LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013181.D
Acq On : 04 Dec 2017 23:44
Operator : SJ/JU
Sample : I6646-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0267

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	3.251	24	28	34	rVB2	34587	52366	1.16%	0.083%
2	4.863	297	302	306	rBV2	35598	50400	1.11%	0.080%
3	6.886	638	646	658	rVB	1000343	1719927	37.95%	2.729%
4	7.045	667	673	684	rVB	767660	1161957	25.64%	1.843%
5	7.245	700	707	715	rBV	1026346	1636593	36.11%	2.596%
6	7.704	778	785	792	rBV	1468548	2377050	52.45%	3.771%
7	8.416	899	906	916	rBV2	1170106	1870947	41.28%	2.968%
8	8.857	973	981	989	rBV	1013549	1673892	36.93%	2.656%
9	9.575	1096	1103	1116	rVB	859980	1424182	31.42%	2.259%
10	10.110	1188	1194	1205	rBV	1295883	2174068	47.97%	3.449%
11	10.486	1251	1258	1266	rBV	2025304	3357275	74.08%	5.326%
12	10.627	1271	1282	1293	rBV	1023460	1787680	39.44%	2.836%
13	13.174	1709	1715	1723	rBV2	72316	104972	2.32%	0.167%
14	13.762	1809	1815	1819	rBV	2183285	3075072	67.85%	4.878%
15	13.804	1819	1822	1832	rVV	362169	531380	11.72%	0.843%
16	14.039	1852	1862	1872	rBV	2560037	3758110	82.92%	5.962%
17	14.251	1892	1898	1904	rBV	128508	173821	3.84%	0.276%
18	14.351	1907	1915	1921	rVV2	2698207	4335716	95.66%	6.878%
19	14.410	1921	1925	1934	rVB2	47649	82236	1.81%	0.130%
20	14.557	1944	1950	1962	rBV	797702	1330553	29.36%	2.111%
21	15.157	2046	2052	2054	rBV2	29303	49912	1.10%	0.079%
22	15.209	2057	2061	2066	rVB2	127525	155141	3.42%	0.246%
23	15.345	2077	2084	2089	rBV	2946487	4292760	94.72%	6.810%
24	15.398	2089	2093	2098	rVB	75731	96641	2.13%	0.153%
25	15.468	2098	2105	2111	rBV	437546	664048	14.65%	1.053%
26	16.068	2203	2207	2214	rBV2	92441	151628	3.35%	0.241%
27	16.656	2302	2307	2313	rVB10	28103	67054	1.48%	0.106%
28	16.751	2321	2323	2329	rVB4	43302	46440	1.02%	0.074%
29	16.862	2338	2342	2347	rBV7	53847	97415	2.15%	0.155%
30	17.092	2375	2381	2386	rBV2	3106256	4532249	100.00%	7.190%
31	17.133	2386	2388	2393	rVV	483723	619200	13.66%	0.982%
32	17.192	2393	2398	2408	rVB2	2981547	4089607	90.23%	6.488%
33	17.868	2510	2513	2519	rBV7	48815	74305	1.64%	0.118%
34	17.968	2526	2530	2531	rBV2	59528	72653	1.60%	0.115%

LSC Area Percent Report

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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

35	17.997	2531	2535	2542	rVB2	684208	922303	20.35%	1.463%
36	18.156	2559	2562	2567	rVB3	88266	120915	2.67%	0.192%
37	19.150	2727	2731	2736	rVB	529098	729560	16.10%	1.157%
38	19.280	2750	2753	2760	rBV2	308930	385266	8.50%	0.611%
39	19.486	2783	2788	2801	rBV2	2556860	4180473	92.24%	6.632%
40	20.997	3042	3045	3052	rVB3	715674	932904	20.58%	1.480%
41	21.280	3088	3093	3097	rBV	2378689	3194339	70.48%	5.068%
42	23.368	3443	3448	3452	rBV2	1246976	2141112	47.24%	3.397%
43	23.509	3467	3472	3479	rVB	1470463	2739905	60.45%	4.347%

