LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018666.D
Acq On : 28 Jan 2019 16:19
Operator : JU/SJ
Sample : K1254-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

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	4.869	299	303	315	rVB	185988	269111	2.18%	0.345%
2	5.316	372	379	391	rBV	4123094	5780376	46.78%	7.409%
3	6.899	641	648	661	rBV	3967411	6363111	51.49%	8.156%
4	7.257	702	709	722	rBV	4229406	6740561	54.55%	8.639%
5	7.722	782	788	795	rBV	796427	1284679	10.40%	1.647%
6	8.040	835	842	854	rVB	3095107	5101582	41.29%	6.539%
7	8.893	979	987	1001	rBV	2461265	3962986	32.07%	5.079%
8	10.516	1256	1263	1272	rBV	1061282	1737893	14.06%	2.227%
9	12.992	1676	1684	1695	rBV	5918814	8758038	70.88%	11.225%
10	13.833	1821	1827	1836	rBV	283075	412245	3.34%	0.528%
11	14.375	1906	1919	1933	rVB2	1550297	2320442	18.78%	2.974%
12	15.869	2165	2173	2184	rBV	5252130	7394015	59.84%	9.477%
13	17.127	2380	2387	2393	rBV2	1907130	2737684	22.16%	3.509%
14	18.015	2532	2538	2567	rBV	1059089	1836805	14.86%	2.354%
15	19.298	2751	2756	2769	rBV2	359289	606106	4.91%	0.777%
16	19.757	2829	2834	2841	rBV	9834061	12356869	100.00%	15.838%
17	21.021	3044	3049	3056	rBV	976279	1215964	9.84%	1.559%
18	21.321	3095	3100	3110	rBV	2644462	3265545	26.43%	4.186%
19	21.456	3121	3123	3129	rVB	137391	145106	1.17%	0.186%
20	21.898	3195	3198	3200	rBV	165949	214240	1.73%	0.275%
21	22.362	3273	3277	3283	rVB	295422	368550	2.98%	0.472%
22	22.874	3360	3364	3369	rBV	380024	519312	4.20%	0.666%
23	23.445	3457	3461	3471	rVB	385406	675458	5.47%	0.866%
24	23.586	3479	3485	3495	rVB	1672446	3211850	25.99%	4.117%
25	24.097	3568	3572	3580	rVB	380196	741817	6.00%	0.951%

Sum of corrected areas: 78020345

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
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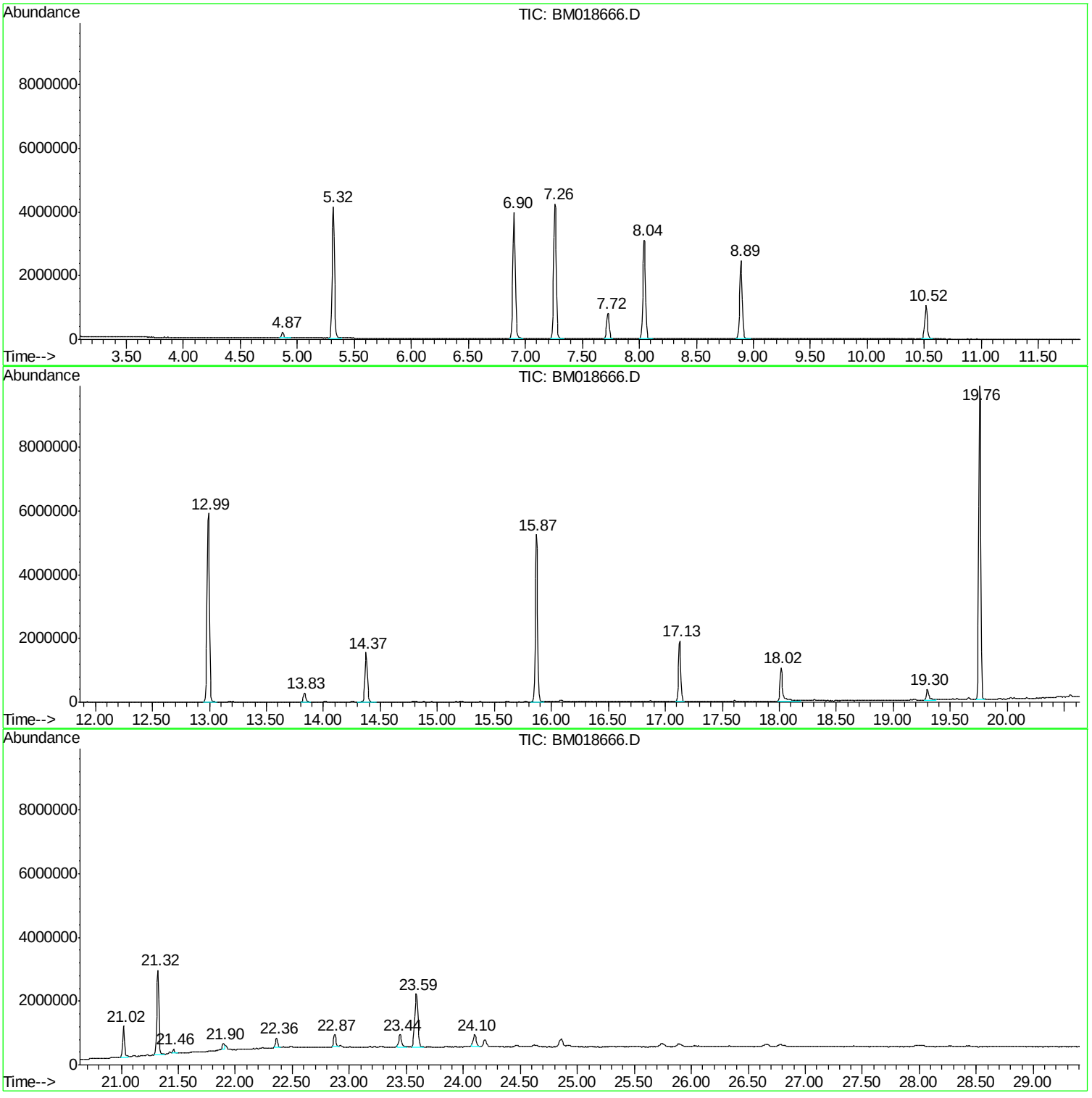
Operator : JU/SJ
Sample : K1254-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-1

