LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018276.D
Acq On : 18 Dec 2018 18:11
Operator : JU/SJ
Sample : J6340-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-05B

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	313	rBV	95051	133488	2.72%	0.342%
2	5.122	374	380	400	rBV	2484965	3471246	70.81%	8.890%
3	6.692	638	647	664	rBV	2395748	3931128	80.20%	10.068%
4	7.028	697	704	714	rBV	2602497	3923137	80.03%	10.048%
5	7.487	776	782	791	rVB	547999	840933	17.16%	2.154%
6	7.798	828	835	846	rVB	1815644	2815207	57.43%	7.210%
7	8.645	971	979	995	rBV	1349186	2299733	46.92%	5.890%
8	10.251	1245	1252	1269	rBV	620857	1139149	23.24%	2.918%
9	12.751	1670	1677	1692	rBV	3186965	4900258	99.97%	12.550%
10	13.621	1819	1825	1837	rBV	257515	421579	8.60%	1.080%
11	14.145	1907	1914	1929	rBV2	898567	1404529	28.65%	3.597%
12	15.651	2164	2170	2189	rBV	2308983	3466563	70.72%	8.879%
13	16.909	2377	2384	2390	rBV	962945	1471787	30.02%	3.770%
14	17.821	2530	2539	2552	rBV2	190501	309705	6.32%	0.793%
15	18.986	2731	2737	2745	rBV	108662	166539	3.40%	0.427%
16	19.115	2753	2759	2767	rBV4	82375	150149	3.06%	0.385%
17	19.351	2791	2799	2808	rBV	124091	197690	4.03%	0.506%
18	19.562	2830	2835	2847	rVB	4103817	4901896	100.00%	12.555%
19	20.856	3051	3055	3064	rBV4	118127	177011	3.61%	0.453%
20	21.133	3095	3102	3106	rBV	1082916	1469978	29.99%	3.765%
21	22.644	3356	3359	3364	rBV3	76369	152739	3.12%	0.391%
22	23.291	3462	3469	3480	rBV	693311	1300000	26.52%	3.330%

