LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041366.D
Acq On : 10 Aug 2023 17:10
Operator : MA/JU
Sample : 03954-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-18

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: BM041366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	282	290	297	rBV	56618	86492	1.36%	0.259%
2	5.352	361	368	383	rBV	2166042	3151346	49.63%	9.430%
3	6.958	634	641	663	rBV	1820633	3055761	48.12%	9.144%
4	7.775	773	780	788	rBV	460476	738580	11.63%	2.210%
5	8.952	973	980	1005	rBV	1101916	1904545	29.99%	5.699%
6	10.581	1250	1257	1269	rBV	512082	933969	14.71%	2.795%
7	13.057	1671	1678	1704	rBV	2627388	4072008	64.13%	12.185%
8	13.334	1720	1725	1734	rVB2	33707	64504	1.02%	0.193%
9	14.440	1906	1913	1936	rBV	676909	1196106	18.84%	3.579%
10	15.945	2161	2169	2190	rBV	2429688	3780071	59.53%	11.312%
11	17.204	2377	2383	2401	rBV	938753	1450266	22.84%	4.340%
12	18.104	2531	2536	2556	rBV	790439	1400206	22.05%	4.190%
13	19.386	2750	2754	2769	rBV2	418623	780006	12.28%	2.334%
14	19.839	2826	2831	2842	rBV	5012811	6349902	100.00%	19.002%
15	20.639	2964	2967	2971	rBV2	74455	88898	1.40%	0.266%