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



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Data File : BM018666.D
Acq On : 28 Jan 2019 16:19
Operator : JU/SJ
Sample : K1254-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

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

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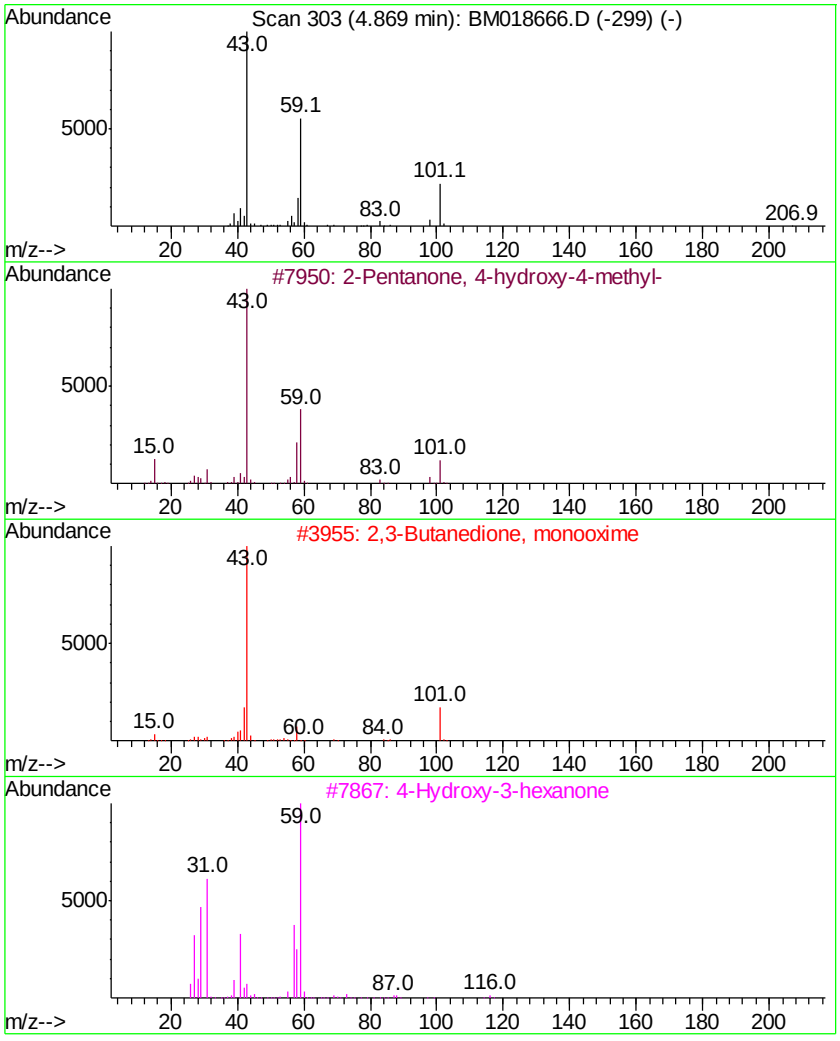
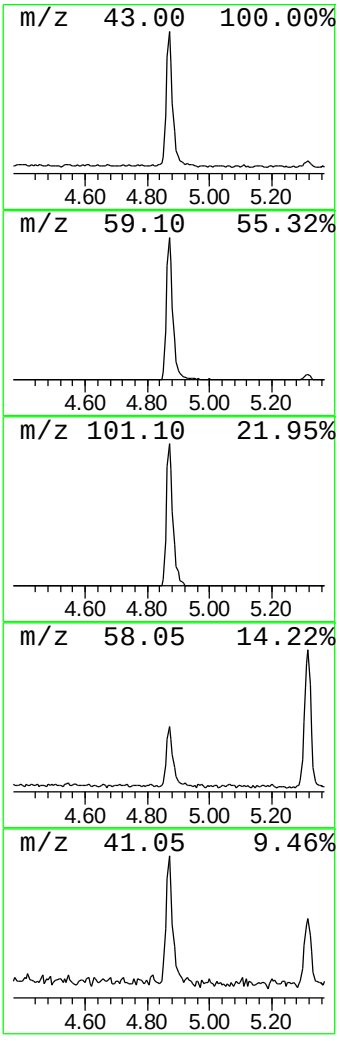
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	4.19 ng	269111	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : SOIL-1

