LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018586.D
Acq On : 16 Jan 2019 16:50
Operator : JU/SJ
Sample : K1147-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-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	4.887	301	306	316	rVB	104579	166888	1.50%	0.298%
2	5.334	376	382	396	rBV	2474166	3832849	34.43%	6.835%
3	6.922	645	652	670	rBV	2696177	4435463	39.85%	7.910%
4	7.281	706	713	724	rBV	2864248	4526976	40.67%	8.073%
5	7.745	786	792	798	rBV	480377	749194	6.73%	1.336%
6	8.063	839	846	855	rBV	2125793	3378618	30.35%	6.025%
7	8.910	982	990	1005	rBV	1549515	2644504	23.76%	4.716%
8	10.539	1258	1267	1275	rBV	639311	1080246	9.70%	1.926%
9	13.010	1680	1687	1699	rBV	4384264	6464416	58.07%	11.528%
10	13.857	1820	1831	1838	rBV	344073	521543	4.69%	0.930%
11	14.263	1893	1900	1909	rBV	69837	156595	1.41%	0.279%
12	14.398	1916	1923	1931	rVB2	970826	1499128	13.47%	2.673%
13	15.892	2170	2177	2189	rBV	4111505	6085229	54.67%	10.852%
14	17.145	2382	2390	2400	rBV2	1364995	1967830	17.68%	3.509%
15	18.033	2536	2541	2549	rBV	374761	598805	5.38%	1.068%
