LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011009.D
Acq On : 27 Jul 2017 14:12
Operator : SJ/JU
Sample : I4418-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-B3-B4-B5-B6

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:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.587	301	306	312	rBV	286256	379940	2.40%	0.420%
2	5.028	375	381	393	rVB	4586913	6164040	38.98%	6.806%
3	6.587	639	646	656	rBV	4918375	7415747	46.90%	8.188%
4	6.928	697	704	712	rBV	4566051	6875836	43.49%	7.592%
5	7.386	775	782	791	rBV	1103763	1676621	10.60%	1.851%
6	7.704	828	836	846	rVB	3241777	5022753	31.77%	5.546%
7	8.533	969	977	987	rBV	3027321	4783106	30.25%	5.281%
8	10.145	1244	1251	1259	rBV	1429202	2279282	14.42%	2.517%
9	12.657	1671	1678	1687	rBV	8110205	11383459	72.00%	12.569%
10	13.515	1818	1824	1834	rBV	692455	934436	5.91%	1.032%
11	14.045	1906	1914	1922	rBV2	2155853	3161033	19.99%	3.490%
12	15.551	2163	2170	2181	rBV	7387860	10165573	64.29%	11.224%
13	16.804	2377	2383	2389	rBV	2831052	3796615	24.01%	4.192%
14	17.733	2536	2541	2550	rBV	825385	1128909	7.14%	1.246%
15	19.033	2757	2762	2778	rBV2	1280500	1797037	11.37%	1.984%
16	19.468	2830	2836	2841	rBV	13670709	15811381	100.00%	17.458%
17	20.774	3055	3058	3066	rVB7	157622	278692	1.76%	0.308%
18	21.021	3095	3100	3107	rVB	3370796	4017713	25.41%	4.436%
19	23.133	3453	3459	3468	rVB	1913440	3495481	22.11%	3.860%

