LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-SOIL

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-BM072318.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	5.187	318	323	336	rVB	151715	224113	12.38%	1.477%
2	5.663	398	404	418	rBV	973942	1459322	80.60%	9.617%
3	7.304	676	683	702	rBV	926542	1481077	81.80%	9.760%
4	7.663	738	744	756	rBV	1040102	1647029	90.97%	10.854%
5	8.134	819	824	834	rBB	227486	362837	20.04%	2.391%
6	8.457	872	879	890	rBV	720873	1162063	64.18%	7.658%
7	9.322	1019	1026	1040	rBV	547540	906140	50.05%	5.971%
8	10.951	1297	1303	1311	rBV	248403	413347	22.83%	2.724%
9	13.392	1711	1718	1727	rBV	1060067	1485988	82.08%	9.792%
10	14.221	1853	1859	1865	rBV	60058	88060	4.86%	0.580%
11	14.768	1946	1952	1959	rBV2	278666	431253	23.82%	2.842%
12	16.257	2199	2205	2217	rBV	891368	1256368	69.39%	8.279%
13	16.445	2230	2237	2242	rBV2	15725	30412	1.68%	0.200%
14	17.256	2370	2375	2382	rVB4	9261	19174	1.06%	0.126%
15	17.504	2412	2417	2422	rBV2	309726	459385	25.37%	3.027%
16	17.551	2422	2425	2434	rVB	28352	40688	2.25%	0.268%
17	18.356	2557	2562	2570	rBV	137956	200095	11.05%	1.319%
18	19.539	2759	2763	2768	rVB	61904	81883	4.52%	0.540%
19	19.615	2772	2776	2781	rBV	59299	75779	4.19%	0.499%
20	19.903	2821	2825	2832	rVB	61949	82455	4.55%	0.543%
21	20.086	2851	2856	2861	rBV	1566362	1810513	100.00%	11.931%
22	21.309	3060	3064	3070	rBV4	72148	108088	5.97%	0.712%
23	21.509	3094	3098	3106	rBV	140744	169700	9.37%	1.118%
24	21.639	3114	3120	3124	rBV	433828	605405	33.44%	3.990%
25	23.974	3512	3517	3524	rVB	304875	573747	31.69%	3.781%

