LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
Data File : BM047213.D
Acq On : 15 Aug 2024 13:31
Operator : RC/JU
Sample : P3506-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT4534

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.575	281	287	295	rBV	316831	423430	6.10%	0.990%
2	5.016	356	362	376	rBV	2537897	3592189	51.73%	8.401%
3	6.575	620	627	649	rBV	2425644	3753846	54.06%	8.779%
4	7.363	755	761	771	rVB	919809	1402425	20.20%	3.280%
5	8.510	949	956	967	rBV	1570319	2497857	35.97%	5.841%
6	10.122	1221	1230	1243	rBV	1085538	1821905	26.24%	4.261%
7	10.887	1352	1360	1367	rBV	62517	141413	2.04%	0.331%
8	12.634	1649	1657	1668	rBV	3667547	5551206	79.94%	12.982%
9	14.022	1887	1893	1902	rBV	1542486	2267067	32.65%	5.302%
10	15.527	2144	2149	2160	rBV	2696547	3963500	57.07%	9.269%
11	15.816	2194	2198	2206	rVB2	132807	195287	2.81%	0.457%
12	16.004	2226	2230	2237	rBV	94422	138172	1.99%	0.323%
13	16.192	2259	2262	2266	rVB4	95888	123072	1.77%	0.288%
14	16.633	2334	2337	2342	rVB	189776	270131	3.89%	0.632%
15	16.786	2358	2363	2367	rBV	1797758	2444571	35.20%	5.717%
16	16.827	2367	2370	2376	rVB	137199	200605	2.89%	0.469%
