

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003708.D
 Acq On : 22 Dec 2015 15:09
 Operator : UM/SJ
 Sample : G4888-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-SOIL-011

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_M\METHODS\8270-BM120915.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	4.810	284	293	307	rBV	193481	270907	5.18%	1.604%
2	5.281	366	373	386	rBB	648549	916807	17.53%	5.427%
3	6.869	636	643	658	rBV	575996	871086	16.65%	5.157%
4	7.228	697	704	714	rBB	614872	960879	18.37%	5.688%
5	7.693	777	783	789	rBB	137912	204782	3.92%	1.212%
6	8.010	831	837	844	rBV	545491	891487	17.04%	5.277%
7	8.851	973	980	988	rBV	402181	637018	12.18%	3.771%
8	9.834	1128	1147	1158	rBV	125372	477035	9.12%	2.824%
9	10.486	1251	1258	1261	rBV	136302	251801	4.81%	1.491%
10	10.539	1261	1267	1275	rVB	2803681	5230437	100.00%	30.962%
11	10.651	1280	1286	1293	rVB	100557	162134	3.10%	0.960%
12	12.151	1535	1541	1547	rBB	88400	133214	2.55%	0.789%
13	12.269	1555	1561	1571	rBV	40189	66689	1.28%	0.395%
14	12.375	1573	1579	1584	rVB	43236	64205	1.23%	0.380%
15	12.963	1673	1679	1687	rVB	1048080	1517437	29.01%	8.983%
16	14.345	1908	1914	1920	rBV2	211581	319636	6.11%	1.892%
17	14.410	1920	1925	1930	rVB	72122	96846	1.85%	0.573%
18	15.839	2162	2168	2178	rBB	664730	910212	17.40%	5.388%
19	17.092	2376	2381	2386	rBV	220768	314524	6.01%	1.862%
20	17.380	2425	2430	2435	rBB	107294	123423	2.36%	0.731%
21	19.733	2824	2830	2835	rBV	1475350	1805293	34.52%	10.687%
22	21.298	3090	3096	3104	rVB	286546	358647	6.86%	2.123%
23	23.539	3470	3477	3488	rVB2	167128	308452	5.90%	1.826%

