LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020388.D
Acq On : 18 May 2019 06:22
Operator : JU/SJ
Sample : K2633-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA8

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_M\METHODS\SOM-EPA-BM051619MA.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	6.898	659	665	678	rVB	291831	517476	26.44%	2.862%
2	7.069	689	694	714	rVB	226978	398541	20.37%	2.204%
3	7.257	721	726	736	rVB	328170	523095	26.73%	2.893%
4	7.728	800	806	816	rBV	227741	373517	19.09%	2.066%
5	8.433	920	926	948	rVB	332747	575079	29.39%	3.181%
6	8.898	998	1005	1018	rBV	275251	477320	24.39%	2.640%
7	9.239	1061	1063	1066	rVB2	2926	2916	0.15%	0.016%
8	9.616	1120	1127	1139	rBV	211716	374818	19.15%	2.073%
9	10.145	1210	1217	1229	rBV	332373	604951	30.91%	3.346%
10	10.522	1274	1281	1294	rBV	284704	471591	24.10%	2.608%
11	10.669	1299	1306	1326	rBV	249310	503672	25.74%	2.786%
12	12.121	1550	1553	1557	rBV2	2226	3374	0.17%	0.019%
13	13.257	1741	1746	1754	rVB2	16677	24263	1.24%	0.134%
14	13.792	1831	1837	1841	rBV	631492	857379	43.81%	4.742%
15	13.839	1841	1845	1854	rVB	166366	236338	12.08%	1.307%
16	14.074	1878	1885	1896	rBV	741150	1047200	53.51%	5.792%
17	14.380	1930	1937	1954	rVB2	425307	622225	31.80%	3.442%
18	14.598	1968	1974	1996	rBV	103864	236868	12.10%	1.310%
19	15.374	2100	2106	2122	rBV	908537	1287941	65.81%	7.124%
20	15.504	2122	2128	2139	rVV	206326	286739	14.65%	1.586%
21	15.615	2142	2147	2152	rVB2	5879	8063	0.41%	0.045%
22	17.133	2399	2405	2416	rBV	512302	748214	38.23%	4.138%
23	17.227	2416	2421	2435	rVV	911180	1357188	69.35%	7.507%
24	17.509	2466	2469	2472	rVV	2746	3271	0.17%	0.018%
25	18.015	2550	2555	2563	rBV	73297	111220	5.68%	0.615%
26	18.068	2563	2564	2571	rVB5	3514	4457	0.23%	0.025%
27	18.303	2601	2604	2612	rBV5	3625	5696	0.29%	0.032%
28	18.815	2689	2691	2694	rVB2	1596	2071	0.11%	0.011%
29	18.880	2697	2702	2709	rBV	137007	226327	11.57%	1.252%
30	19.068	2732	2734	2738	rVB2	2634	2803	0.14%	0.016%
31	19.115	2738	2742	2745	rBV4	3116	4978	0.25%	0.028%
32	19.162	2746	2750	2753	rBV4	12293	20547	1.05%	0.114%
33	19.197	2753	2756	2760	rVB5	28597	34390	1.76%	0.190%
34	19.297	2768	2773	2777	rBV5	25018	34920	1.78%	0.193%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020388.D
Acq On : 18 May 2019 06:22
Operator : JU/SJ
Sample : K2633-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA8

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_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

35	19.415	2790	2793	2798	rVB	7334	11820	0.60%	0.065%
36	19.456	2798	2800	2801	rBV2	3537	2333	0.12%	0.013%
37	19.527	2806	2812	2821	rBV	1242715	1748902	89.37%	9.673%
38	19.650	2831	2833	2838	rVB6	4017	4752	0.24%	0.026%
39	19.721	2843	2845	2850	rVV4	3218	4817	0.25%	0.027%
40	20.033	2894	2898	2900	rBV5	29062	38959	1.99%	0.215%
41	20.550	2984	2986	2989	rBV4	14946	13479	0.69%	0.075%
42	21.021	3062	3066	3077	rBV3	159937	251488	12.85%	1.391%
43	21.321	3112	3117	3130	rBV	723977	964852	49.30%	5.337%
44	21.450	3137	3139	3143	rBV4	22873	24396	1.25%	0.135%
45	22.862	3377	3379	3384	rVB2	61943	76911	3.93%	0.425%
46	23.444	3471	3478	3488	rBV2	1052965	1956936	100.00%	10.824%
47	23.585	3496	3502	3513	rVB	505466	990352	50.61%	5.478%

