LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028397.D
Acq On : 21 Aug 2017 20:42
Operator : SJ/JU
Sample : I4713-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 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	3.773	27	31	34	rVB4	2385	3823	0.33%	0.030%
2	3.832	34	41	45	rBV7	6956	13117	1.13%	0.102%
3	4.096	83	86	89	rBV3	1979	3024	0.26%	0.024%
4	4.190	101	102	107	rBV3	2166	3516	0.30%	0.027%
5	4.331	121	126	130	rBV4	2846	3871	0.33%	0.030%
6	4.396	134	137	141	rBV3	1873	3068	0.26%	0.024%
7	4.443	141	145	152	rVV6	1907	4015	0.35%	0.031%
8	4.561	159	165	179	rVB	51197	89872	7.73%	0.699%
9	4.754	193	198	206	rBV6	2476	6508	0.56%	0.051%
10	4.960	229	233	236	rBV2	2632	4064	0.35%	0.032%
11	5.260	280	284	290	rVB5	2948	6246	0.54%	0.049%
12	5.442	310	315	320	rBV3	3807	6942	0.60%	0.054%
13	5.553	331	334	339	rVB4	2189	3545	0.30%	0.028%
14	5.700	354	359	360	rBV4	1986	3060	0.26%	0.024%
15	6.435	478	484	487	rBV5	2378	3266	0.28%	0.025%
16	6.605	511	513	520	rBV3	1692	3986	0.34%	0.031%
17	6.729	530	534	539	rBV3	1925	3064	0.26%	0.024%
18	6.981	571	577	581	rBV2	2982	3327	0.29%	0.026%
19	7.069	586	592	598	rBV5	1490	3480	0.30%	0.027%
20	7.492	657	664	683	rBV	108946	236097	20.31%	1.836%
21	7.657	683	692	703	rVB	83946	145872	12.55%	1.134%
22	7.874	722	729	738	rVB	107539	198546	17.08%	1.544%
23	8.344	799	809	820	rBV2	115736	213109	18.33%	1.657%
24	8.532	836	841	845	rBV2	2316	2780	0.24%	0.022%
25	8.603	845	853	857	rVB4	2026	3676	0.32%	0.029%
26	9.038	916	927	939	rVB3	129544	250141	21.52%	1.945%
27	9.161	947	948	955	rVB3	2064	3381	0.29%	0.026%
28	9.508	997	1007	1020	rVV	111380	214153	18.42%	1.665%
29	9.631	1026	1028	1035	rVB3	2170	4597	0.40%	0.036%
30	9.931	1076	1079	1083	rBV2	2545	2992	0.26%	0.023%
31	9.972	1083	1086	1090	rBV3	1917	3307	0.28%	0.026%
32	10.236	1123	1131	1145	rBV3	96044	190639	16.40%	1.482%
33	10.383	1150	1156	1161	rBV4	1752	5318	0.46%	0.041%
34	10.777	1216	1223	1236	rBV	140164	276302	23.77%	2.148%

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Misc :
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Instrument : BNA_G
ClientSampleId : E7GC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

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

35	11.159	1281	1288	1298	rVB	183069	335665	28.87%	2.610%
36	11.294	1302	1311	1323	rBV2	131560	258599	22.24%	2.010%
37	11.905	1411	1415	1418	rBV2	2771	3211	0.28%	0.025%
38	12.034	1435	1437	1441	rBV2	2359	2847	0.24%	0.022%
39	12.404	1497	1500	1504	rBV	2283	2866	0.25%	0.022%
40	12.622	1533	1537	1542	rBV3	2639	4653	0.40%	0.036%
41	12.716	1548	1553	1555	rBV3	2335	3344	0.29%	0.026%
42	13.303	1648	1653	1661	rVB5	2947	5688	0.49%	0.044%
43	13.538	1689	1693	1702	rVB4	3855	10030	0.86%	0.078%
44	14.102	1785	1789	1794	rVB3	2509	3841	0.33%	0.030%
45	14.337	1822	1829	1834	rBV	352529	529378	45.54%	4.116%
46	14.384	1834	1837	1845	rVB	115142	163096	14.03%	1.268%
47	14.549	1859	1865	1867	rBV2	2098	2781	0.24%	0.022%
48	14.649	1875	1882	1892	rBV	324418	541236	46.56%	4.208%
49	14.725	1892	1895	1898	rVB2	2727	3242	0.28%	0.025%
50	14.760	1898	1901	1904	rBV2	1732	2855	0.25%	0.022%
51	14.813	1904	1910	1913	rVV5	2108	3331	0.29%	0.026%
52	14.948	1924	1933	1943	rVB2	317620	550873	47.39%	4.283%
53	15.154	1960	1968	1980	rBV3	81617	189952	16.34%	1.477%
54	15.354	2000	2002	2008	rVB5	5178	7514	0.65%	0.058%
55	15.412	2010	2012	2014	rVB3	3360	3083	0.27%	0.024%
56	15.477	2021	2023	2031	rBV5	2664	3328	0.29%	0.026%
57	15.618	2043	2047	2053	rVB5	2742	5661	0.49%	0.044%
58	15.712	2058	2063	2065	rBV3	3877	6086	0.52%	0.047%
59	15.747	2065	2069	2074	rVB5	8825	13714	1.18%	0.107%
60	15.935	2093	2101	2109	rBV	471115	744742	64.06%	5.790%
61	16.053	2113	2121	2132	rBV	136119	232594	20.01%	1.808%
62	16.176	2137	2142	2147	rVB5	6292	13493	1.16%	0.105%
63	16.300	2161	2163	2166	rBV2	3665	3997	0.34%	0.031%
64	16.370	2171	2175	2178	rBV4	3010	4350	0.37%	0.034%
65	16.611	2209	2216	2228	rBV5	11814	24542	2.11%	0.191%
66	16.805	2239	2249	2252	rBV5	3182	6033	0.52%	0.047%
67	17.064	2289	2293	2297	rBV7	4306	5799	0.50%	0.045%
68	17.116	2301	2302	2309	rVB6	4053	4176	0.36%	0.032%
69	17.187	2309	2314	2317	rBV3	3077	4593	0.40%	0.036%
70	17.422	2346	2354	2362	rBV	258824	367524	31.61%	2.857%
71	17.528	2366	2372	2377	rVB2	93430	129256	11.12%	1.005%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

