LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072222\
Data File : BM035905.D
Acq On : 22 Jul 2022 14:24
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

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-BM071822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035905.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	394	401	413	rBV	2650998	3721915	23.14%	5.282%
2	7.051	667	674	685	rBV	1407028	2112007	13.13%	2.997%
3	7.887	809	816	824	rBV	1240534	1900225	11.81%	2.697%
4	9.057	1006	1015	1028	rBV	3776841	6068230	37.72%	8.612%
5	10.692	1285	1293	1302	rBV	1538399	2541497	15.80%	3.607%
6	13.157	1704	1712	1718	rBV	8571965	12308714	76.52%	17.469%
7	14.522	1937	1944	1957	rBV	2029441	2937277	18.26%	4.169%
8	16.004	2190	2196	2207	rBV	5891984	8372145	52.05%	11.882%
9	17.263	2403	2410	2416	rBV	2165349	3102799	19.29%	4.404%
10	17.380	2427	2430	2437	rVB3	111519	171716	1.07%	0.244%
11	18.162	2554	2563	2573	rBV	735337	1208393	7.51%	1.715%
12	18.433	2599	2609	2615	rBV2	182593	544289	3.38%	0.772%
13	19.439	2776	2780	2789	rBV	299144	450410	2.80%	0.639%
14	19.715	2821	2827	2836	rVB	318054	647909	4.03%	0.920%
15	19.886	2850	2856	2866	rBV	13668096	16085778	100.00%	22.829%
16	20.645	2979	2985	2991	rBV3	354654	731454	4.55%	1.038%
17	21.392	3107	3112	3115	rBV	306706	502893	3.13%	0.714%
18	21.439	3115	3120	3129	rVB	2524515	3187249	19.81%	4.523%
19	22.109	3231	3234	3241	rVB	270593	403821	2.51%	0.573%
