LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050222\
Data File : BM034878.D
Acq On : 02 May 2022 18:28
Operator : CG/JU
Sample : N2619-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS02-1-2-FT

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.498	404	410	420	rVB	3248380	4900516	31.35%	7.253%
2	7.092	672	681	691	rBV	3558673	5511658	35.26%	8.157%
3	7.928	815	823	830	rBV	744920	1163883	7.44%	1.723%
4	9.086	1011	1020	1028	rBV	2182814	3575713	22.87%	5.292%
5	10.727	1292	1299	1308	rBV	996351	1692111	10.82%	2.504%
6	13.192	1711	1718	1725	rBV	5709313	8552023	54.70%	12.657%
7	14.557	1944	1950	1963	rBV	1584584	2387385	15.27%	3.533%
8	16.045	2195	2203	2223	rBV	5094253	7388499	47.26%	10.935%
9	17.298	2408	2416	2422	rBV	2159322	3063578	19.60%	4.534%
10	18.203	2563	2570	2580	rBV	714485	1030460	6.59%	1.525%
11	19.474	2782	2786	2794	rBV	237638	344177	2.20%	0.509%
12	19.727	2824	2829	2837	rBV3	70963	165668	1.06%	0.245%
13	19.921	2856	2862	2868	rBV	12417019	15633328	100.00%	23.137%
14	21.191	3075	3078	3090	rVB	1826884	2104487	13.46%	3.115%
15	21.474	3121	3126	3131	rBV	3093453	4044296	25.87%	5.985%
