

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080769.D
 Acq On : 1 Aug 2015 9:13
 Operator : TP/UM
 Sample : G3130-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-3

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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	2.201	8	10	12	rVB	7788684	10590451	100.00%	21.848%
2	4.418	178	204	207	rBV	248269	963208	9.10%	1.987%
3	5.070	257	261	269	rBV	2365794	3599793	33.99%	7.426%
4	5.470	292	296	298	rBV	3144186	3904385	36.87%	8.055%
5	5.870	329	331	333	rBV	188854	172550	1.63%	0.356%
6	6.476	382	384	387	rBV	2394743	3286546	31.03%	6.780%
7	6.624	394	397	399	rBV	3464860	4067517	38.41%	8.391%
8	6.853	415	417	419	rBV	933881	795545	7.51%	1.641%
9	7.013	428	431	433	rVB	2582888	3005677	28.38%	6.201%
10	7.413	463	466	468	rBV	2753767	2714862	25.63%	5.601%
11	8.133	526	529	531	rBV	1087005	969989	9.16%	2.001%
12	9.207	620	623	626	rBV	3942106	4086213	38.58%	8.430%
13	9.596	655	657	660	rVB	119859	150951	1.43%	0.311%
14	9.882	680	682	684	rBV	1074301	1003182	9.47%	2.070%
15	10.670	748	751	753	rBV	2750331	2796978	26.41%	5.770%
16	11.368	809	812	814	rBV	748007	962831	9.09%	1.986%
17	11.893	856	858	860	rBV	128853	138179	1.30%	0.285%
18	12.945	948	950	953	rBV	2921822	3962330	37.41%	8.174%
19	13.985	1039	1041	1044	rBV	659537	721889	6.82%	1.489%
20	15.402	1162	1165	1168	rBV	401368	581205	5.49%	1.199%