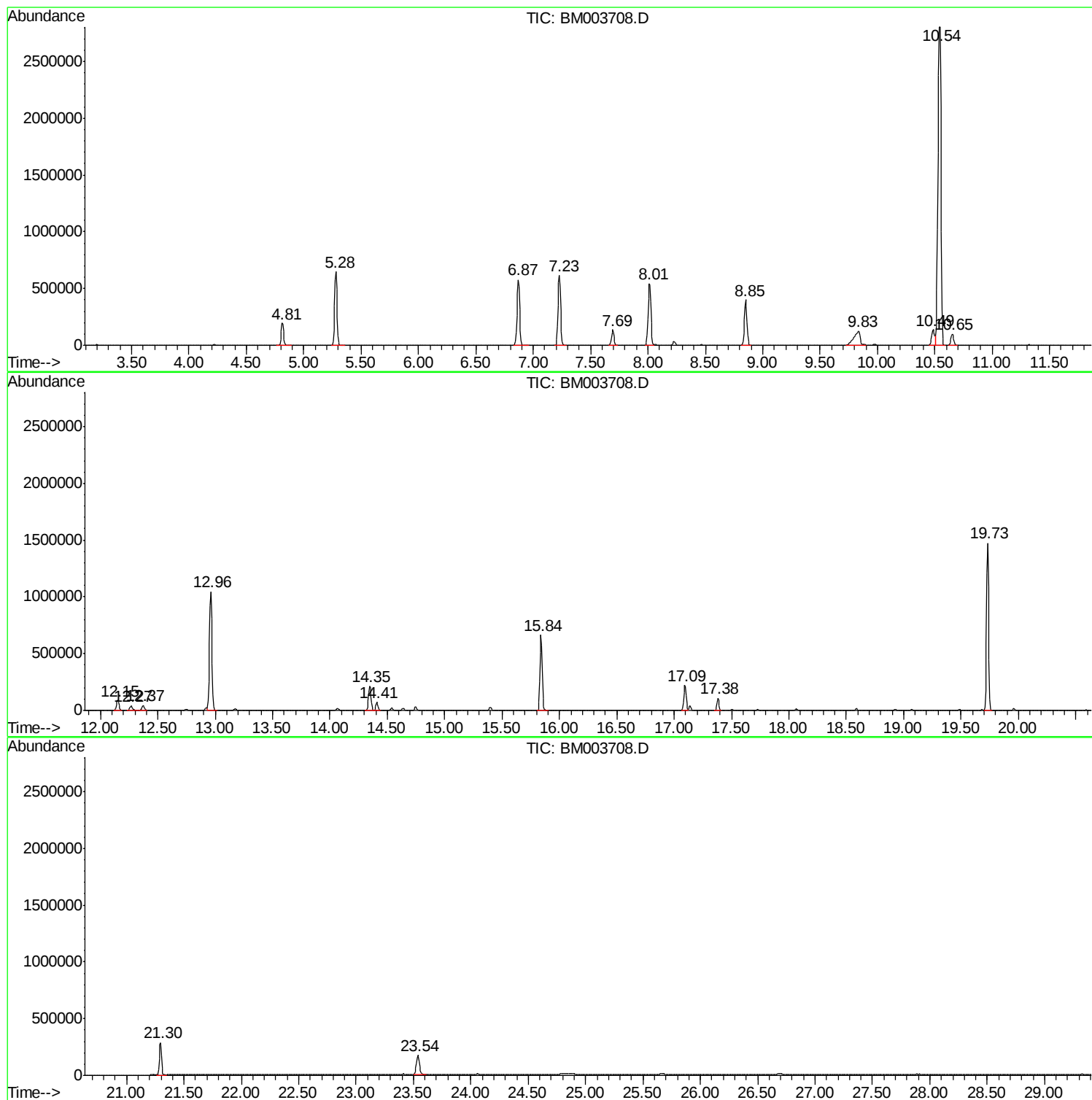
Sum of corrected areas: 16892951

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003708.D
Acq On : 22 Dec 2015 15:09
Operator : UM/SJ
Sample : G4888-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-SOIL-011

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003708.D
Acq On : 22 Dec 2015 15:09
Operator : UM/SJ
Sample : G4888-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-SOIL-011