17	17.721	2519	2522	2530	rBV	482498	697950	10.05%	1.632%
18	19.021	2740	2743	2752	rBV2	271299	429961	6.19%	1.006%
19	19.451	2811	2816	2822	rVB	5737313	6944386	100.00%	16.240%
20	20.768	3037	3040	3049	rVB2	298632	528157	7.61%	1.235%
21	20.968	3071	3074	3078	rBV	246138	281218	4.05%	0.658%
22	21.021	3079	3083	3090	rVB	1844485	2406655	34.66%	5.628%
23	23.715	3534	3541	3551	rVB	1177597	2685557	38.67%	6.280%

Sum of corrected areas: 42760560

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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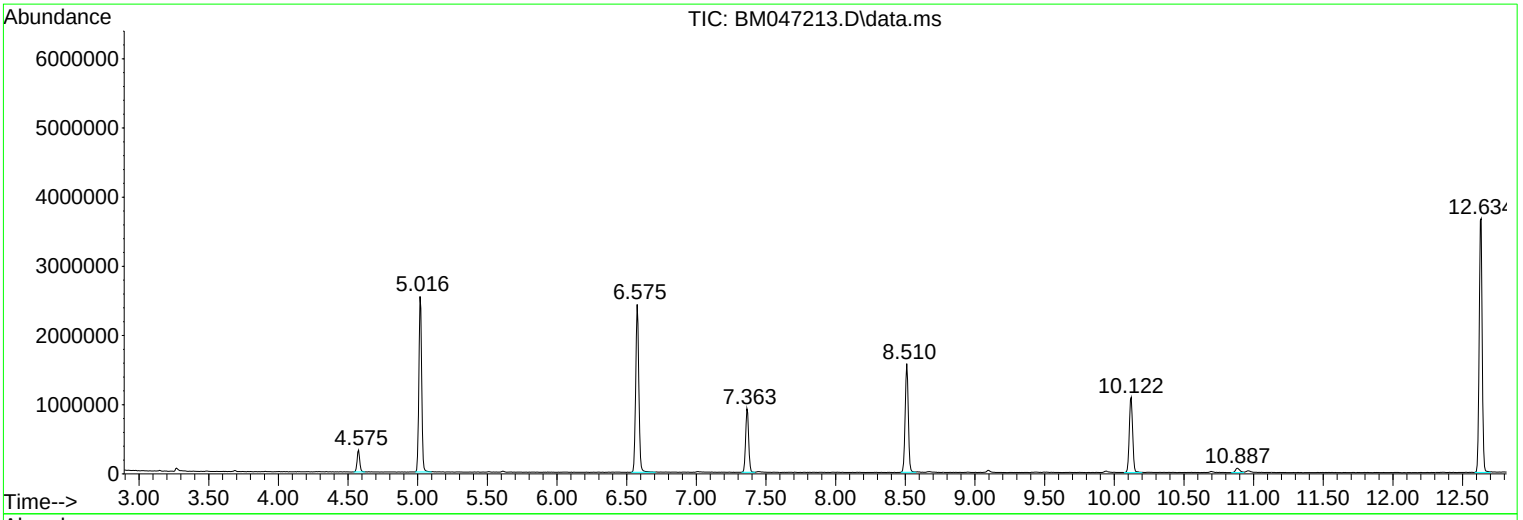
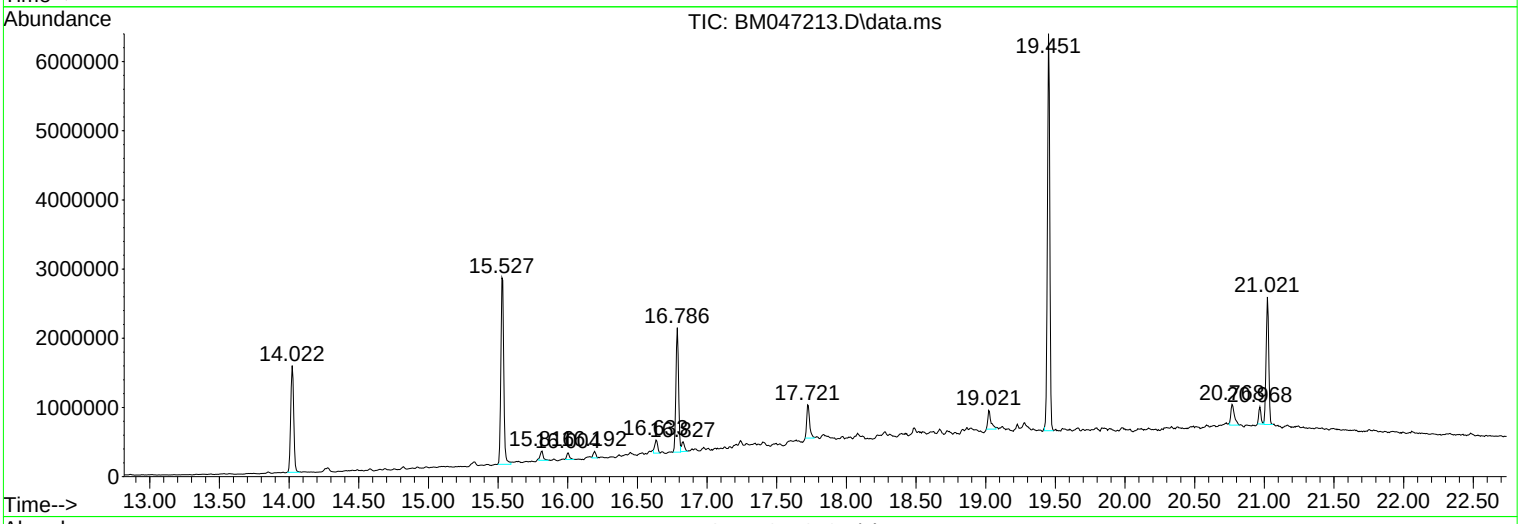
