LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018746.D
Acq On : 07 Feb 2019 20:17
Operator : JU/SJ
Sample : K1390-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-07(7-8)

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-BM010919.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	4.869	298	303	315	rVB	312518	452368	3.57%	0.473%
2	5.304	371	377	393	rBV	6379398	9321703	73.53%	9.754%
3	6.893	639	647	669	rBV	6088085	10378619	81.86%	10.860%
4	7.251	700	708	722	rBV	6819736	10610402	83.69%	11.102%
5	7.716	780	787	794	rBV	1192497	1844982	14.55%	1.930%
6	8.034	833	841	854	rVB	5152334	8152802	64.31%	8.531%
7	8.887	977	986	1000	rBV	3600028	6049185	47.71%	6.330%
8	10.504	1250	1261	1275	rBV	1382686	2319088	18.29%	2.427%
9	12.980	1675	1682	1700	rBV	8652946	12677824	100.00%	13.265%
10	13.827	1814	1826	1837	rBV	524538	797721	6.29%	0.835%
11	14.363	1908	1917	1934	rBV2	1746184	2723840	21.49%	2.850%
12	15.863	2165	2172	2191	rBV	5900308	8776399	69.23%	9.183%
13	17.115	2379	2385	2401	rBV	1980321	2851429	22.49%	2.984%
14	17.998	2530	2535	2545	rBV	235353	358656	2.83%	0.375%
15	19.751	2827	2833	2838	rBV	9840233	12186824	96.13%	12.752%
16	21.009	3043	3047	3056	rBV2	314594	447732	3.53%	0.468%
17	21.303	3092	3097	3105	rBV	2162283	2876826	22.69%	3.010%
18	23.568	3476	3482	3491	rVB	1481495	2744173	21.65%	2.871%

