LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013227.D
Acq On : 07 Dec 2017 01:42
Operator : SJ/JU
Sample : I6647-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0275

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	6.875	637	644	655	rBV	1271320	2178873	27.67%	2.610%
2	7.040	666	672	679	rVB	986898	1457267	18.51%	1.745%
3	7.234	699	705	713	rBV	1349586	2083914	26.47%	2.496%
4	7.698	776	784	791	rBV	1103458	1714794	21.78%	2.054%
5	8.404	895	904	912	rBV	1660843	2695516	34.23%	3.228%
6	8.851	972	980	987	rBV	1352974	2195304	27.88%	2.629%
7	9.569	1094	1102	1110	rBV2	1143694	1911938	24.28%	2.290%
8	10.104	1186	1193	1204	rBV	1794985	2975066	37.79%	3.563%
9	10.481	1249	1257	1264	rBV	1597941	2580776	32.78%	3.091%
10	10.622	1271	1281	1296	rBV	1469295	2477537	31.47%	2.967%
11	13.169	1709	1714	1722	rBV	83777	111894	1.42%	0.134%
12	13.757	1807	1814	1818	rBV	3066882	4240068	53.85%	5.078%
13	13.798	1818	1821	1830	rVB	720023	1034370	13.14%	1.239%
14	14.033	1851	1861	1871	rBV	3655090	5322687	67.60%	6.375%
15	14.245	1891	1897	1903	rBV	189225	258100	3.28%	0.309%
16	14.339	1906	1913	1920	rBV2	2237517	3507622	44.55%	4.201%
17	14.551	1941	1949	1965	rBV	1272609	2014839	25.59%	2.413%
18	15.204	2056	2060	2065	rVB	214500	265166	3.37%	0.318%
19	15.339	2073	2083	2089	rBV	4336457	6165721	78.31%	7.385%
20	15.457	2097	2103	2110	rBV	1108369	1559558	19.81%	1.868%
21	15.580	2116	2124	2127	rBV3	64513	130906	1.66%	0.157%
22	16.068	2202	2207	2214	rBV	156800	244778	3.11%	0.293%
23	16.857	2336	2341	2347	rBV5	63605	97752	1.24%	0.117%
24	17.086	2373	2380	2385	rBV2	2897197	4212542	53.50%	5.045%
25	17.127	2385	2387	2391	rVV	293815	338262	4.30%	0.405%
26	17.186	2391	2397	2406	rVB	4758006	6565733	83.39%	7.864%
27	17.992	2530	2534	2544	rVB2	665153	857698	10.89%	1.027%
28	18.145	2556	2560	2566	rBV3	63783	115897	1.47%	0.139%
29	18.315	2580	2589	2595	rBV8	46006	136224	1.73%	0.163%
30	19.145	2721	2730	2738	rBV2	437371	850994	10.81%	1.019%
31	19.274	2748	2752	2762	rBV	713546	982923	12.48%	1.177%
32	19.486	2781	2788	2796	rBV	5689852	7873571	100.00%	9.430%
33	20.398	2940	2943	2949	rBV8	43590	83676	1.06%	0.100%
34	20.998	3041	3045	3053	rBV	743134	1045798	13.28%	1.253%

LSC Area Percent Report

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Title : SVOA CALIBRATION

35	21.274	3086	3092	3096	rBV	3468587	4383038	55.67%	5.249%
36	22.839	3354	3358	3362	rBV3	145028	233606	2.97%	0.280%
37	23.368	3441	3448	3462	rVB2	2725074	5503432	69.90%	6.591%
38	23.503	3464	3471	3479	rBV	1652824	3086712	39.20%	3.697%