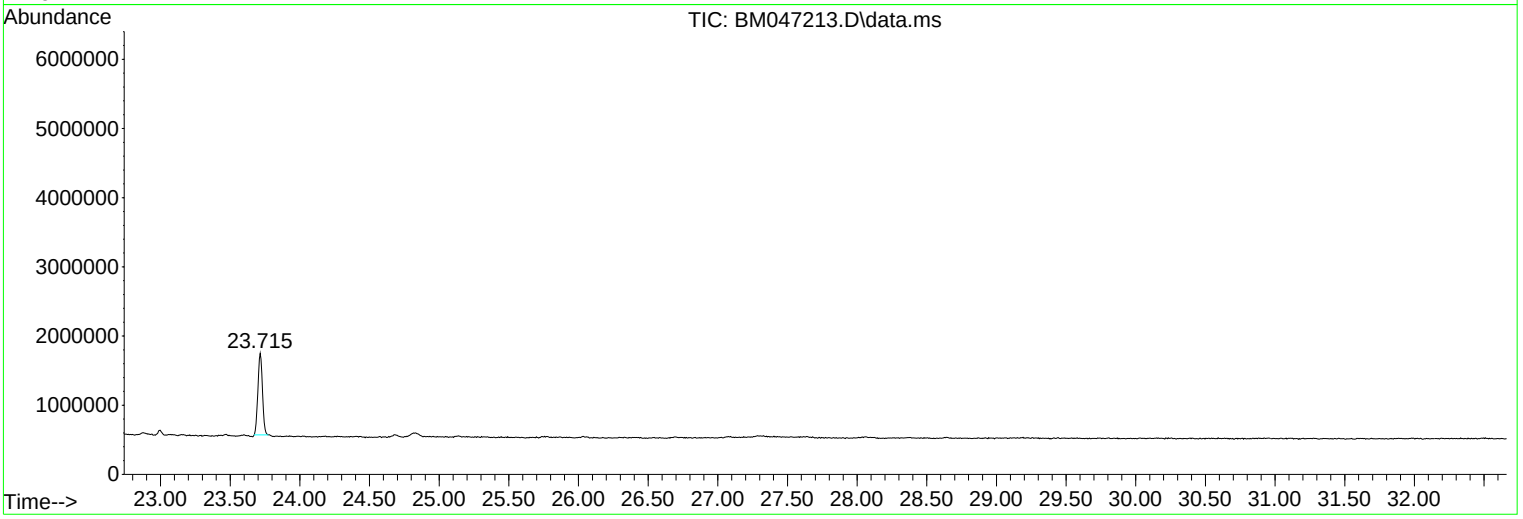
ClientSampleId :
RT4534

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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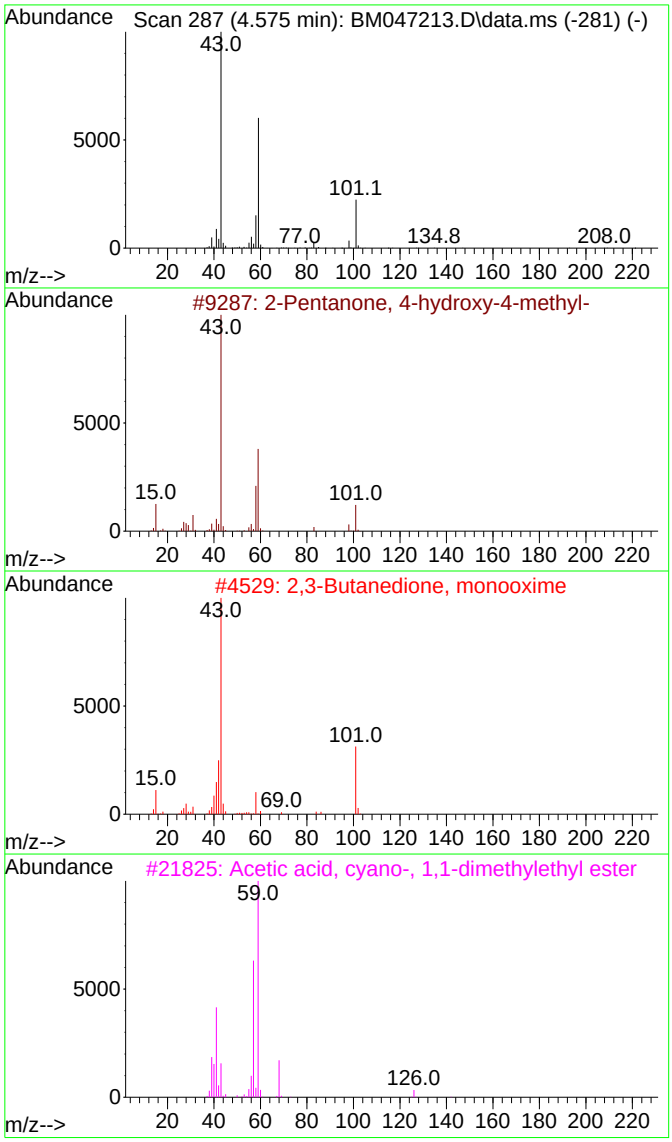
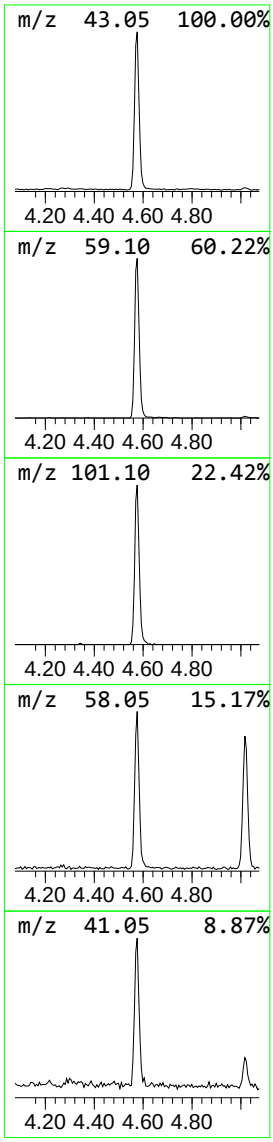
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.575	6.04 ng	423430	1,4-Dichlorobenzene-d4	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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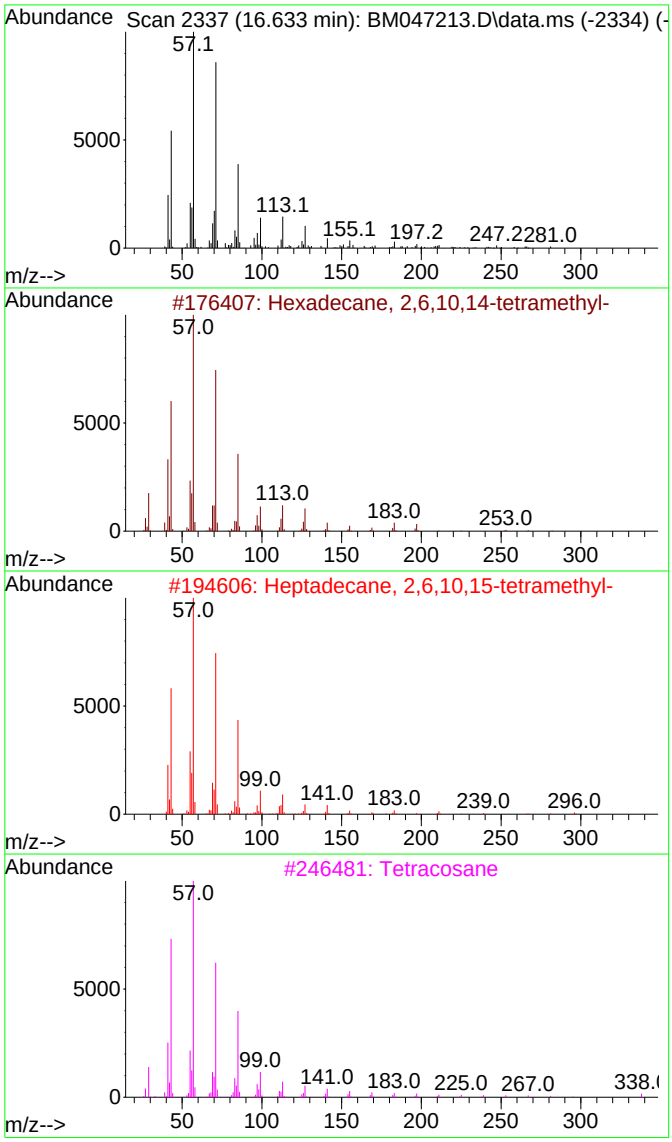
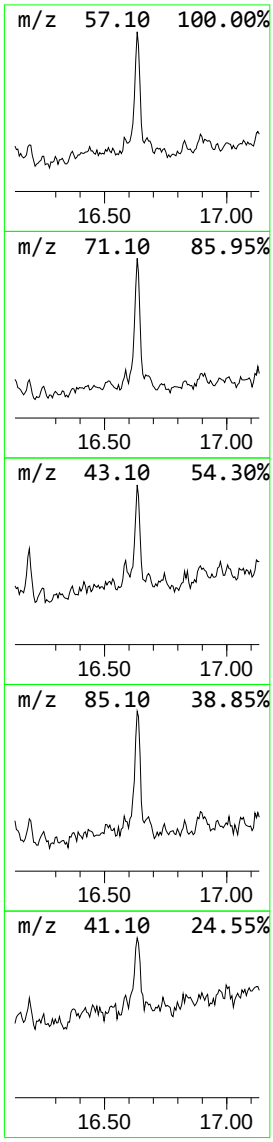
