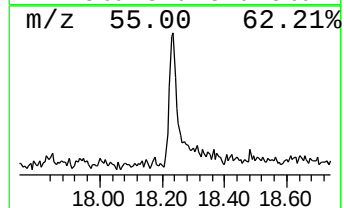
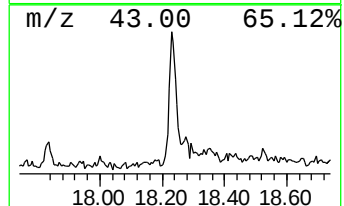
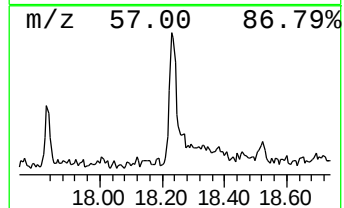
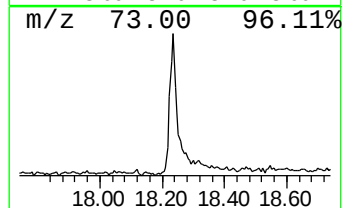
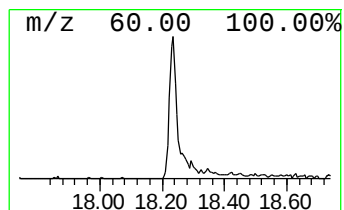
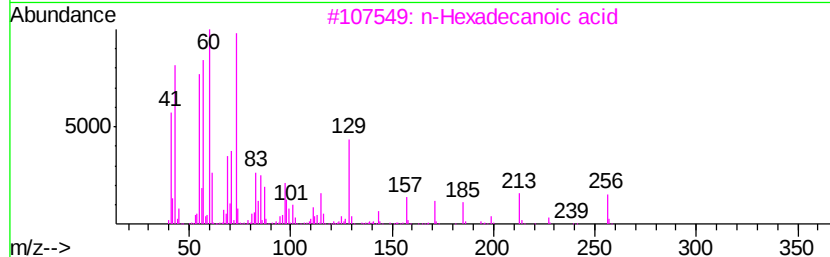
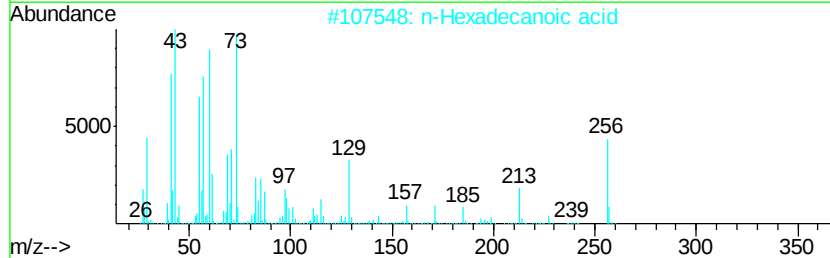
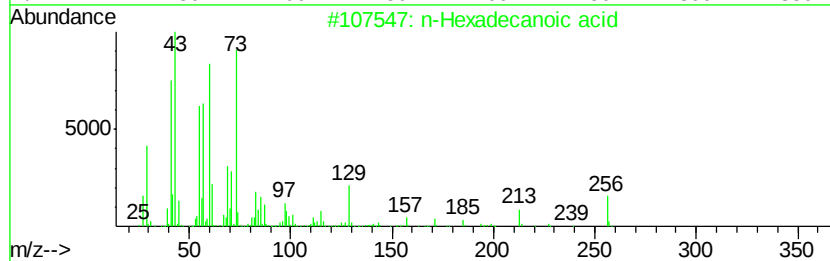
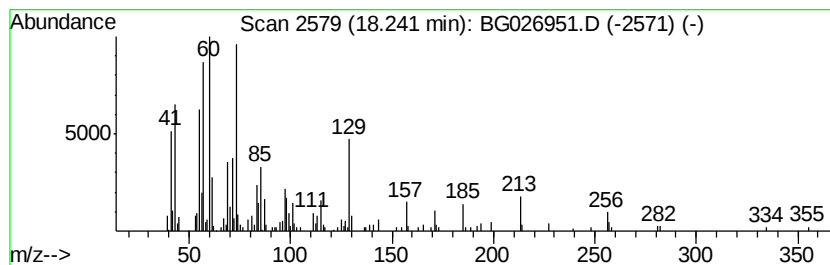
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.24	2.90 ng/ul	305322	Phenanthrene-d10	17.35		
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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	86	



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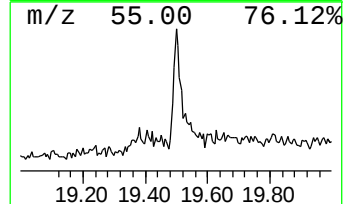
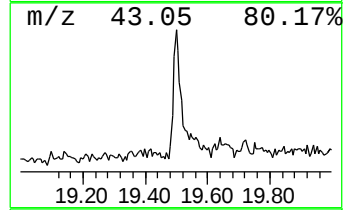