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

72	17.616	2383	2387	2393	rBV5	11561	18499	1.59%	0.144%
73	17.698	2393	2401	2411	rVV2	525868	819993	70.54%	6.375%
74	17.798	2411	2418	2426	rVV	577987	902917	77.67%	7.020%
75	17.868	2426	2430	2431	rVV3	2981	4344	0.37%	0.034%
76	17.886	2431	2433	2436	rVB4	5371	4331	0.37%	0.034%
77	18.027	2454	2457	2459	rBV3	2528	2976	0.26%	0.023%
78	18.145	2474	2477	2481	rVB3	4784	5882	0.51%	0.046%
79	18.250	2492	2495	2497	rBV4	3945	4221	0.36%	0.033%
80	18.427	2520	2525	2527	rBV3	2345	3105	0.27%	0.024%
81	18.544	2539	2545	2554	rBV2	48031	94729	8.15%	0.736%
82	18.720	2573	2575	2580	rBV5	3830	5381	0.46%	0.042%
83	18.856	2595	2598	2606	rVB7	6431	11092	0.95%	0.086%
84	18.926	2606	2610	2622	rBV7	7020	19048	1.64%	0.148%
85	19.061	2627	2633	2643	rVB3	44849	85681	7.37%	0.666%
86	19.132	2643	2645	2651	rVB6	4739	8525	0.73%	0.066%
87	19.378	2686	2687	2690	rBV2	2498	3171	0.27%	0.025%
88	19.467	2696	2702	2710	rVB3	42677	73927	6.36%	0.575%
89	19.707	2738	2743	2748	rBV6	11116	22635	1.95%	0.176%
90	19.801	2754	2759	2769	rBV7	39699	66610	5.73%	0.518%
91	20.072	2799	2805	2815	rVB	826938	1162507	100.00%	9.038%
92	20.330	2848	2849	2852	rBV3	4784	3805	0.33%	0.030%
93	20.383	2856	2858	2861	rBV3	4004	4323	0.37%	0.034%
94	21.599	3062	3065	3070	rVB7	9982	15080	1.30%	0.117%
95	22.028	3131	3138	3147	rBV	548078	971096	83.53%	7.550%
96	24.437	3542	3548	3557	rVB4	22976	58396	5.02%	0.454%
97	25.289	3680	3693	3709	rBV2	367224	1145067	98.50%	8.902%
98	25.530	3717	3734	3748	rVB4	296955	1008290	86.73%	7.839%
99	26.693	3925	3932	3944	rVB3	35569	104600	9.00%	0.813%
100	28.156	4172	4181	4193	rVB5	32398	111570	9.60%	0.867%

