LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043126.D
Acq On : 10 Oct 2019 6:31
Operator : JU
Sample : K5175-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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	3.162	6	12	20	rBV	213079	416310	23.19%	2.206%
2	3.238	20	25	39	rVB	406406	645904	35.97%	3.423%
3	3.502	66	70	75	rBV4	7911	12044	0.67%	0.064%
4	4.143	176	179	183	rBV4	3899	6354	0.35%	0.034%
5	4.243	194	196	203	rVB5	3578	5428	0.30%	0.029%
6	4.519	240	243	245	rBV4	1910	2333	0.13%	0.012%
7	5.159	347	352	357	rBV2	12478	20876	1.16%	0.111%
8	5.289	372	374	379	rBV3	1651	2934	0.16%	0.016%
9	6.364	552	557	561	rBV4	1418	2751	0.15%	0.015%
10	6.434	565	569	570	rBV2	1710	2323	0.13%	0.012%
11	6.710	613	616	619	rVB4	2178	2441	0.14%	0.013%
12	7.222	697	703	718	rBV2	100504	263855	14.69%	1.398%
13	7.380	723	730	744	rVB	91506	176696	9.84%	0.936%
14	7.592	759	766	778	rBV	137847	260651	14.52%	1.381%
15	8.056	838	845	854	rBV	220939	409912	22.83%	2.172%
16	8.491	914	919	921	rBV	1106	2045	0.11%	0.011%
17	8.767	959	966	977	rBV2	97609	232803	12.97%	1.234%
18	9.008	1003	1007	1010	rBV2	1186	2222	0.12%	0.012%
19	9.213	1035	1042	1053	rBV	131334	268391	14.95%	1.422%
20	9.636	1111	1114	1119	rVB2	6128	8126	0.45%	0.043%
21	9.942	1157	1166	1178	rBV	112588	241251	13.44%	1.279%
22	10.482	1250	1258	1270	rBV	147698	332137	18.50%	1.760%
23	10.858	1315	1322	1331	rBV	312874	592873	33.02%	3.142%
24	11.000	1337	1346	1358	rBV2	95833	248164	13.82%	1.315%
25	12.445	1588	1592	1593	rBV	2425	2390	0.13%	0.013%
26	13.050	1690	1695	1701	rBV4	4082	6623	0.37%	0.035%
27	13.561	1778	1782	1786	rBV4	8015	9703	0.54%	0.051%
28	14.008	1857	1858	1863	rVB3	3216	3904	0.22%	0.021%
29	14.078	1863	1870	1874	rBV	436156	657520	36.62%	3.485%
30	14.125	1874	1878	1885	rVV	167909	270849	15.08%	1.435%
31	14.202	1889	1891	1895	rVB3	2270	2309	0.13%	0.012%
32	14.278	1899	1904	1908	rVB2	7700	10075	0.56%	0.053%
33	14.372	1912	1920	1935	rBV	454362	769605	42.86%	4.079%
34	14.572	1951	1954	1963	rVB4	2349	3564	0.20%	0.019%

LSC Area Percent Report

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Data File : BG043126.D
Acq On : 10 Oct 2019 6:31
Operator : JU
Sample : K5175-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