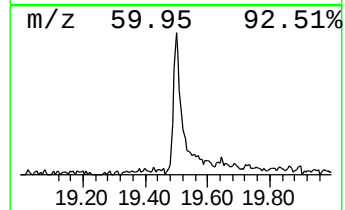
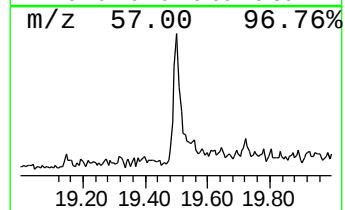
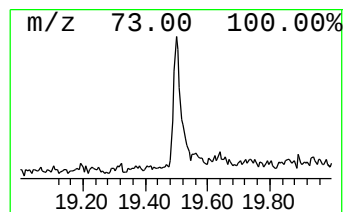
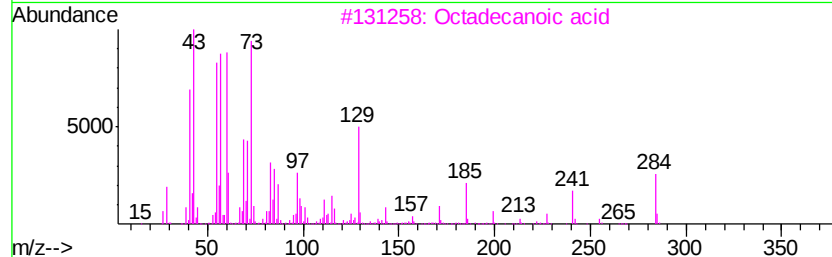
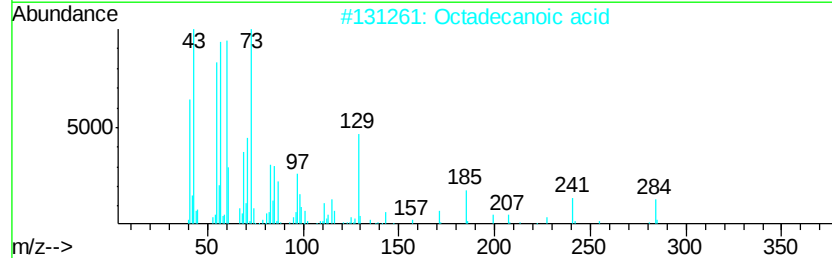
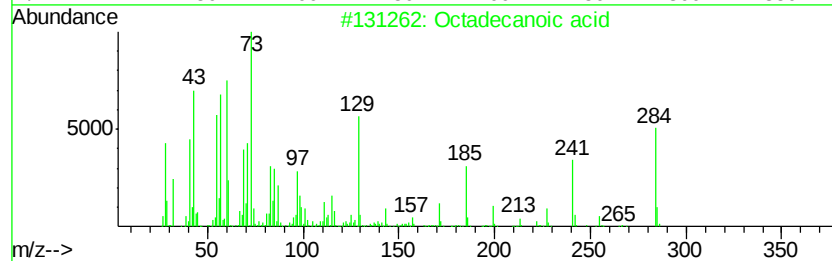
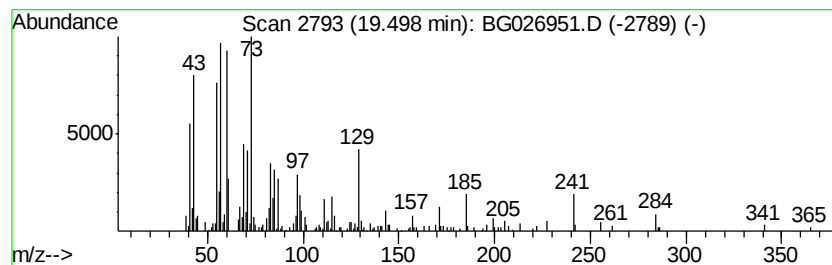
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.50	2.37 ng/ul	251993	Chrysene-d12		21.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	97
5			Octadecanoic acid	284	C18H36O2	000057-11-4	96



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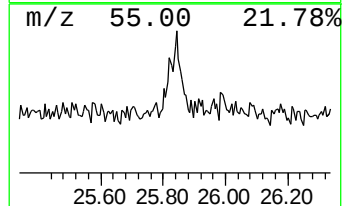
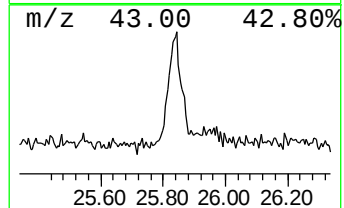
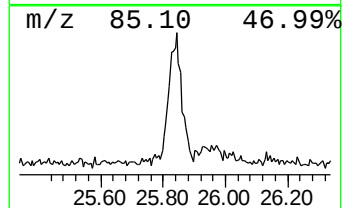
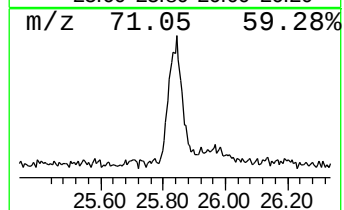