Sum of corrected areas: 39044444

LSC Report - Integrated Chromatogram

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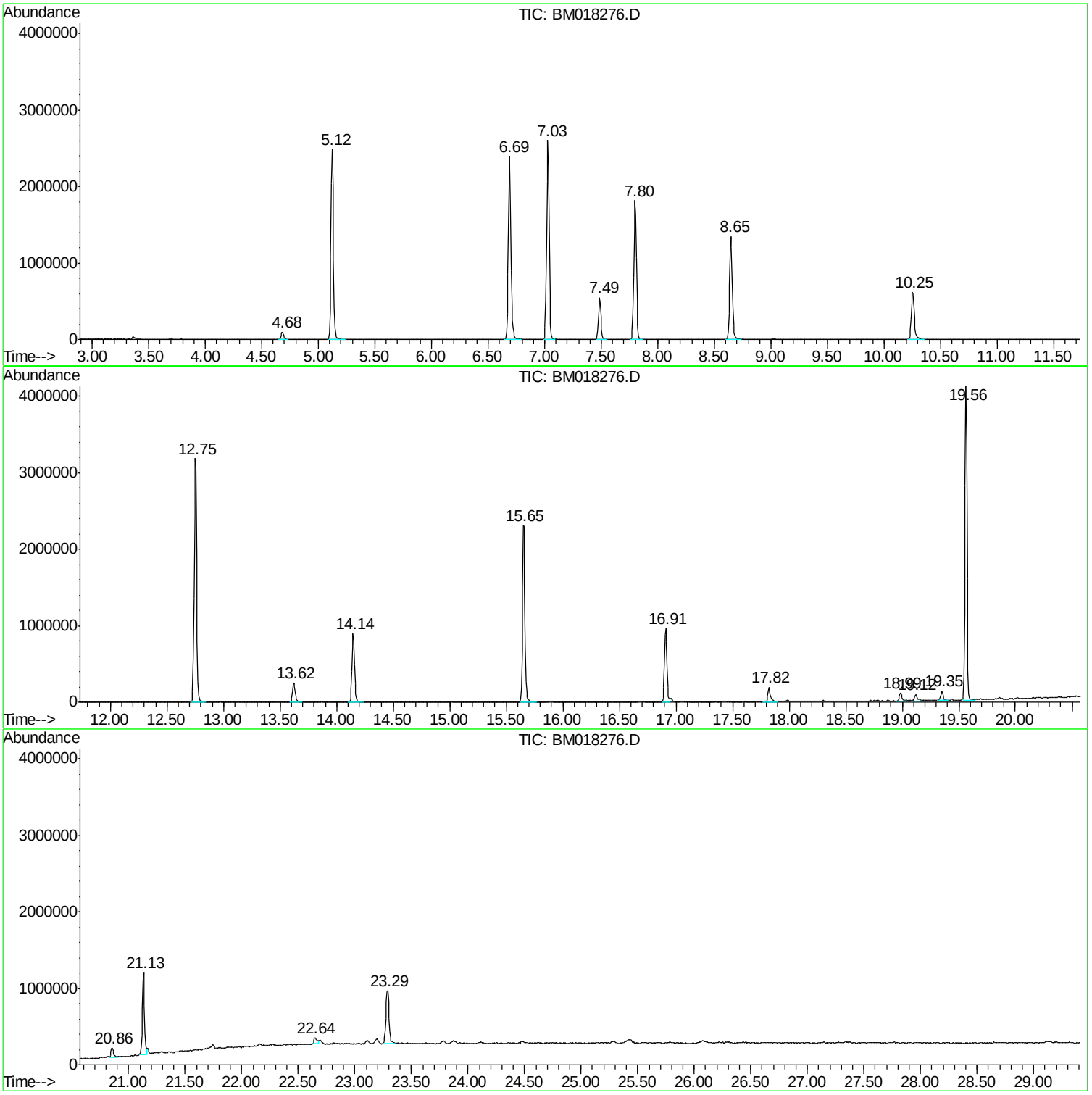
Instrument : BNA_M
ClientSampleId : SB-05B

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\
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Operator : JU/SJ
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Misc :
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Instrument : BNA_M
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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