Sum of corrected areas: 12862478

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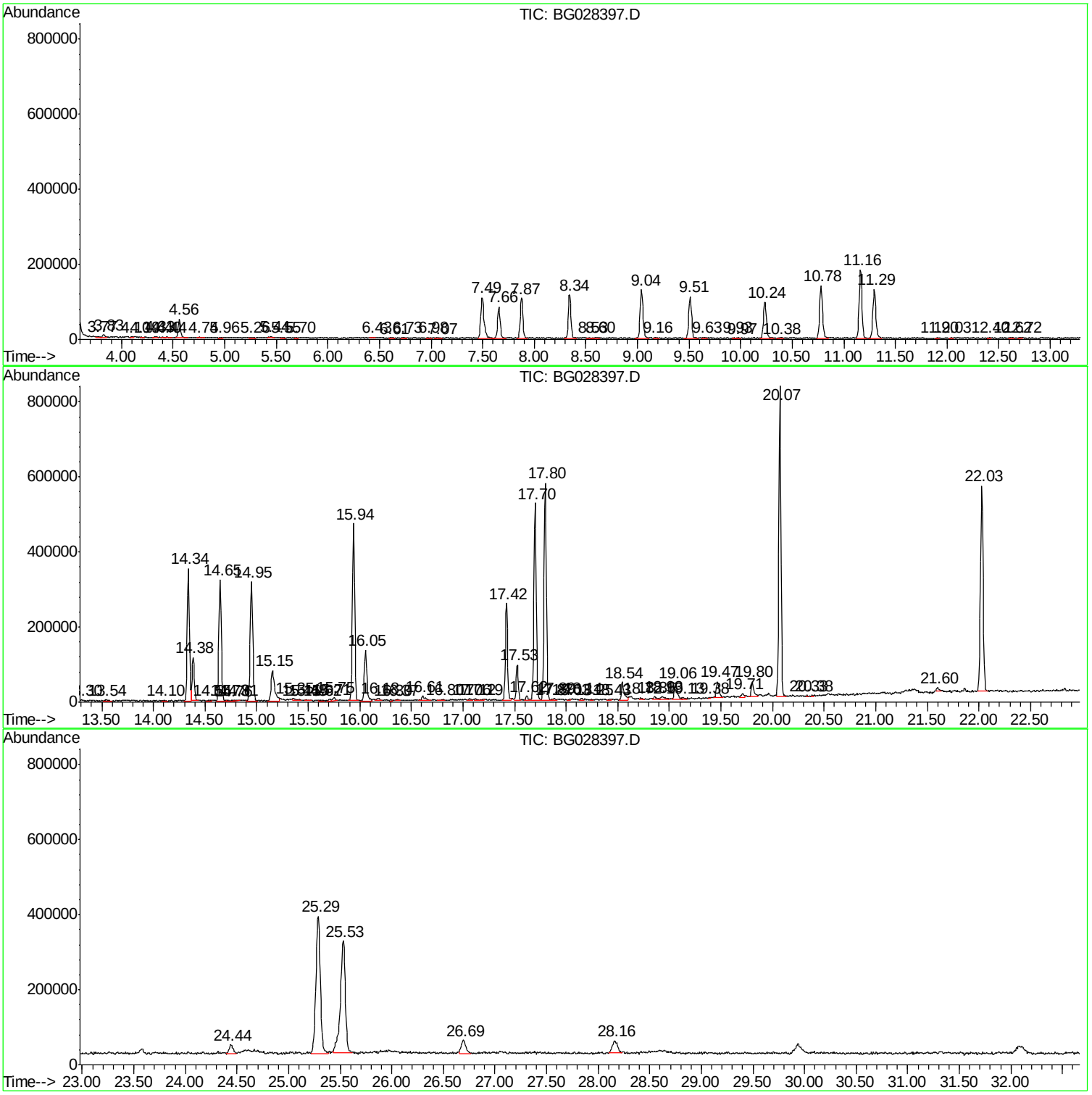
Instrument :
BNA_G
ClientSampleId :
E7GC6

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



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028397.D
Acq On : 21 Aug 2017 20:42
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Sample : I4713-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GC6

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

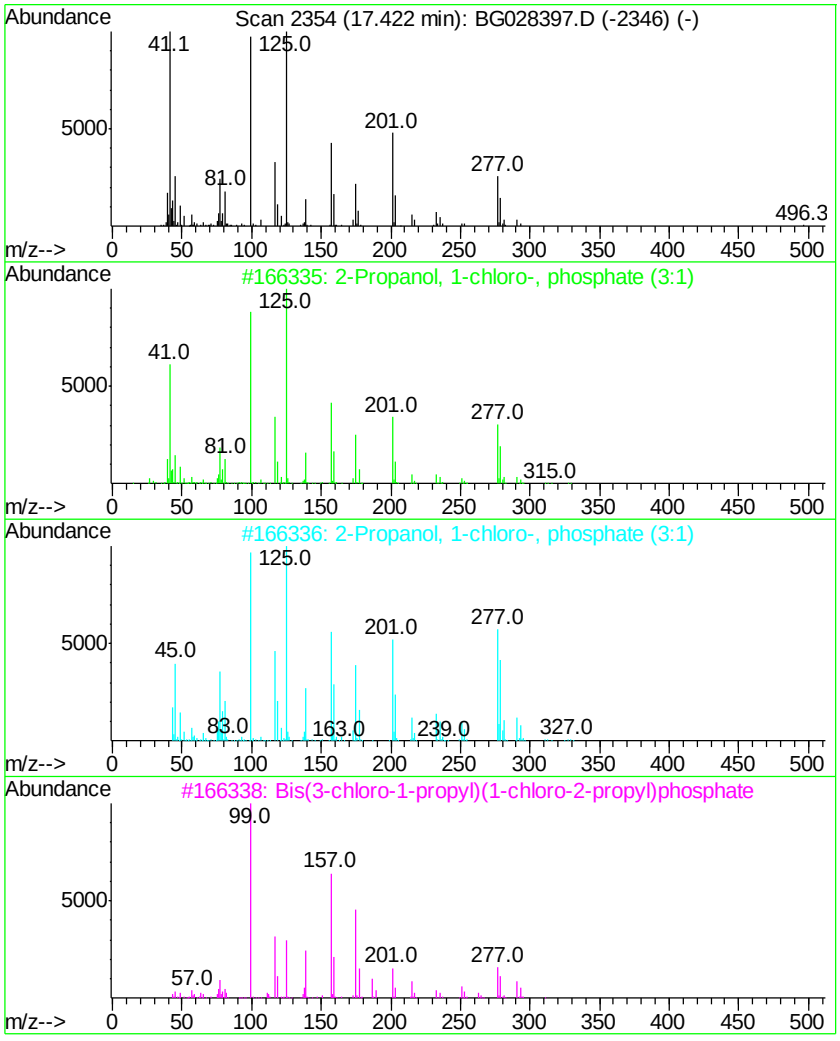
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

