LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035385.D
Acq On : 03 Jun 2022 05:03
Operator : CG/JU
Sample : N2988-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P015-SS004-0006-01

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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	315	320	327	rVB	63112	94107	1.25%	0.259%
2	5.434	393	399	414	rBV	1599846	2421231	32.28%	6.656%
3	7.034	662	671	689	rBV	1474761	2537046	33.83%	6.974%
4	7.846	802	809	819	rBV	578518	944997	12.60%	2.598%
5	9.010	999	1007	1021	rBV	1018513	1796800	23.96%	4.939%
6	10.646	1278	1285	1298	rBV	723532	1250549	16.67%	3.438%
7	13.110	1696	1704	1719	rBV	3128797	4746302	63.28%	13.047%
8	14.486	1927	1938	1945	rBV	1155851	1714064	22.85%	4.712%
9	15.933	2179	2184	2186	rBV	71538	93289	1.24%	0.256%
10	15.981	2186	2192	2212	rVB	2045563	3177729	42.37%	8.735%
11	17.233	2398	2405	2411	rBV	1493458	2132140	28.43%	5.861%
12	17.286	2411	2414	2418	rVB2	62576	78015	1.04%	0.214%
13	17.722	2482	2488	2493	rBV4	48190	83460	1.11%	0.229%
14	18.139	2554	2559	2568	rBV	381246	557302	7.43%	1.532%