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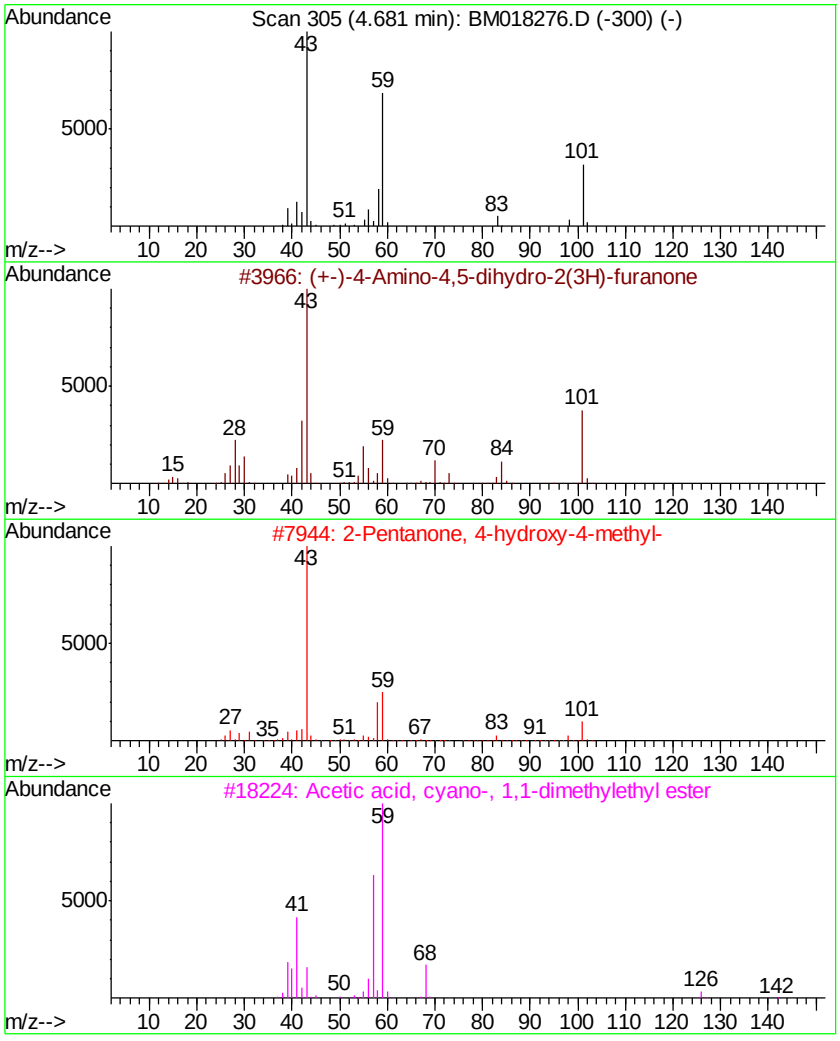
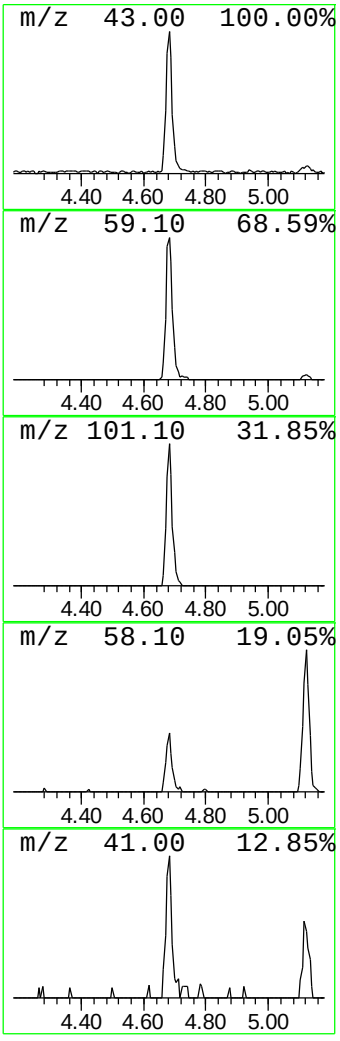
Peak Number 1 unknown4.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.17 ng	133488	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	10





