LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018767.D
Acq On : 11 Feb 2019 20:52
Operator : JU/SJ
Sample : K1449-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-17-OW

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-BM021119.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	5.304	370	377	394	rBV	3075506	4540693	19.09%	4.234%
2	6.887	638	646	659	rBV	1889973	3308990	13.91%	3.086%
3	7.245	698	707	721	rBV	5846846	9288821	39.05%	8.662%
4	7.716	780	787	793	rBV	1133514	1818292	7.64%	1.696%
5	8.028	832	840	856	rBV	4923993	7838500	32.95%	7.310%
6	8.881	977	985	1003	rBV	4163739	6901938	29.02%	6.436%
7	10.504	1253	1261	1268	rBV	1507530	2551120	10.73%	2.379%
8	12.980	1675	1682	1695	rBV	10573512	15227863	64.02%	14.200%
9	13.821	1821	1825	1833	rBV	204144	352666	1.48%	0.329%
10	14.363	1911	1917	1924	rBV2	2200639	3299865	13.87%	3.077%
11	15.863	2165	2172	2184	rBV	8905031	12834912	53.96%	11.969%
12	17.115	2380	2385	2391	rVB2	2857353	4077377	17.14%	3.802%
13	18.009	2533	2537	2542	rBV	700031	936626	3.94%	0.873%
14	18.227	2570	2574	2578	rBV2	468652	585573	2.46%	0.546%
15	19.292	2752	2755	2760	rBV	331197	417048	1.75%	0.389%
16	19.750	2827	2833	2838	rBV	19508740	23785952	100.00%	22.181%
17	21.009	3044	3047	3052	rVB	502289	553076	2.33%	0.516%
