LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018277.D
Acq On : 18 Dec 2018 18:47
Operator : JU/SJ
Sample : J6340-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04B

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-BM121518.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	4.681	300	305	311	rBV	108015	148912	2.70%	0.347%
2	5.122	374	380	399	rBV	3044958	4211133	76.36%	9.813%
3	6.693	638	647	660	rBV	2795747	4634750	84.04%	10.801%
4	7.028	696	704	714	rBV	3110723	4716034	85.51%	10.990%
5	7.487	776	782	791	rVB	548907	827358	15.00%	1.928%
6	7.798	829	835	844	rVB	2238804	3499712	63.46%	8.156%
7	8.645	971	979	997	rBV	1623709	2794843	50.68%	6.513%
8	10.251	1243	1252	1265	rBV	608102	1115284	20.22%	2.599%
9	12.751	1670	1677	1692	rVB	3719635	5515117	100.00%	12.852%
10	13.622	1817	1825	1832	rBV	231830	374736	6.79%	0.873%
11	14.145	1908	1914	1925	rBV2	835165	1286884	23.33%	2.999%
12	15.651	2164	2170	2179	rBV	2318108	3447120	62.50%	8.033%
13	16.910	2376	2384	2389	rBV	879334	1242693	22.53%	2.896%
14	17.827	2535	2540	2551	rVB2	554788	781397	14.17%	1.821%
15	18.992	2732	2738	2746	rBV6	40725	70305	1.27%	0.164%
16	19.115	2754	2759	2771	rBV	252001	372942	6.76%	0.869%
17	19.562	2830	2835	2845	rVB	3998646	4799175	87.02%	11.184%
18	20.851	3050	3054	3065	rBV	339242	502549	9.11%	1.171%
19	21.133	3097	3102	3111	rBV	900333	1219196	22.11%	2.841%
20	22.274	3293	3296	3300	rVB2	91552	111404	2.02%	0.260%
21	23.286	3463	3468	3481	rVB2	674272	1240183	22.49%	2.890%