Sum of corrected areas: 63034027

LSC Report - Integrated Chromatogram

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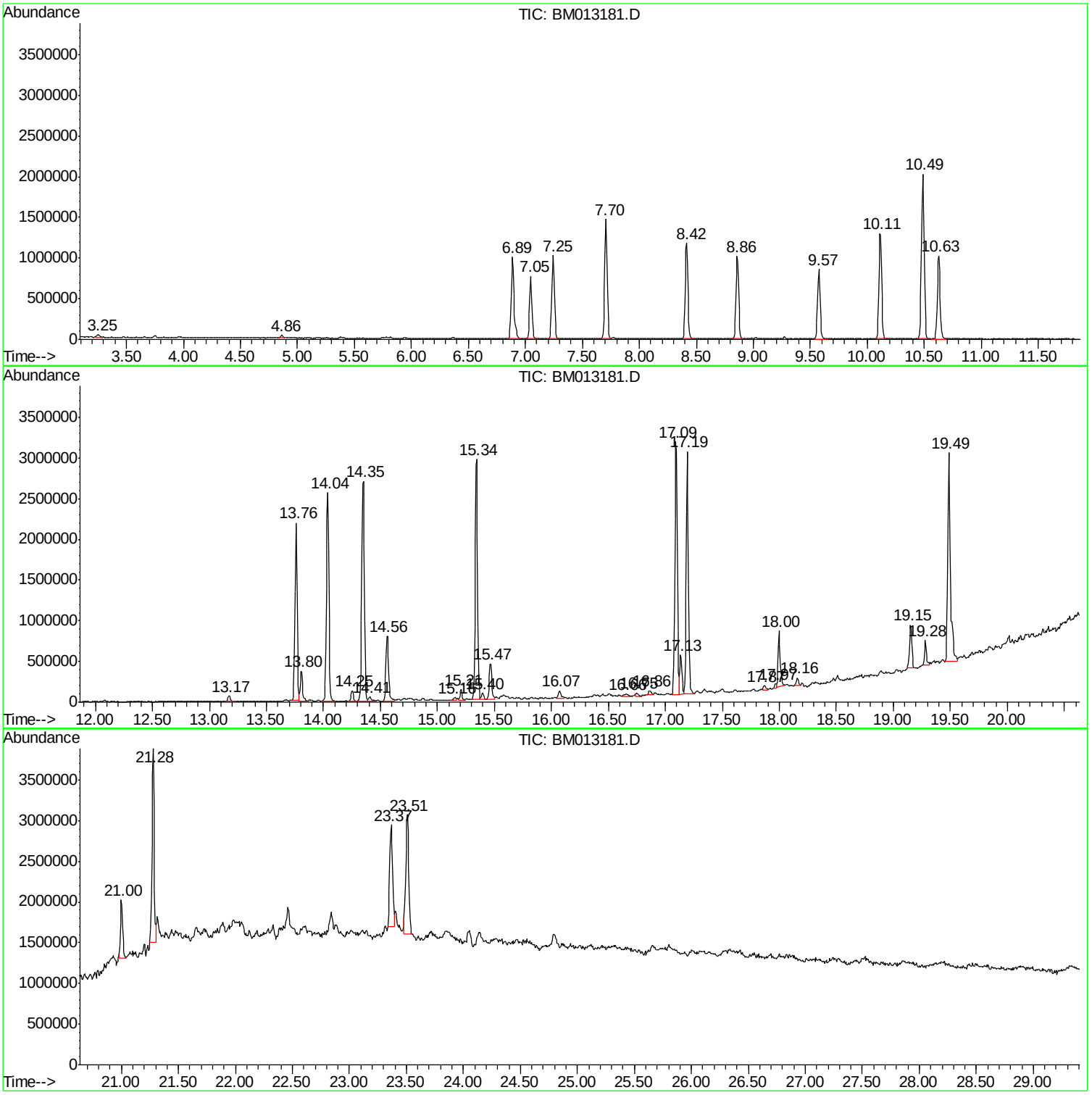
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0267

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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Operator : SJ/JU
Sample : I6646-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0267