Sum of corrected areas: 83494552

LSC Report - Integrated Chromatogram

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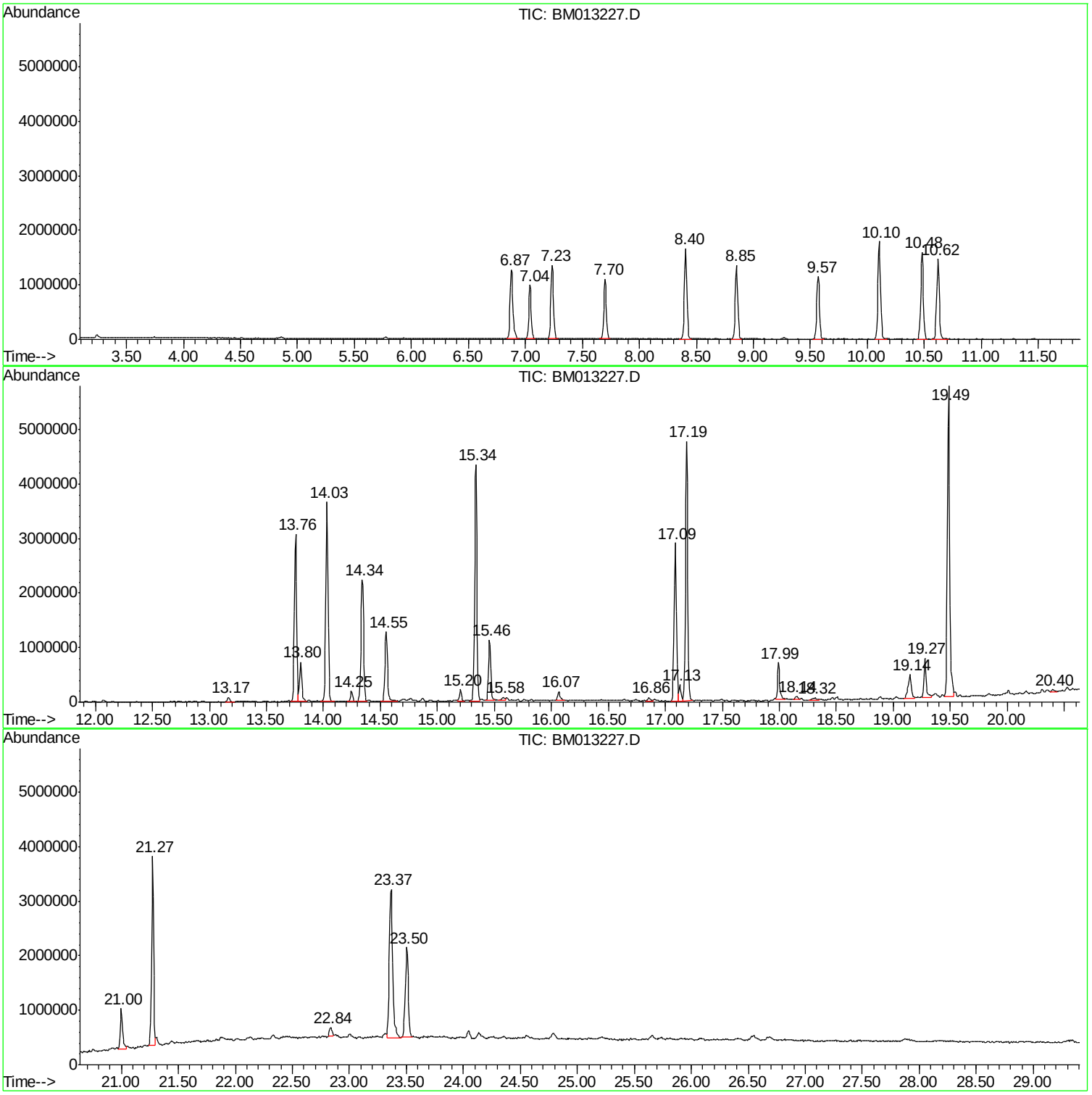
Acq On : 07 Dec 2017 01:42
Operator : SJ/JU
Sample : I6647-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0275