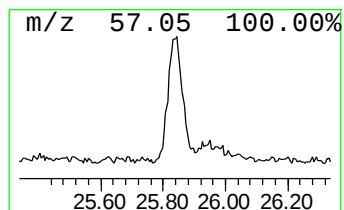
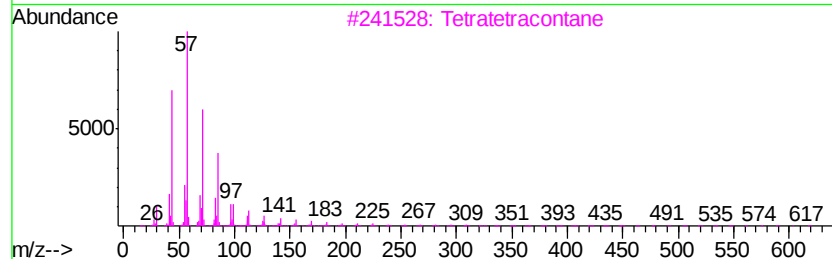
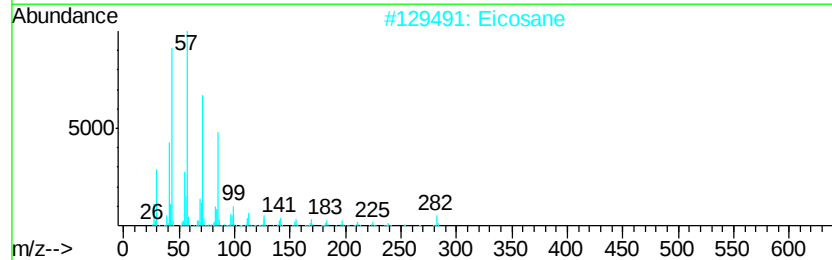
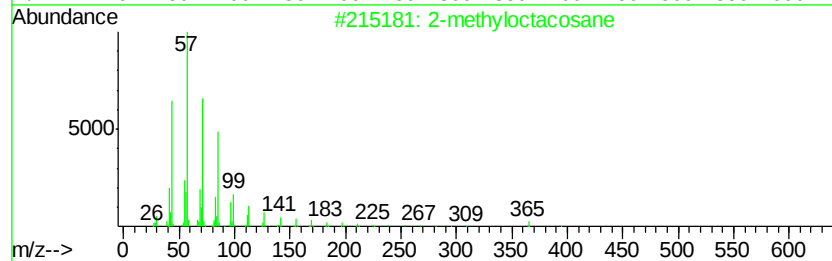
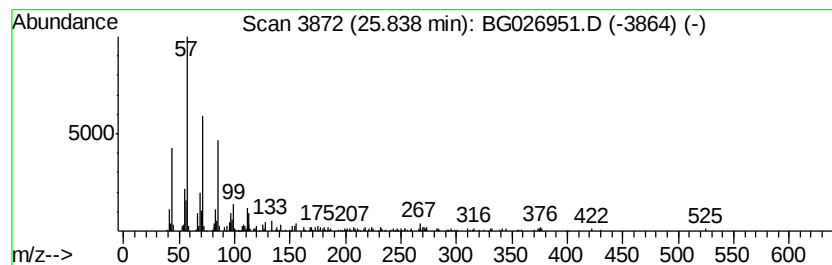
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.27 ng/ul	271333	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	72
2		Eicosane	282	C20H42	000112-95-8	70
3		Tetratetracontane	619	C44H90	007098-22-8	68
4		Tetracosane	338	C24H50	000646-31-1	64
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026951.D
Acq On : 11 May 2017 20:11
Operator : SJ/MA
Sample : I3054-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCF4

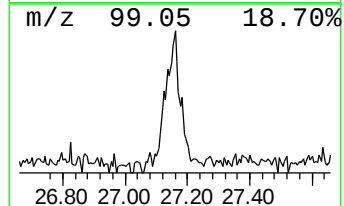