****
Peak Number 2 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	2.21 ng	270131	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Triacontane	422	C30H62	000638-68-6	83





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Misc :
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BNA_M
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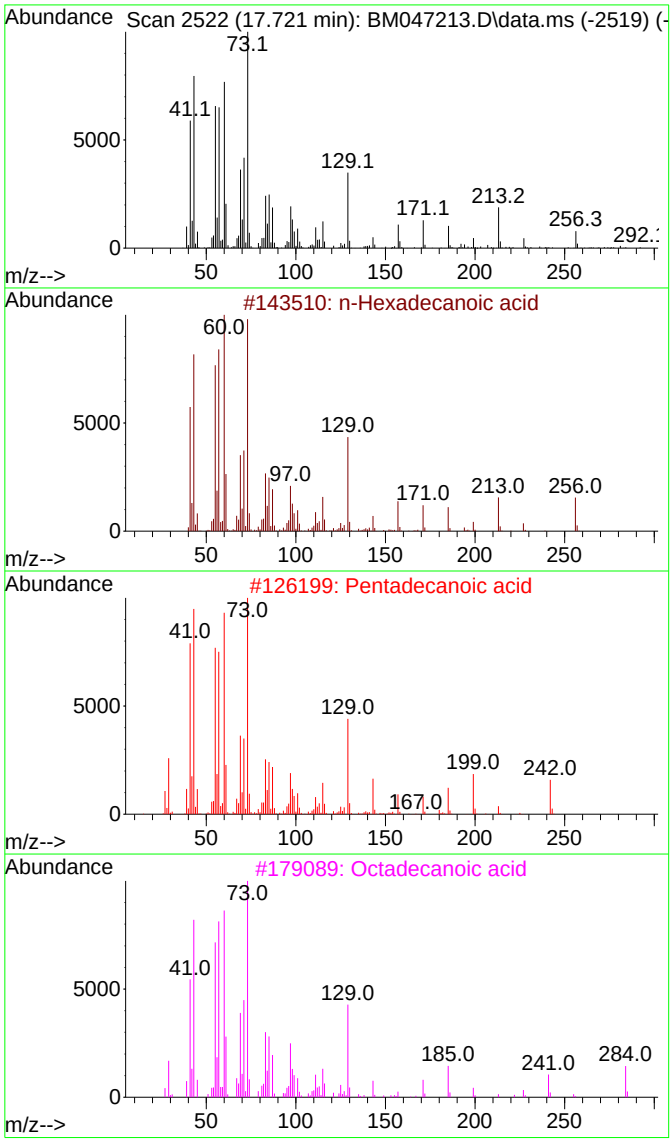
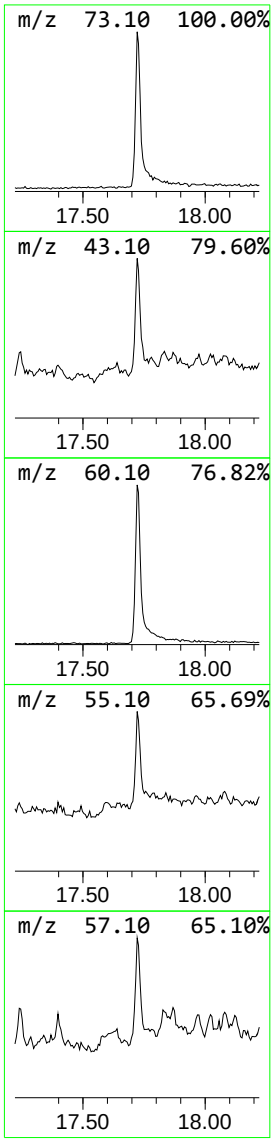
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.721	5.71 ng	697950	Phenanthrene-d10	16.786

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	81
