LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018768.D
Acq On : 11 Feb 2019 21:28
Operator : JU/SJ
Sample : K1449-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-11-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	371	377	395	rBV	2217540	3186575	15.67%	3.398%
2	6.887	639	646	661	rBV2	1368866	2617043	12.87%	2.791%
3	7.245	700	707	723	rBV	4011787	6331035	31.13%	6.752%
4	7.716	780	787	794	rBV	1248253	2015148	9.91%	2.149%
5	8.028	833	840	853	rBV	3893041	6380416	31.37%	6.804%
6	8.881	977	985	1008	rBV	3344025	5542240	27.25%	5.910%
7	10.504	1254	1261	1272	rBV	1638976	2757493	13.56%	2.941%
8	12.980	1674	1682	1701	rBV	8624398	12955792	63.70%	13.817%
9	13.827	1820	1826	1841	rBV	518415	786976	3.87%	0.839%
10	14.363	1908	1917	1925	rBV2	2502000	3822182	18.79%	4.076%
11	15.857	2163	2171	2189	rBV	6092969	9052550	44.51%	9.654%
12	17.115	2378	2385	2398	rBV	3321611	4779027	23.50%	5.097%
13	17.998	2530	2535	2547	rBV	436700	735028	3.61%	0.784%
14	19.745	2826	2832	2846	rBV	16571527	20339528	100.00%	21.691%
15	21.009	3042	3047	3054	rBV	890861	1183552	5.82%	1.262%
16	21.303	3092	3097	3106	rBV	4284917	5260371	25.86%	5.610%
17	21.439	3117	3120	3126	rBV	189212	227840	1.12%	0.243%
