LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019151.D
Acq On : 13 Mar 2019 18:16
Operator : JU/SJ
Sample : K1861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-07-031119

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-BM031119.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	4.816	307	311	320	rBV	153375	231279	1.37%	0.263%
2	5.257	380	386	401	rBV	4365439	6302128	37.24%	7.165%
3	6.840	648	655	678	rBV	4581637	7603011	44.92%	8.644%
4	7.192	708	715	733	rBV	4643711	7317421	43.23%	8.319%
5	7.657	788	794	803	rBV	768378	1196508	7.07%	1.360%
6	7.975	840	848	862	rBV	2988394	4811948	28.43%	5.471%
7	8.828	986	993	1013	rBV	2536272	4267381	25.21%	4.852%
8	10.445	1260	1268	1287	rBV	946901	1709626	10.10%	1.944%
9	12.927	1682	1690	1713	rBV	7071884	10424177	61.59%	11.851%
10	13.780	1826	1835	1846	rBV	432733	676189	4.00%	0.769%
11	14.310	1915	1925	1941	rBV2	1725220	2692948	15.91%	3.062%
12	15.815	2174	2181	2200	rBV	6944019	10293106	60.82%	11.702%
13	17.068	2388	2394	2410	rBV	2394369	3426685	20.25%	3.896%
14	17.956	2540	2545	2552	rBV	254860	406257	2.40%	0.462%
15	19.709	2836	2843	2858	rBV	13148050	16925050	100.00%	19.242%
16	20.968	3052	3057	3066	rBV	730719	1001116	5.91%	1.138%
17	21.268	3102	3108	3120	rBV	3058956	3996116	23.61%	4.543%
18	21.403	3127	3131	3137	rBV	196250	239793	1.42%	0.273%
19	21.833	3201	3204	3207	rBV	202804	247926	1.46%	0.282%
20	22.291	3279	3282	3287	rVB	229993	257047	1.52%	0.292%
21	22.791	3364	3367	3372	rVB	241590	326248	1.93%	0.371%
22	23.356	3460	3463	3472	rVB	183211	268796	1.59%	0.306%
23	23.503	3481	3488	3500	rBV2	1688648	3338495	19.73%	3.796%