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

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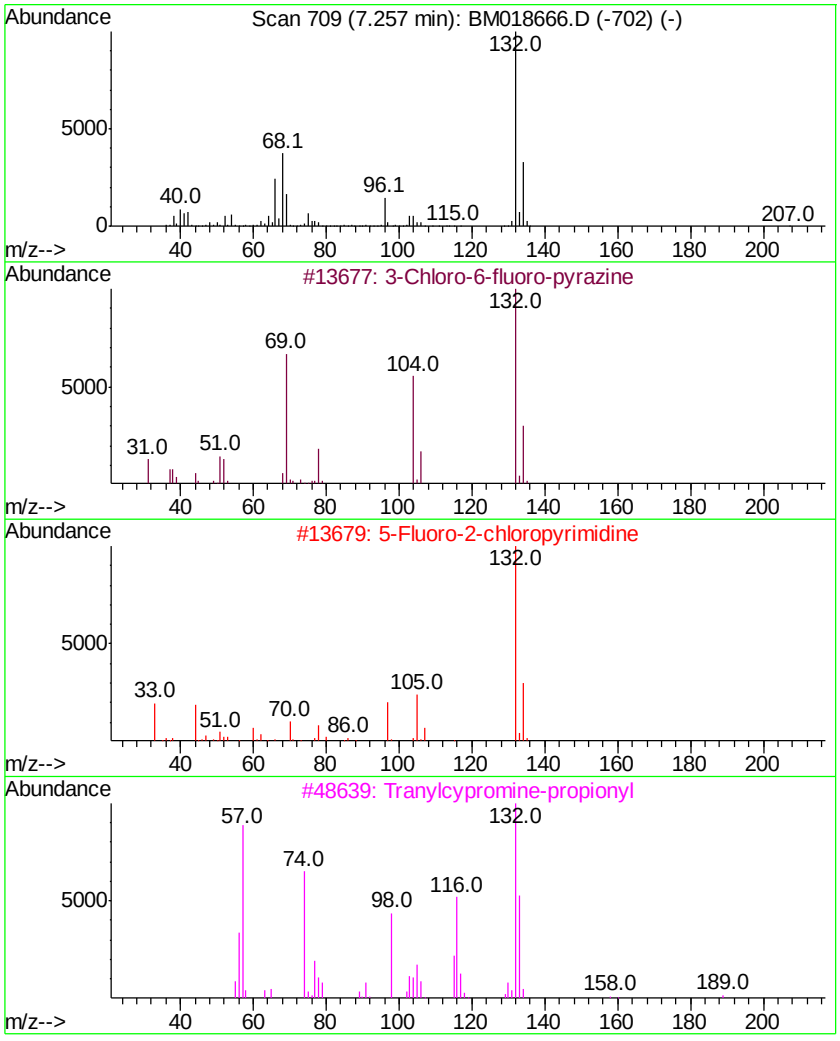
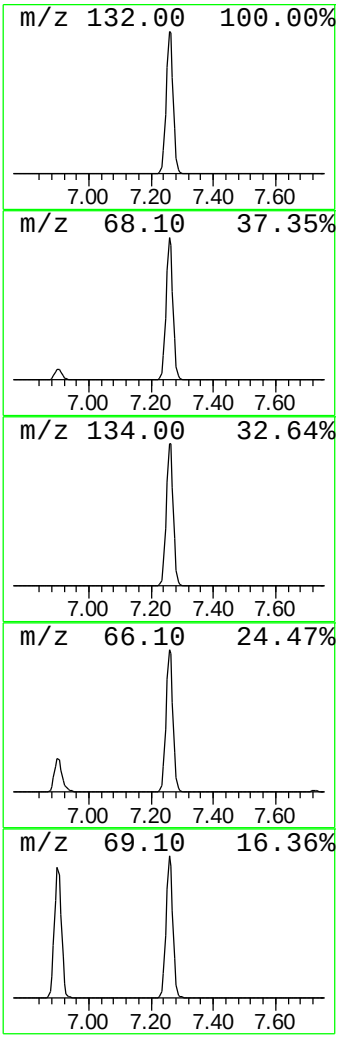
Peak Number 2 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	104.94 ng	6740560	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
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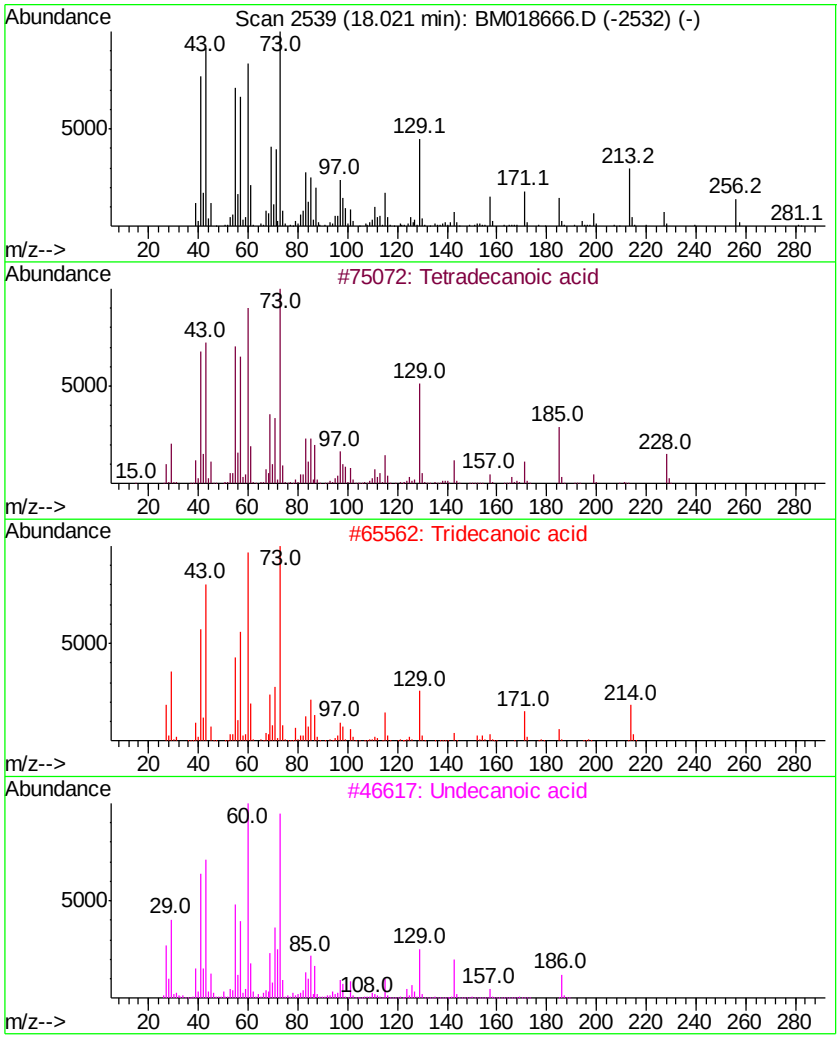
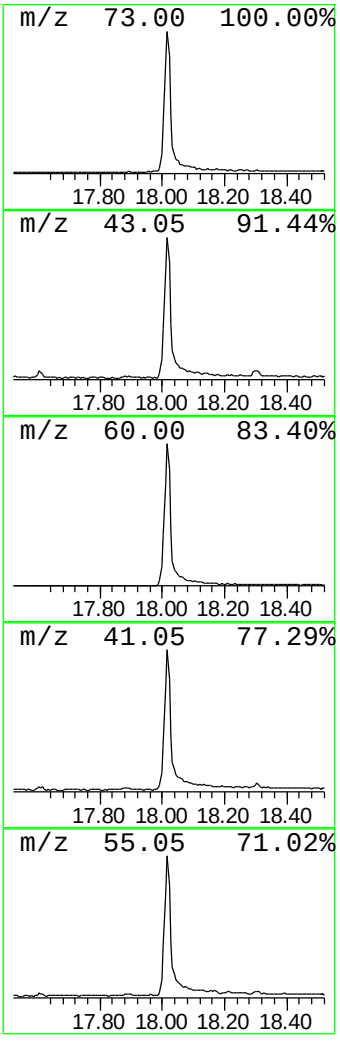
Peak Number 4 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	13.42 ng	1836810	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Operator : JU/SJ
Sample : K1254-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

