LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035183.D
Acq On : 20 May 2022 19:11
Operator : CG/JU
Sample : N2872-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P022-SS001-2430-01

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

Signal : TIC: BM035183.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	400	407	417	rBV	2439197	3552491	42.44%	9.412%
2	7.075	669	678	693	rBV	2375609	3804141	45.44%	10.078%
3	7.904	812	819	827	rBV	417353	654457	7.82%	1.734%
4	9.063	1008	1016	1028	rBV	1458243	2370152	28.31%	6.279%
5	9.510	1087	1092	1100	rVB	90707	134366	1.61%	0.356%
6	10.704	1288	1295	1308	rVB	524479	896691	10.71%	2.376%
7	13.169	1706	1714	1724	rBV	3677554	5272979	62.99%	13.970%
8	14.539	1941	1947	1961	rBV	800850	1178658	14.08%	3.123%
9	16.027	2193	2200	2214	rBV	2976029	4291999	51.27%	11.371%
10	17.286	2407	2414	2422	rBV	1004021	1408218	16.82%	3.731%
11	18.192	2562	2568	2576	rBV	488096	745742	8.91%	1.976%
12	18.256	2576	2579	2594	rVB	42192	99765	1.19%	0.264%
13	19.468	2780	2785	2796	rBV	321776	522779	6.24%	1.385%
14	19.909	2854	2860	2866	rBV	6929715	8371401	100.00%	22.178%
15	21.186	3073	3077	3085	rBV	660943	879306	10.50%	2.330%