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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Sample : P3506-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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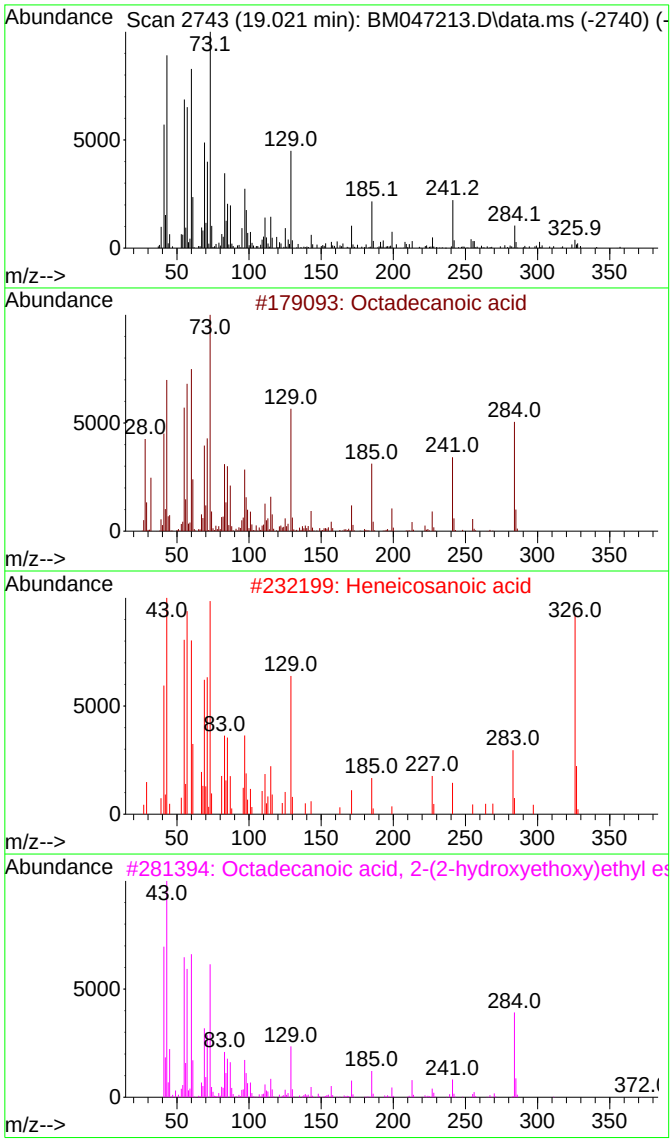
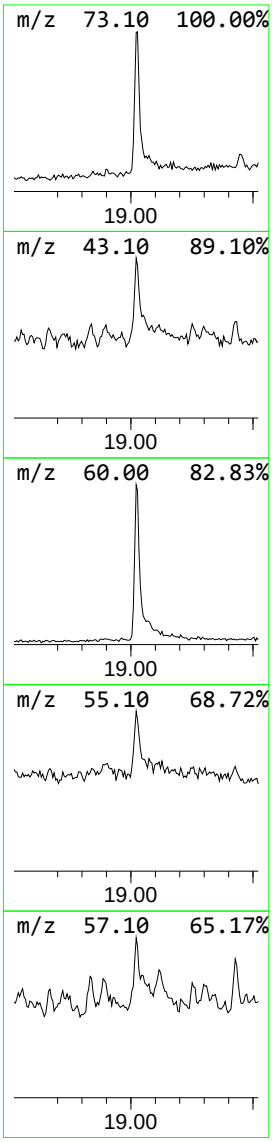
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	3.57 ng	429961	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Heneicosanoic acid	326	C21H42O2	002363-71-5	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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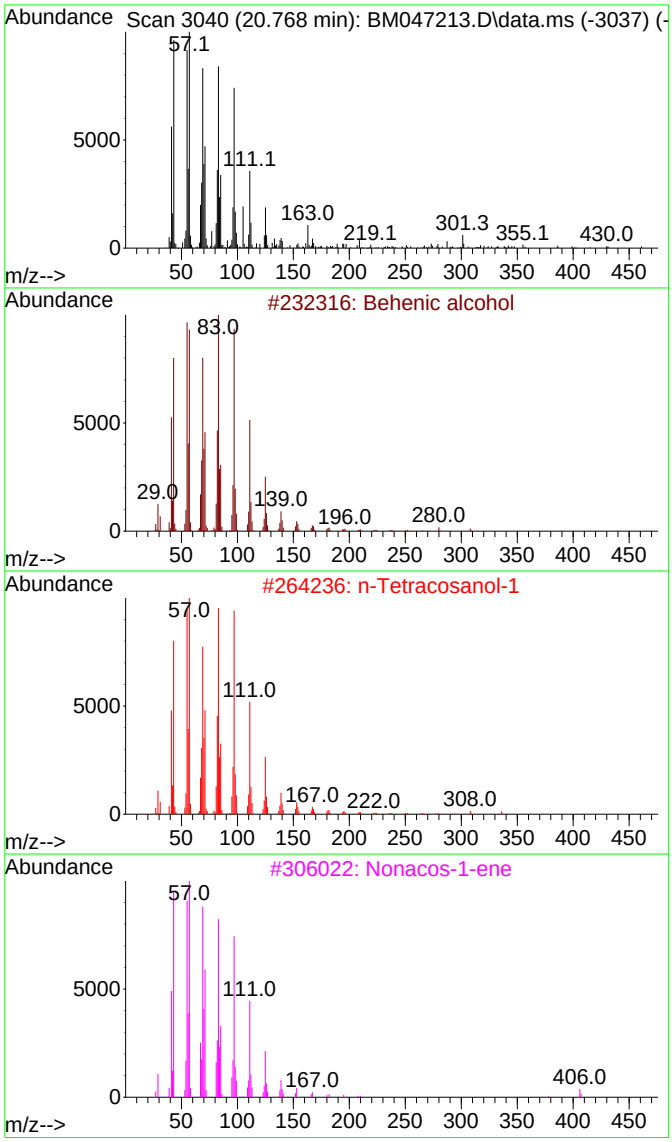