18	21.874	3191	3194	3198	rBV	248931	336506	1.65%	0.359%
19	22.339	3270	3273	3278	rVB	316906	395845	1.95%	0.422%
20	22.850	3356	3360	3366	rVB	313033	444998	2.19%	0.475%
21	23.415	3453	3456	3463	rVB	258897	417187	2.05%	0.445%
22	23.562	3474	3481	3490	rVB	2183020	4202342	20.66%	4.482%

Sum of corrected areas: 93769674

LSC Report - Integrated Chromatogram

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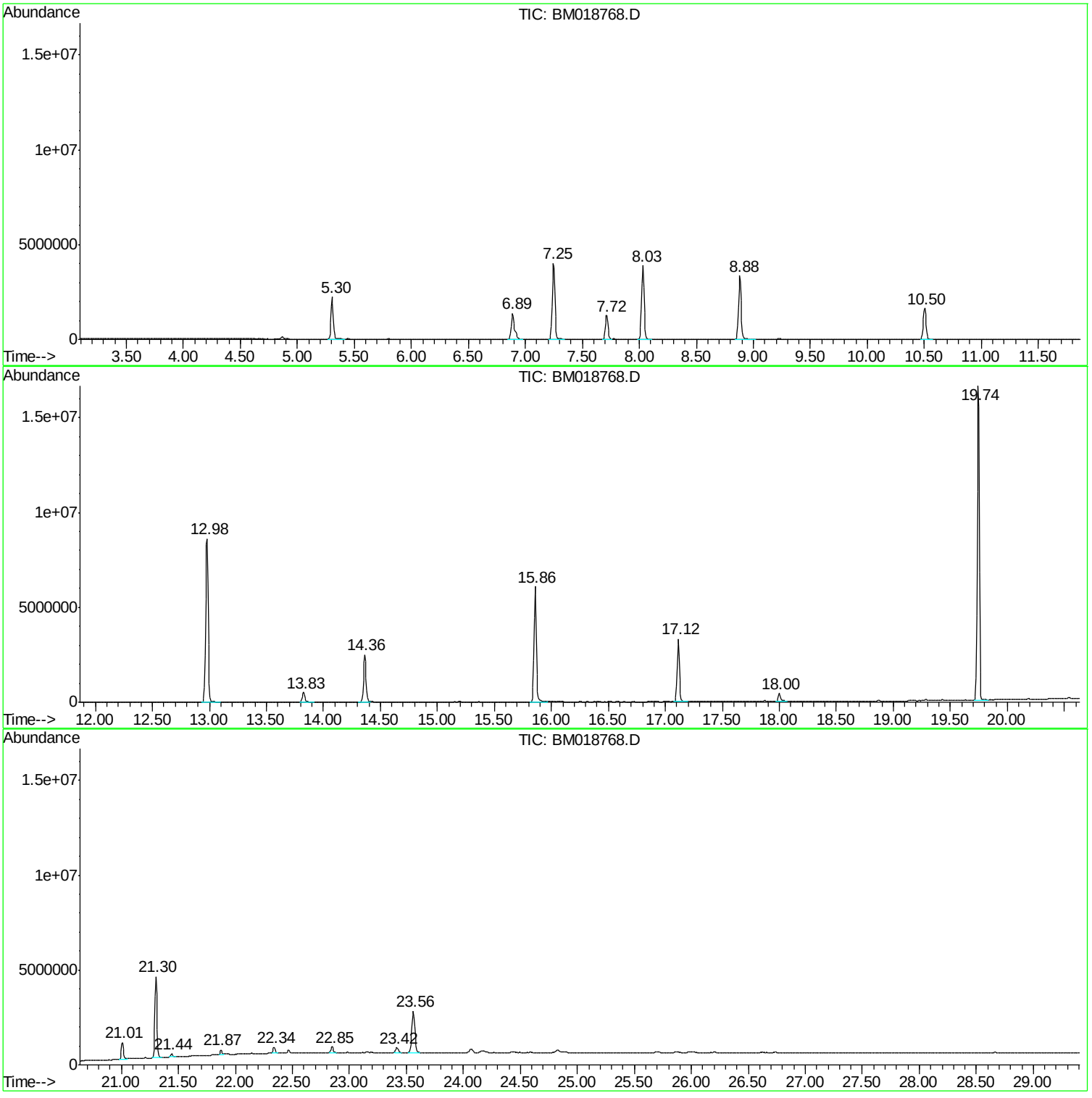
Instrument :
BNA_M
ClientSampleId :
B-11-OW

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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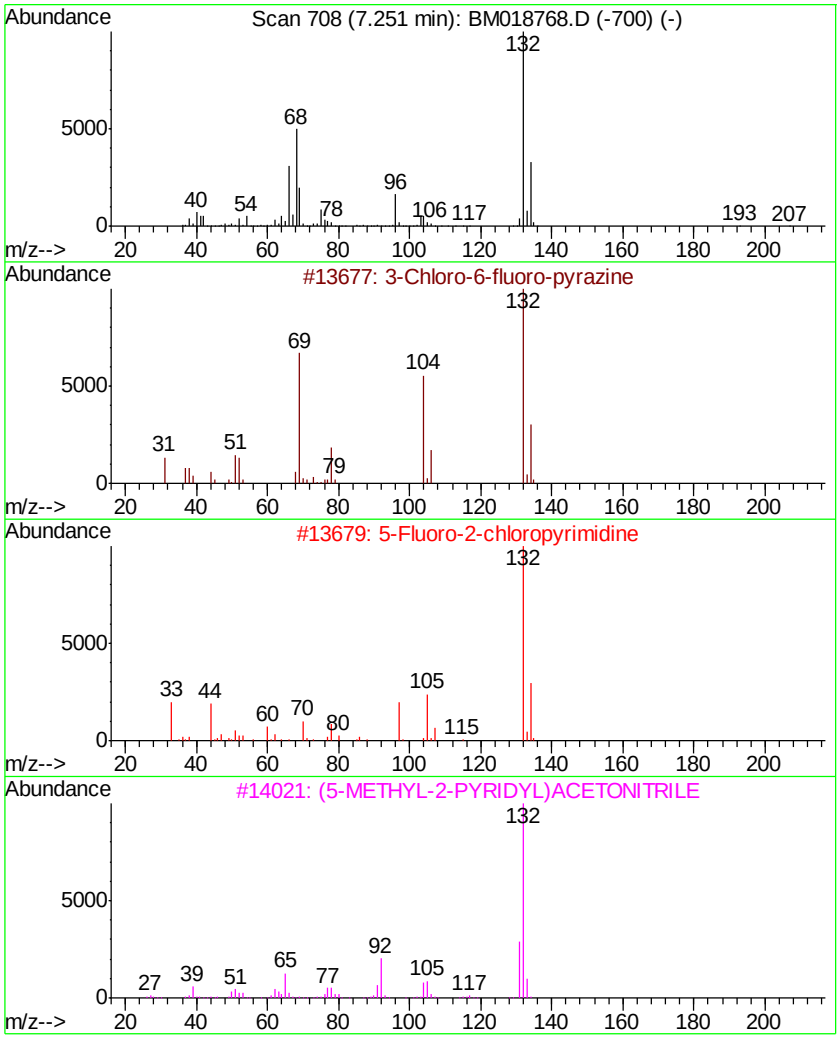