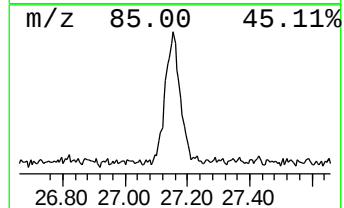
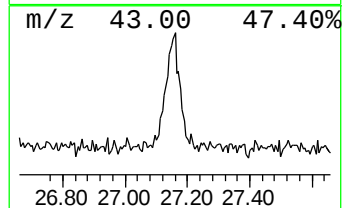
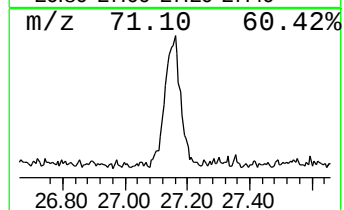
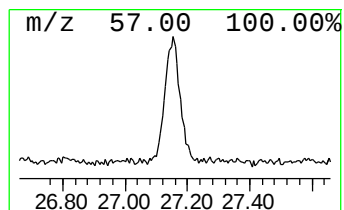
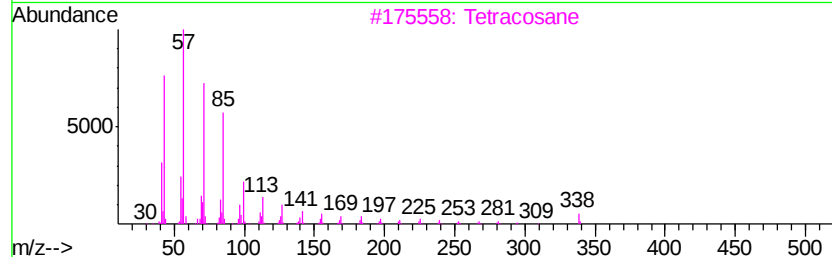
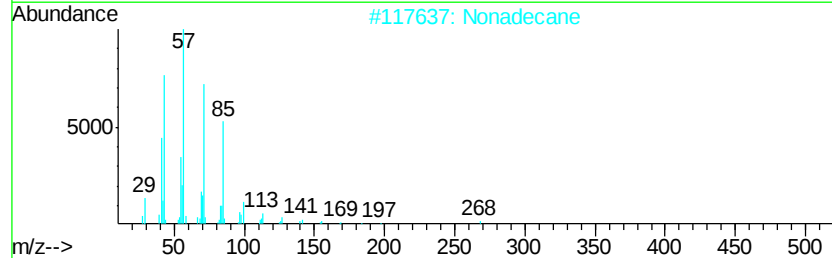
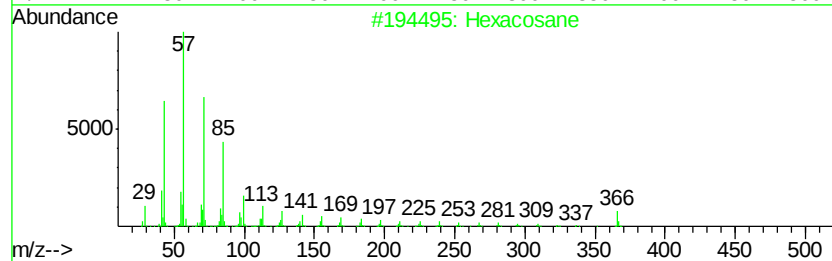
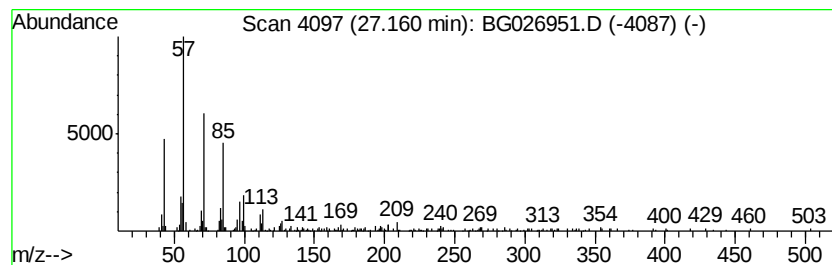
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.71 ng/ul	323580	Perylene-d12	24.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Nonadecane	268	C19H40	000629-92-5	89
3			Tetracosane	338	C24H50	000646-31-1	87
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026951.D
Acq On : 11 May 2017 20:11
Operator : SJ/MA
Sample : I3054-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCF4