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Acq On : 18 Dec 2018 18:11
Operator : JU/SJ
Sample : J6340-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-05B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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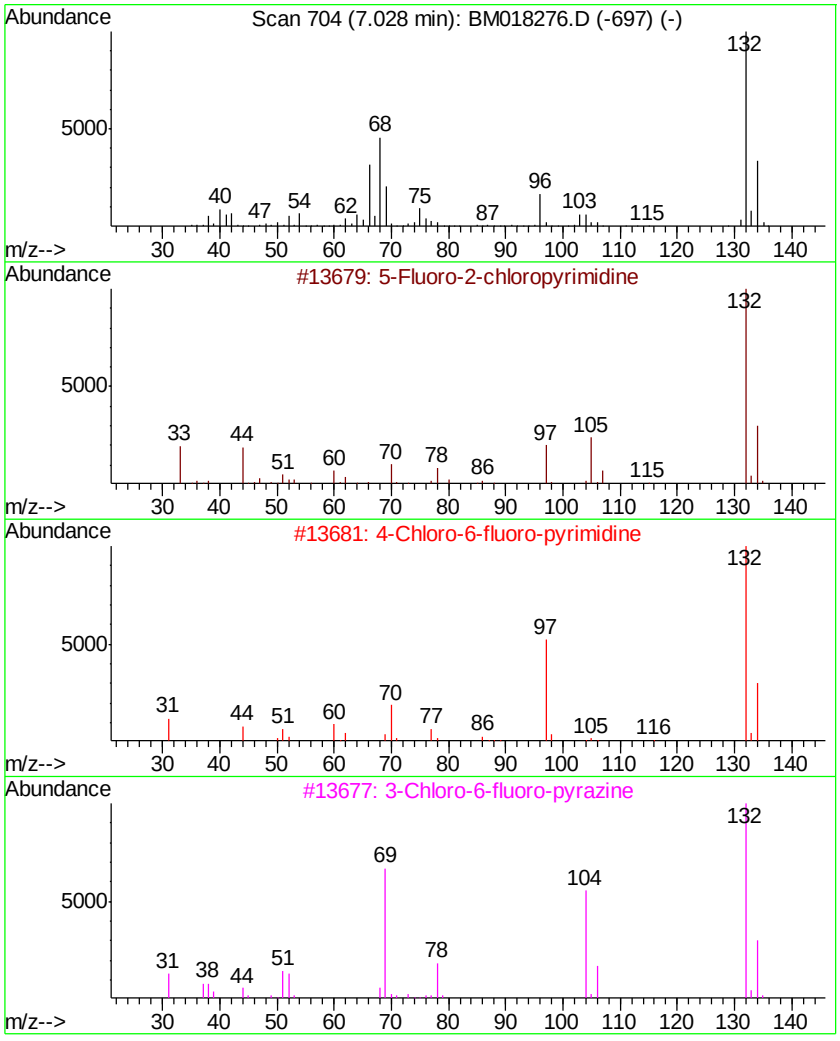
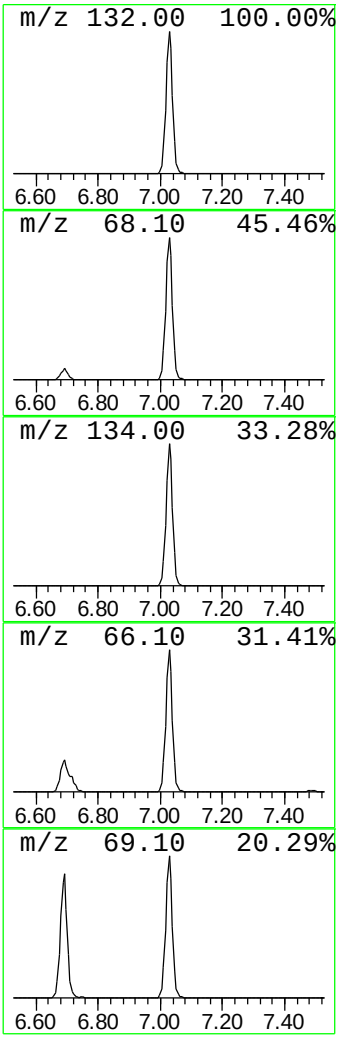
Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	93.30 ng	3923140	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Operator : JU/SJ
Sample : J6340-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-05B