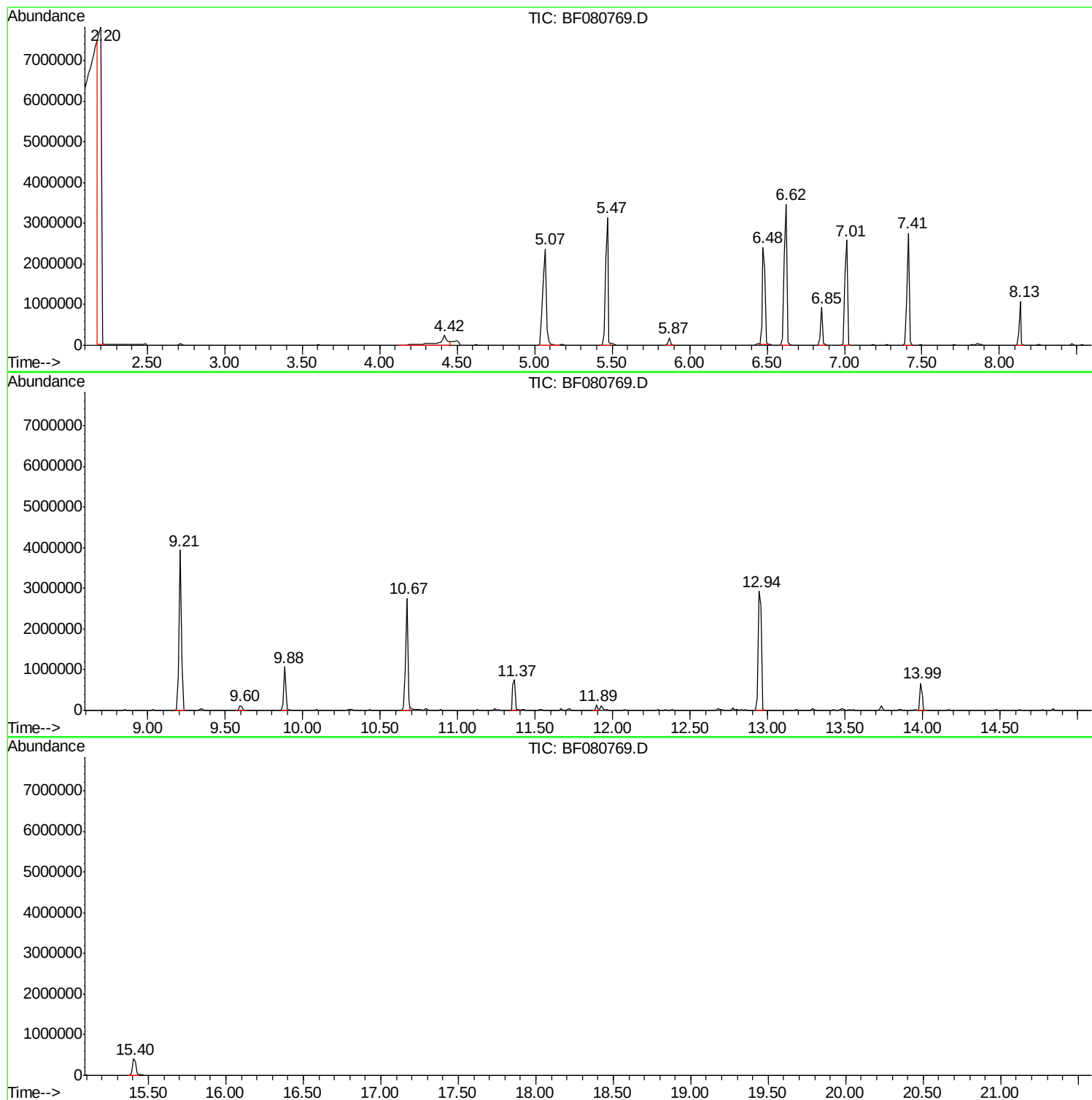
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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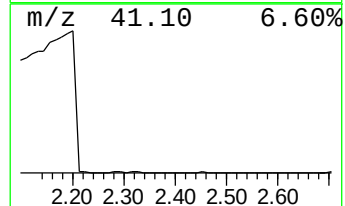
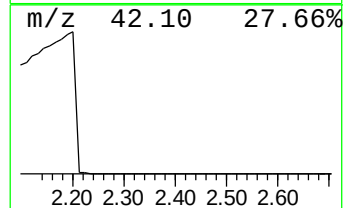
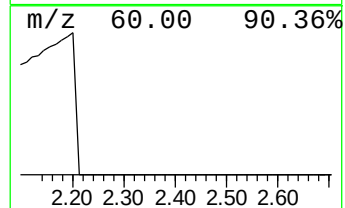
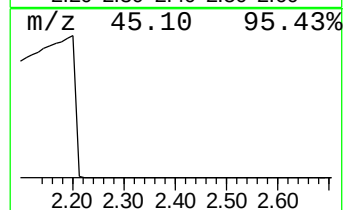
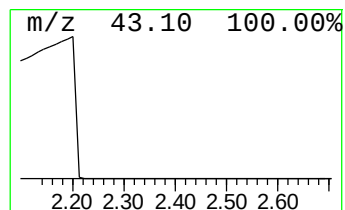
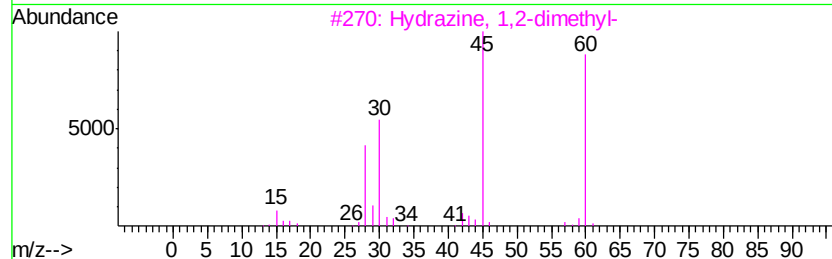
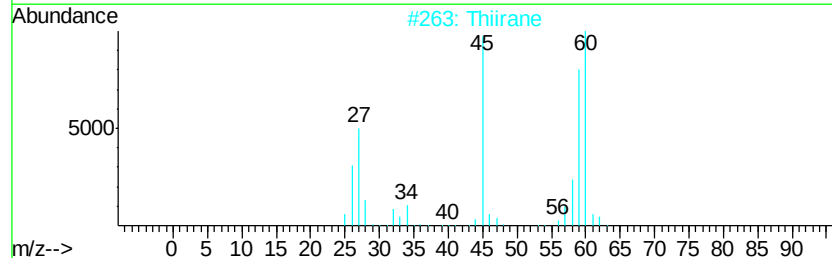
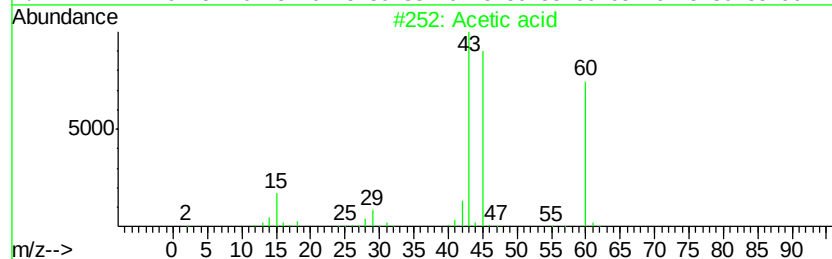
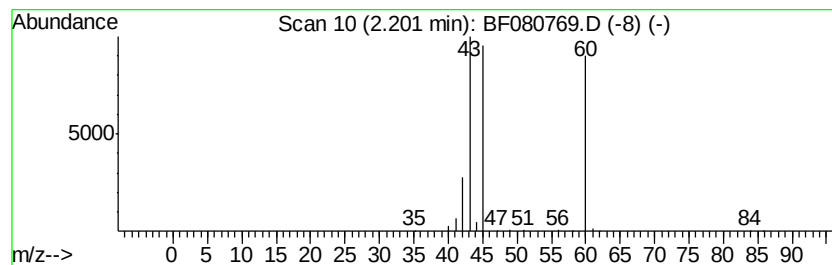
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Peak Number 1 Acetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	266.24 ng	10590500	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid	60	C2H4O2	000064-19-7	78