Sum of corrected areas: 87959251

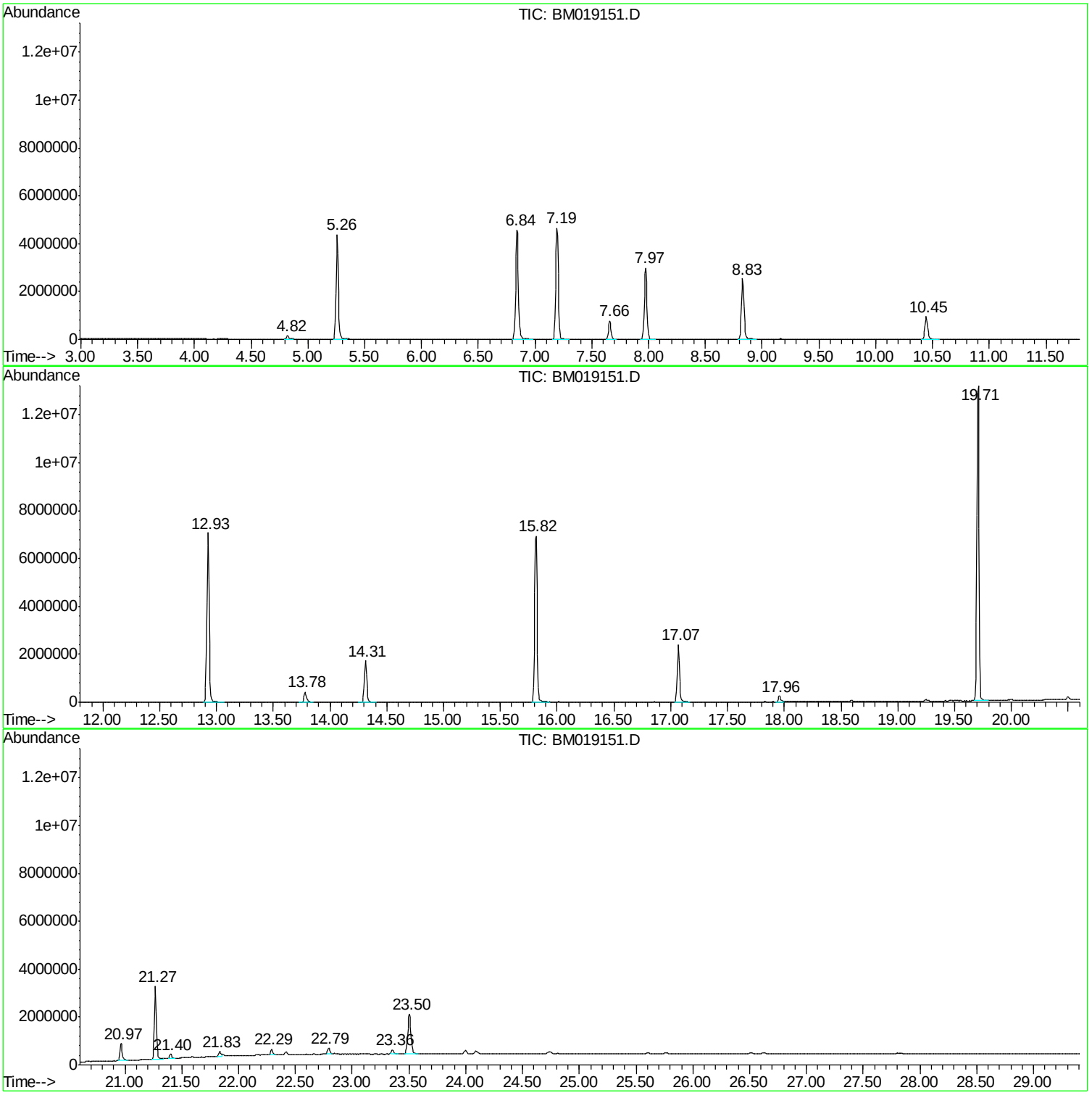
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019151.D
Acq On : 13 Mar 2019 18:16
Operator : JU/SJ
Sample : K1861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-07-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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\BM031319\
Data File : BM019151.D
Acq On : 13 Mar 2019 18:16
Operator : JU/SJ
Sample : K1861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-07-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

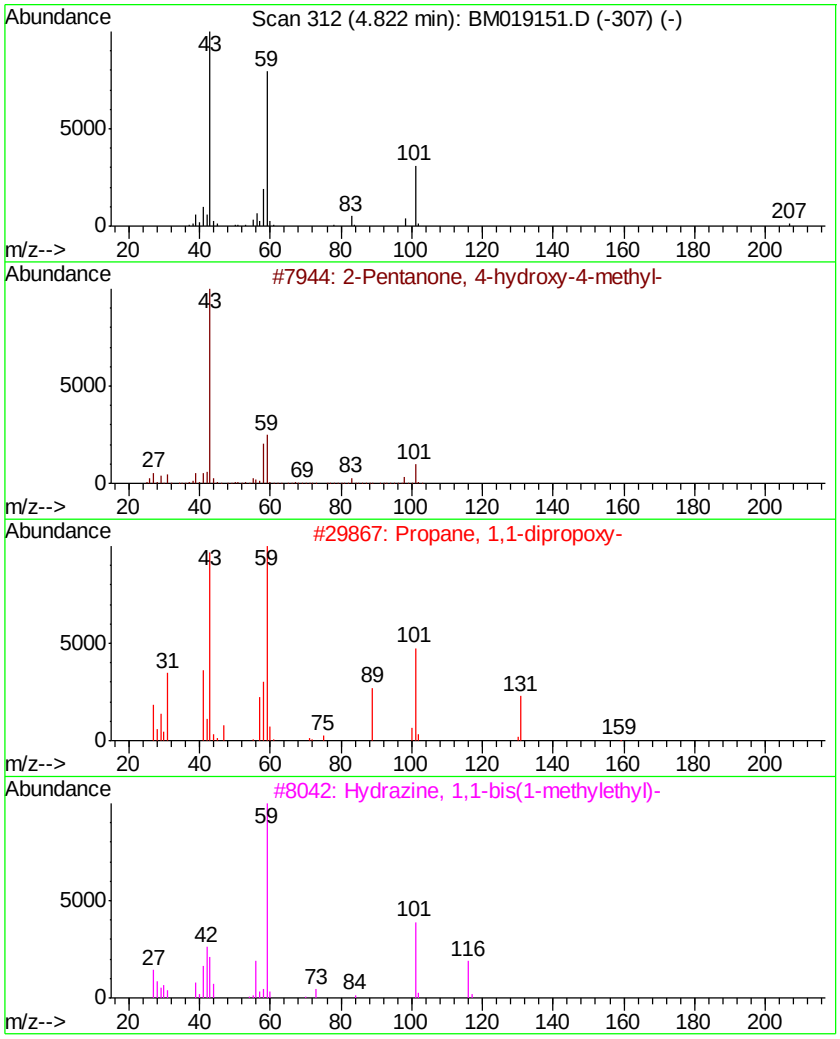
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