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
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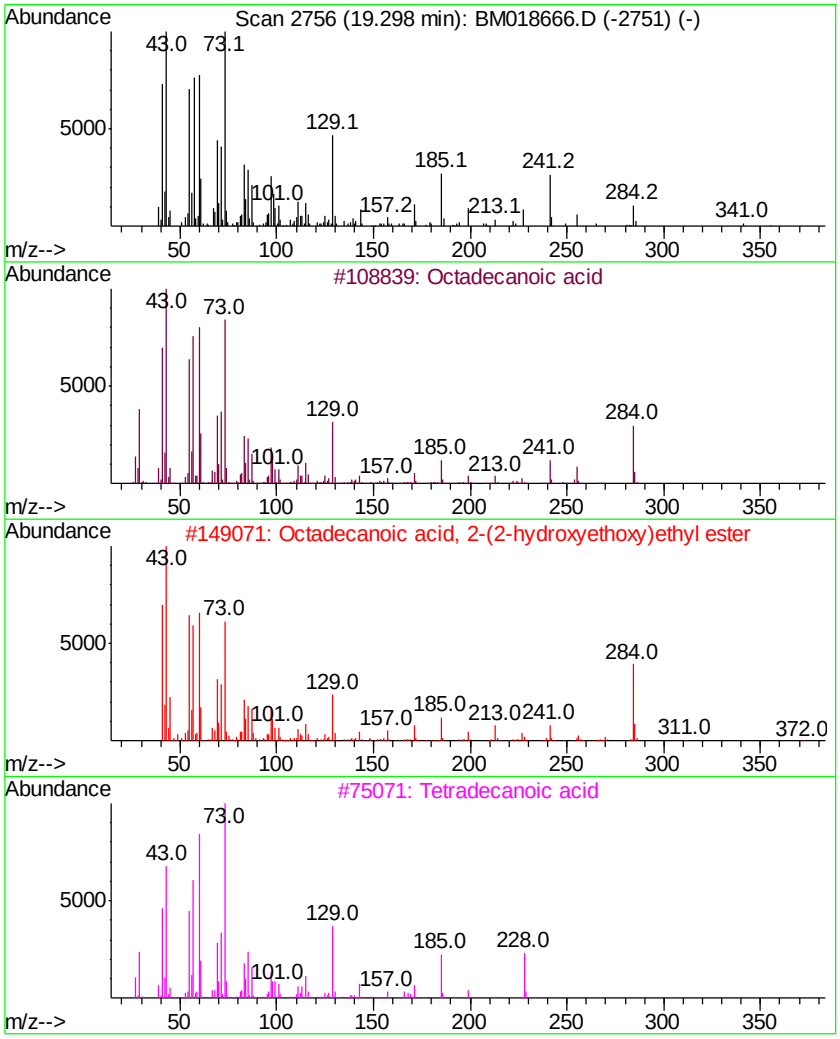
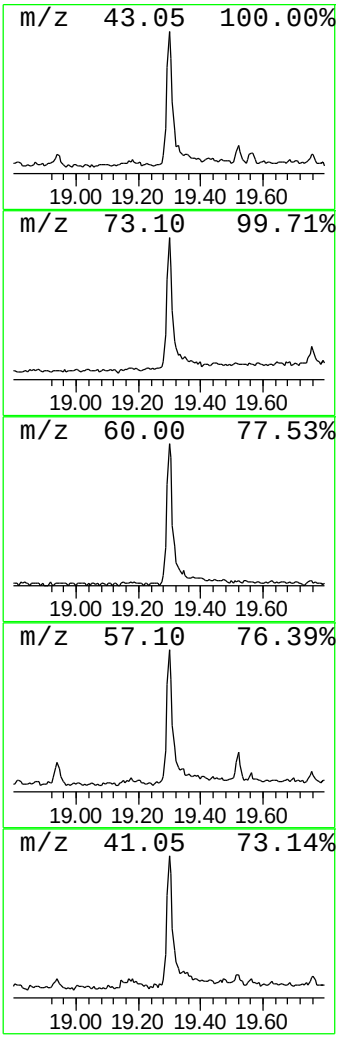
Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	3.71 ng	606106	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

