LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

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-BM043019.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	5.369	399	405	415	rBV	1358896	1939207	19.92%	4.429%
2	6.957	666	675	685	rBV	817889	1337704	13.74%	3.055%
3	7.322	729	737	745	rBV	2421311	3809374	39.14%	8.699%
4	7.787	809	816	823	rBV	477064	745948	7.66%	1.703%
5	8.104	862	870	878	rBV	2118850	3443728	35.38%	7.864%
6	8.957	1006	1015	1025	rBV	1751049	2976099	30.58%	6.796%
7	10.581	1283	1291	1298	rBV	529206	916518	9.42%	2.093%
8	13.051	1703	1711	1720	rBV	4332941	6259708	64.32%	14.295%
9	14.292	1915	1922	1933	rVB3	47452	132998	1.37%	0.304%
10	14.433	1940	1946	1952	rVB2	794531	1185990	12.19%	2.708%
11	15.251	2075	2085	2091	rBV	718027	935046	9.61%	2.135%
12	15.927	2193	2200	2213	rBV	3108053	4690686	48.20%	10.712%
13	17.180	2407	2413	2419	rBV2	1030453	1461663	15.02%	3.338%
14	17.939	2535	2542	2549	rBV7	60521	147996	1.52%	0.338%
15	18.057	2558	2562	2573	rBV	207600	311737	3.20%	0.712%
16	19.339	2776	2780	2792	rBV2	117671	224736	2.31%	0.513%
17	19.804	2853	2859	2868	rBV	8012972	9732535	100.00%	22.226%
18	21.057	3069	3072	3075	rVB2	136714	141043	1.45%	0.322%
19	21.362	3119	3124	3129	rBV	1215806	1599991	16.44%	3.654%
20	23.645	3507	3512	3522	rVB2	910930	1796532	18.46%	4.103%

Sum of corrected areas: 43789239

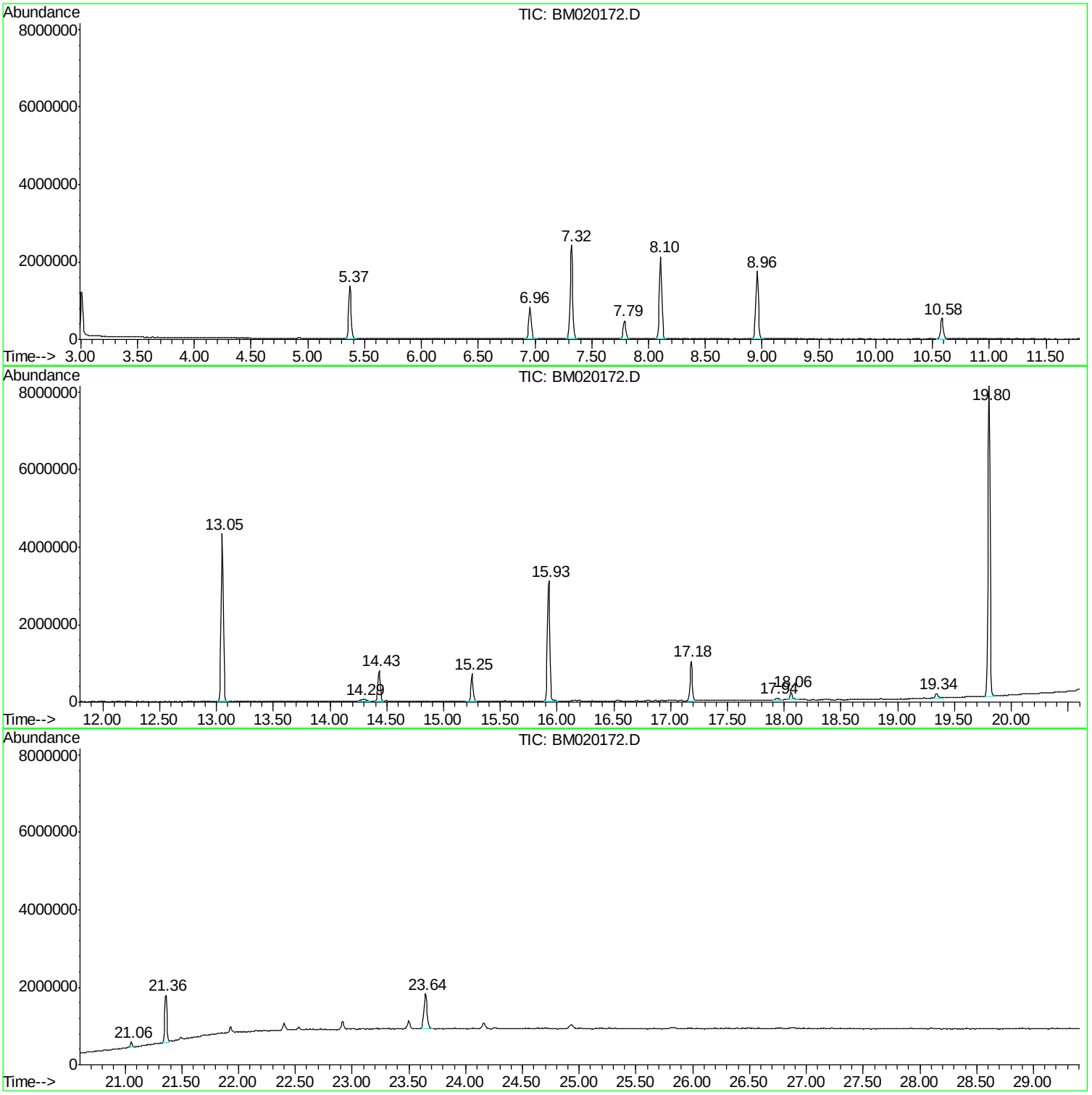
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