Sum of corrected areas: 15174921

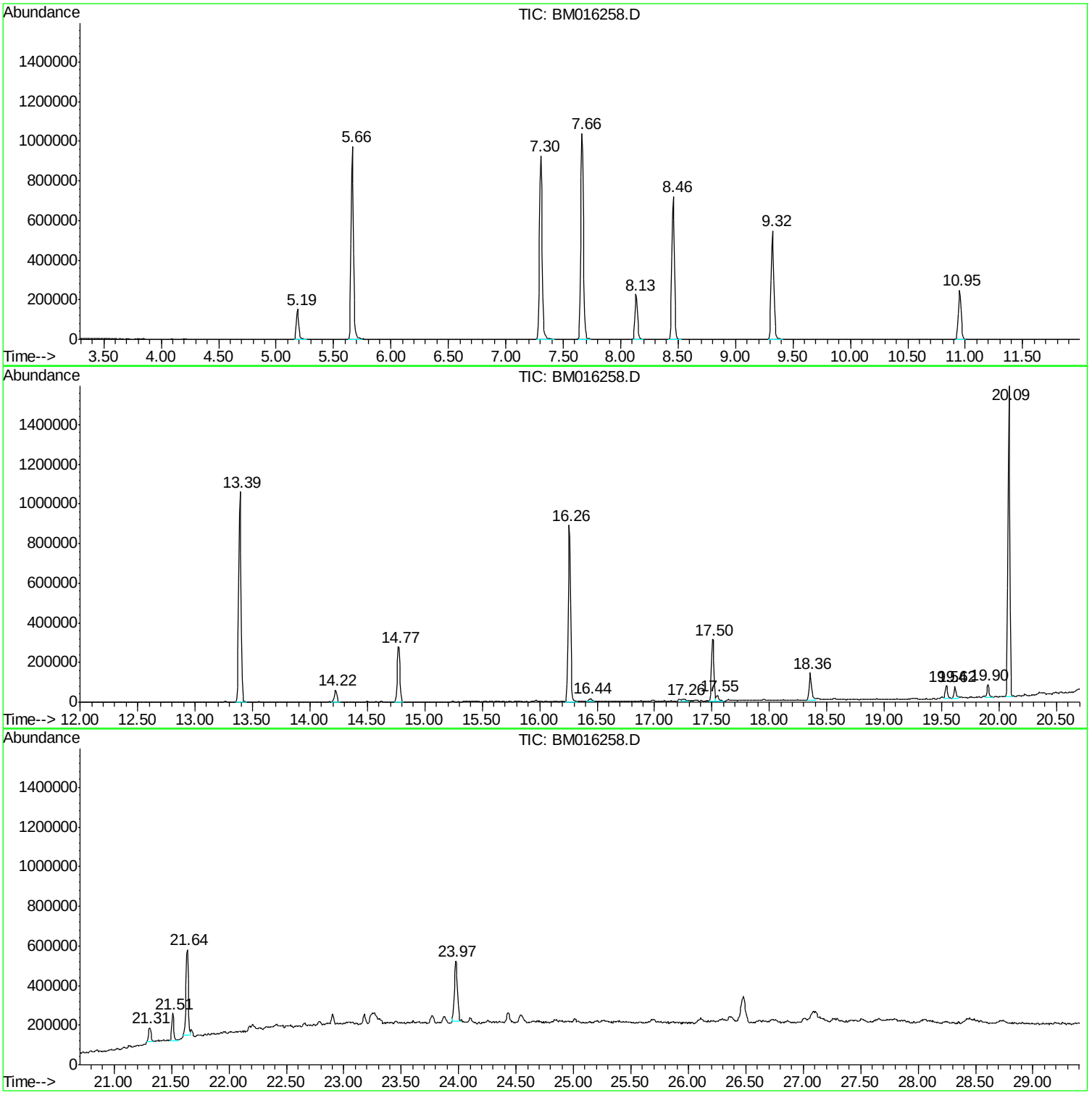
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
155-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

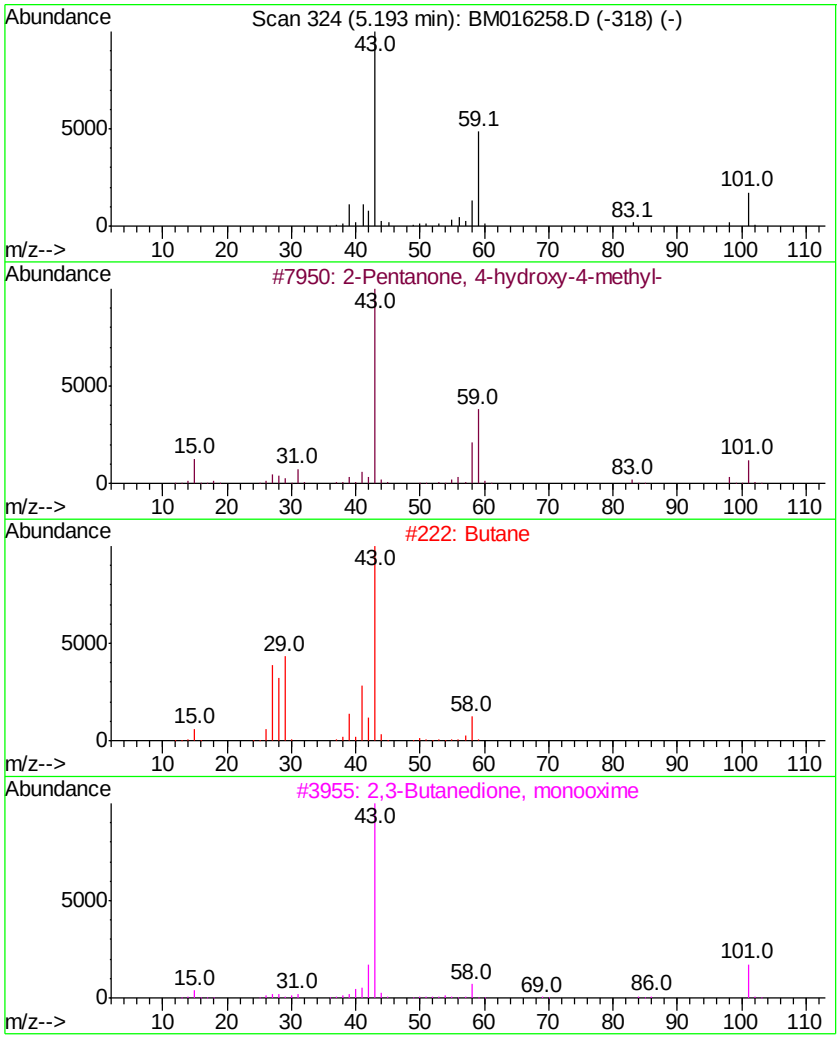
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

