LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041223.D
Acq On : 01 Aug 2023 14:03
Operator : MA/JU
Sample : 03797-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HANOVER-ST-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041223.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	286	293	299	rBV	220371	308066	6.97%	1.012%
2	5.369	365	371	389	rBV	1652942	2418327	54.72%	7.942%
3	6.981	638	645	658	rBV	1594211	2470783	55.91%	8.114%
4	7.798	778	784	792	rBV	642079	981683	22.21%	3.224%
5	8.975	977	984	998	rVB	1014434	1632128	36.93%	5.360%
6	10.604	1254	1261	1269	rBV	787316	1272361	28.79%	4.179%
7	13.080	1675	1682	1692	rBV	2275627	3260044	73.77%	10.706%
8	14.186	1866	1870	1876	rVB	35811	52687	1.19%	0.173%
9	14.463	1910	1917	1924	rBV	1101619	1589502	35.97%	5.220%
10	15.963	2166	2172	2180	rBV	1863924	2582738	58.44%	8.482%
11	17.221	2380	2386	2391	rBV	1377538	1885050	42.66%	6.191%
12	17.263	2391	2393	2399	rVB	158692	200175	4.53%	0.657%
13	17.357	2404	2409	2414	rVV	64485	97190	2.20%	0.319%
14	18.121	2533	2539	2549	rBV2	539895	966831	21.88%	3.175%
15	18.298	2565	2569	2573	rBV3	51547	87283	1.98%	0.287%
16	19.292	2733	2738	2745	rBV	408227	532739	12.05%	1.750%
17	19.409	2754	2758	2763	rBV	220143	347102	7.85%	1.140%
18	19.627	2792	2795	2796	rBV3	52527	61974	1.40%	0.204%