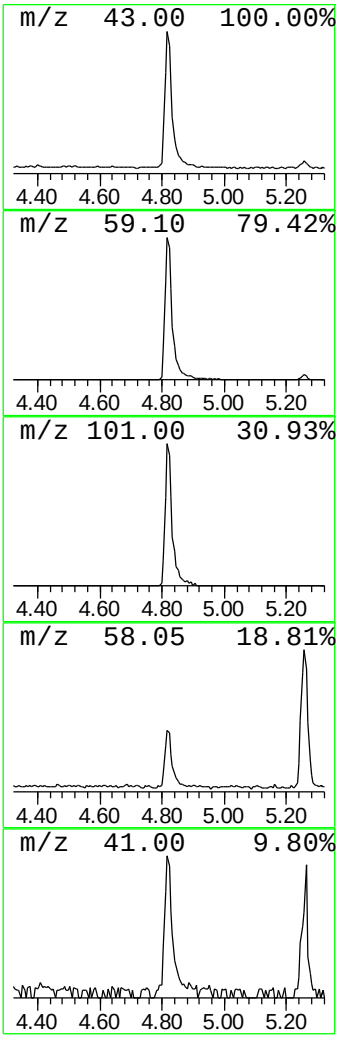
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	3.87 ng	231279	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019151.D
Acq On : 13 Mar 2019 18:16
Operator : JU/SJ
Sample : K1861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-07-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