35	14.678	1963	1972	1988	rBV	583505	962726	53.62%	5.102%
36	14.813	1992	1995	1999	rVB3	2352	3226	0.18%	0.017%
37	14.901	2002	2010	2028	rBV3	48382	197156	10.98%	1.045%
38	15.465	2103	2106	2109	rBV2	2405	3506	0.20%	0.019%
39	15.671	2133	2141	2154	rBV	598570	1016699	56.62%	5.388%
40	15.776	2154	2159	2176	rVV	163246	312197	17.39%	1.655%
41	15.911	2178	2182	2189	rVB5	10163	19789	1.10%	0.105%
42	16.047	2200	2205	2209	rBV5	13016	22904	1.28%	0.121%
43	16.223	2231	2235	2237	rBV3	2065	3006	0.17%	0.016%
44	16.370	2257	2260	2265	rBV3	3265	6031	0.34%	0.032%
45	16.757	2322	2326	2329	rBV2	1728	2047	0.11%	0.011%
46	16.828	2335	2338	2340	rBV2	1701	2147	0.12%	0.011%
47	16.951	2357	2359	2365	rBV4	1440	2565	0.14%	0.014%
48	17.022	2367	2371	2372	rBV2	1655	2444	0.14%	0.013%
49	17.122	2384	2388	2395	rVB5	4158	7581	0.42%	0.040%
50	17.175	2395	2397	2399	rVV3	2577	2499	0.14%	0.013%
51	17.210	2400	2403	2408	rVB5	5023	6358	0.35%	0.034%
52	17.316	2418	2421	2422	rBV	3185	2637	0.15%	0.014%
53	17.339	2422	2425	2428	rVB4	4001	4771	0.27%	0.025%
54	17.421	2432	2439	2449	rBV	784295	1283096	71.46%	6.800%
55	17.521	2449	2456	2468	rVB	701919	1145908	63.82%	6.073%
56	18.044	2544	2545	2548	rBV2	2062	2342	0.13%	0.012%
57	18.203	2564	2572	2574	rBV6	5609	12821	0.71%	0.068%
58	18.250	2577	2580	2586	rBV6	18300	34191	1.90%	0.181%
59	18.309	2586	2590	2603	rVV3	111043	232566	12.95%	1.233%
60	18.596	2637	2639	2641	rBV3	4003	3728	0.21%	0.020%
61	18.644	2645	2647	2648	rBV2	3453	2516	0.14%	0.013%
62	18.796	2671	2673	2674	rBV2	3098	2333	0.13%	0.012%
63	18.978	2700	2704	2707	rBV5	6106	9065	0.50%	0.048%
64	19.231	2743	2747	2749	rBV5	7086	9689	0.54%	0.051%
65	19.302	2757	2759	2761	rBV3	2915	2276	0.13%	0.012%
66	19.448	2779	2784	2785	rBV3	13470	21966	1.22%	0.116%
67	19.578	2803	2806	2819	rVB7	28319	62067	3.46%	0.329%
68	19.672	2819	2822	2824	rBV3	9807	12192	0.68%	0.065%
69	19.801	2838	2844	2857	rBV	1018675	1629587	90.76%	8.636%
70	20.330	2931	2934	2940	rVB4	15561	18354	1.02%	0.097%
71	20.823	3016	3018	3022	rVB5	19949	19905	1.11%	0.105%

LSC Area Percent Report

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Operator : JU
Sample : K5175-22
Misc :
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Instrument : BNA_G
ClientSampleId : BEPG6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

72	21.334	3101	3105	3115	rBV4	72069	160880	8.96%	0.853%
73	21.693	3159	3166	3182	rVB	882068	1592613	88.70%	8.440%
74	21.881	3195	3198	3202	rVB	29319	36200	2.02%	0.192%
75	22.492	3298	3302	3306	rVB2	56691	76321	4.25%	0.404%
76	23.179	3415	3419	3426	rVB4	51917	100108	5.58%	0.531%
77	23.984	3552	3556	3564	rVB3	88503	184973	10.30%	0.980%
78	24.689	3666	3676	3689	rVB	598170	1713811	95.45%	9.083%
79	24.913	3704	3714	3726	rVB2	598448	1795585	100.00%	9.516%
80	27.110	4083	4088	4102	rVB2	68707	228389	12.72%	1.210%