2		Thiirane	60	C2H4S	000420-12-2	9
3		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4		Ammonium acetate	77	C2H7NO2	000631-61-8	9
5		Acetic acid, anhydride with form...	88	C3H4O3	002258-42-6	9



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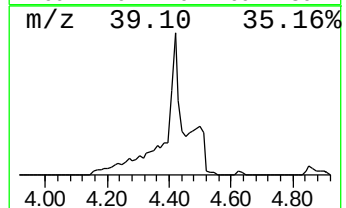
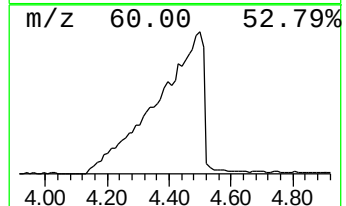
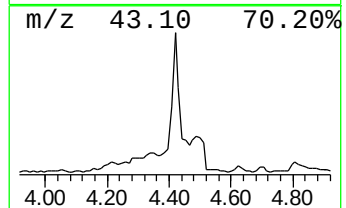
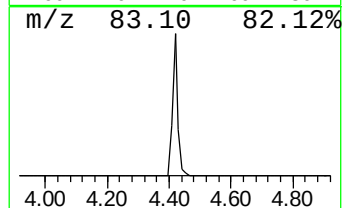
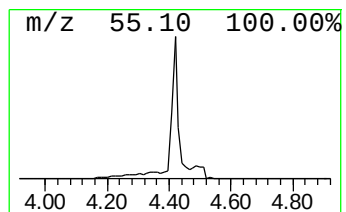
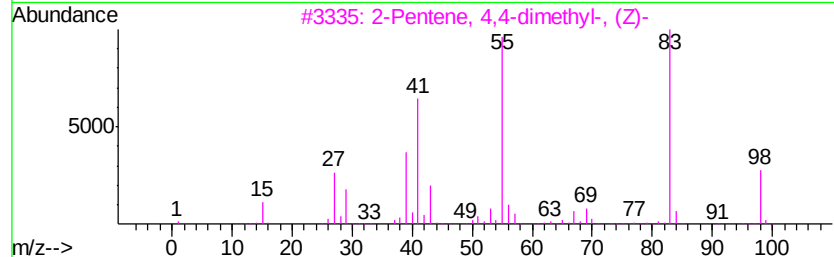
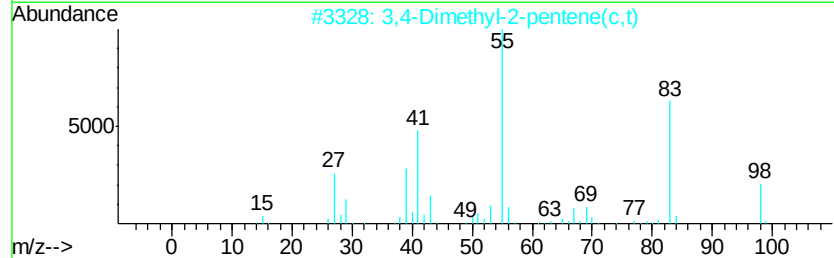
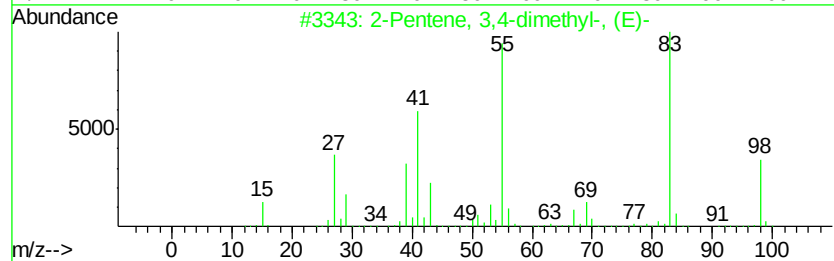
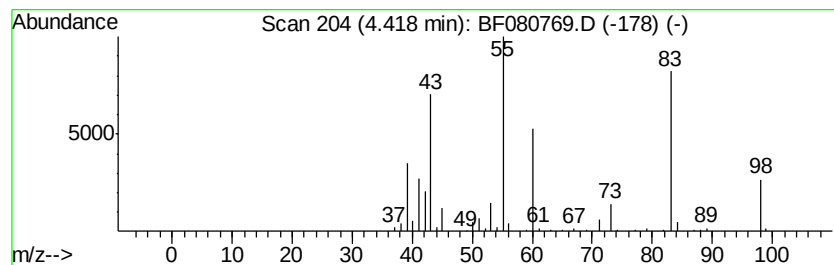