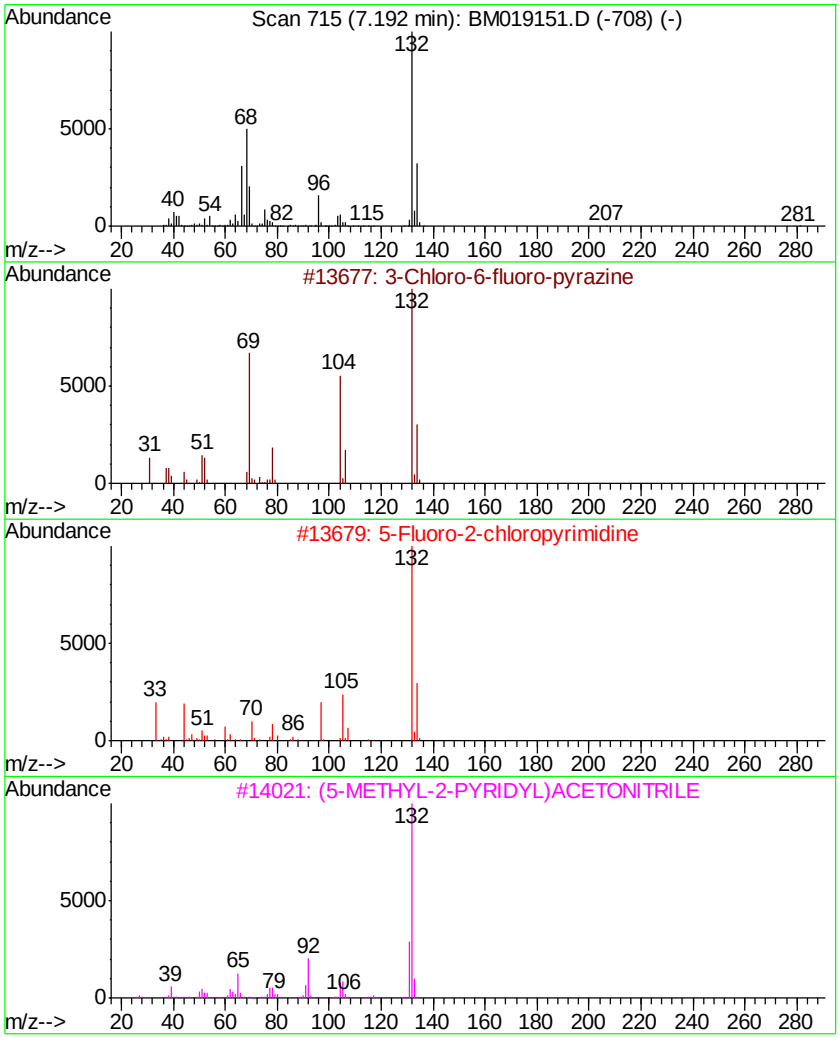
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

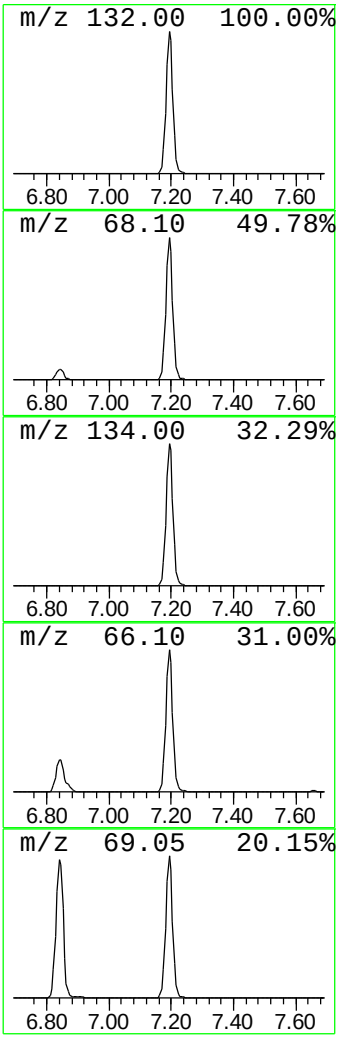
****

Peak Number 2 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	122.31 ng	7317420	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019151.D
Acq On : 13 Mar 2019 18:16
Operator : JU/SJ
Sample : K1861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-07-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