Sum of corrected areas: 42911727

LSC Report - Integrated Chromatogram

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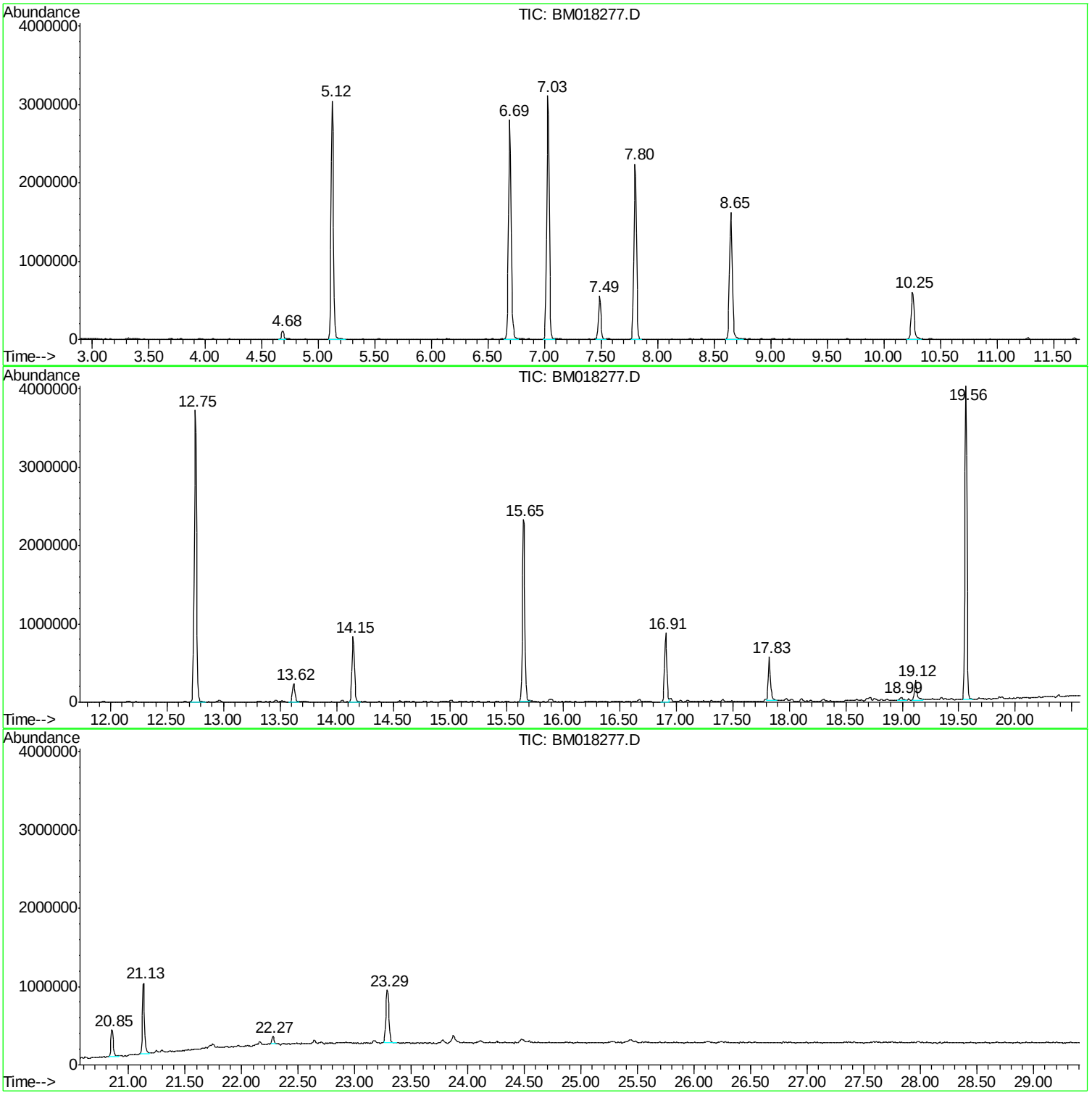
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018277.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_M
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TIC Integration Parameters: LSCINT.P

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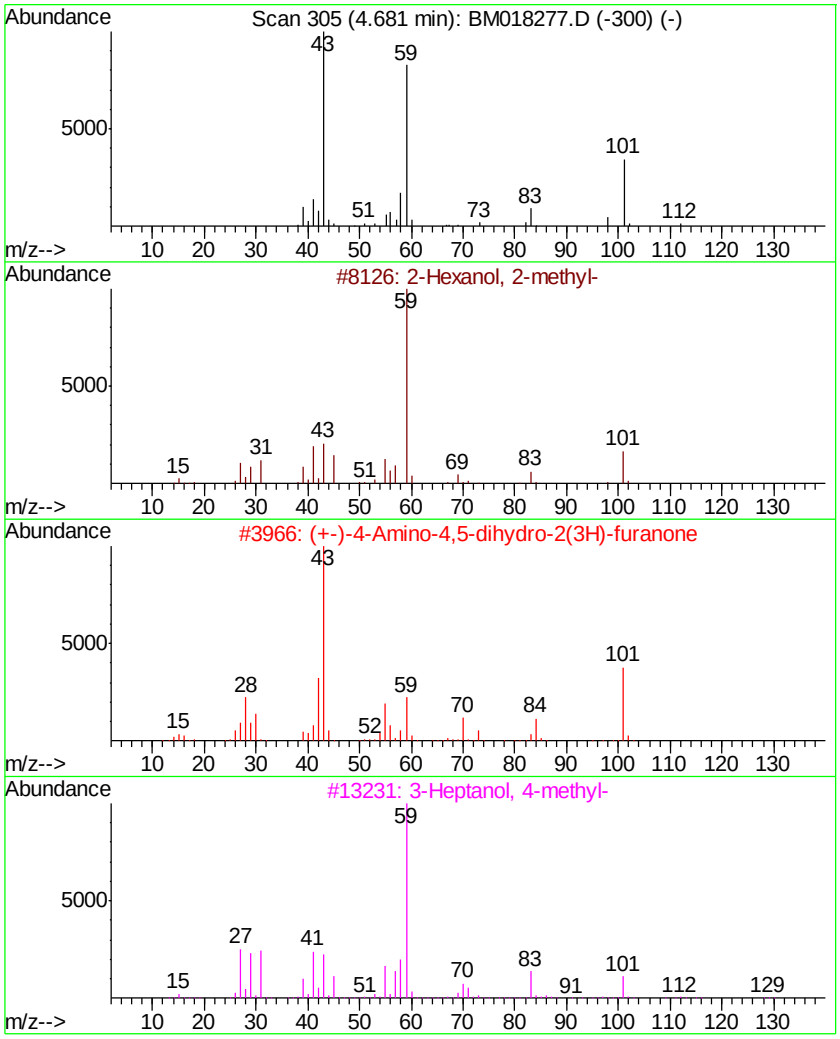
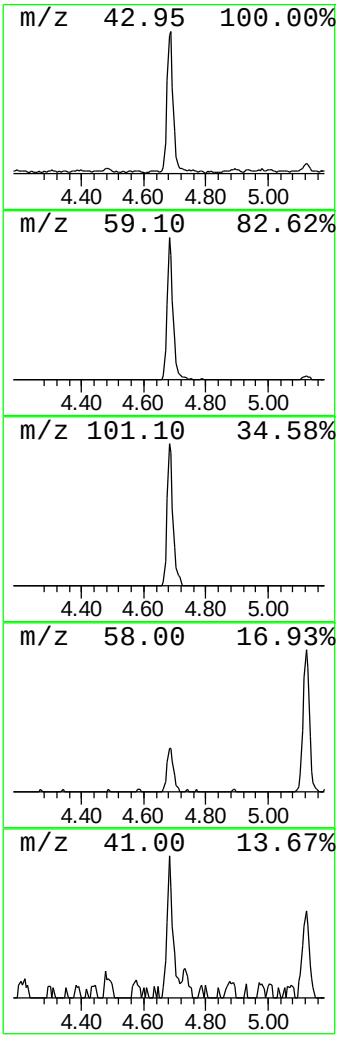
Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.60 ng	148912	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	36
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	33