18	21.303	3093	3097	3104	rVB	3823632	4865971	20.46%	4.538%
19	23.568	3476	3482	3495	rVB2	2147189	4051217	17.03%	3.778%

Sum of corrected areas: 107236500

LSC Report - Integrated Chromatogram

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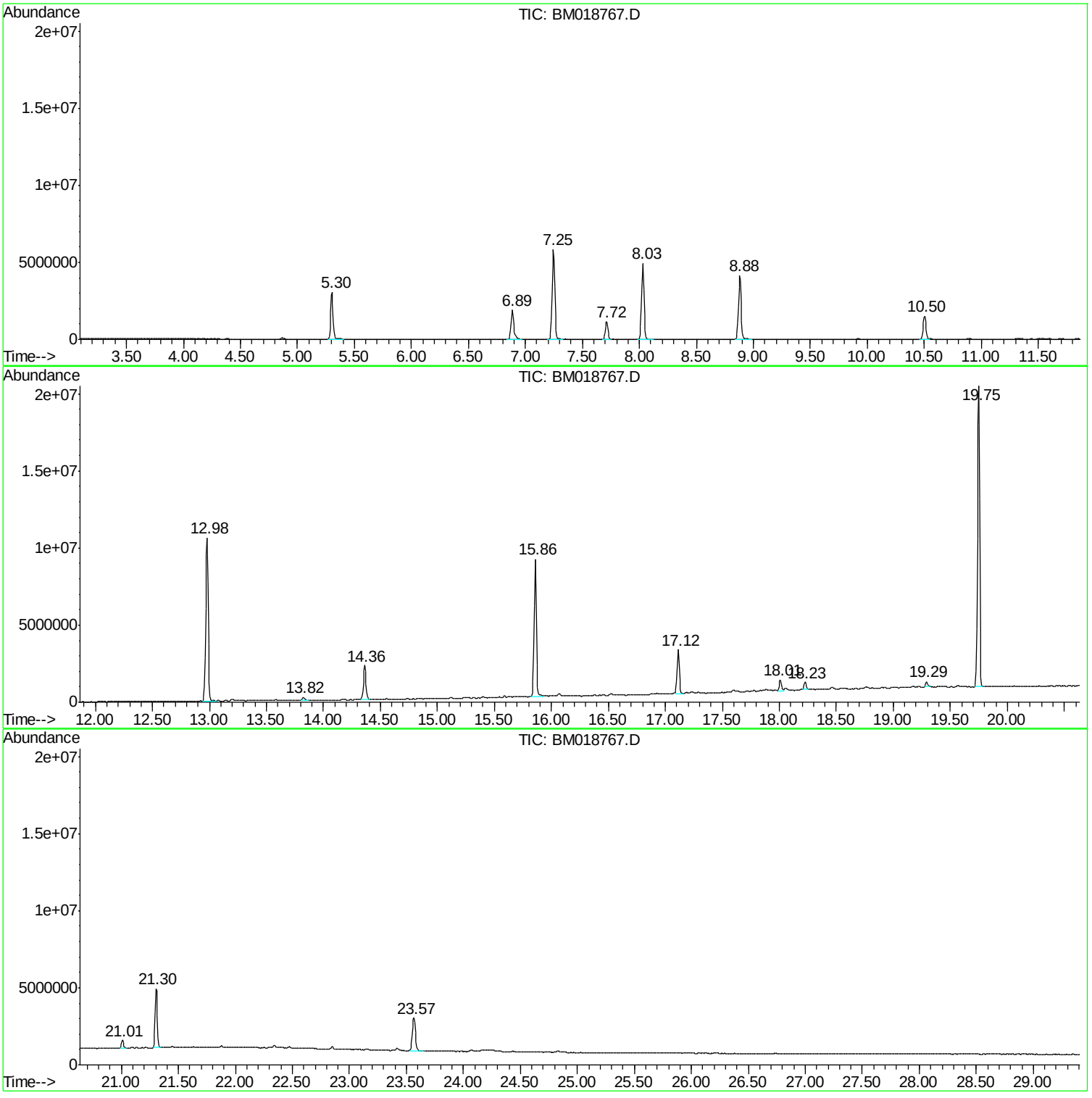
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-17-OW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Acq On : 11 Feb 2019 20:52
Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : B-17-OW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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TIC Integration Parameters: LSCINT.P