Sum of corrected areas: 95570573

LSC Report - Integrated Chromatogram

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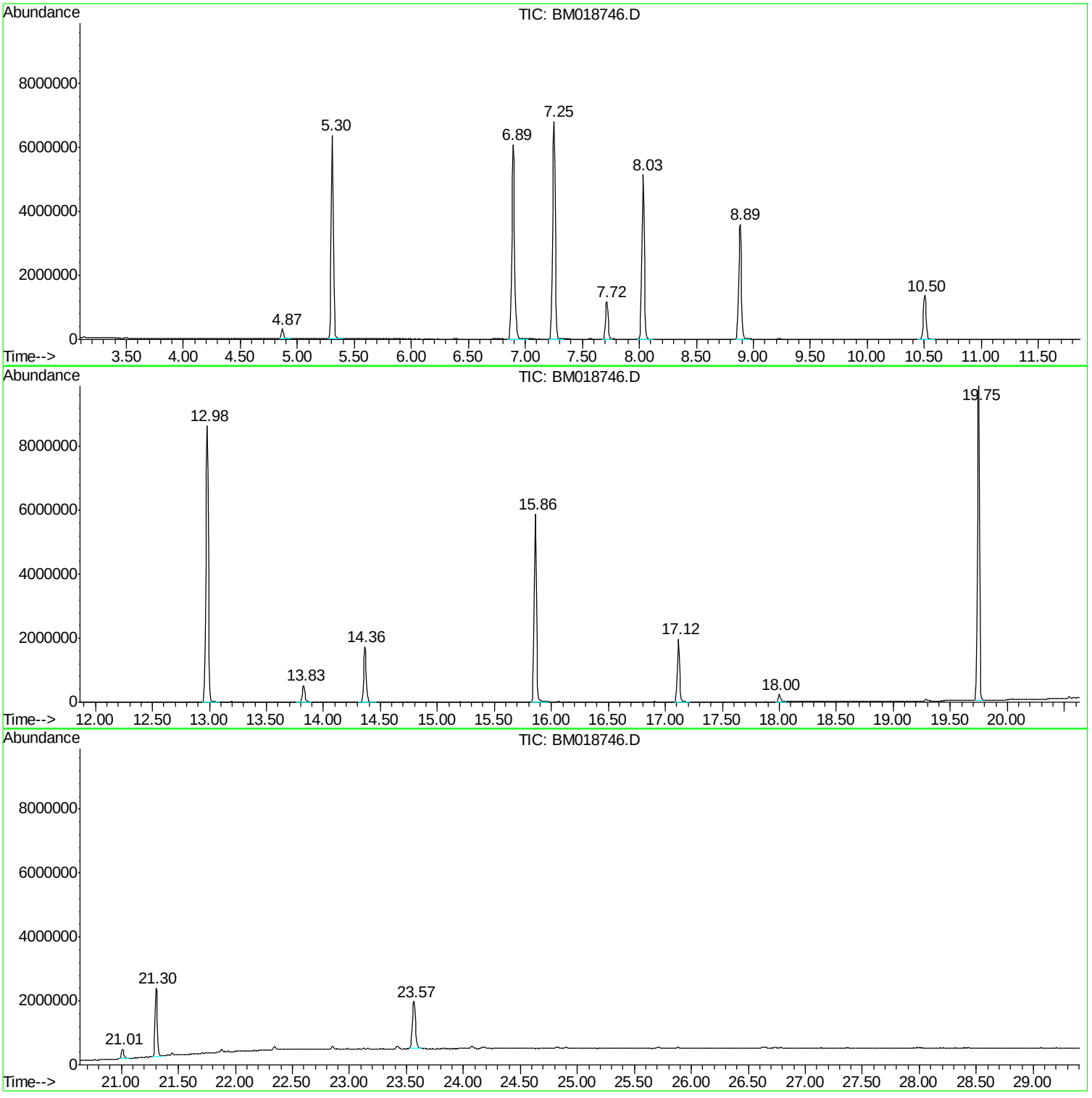
Sample : K1390-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-07(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-07(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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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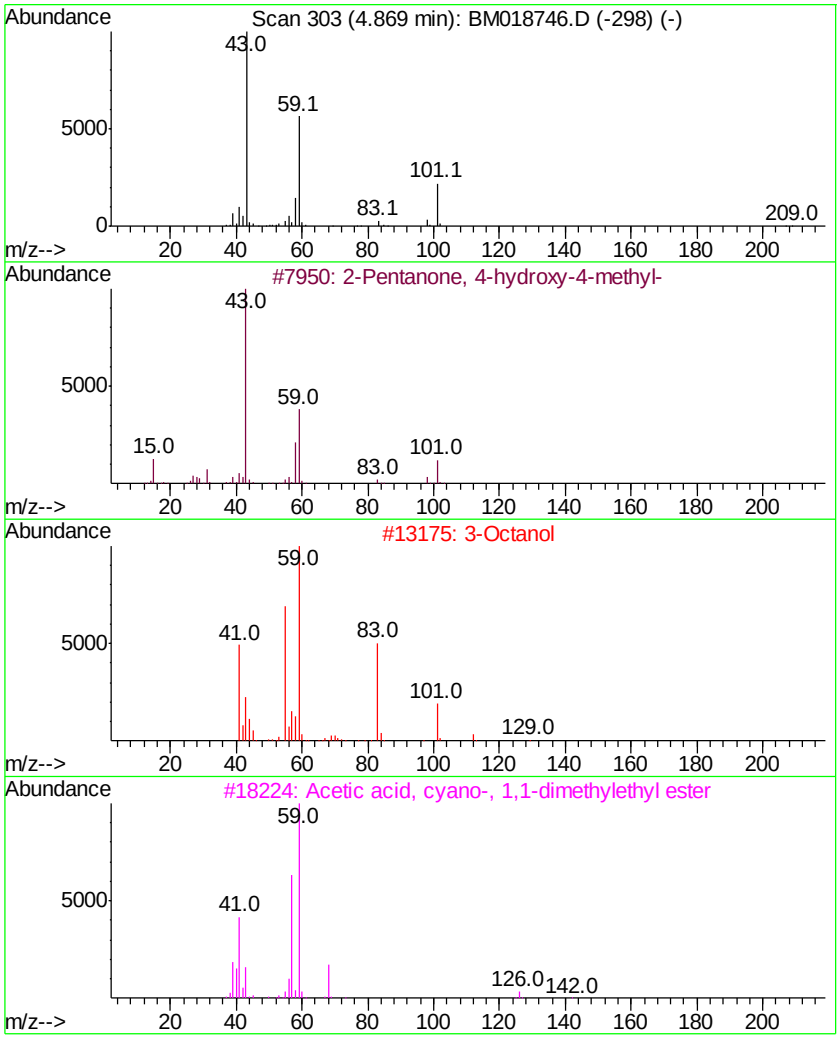