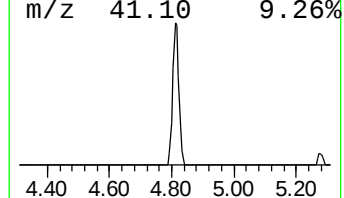
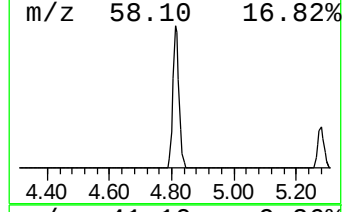
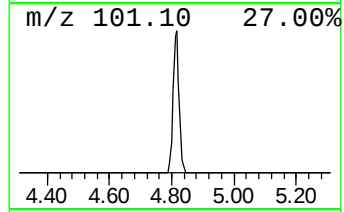
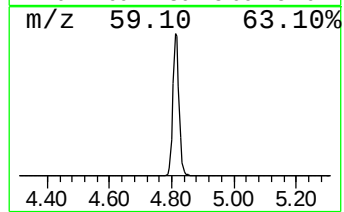
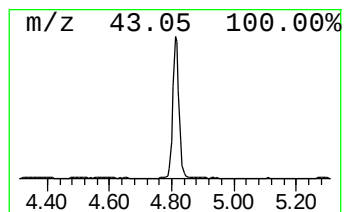
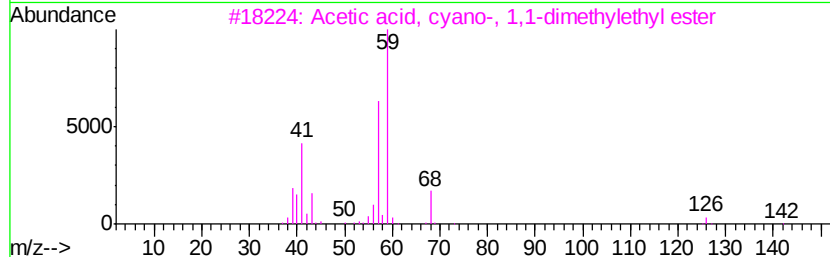
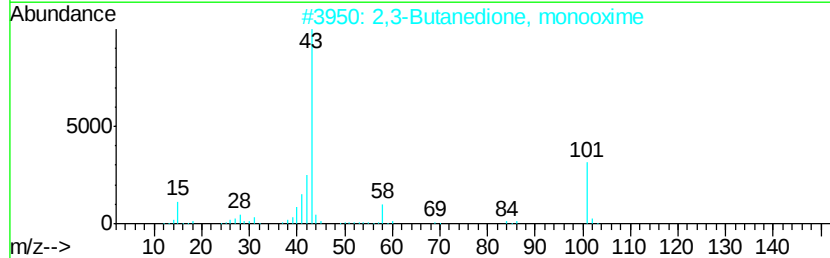
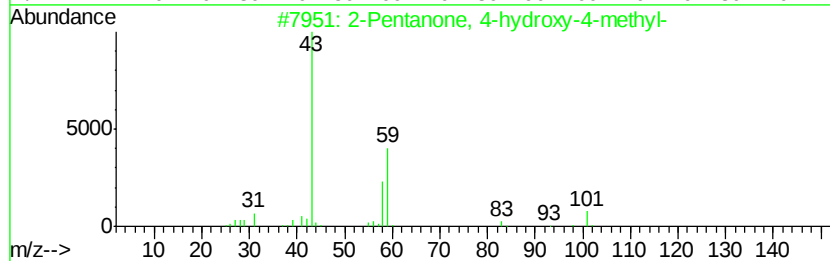
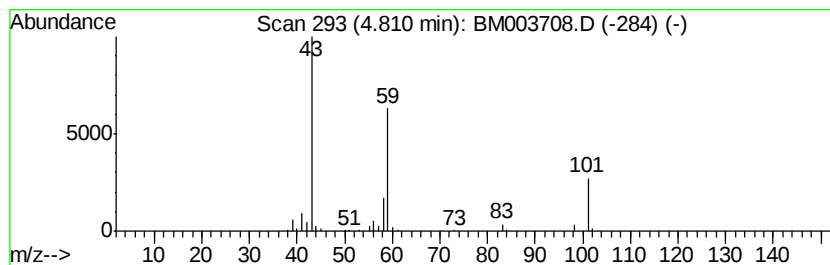
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.81	26.46 ng	270907	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
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 M\DATA\BM122315\
Data File : BM003708.D
Acq On : 22 Dec 2015 15:09
Operator : UM/SJ
Sample : G4888-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-SOIL-011