Sum of corrected areas: 18869137

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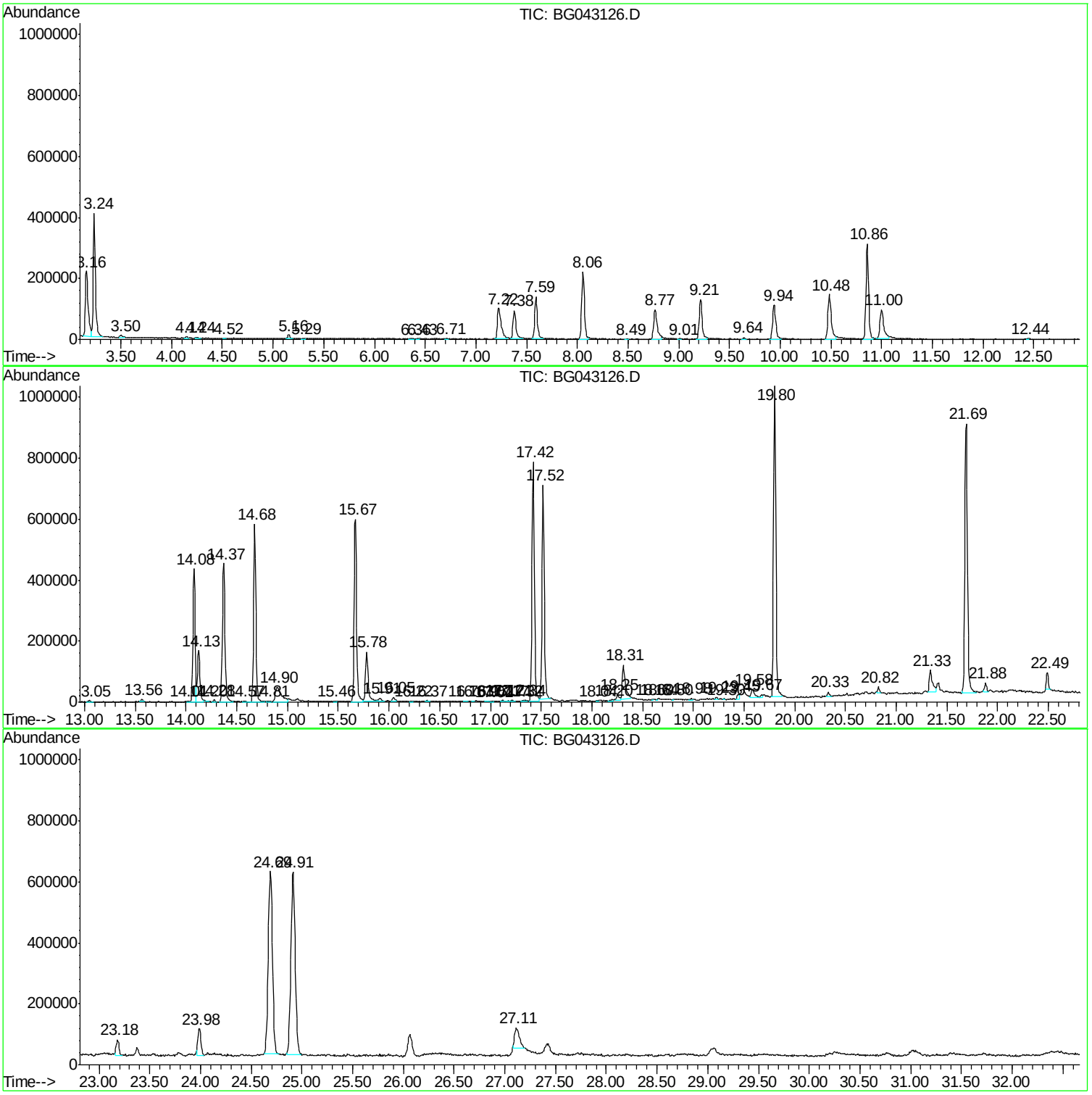
Sample : K5175-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BG043126.D
Acq On : 10 Oct 2019 6:31
Operator : JU
Sample : K5175-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

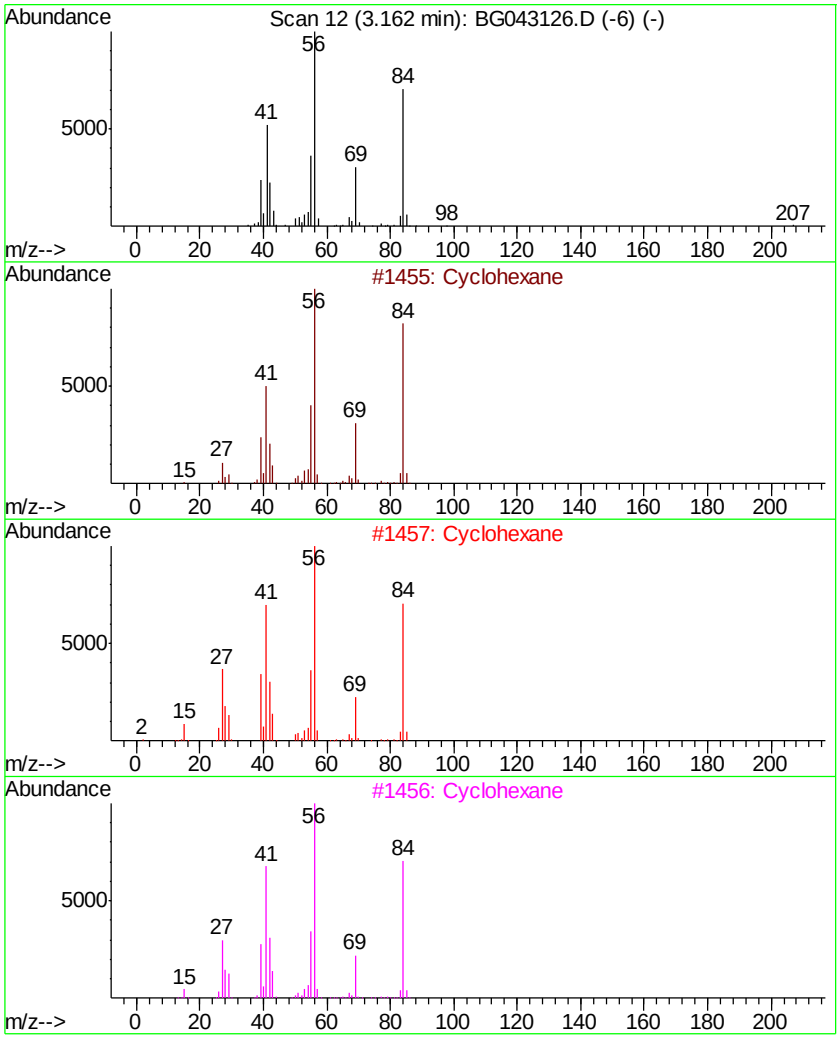
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