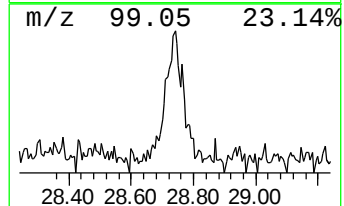
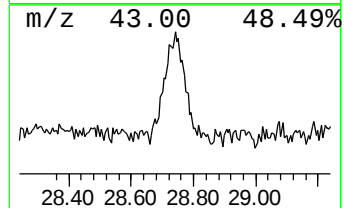
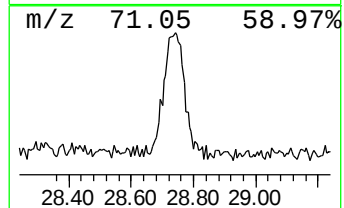
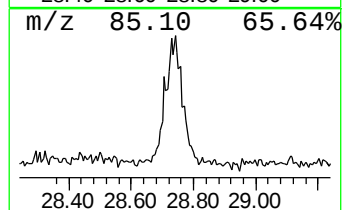
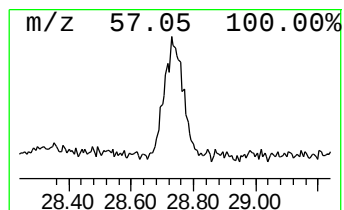
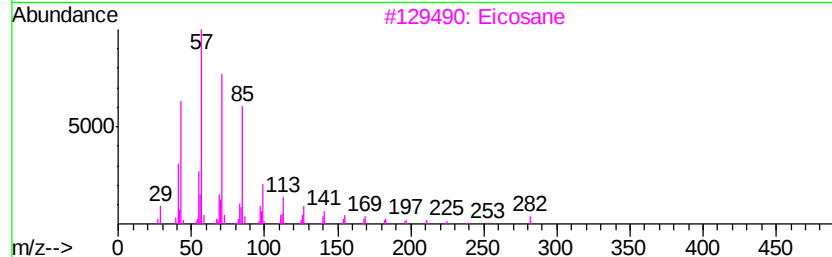
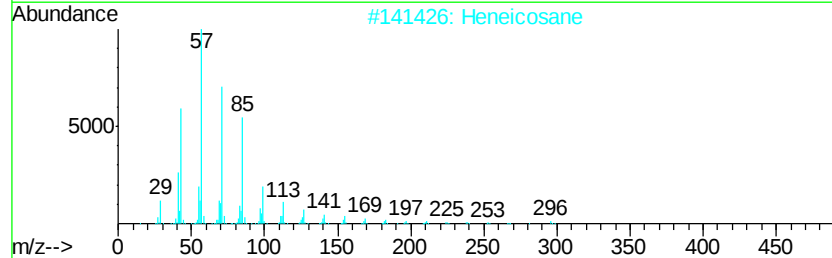
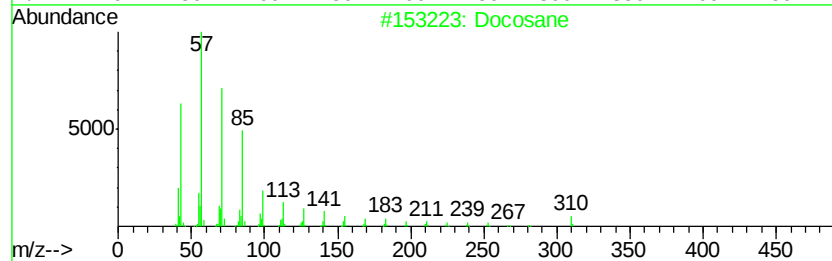
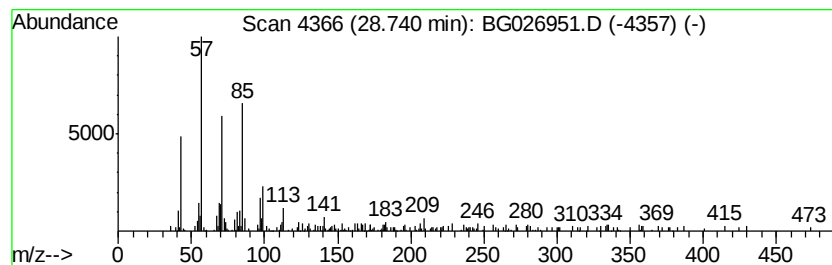
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.12 ng/ul	253253	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Heneicosane	296	C21H44	000629-94-7	80
3		Eicosane	282	C20H42	000112-95-8	76
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026951.D
Acq On : 11 May 2017 20:11
Operator : SJ/MA
