LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035180.D
Acq On : 20 May 2022 17:22
Operator : CG/JU
Sample : N2872-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P022-SS001-0006-01

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

Signal : TIC: BM035180.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	419	rBV	1579648	2317703	41.86%	7.950%
2	7.069	669	677	693	rBV	1513491	2503434	45.22%	8.587%
3	7.904	812	819	829	rBV	389721	616157	11.13%	2.114%
4	9.063	1008	1016	1026	rBV	932763	1559414	28.17%	5.349%
5	9.510	1087	1092	1100	rVB	150141	228151	4.12%	0.783%
6	10.704	1288	1295	1305	rBV	479499	806393	14.57%	2.766%
7	12.010	1512	1517	1523	rVB2	38391	56823	1.03%	0.195%
8	13.169	1707	1714	1726	rBV	2366699	3531146	63.78%	12.112%
9	14.539	1938	1947	1954	rBV	725867	1062566	19.19%	3.645%
10	15.363	2078	2087	2097	rBV	84630	155523	2.81%	0.533%
11	15.916	2168	2181	2193	rBV	45187	95885	1.73%	0.329%
12	16.027	2193	2200	2214	rVV	1965299	2793277	50.45%	9.581%
13	17.286	2407	2414	2420	rBV	883307	1251847	22.61%	4.294%
14	18.186	2562	2567	2575	rBV	534756	818638	14.79%	2.808%
15	18.257	2576	2579	2590	rVB	80097	143403	2.59%	0.492%
16	19.345	2761	2764	2774	rVB5	48124	82907	1.50%	0.284%
17	19.468	2780	2785	2804	rBV	977543	1496916	27.04%	5.135%
18	19.910	2855	2860	2868	rBV	4697595	5536215	100.00%	18.990%
