LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083785.D
Acq On : 14 Dec 2015 22:51
Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

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:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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	2.738	54	57	63	rVB2	56991	122254	3.12%	0.406%
2	3.550	125	128	132	rBV	183815	307826	7.85%	1.023%
3	4.476	205	209	211	rBV	1227072	1717642	43.79%	5.708%
4	4.773	232	235	238	rVB	41722	45831	1.17%	0.152%
5	5.104	261	264	274	rVB	141078	208090	5.30%	0.692%
6	5.516	297	300	302	rBV	2494278	2513717	64.08%	8.354%
7	6.533	386	389	391	rBV	2355330	2474030	63.07%	8.222%
8	6.670	398	401	403	rBV	2881819	2763314	70.44%	9.183%
9	6.899	419	421	423	rBV	857854	687423	17.52%	2.284%
10	7.059	432	435	437	rBV	2682128	2370224	60.42%	7.877%
11	7.196	445	447	449	rVB	54423	47488	1.21%	0.158%
12	7.459	467	470	472	rBV	1878432	1828175	46.60%	6.075%
13	7.607	481	483	486	rBV	58995	57700	1.47%	0.192%
14	8.179	531	533	537	rVB2	895130	1185744	30.23%	3.940%
15	8.899	593	596	597	rVB	53921	66347	1.69%	0.220%
16	9.265	625	628	630	rBV	3401176	3922779	100.00%	13.036%
17	9.848	676	679	684	rBV	27455	44742	1.14%	0.149%
18	9.939	684	687	688	rVV	1001388	1010184	25.75%	3.357%
19	9.962	688	689	691	rVB	73931	86472	2.20%	0.287%
20	10.133	702	704	707	rBV	51483	61158	1.56%	0.203%
21	10.476	733	734	736	rVB	52464	51910	1.32%	0.173%