Sample : I3054-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCF4

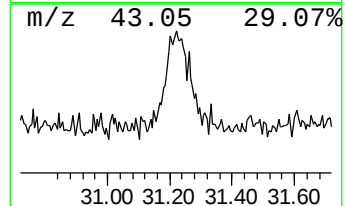
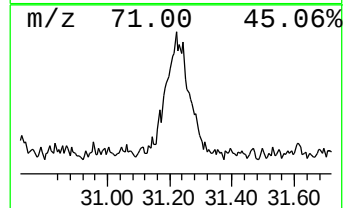
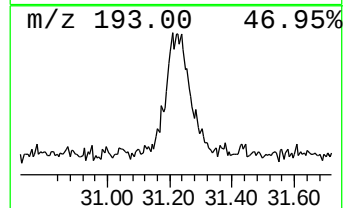
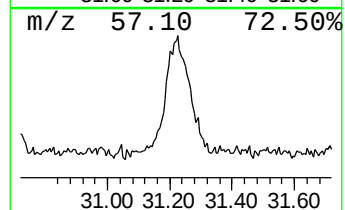
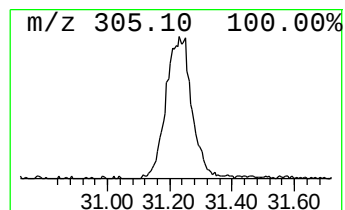
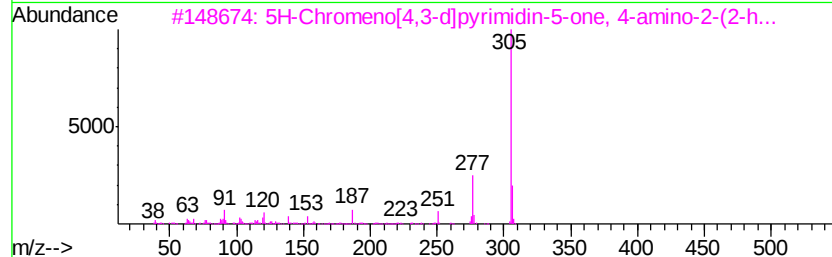
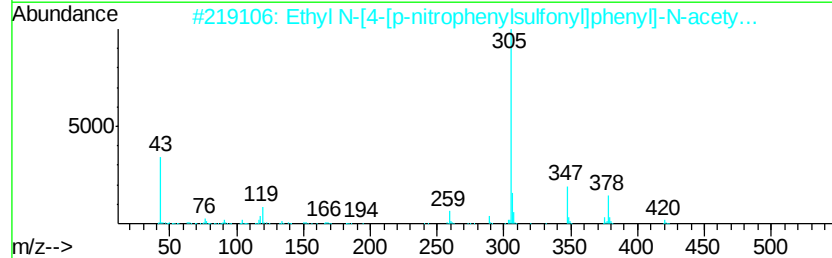
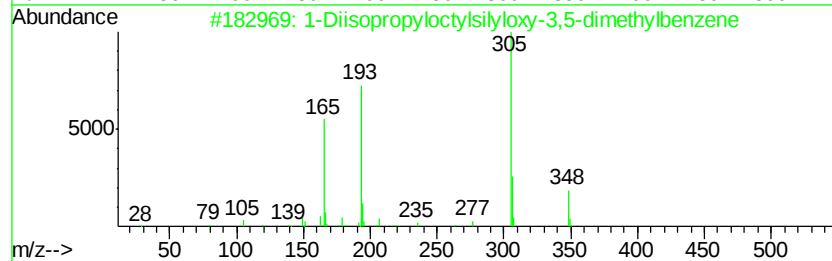
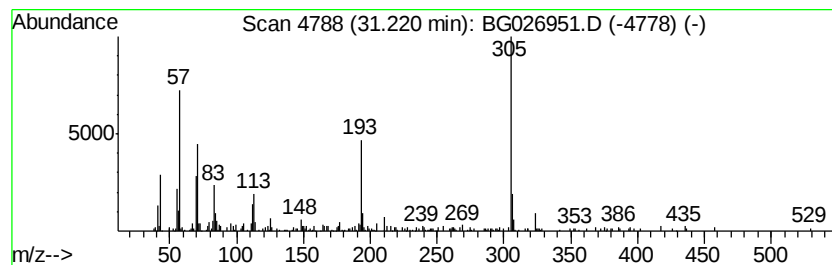
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.22	4.14 ng/ul	495480	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Diisopropyloctylsilyloxy-3,5-d...	348	C22H40OSi	1000307-85-1	42
2		Ethyl N-[4-[p-nitrophenylsulfonyl]...	420	C19H20N2O7S	032656-61-4	35
3		5H-Chromeno[4,3-d]pyrimidin-5-on...	305	C17H11N3O3	038370-06-8	35
4		5-Methyl-2-[5-(2-methyl-benzooxa...	305	C18H15N3O2	1000301-25-7	25
5		[4,4-Dimethyl-5-(2,3,3-trimethyl...	394	C21H34N2O2S	1000195-20-6	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
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Sample : I3054-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	18.24	2.9	ng/ul	305322	4	17.35	2106530	20.0
Octadecanoic acid	19.50	2.4	ng/ul	251993	5	21.60	2130260	20.0
(DEL) Alkane: Str...	25.84	2.3	ng/ul	271333	6	24.77	2392290	20.0
(DEL) Alkane: Str...	27.16	2.7	ng/ul	323580	6	24.77	2392290	20.0
(DEL) Alkane: Str...	28.74	2.1	ng/ul	253253	6	24.77	2392290	20.0
unknown-01	31.22	4.1	ng/ul	495480	6	24.77	2392290	20.0