19	21.186	3074	3077	3084	rBV	269367	373415	6.74%	1.281%
20	21.392	3108	3112	3116	rBV	197663	239879	4.33%	0.823%
21	21.468	3120	3125	3136	rVV	1250083	1712020	30.92%	5.873%
22	21.604	3145	3148	3151	rBV	103414	123612	2.23%	0.424%
23	23.856	3525	3531	3540	rVB2	817535	1647723	29.76%	5.652%

Sum of corrected areas: 29153047

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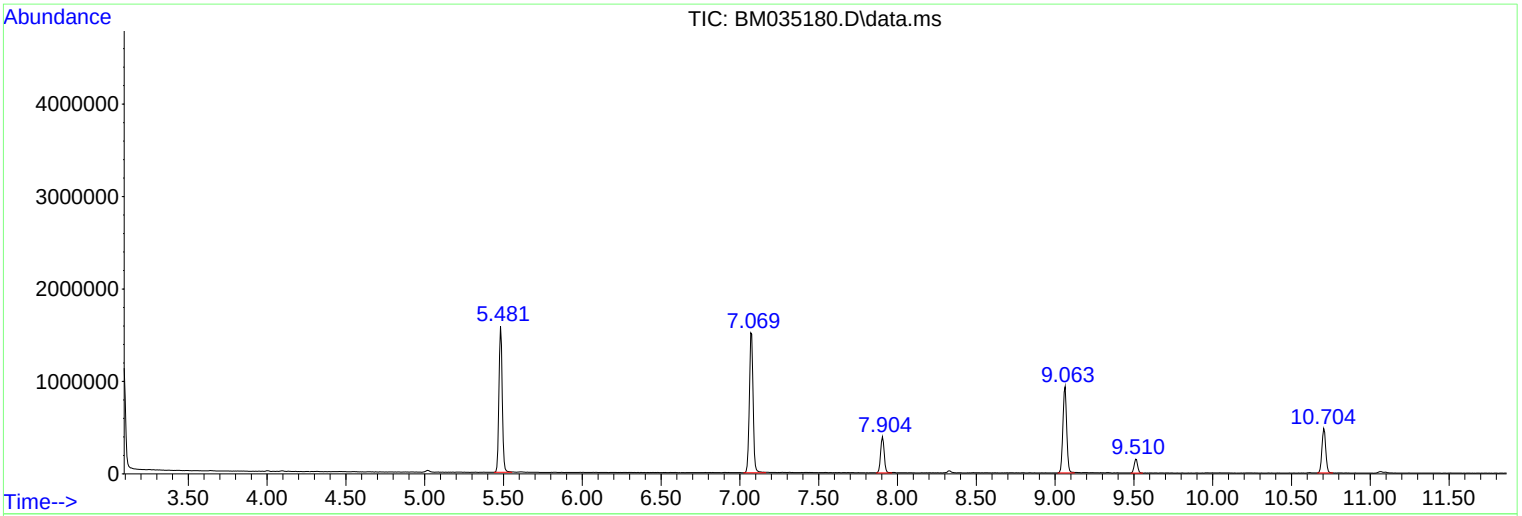
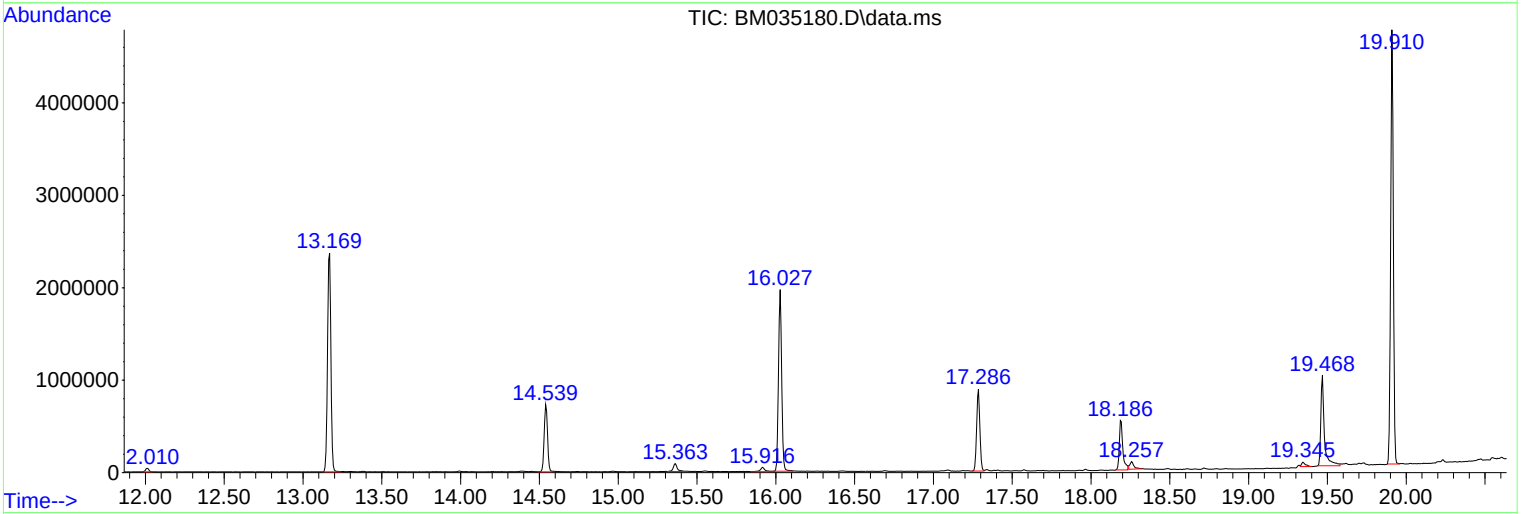
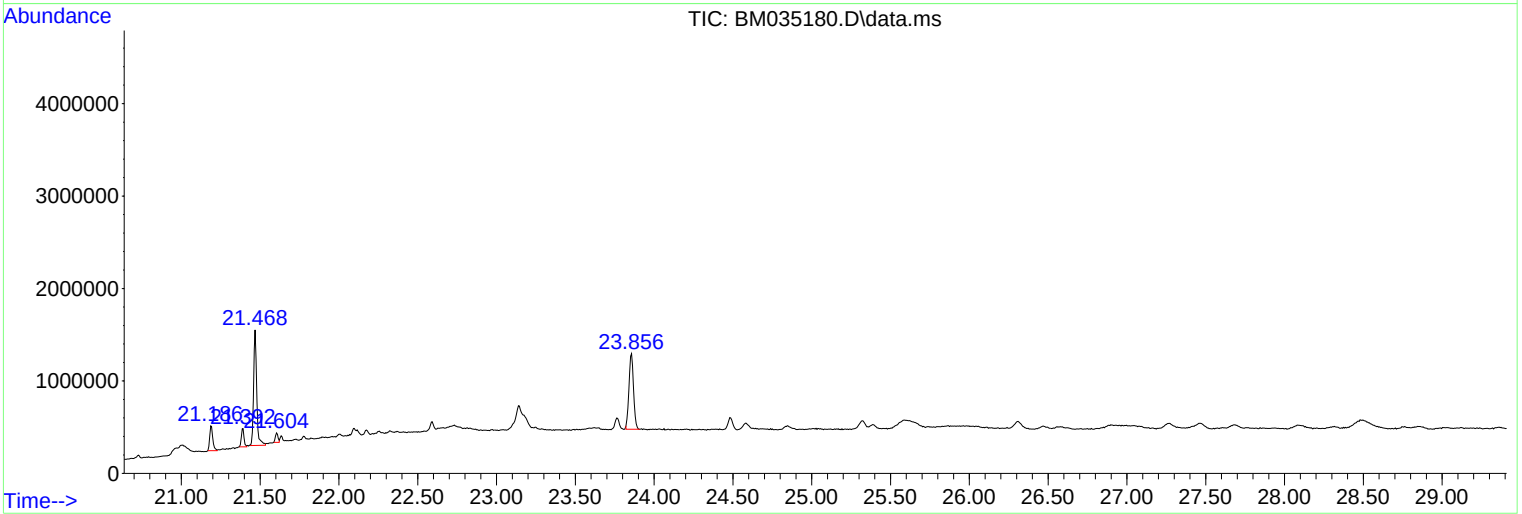
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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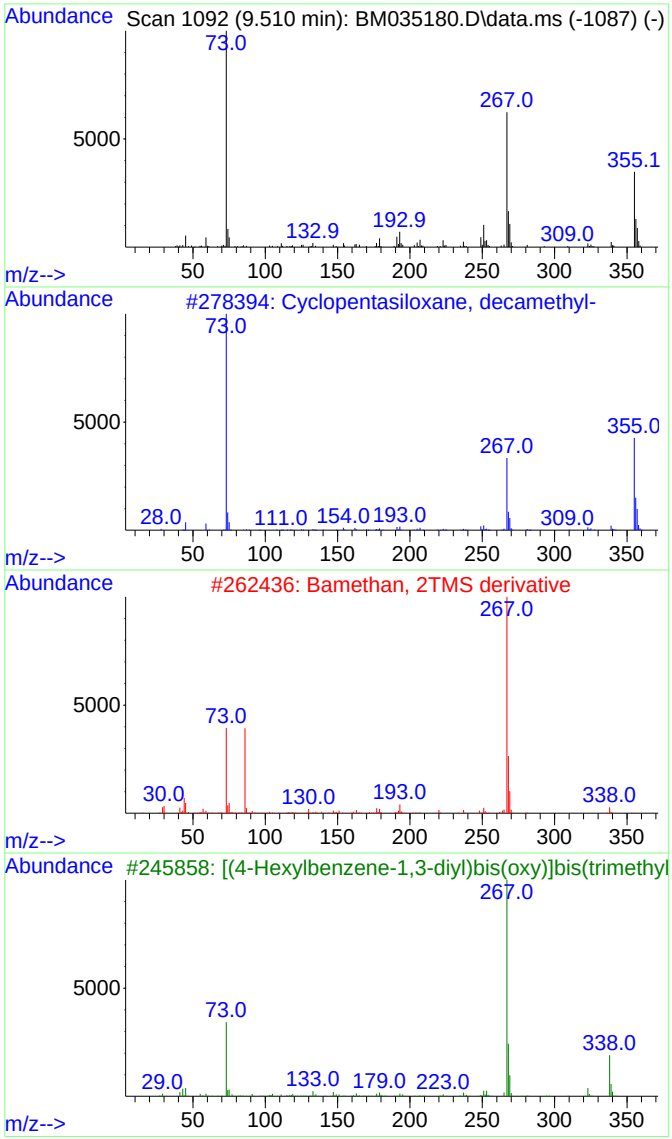