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Peak Number 2 2-Pentene, 3,4-dimethyl-, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	24.22 ng	963208	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	50
2		3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	50
3		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	47
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	47
5		2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	47



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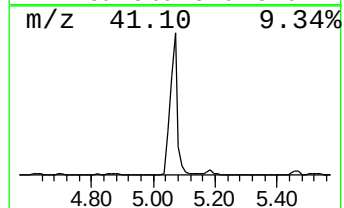
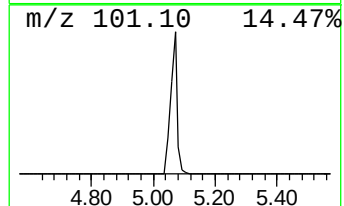
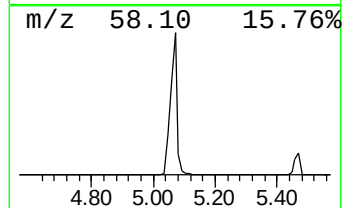
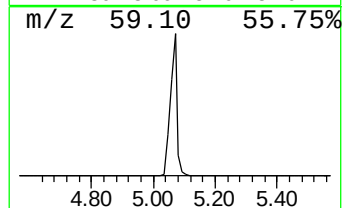
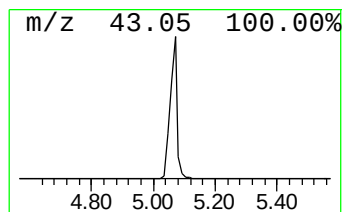