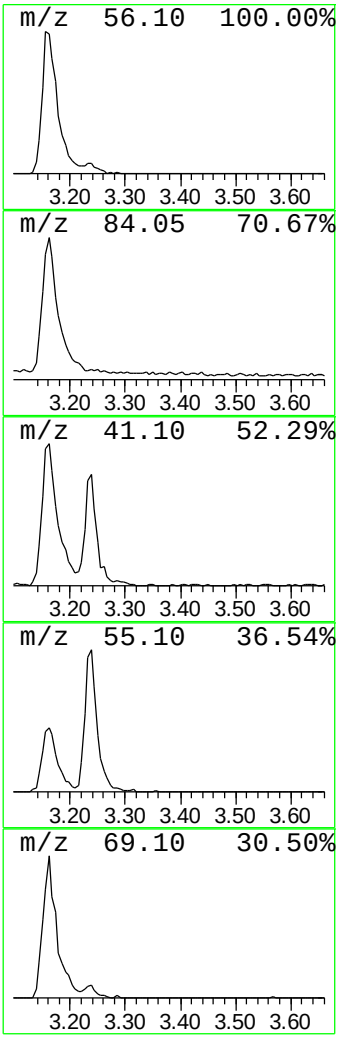
****

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	20.31 ng/ul	416310	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	90
5	Cyclohexane	84	C6H12	000110-82-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043126.D
Acq On : 10 Oct 2019 6:31
Operator : JU
Sample : K5175-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

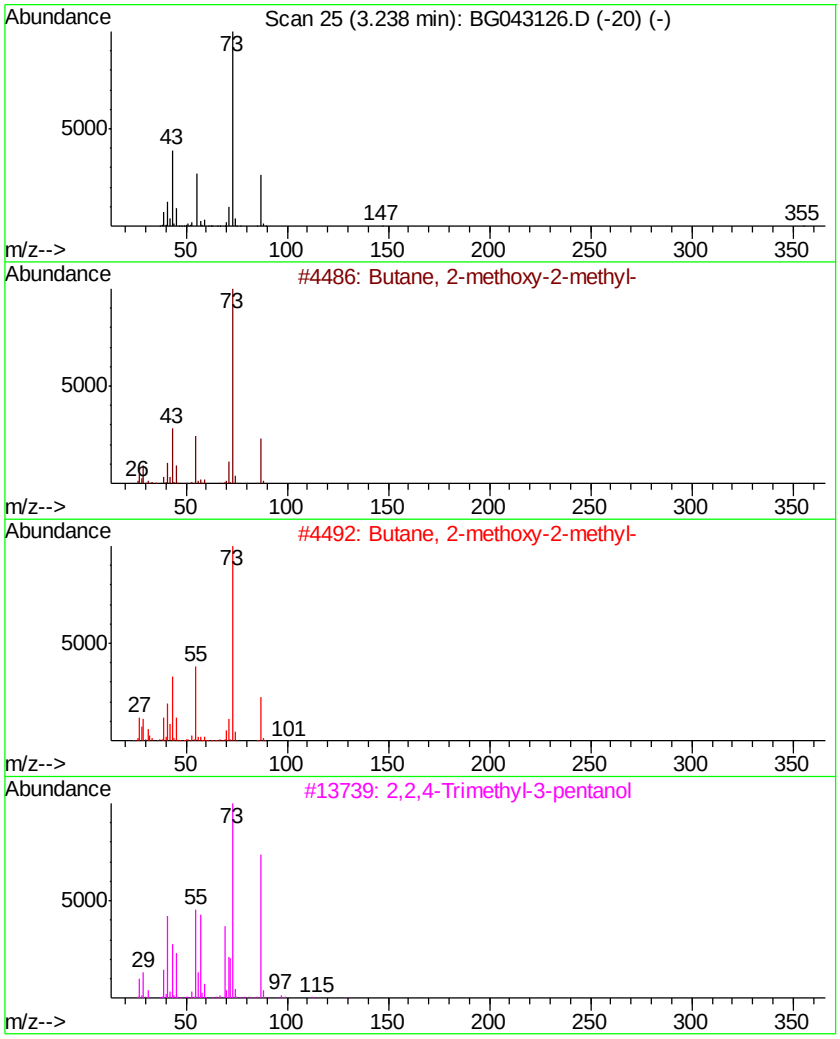
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