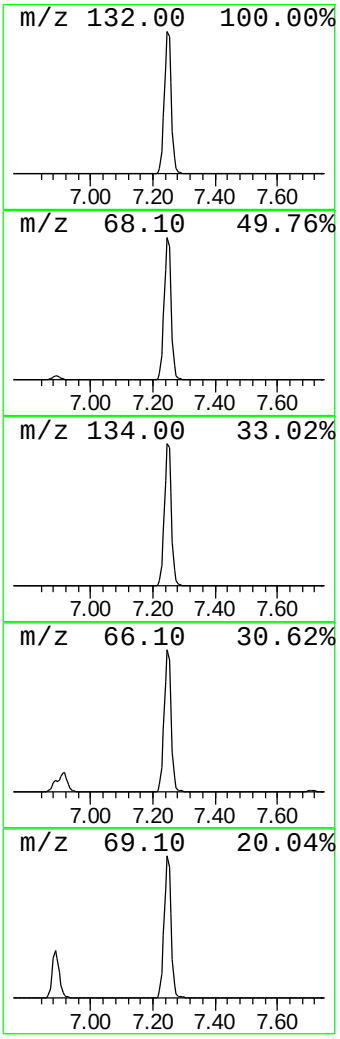
Peak Number 1 unknown7.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	62.83 ng	6331040	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	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9





Library Search Compound Report

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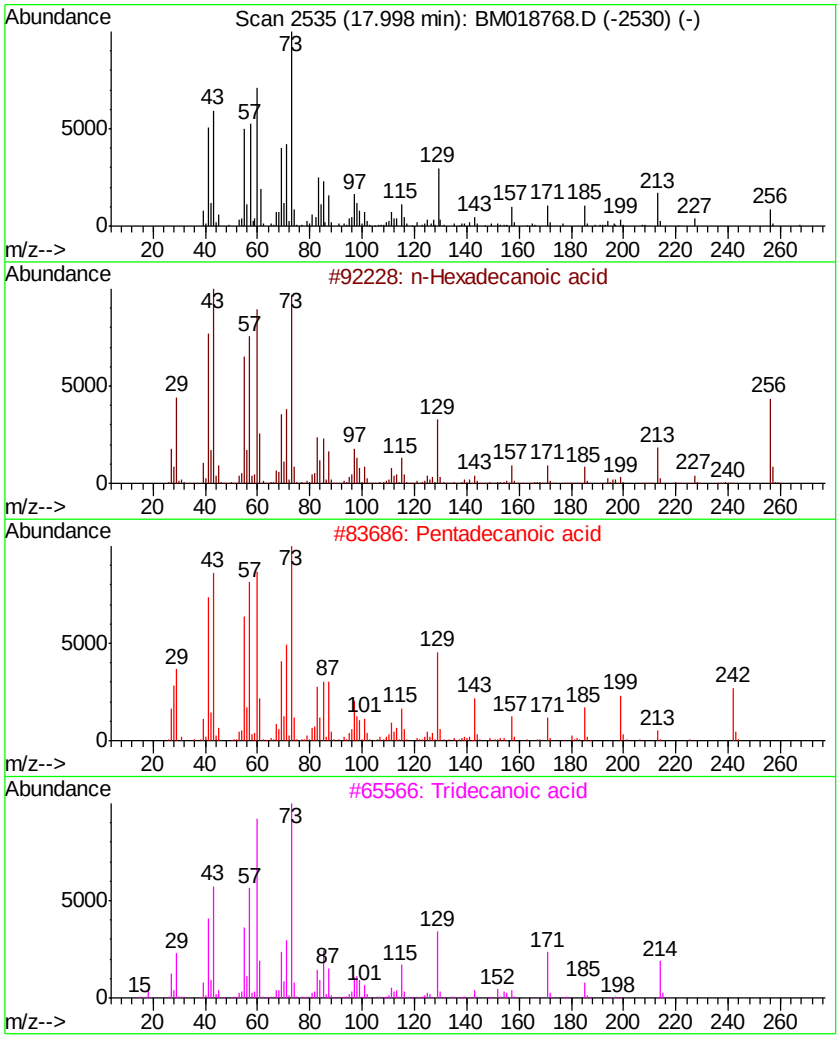
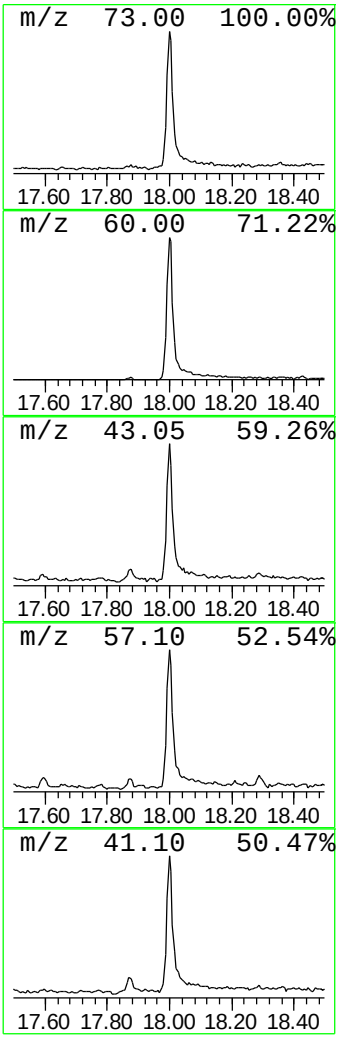
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.08 ng	735028	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	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	30