Sum of corrected areas: 18079445

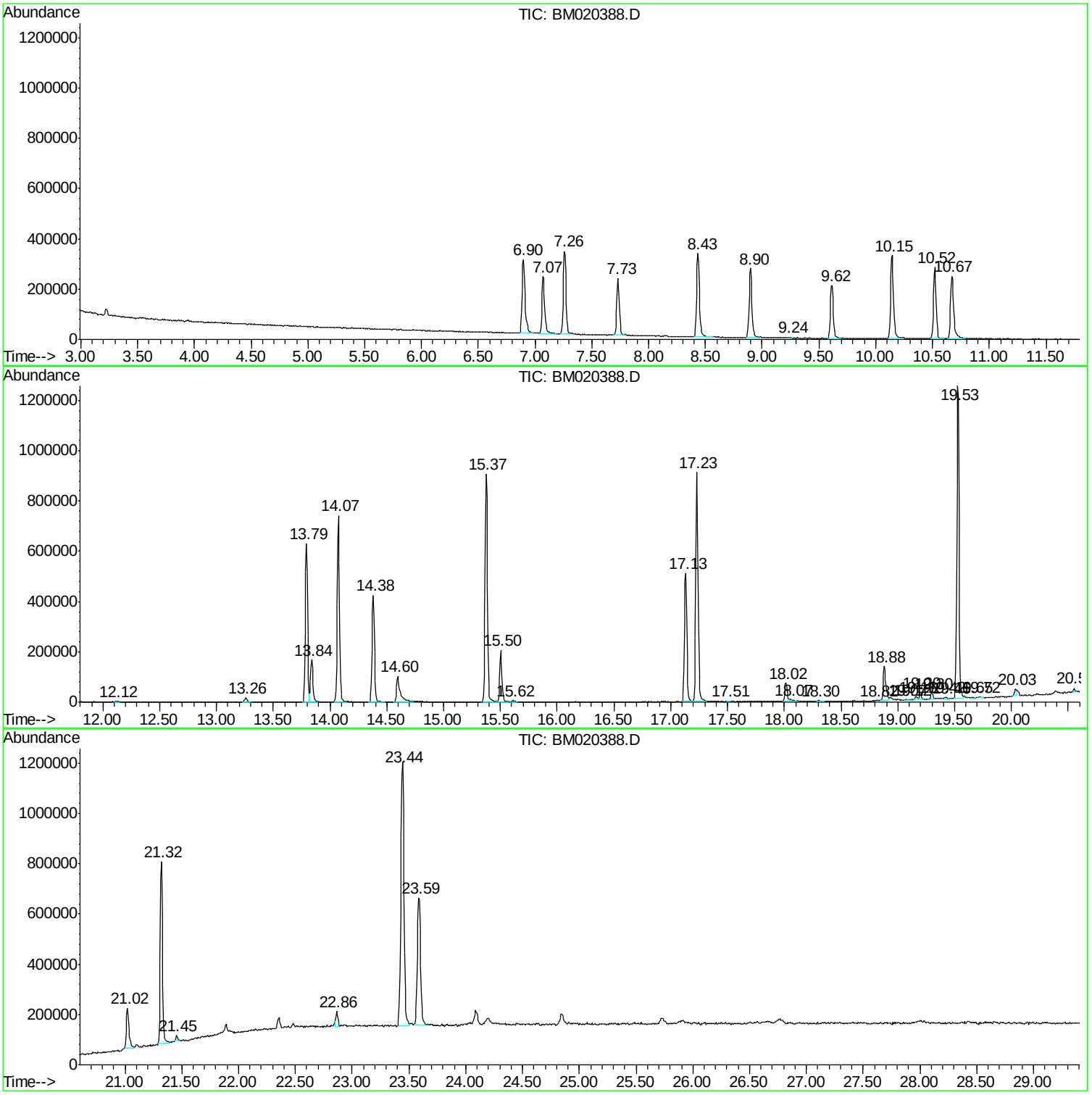
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020388.D
Acq On : 18 May 2019 06:22
Operator : JU/SJ
Sample : K2633-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020388.D
Acq On : 18 May 2019 06:22
Operator : JU/SJ
Sample : K2633-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