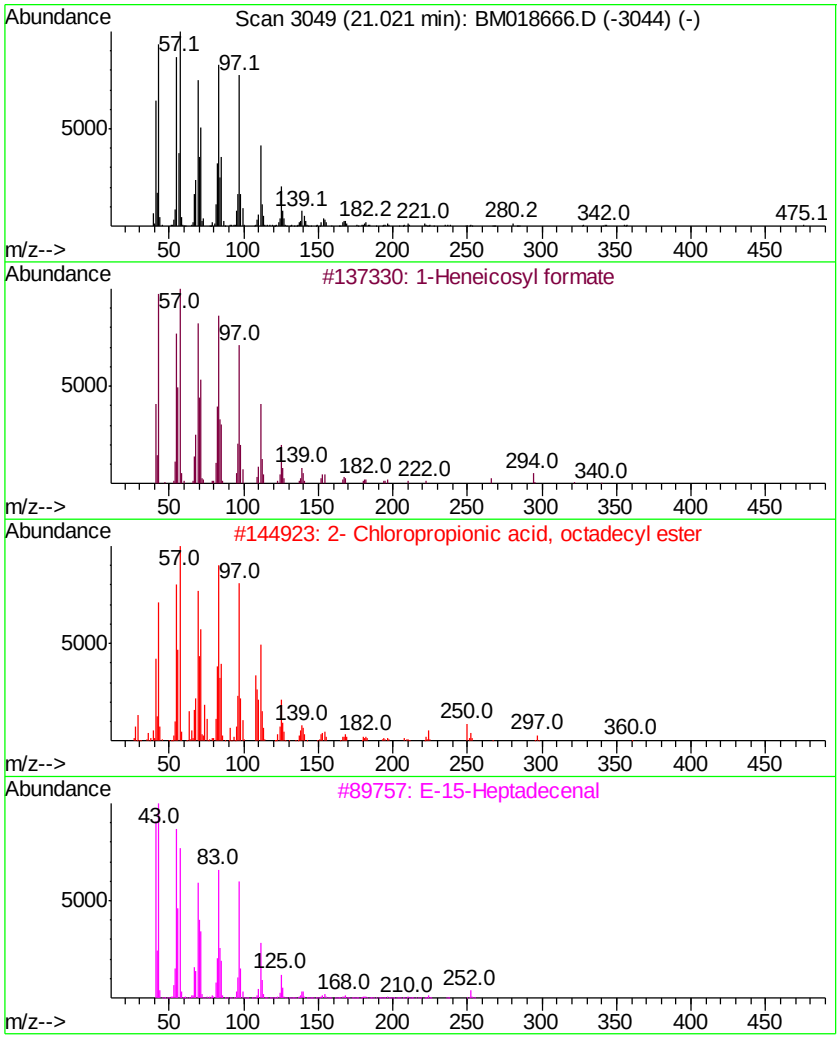
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

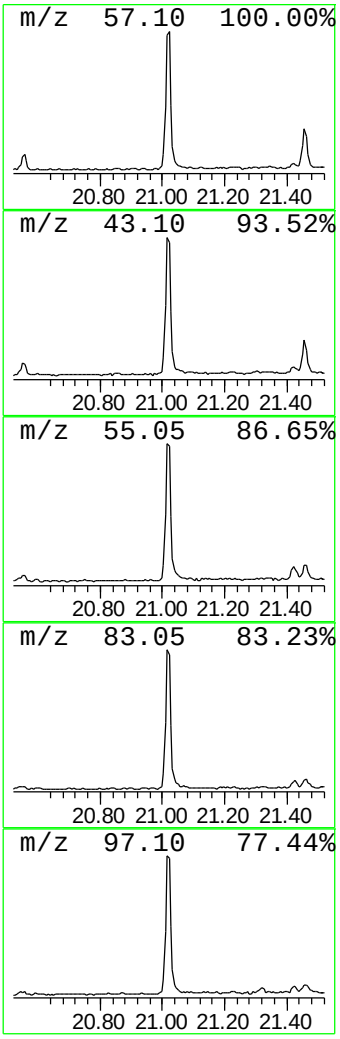
****

Peak Number 6 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	7.45 ng	1215960	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Library Search Compound Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