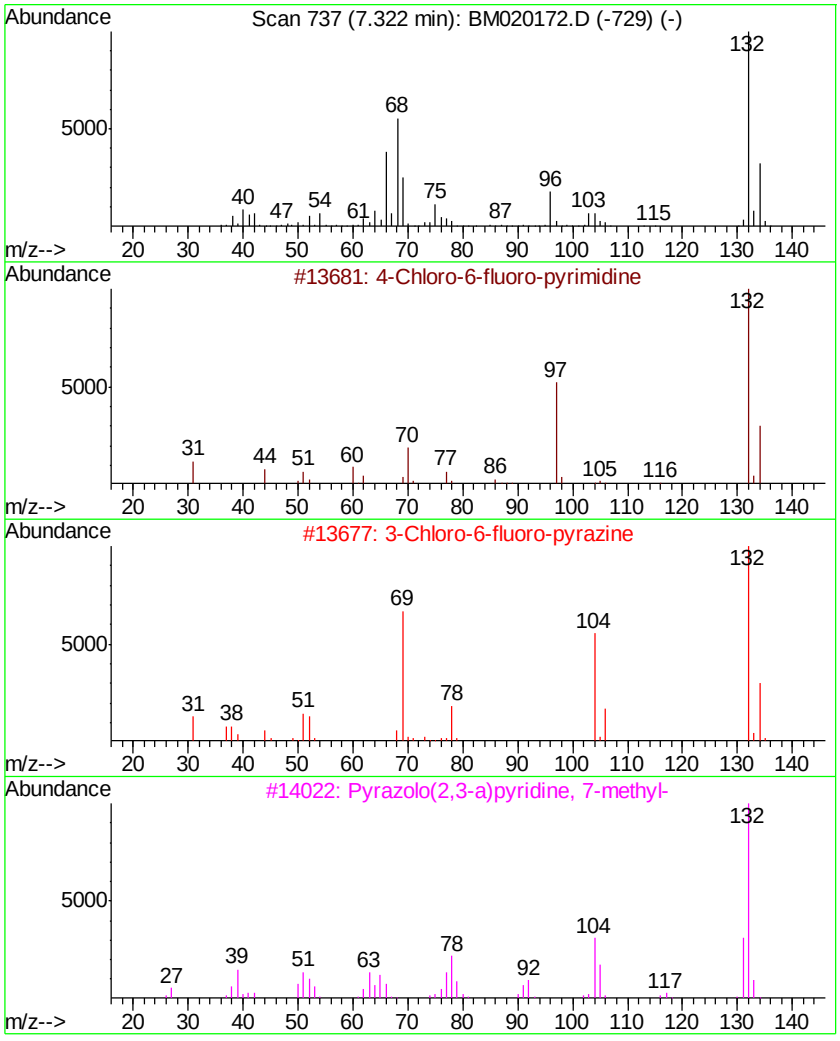
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