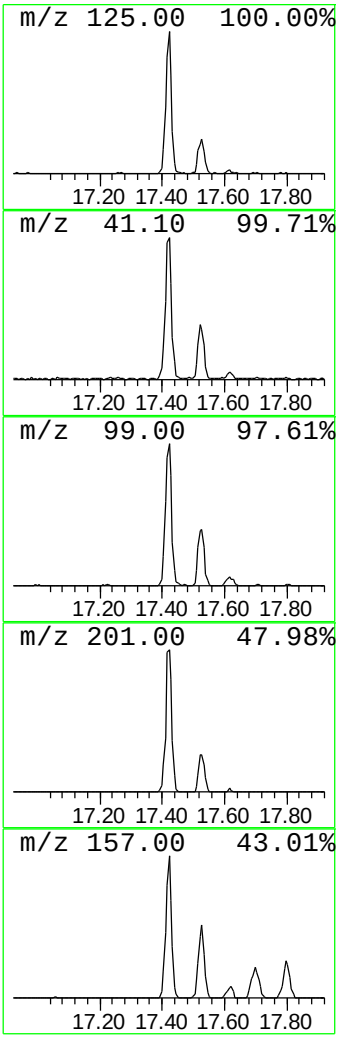
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	8.96 ng/ul	367524	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	49
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	47
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
4	Fumaric acid, allyl undecyl ester	310	C18H30O4	1000329-77-9	22
5	Sarin	140	C4H10FO2P	000107-44-8	14





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Sample : I4713-16
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Instrument : BNA_G
ClientSampleId : E7GC6

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

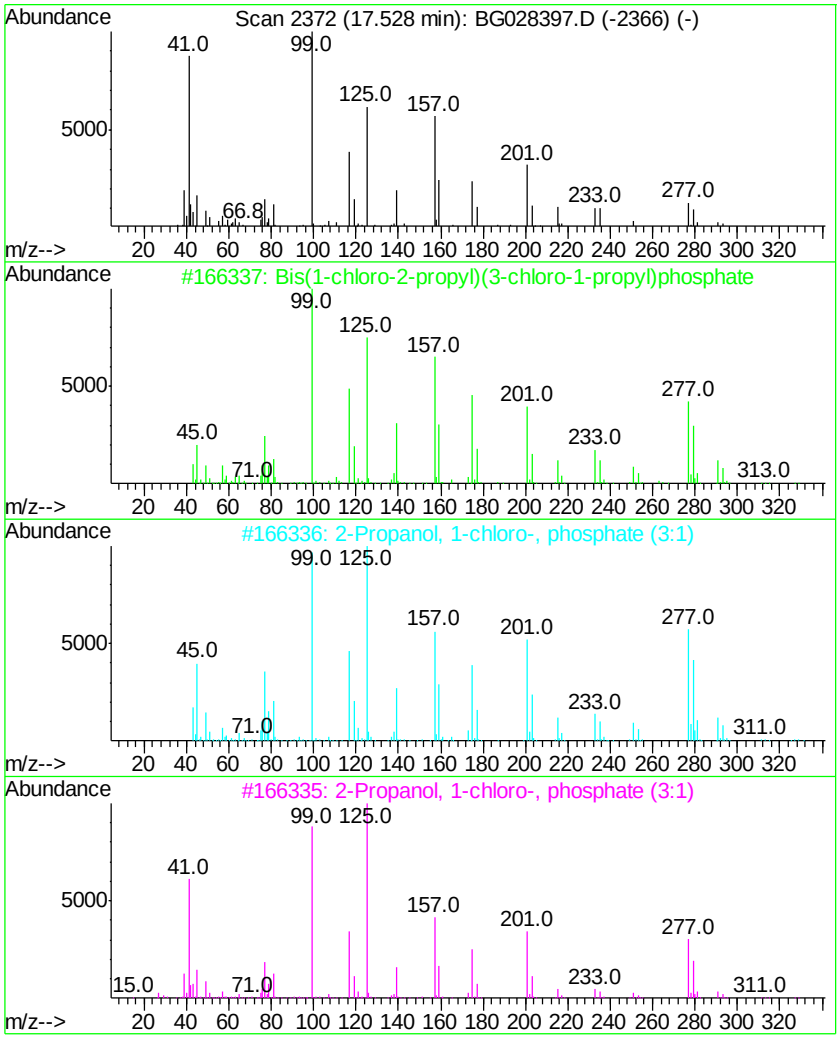
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