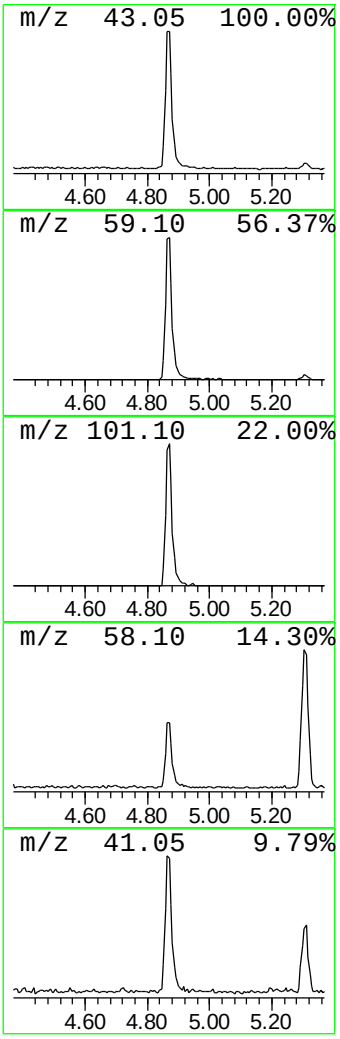
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	4.90 ng	452368	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Octanol	130	C8H18O	020296-29-1	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Instrument : BNA_M
ClientSampleId : SB-07(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
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TIC Library : C:\DATABASE\NIST02.L