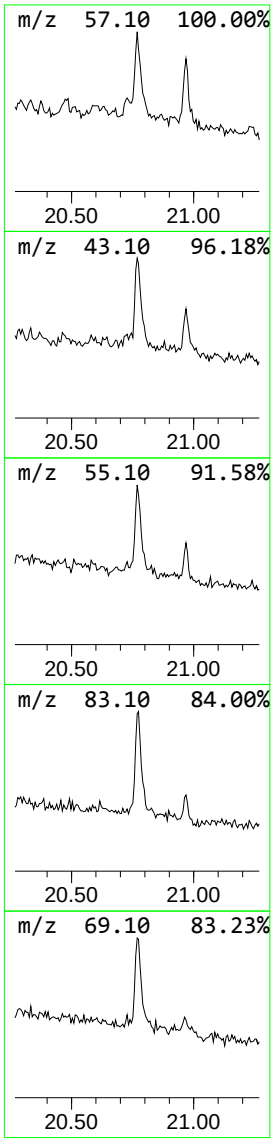
****

Peak Number 5 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.768	4.39 ng	528157	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Nonacos-1-ene	406	C29H58	018835-35-3	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.575	6.0	ng	423430	1	7.363	1402430	20.0
Hexadecane, 2,6...	16.633	2.2	ng	270131	4	16.786	2444570	20.0
n-Hexadecanoic ...	17.721	5.7	ng	697950	4	16.786	2444570	20.0
Octadecanoic acid	19.021	3.6	ng	429961	5	21.021	2406660	20.0
Behenic alcohol	20.768	4.4	ng	528157	5	21.021	2406660	20.0