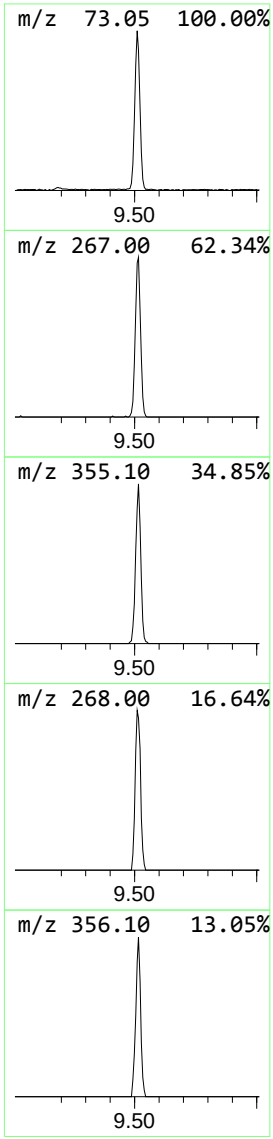
****
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	5.66 ng	228151	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	52
2	Bamethan, 2TMS derivative	353	C18H35NO2Si2	040629-66-1	47
3	[(4-Hexylbenzene-1,3-diyl)bis(ox...	338	C18H34O2Si2	134273-01-1	47
4	2-Amino-4-methylphenol, 2TMS der...	267	C13H25NOSi2	1000373-28-1	47
5	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	43





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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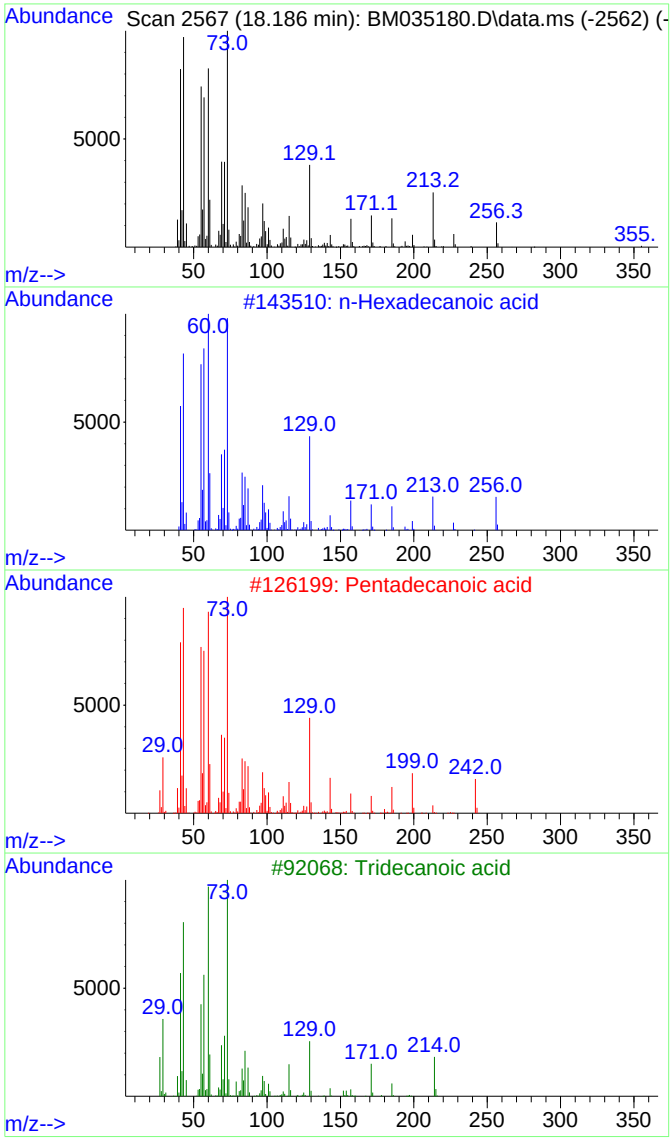
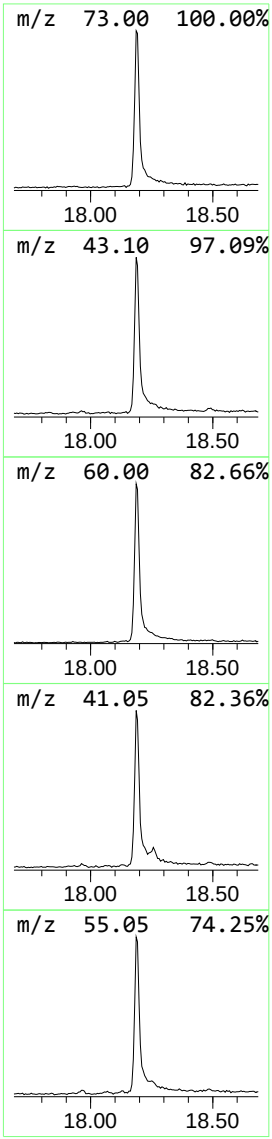