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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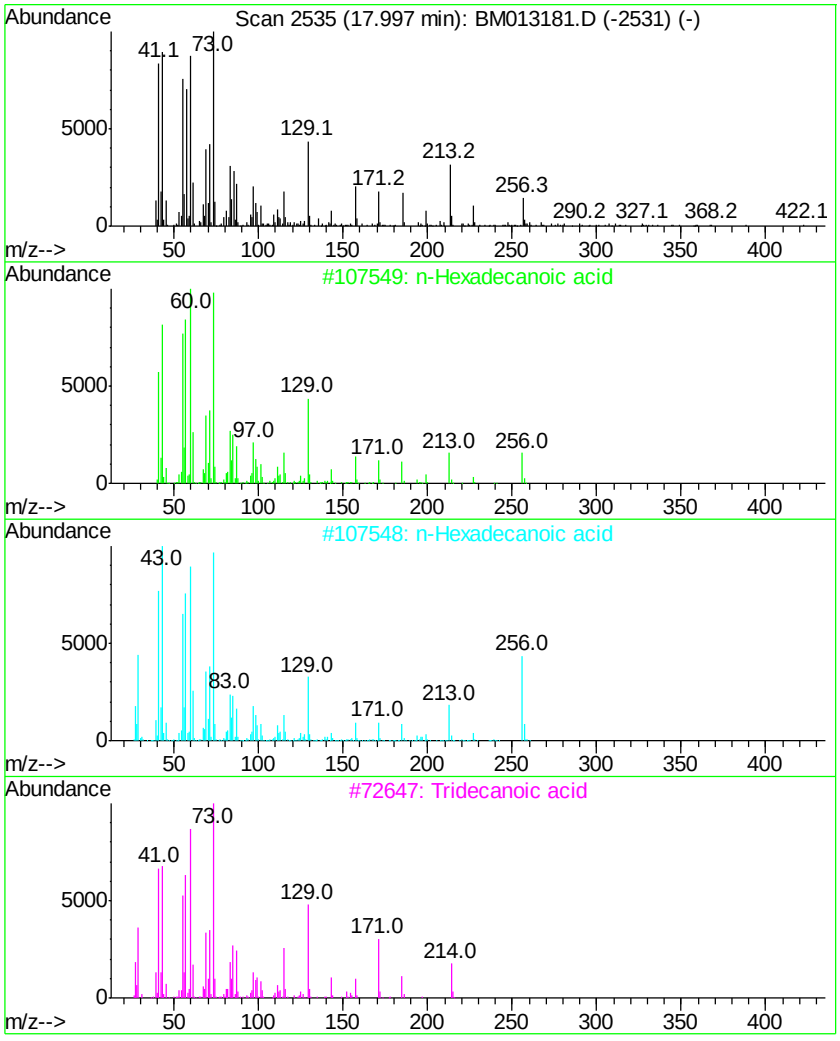
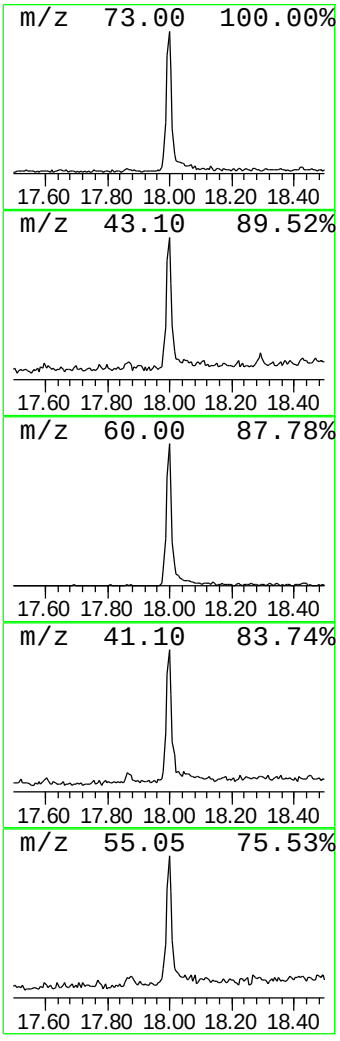
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.07 ng/ul	922303	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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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