16	21.110	3043	3047	3056	rBV	460670	635932	10.01%	1.903%
17	21.410	3094	3098	3111	rBV	1249982	1774748	27.95%	5.311%
18	21.551	3119	3122	3130	rBV2	88099	97186	1.53%	0.291%
19	23.780	3494	3501	3511	rBV	863966	1856589	29.24%	5.556%

Sum of corrected areas: 33417115

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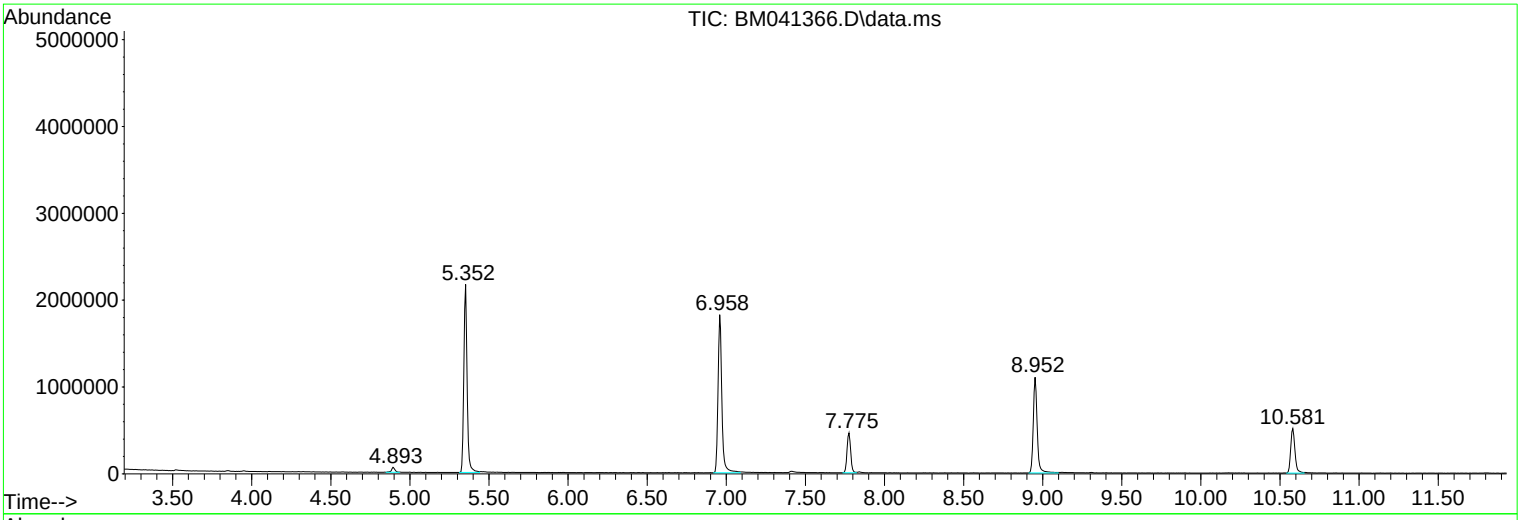
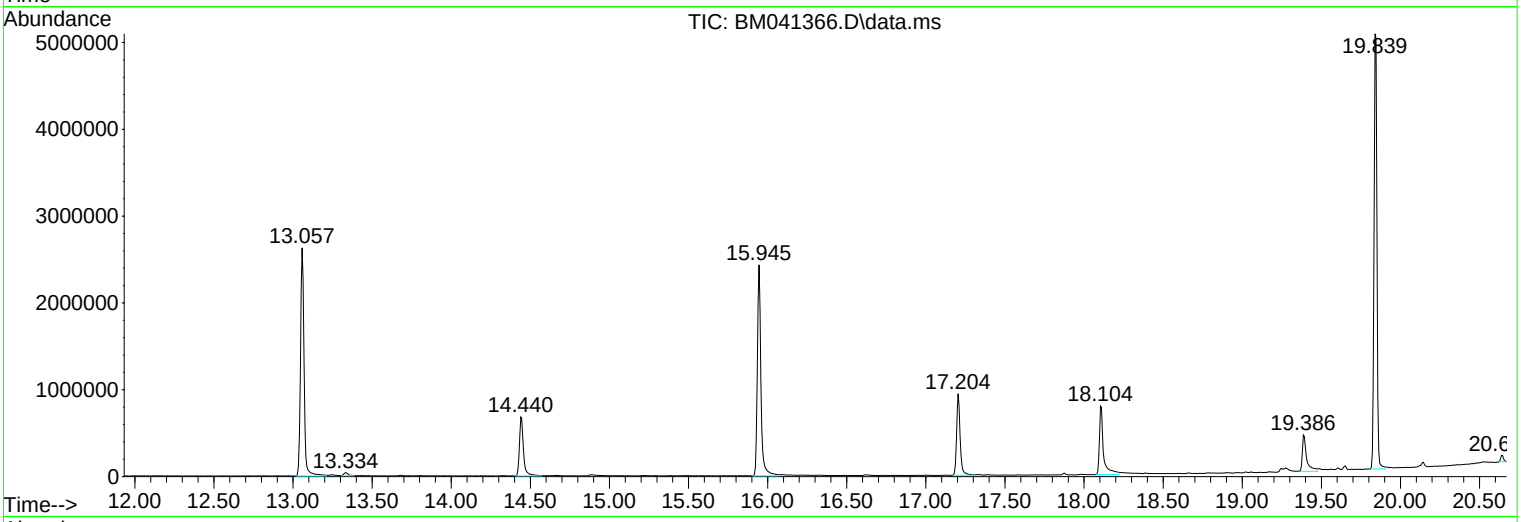
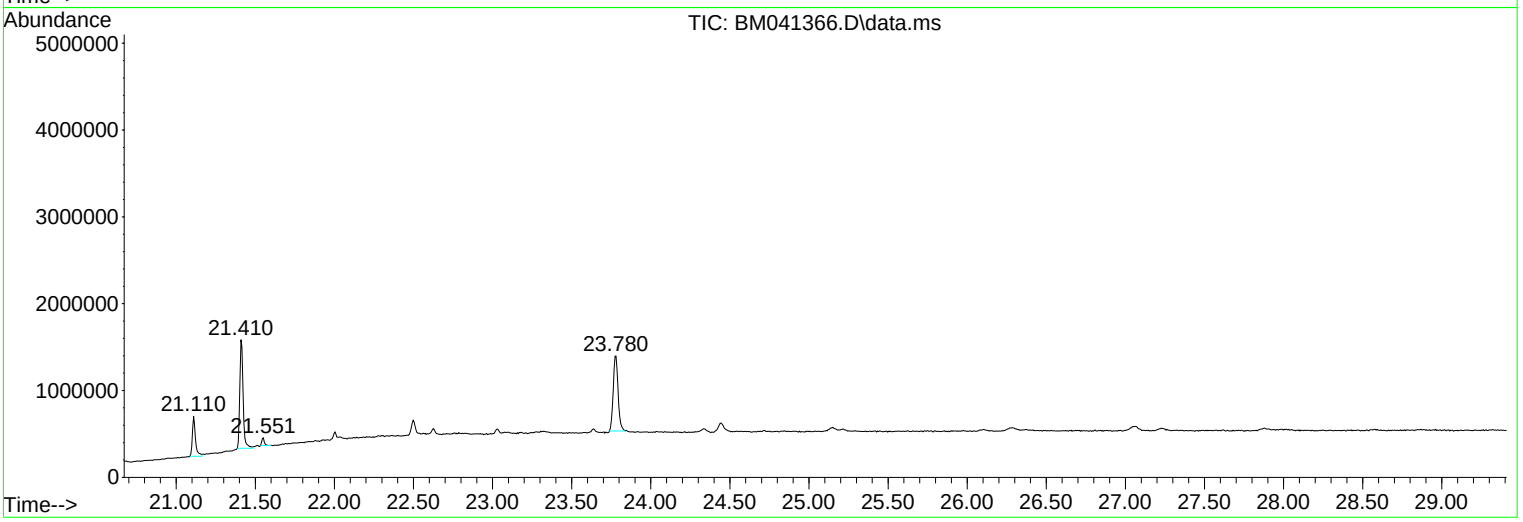
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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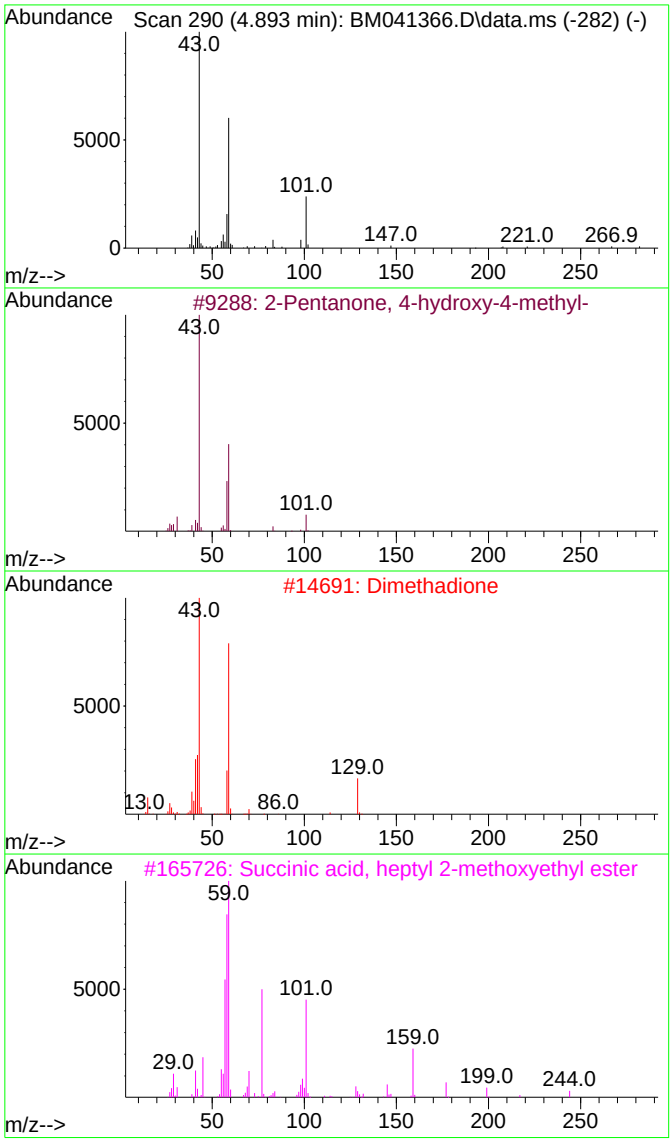