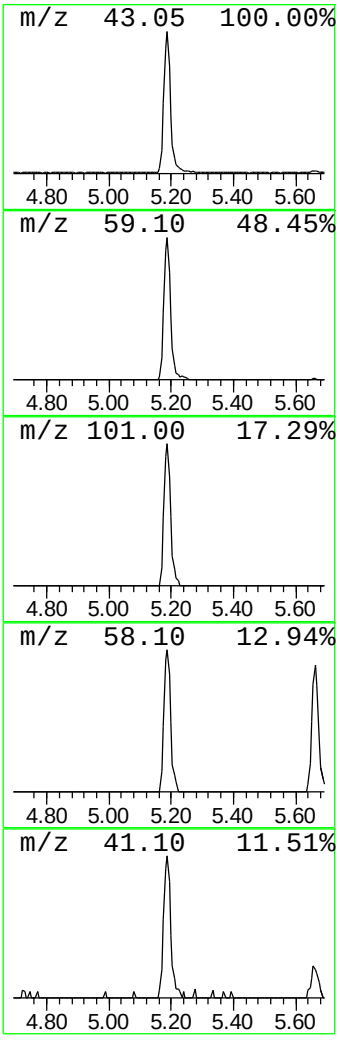
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	12.35 ng	224113	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butane	58	C4H10	000106-97-8	22
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Propylamine	59	C3H9N	000107-10-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

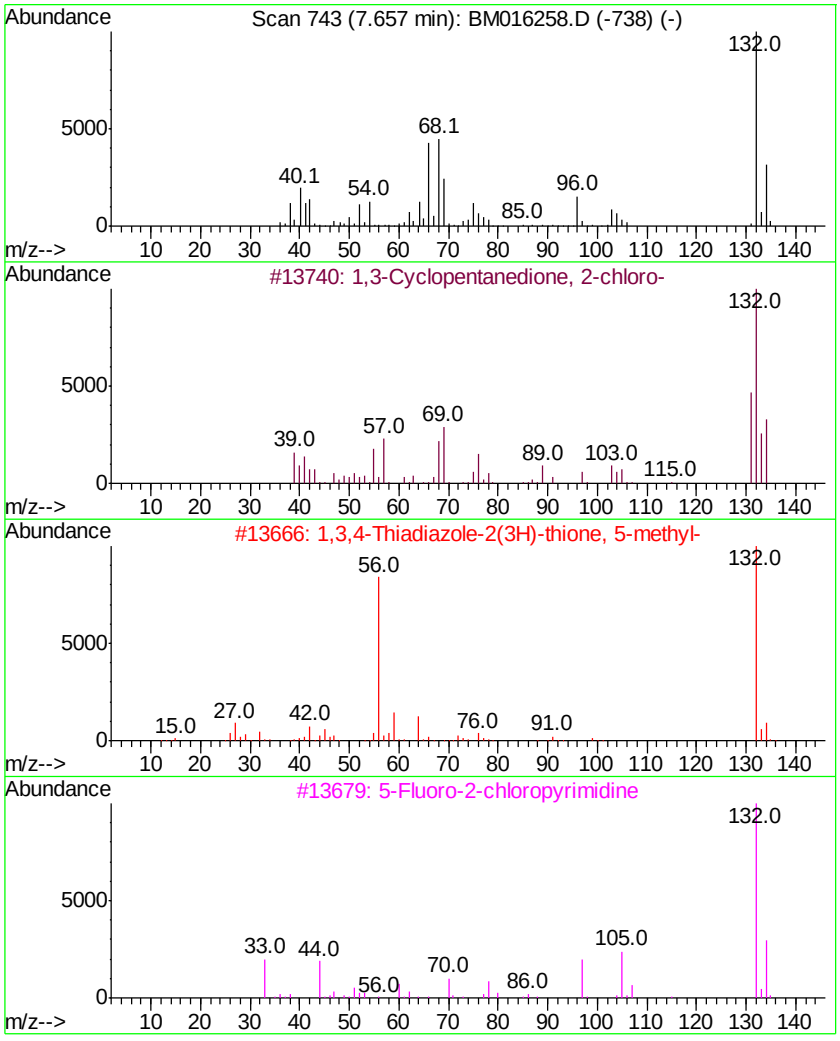
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