Sum of corrected areas: 90567654

LSC Report - Integrated Chromatogram

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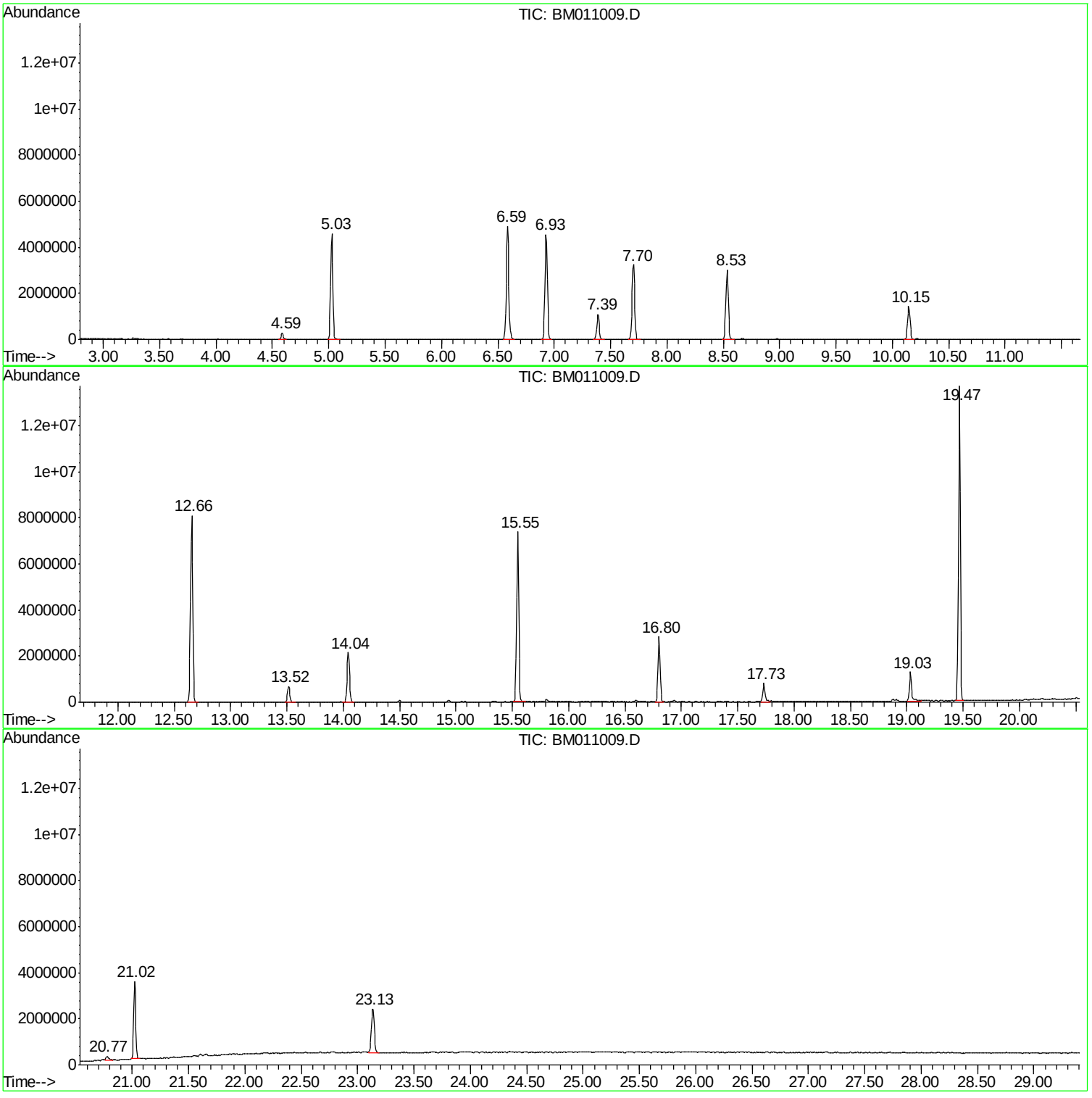
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-B3-B4-B5-B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-B3-B4-B5-B