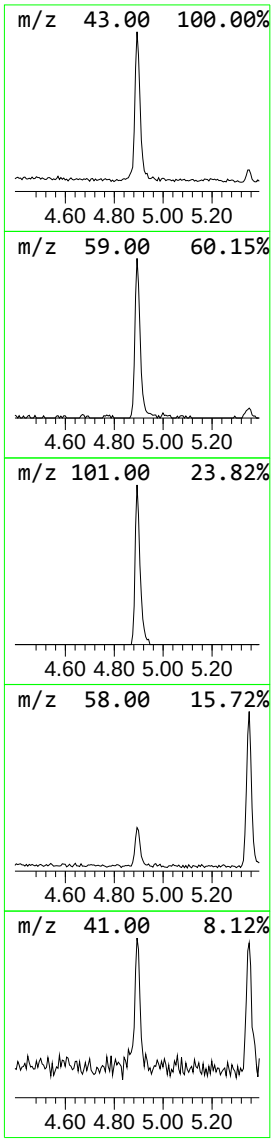
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	2.34 ng	86492	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Dimethadione	129	C5H7NO3	000695-53-4	38
3	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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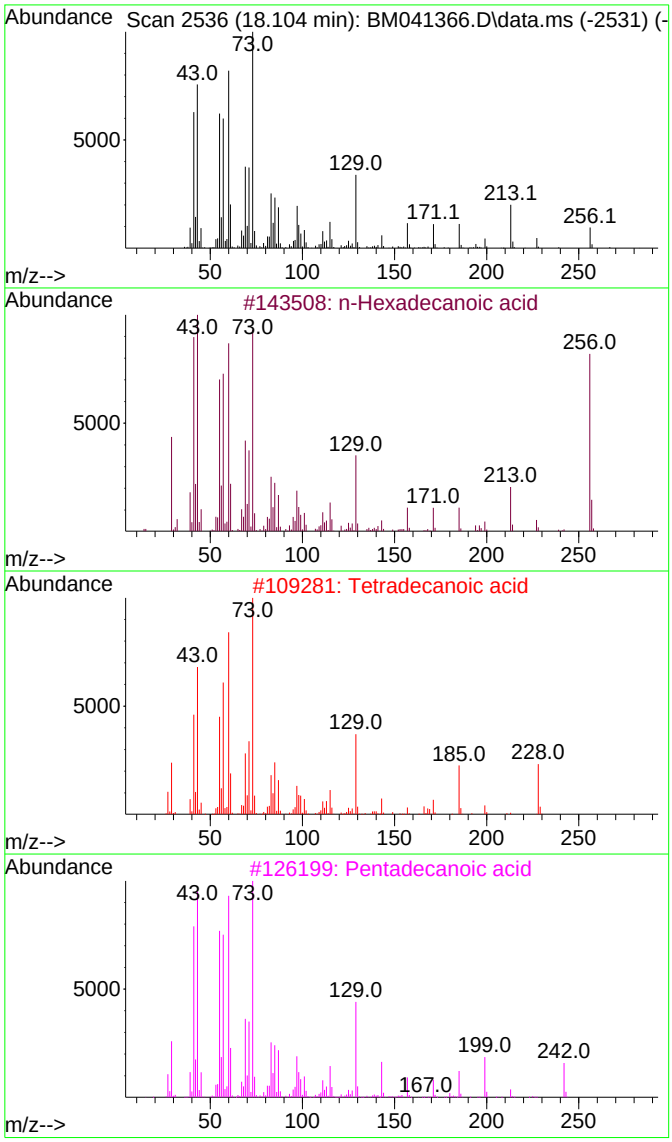
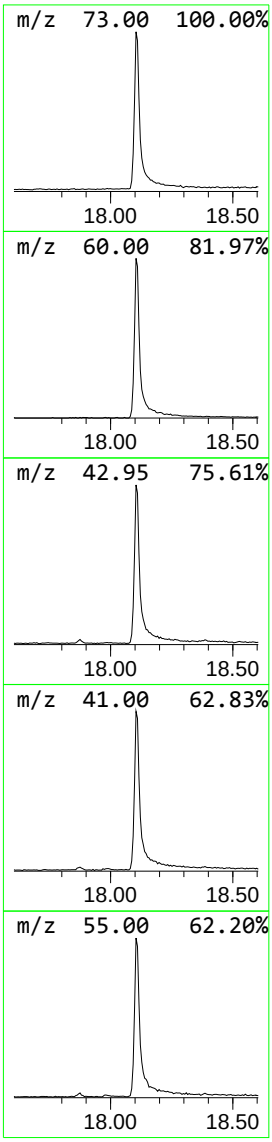
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	19.31 ng	1400210	Phenanthrene-d10	17.204