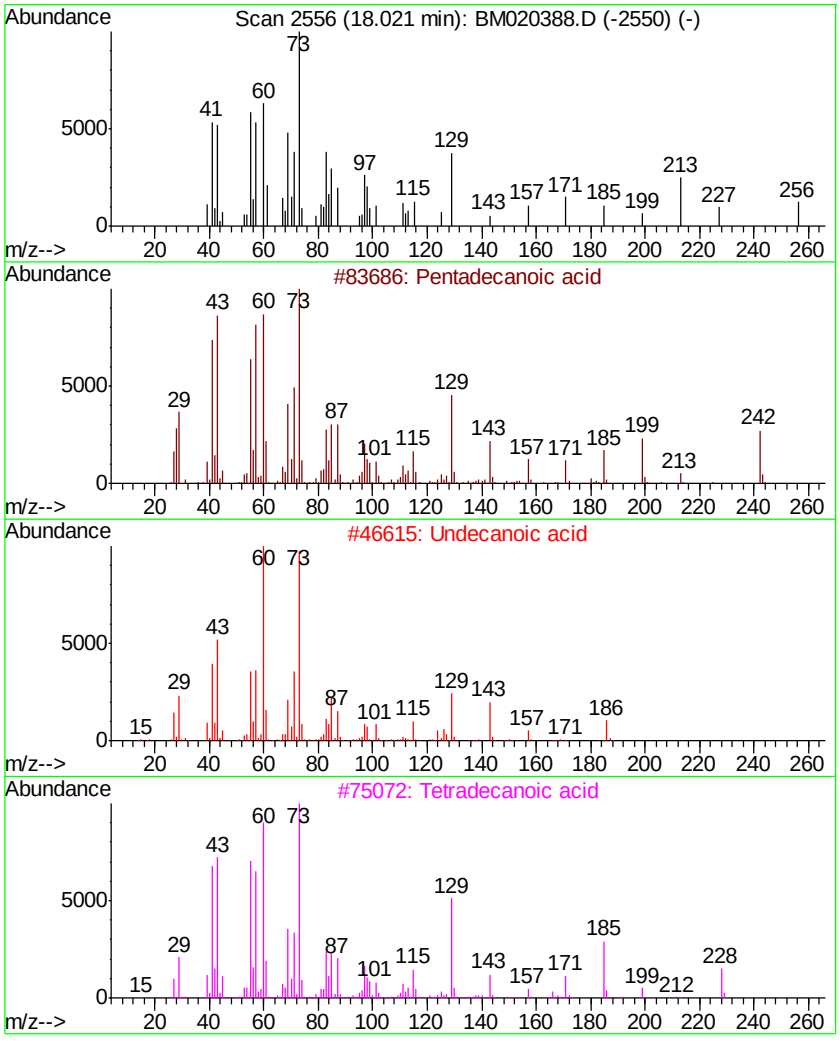
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

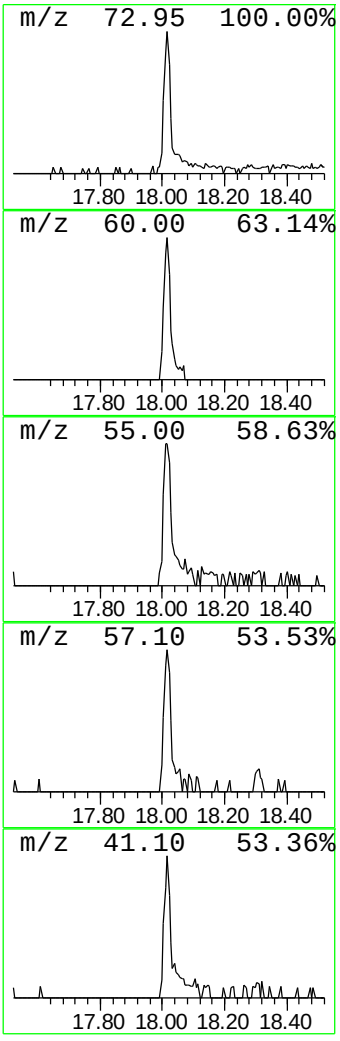
****

Peak Number 1 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.97 ng/ul	111220	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
2	Undecanoic acid	186	C11H22O2	000112-37-8	42
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	42
4	Tridecanoic acid	214	C13H26O2	000638-53-9	42
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020388.D
Acq On : 18 May 2019 06:22
Operator : JU/SJ
Sample : K2633-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

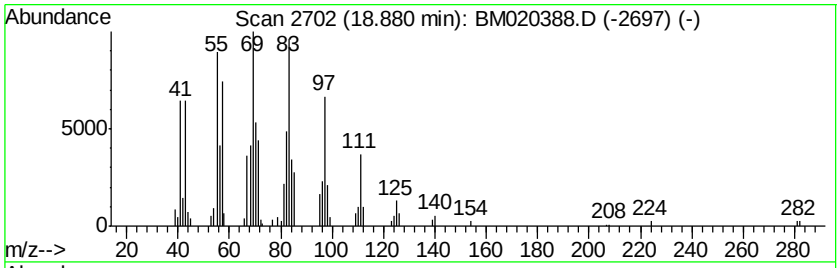
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

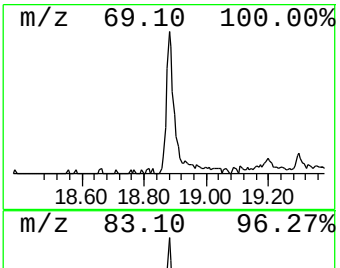
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	6.05 ng/ul	226327	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	93
2	1-Heptadecanol	256	C17H36O	001454-85-9	91
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	91
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020388.D
Acq On : 18 May 2019 06:22
Operator : JU/SJ
Sample : K2633-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