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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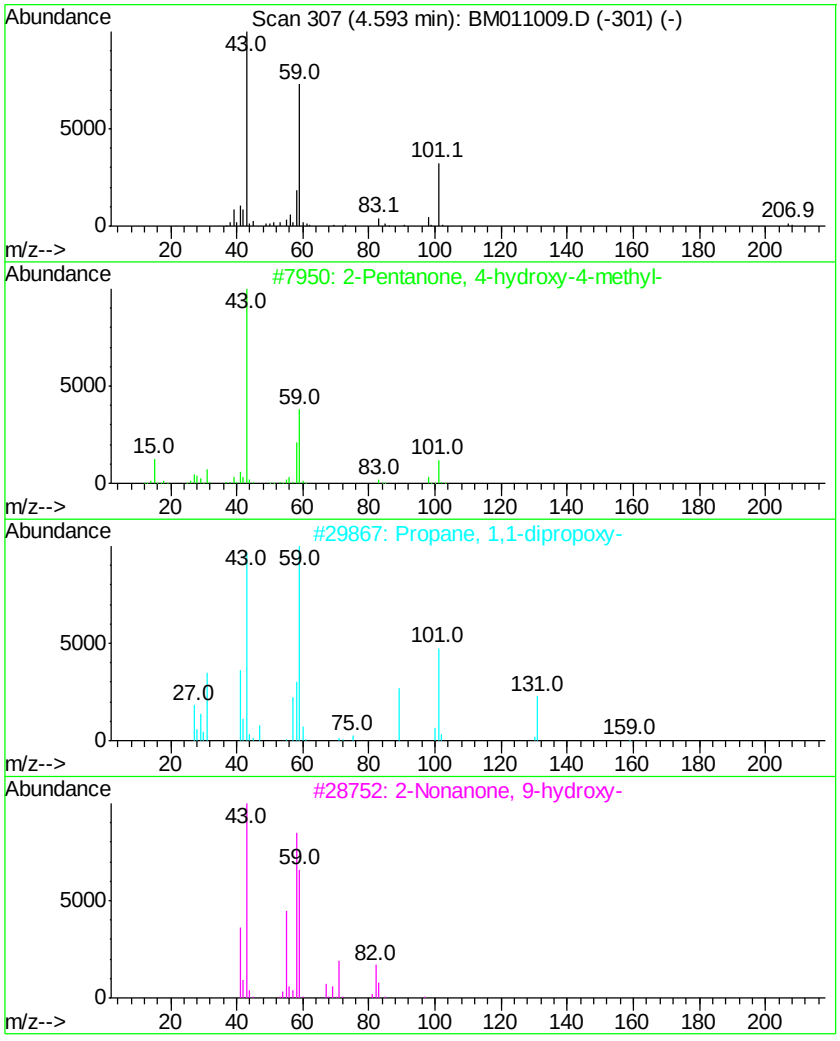
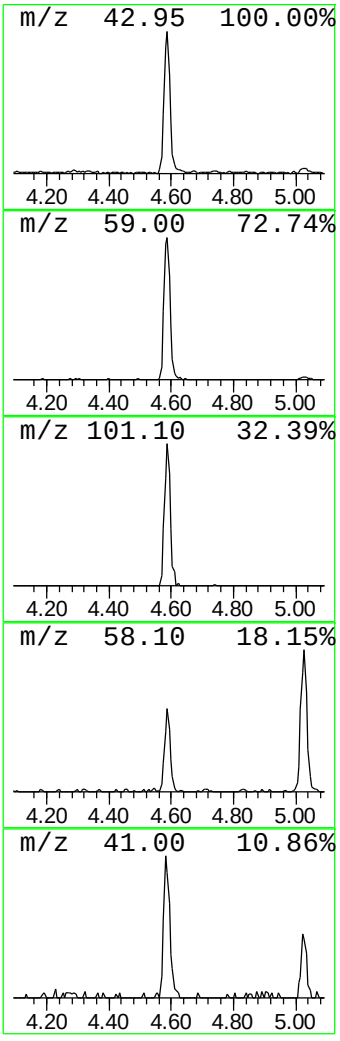
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	4.53 ng	379940	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	25