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	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	50





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Operator : MA/JU
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Instrument :
BNA_M
ClientSampleId :
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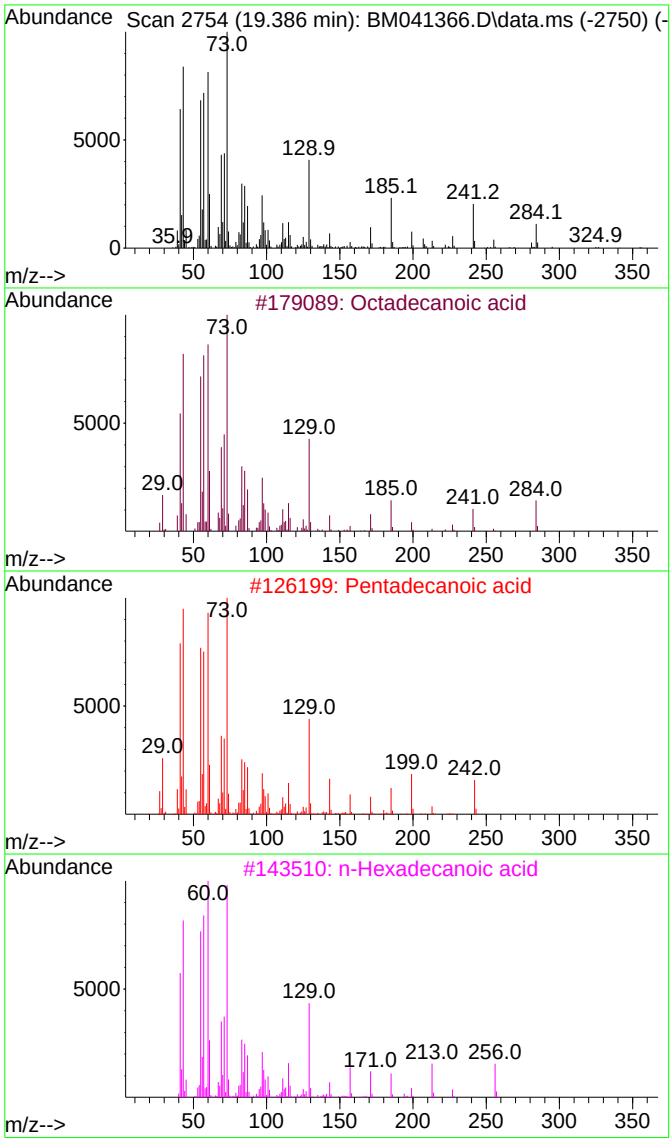
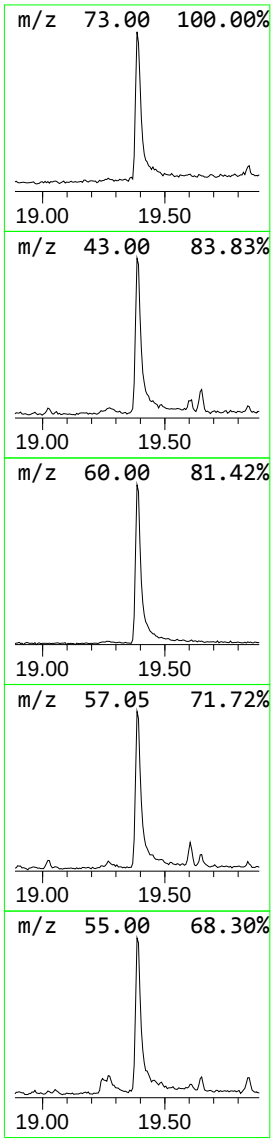
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	8.79 ng	780006	Chrysene-d12	21.410

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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BNA_M