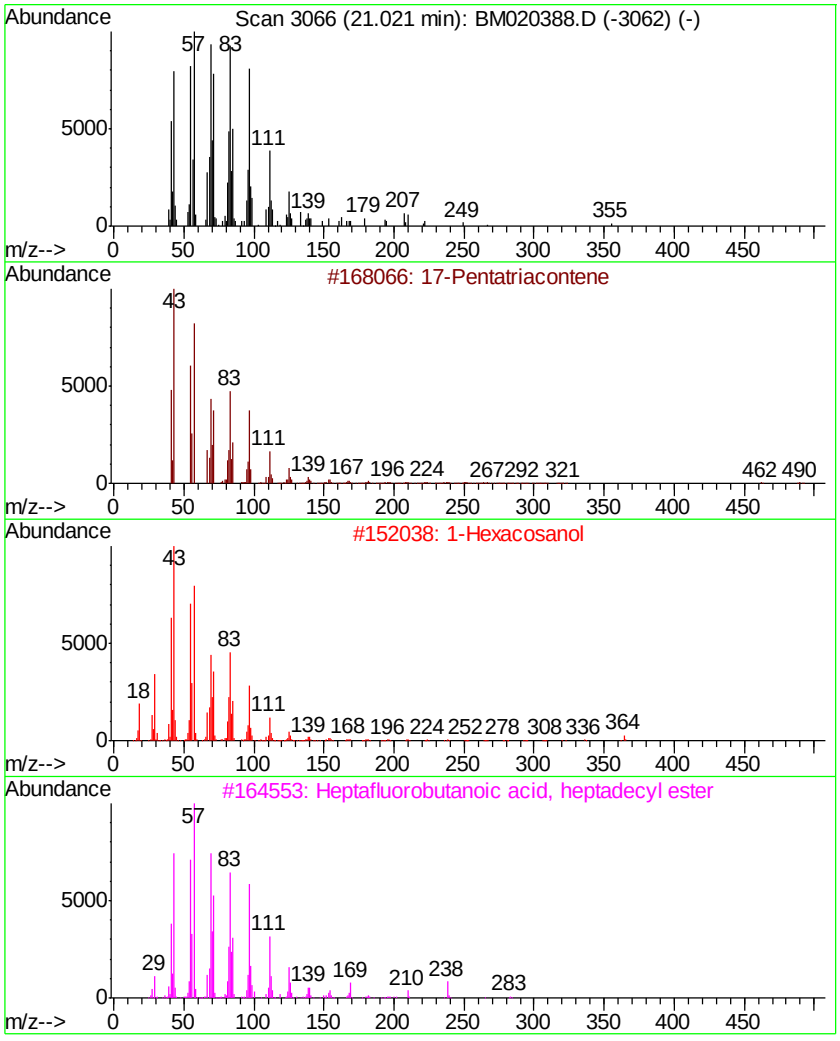
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

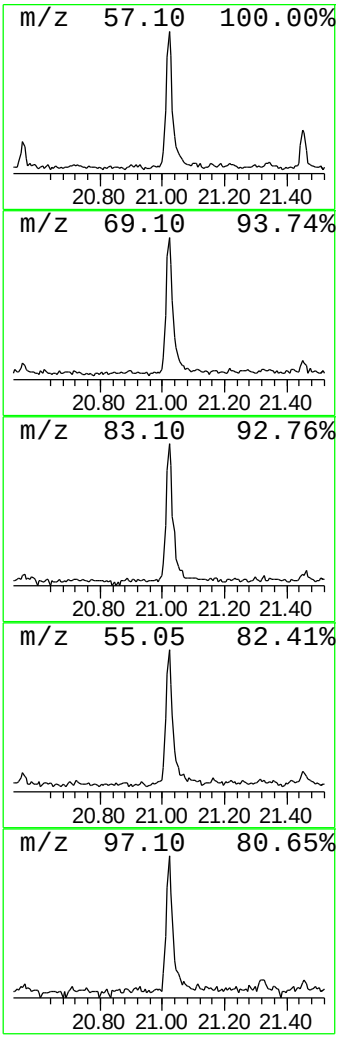
****

Peak Number 3 (DEL) Alkane: Cyclic21.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	5.21 ng/ul	251488	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
4	1-Tetracosanol	354	C24H50O	000506-51-4	90
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020388.D
Acq On : 18 May 2019 06:22
Operator : JU/SJ
Sample : K2633-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentadecanoic acid	18.02	3.0	ng/ul	111220	4	17.13	748214	20.0
(DEL) Alkane: Str...	18.88	6.0	ng/ul	226327	4	17.13	748214	20.0
(DEL) Alkane: Cyc...	21.02	5.2	ng/ul	251488	5	21.32	964852	20.0