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ClientSampleId : FK-BPM-01-B3-B4-B5-B6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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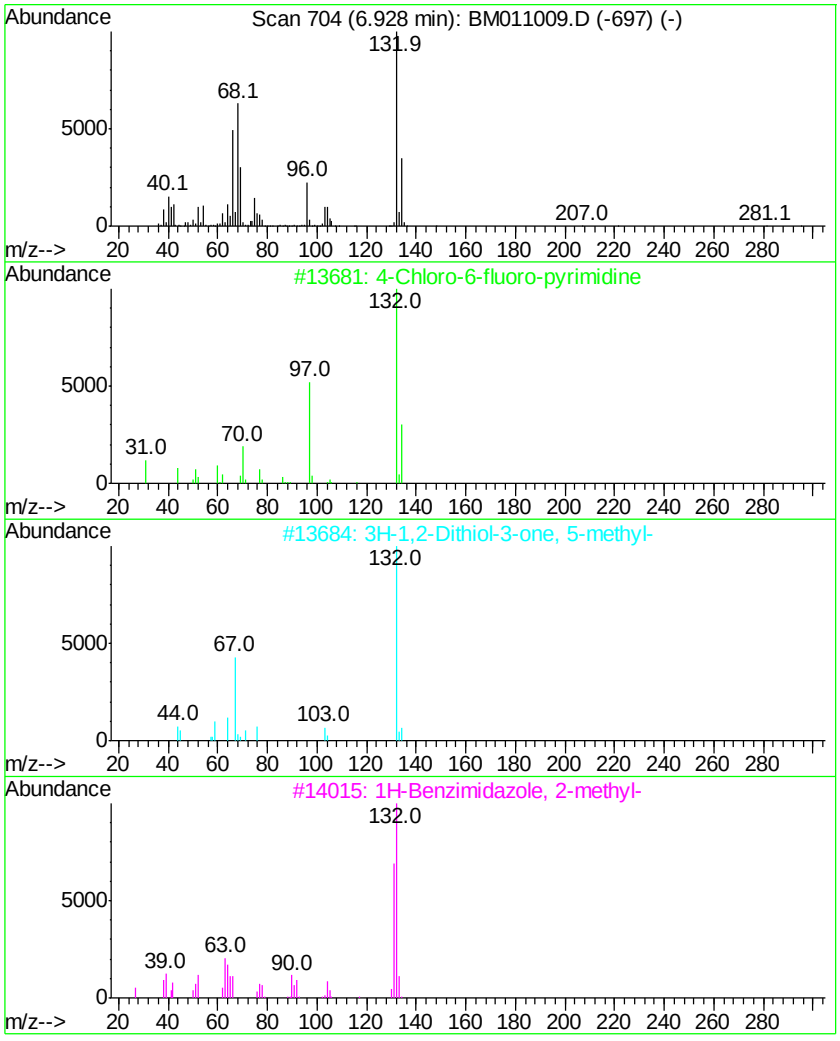
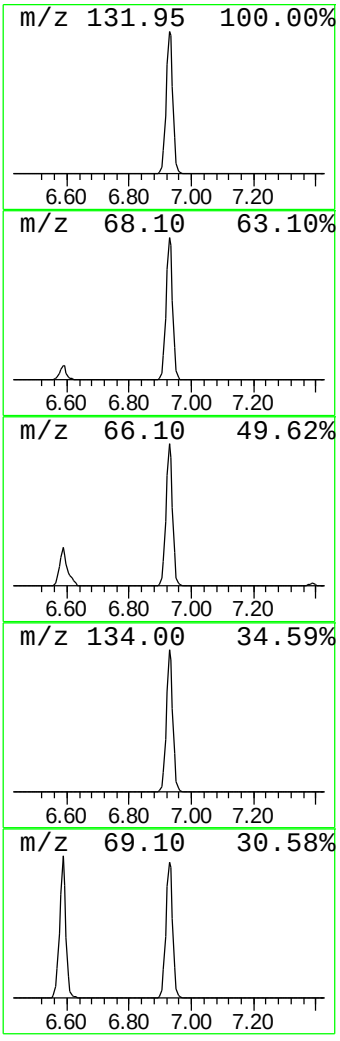
Peak Number 2 unknown6.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	82.02 ng	6875840	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-B3-B4-B5-B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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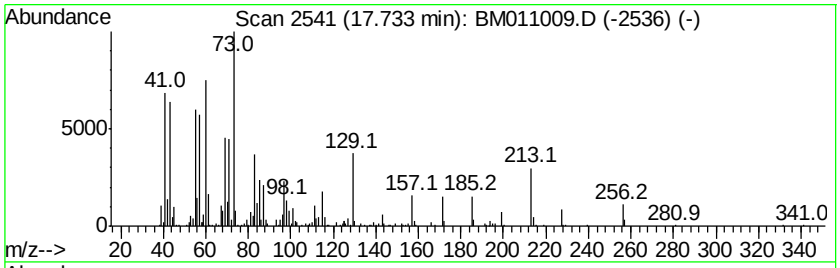
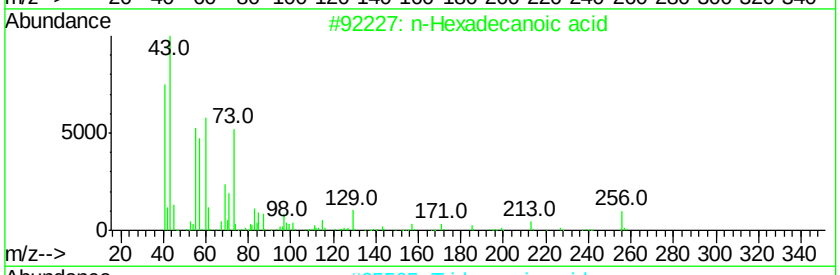
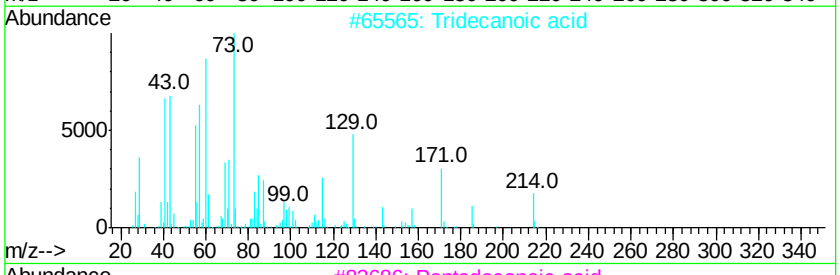
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