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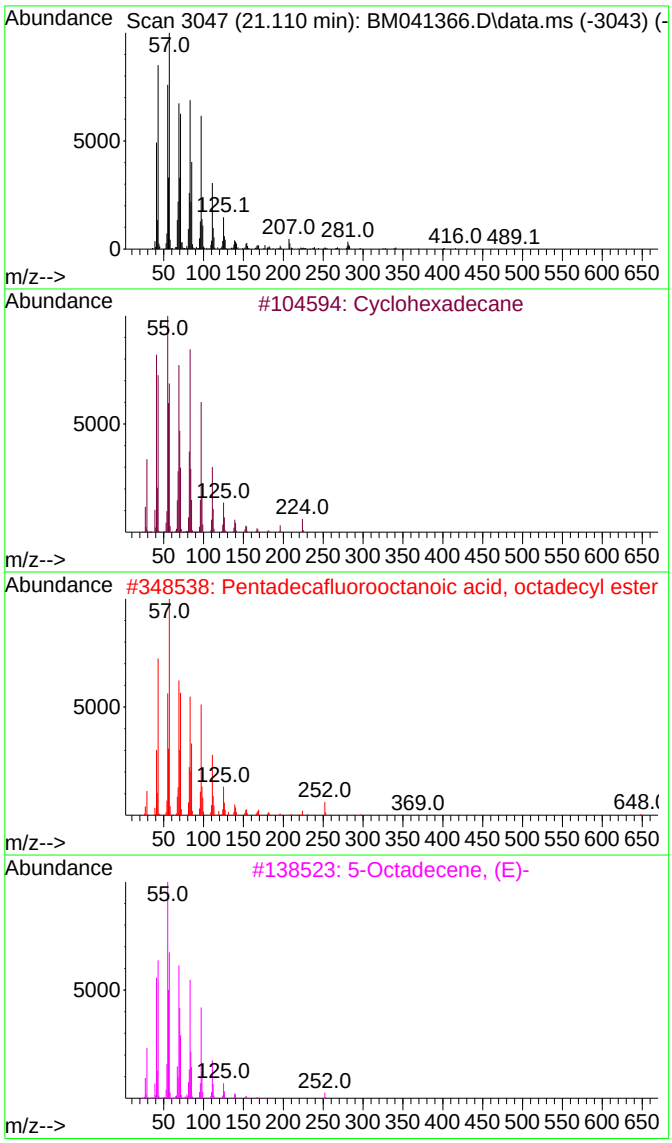
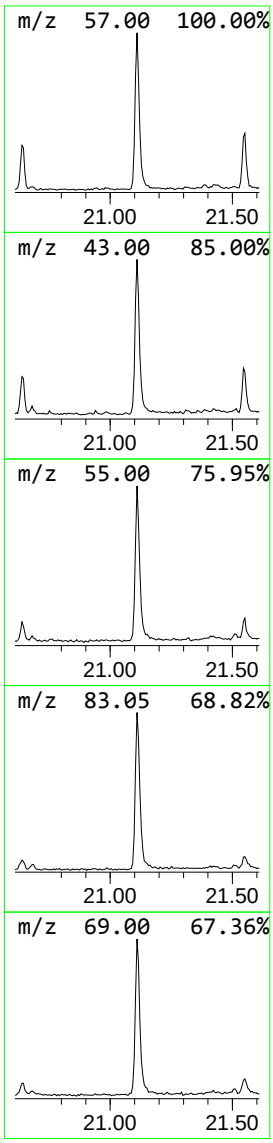
Peak Number 4 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	7.17 ng	635932	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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-...	4.893	2.3	ng	86492	1	7.775	738580	20.0
n-Hexadecanoic ...	18.104	19.3	ng	1400210	4	17.204	1450270	20.0
Octadecanoic acid	19.386	8.8	ng	780006	5	21.410	1774750	20.0
Cyclohexadecane	21.110	7.2	ng	635932	5	21.410	1774750	20.0