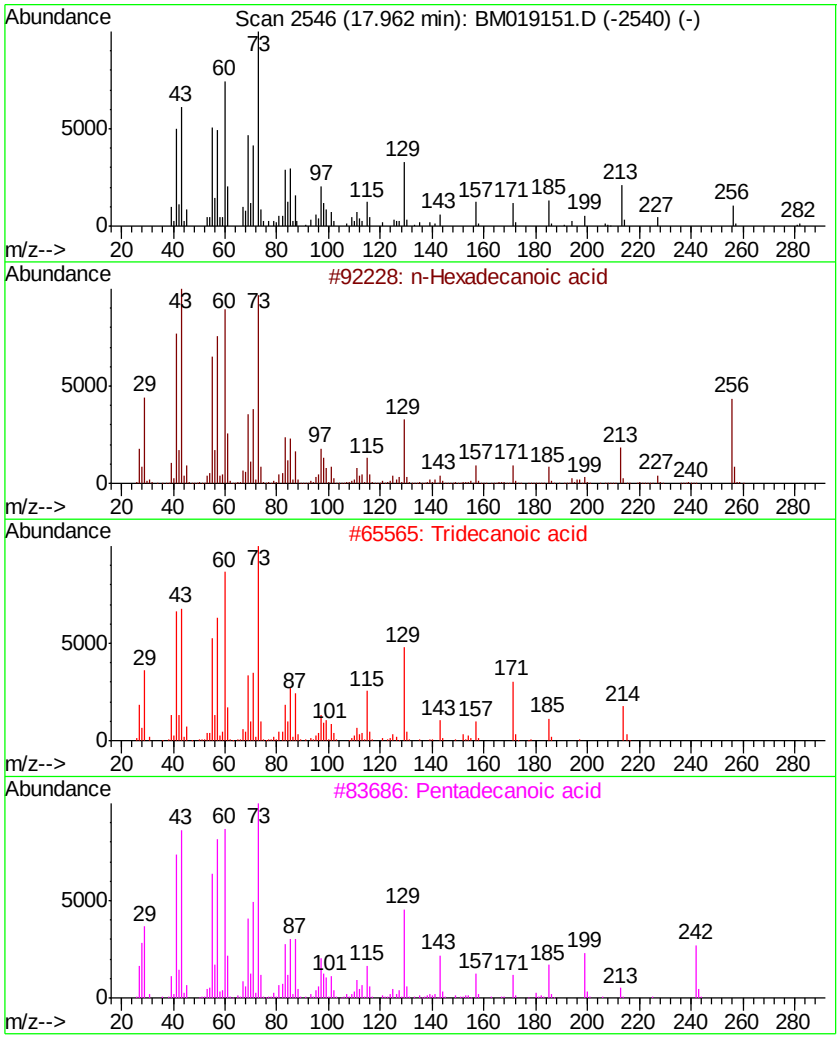
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

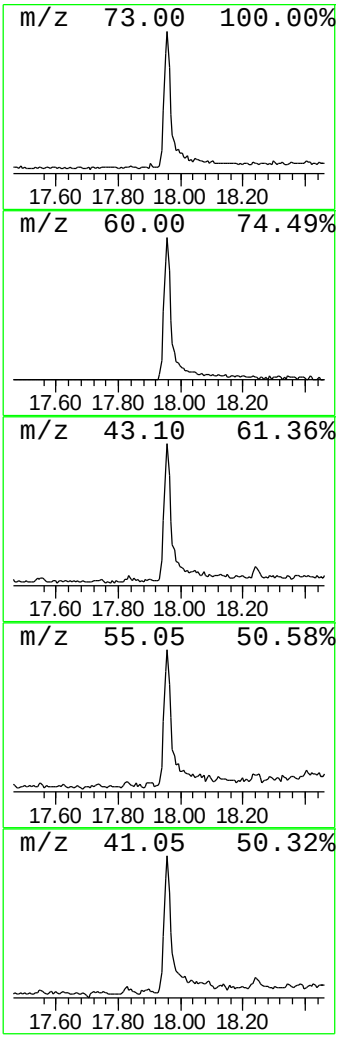
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.37 ng	406257	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	60
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019151.D
Acq On : 13 Mar 2019 18:16
Operator : JU/SJ
Sample : K1861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-07-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