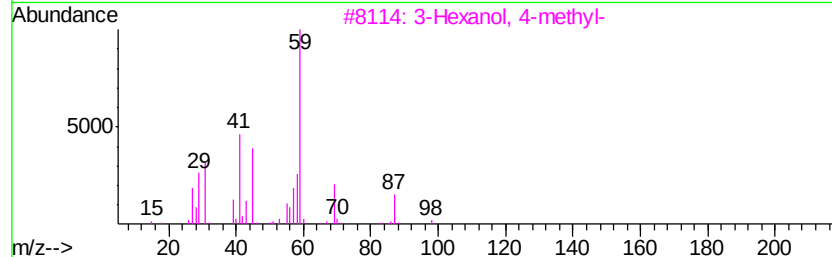
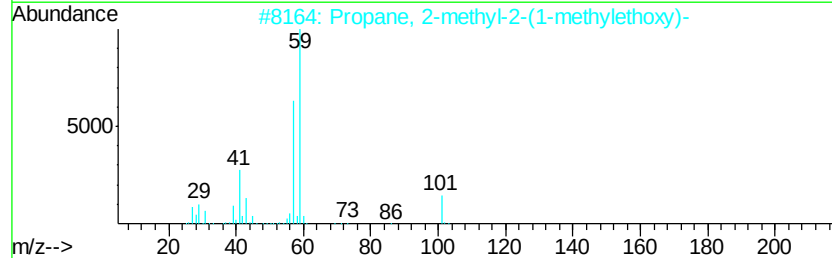
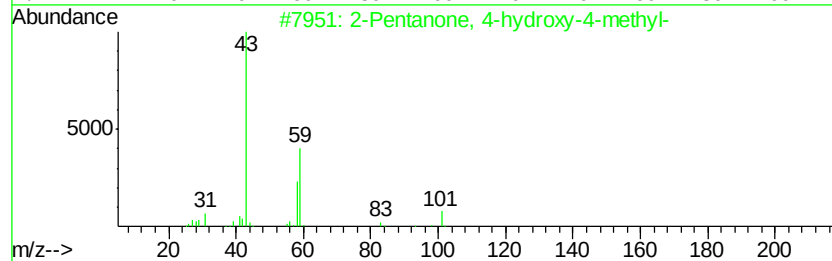
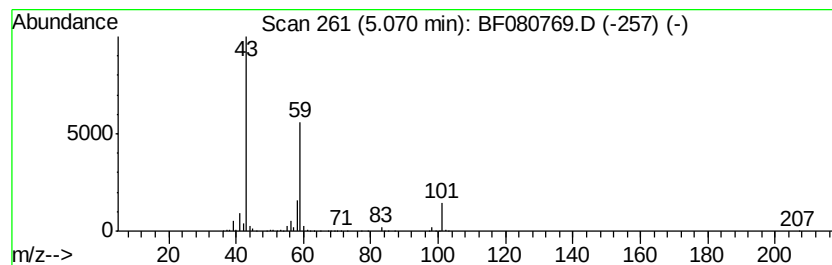
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	90.50 ng	3599790	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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Instrument :
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ClientSampled :
SOIL-3

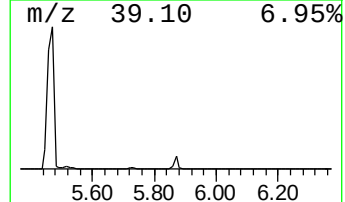
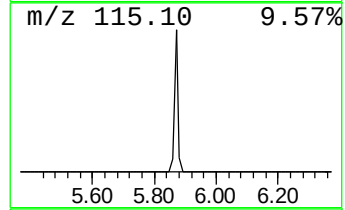
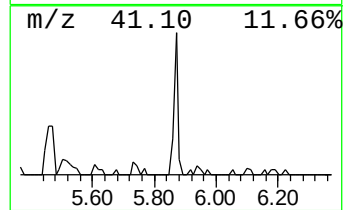
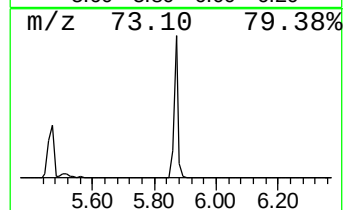
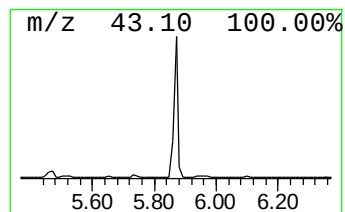
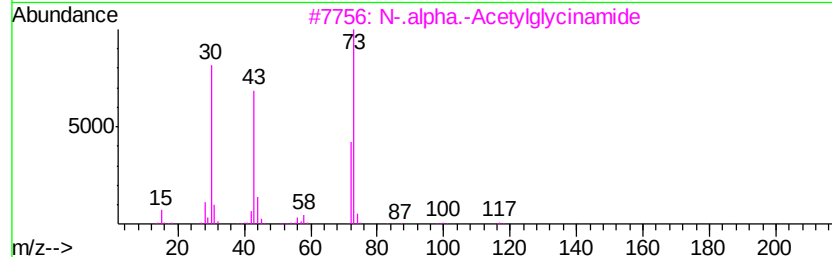