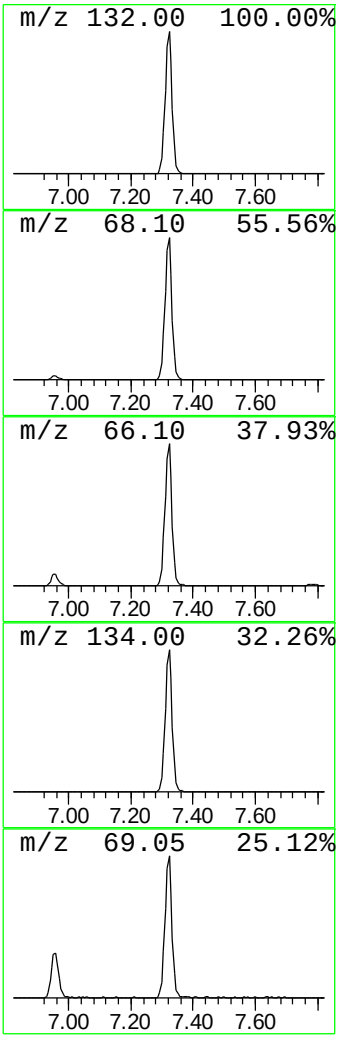
****

Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	102.14 ng	3809370	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

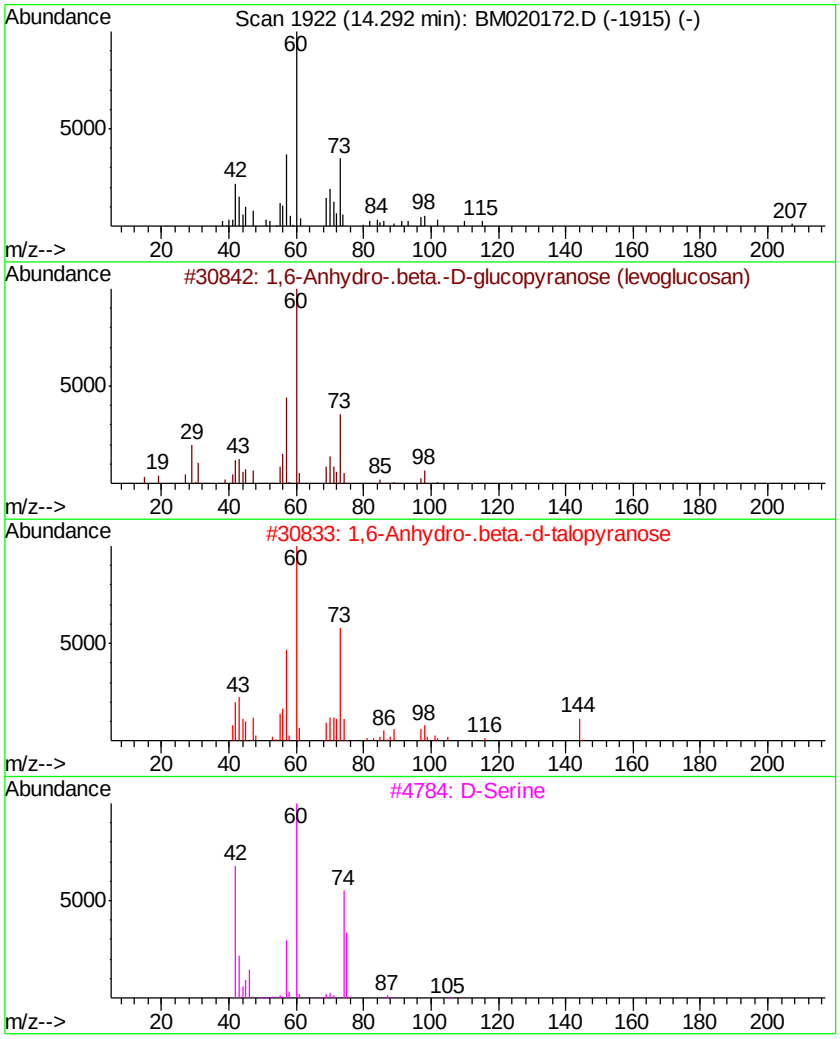
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