5	Pentadecane	212	C15H32	000629-62-9	18





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-11-OW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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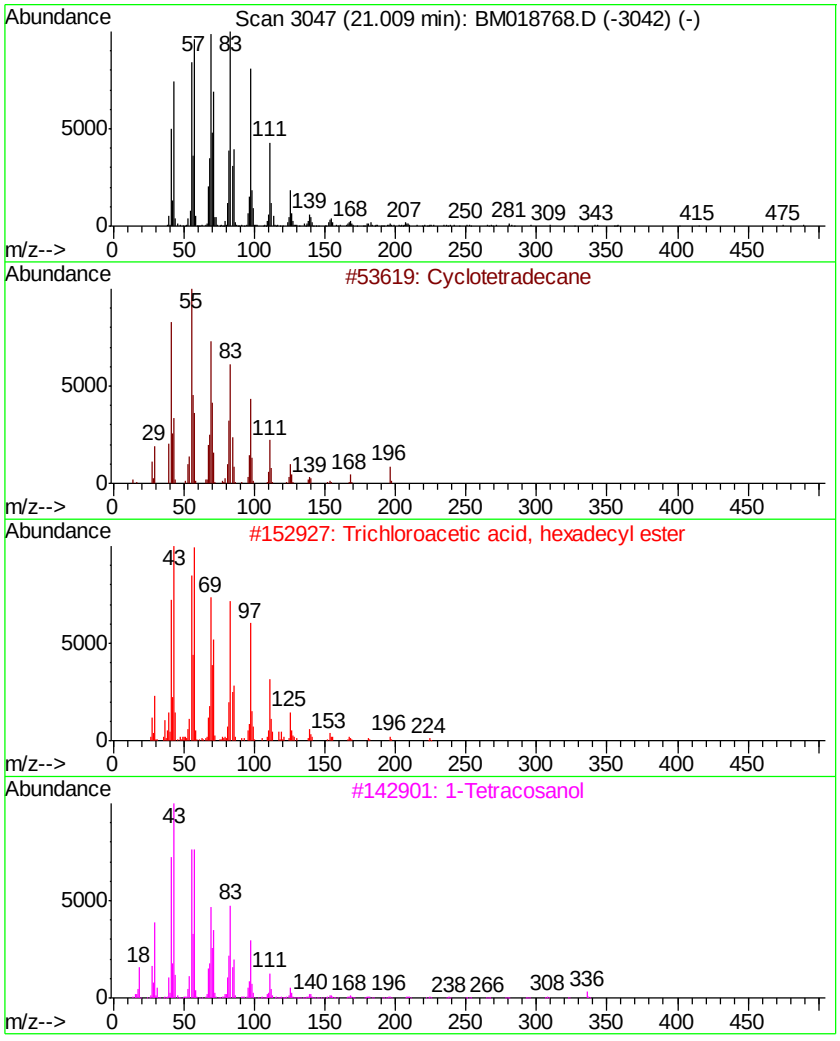
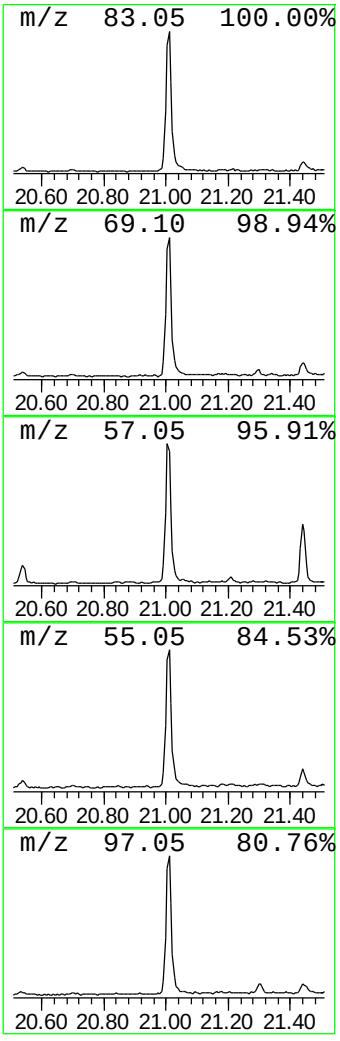
Peak Number 4 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	4.50 ng	1183550	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





Library Search Compound Report

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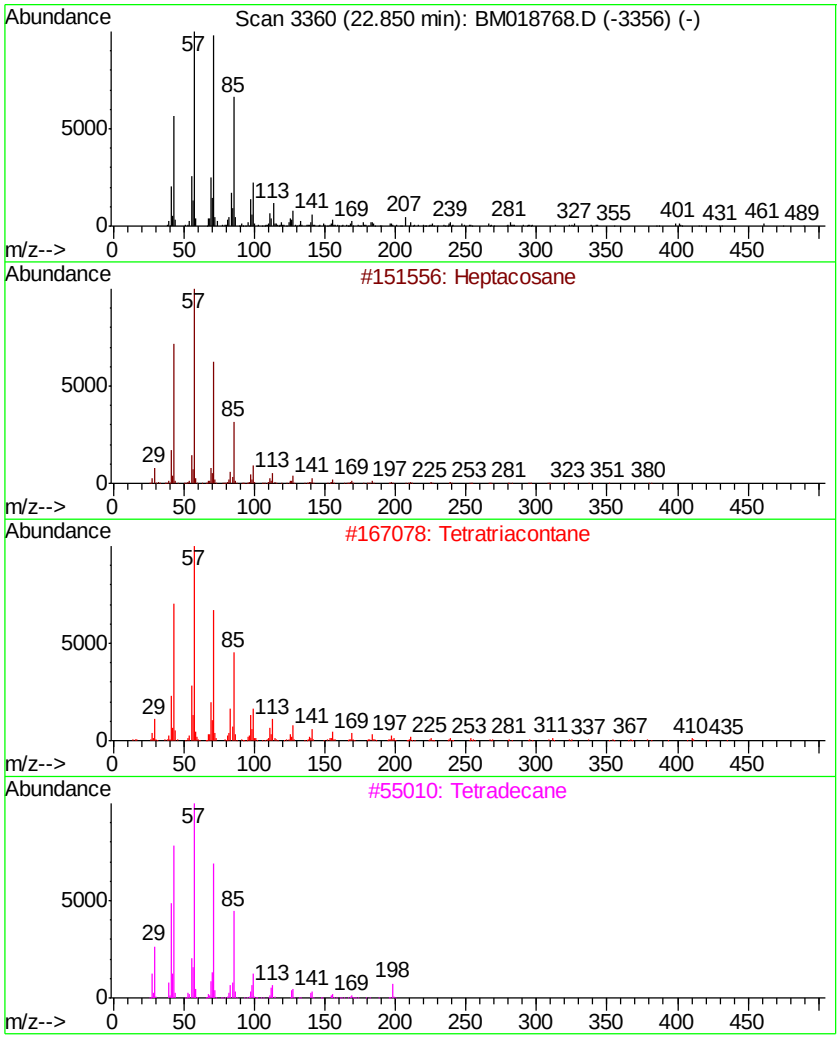