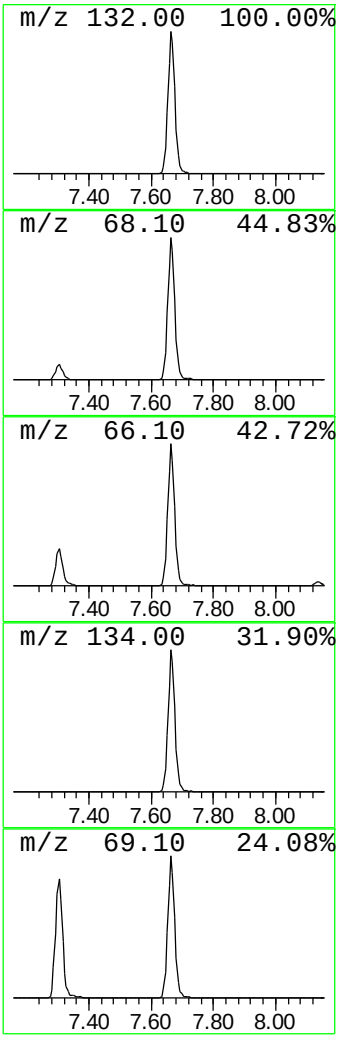
****

Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	90.79 ng	1647030	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