22	10.728	752	756	758	rBV	1888795	2465393	62.85%	8.193%
23	11.414	814	816	820	rBV	1038605	1149368	29.30%	3.820%
24	11.951	861	863	865	rBV	40179	44219	1.13%	0.147%
25	13.002	952	955	958	rBV	3211231	3499851	89.22%	11.631%
26	14.042	1044	1046	1049	rBV2	873799	1033328	26.34%	3.434%
27	15.483	1169	1172	1175	rBV	253641	326109	8.31%	1.084%

Sum of corrected areas: 30091318

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
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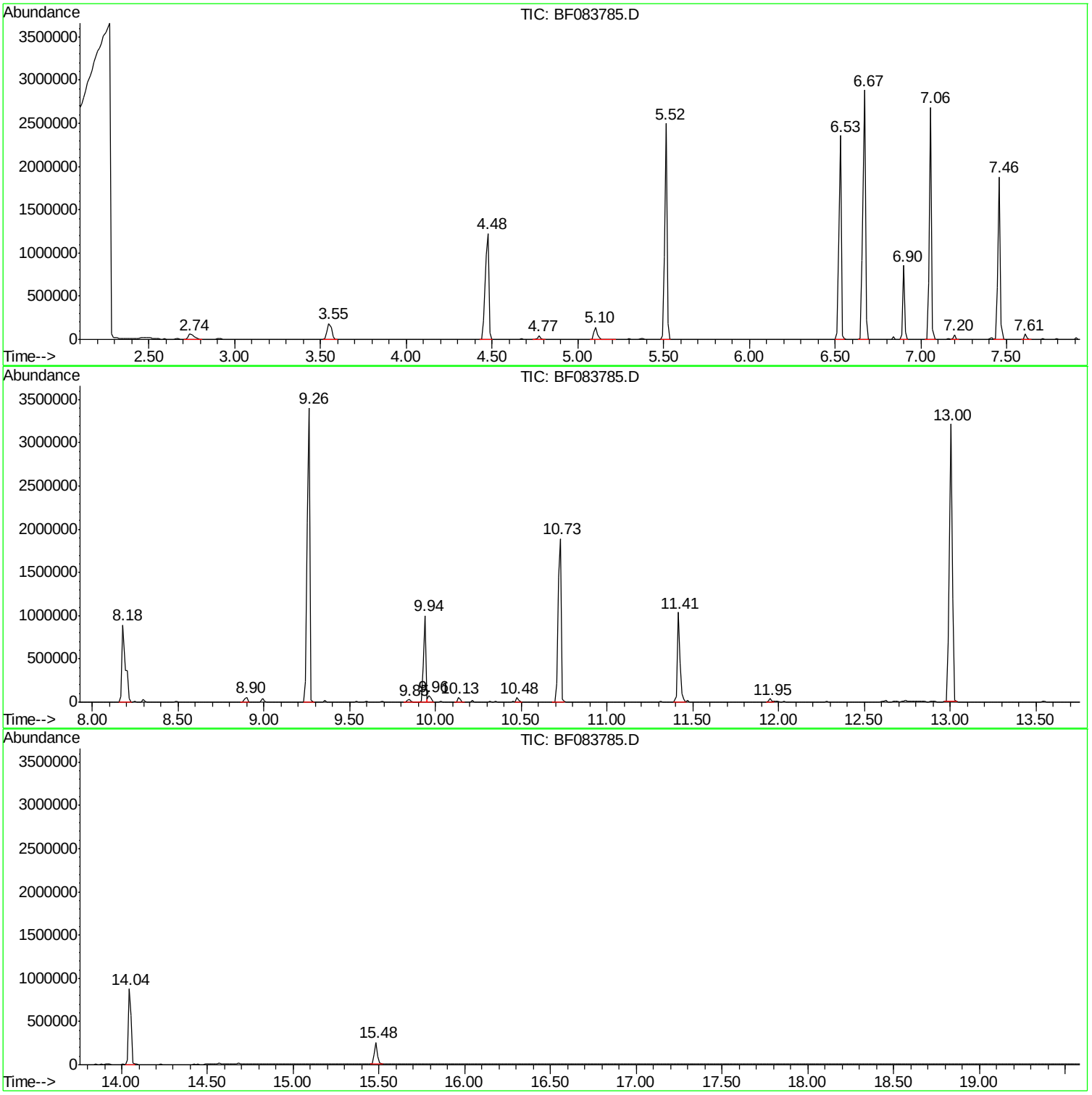
Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083785.D
Acq On : 14 Dec 2015 22:51
Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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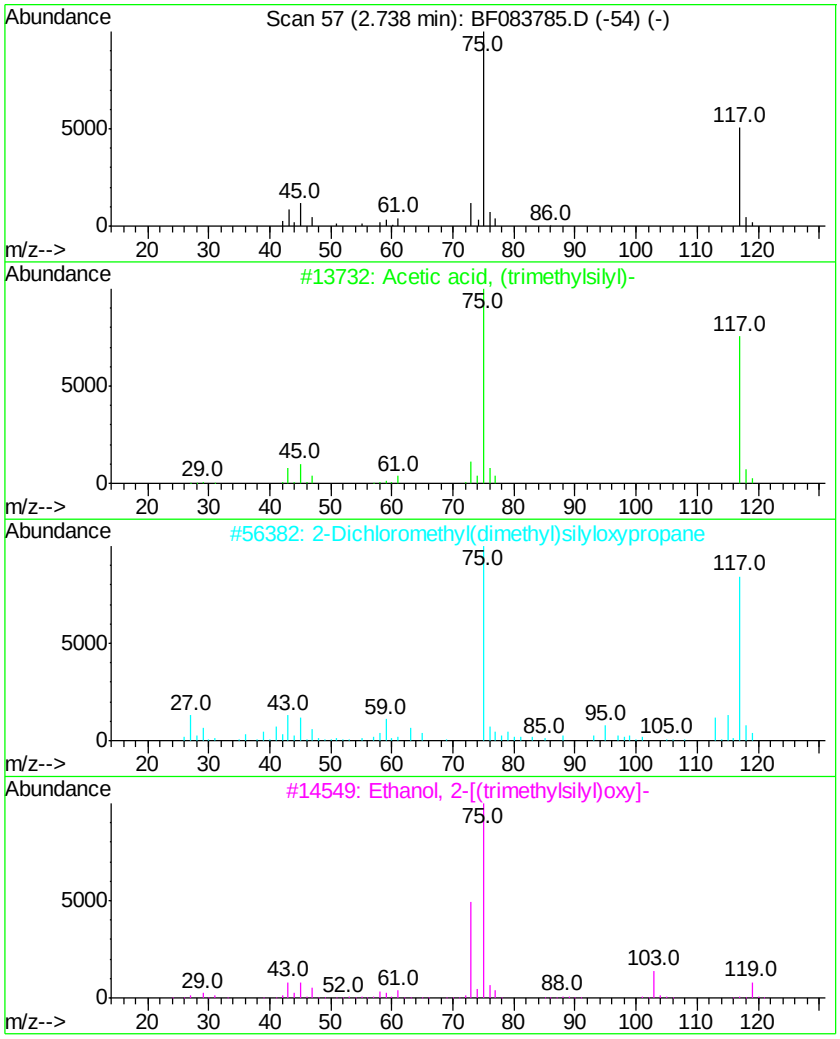