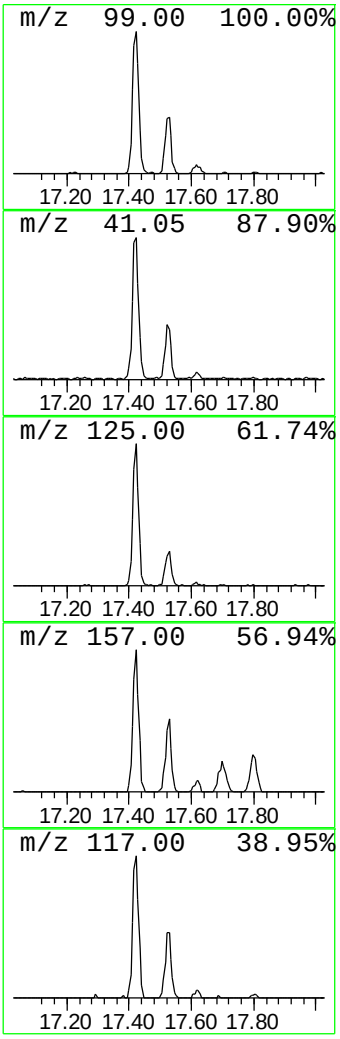
****

Peak Number 3 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	3.15 ng/ul	129256	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	87
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	50
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	43
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
5	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	16





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Instrument : BNA_G
ClientSampleId : E7GC6

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

TIC Library : C:\DATABASE\NIST11.L
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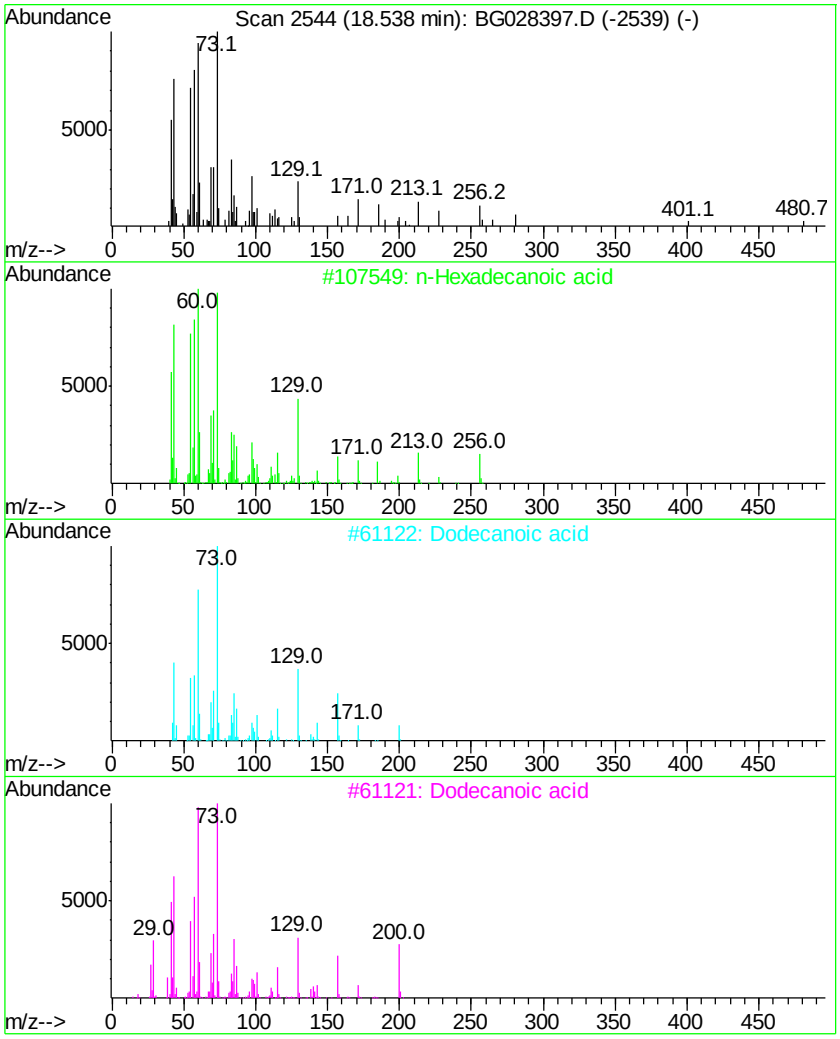
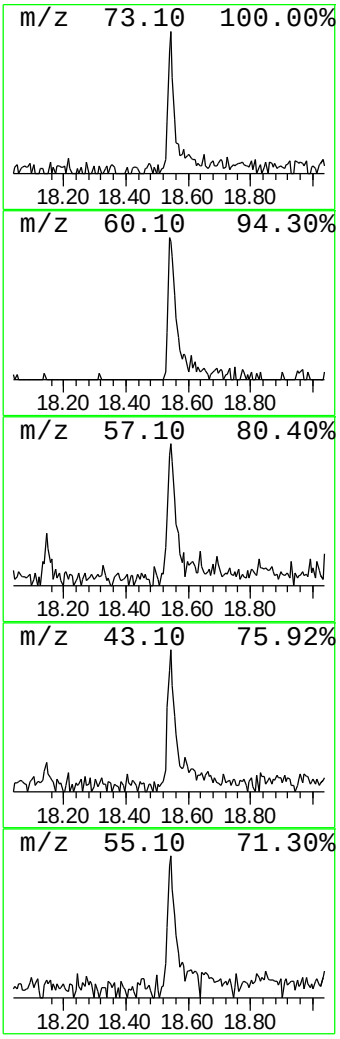
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.31 ng/ul	94729	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