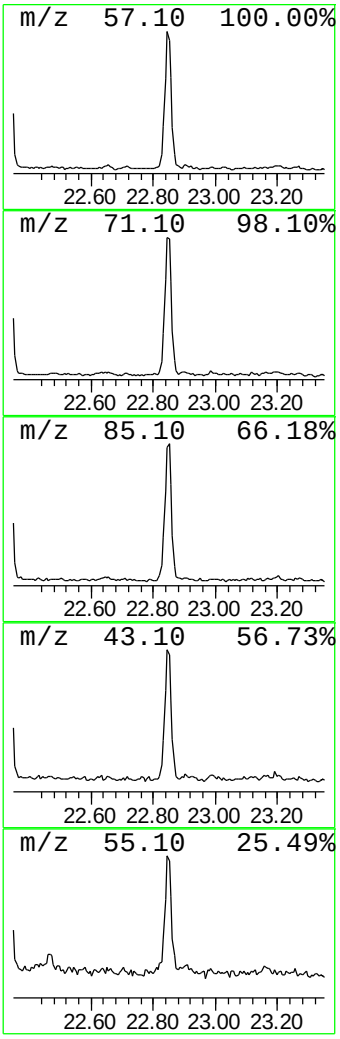
Peak Number 5 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.12 ng	444998	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Tetradecane	198	C14H30	000629-59-4	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Hexatriacontane	507	C36H74	000630-06-8	80





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	62.8	ng	6331040	1	7.72	2015150	20.0
n-Hexadecanoic acid	18.00	3.1	ng	735028	4	17.12	4779030	20.0
Cyclotetradecane	21.01	4.5	ng	1183550	5	21.30	5260370	20.0
Heptacosane	22.85	2.1	ng	444998	6	23.56	4202340	20.0