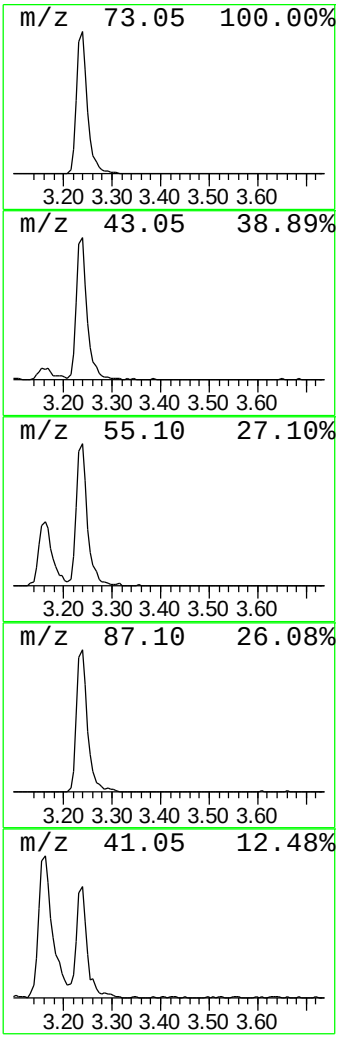
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	31.51 ng/ul	645904	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043126.D
Acq On : 10 Oct 2019 6:31
Operator : JU
Sample : K5175-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

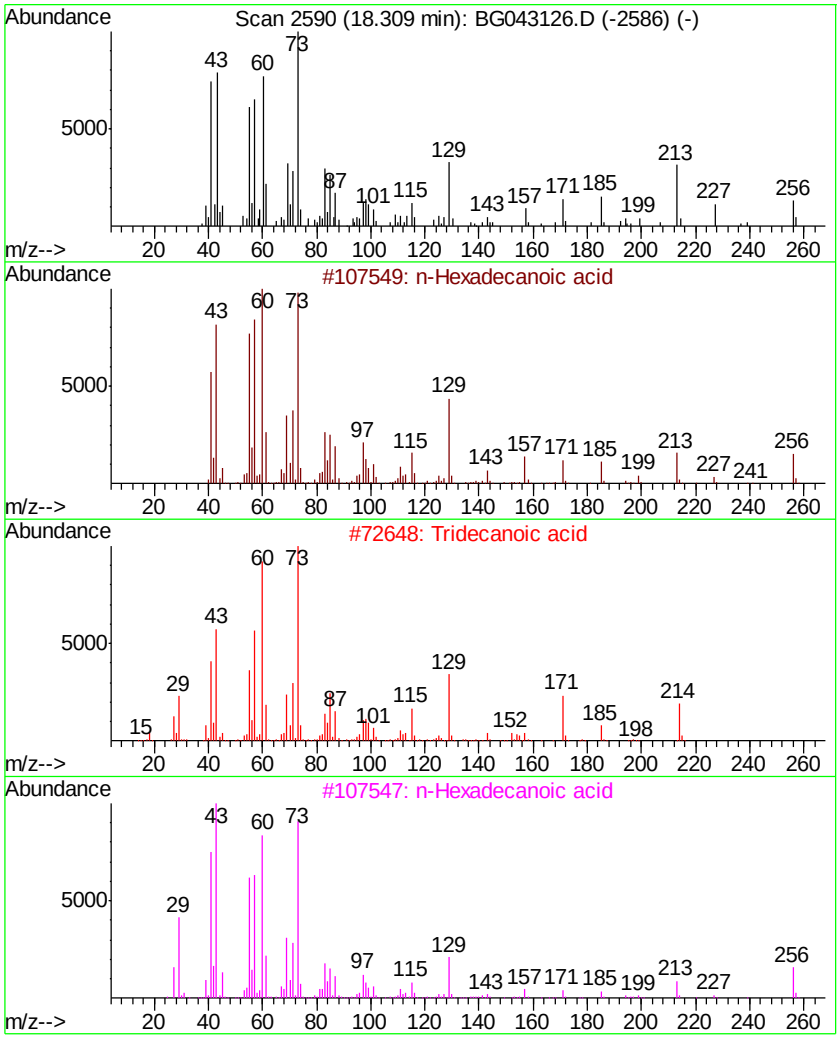
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

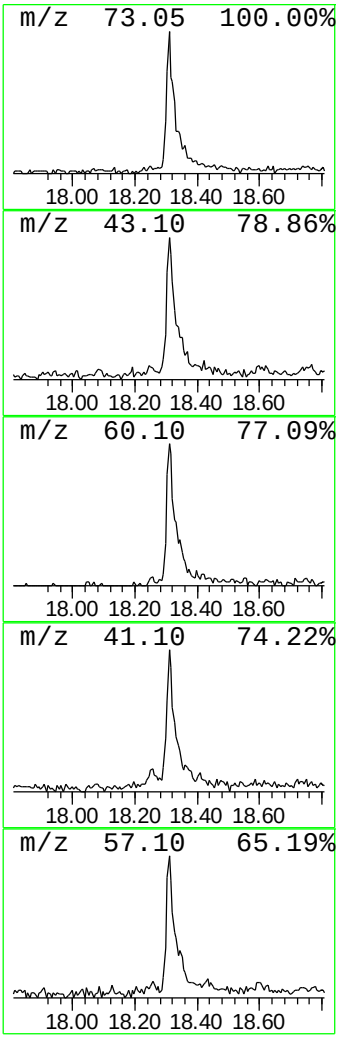
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.63 ng/ul	232566	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