20	23.809	3516	3523	3532	rBV2	1747229	3462468	21.53%	4.914%

Sum of corrected areas: 70461189

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Instrument :
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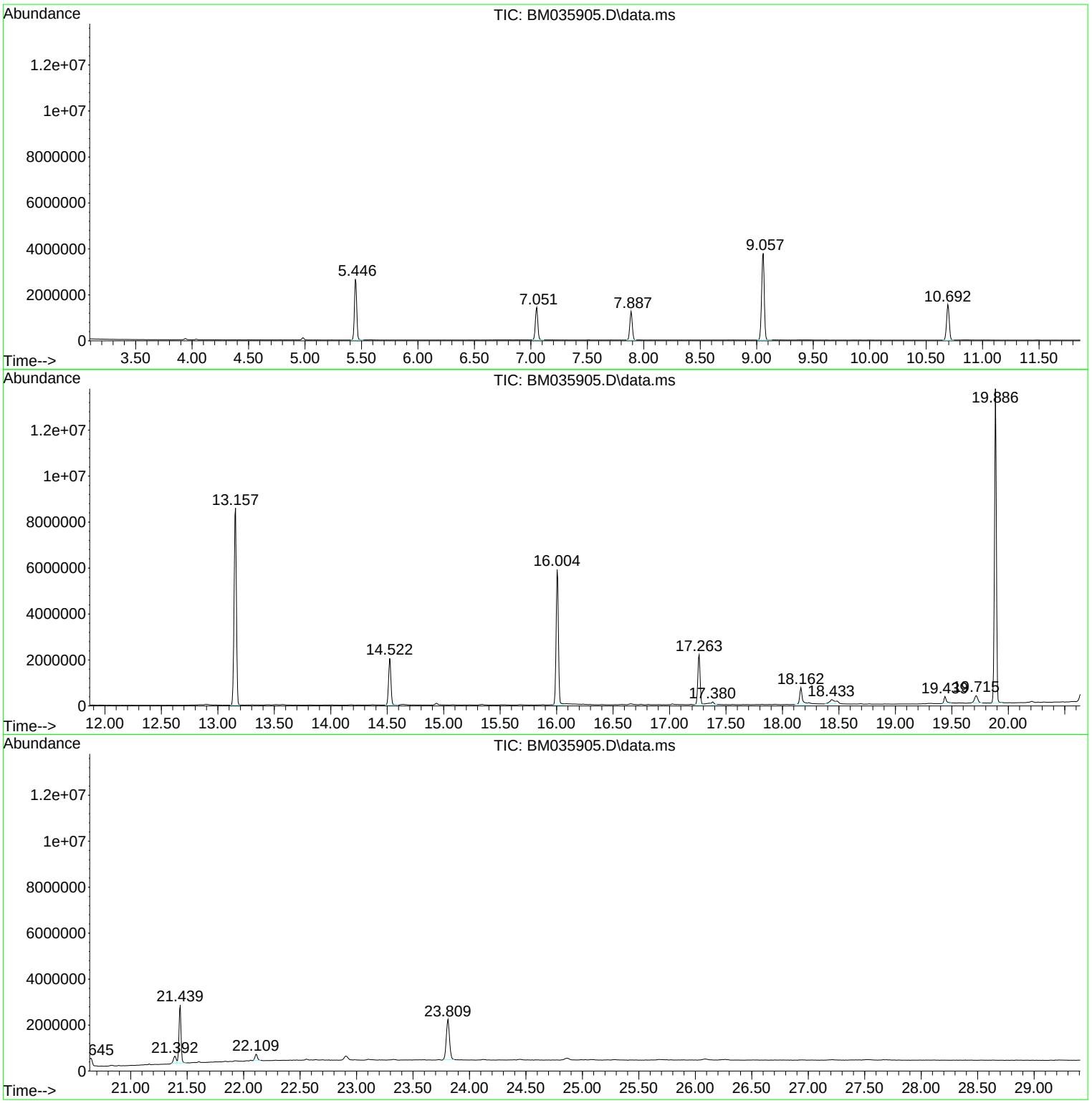
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.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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Acq On : 22 Jul 2022 14:24
Operator : CG/JU
Sample : N3742-03
Misc :
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TIC Library : C:\Database\NIST20.L
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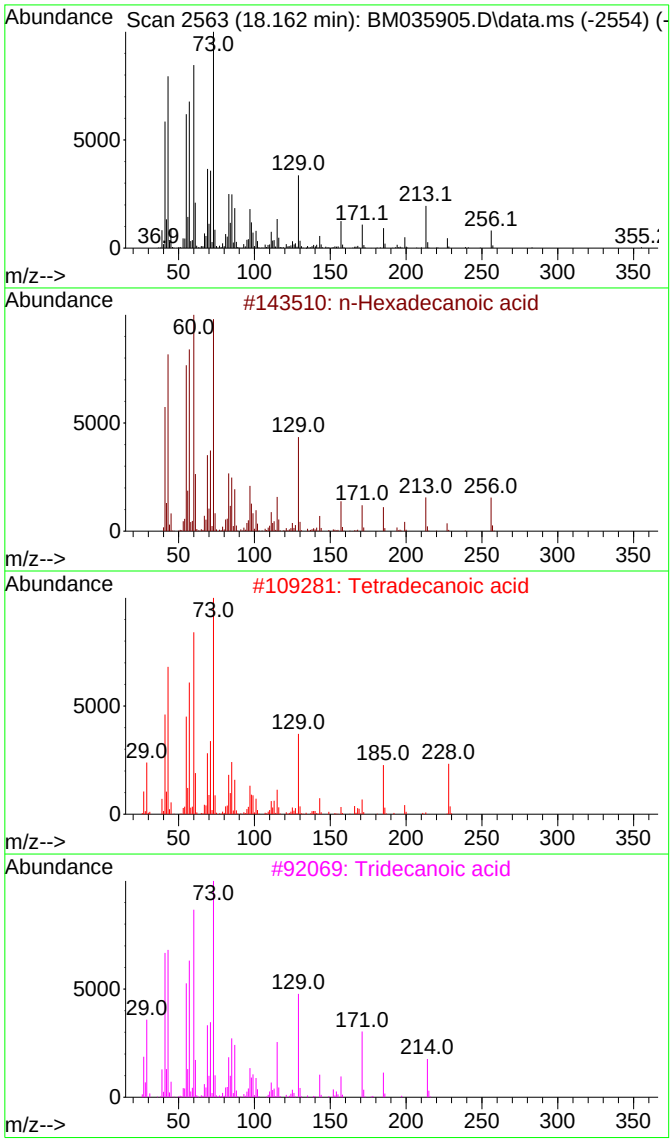
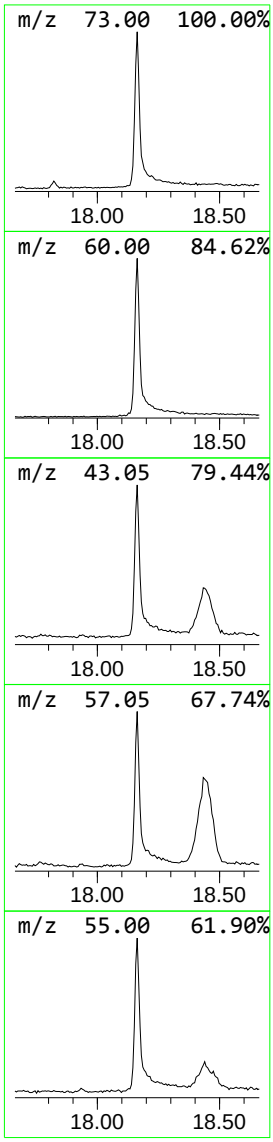