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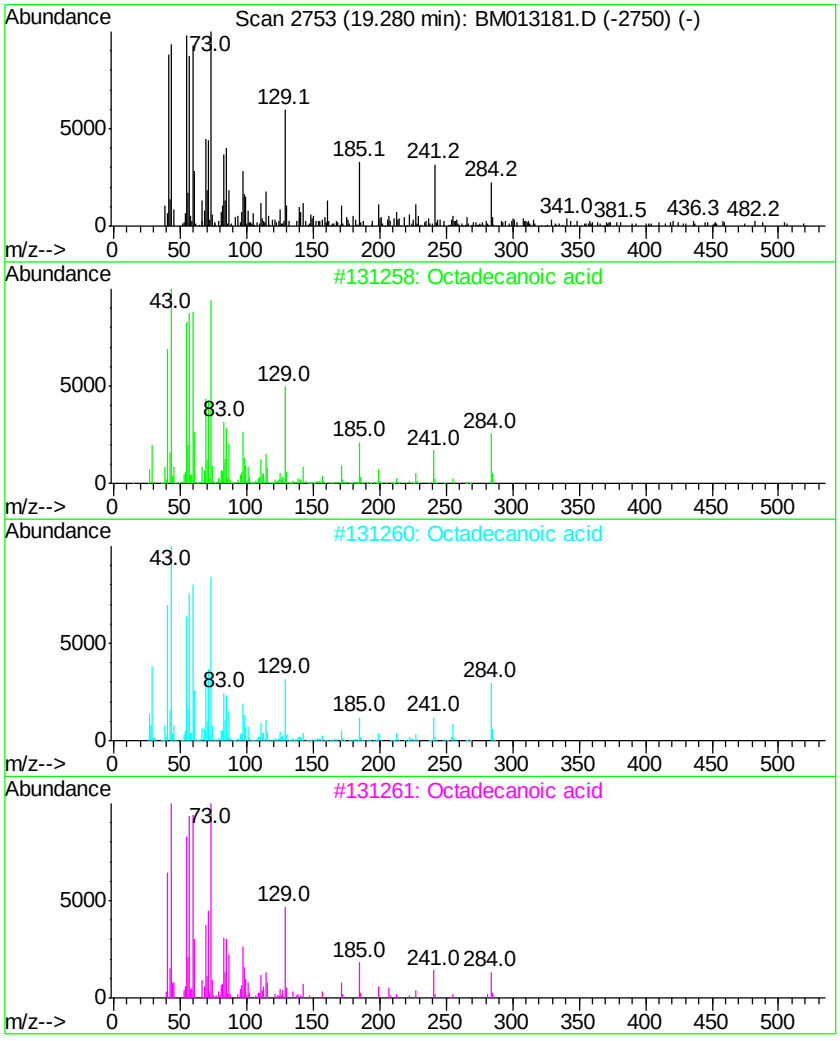
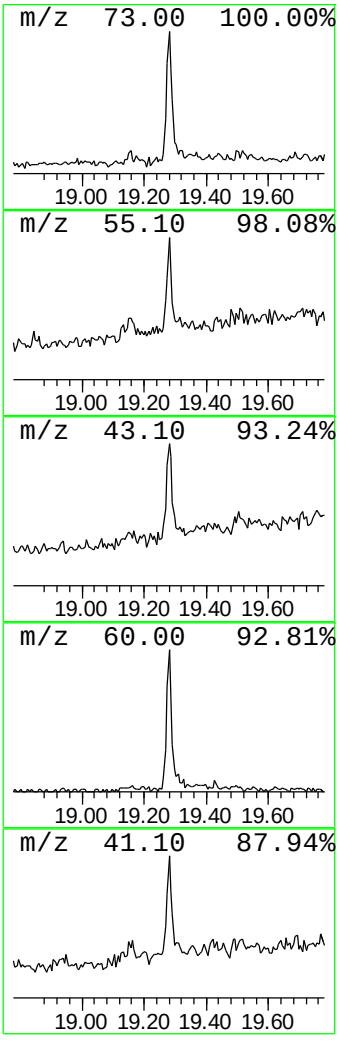
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.41 ng/ul	385266	Chrysene-d12	21.28