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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TIC Library : C:\DATABASE\NIST02.L
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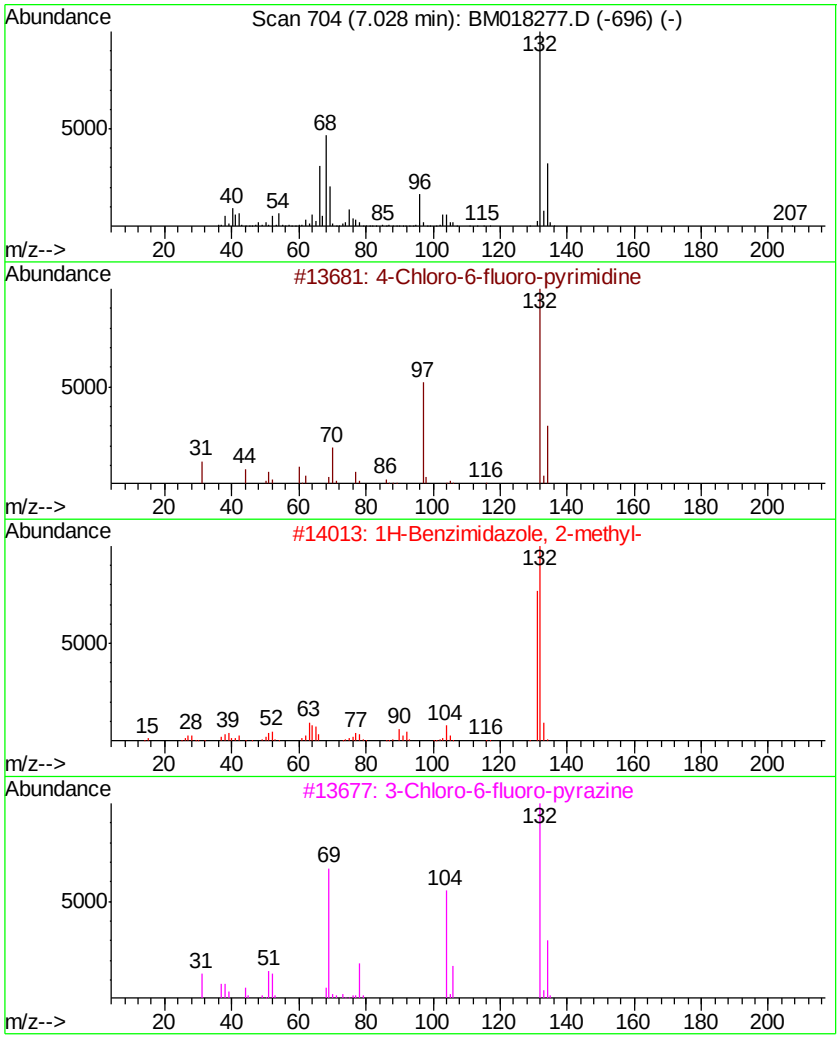
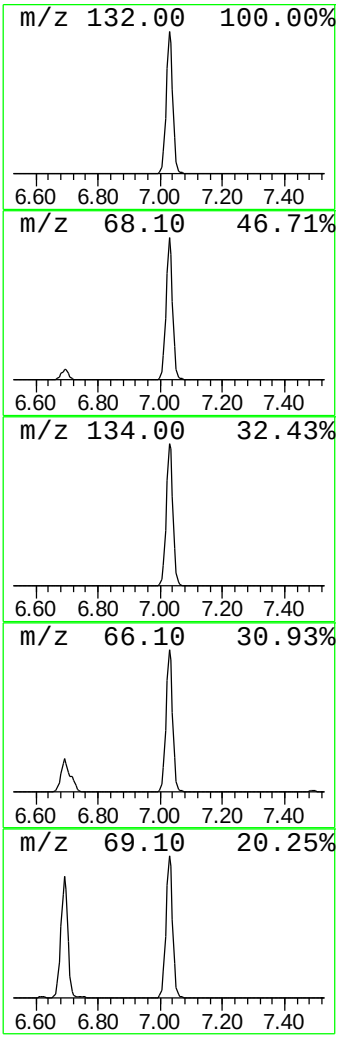
Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	114.00 ng	4716030	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Data File : BM018277.D
Acq On : 18 Dec 2018 18:47
Operator : JU/SJ
Sample : J6340-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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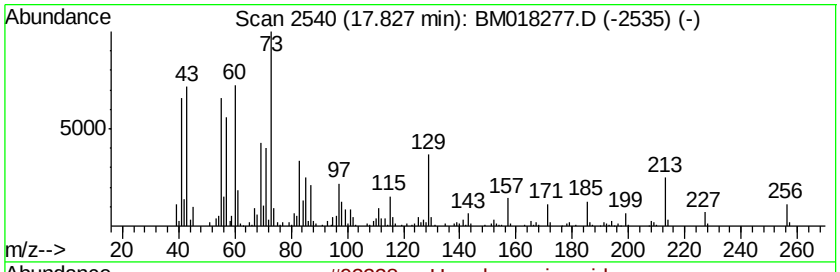
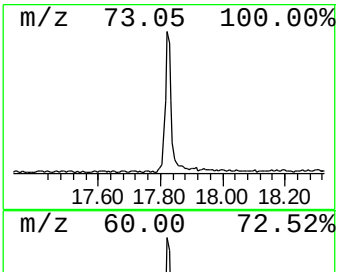
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	12.58 ng	781397	Phenanthrene-d10	16.91