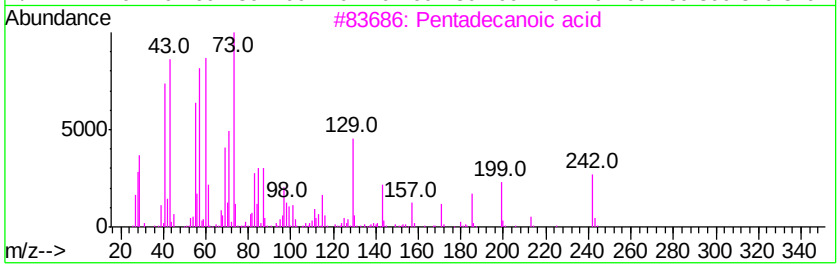
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	5.95 ng	1128910	Phenanthrene-d10	16.80

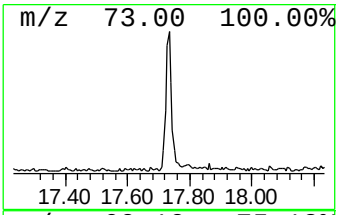
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Nonanoic acid	158	C9H18O2	000112-05-0	38

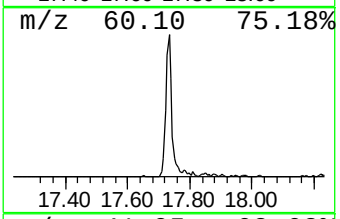


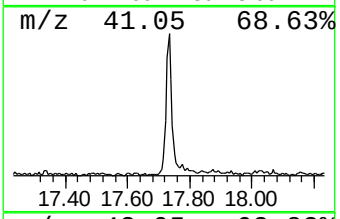


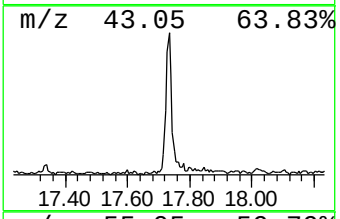


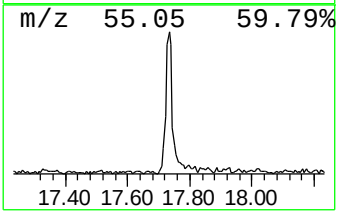