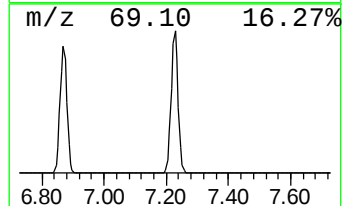
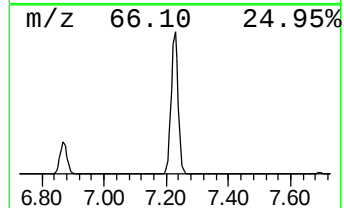
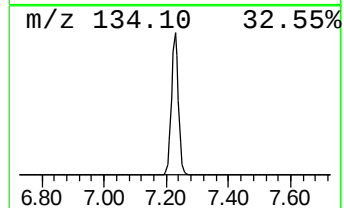
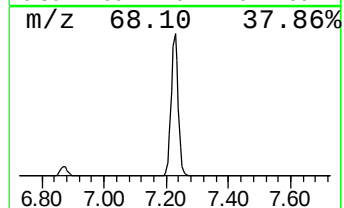
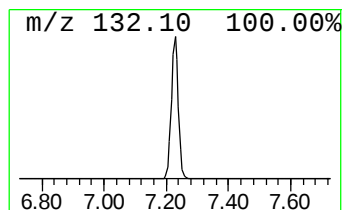
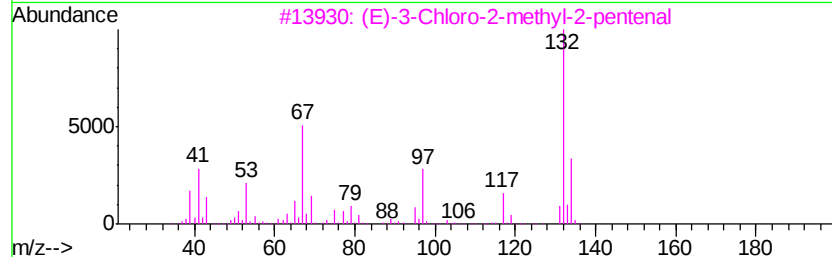
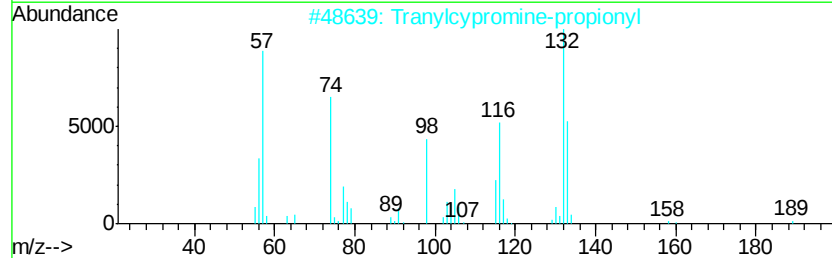
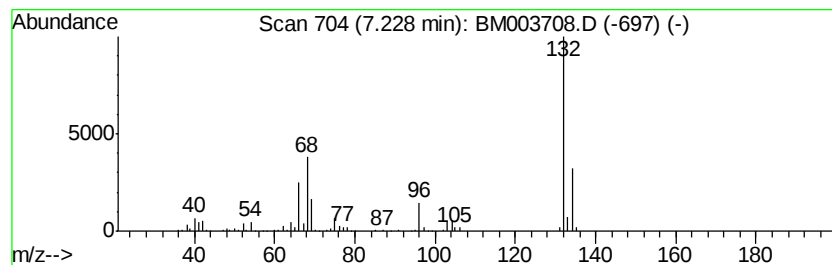
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	93.84 ng	960879	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003708.D
Acq On : 22 Dec 2015 15:09
Operator : UM/SJ
Sample : G4888-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-SOIL-011