15	19.416	2772	2776	2788	rBV	193451	330620	4.41%	0.909%
16	19.857	2846	2851	2860	rBV	5844484	7499885	100.00%	20.616%
17	21.133	3064	3068	3075	rBV	568954	712617	9.50%	1.959%
18	21.415	3111	3116	3127	rBV	2021115	2785103	37.14%	7.656%
19	23.774	3511	3517	3526	rVB2	1399360	2733943	36.45%	7.515%
20	24.374	3616	3619	3627	rVB	366861	689572	9.19%	1.896%

Sum of corrected areas: 36378771

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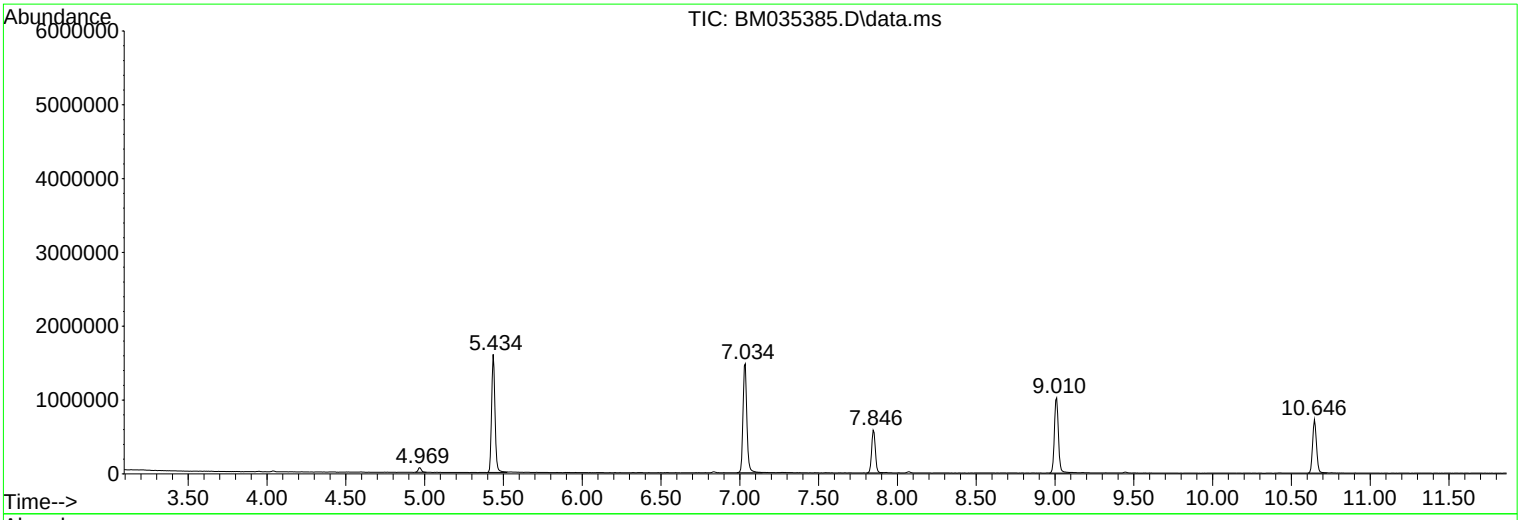
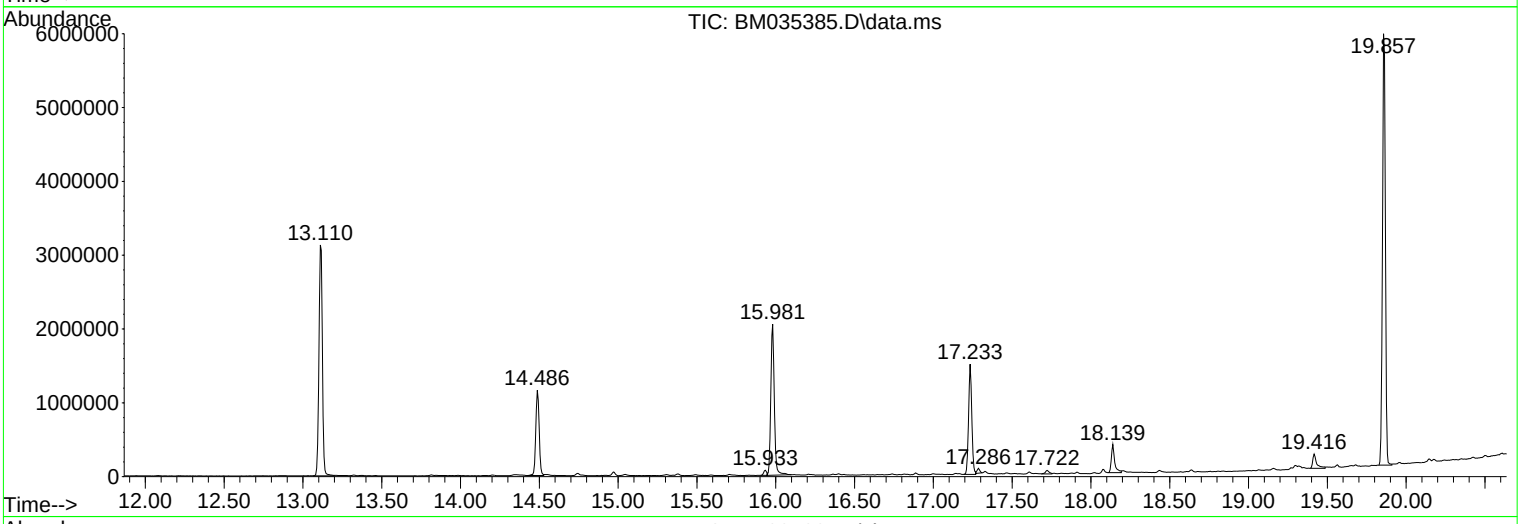
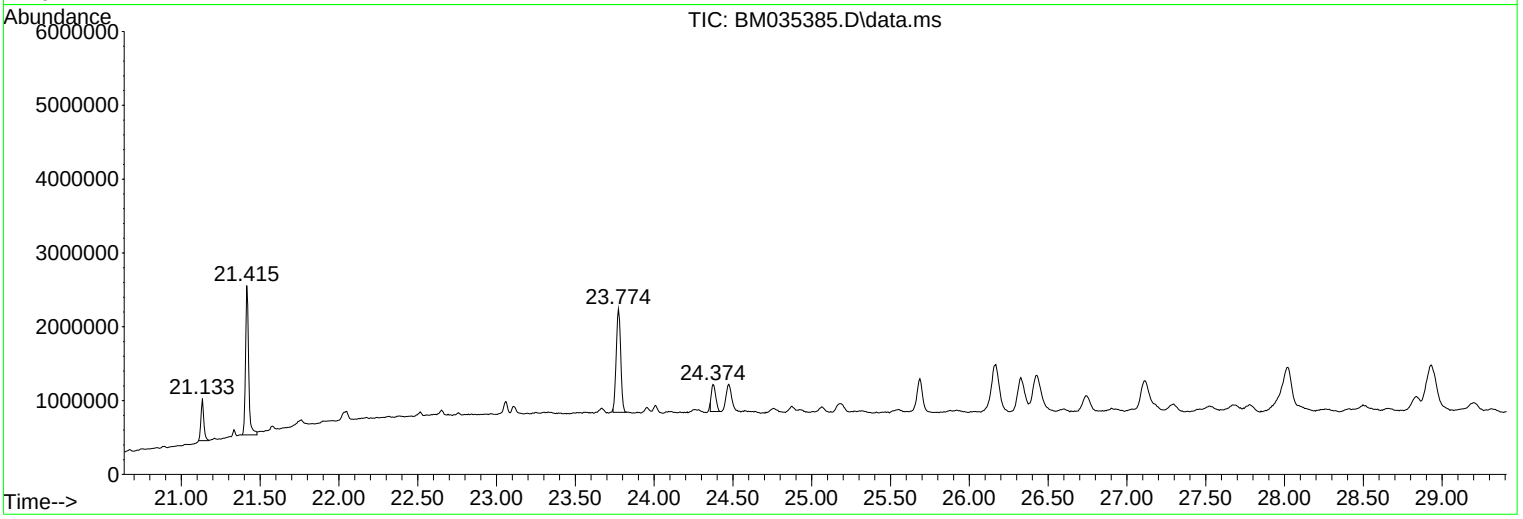