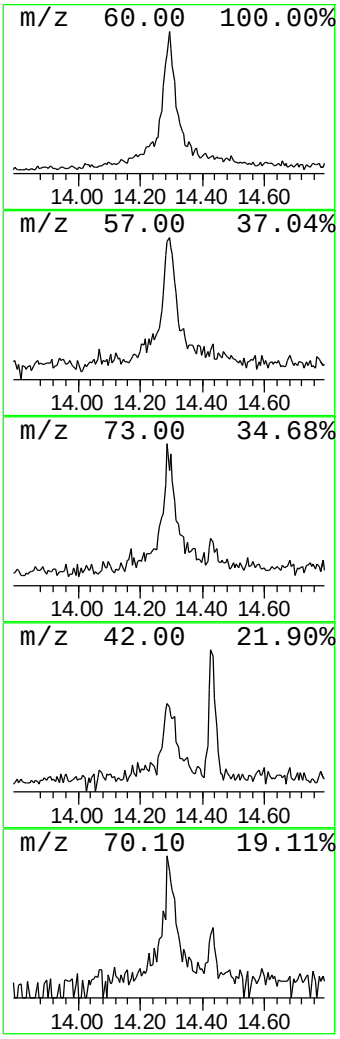
****

Peak Number 3 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.24 ng	132998	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	59
2	1,6-Anhydro-.beta.-d-talopyranose	162	C6H10O5	1000133-05-8	50
3	D-Serine	105	C3H7NO3	000312-84-5	47
4	5-Hexenoic acid	114	C6H10O2	001577-22-6	45
5	3,4-Altrosan	162	C6H10O5	1000129-76-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

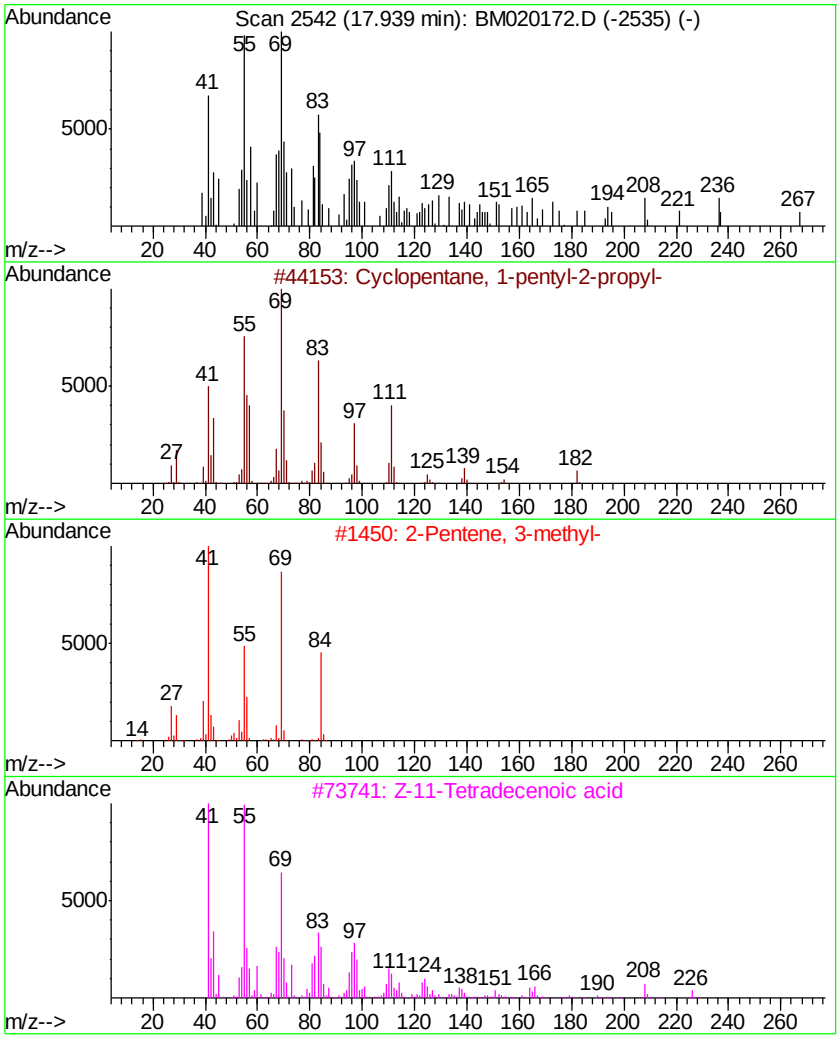
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