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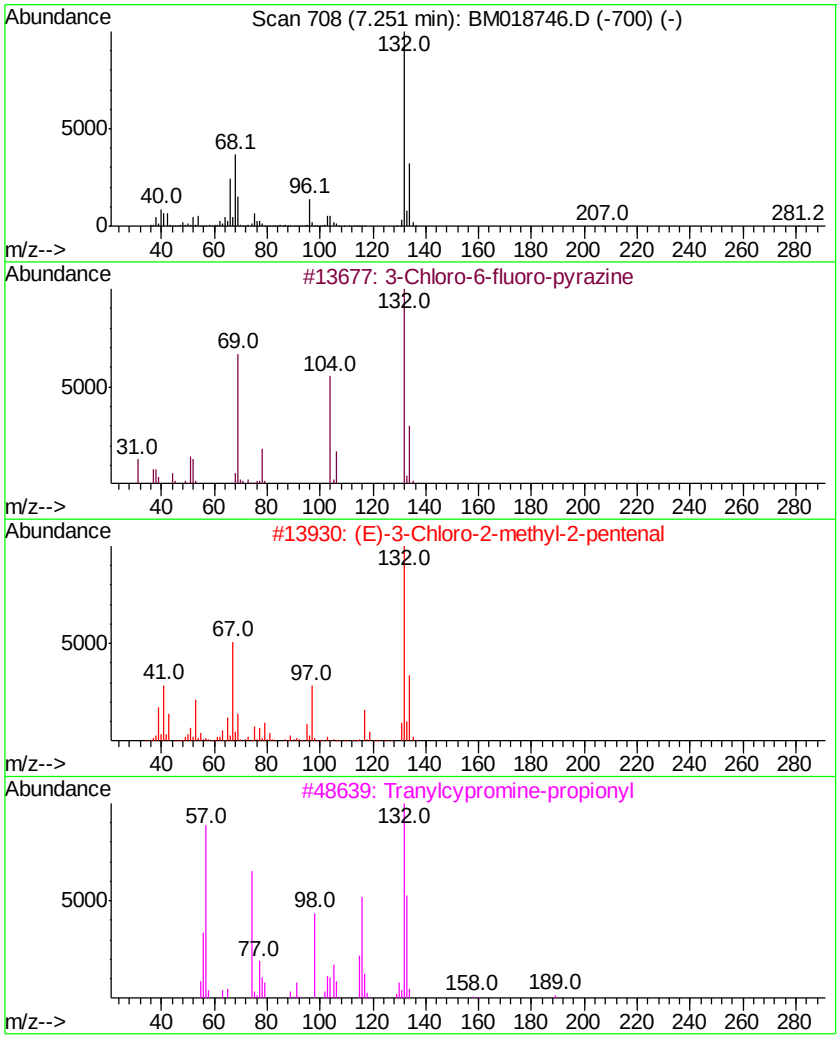
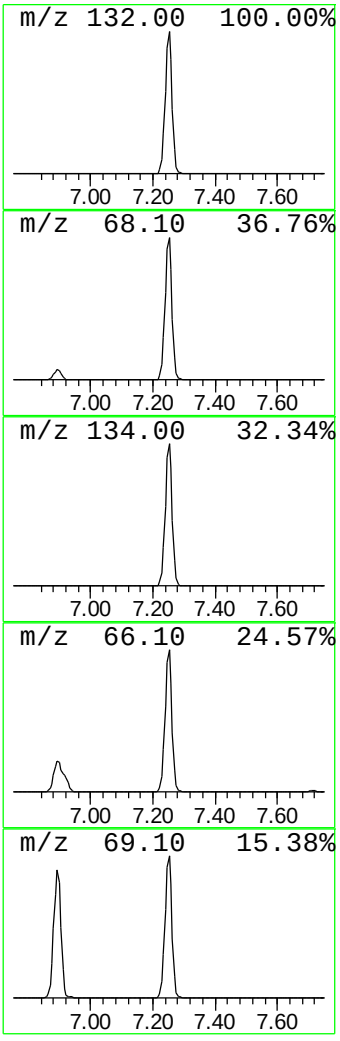
Peak Number 2 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	115.02 ng	10610400	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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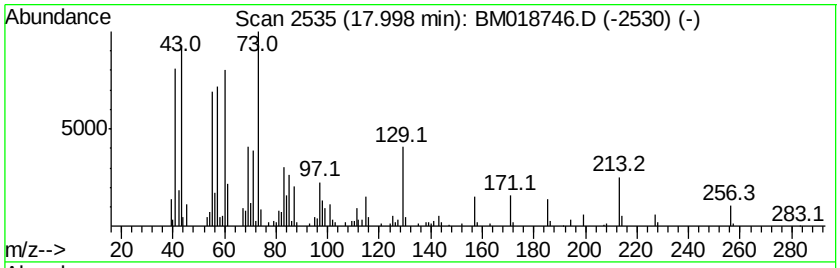
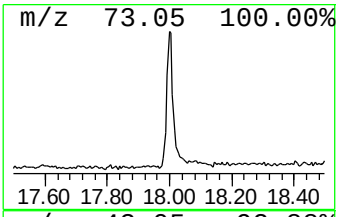
****