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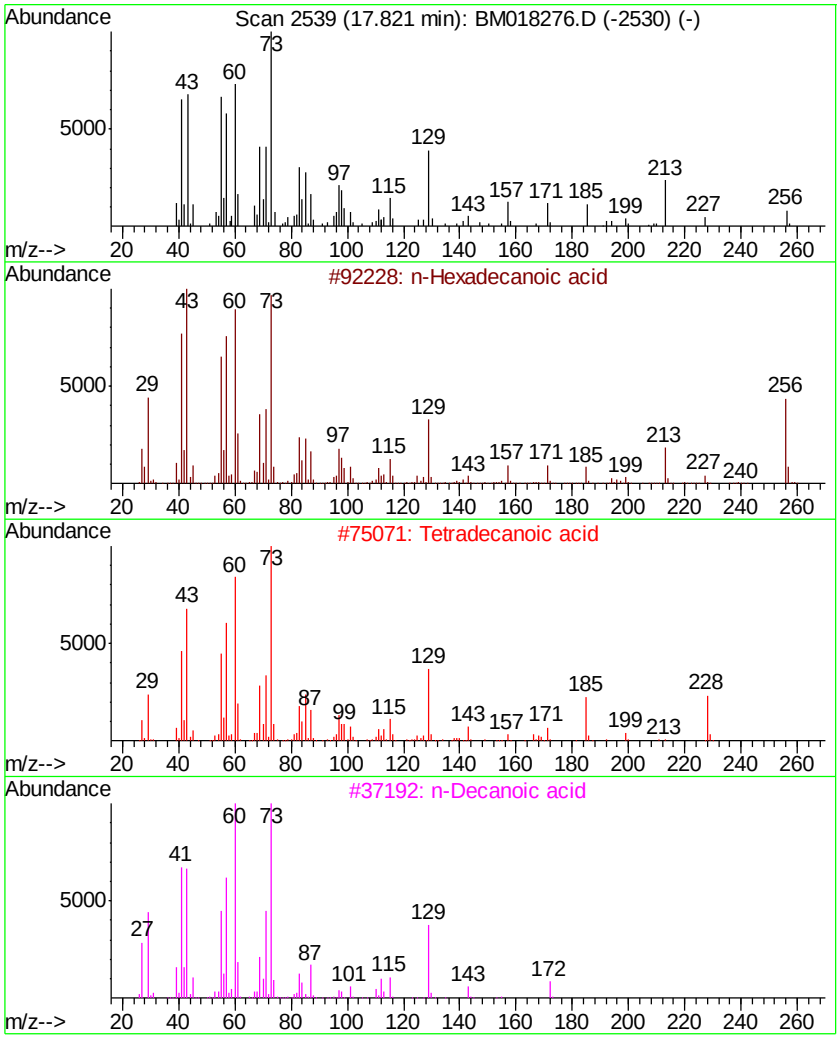
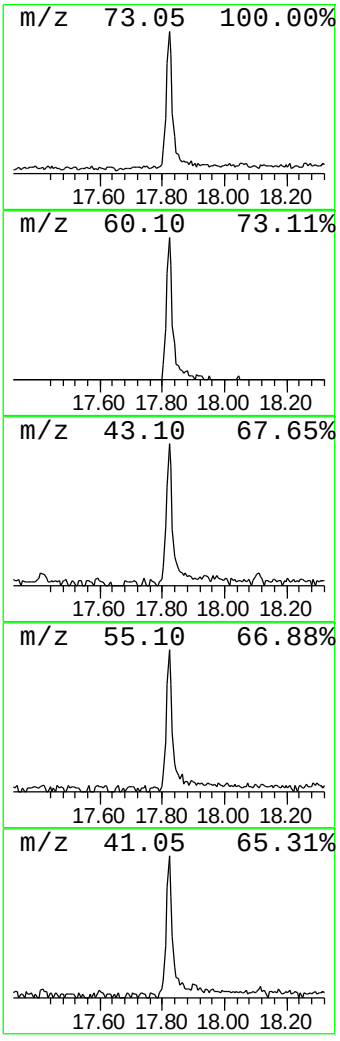
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	4.21 ng	309705	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Tritetracontane	605	C43H88	007098-21-7	14





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Operator : JU/SJ
Sample : J6340-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-05B