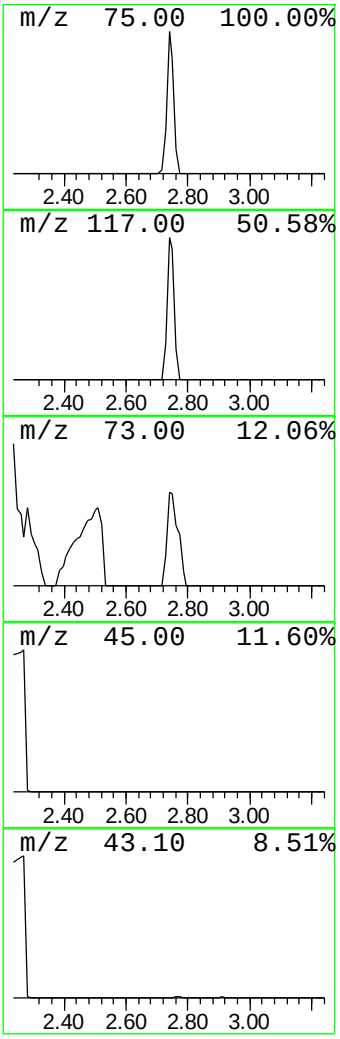
Peak Number 1 Acetic acid, (trimethylsilyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	3.56 ng	122254	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (trimethylsilyl)-	132	C5H12O2Si	002345-38-2	83
2	2-Dichloromethyl(dimethyl)silylo...	200	C6H14Cl2OSi	018209-57-9	72
3	Ethanol, 2-[(trimethylsilyl)oxy]-	134	C5H14O2Si	004403-13-8	50
4	Acetic acid, trimethylsilyl ester	132	C5H12O2Si	018147-36-9	47
5	Silane, trimethyl(1-methylethoxy)-	132	C6H16OSi	001825-64-5	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083785.D
Acq On : 14 Dec 2015 22:51
Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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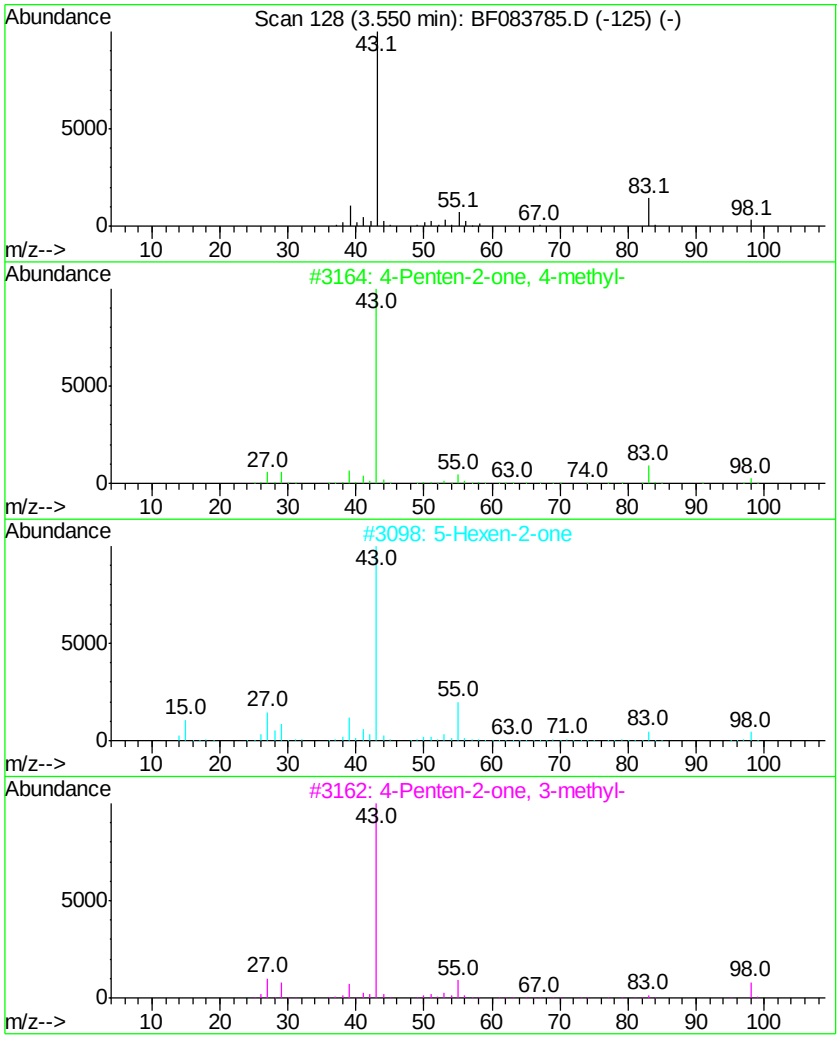
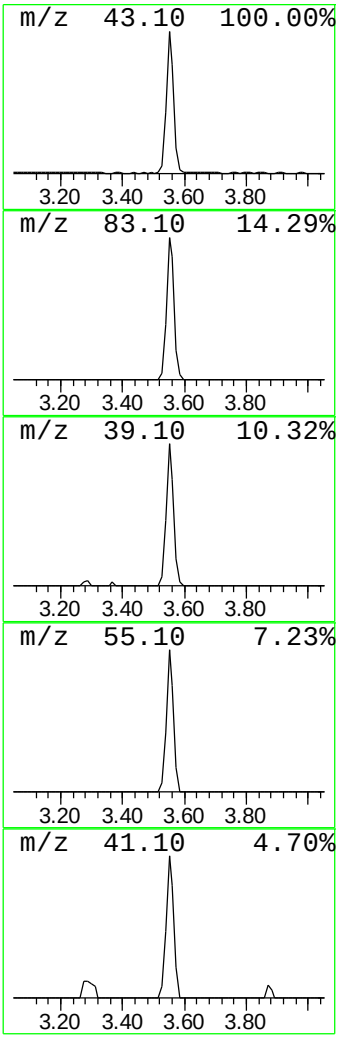
Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	8.96 ng	307826	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	53
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	37
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	27
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083785.D
Acq On : 14 Dec 2015 22:51
Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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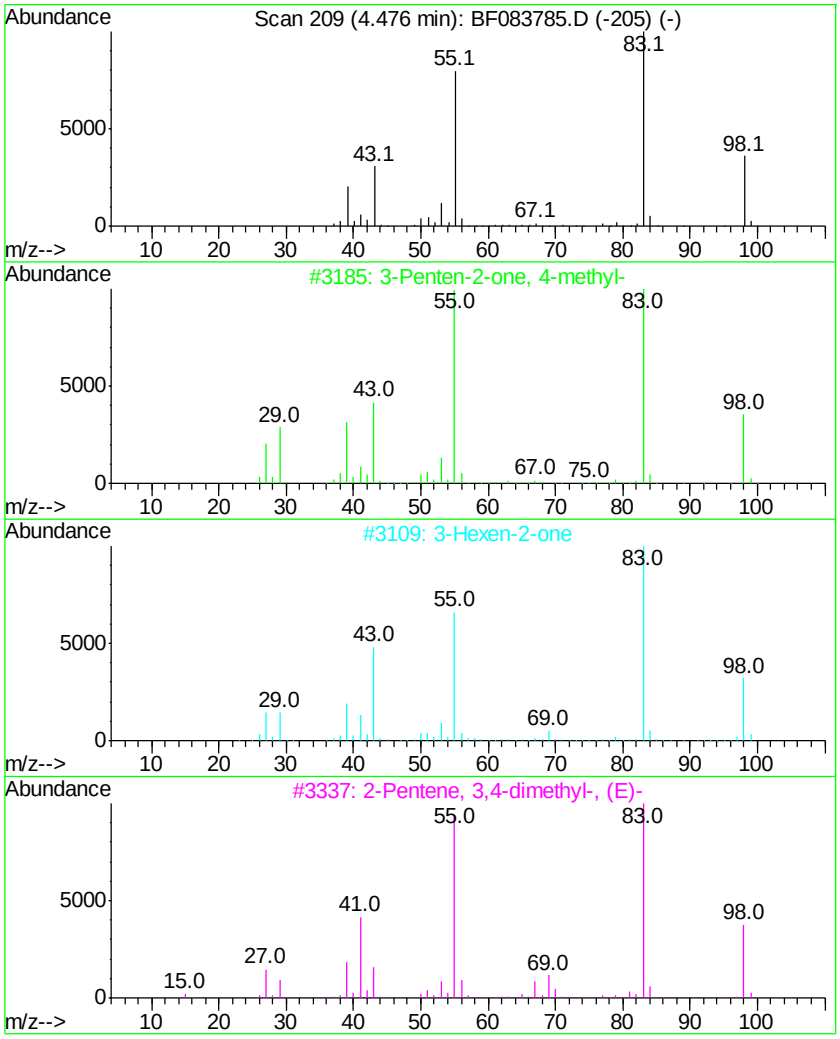
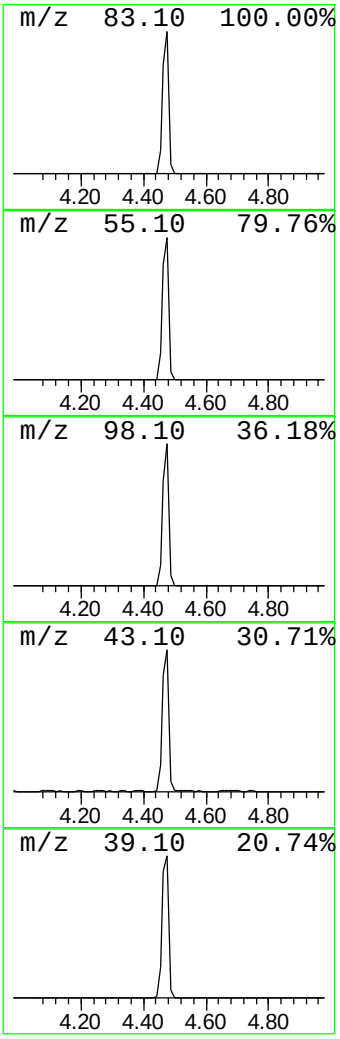