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TIC Library : C:\DATABASE\NIST02.L
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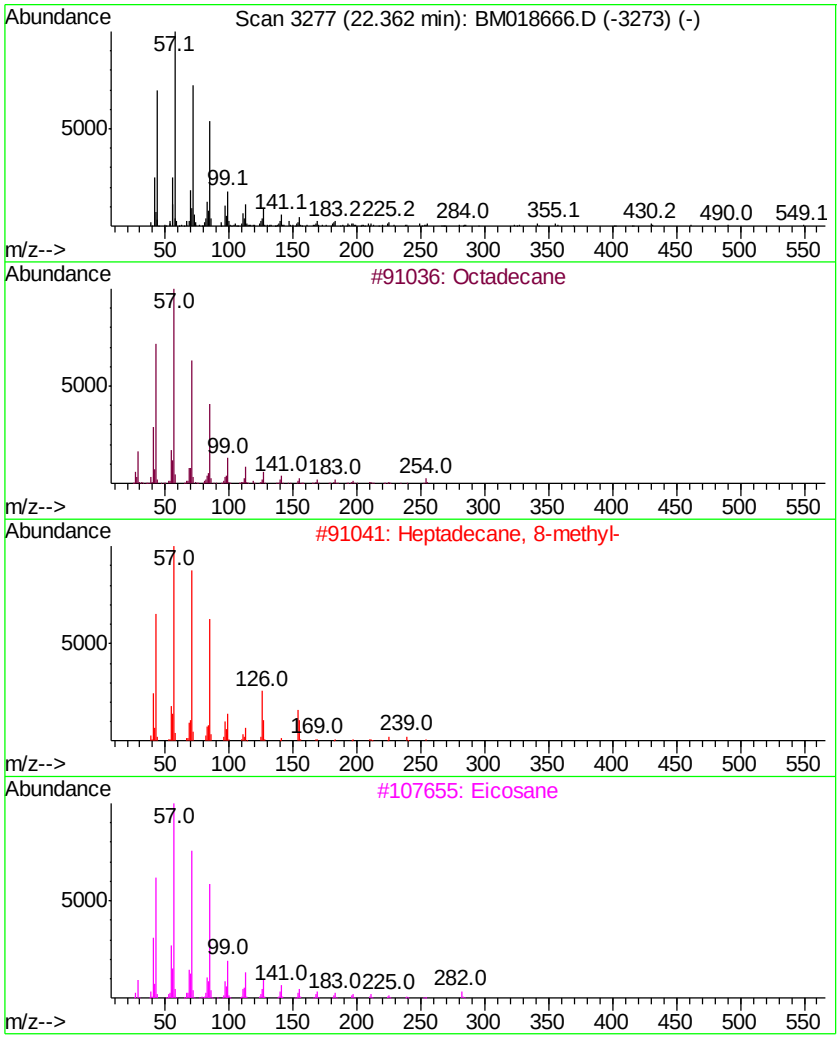
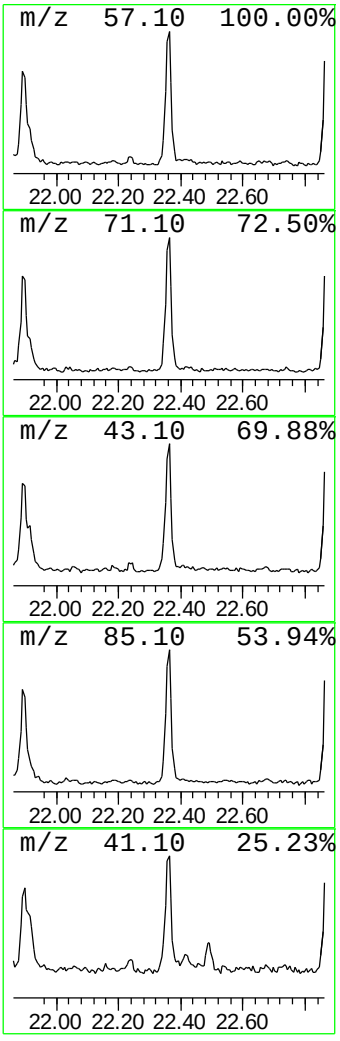
****

Peak Number 7 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.26 ng	368550	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Nonacosane	408	C29H60	000630-03-5	91





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Instrument : BNA_M
ClientSampleId : SOIL-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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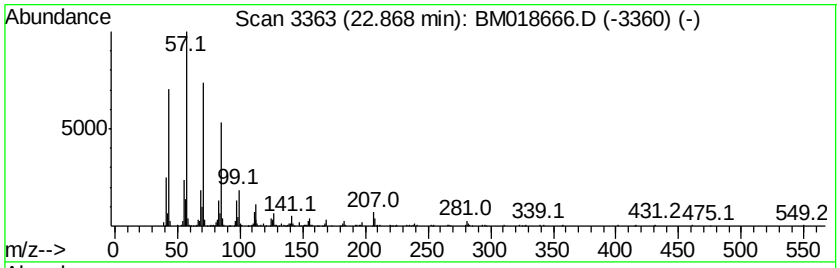
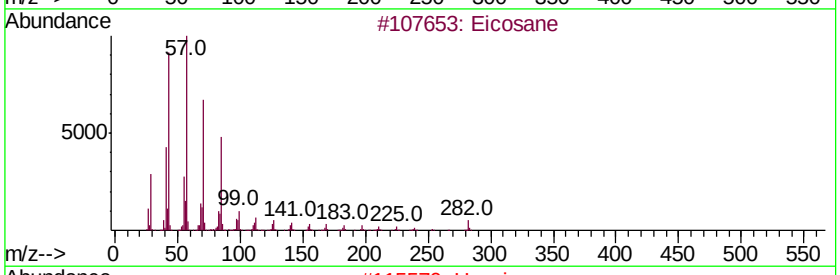
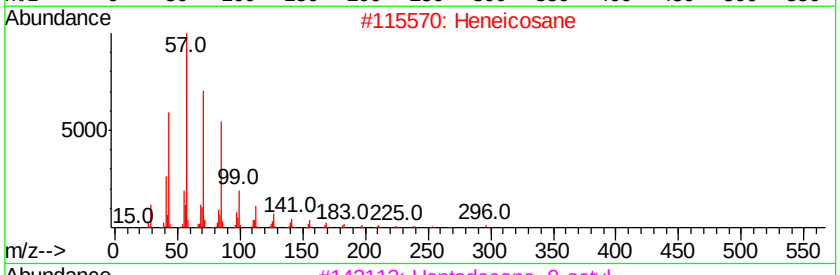
Peak Number 8 Eicosane Concentration Rank 9