16	19.315	2756	2759	2768	rBV2	104504	178245	1.60%	0.318%
17	19.780	2832	2838	2844	rBV	8750429	11131708	100.00%	19.852%
18	21.033	3048	3051	3058	rBV	292098	379262	3.41%	0.676%
19	21.339	3098	3103	3109	rBV	2504083	3049484	27.39%	5.438%
20	23.615	3484	3490	3500	rVB2	1633445	3226971	28.99%	5.755%

Sum of corrected areas: 56073954

LSC Report - Integrated Chromatogram

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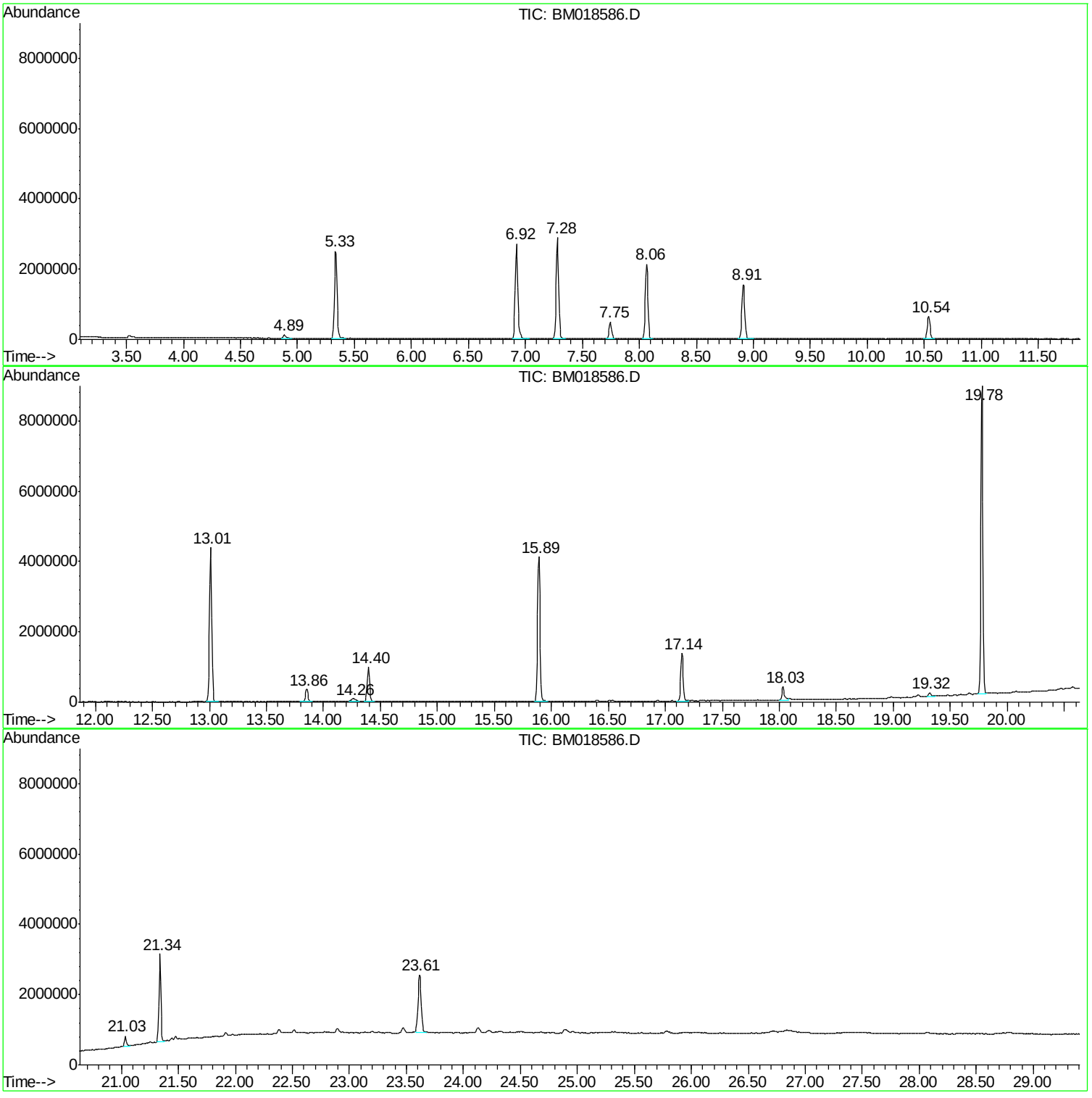