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

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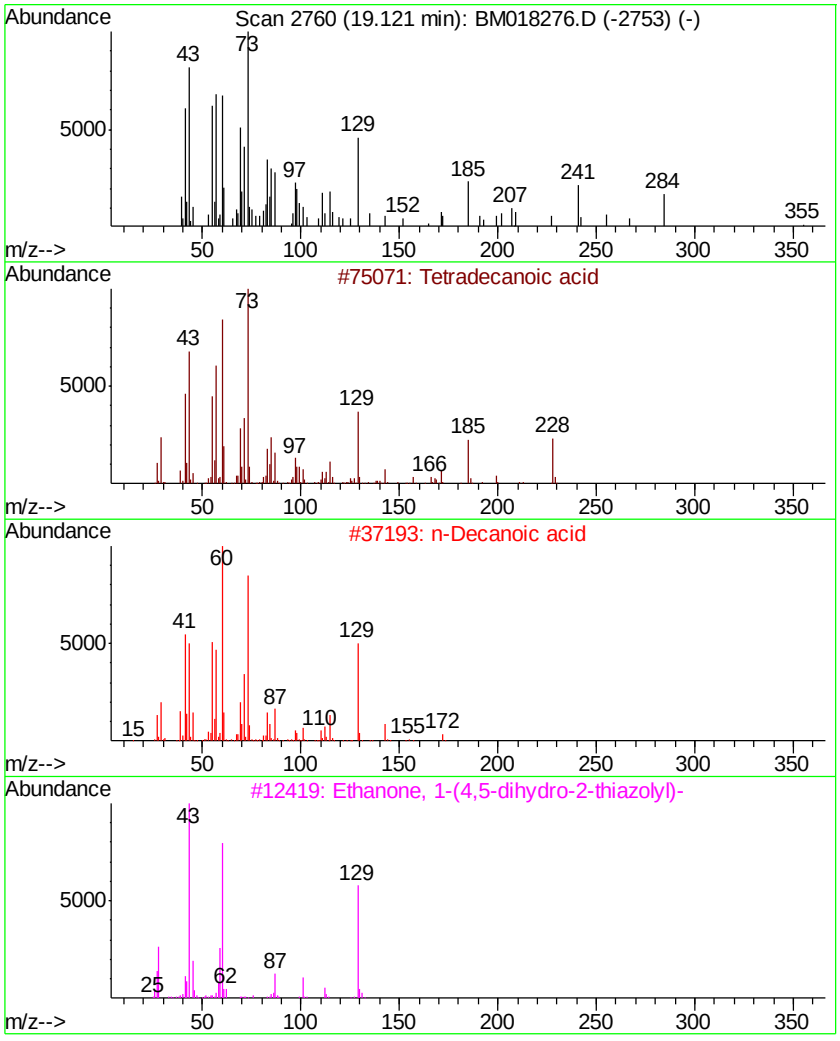
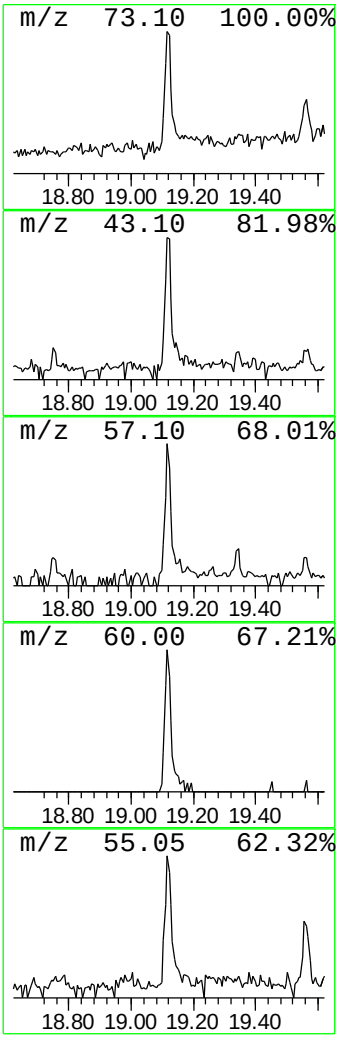
Peak Number 6 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.04 ng	150149	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2	n-Decanoic acid	172	C10H20O2	000334-48-5	47
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30
4	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	27
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	10