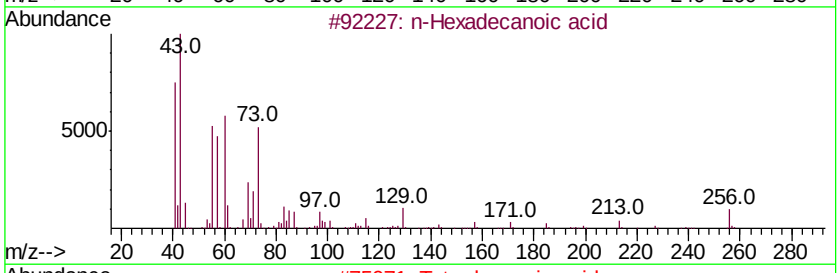
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

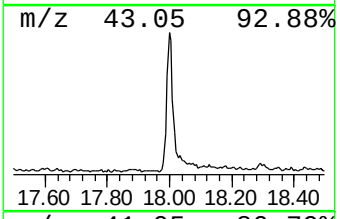
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.52 ng	358656	Phenanthrene-d10	17.12

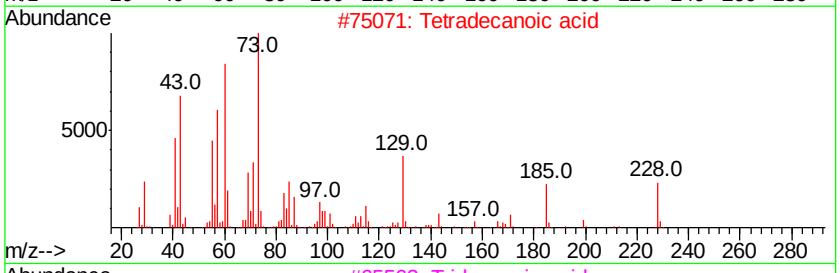
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68