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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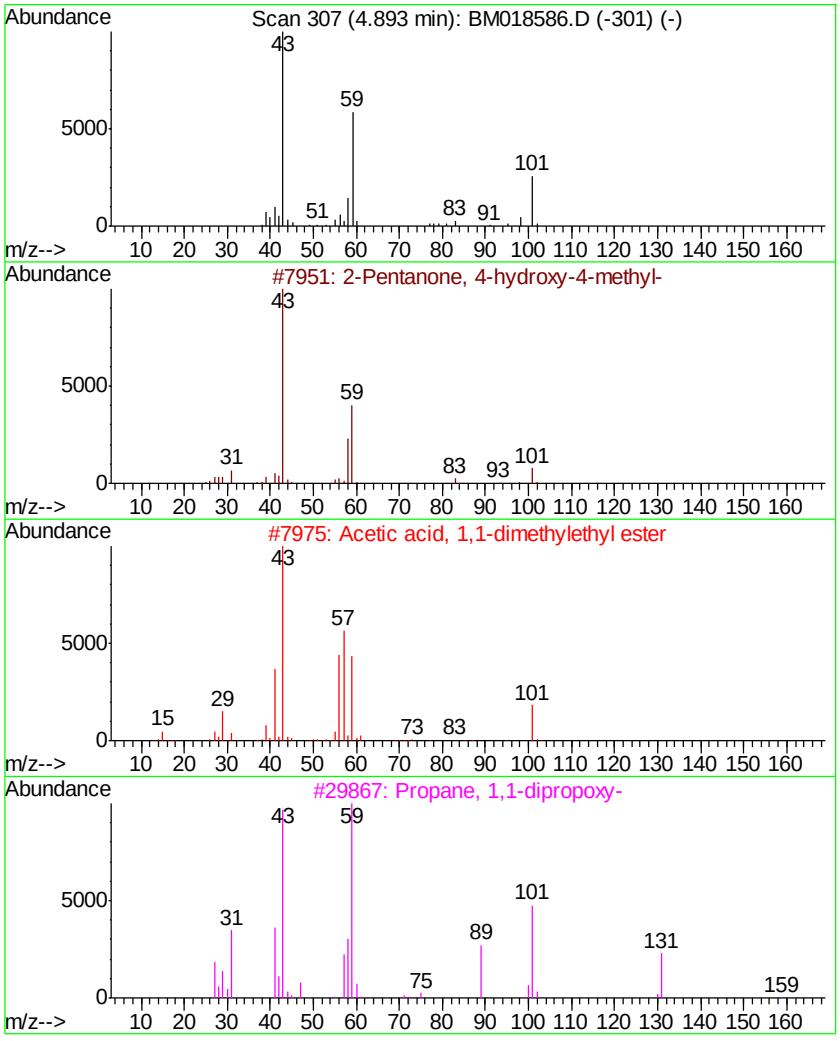
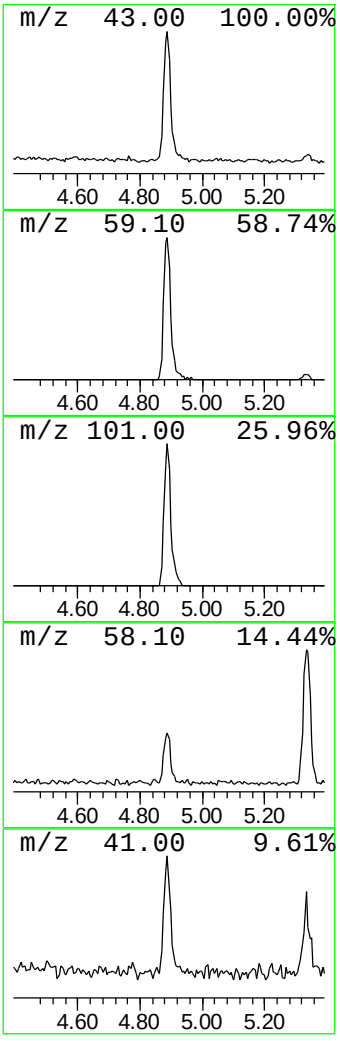
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	4.46 ng	166888	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





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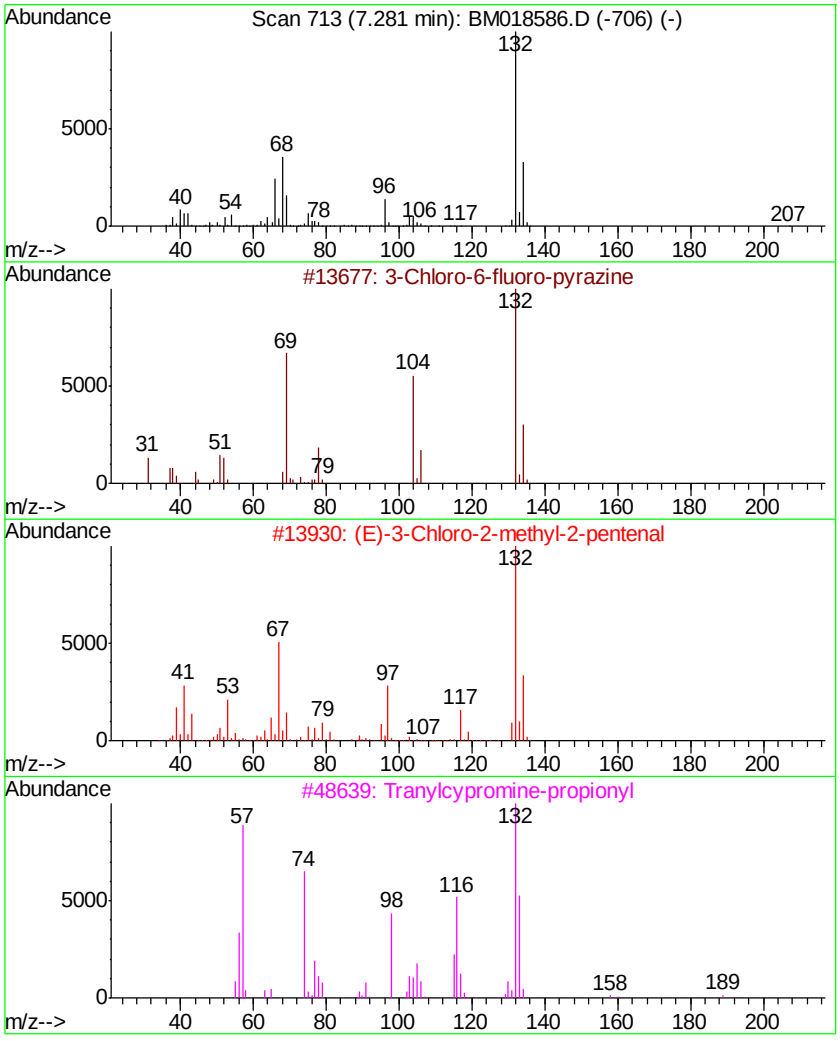
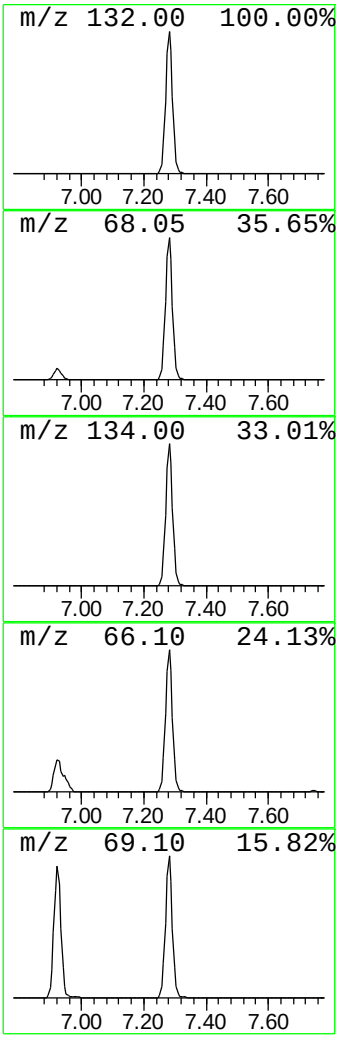
Peak Number 2 unknown7.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	120.85 ng	4526980	1,4-Dichlorobenzene-d4	7.75