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-05B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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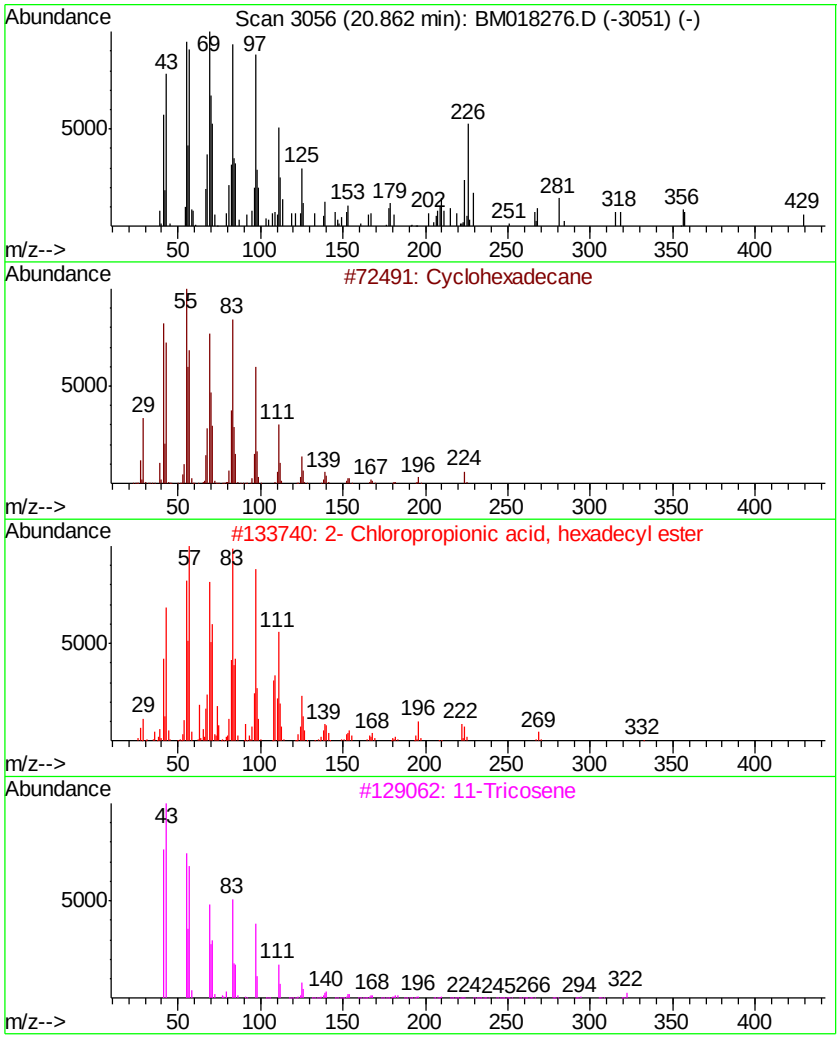
TIC Integration Parameters: LSCINT.P

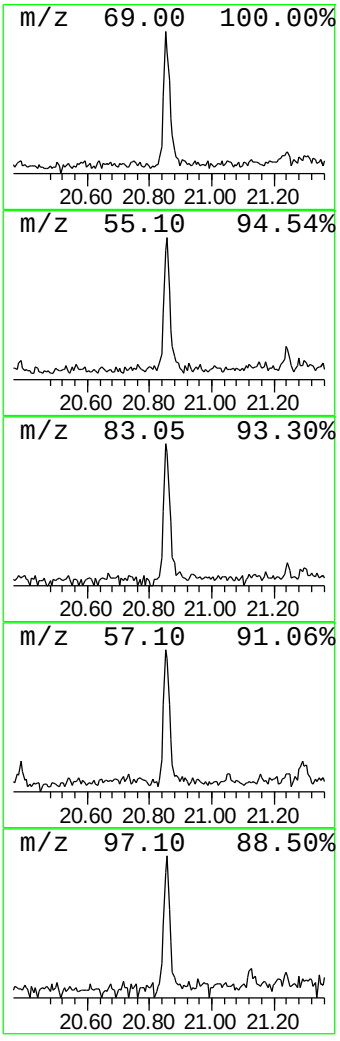
****

Peak Number 7 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.41 ng	177011	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	81
3	11-Tricosene	322	C23H46	052078-56-5	76
4	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	76
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	74





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
unknown4.68	4.68	3.2	ng	133488	1	7.49	840933	20.0
unknown7.03	7.03	93.3	ng	3923140	1	7.49	840933	20.0
n-Hexadecanoic acid	17.82	4.2	ng	309705	4	16.91	1471790	20.0
Tetradecanoic acid	19.12	2.0	ng	150149	5	21.13	1469980	20.0
Cyclohexadecane	20.86	2.4	ng	177011	5	21.13	1469980	20.0