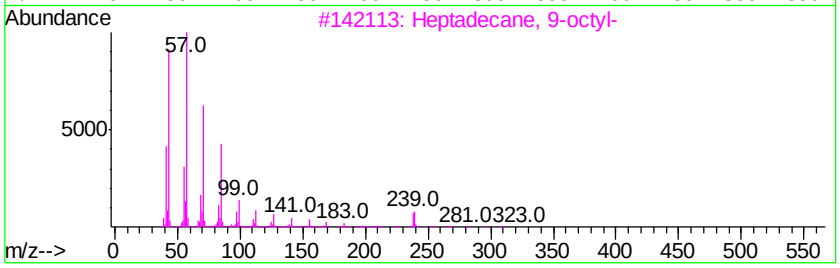
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	3.23 ng	519312	Perylene-d12	23.59

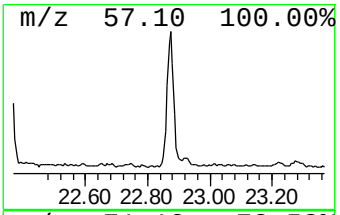
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetracosane	338	C24H50	000646-31-1	87

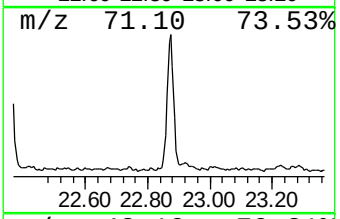


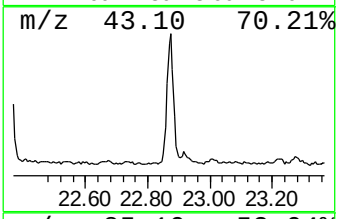


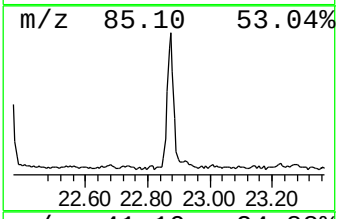


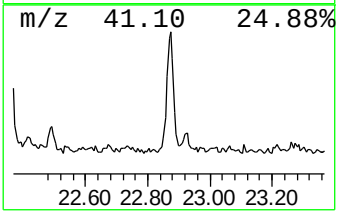












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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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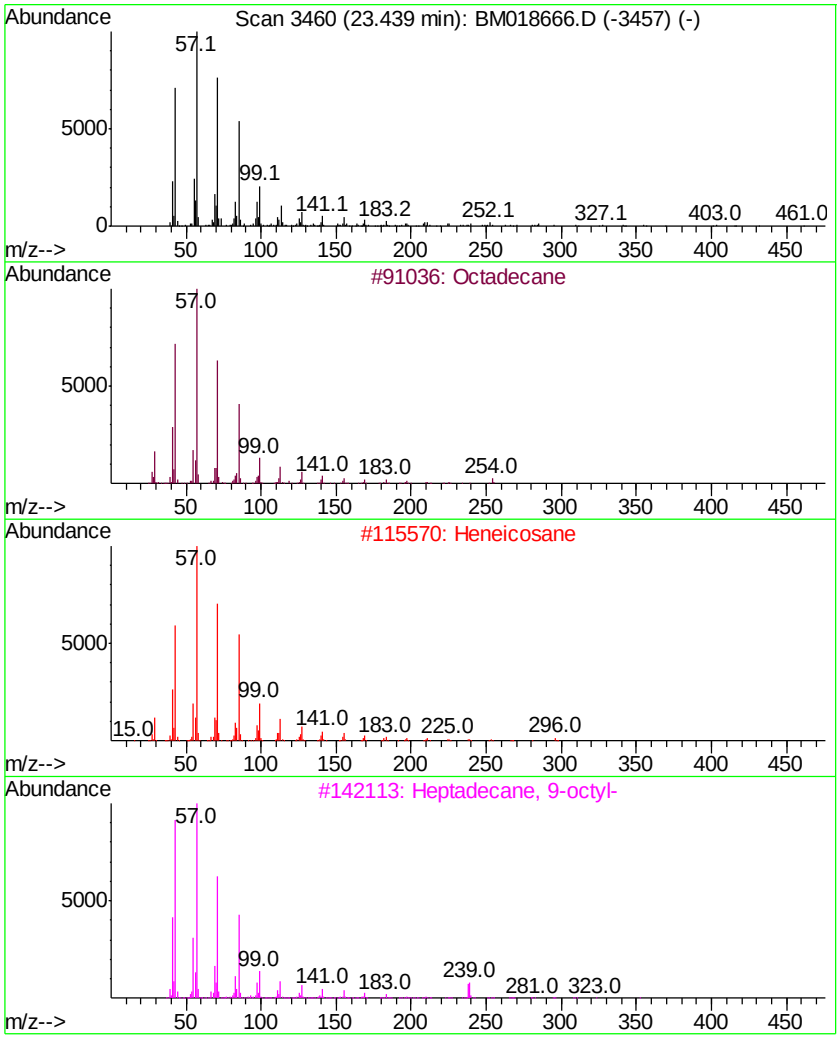
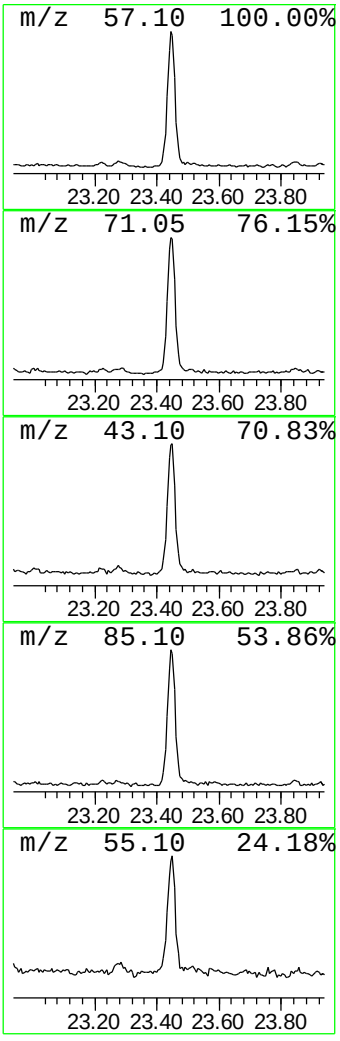
Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	4.21 ng	675458	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