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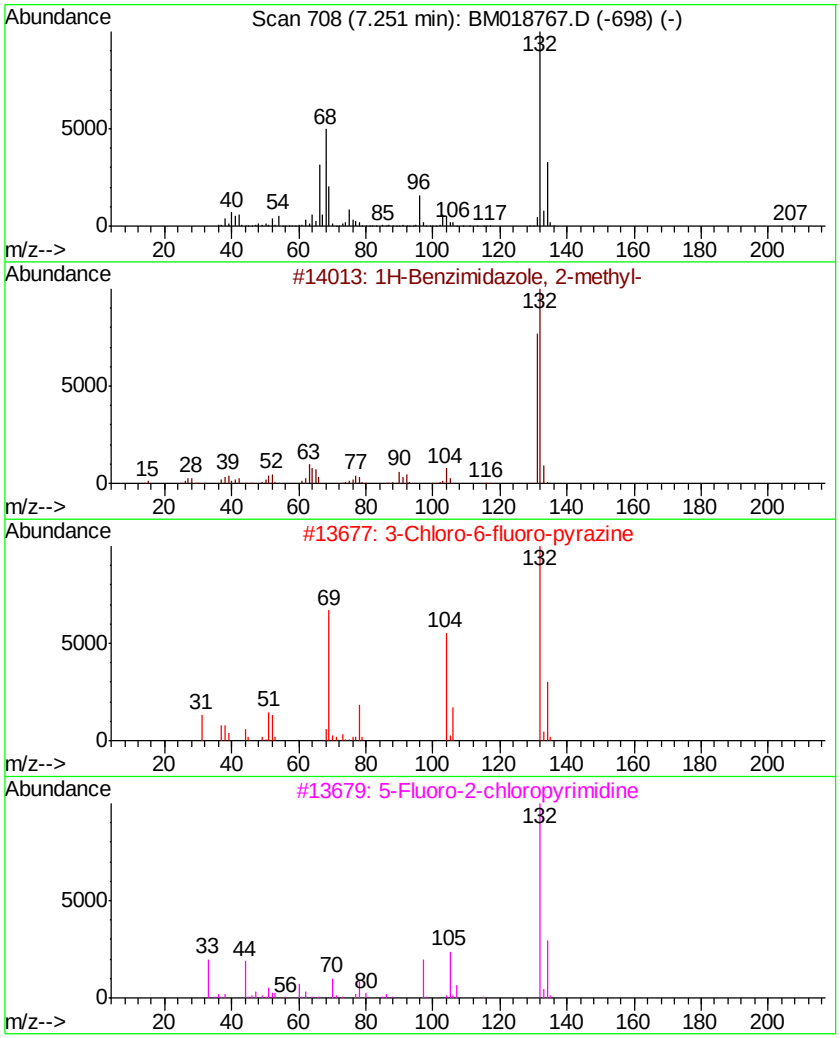
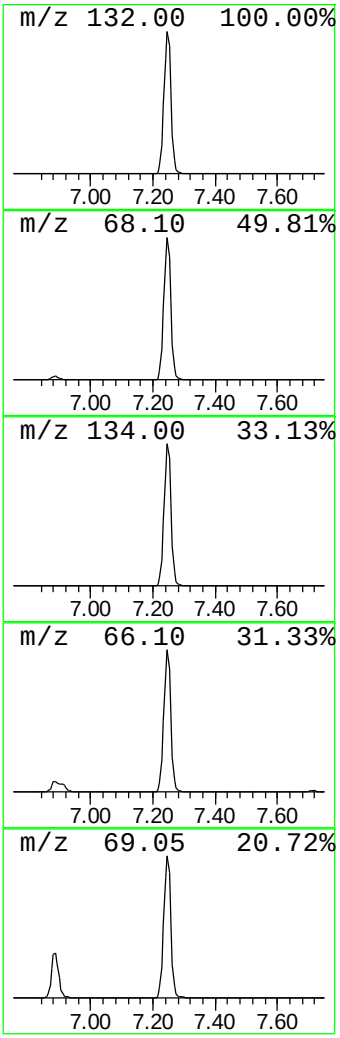
Peak Number 1 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	102.17 ng	9288820	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : B-17-OW

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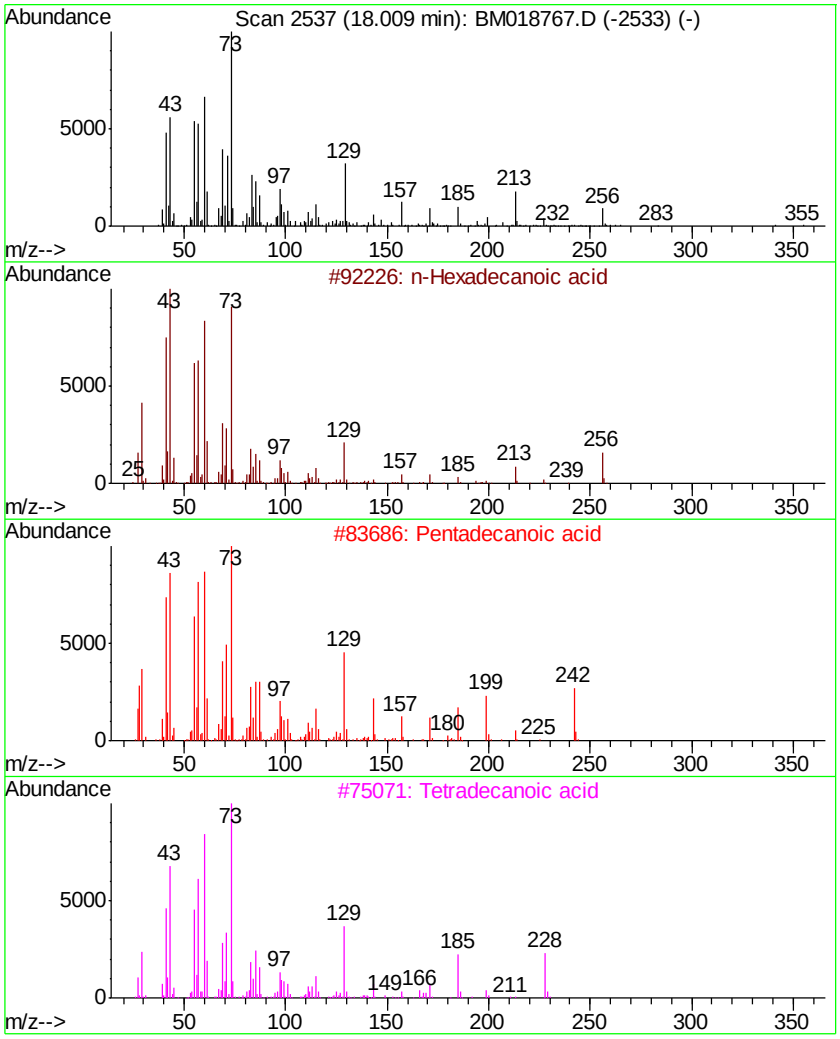
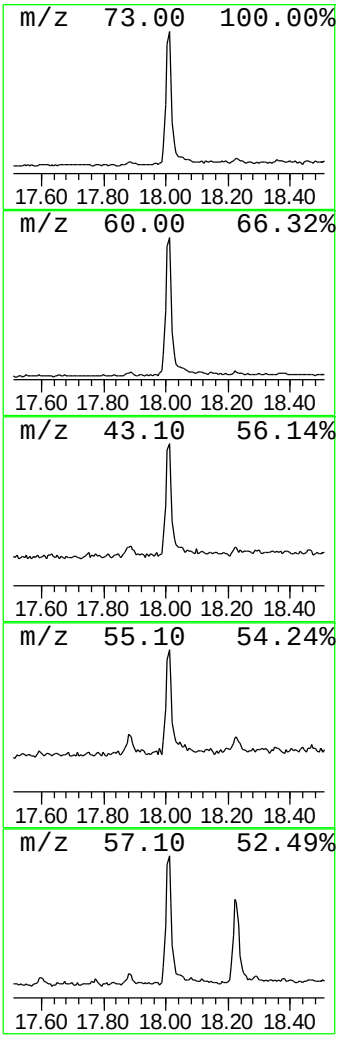
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.59 ng	936626	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





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Sample : K1449-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-17-OW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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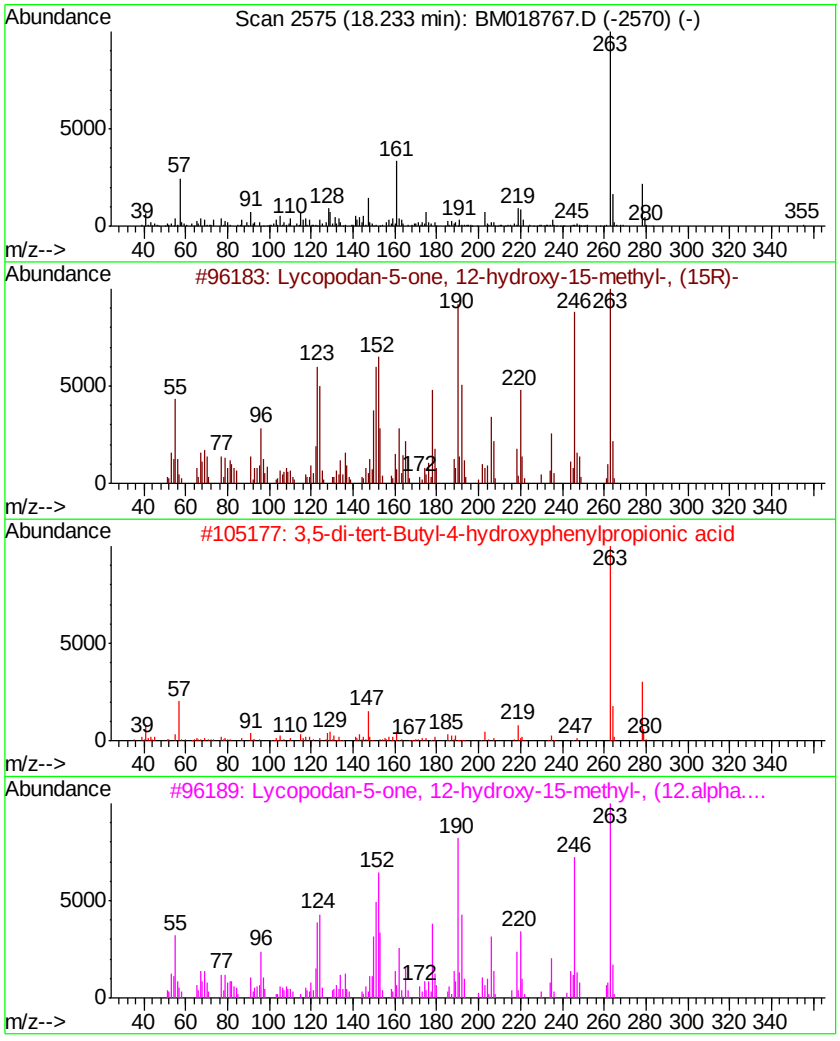
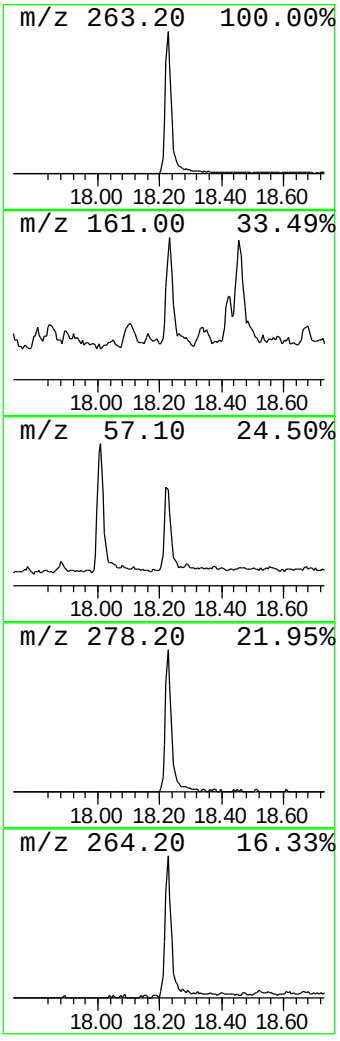
Peak Number 4 Lycopodan-5-one, 12-hydroxy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.87 ng	585573	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	95
2	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	94
3	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	89
4	Benzenemethanol, 3,5-bis(1,1-dim...	278	C17H26O3	014387-17-8	53
5	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	43