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Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

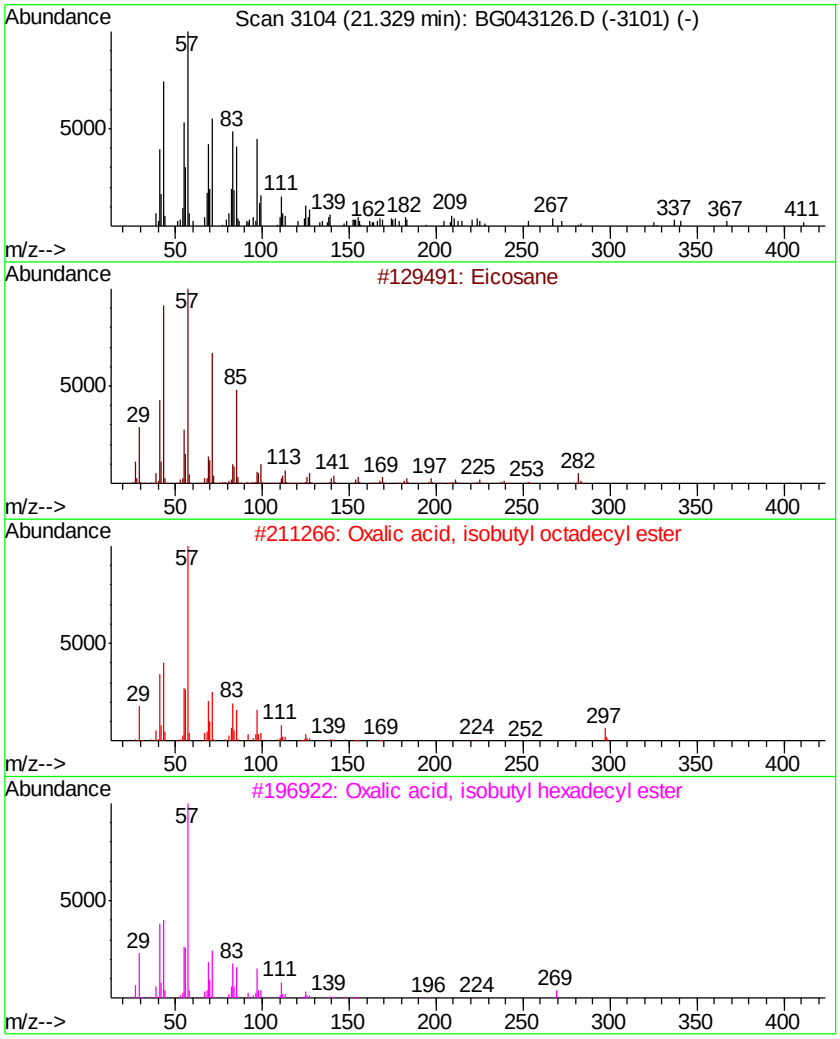
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

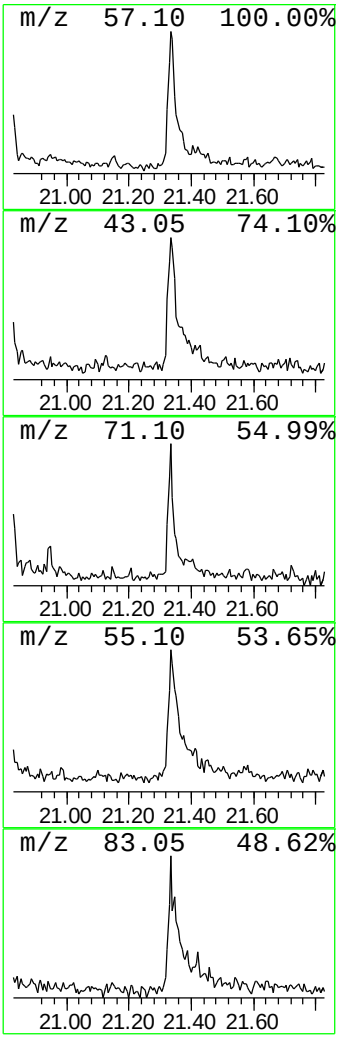
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.02 ng/ul	160880	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	80
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	64
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	64
5	17-Pentatriacontene	491	C35H70	006971-40-0	62