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	13.08 ng	818638	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Operator : CG/JU
Sample : N2872-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P022-SS001-0006-01

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

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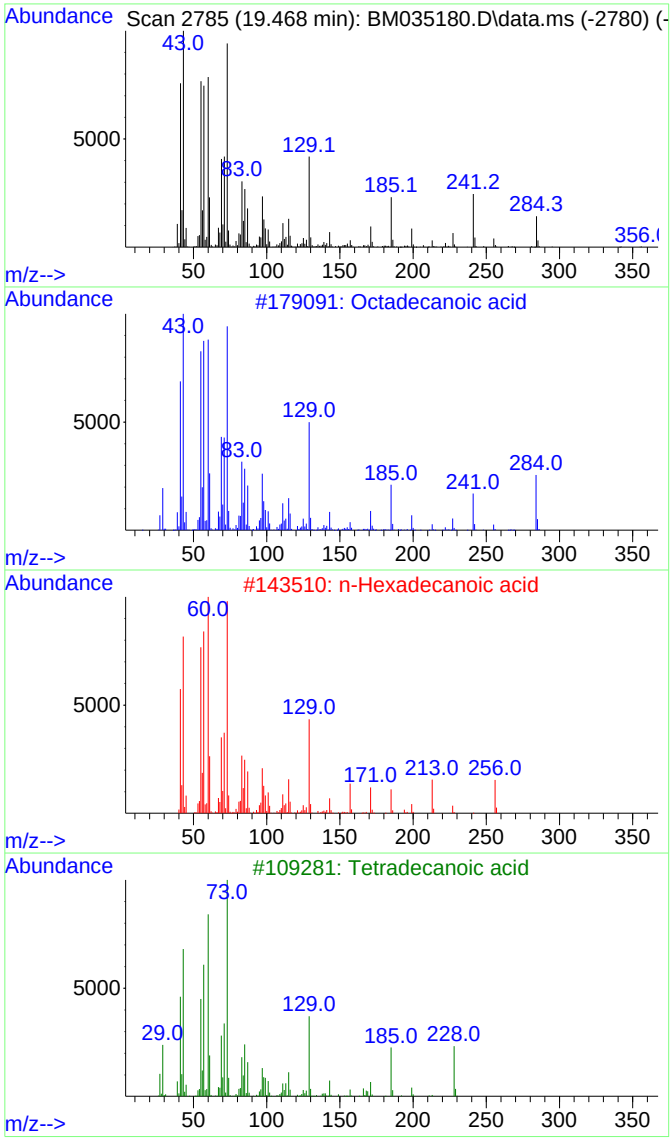
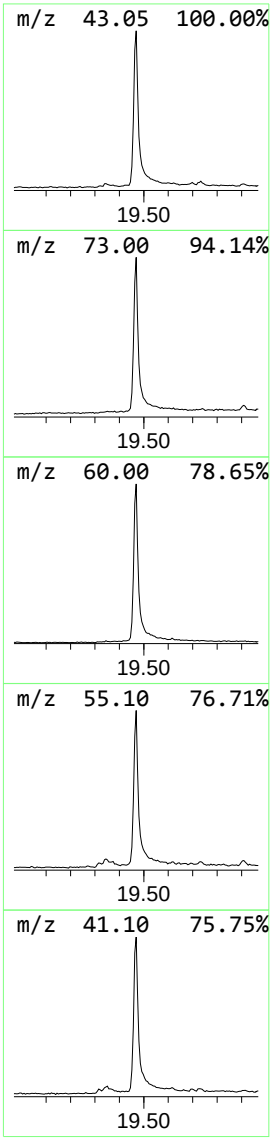
Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	17.49 ng	1496920	Chrysene-d12	21.468

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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





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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