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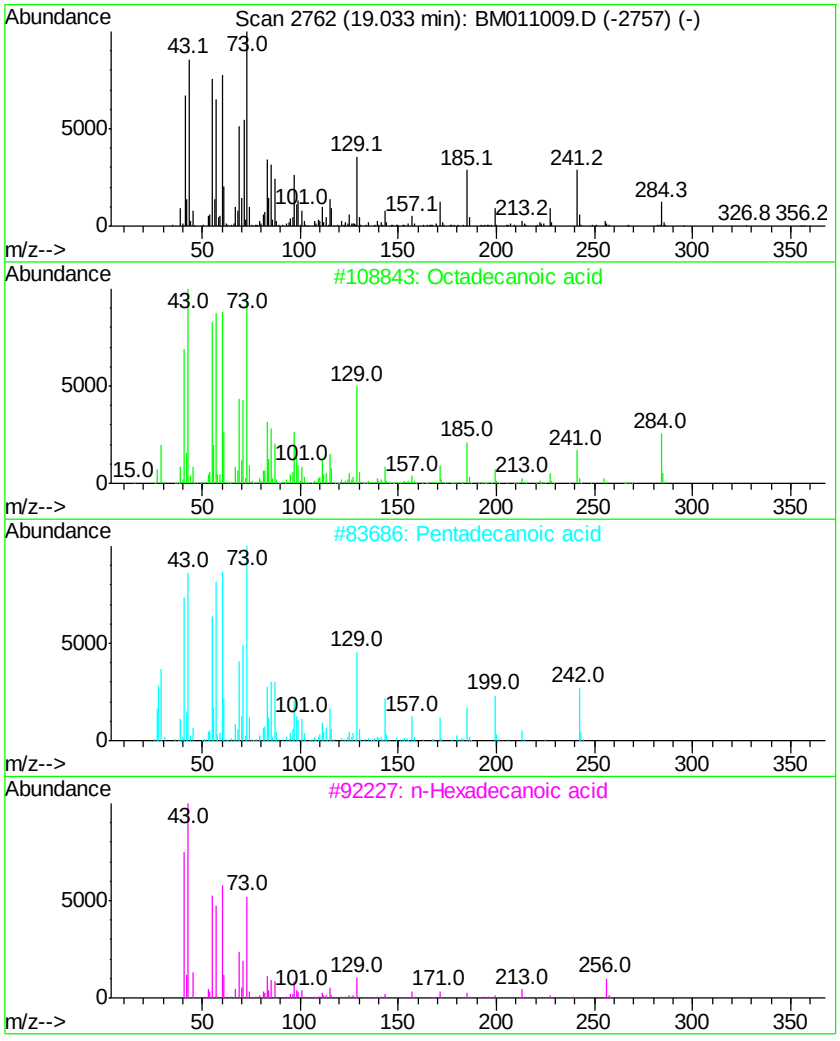
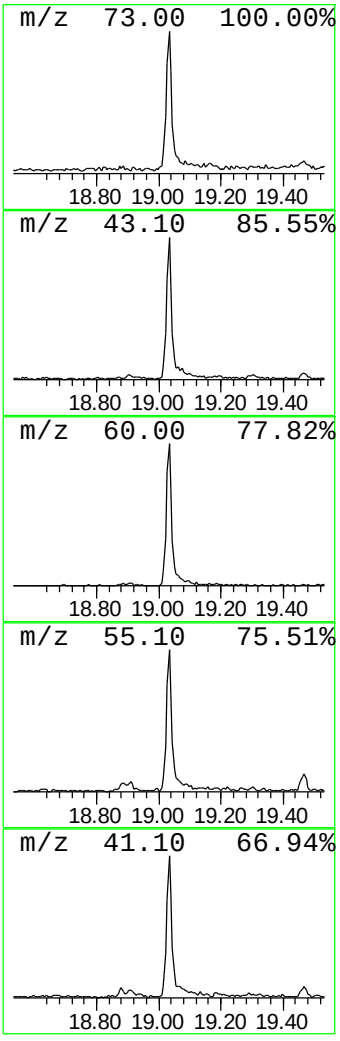
****

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	8.95 ng	1797040	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53





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-hy...	4.59	4.5	ng	379940	1	7.39	1676620	20.0
unknown6.93	6.93	82.0	ng	6875840	1	7.39	1676620	20.0
n-Hexadecanoic acid	17.73	6.0	ng	1128910	4	16.80	3796620	20.0
Octadecanoic acid	19.03	8.9	ng	1797040	5	21.02	4017710	20.0