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	7.79 ng	1208390	Phenanthrene-d10	17.262

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	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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BNA_M
ClientSampleId :
SP-303-20220714

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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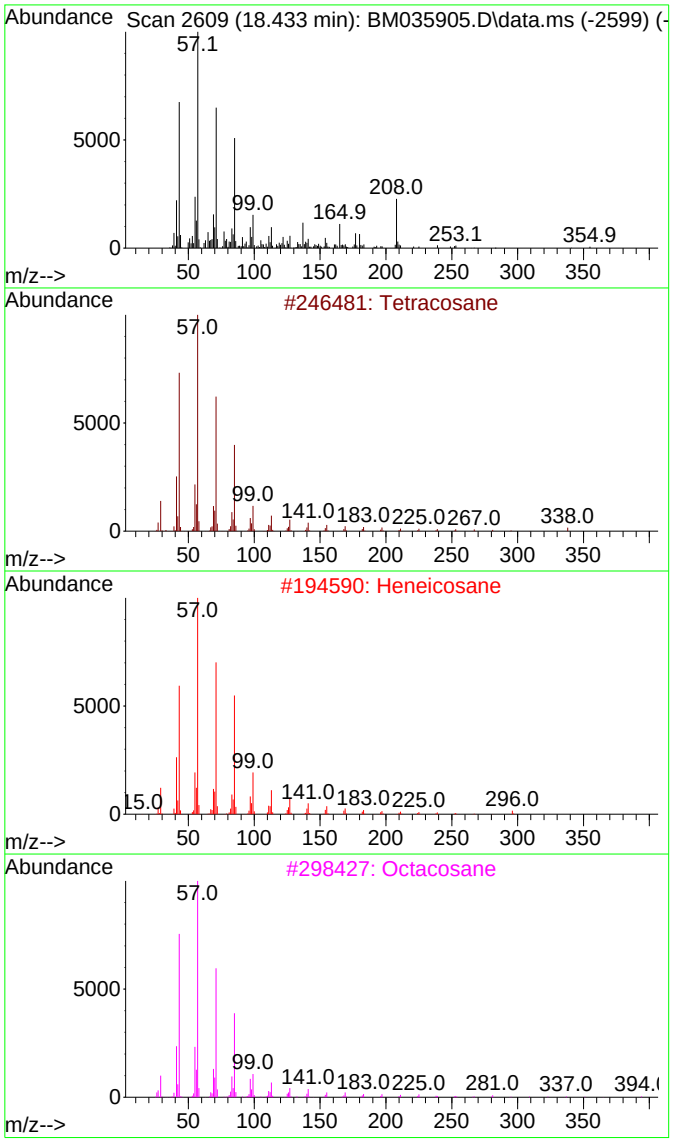
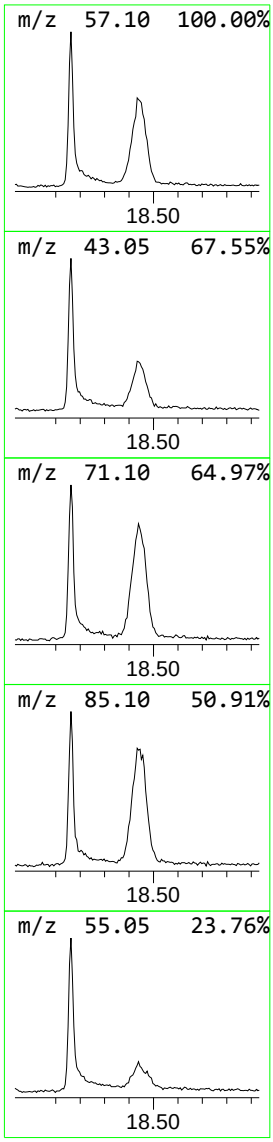
Peak Number 2 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	3.51 ng	544289	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	76
2	Heneicosane	296	C21H44	000629-94-7	70
3	Octacosane	394	C28H58	000630-02-4	68