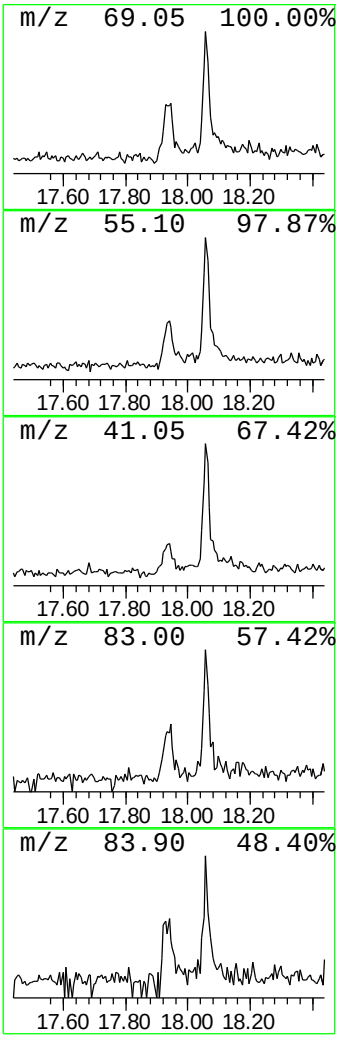
****

Peak Number 4 unknown17.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.03 ng	147996	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	46
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	43
3	Z-11-Tetradecenoic acid	226	C14H26O2	1000130-83-3	38
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	38
5	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