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0275

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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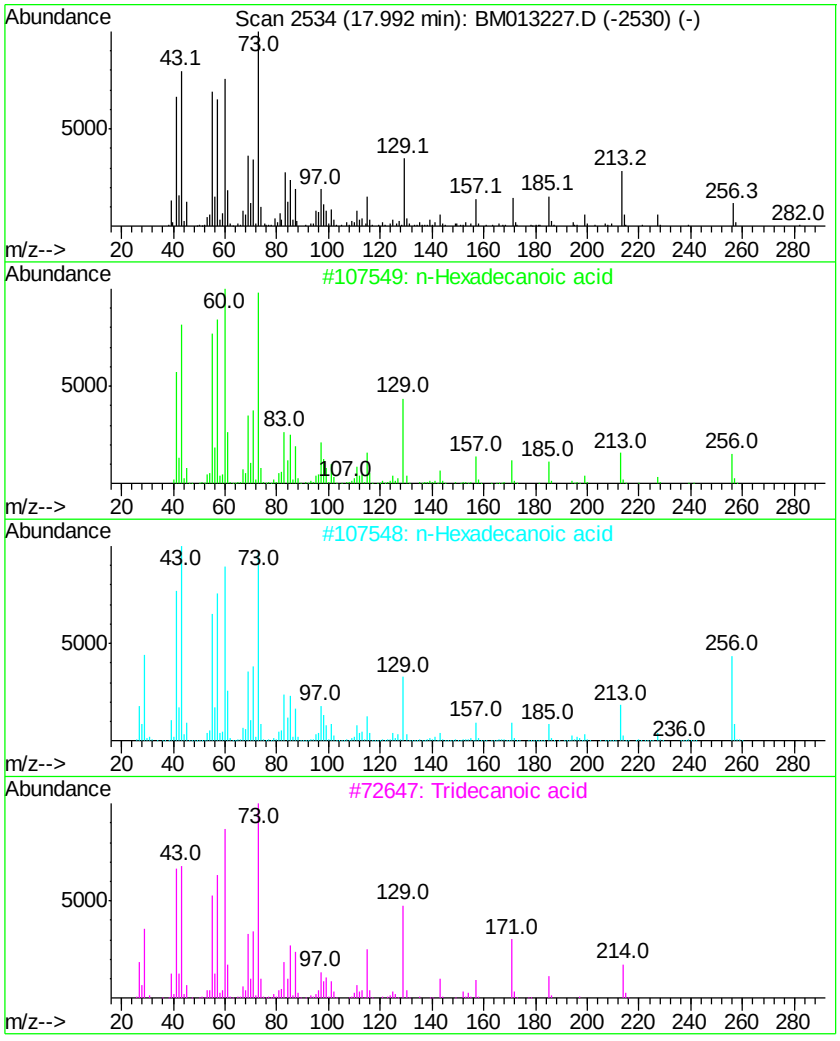
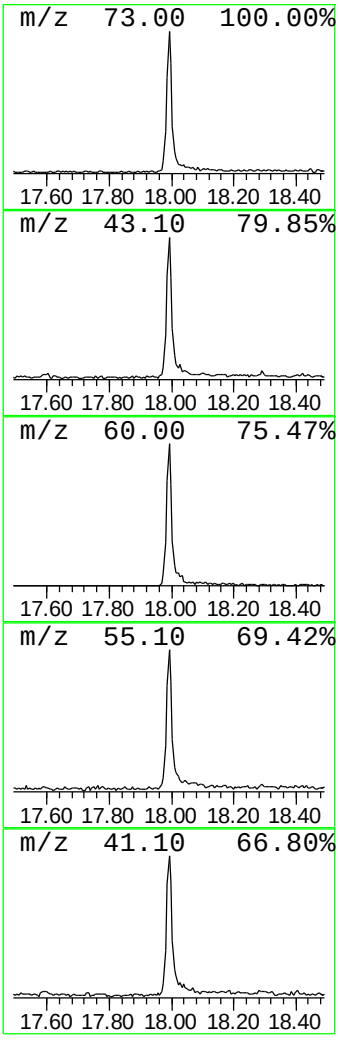
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.07 ng/ul	857698	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0275