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	64
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	62





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Data File : BM035905.D
Acq On : 22 Jul 2022 14:24
Operator : CG/JU
Sample : N3742-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
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TIC Library : C:\Database\NIST20.L
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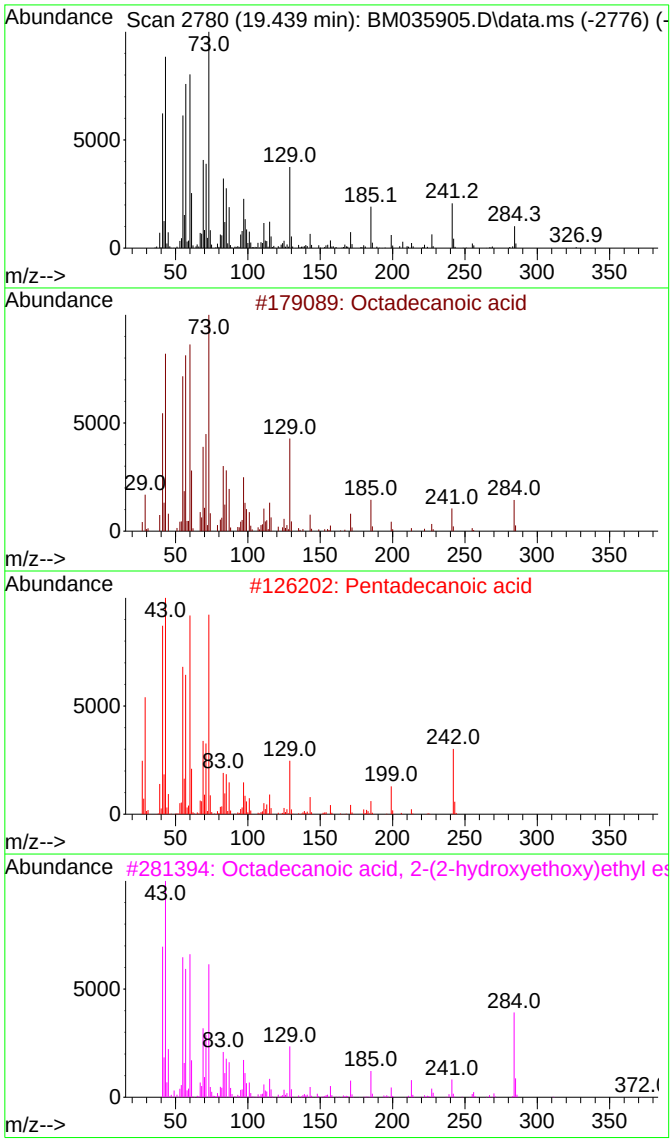
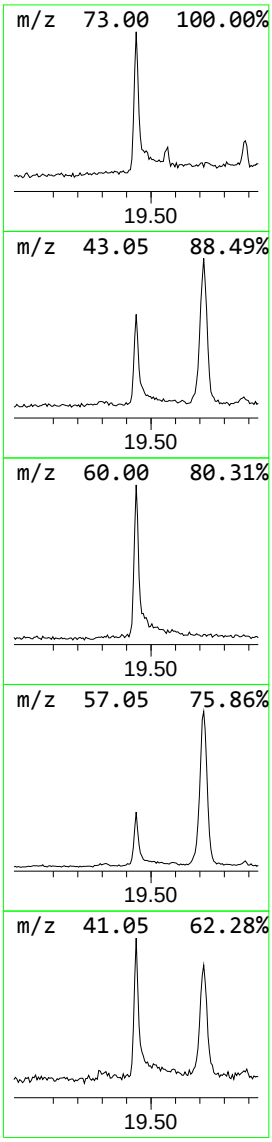
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	2.83 ng	450410	Chrysene-d12	21.439

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	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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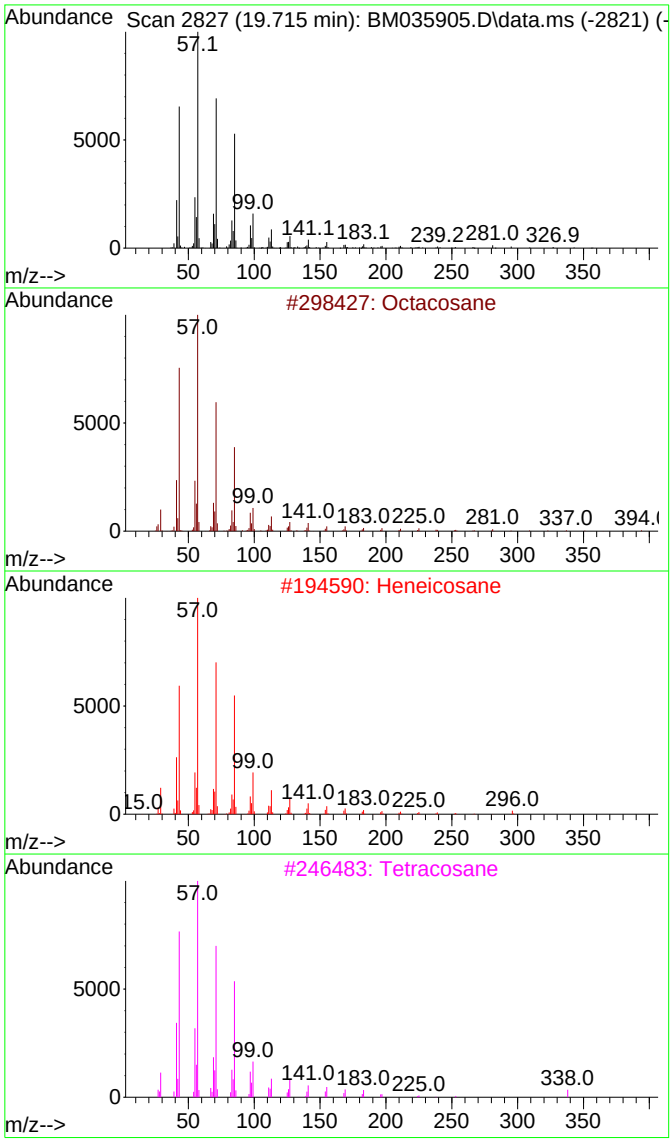