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	49.97 ng	1717640	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





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Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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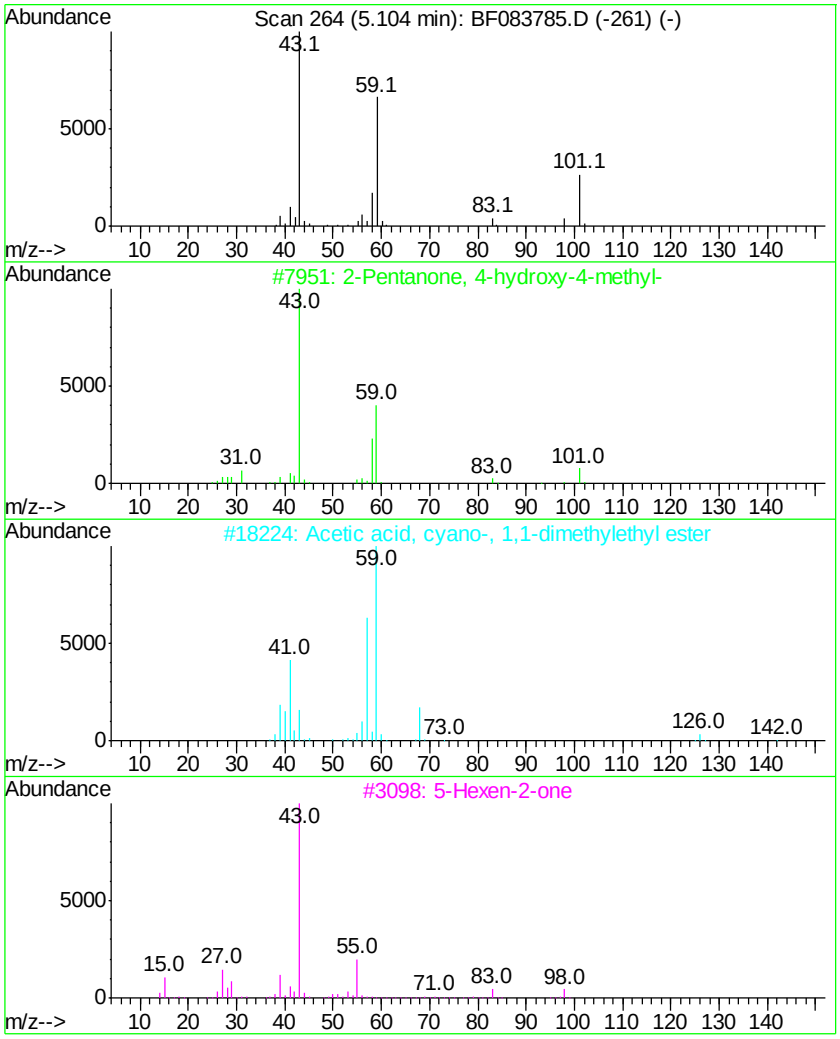
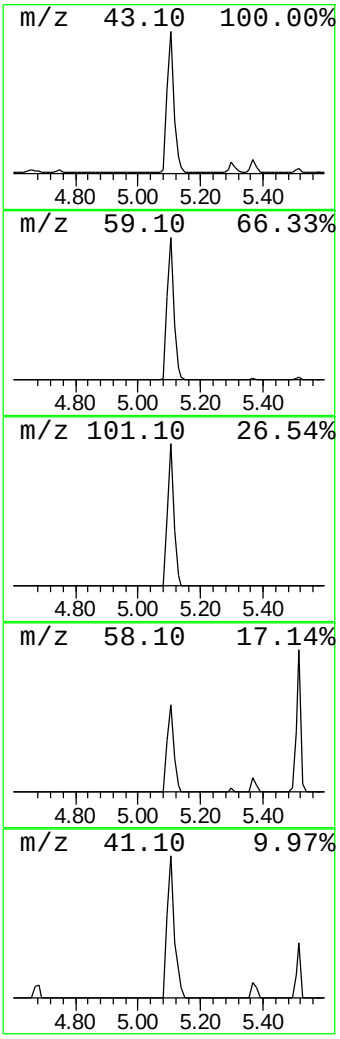
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	6.05 ng	208090	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
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Acq On : 14 Dec 2015 22:51
Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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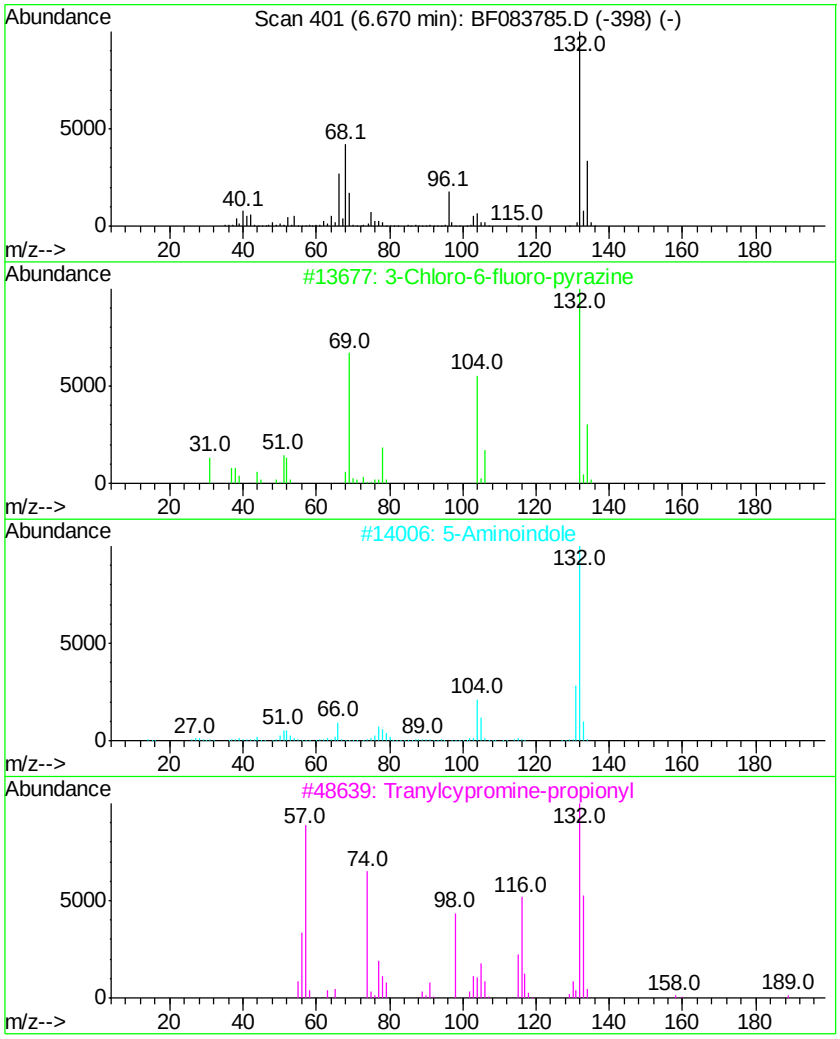