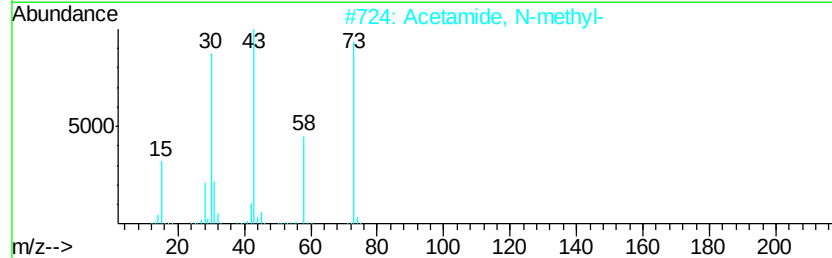
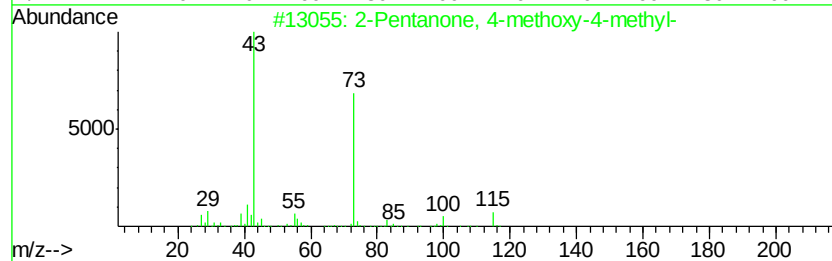
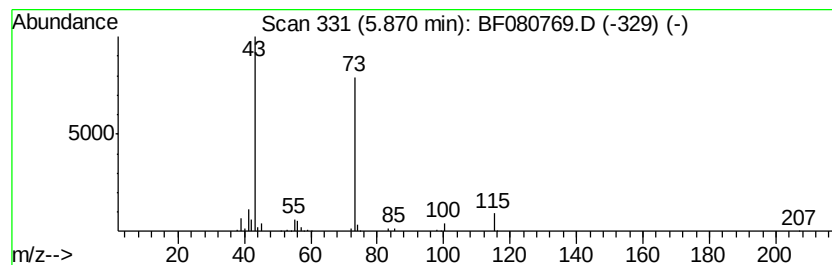
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	4.34 ng	172550	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	38
3		N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
4		1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	35
5		1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25



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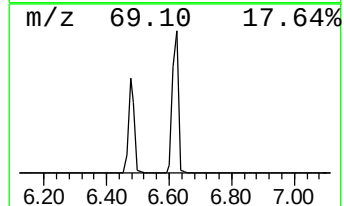
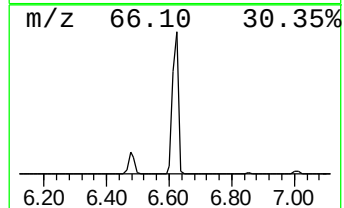
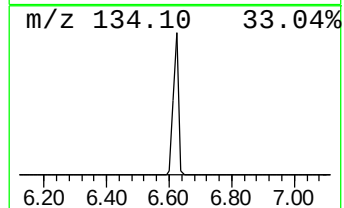
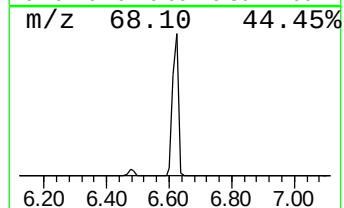
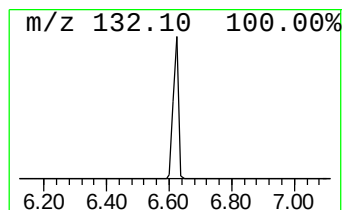