16	22.121	3231	3236	3247	rBV	825679	1159113	7.41%	1.715%
17	23.203	3416	3420	3431	rVB3	278348	492041	3.15%	0.728%
18	23.868	3526	3533	3545	rVB2	1823943	3732135	23.87%	5.523%
19	24.597	3652	3657	3665	rVB2	308323	627657	4.01%	0.929%

Sum of corrected areas: 67568728

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ClientSampleId :
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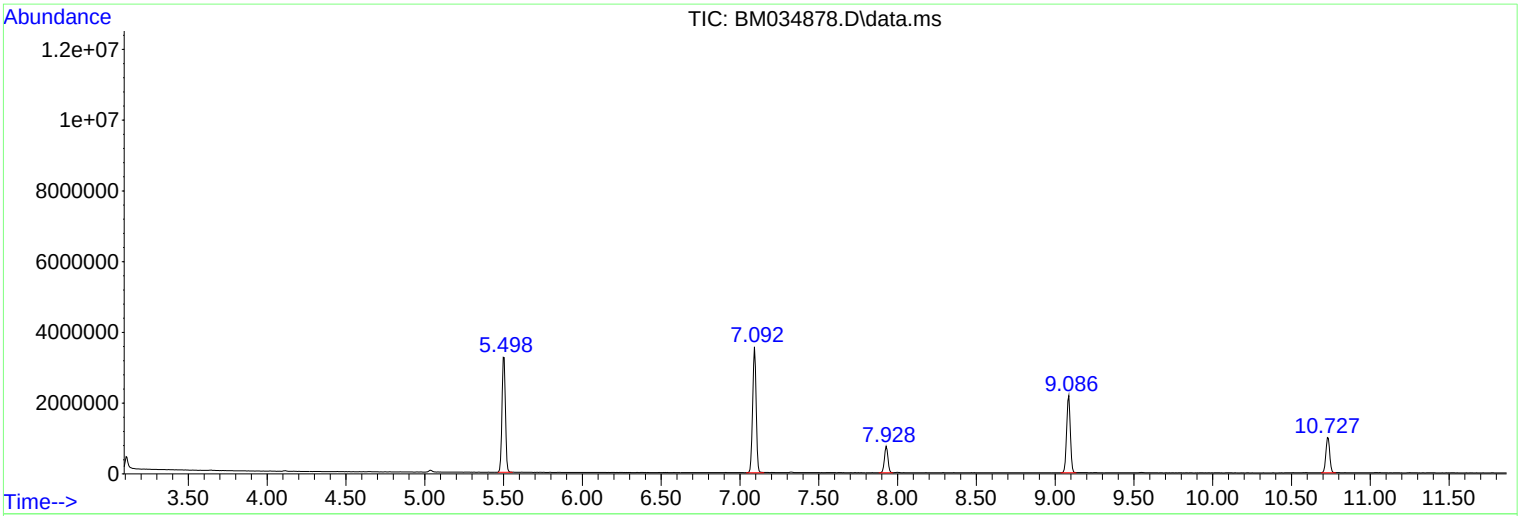
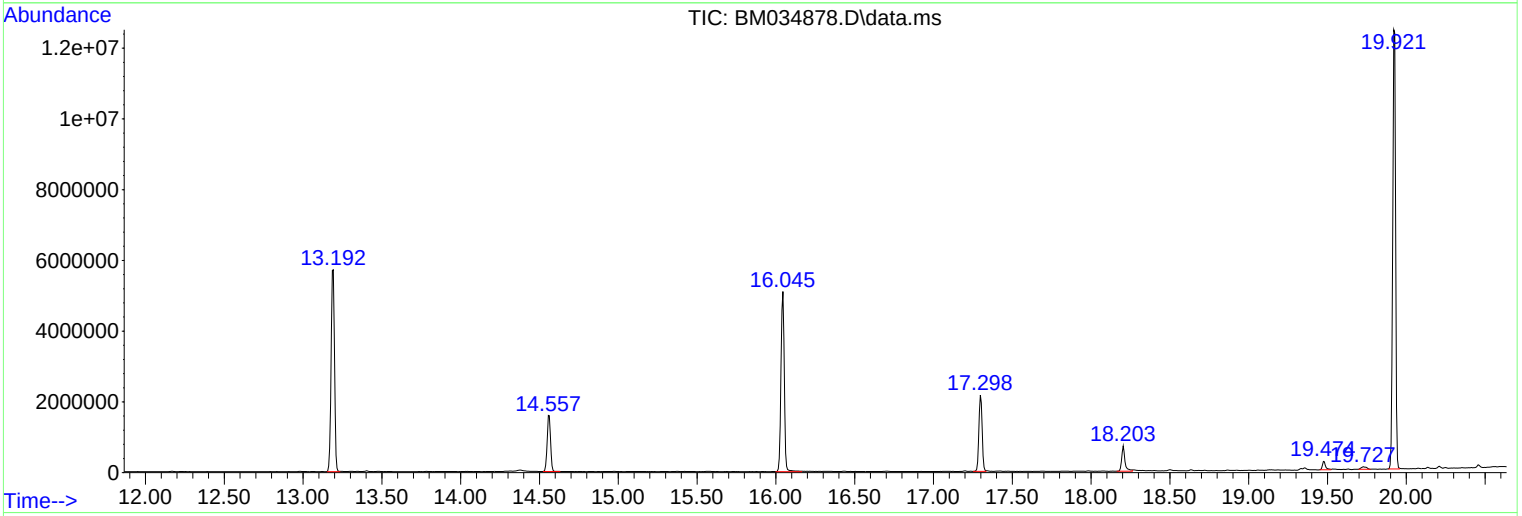
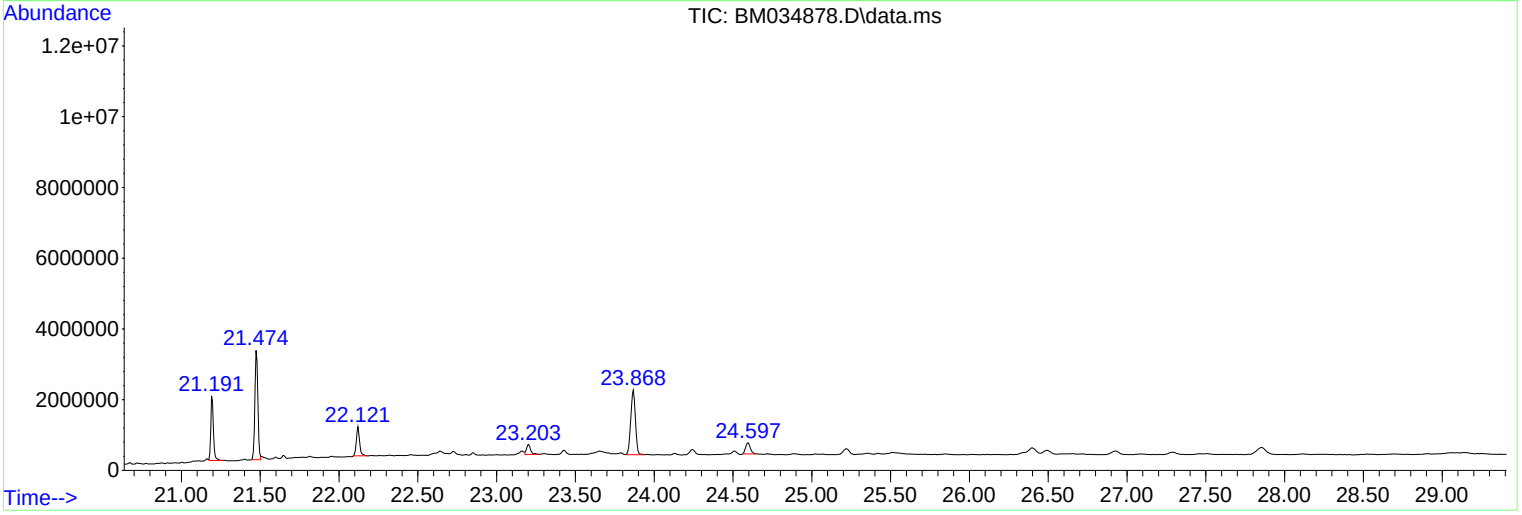