19	19.656	2796	2800	2808	rVB	362098	509242	11.52%	1.672%
20	19.862	2830	2835	2840	rBV	3521359	4419260	100.00%	14.513%
21	21.133	3048	3051	3059	rVB3	392429	519346	11.75%	1.706%
22	21.427	3096	3101	3105	rBV	1721798	2249827	50.91%	7.389%
23	23.797	3499	3504	3512	rVB	1096621	2005153	45.37%	6.585%

Sum of corrected areas: 30449491

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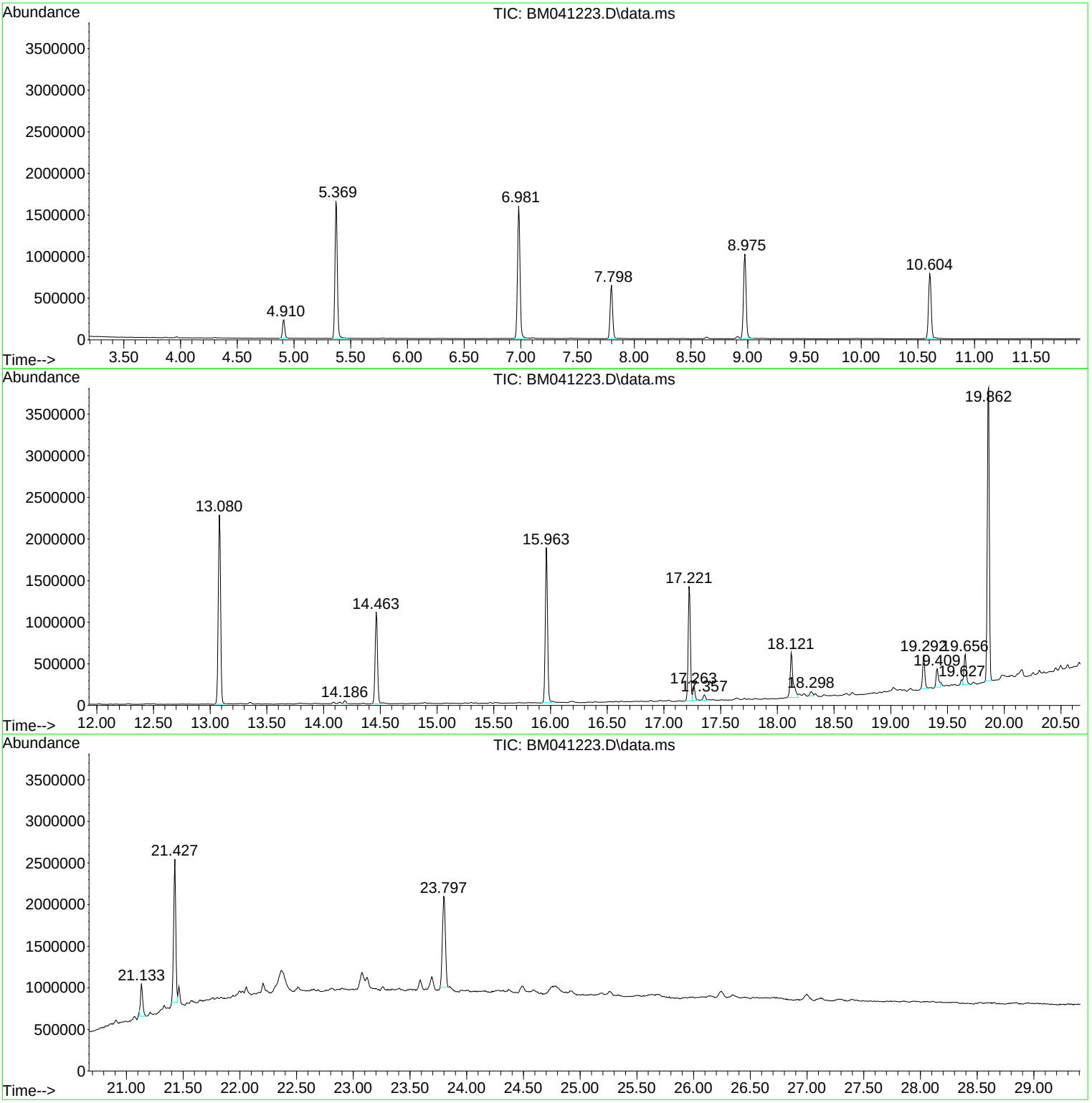
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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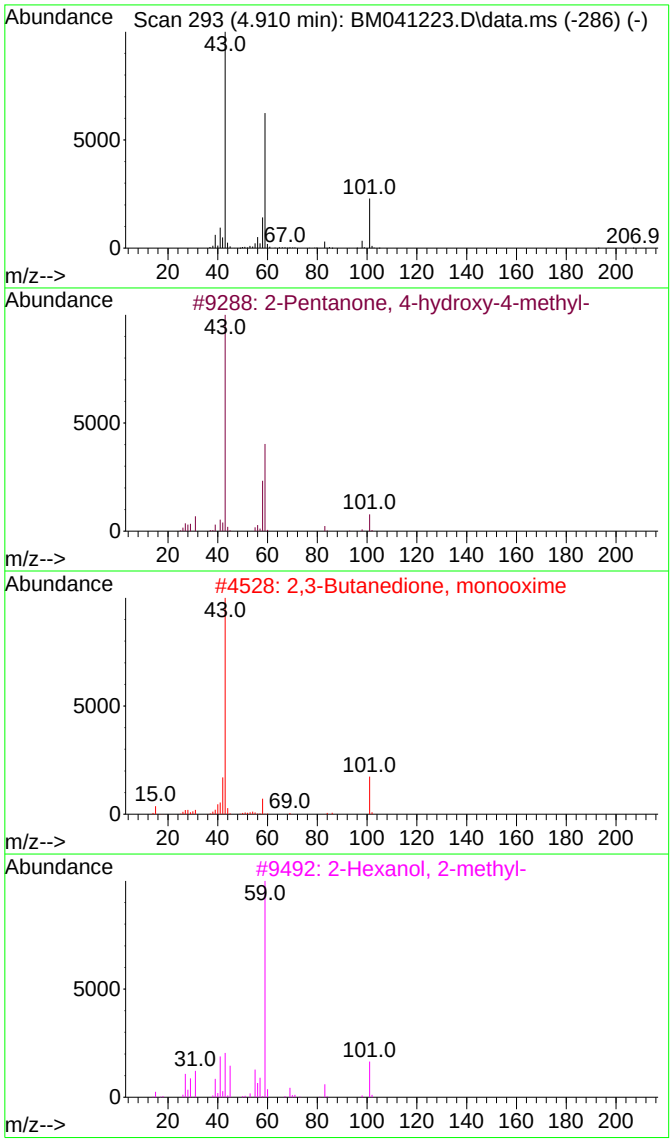
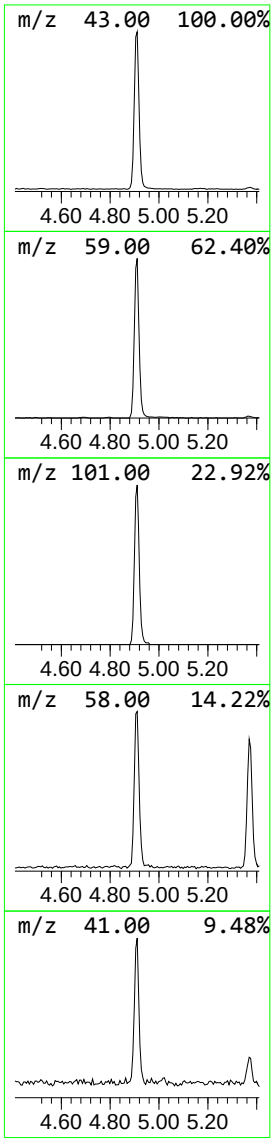