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Misc :
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Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

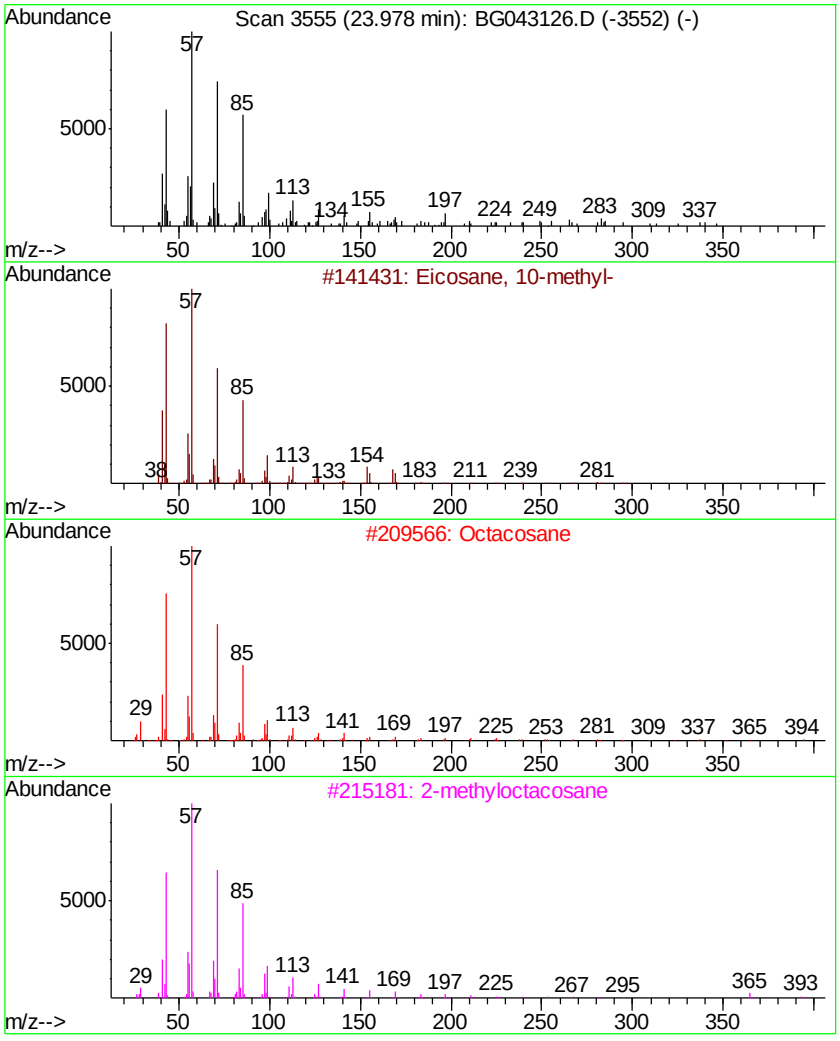
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

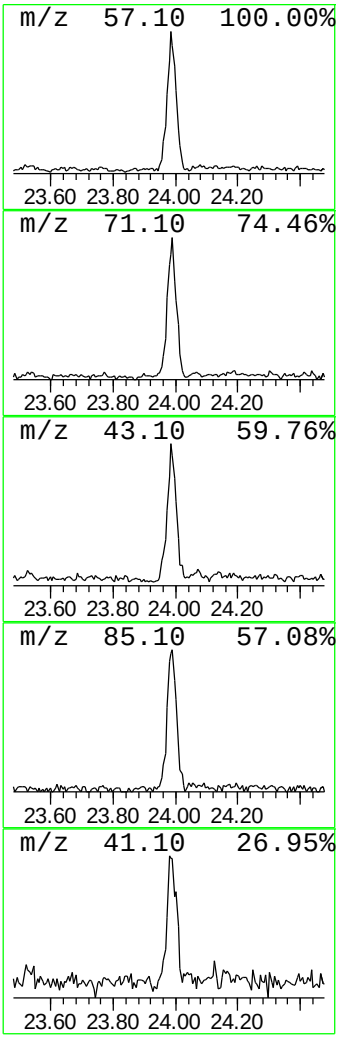
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.06 ng/ul	184973	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Docosane	310	C22H46	000629-97-0	83





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Data File : BG043126.D
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Operator : JU
Sample : K5175-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