16	21.468	3120	3125	3135	rBV	1374747	1812903	21.66%	4.803%
17	23.856	3525	3531	3539	rVB2	898920	1749585	20.90%	4.635%

Sum of corrected areas: 37745633

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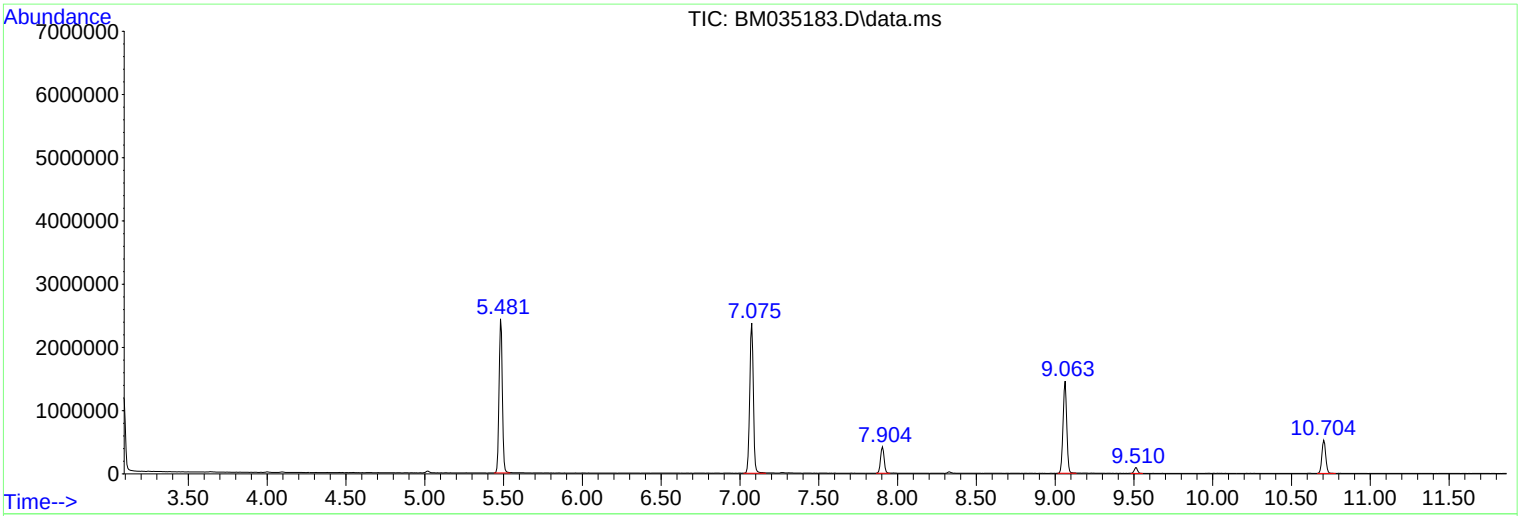
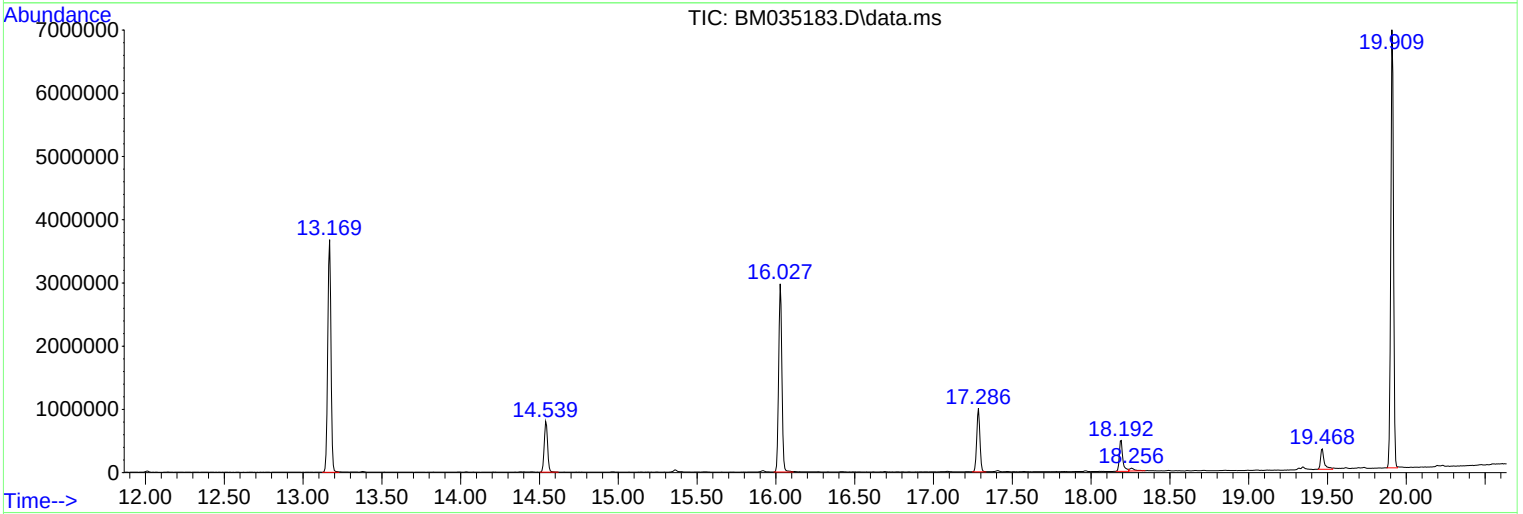
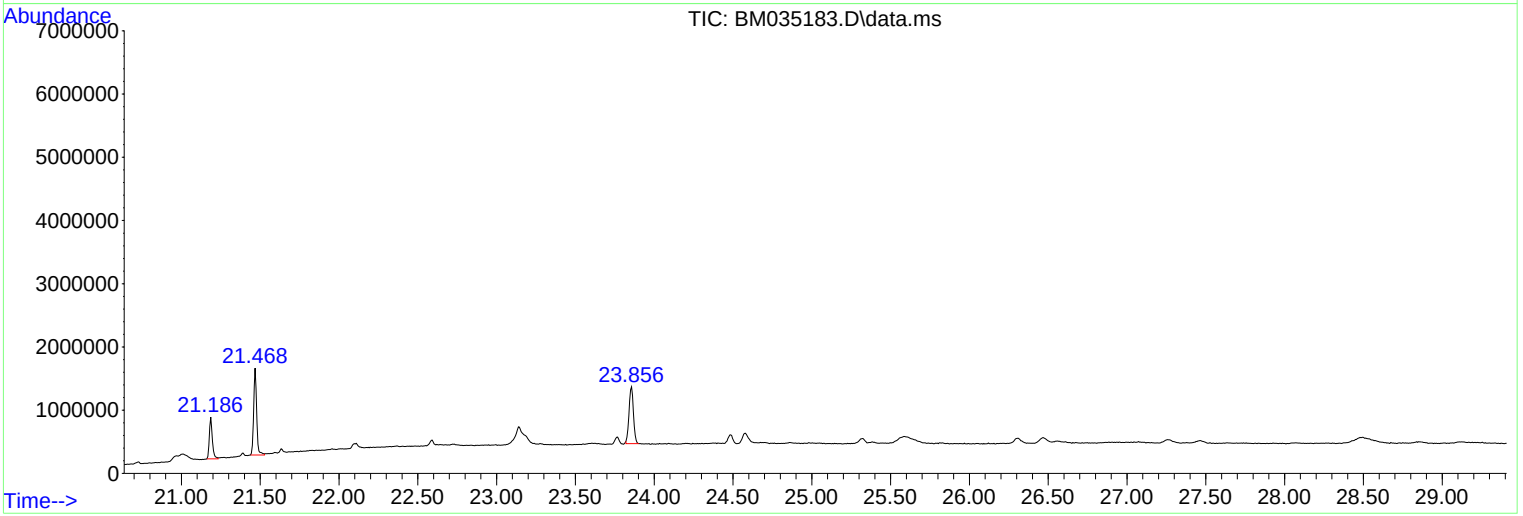
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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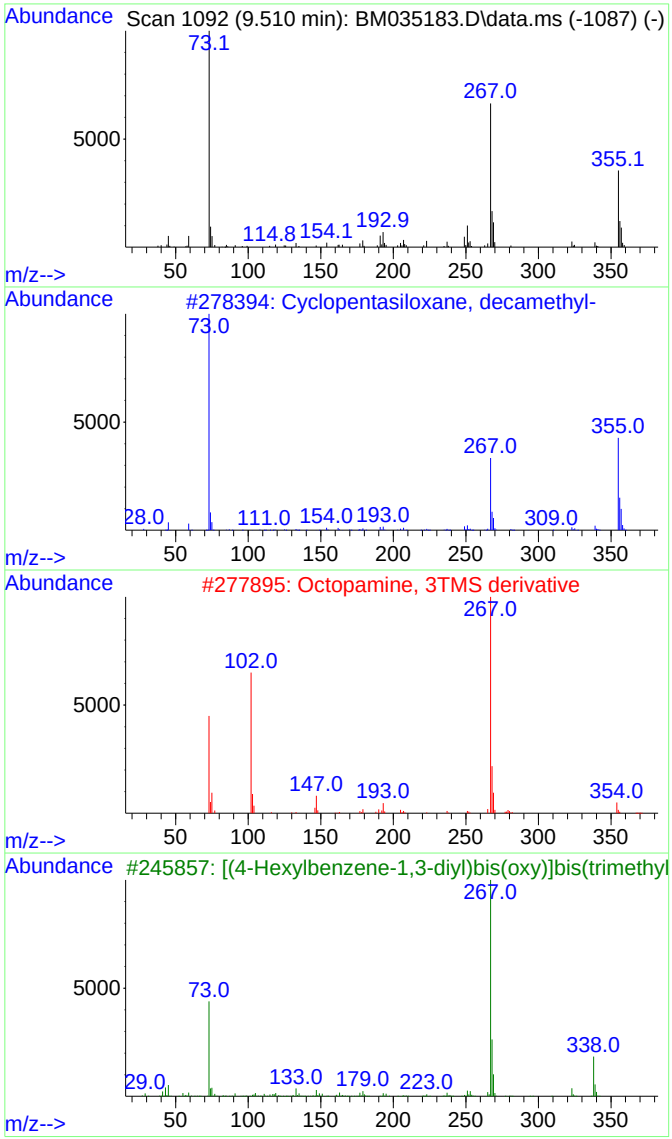
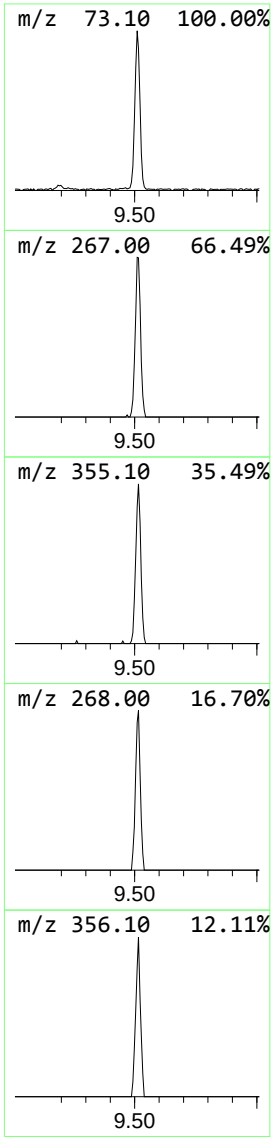