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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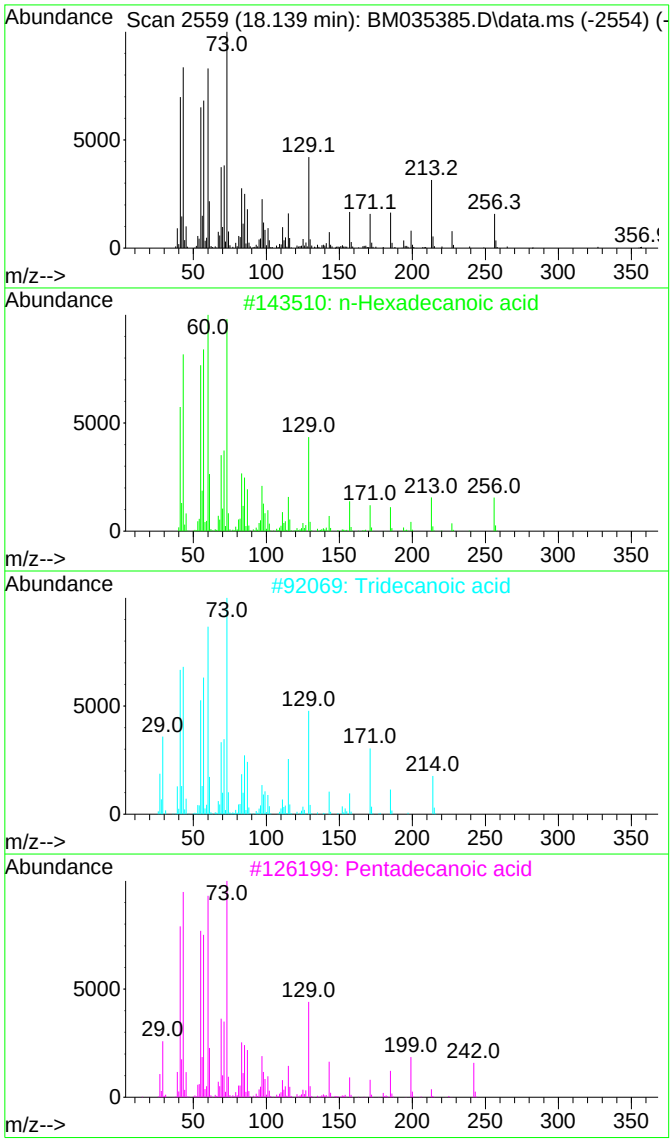
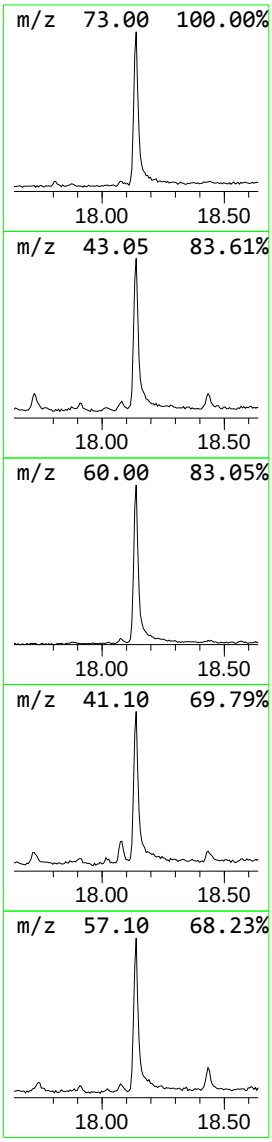
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	5.23 ng	557302	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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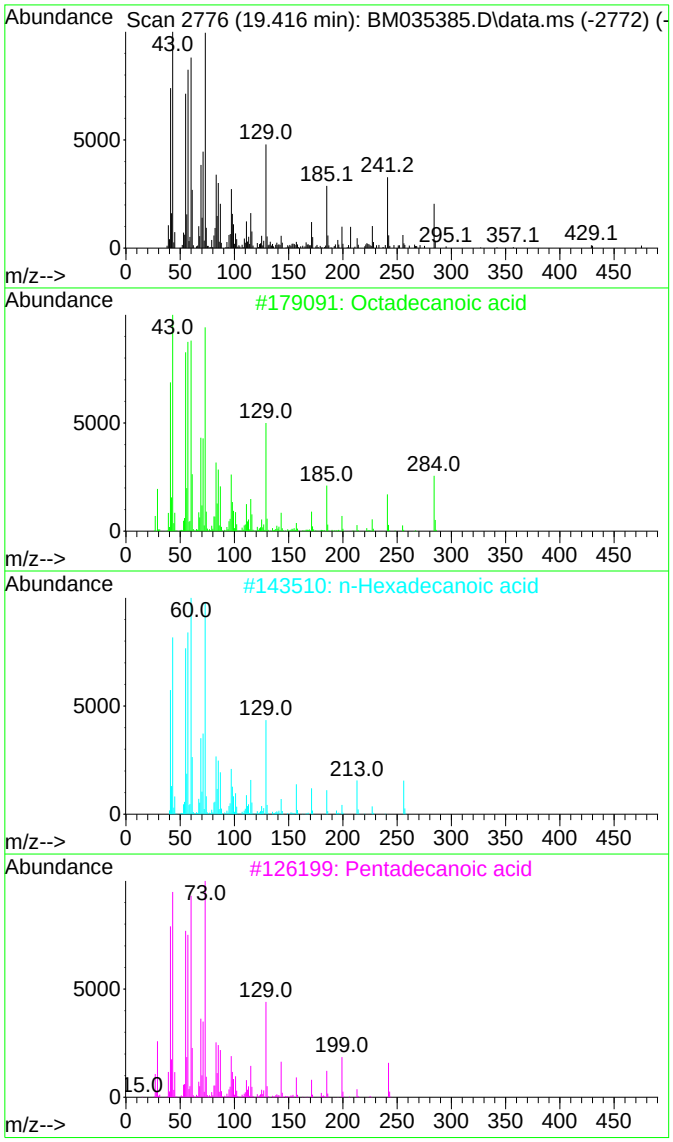
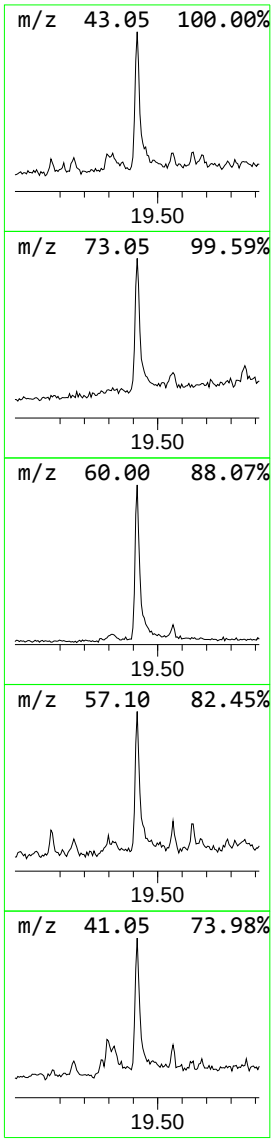
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	2.37 ng	330620	