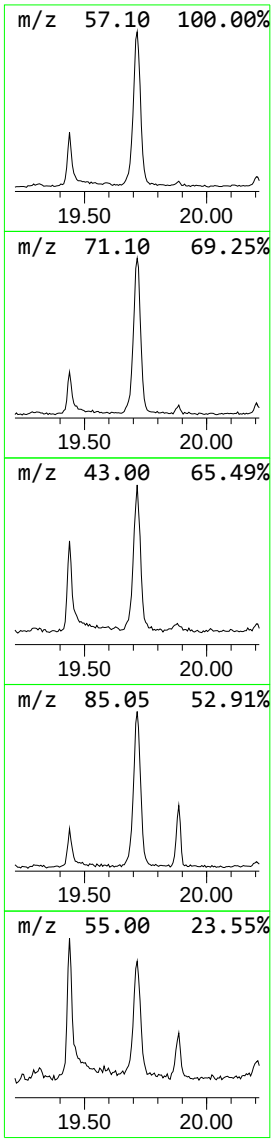
Peak Number 4 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.715	4.07 ng	647909	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Nonadecane	268	C19H40	000629-92-5	90





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Sample : N3742-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.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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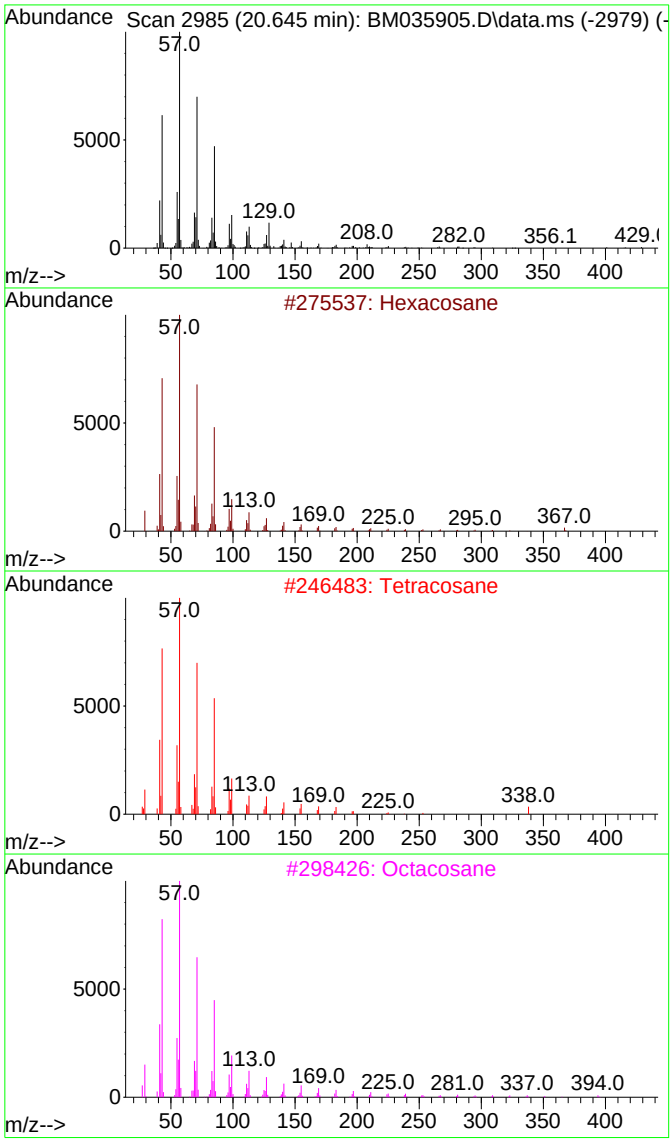
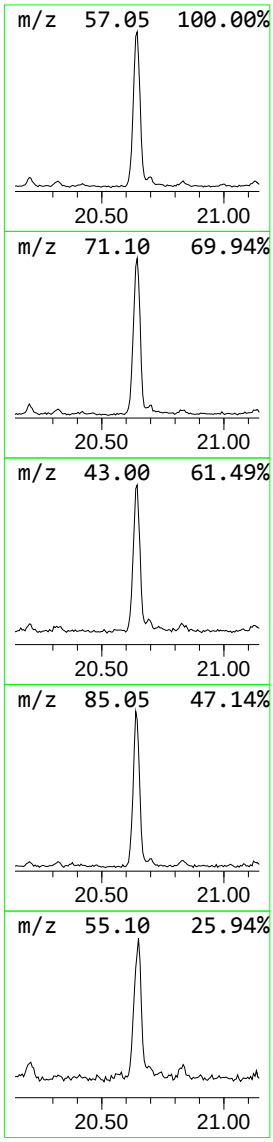