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	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	41
5	Hexadecane	226	C16H34	000544-76-3	18





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Data File : BM018277.D
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Operator : JU/SJ
Sample : J6340-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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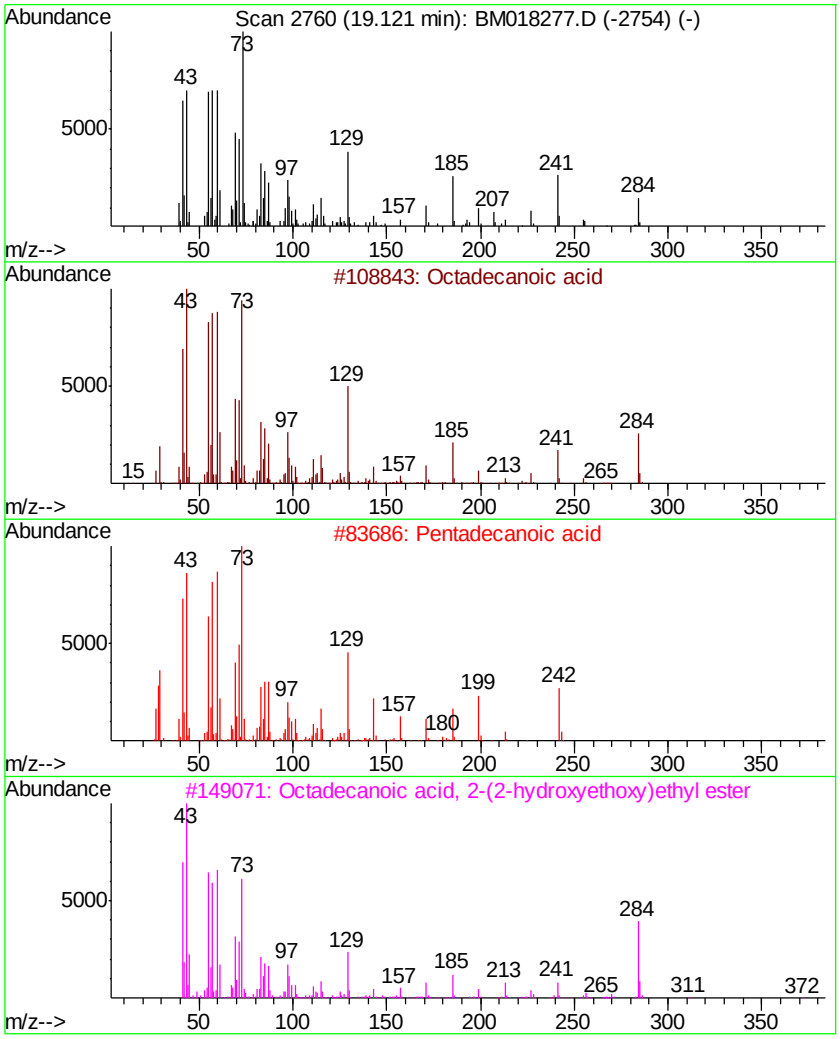
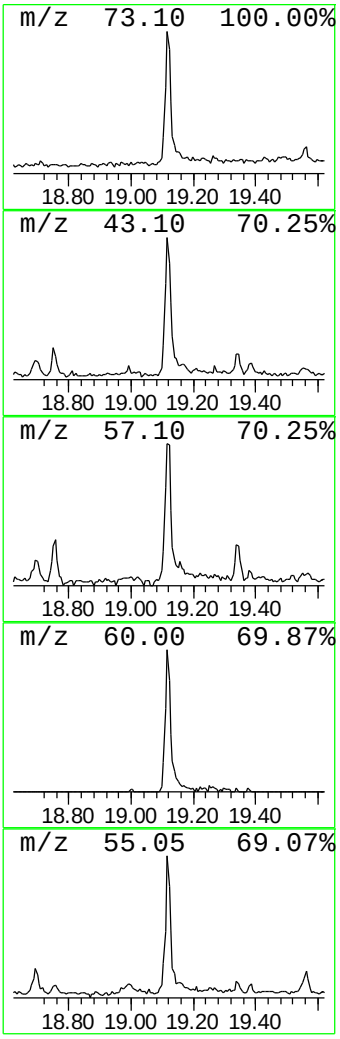
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	6.12 ng	372942	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Misc :
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Instrument : BNA_M