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Instrument : BNA_G
ClientSampleId : E7GC6

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

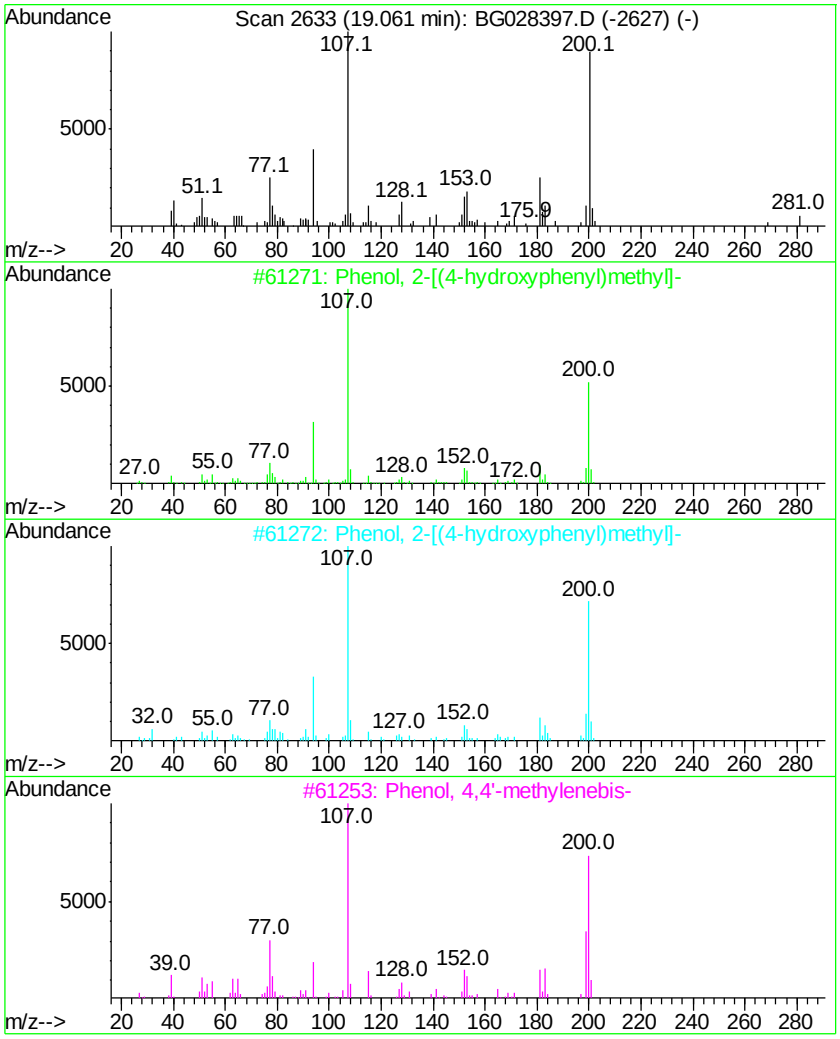
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

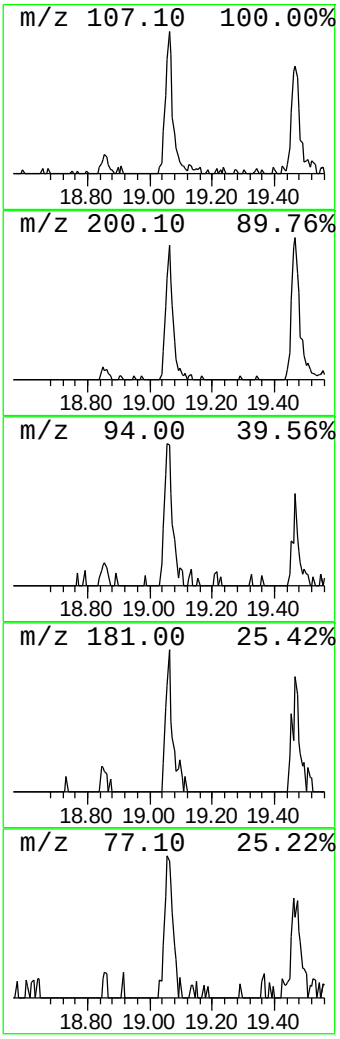
****

Peak Number 5 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.09 ng/ul	85681	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	78
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	72
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	68
4	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	59
5	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	38