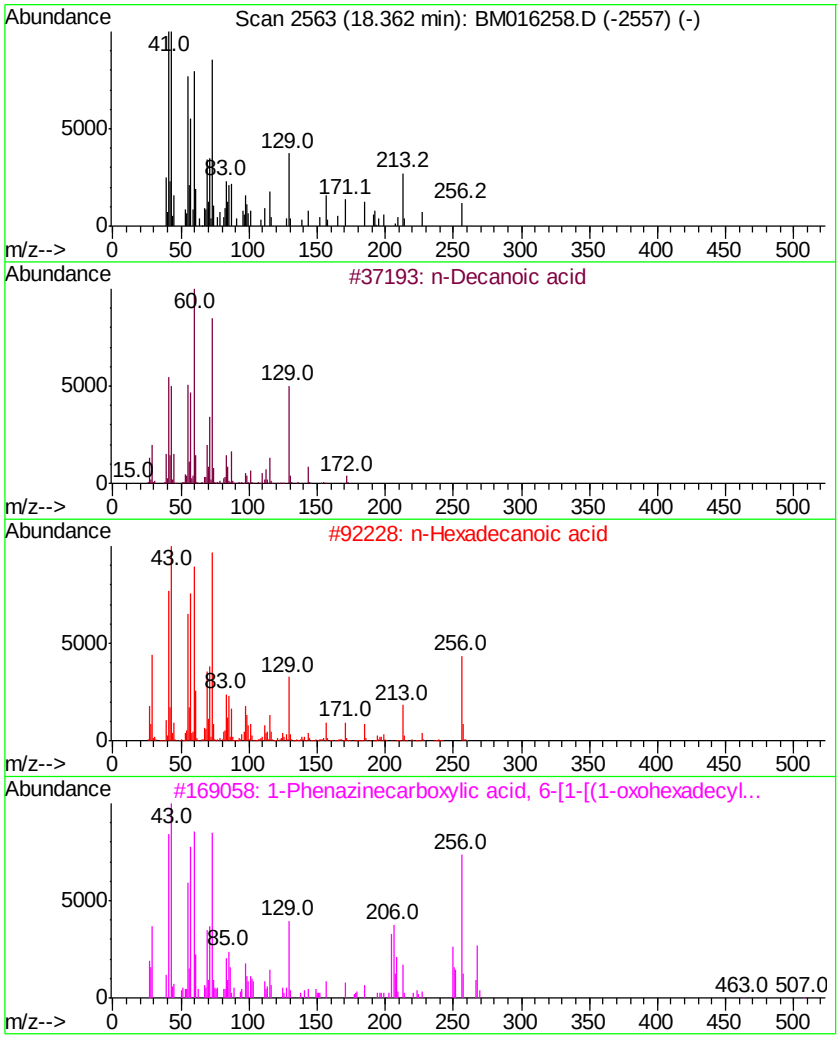
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

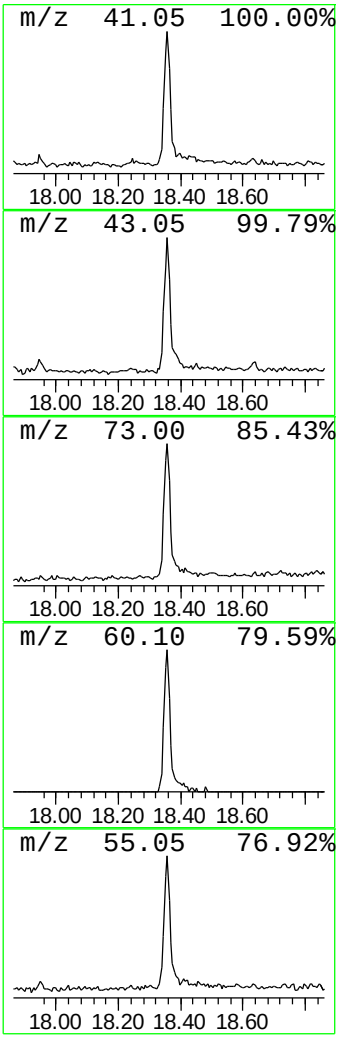
****

Peak Number 4 n-Decanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	8.71 ng	200095	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	78
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