ClientSampleId : SB-04B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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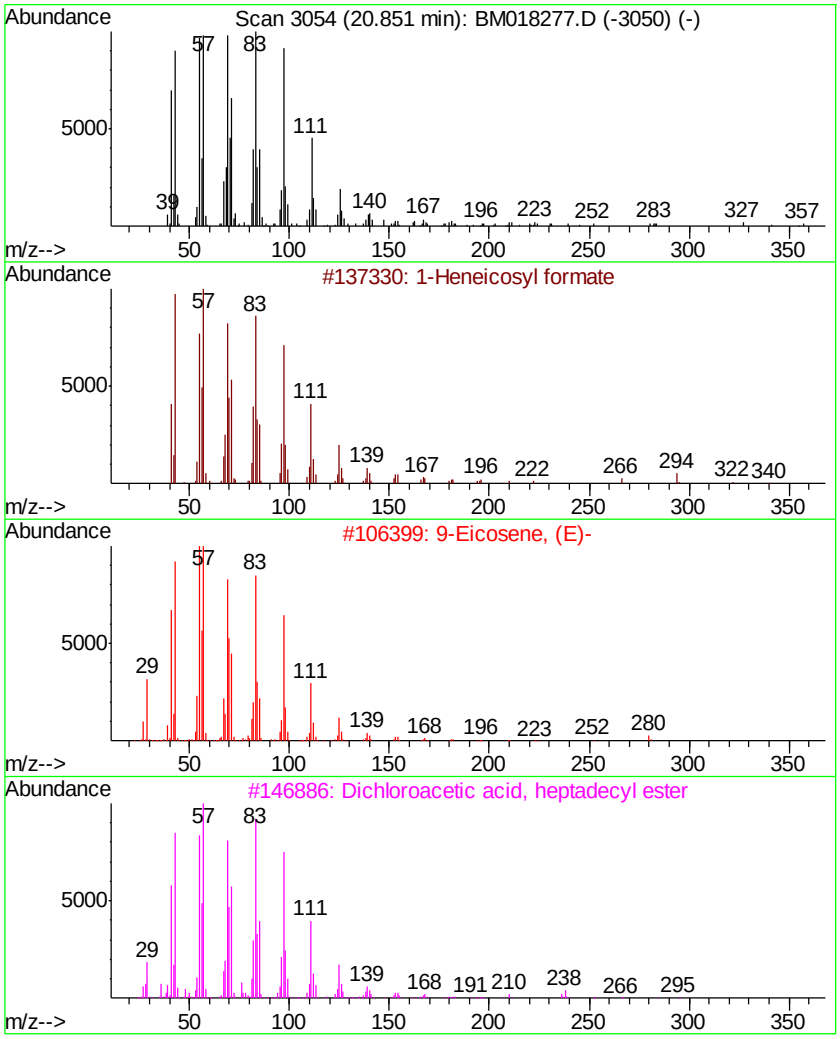
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

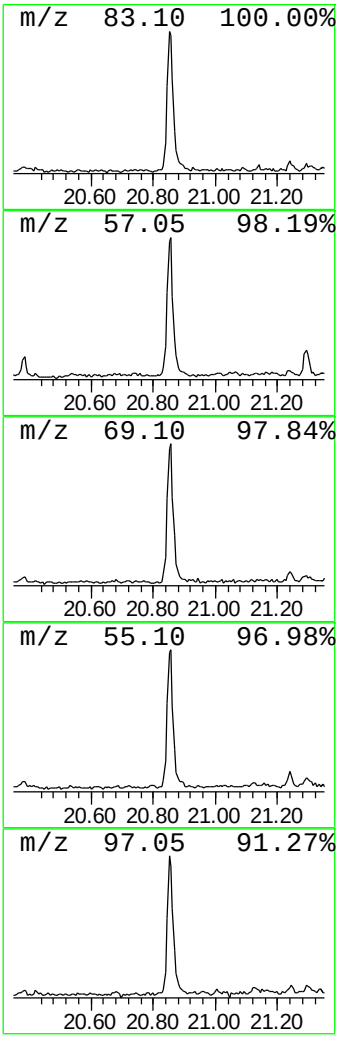
****

Peak Number 6 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	8.24 ng	502549	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	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
2-Hexanol, 2-methyl-	4.68	3.6	ng	148912	1	7.49	827358	20.0
unknown7.03	7.03	114.0	ng	4716030	1	7.49	827358	20.0
n-Hexadecanoic acid	17.83	12.6	ng	781397	4	16.91	1242690	20.0
Octadecanoic acid	19.12	6.1	ng	372942	5	21.13	1219200	20.0
1-Heneicosyl formate	20.85	8.2	ng	502549	5	21.13	1219200	20.0