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.910	6.28 ng	308066	1,4-Dichlorobenzene-d4	7.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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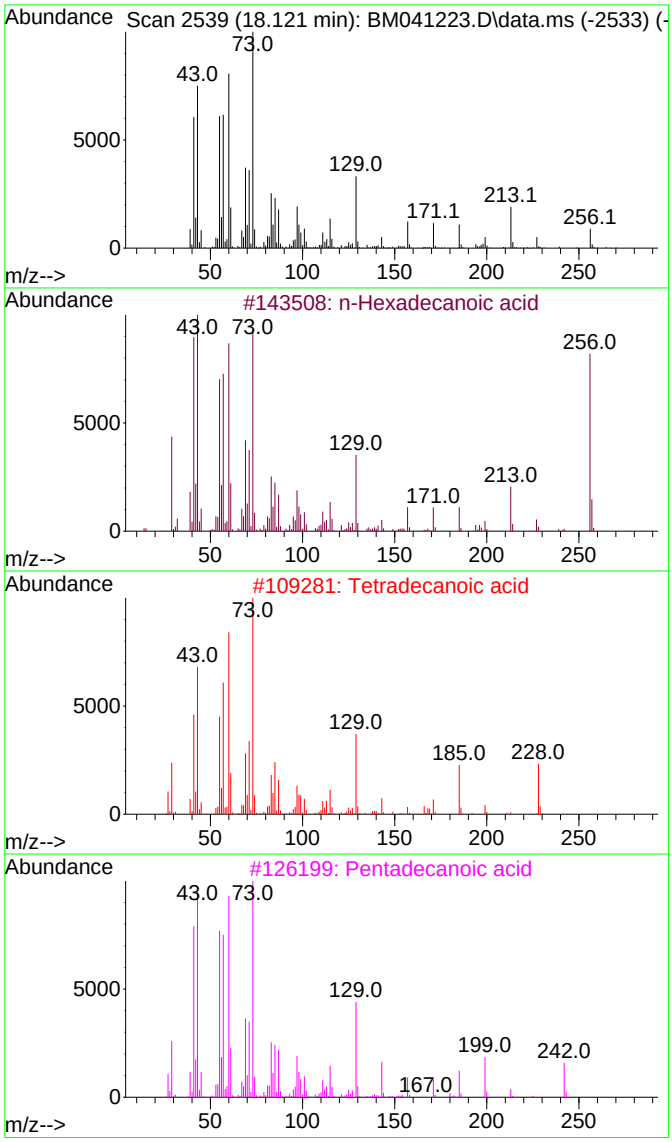
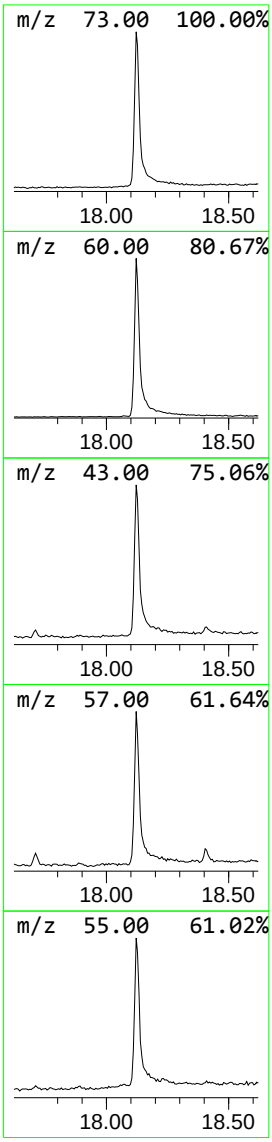
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	10.26 ng	966831	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HANOVER-ST-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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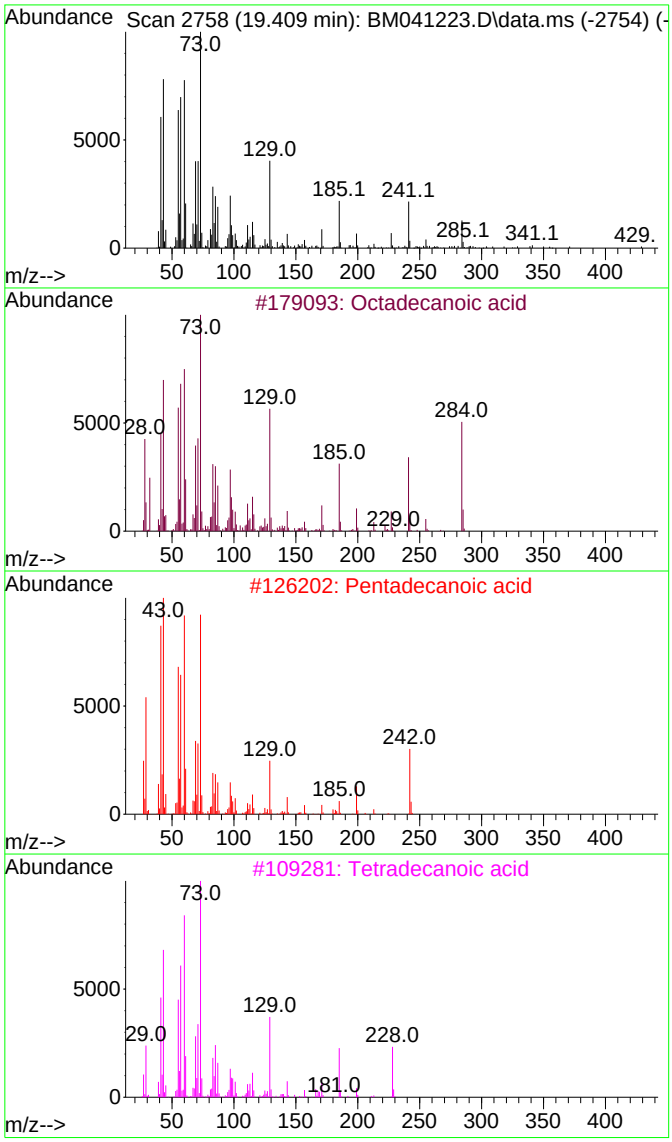
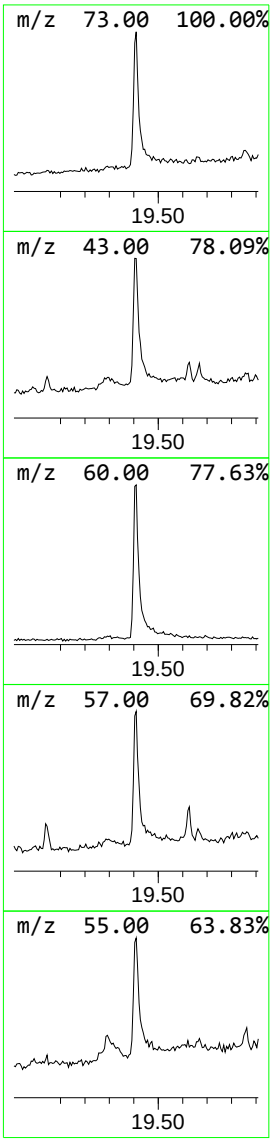
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.409	3.09 ng	347102	