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Sample : I4713-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GC6

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

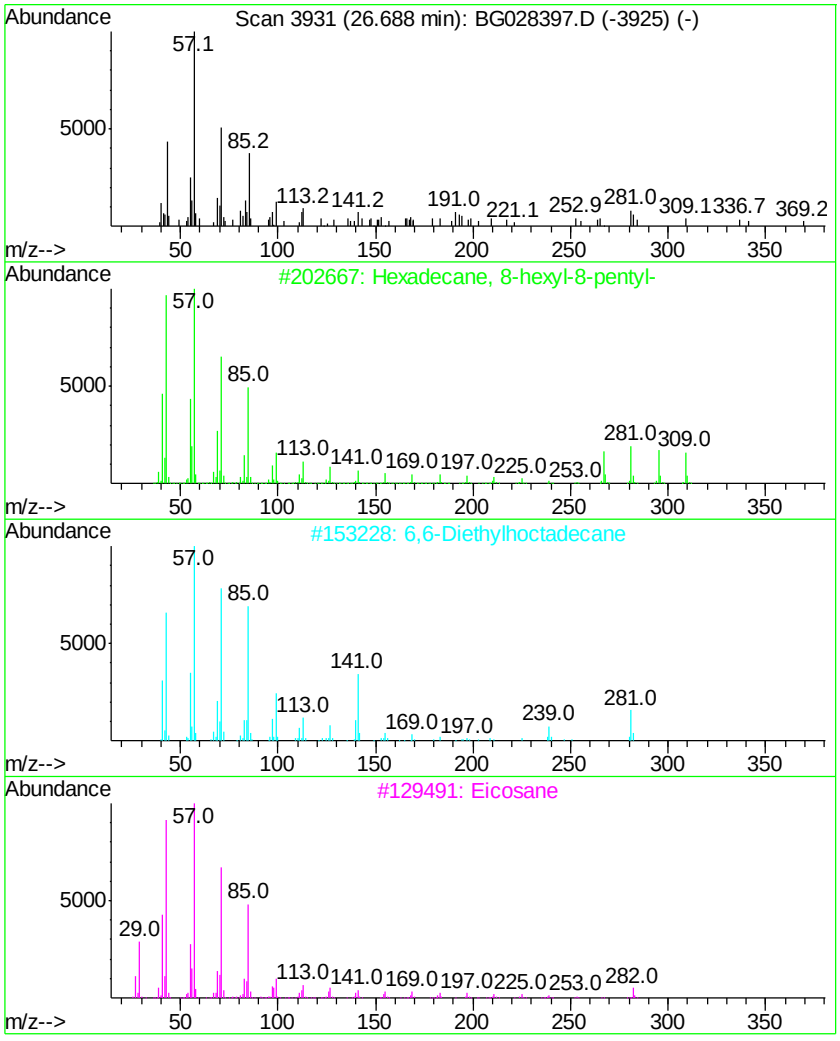
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

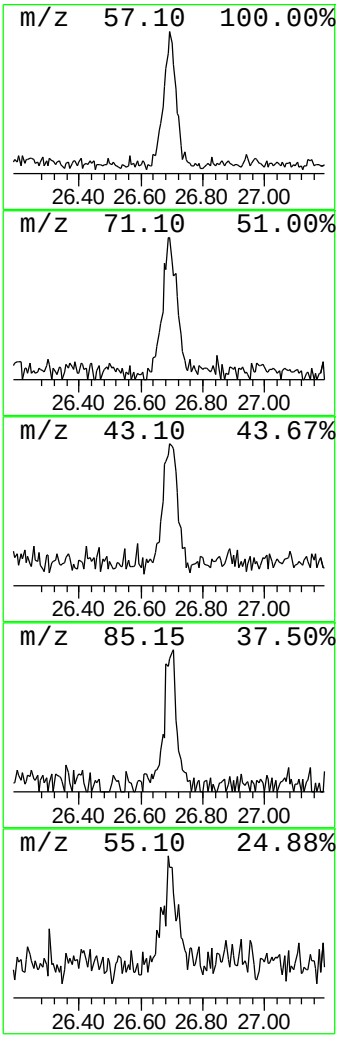
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.07 ng/ul	104600	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	59
2	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	59
3	Eicosane	282	C20H42	000112-95-8	52
4	1-Iodoundecane	282	C11H23I	004282-44-4	47
5	Tridecane	184	C13H28	000629-50-5	47





Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028397.D
Acq On : 21 Aug 2017 20:42
Operator : SJ/JU
Sample : I4713-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GC6