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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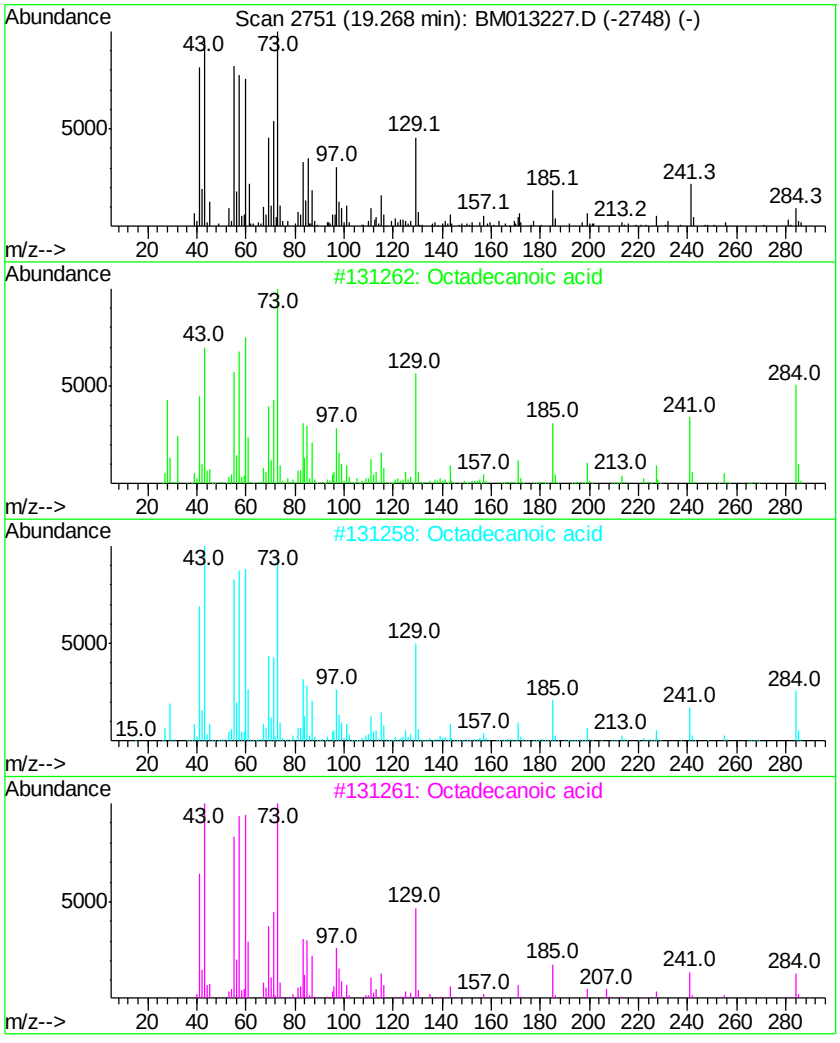
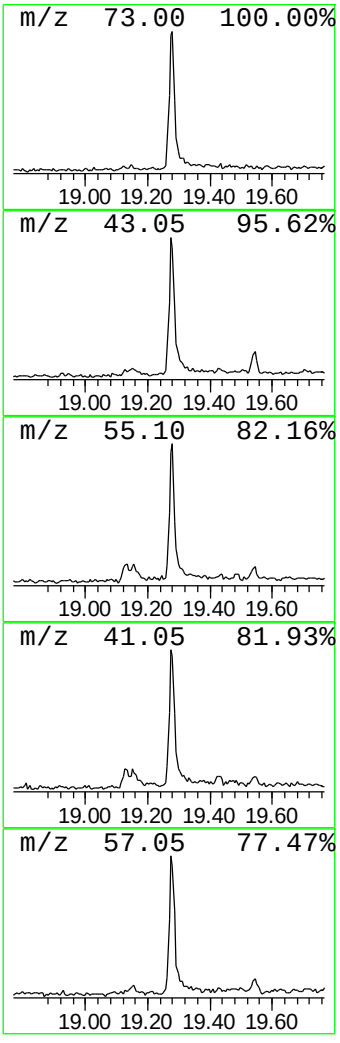
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	4.49 ng/ul	982923	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Instrument : BNA_M
ClientSampleId : C0275