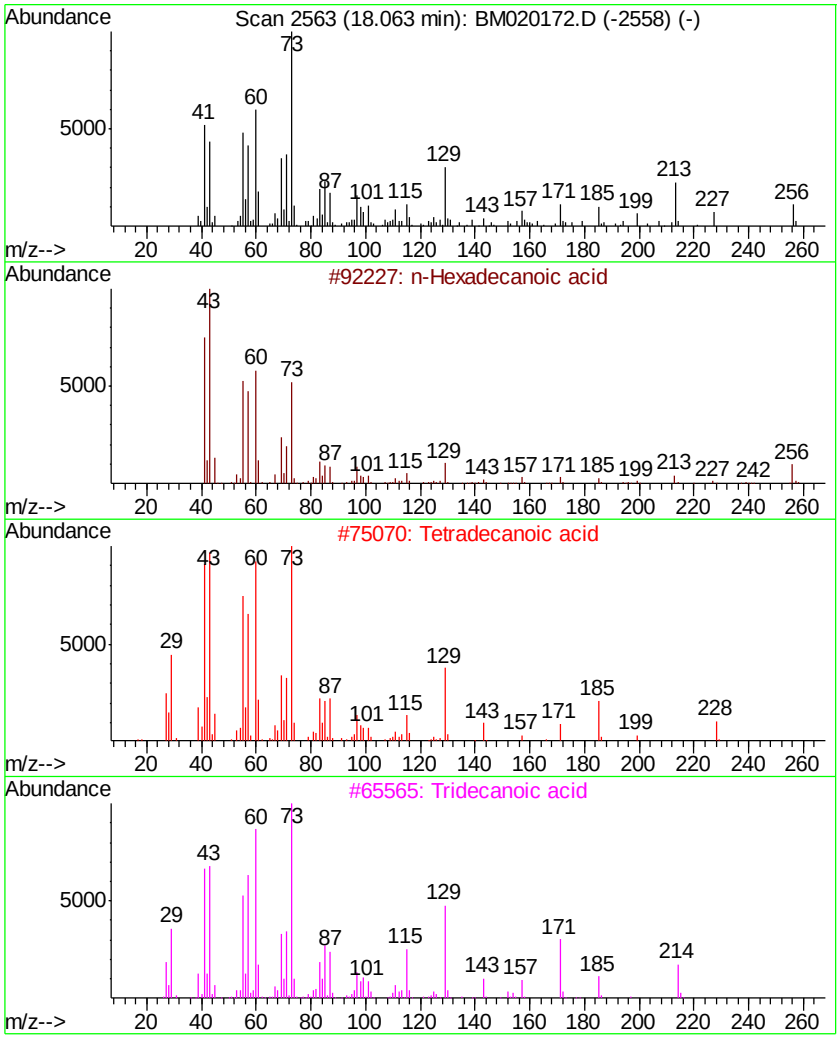
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

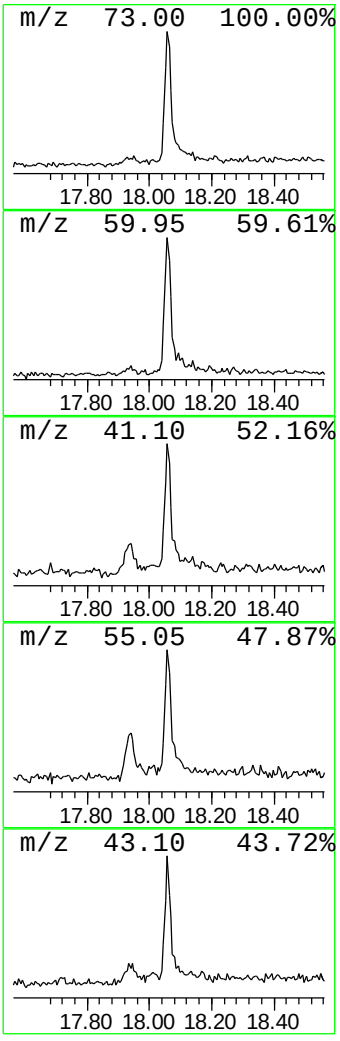
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	4.27 ng	311737	Phenanthrene-d10	17.18

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	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	30
5	Nonanoic acid	158	C9H18O2	000112-05-0	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