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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BNA_M
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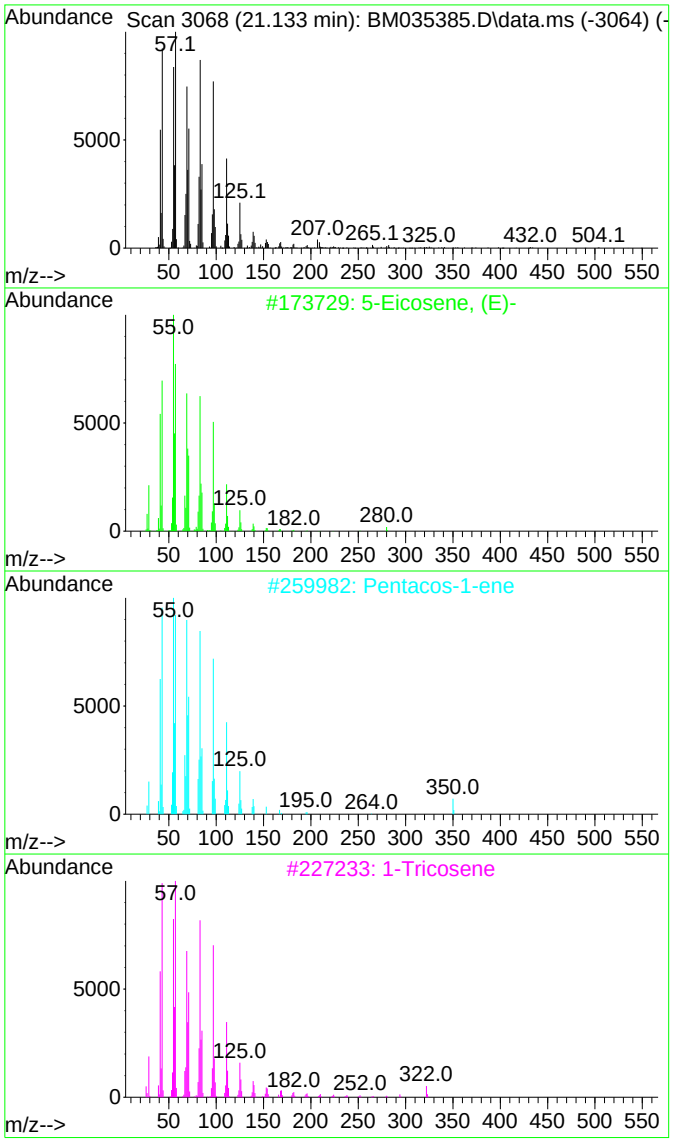
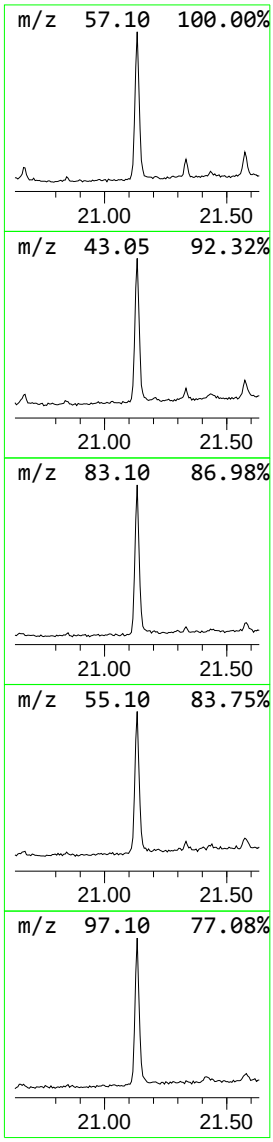
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	5.12 ng	712617	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Pentacos-1-ene	350	C25H50	016980-85-1	96
3	1-Tricosene	322	C23H46	018835-32-0	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94





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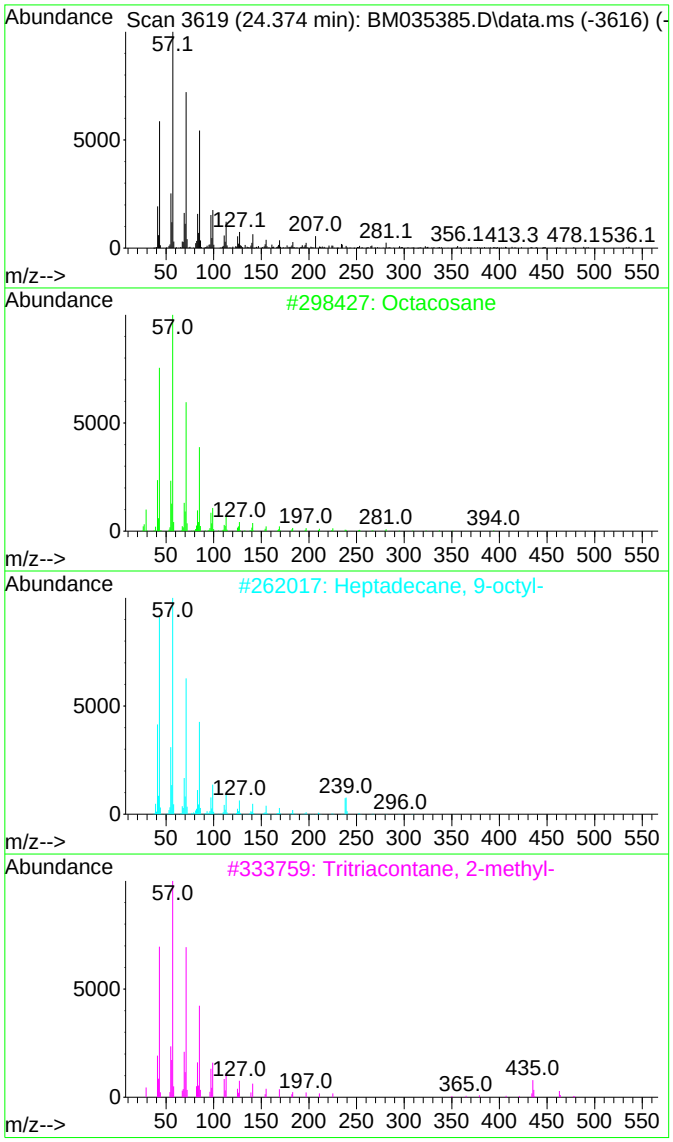