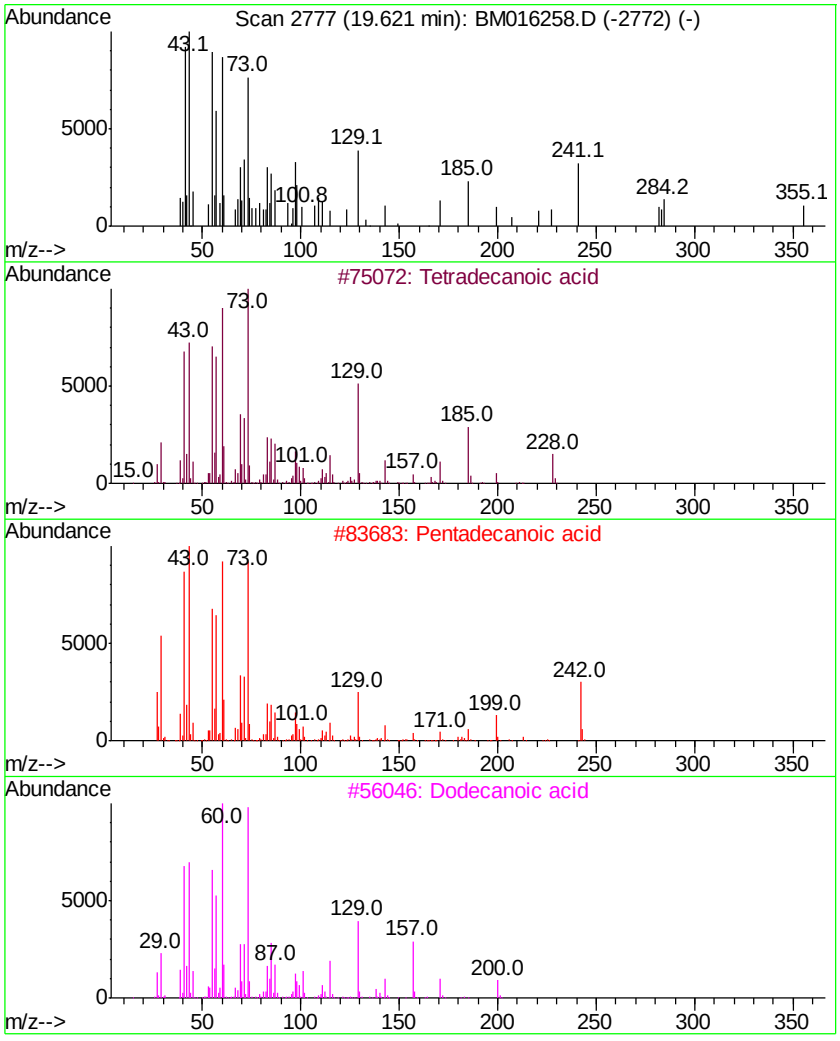
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

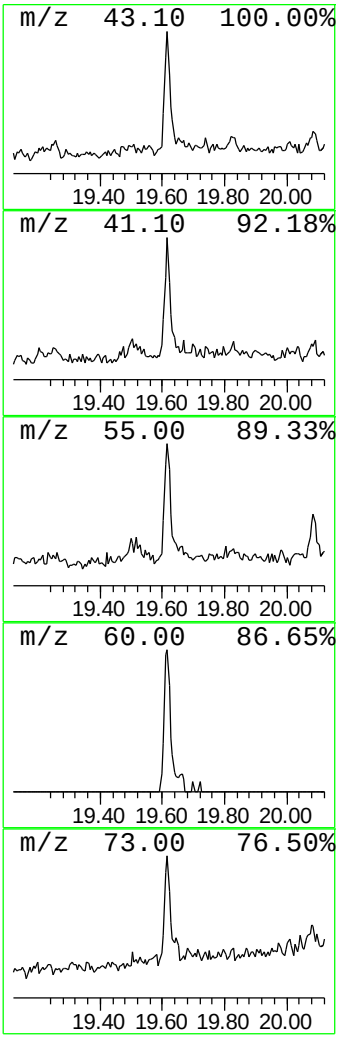
****

Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.50 ng	75779	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