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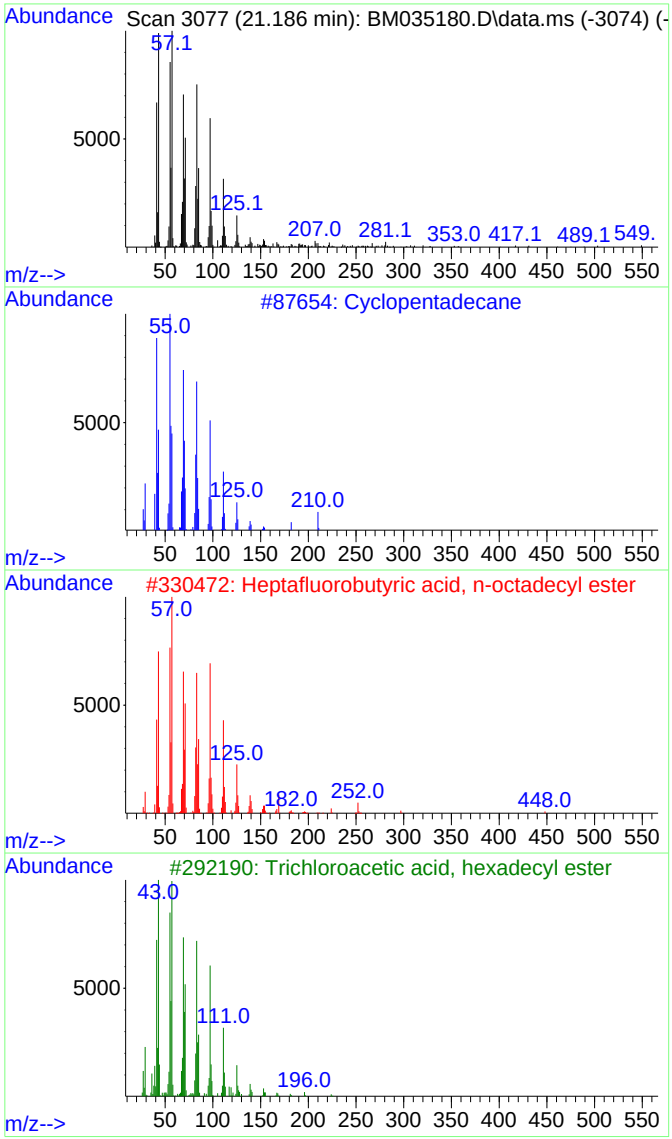
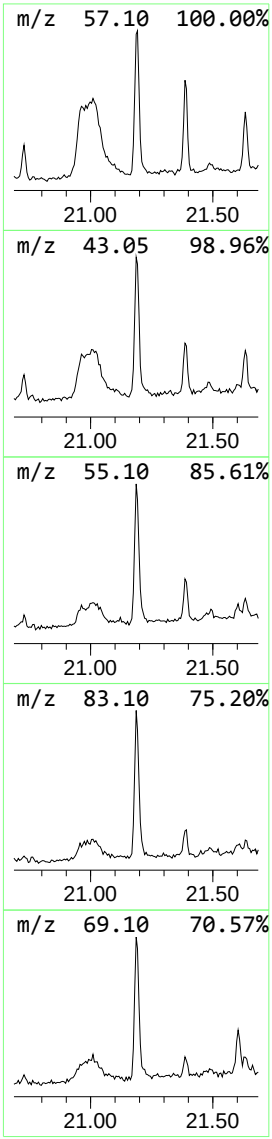
Peak Number 5 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	4.36 ng	373415	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Tentatively Identified Compound (LSC) summary

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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	5.7	ng	228151	2	10.704	806393	20.0
n-Hexadecanoic ...	18.186	13.1	ng	818638	4	17.286	1251850	20.0
Octadecanoic acid	19.468	17.5	ng	1496920	5	21.468	1712020	20.0
Cyclopentadecane	21.186	4.4	ng	373415	5	21.468	1712020	20.0