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HANOVER-ST-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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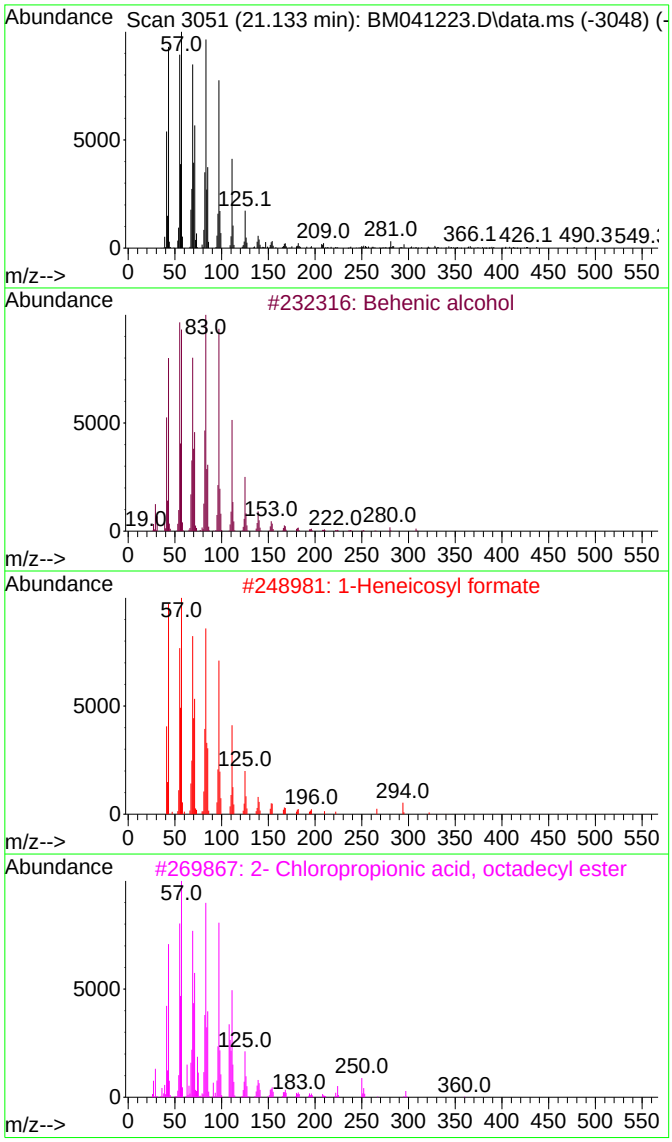
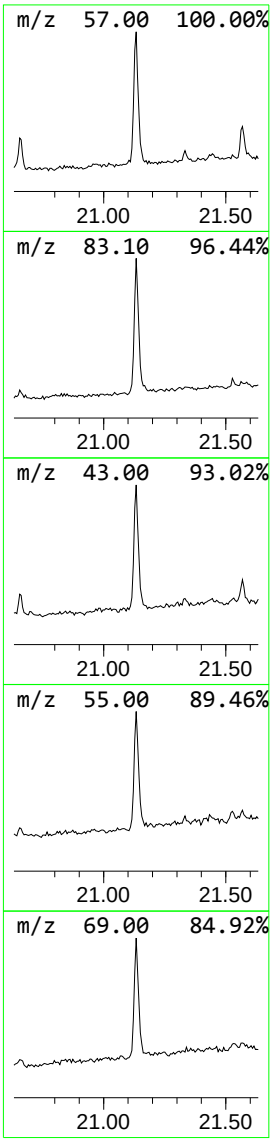
Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	4.62 ng	519346	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	Pentacos-1-ene	350	C25H50	016980-85-1	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
2-Pentanone, 4-...	4.910	6.3	ng	308066	1	7.798	981683	20.0
n-Hexadecanoic ...	18.121	10.3	ng	966831	4	17.221	1885050	20.0
Octadecanoic acid	19.409	3.1	ng	347102	5	21.427	2249830	20.0
Behenic alcohol	21.133	4.6	ng	519346	5	21.427	2249830	20.0