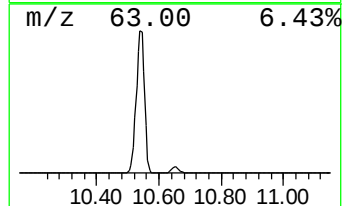
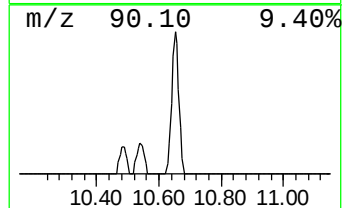
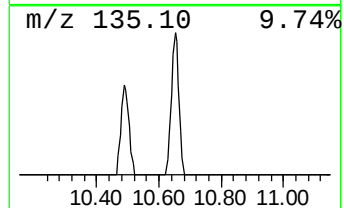
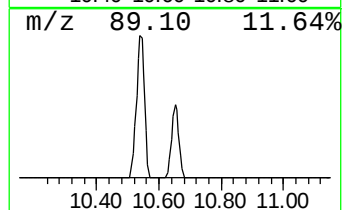
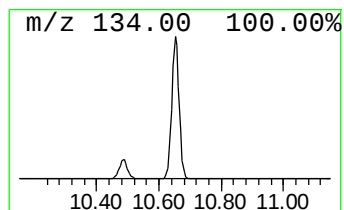
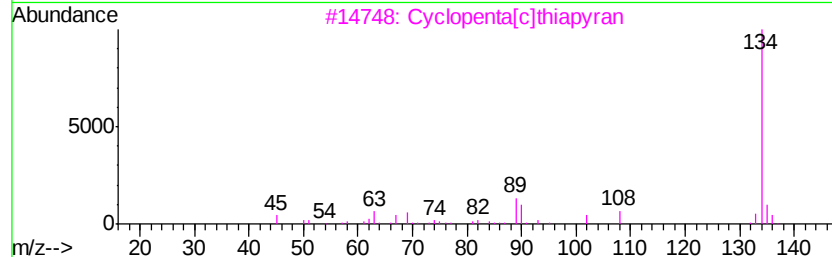
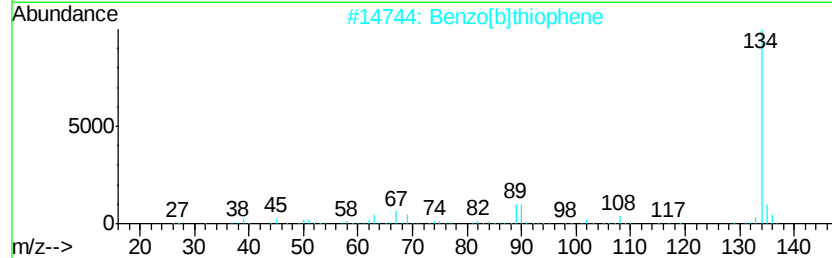
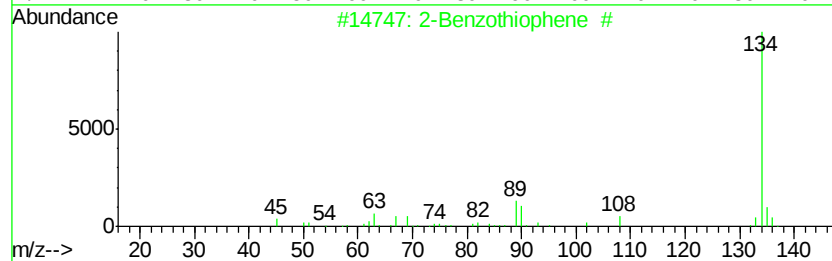
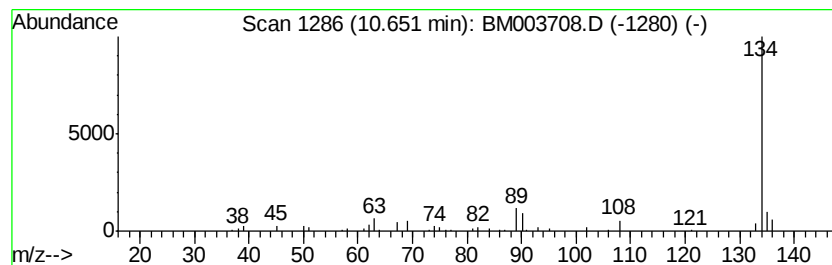
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Benzothiophene # Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	12.88 ng	162134	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4		Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	87
5		[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	74



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003708.D
Acq On : 22 Dec 2015 15:09
Operator : UM/SJ
Sample : G4888-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