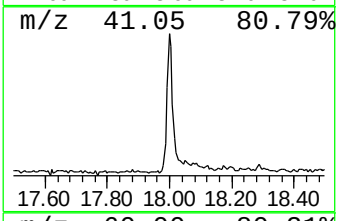


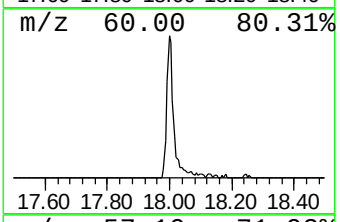


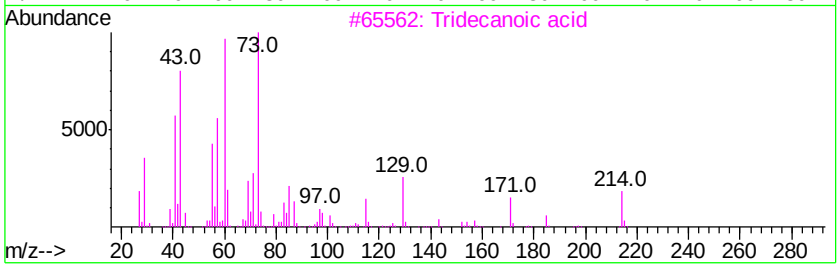


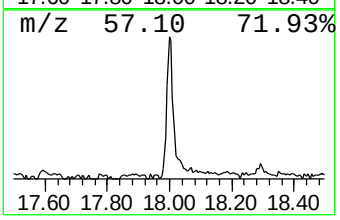












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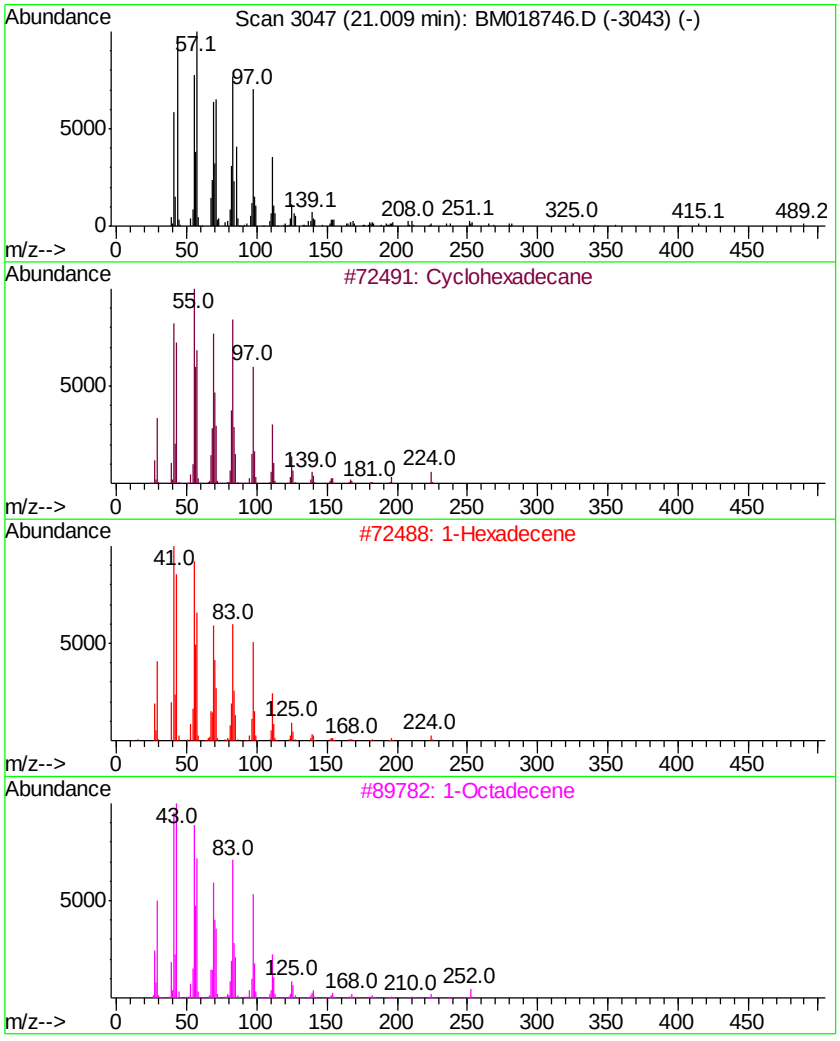
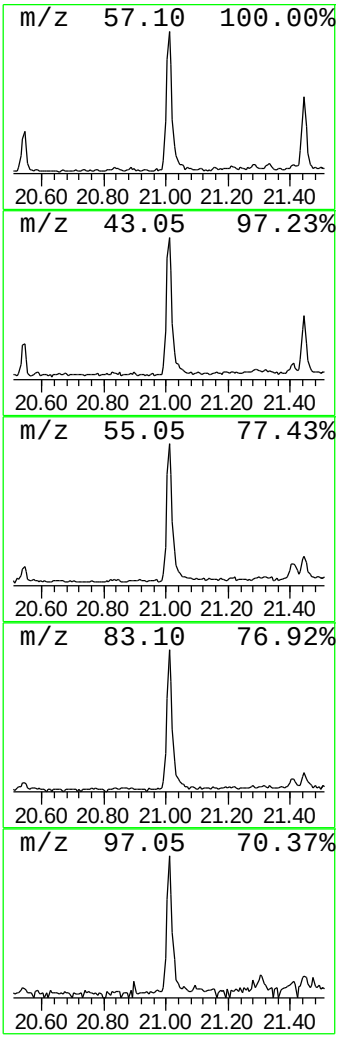
****

Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.11 ng	447732	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	1-Hexadecene	224	C16H32	000629-73-2	96
3	1-Octadecene	252	C18H36	000112-88-9	94
4	Cyclopentadecane	210	C15H30	000295-48-7	94
5	17-Pentatriacontene	491	C35H70	006971-40-0	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-hy...	4.87	4.9	ng	452368	1	7.72	1844980	20.0
unknown7.25	7.25	115.0	ng	10610400	1	7.72	1844980	20.0
n-Hexadecanoic acid	18.00	2.5	ng	358656	4	17.12	2851430	20.0
Cyclohexadecane	21.01	3.1	ng	447732	5	21.30	2876830	20.0