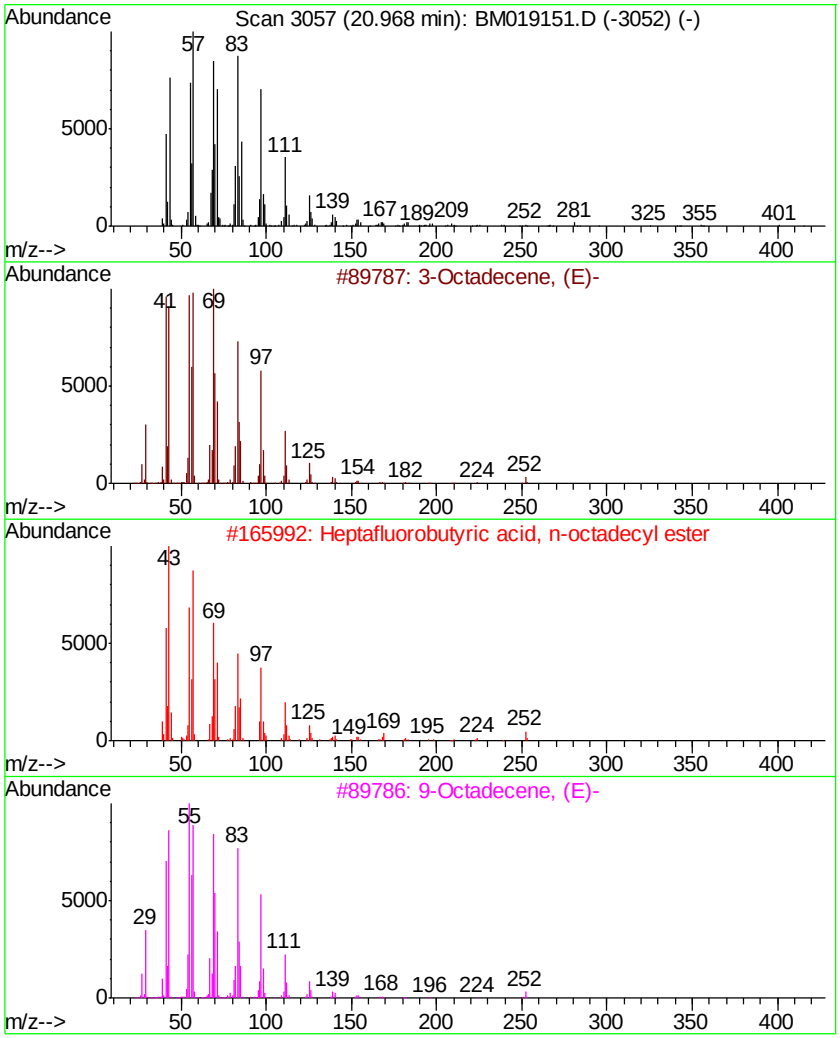
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

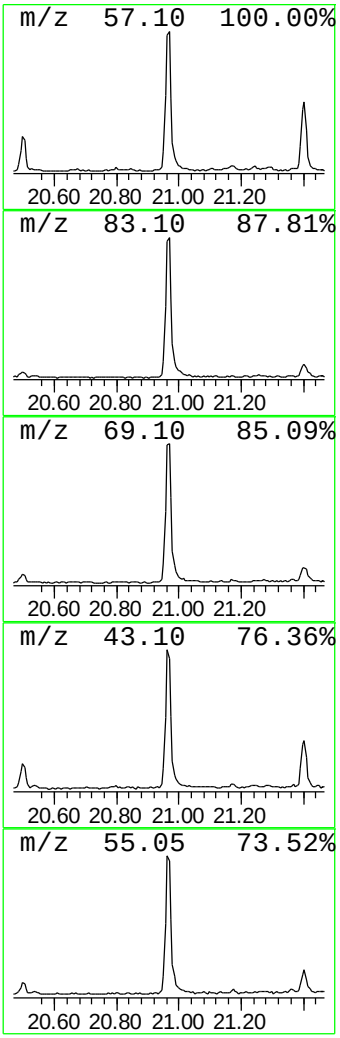
****

Peak Number 5 3-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.01 ng	1001120	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031319\
Data File : BM019151.D
Acq On : 13 Mar 2019 18:16
Operator : JU/SJ
Sample : K1861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-07-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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
2-Pentanone, 4-hy...	4.82	3.9	ng	231279	1	7.66	1196510	20.0
unknown7.19	7.19	122.3	ng	7317420	1	7.66	1196510	20.0
n-Hexadecanoic acid	17.96	2.4	ng	406257	4	17.07	3426690	20.0
3-Octadecene, (E)-	20.97	5.0	ng	1001120	5	21.27	3996120	20.0