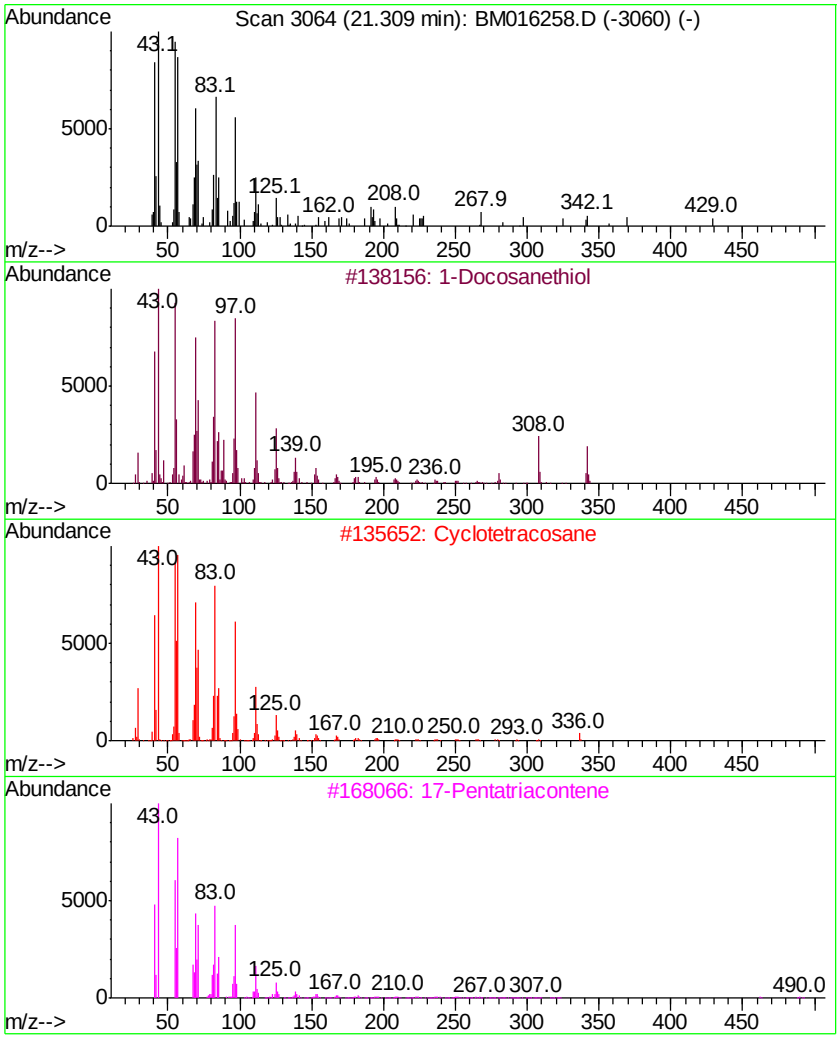
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

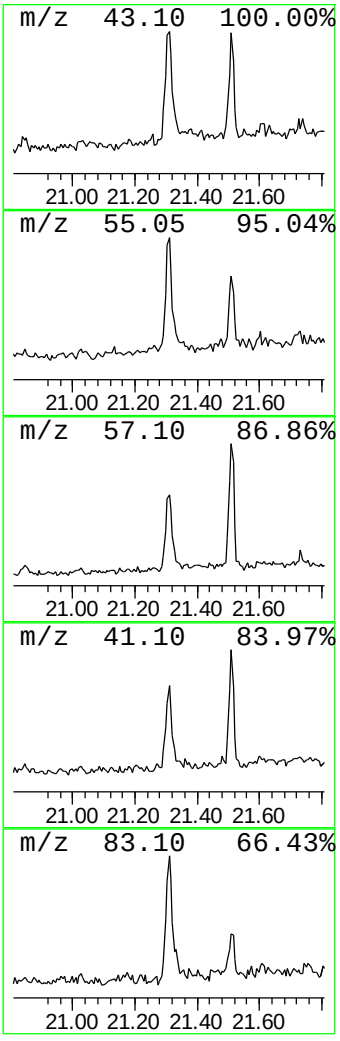
****

Peak Number 6 1-Docosanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	3.57 ng	108088	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	90
2	Cyclotetracosane	336	C24H48	000297-03-0	76
3	17-Pentatriacontene	491	C35H70	006971-40-0	68
4	1-Octadecene	252	C18H36	000112-88-9	64
5	1-Docosene	308	C22H44	001599-67-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
Data File : BM016258.D
Acq On : 08 Aug 2018 20:09
Operator : SJ/JU
Sample : J4360-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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...	5.19	12.4	ng	224113	1	8.13	362837	20.0
unknown7.66	7.66	90.8	ng	1647030	1	8.13	362837	20.0
n-Decanoic acid	18.36	8.7	ng	200095	4	17.50	459385	20.0
Tetradecanoic acid	19.62	2.5	ng	75779	5	21.64	605405	20.0
1-Docosanethiol	21.31	3.6	ng	108088	5	21.64	605405	20.0