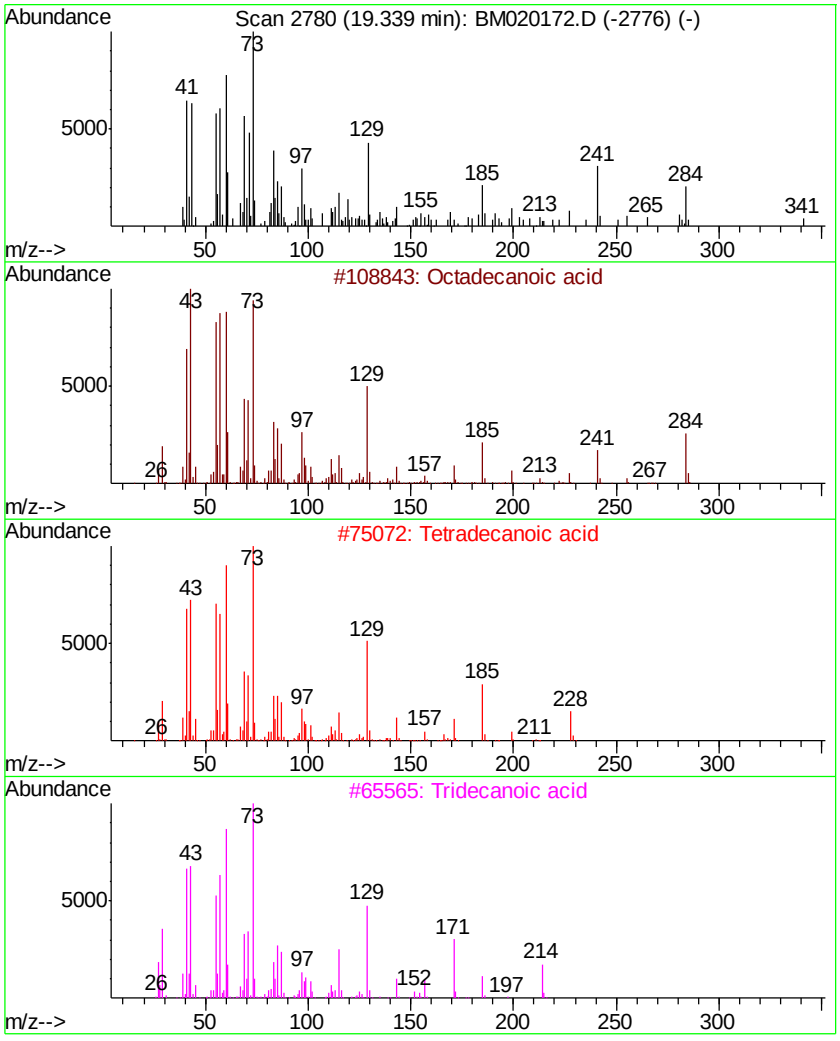
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

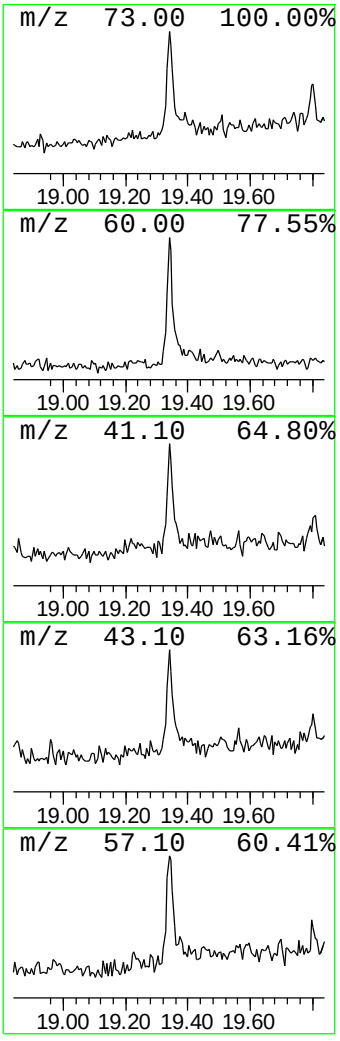
****

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.81 ng	224736	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050719\
Data File : BM020172.D
Acq On : 07 May 2019 19:27
Operator : JU/SJ
Sample : K2696-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190502

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.32	7.32	102.1	ng	3809370	1	7.79	745948	20.0
1,6-Anhydro-.beta...	14.29	2.2	ng	132998	3	14.43	1185990	20.0
unknown17.94	17.94	2.0	ng	147996	4	17.18	1461660	20.0
n-Hexadecanoic acid	18.06	4.3	ng	311737	4	17.18	1461660	20.0
Octadecanoic acid	19.34	2.8	ng	224736	5	21.36	1599990	20.0