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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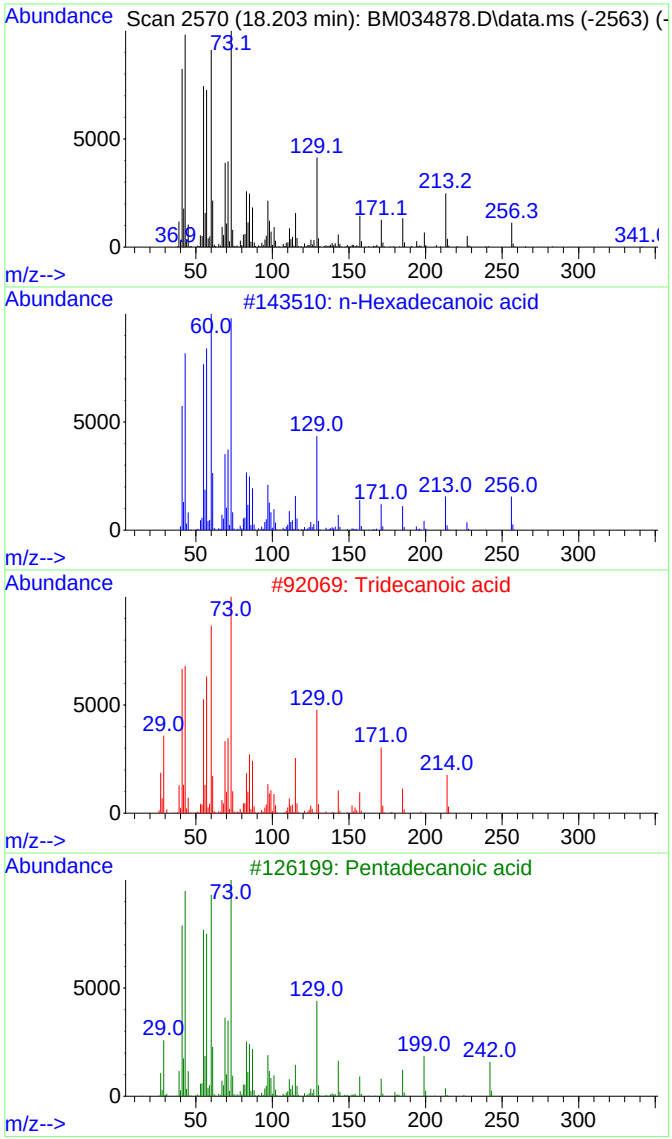
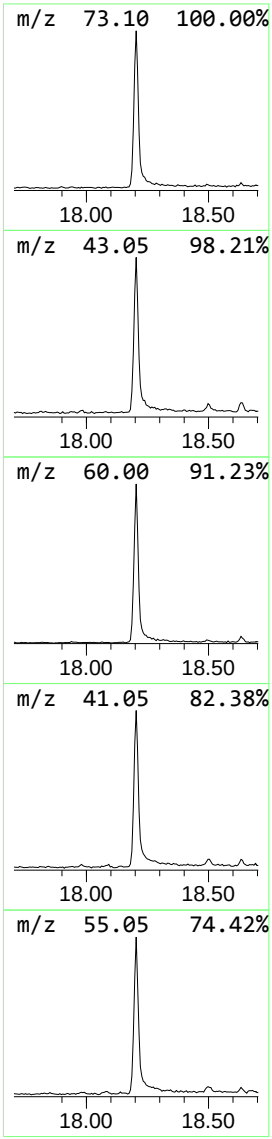
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	6.73 ng	1030460	Phenanthrene-d10	17.298

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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TIC Library : C:\Database\NIST20.L
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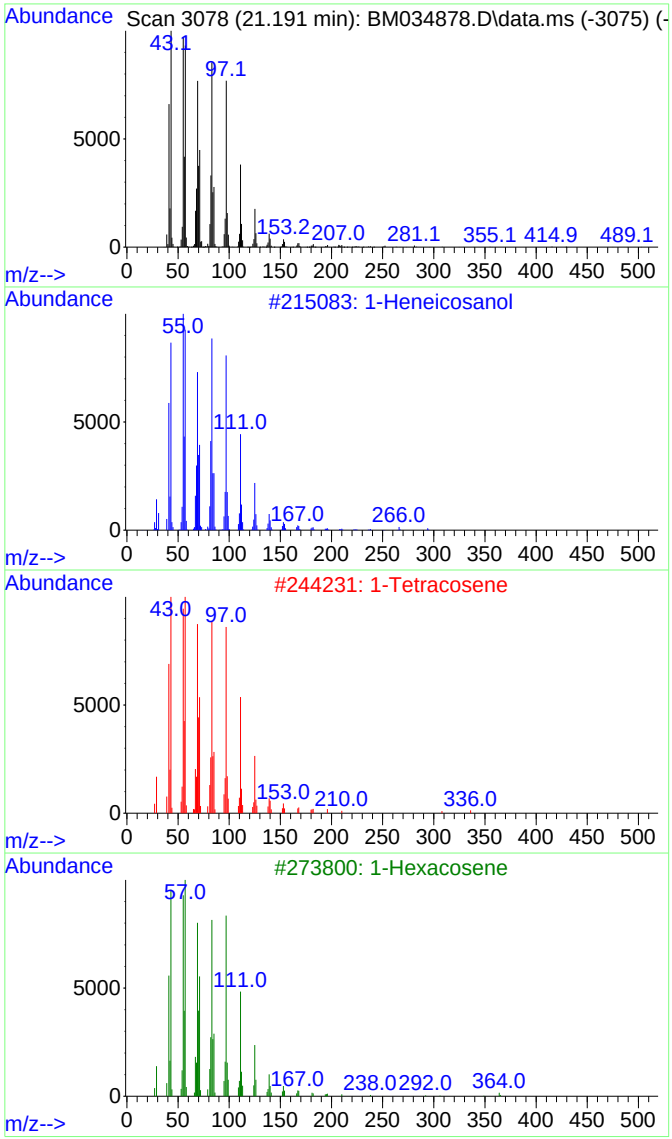
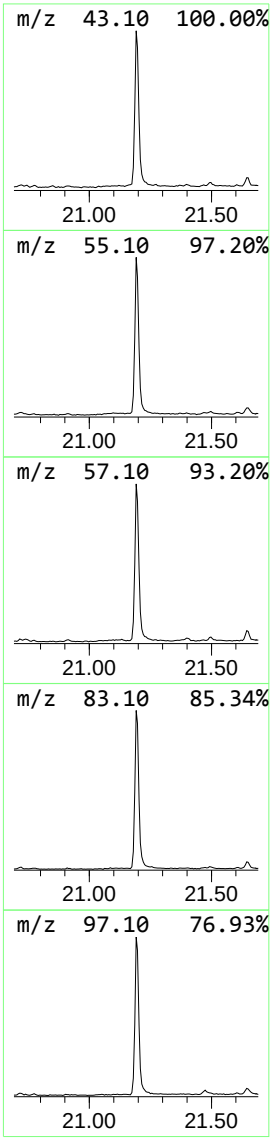