Peak Number 5 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.645	4.59 ng	731454	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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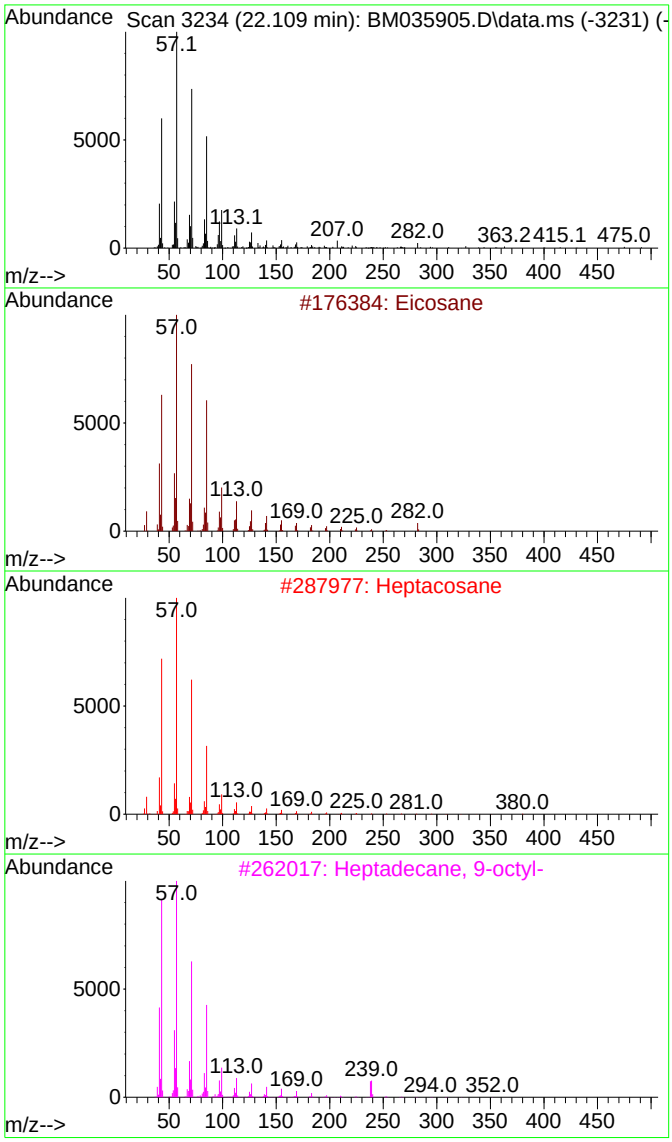
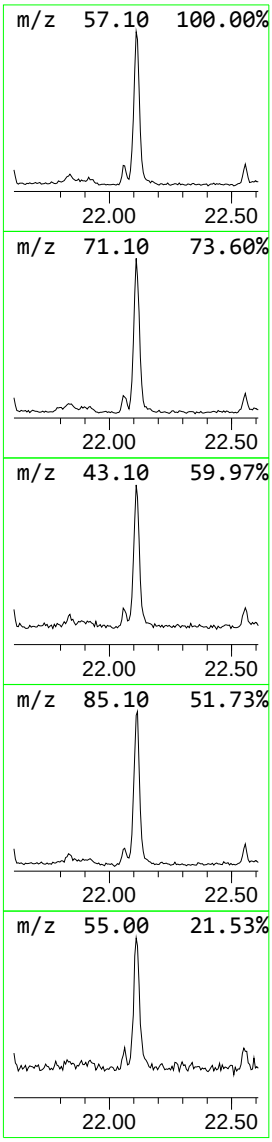
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.109	2.53 ng	403821	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
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
n-Hexadecanoic ...	18.163	7.8	ng	1208390	4	17.262	3102800	20.0
Tetracosane	18.433	3.5	ng	544289	4	17.262	3102800	20.0
Octadecanoic acid	19.439	2.8	ng	450410	5	21.439	3187250	20.0
Octacosane	19.715	4.1	ng	647909	5	21.439	3187250	20.0
Hexacosane	20.645	4.6	ng	731454	5	21.439	3187250	20.0
Eicosane	22.109	2.5	ng	403821	5	21.439	3187250	20.0