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Sample : K1449-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-17-OW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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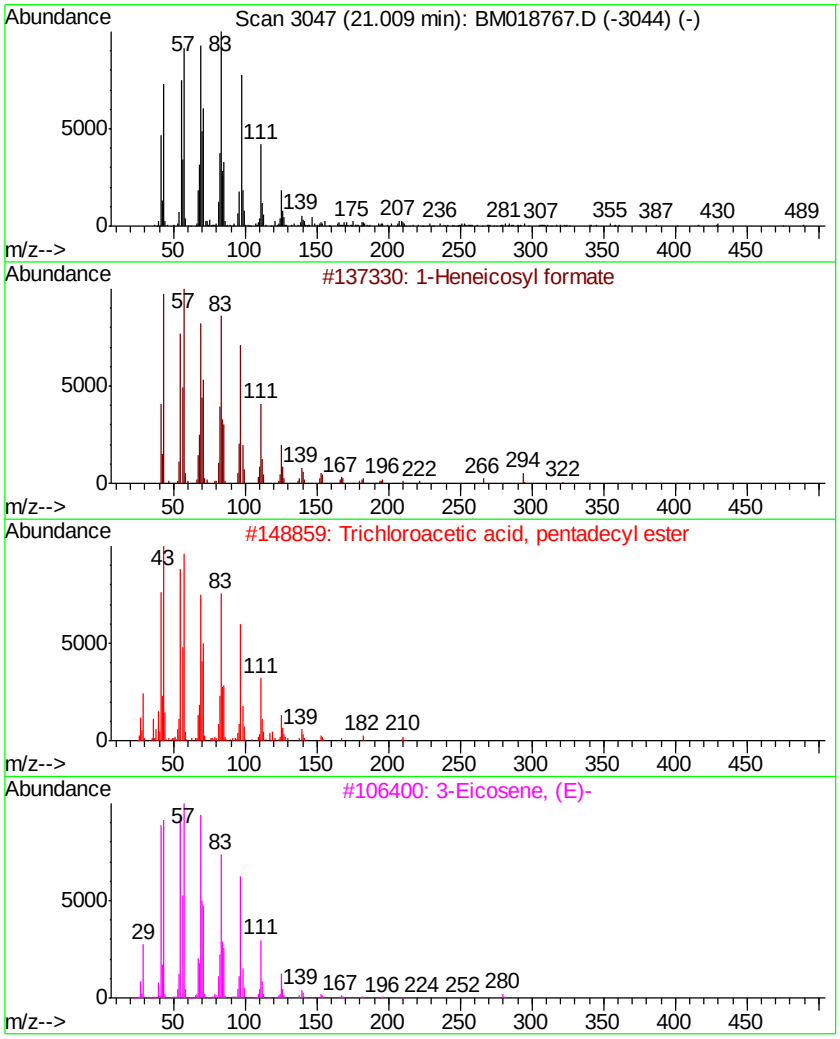
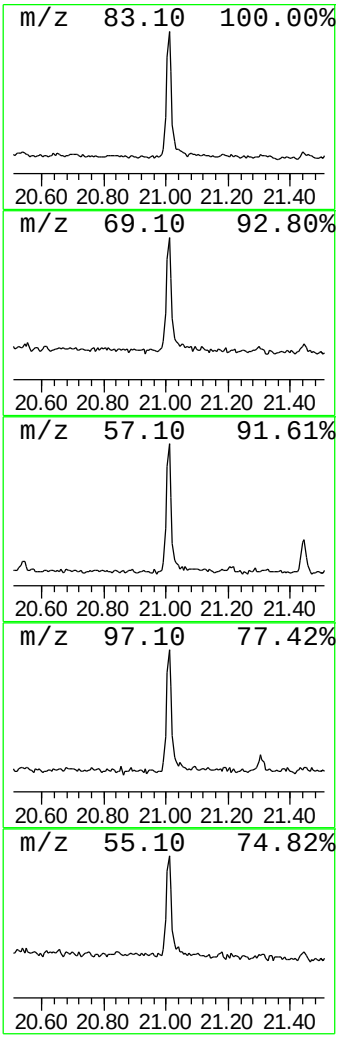
Peak Number 5 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.27 ng	553076	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.25	7.25	102.2	ng	9288820	1	7.72	1818290	20.0
n-Hexadecanoic acid	18.01	4.6	ng	936626	4	17.12	4077380	20.0
Lycopodan-5-one, ...	18.23	2.9	ng	585573	4	17.12	4077380	20.0
1-Heneicosyl formate	21.01	2.3	ng	553076	5	21.30	4865970	20.0