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





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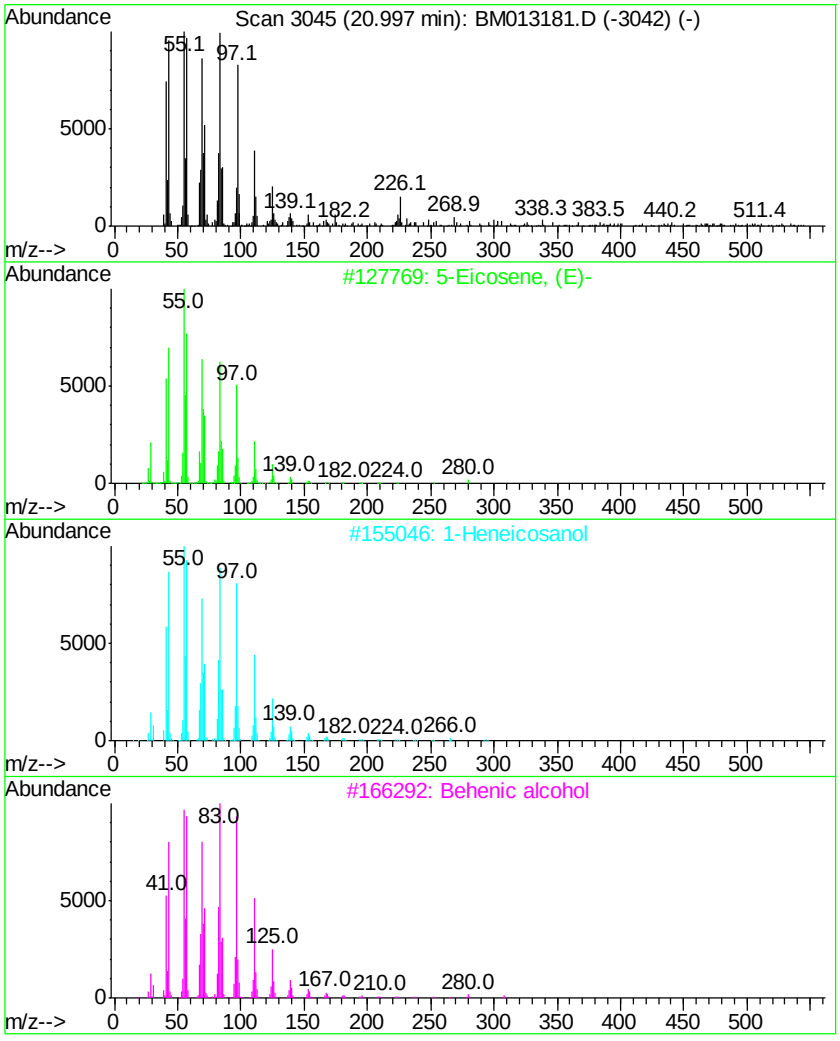
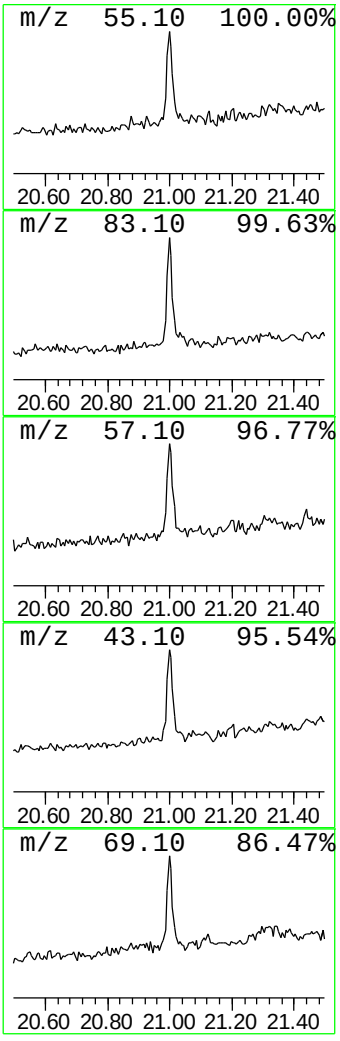
Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.84 ng/ul	932904	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	4.1	ng/ul	922303	4	17.09	4532250	20.0
Octadecanoic acid	19.28	2.4	ng/ul	385266	5	21.28	3194340	20.0
(DEL) Alkane: Cyc...	21.00	5.8	ng/ul	932904	5	21.28	3194340	20.0