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	10.41 ng	2104490	Chrysene-d12	21.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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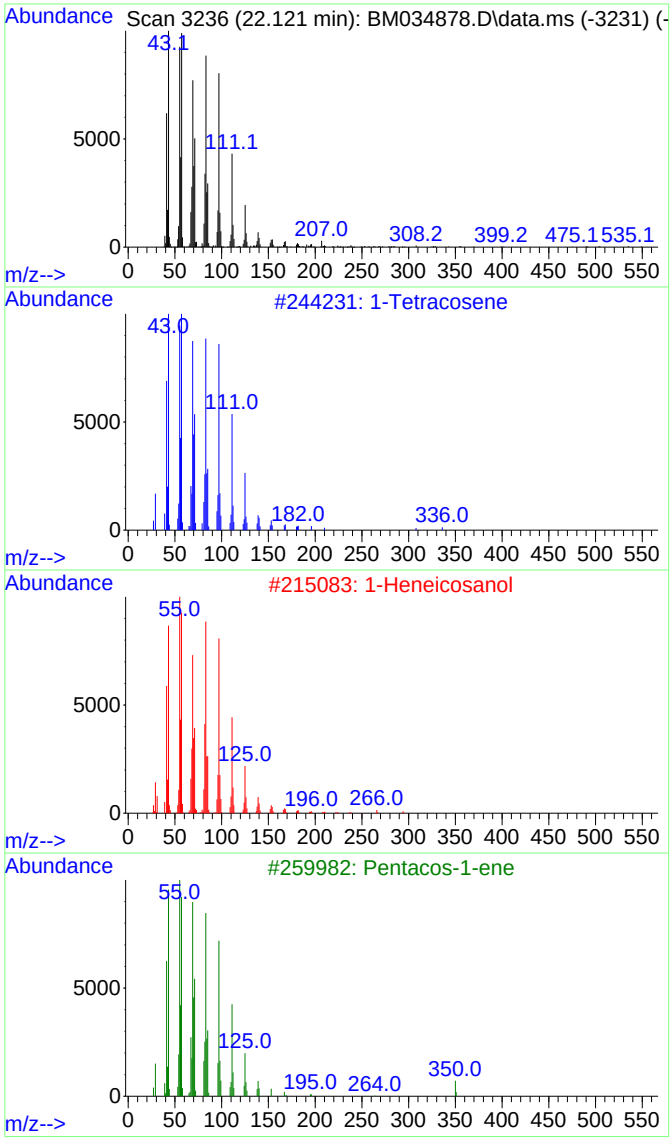
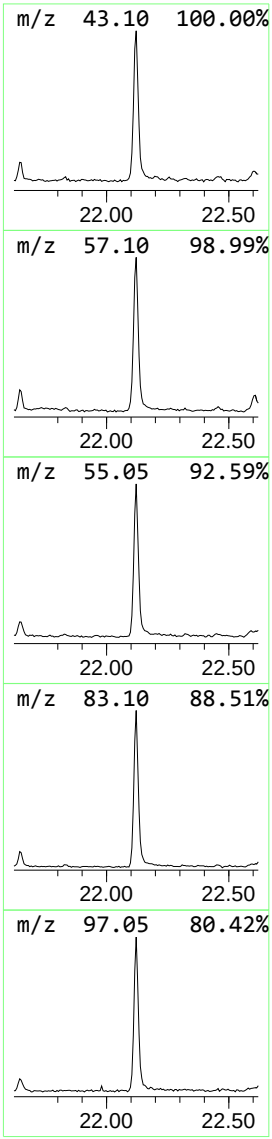
Peak Number 3 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.121	5.73 ng	1159110	Chrysene-d12	21.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Heptacos-1-ene	378	C27H54	015306-27-1	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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TIC Library : C:\Database\NIST20.L