****
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	3.00 ng	134366	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Octopamine, 3TMS derivative	369	C17H35NO2Si3	068595-60-8	50
3	[(4-Hexylbenzene-1,3-diyl)bis(ox...	338	C18H34O2Si2	134273-01-1	47
4	Ethyl 4-hydroxymandelate, 2TMS d...	340	C16H28O4Si2	1010071-53-3	47
5	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	47





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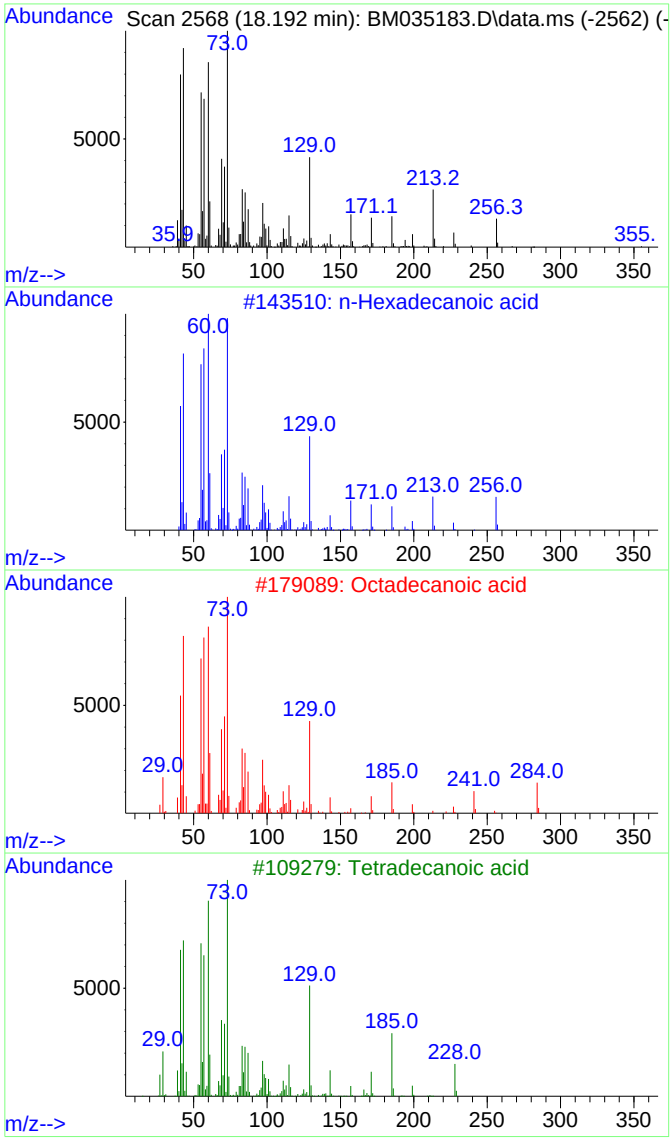
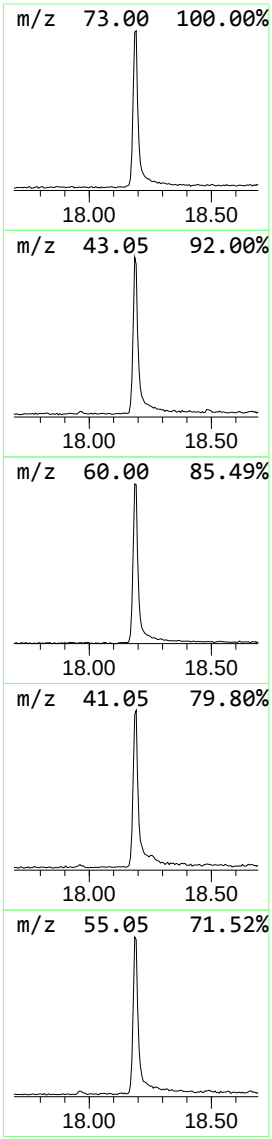
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	10.59 ng	745742	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Sample : N2872-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