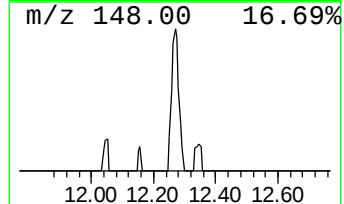
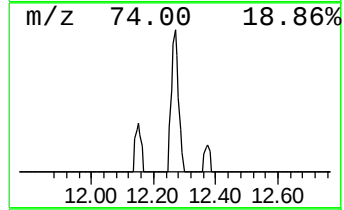
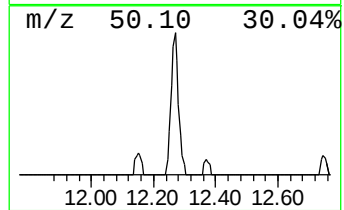
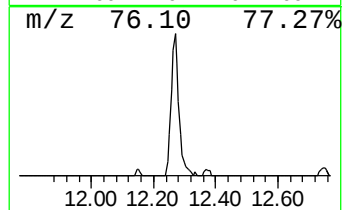
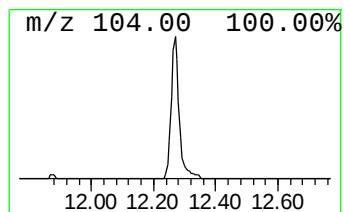
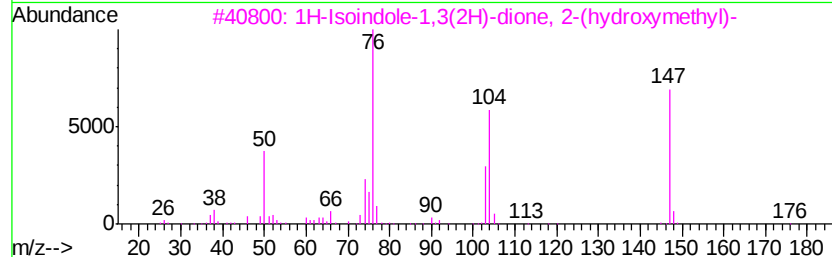
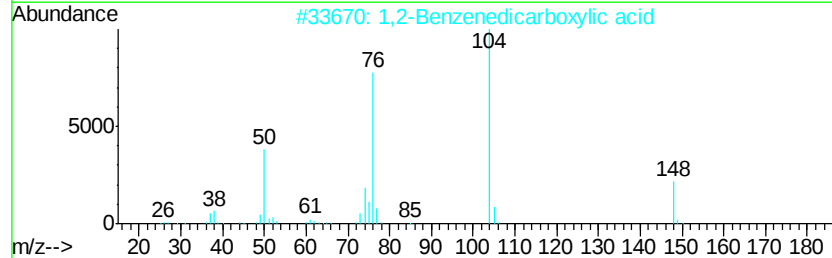
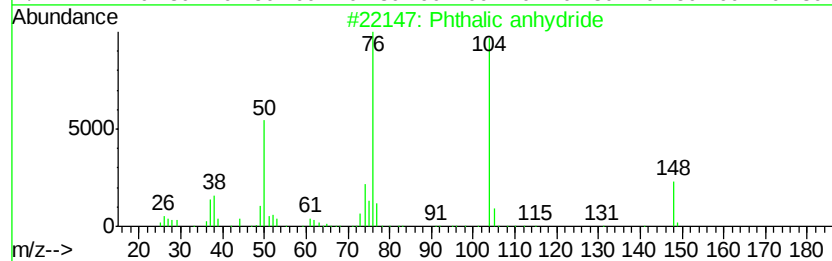
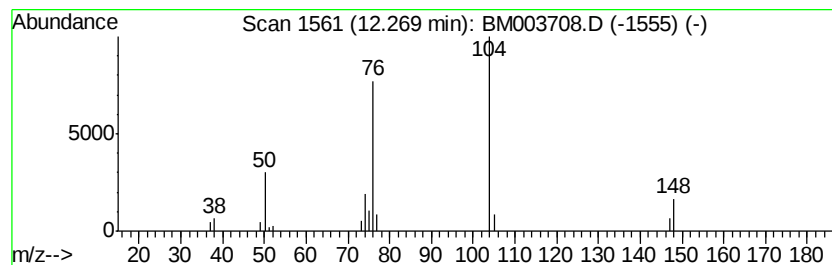
Instrument :
BNA_M
ClientSampleId :
WC-SOIL-011

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phthalic anhydride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.27	5.30 ng	66689	Naphthalene-d8	10.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	94
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3	1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7N03	000118-29-6	72
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	72
5	Phthalamic acid	165	C8H7N03	000088-97-1	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003708.D
Acq On : 22 Dec 2015 15:09
Operator : UM/SJ
Sample : G4888-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-SOIL-011