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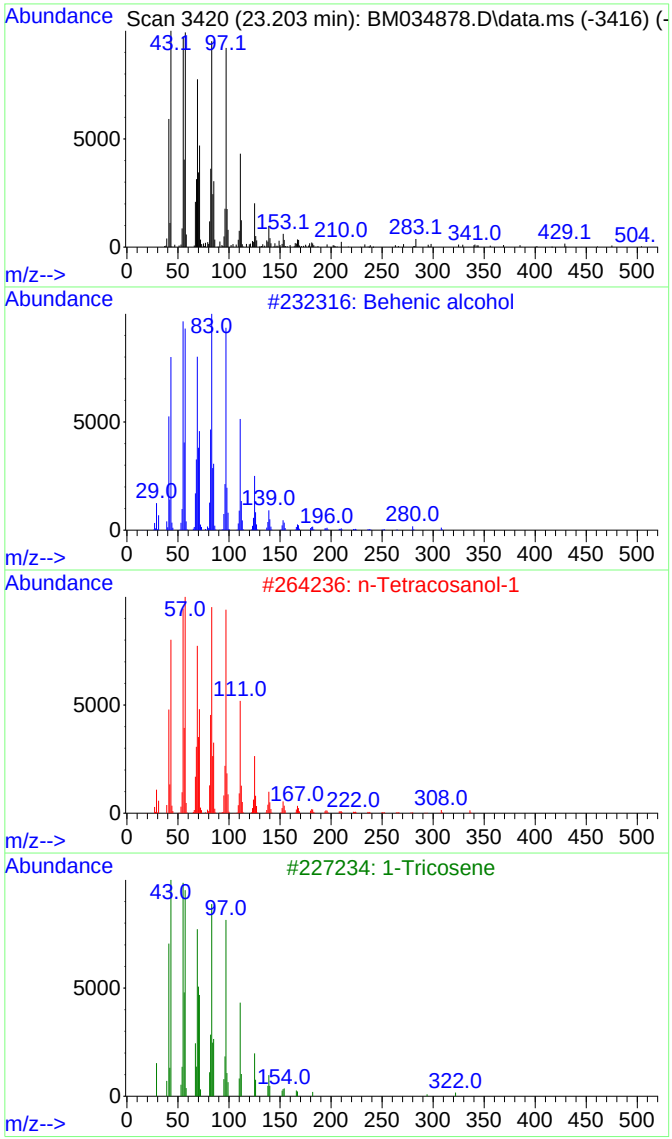
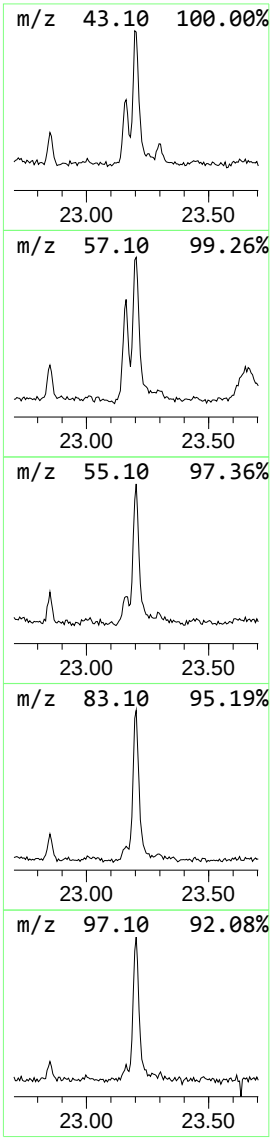
Peak Number 4 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.203	2.64 ng	492041	Perylene-d12	23.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Tricosene	322	C23H46	018835-32-0	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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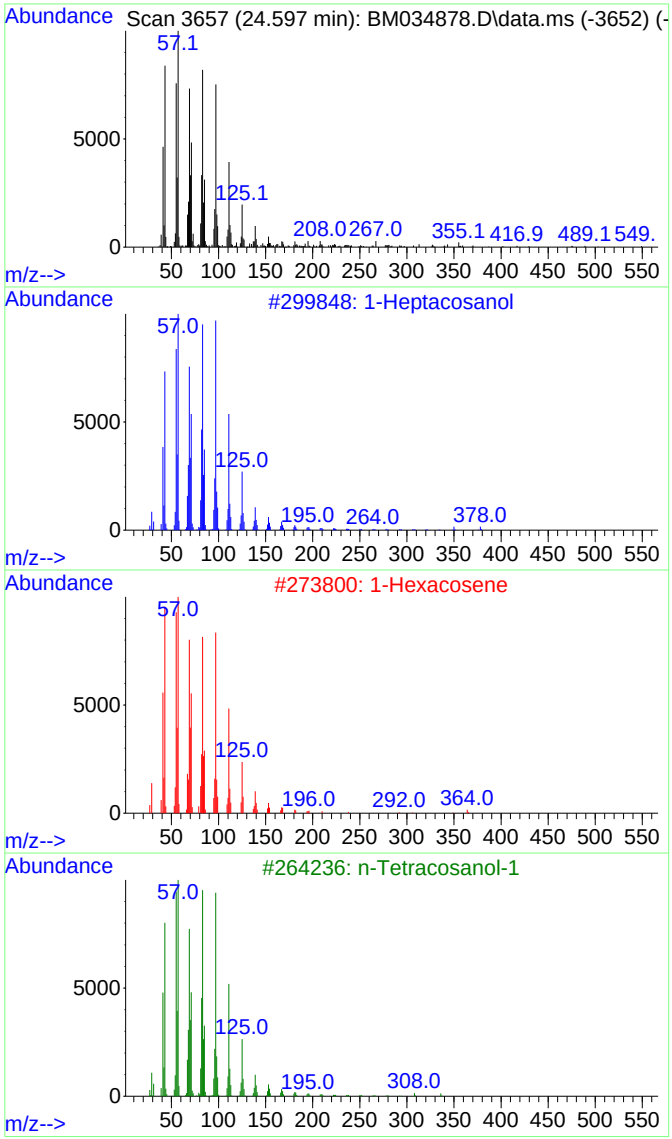
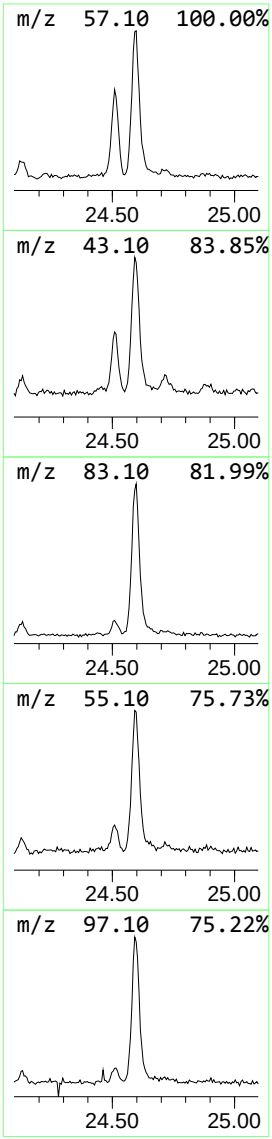
Peak Number 5 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.597	3.36 ng	627657	Perylene-d12	23.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	94
5	Octacosyl acetate	452	C30H60O2	018206-97-8	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 ...	18.203	6.7	ng	1030460	4	17.298	3063580	20.0
1-Heneicosanol	21.192	10.4	ng	2104490	5	21.474	4044300	20.0
1-Tetracosene	22.121	5.7	ng	1159110	5	21.474	4044300	20.0
Behenic alcohol	23.203	2.6	ng	492041	6	23.868	3732140	20.0
1-Heptacosanol	24.597	3.4	ng	627657	6	23.868	3732140	20.0