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	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Instrument : BNA_M
ClientSampleId : TP-8

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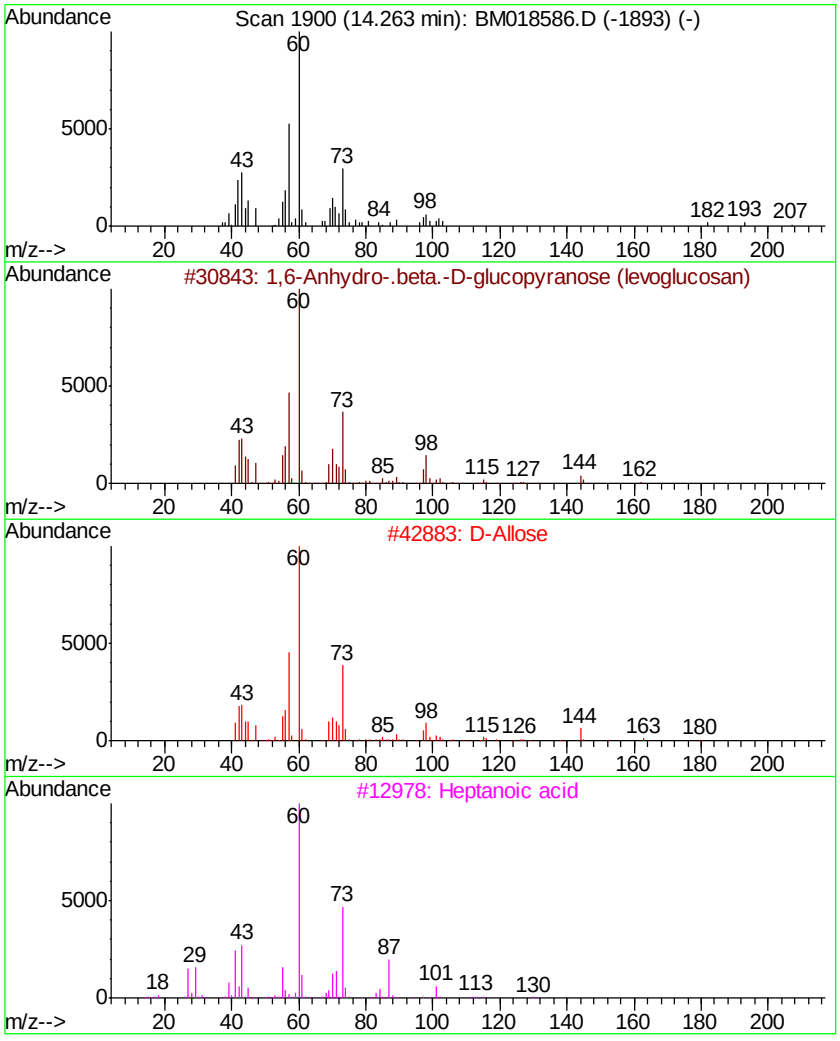
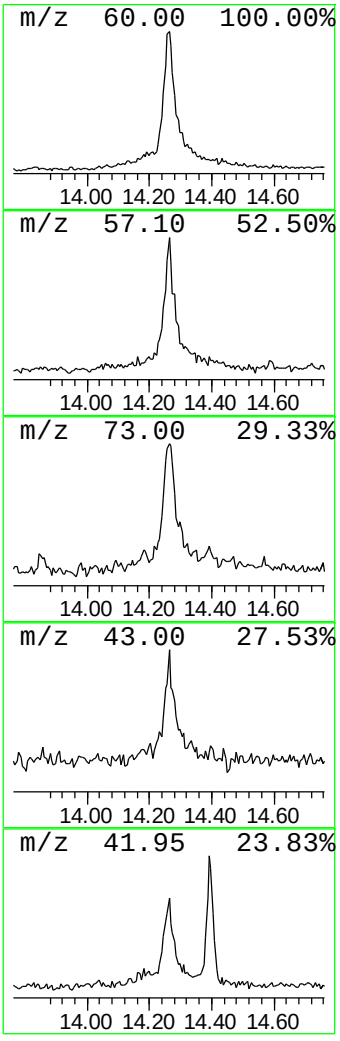
Peak Number 4 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.09 ng	156595	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	90
2	D-Allose	180	C6H12O6	002595-97-3	72
3	Heptanoic acid	130	C7H14O2	000111-14-8	53