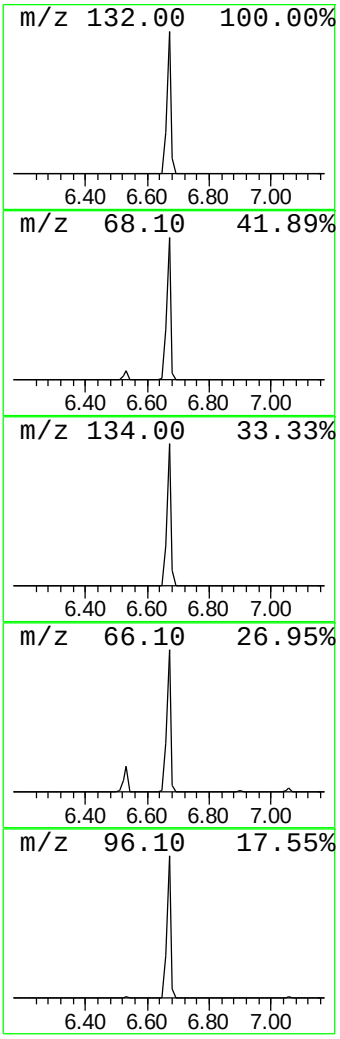
Peak Number 5 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	80.40 ng	2763310	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
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Sample : G4763-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SOIL-010

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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
Acetic acid, (tri...	2.74	3.6	ng	122254	1	6.90	687423	20.0
4-Penten-2-one, 4...	3.55	9.0	ng	307826	1	6.90	687423	20.0
3-Penten-2-one, 4...	4.48	50.0	ng	1717640	1	6.90	687423	20.0
2-Pentanone, 4-hy...	5.10	6.0	ng	208090	1	6.90	687423	20.0
unknown6.67	6.67	80.4	ng	2763310	1	6.90	687423	20.0