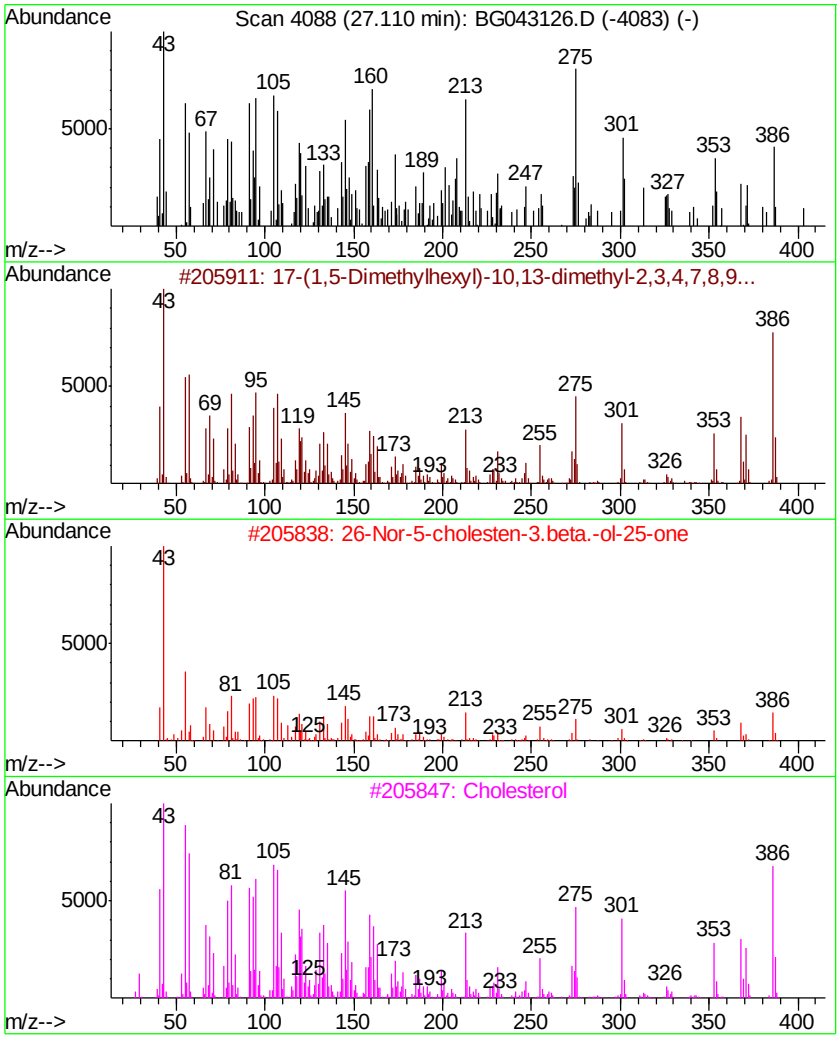
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

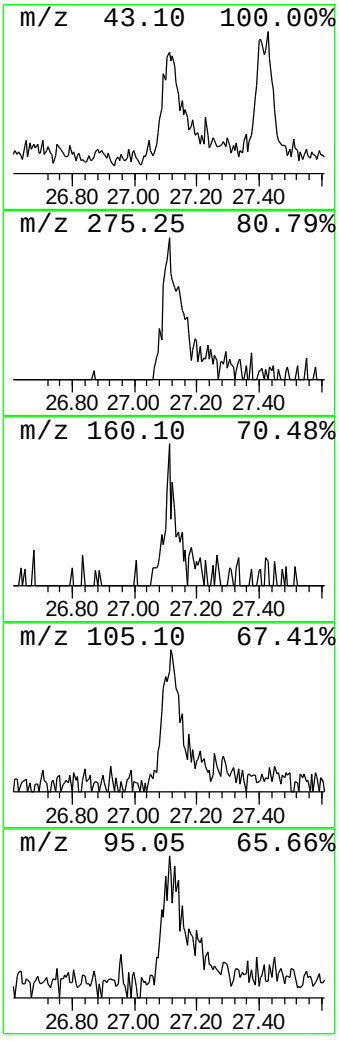
****

Peak Number 6 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.11	2.54 ng/ul	228389	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	78
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	70
3	Cholesterol	386	C27H46O	000057-88-5	60
4	Cholesterol	386	C27H46O	000057-88-5	45
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043126.D
Acq On : 10 Oct 2019 6:31
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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
(DEL) Alkane: Cyc...	3.16	20.3	ng/ul	416310	1	8.06	409912	20.0
Butane, 2-methoxy...	3.24	31.5	ng/ul	645904	1	8.06	409912	20.0
n-Hexadecanoic acid	18.31	3.6	ng/ul	232566	4	17.42	1283100	20.0
(DEL) Alkane: Str...	21.33	2.0	ng/ul	160880	5	21.69	1592610	20.0
(DEL) Alkane: Str...	23.98	2.1	ng/ul	184973	6	24.91	1795590	20.0
17-(1,5-Dimethylh...	27.11	2.5	ng/ul	228389	6	24.91	1795590	20.0