4	1,6-Anhydro-.beta.-d-talopyranose	162	C6H10O5	1000133-05-8	50
5	3,4-Altrosan	162	C6H10O5	1000129-76-4	42





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
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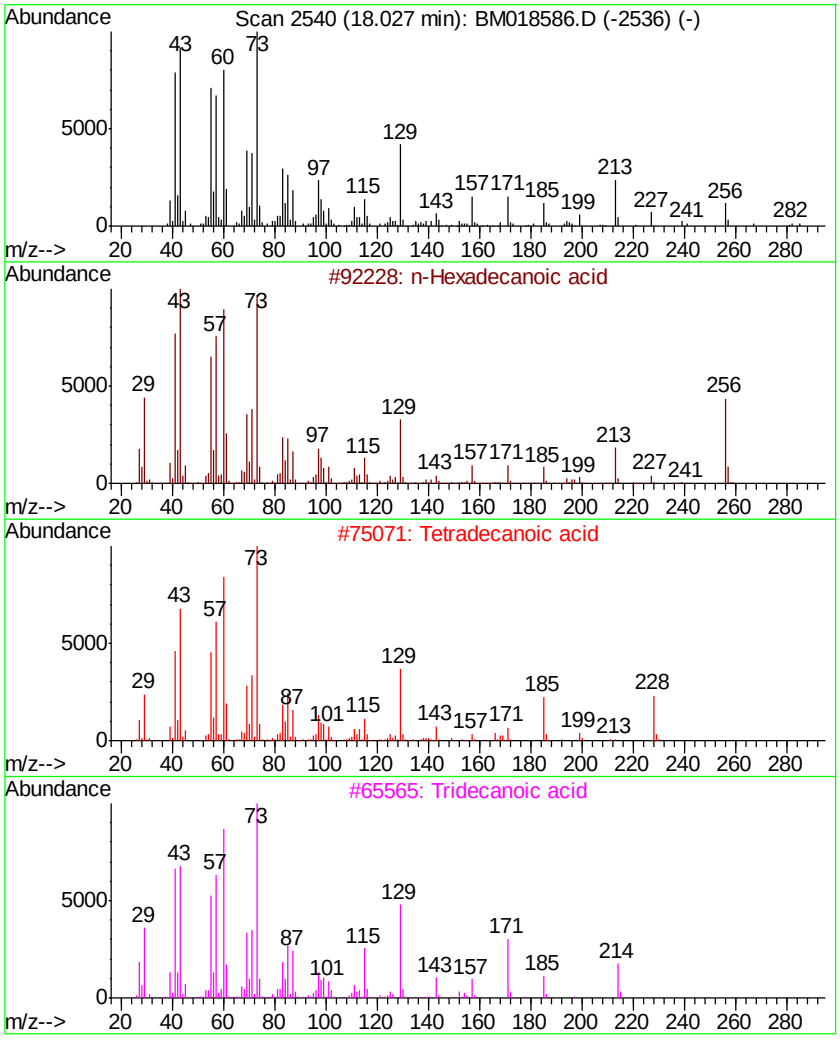
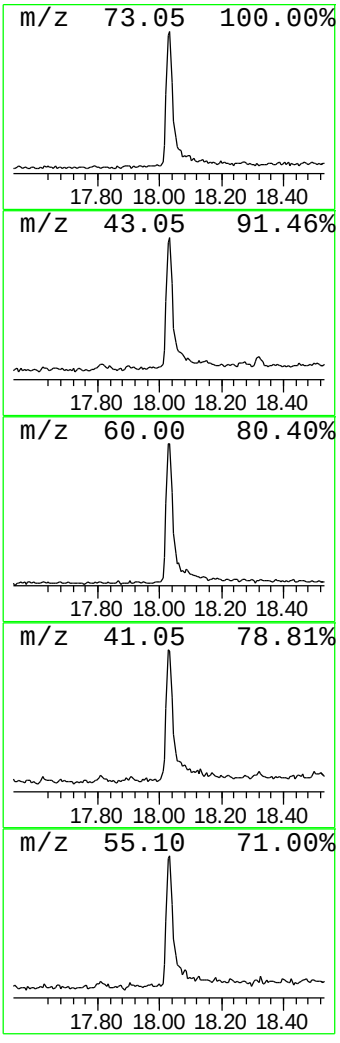
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	6.09 ng	598805	Phenanthrene-d10	17.14

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





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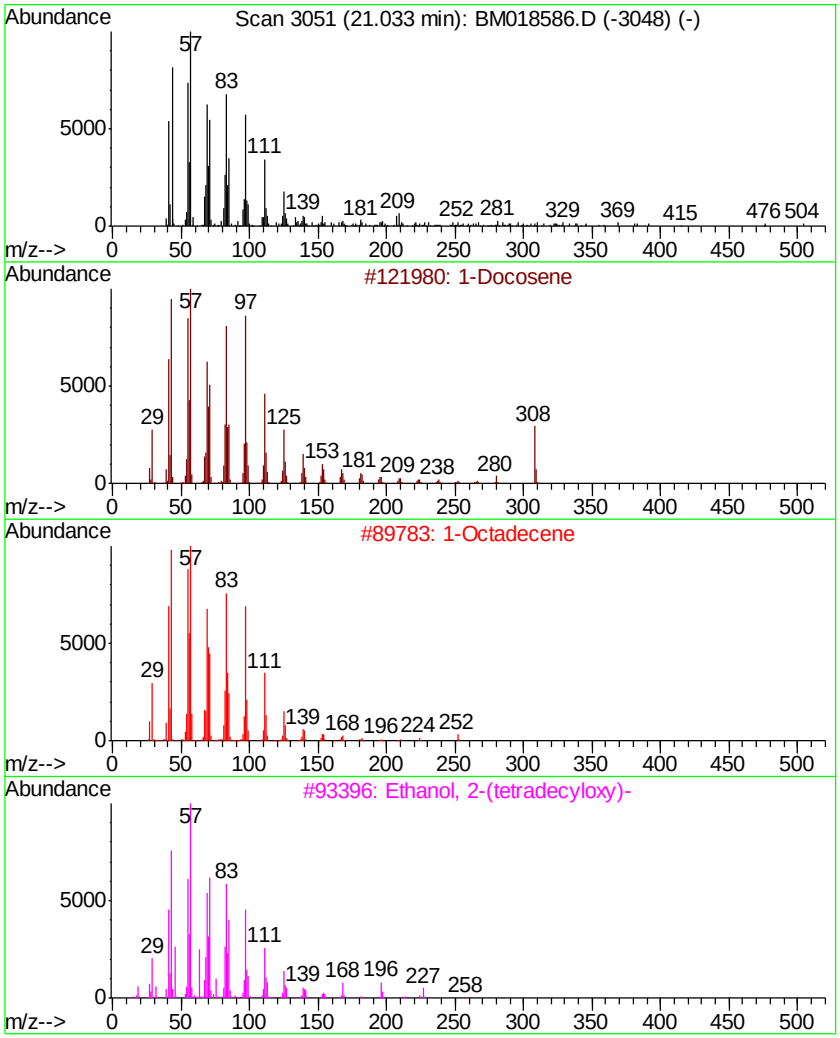