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

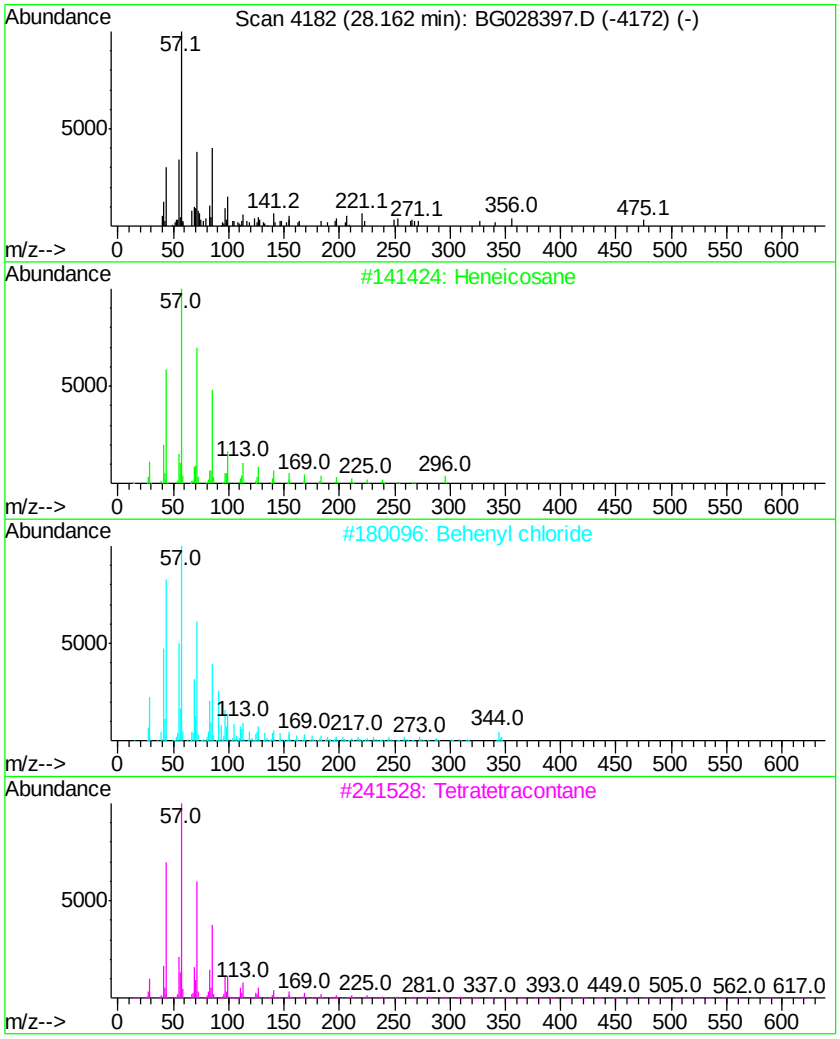
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

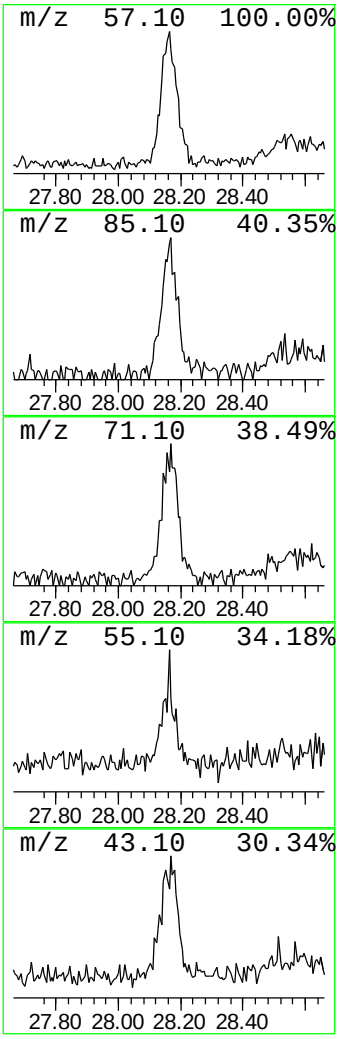
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	2.21 ng/ul	111570	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Behenyl chloride	344	C22H45Cl	042217-03-8	74
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028397.D
Acq On : 21 Aug 2017 20:42
Operator : SJ/JU
Sample : I4713-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GC6

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	17.42	9.0	ng/ul	367524	4	17.70	819993	20.0
Bis(1-chloro-2-pr...	17.53	3.1	ng/ul	129256	4	17.70	819993	20.0
n-Hexadecanoic acid	18.54	2.3	ng/ul	94729	4	17.70	819993	20.0
Phenol, 2-[(4-hyd...	19.06	2.1	ng/ul	85681	4	17.70	819993	20.0
(DEL) Alkane: Str...	26.69	2.1	ng/ul	104600	6	25.53	1008290	20.0
(DEL) Alkane: Str...	28.16	2.2	ng/ul	111570	6	25.53	1008290	20.0