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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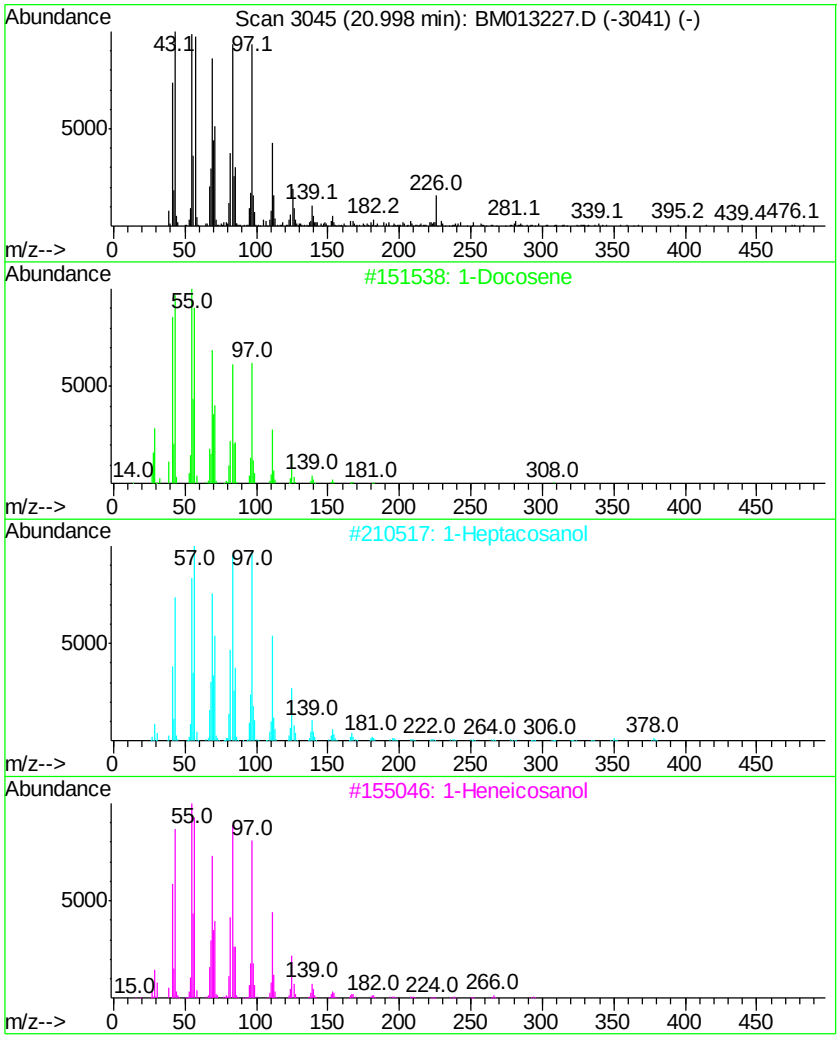
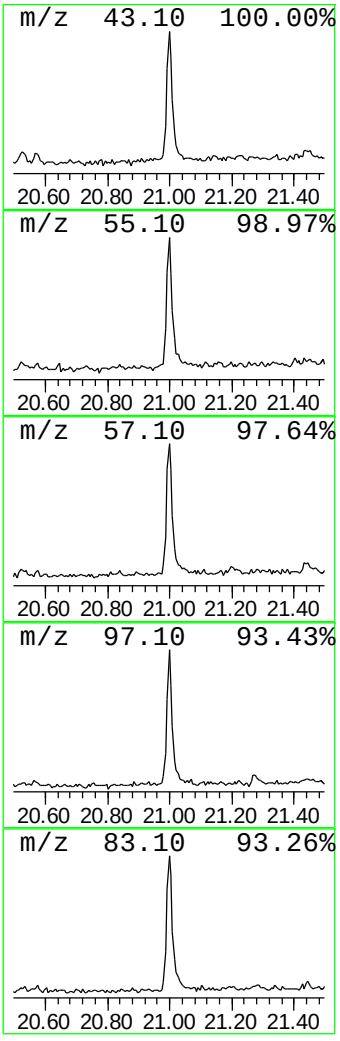
Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.77 ng/ul	1045800	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	4.1	ng/ul	857698	4	17.09	4212540	20.0
Octadecanoic acid	19.27	4.5	ng/ul	982923	5	21.27	4383040	20.0
(DEL) Alkane: Cyc...	21.00	4.8	ng/ul	1045800	5	21.27	4383040	20.0