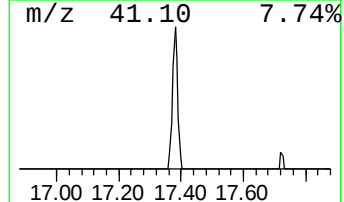
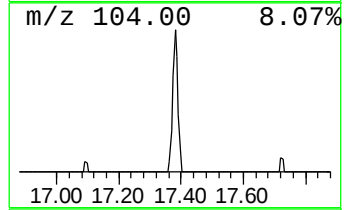
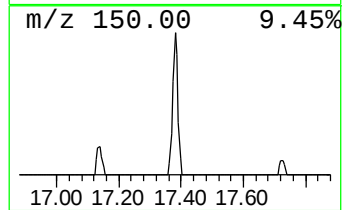
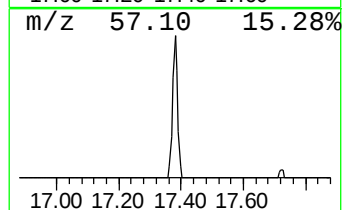
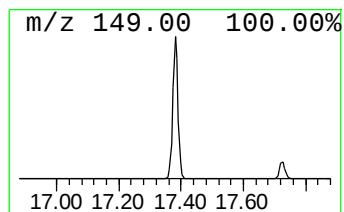
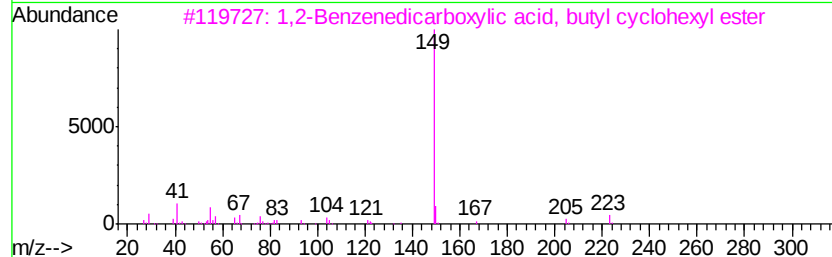
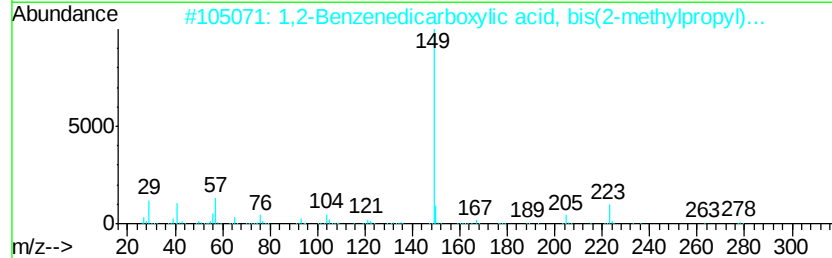
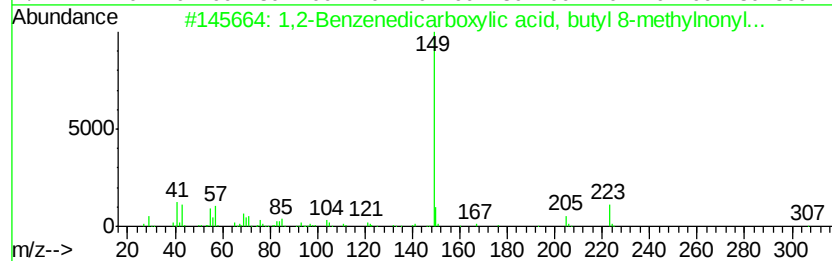
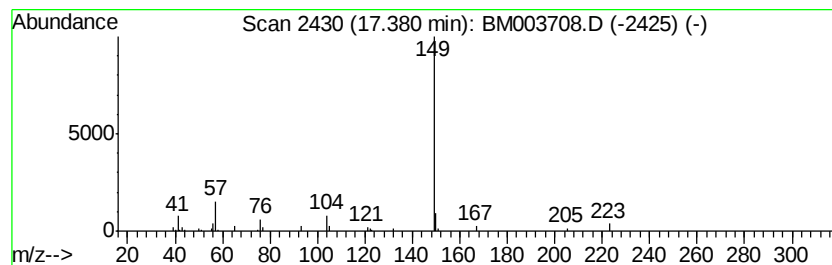
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	7.85 ng	123423	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78
2		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
3		1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	72
4		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	72
5		Dibutyl phthalate	278	C16H22O4	000084-74-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
Data File : BM003708.D
Acq On : 22 Dec 2015 15:09
Operator : UM/SJ
Sample : G4888-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-SOIL-011

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	26.5	ng	270907	1	7.69	204782	20.0
unknown7.23	7.23	93.8	ng	960879	1	7.69	204782	20.0
2-Benzothiophene #	10.65	12.9	ng	162134	2	10.49	251801	20.0
Phthalic anhydride	12.27	5.3	ng	66689	2	10.49	251801	20.0
1,2-Benzenedicarb...	17.38	7.8	ng	123423	4	17.09	314524	20.0