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

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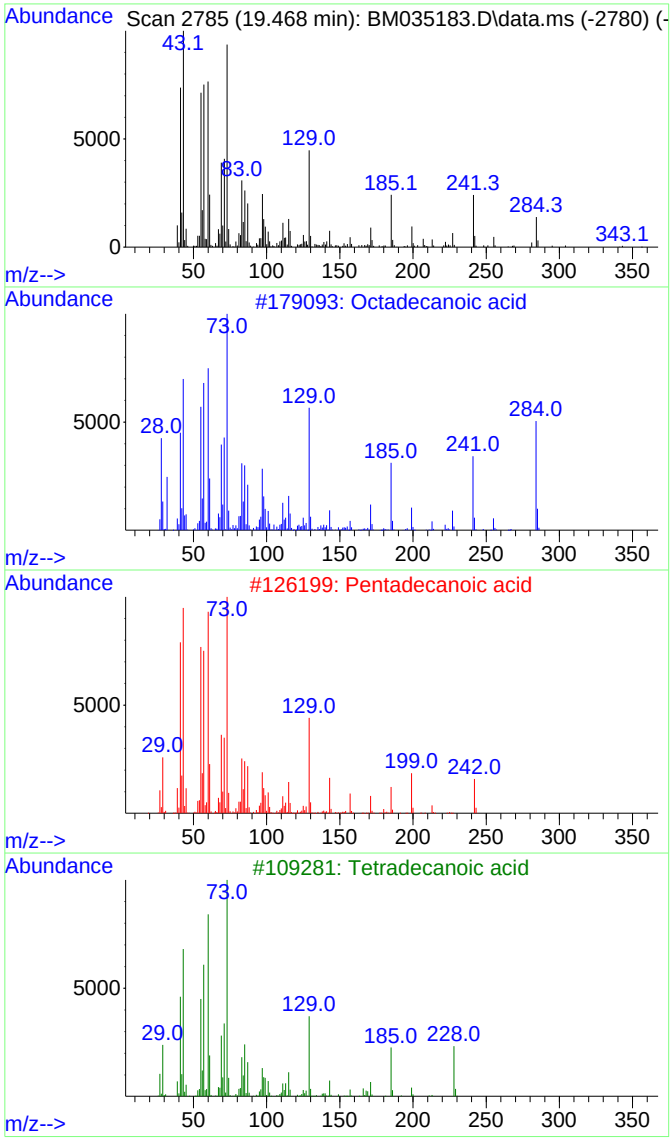
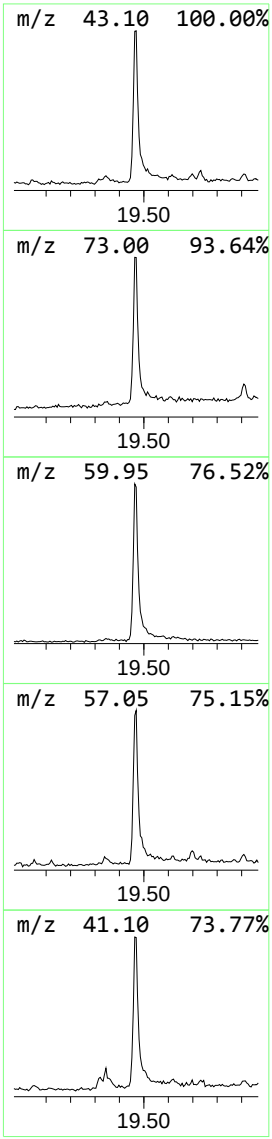
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	5.77 ng	522779	Chrysene-d12	21.468

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P022-SS001-2430-01

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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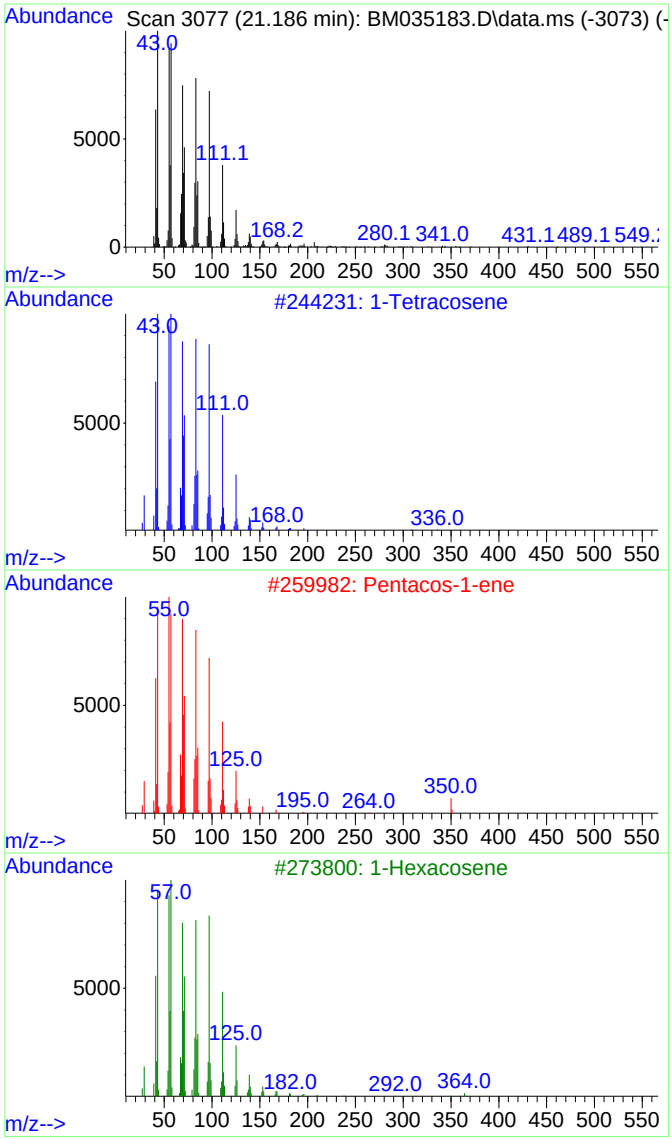