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Instrument : BNA_M
ClientSampleId : SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

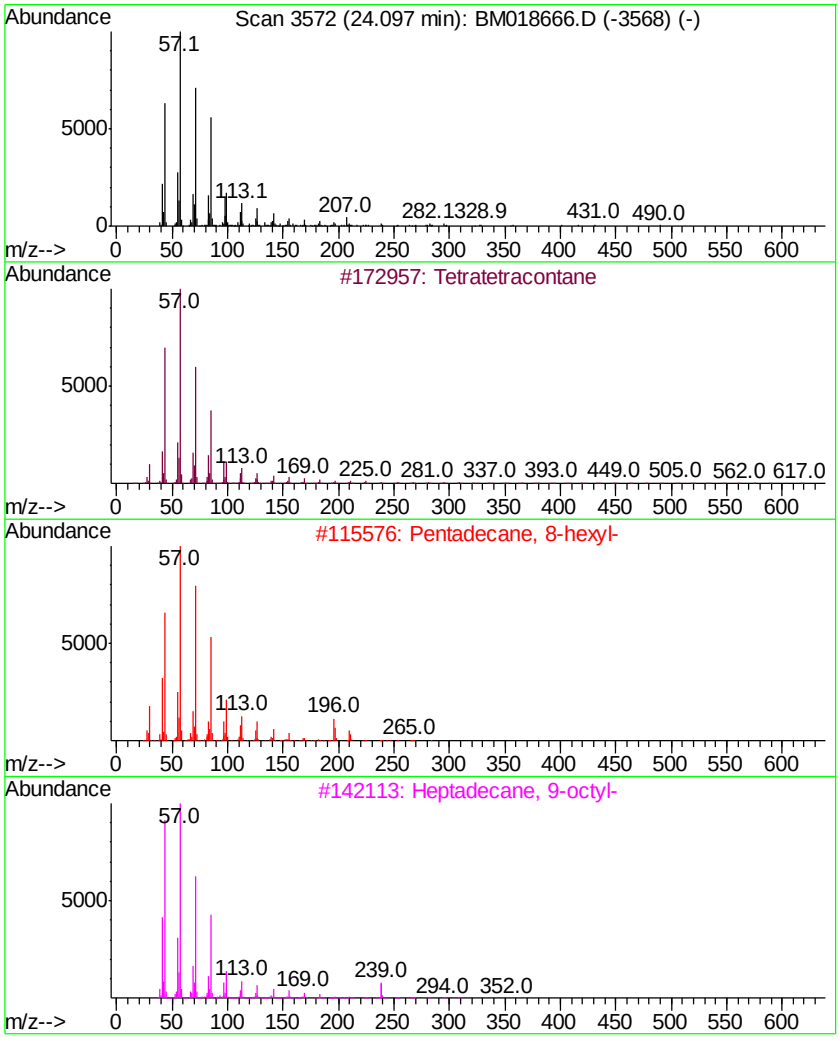
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

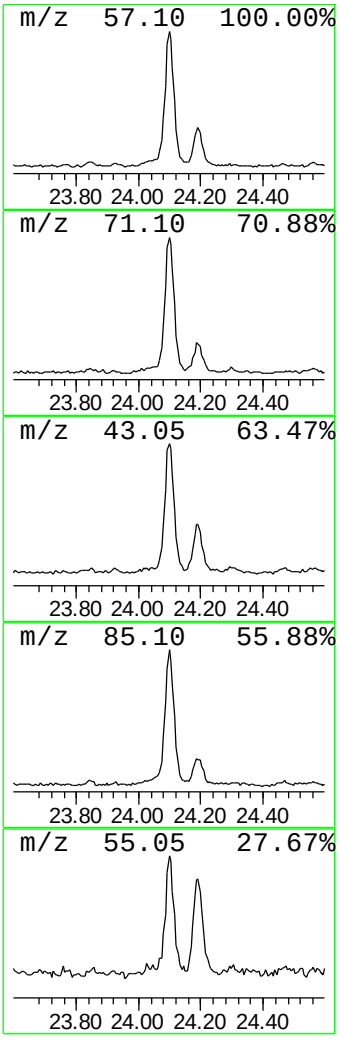
****

Peak Number 10 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	4.62 ng	741817	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012819\
Data File : BM018666.D
Acq On : 28 Jan 2019 16:19
Operator : JU/SJ
Sample : K1254-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.87	4.2	ng	269111	1	7.73	1284680	20.0
unknown7.26	7.26	104.9	ng	6740560	1	7.73	1284680	20.0
Tetradecanoic acid	18.02	13.4	ng	1836810	4	17.13	2737680	20.0
Octadecanoic acid	19.30	3.7	ng	606106	5	21.32	3265550	20.0
1-Heneicosyl formate	21.02	7.5	ng	1215960	5	21.32	3265550	20.0
Octadecane	22.36	2.3	ng	368550	5	21.32	3265550	20.0
Eicosane	22.87	3.2	ng	519312	6	23.59	3211850	20.0
Heneicosane	23.44	4.2	ng	675458	6	23.59	3211850	20.0
Tetratetracontane	24.10	4.6	ng	741817	6	23.59	3211850	20.0