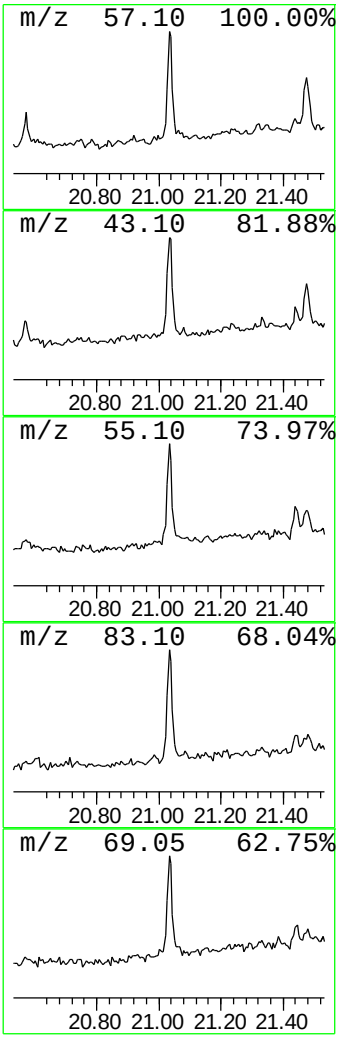
****

Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.49 ng	379262	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	1-Octadecene	252	C18H36	000112-88-9	97
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	4.5	ng	166888	1	7.75	749194	20.0
unknown7.28	7.28	120.8	ng	4526980	1	7.75	749194	20.0
1,6-Anhydro-.beta...	14.26	2.1	ng	156595	3	14.39	1499130	20.0
n-Hexadecanoic acid	18.03	6.1	ng	598805	4	17.14	1967830	20.0
1-Docosene	21.03	2.5	ng	379262	5	21.34	3049480	20.0