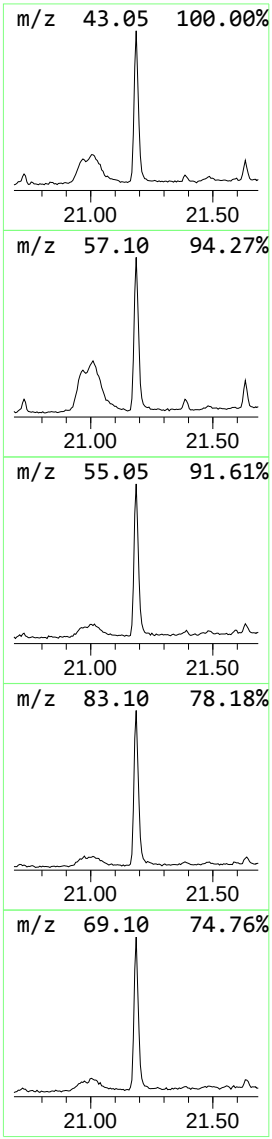
Peak Number 4 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	9.70 ng	879306	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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BNA_M
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P022-SS001-2430-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentasilox...	9.510	3.0	ng	134366	2	10.704	896691	20.0
n-Hexadecanoic ...	18.192	10.6	ng	745742	4	17.286	1408220	20.0
Octadecanoic acid	19.468	5.8	ng	522779	5	21.468	1812900	20.0
1-Tetracosene	21.186	9.7	ng	879306	5	21.468	1812900	20.0