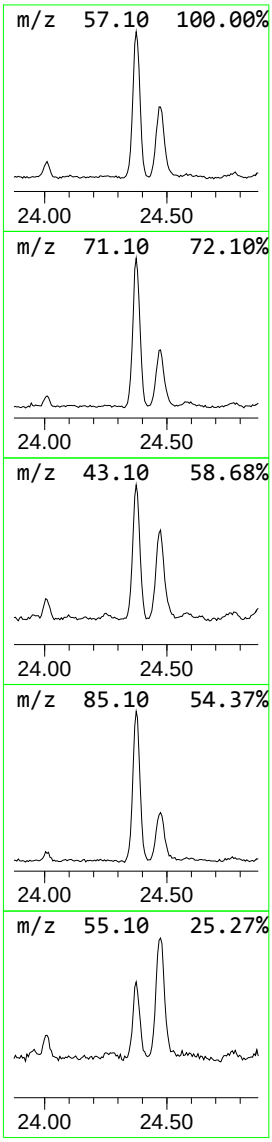
Peak Number 4 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.374	5.04 ng	689572	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Tritriacontane, 2-methyl-	479	C34H70	066214-27-5	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.139	5.2	ng	557302	4	17.233	2132140	20.0
Octadecanoic acid	19.416	2.4	ng	330620	5	21.416	2785100	20.0
5-Eicosene, (E)-	21.133	5.1	ng	712617	5	21.416	2785100	20.0
Octacosane	24.374	5.0	ng	689572	6	23.774	2733940	20.0