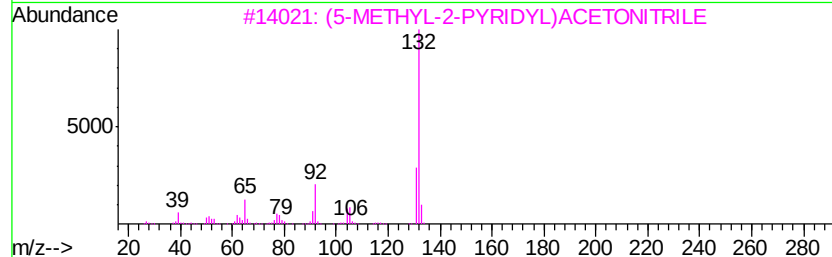
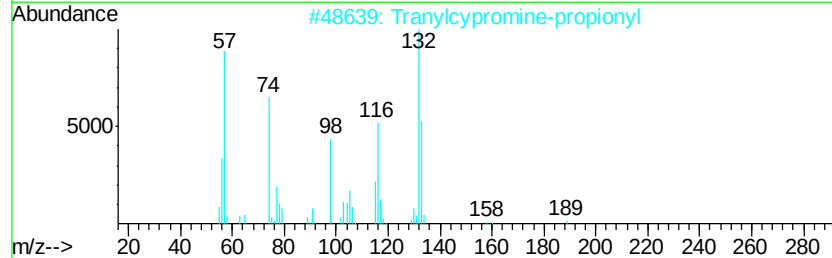
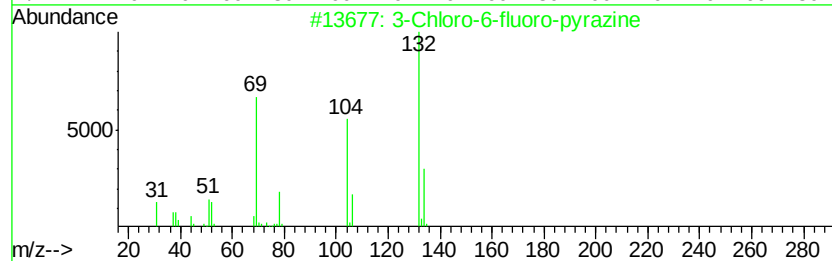
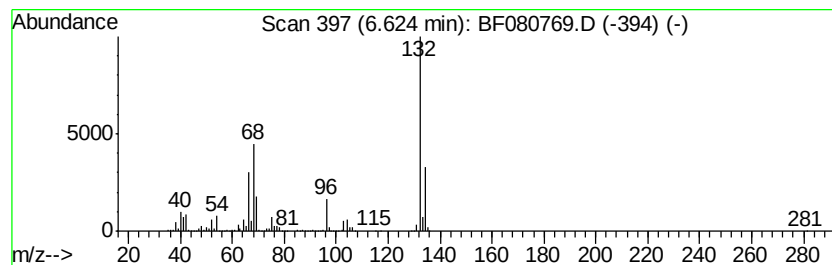
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Peak Number 5 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	102.26 ng	4067520	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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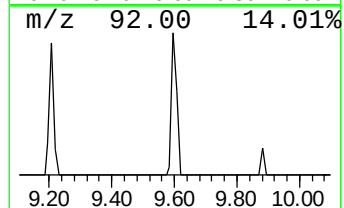
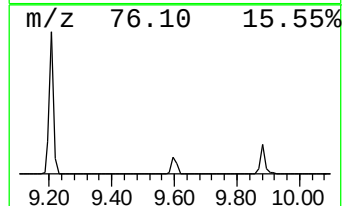
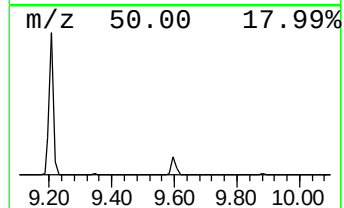
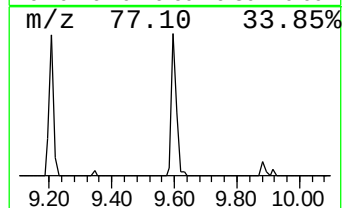
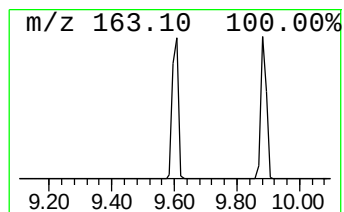
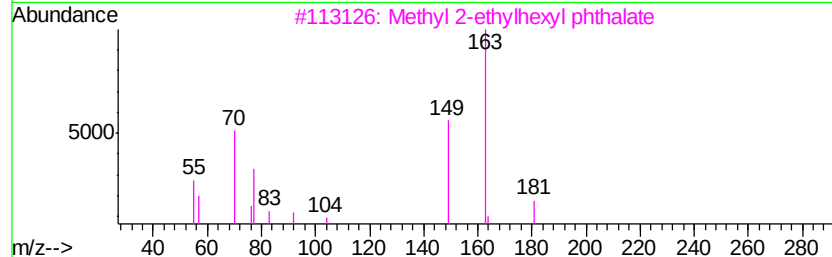
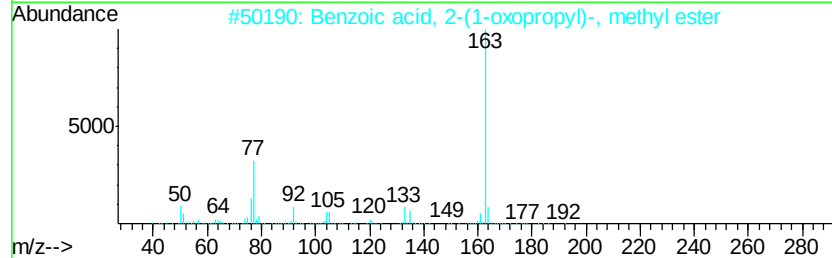
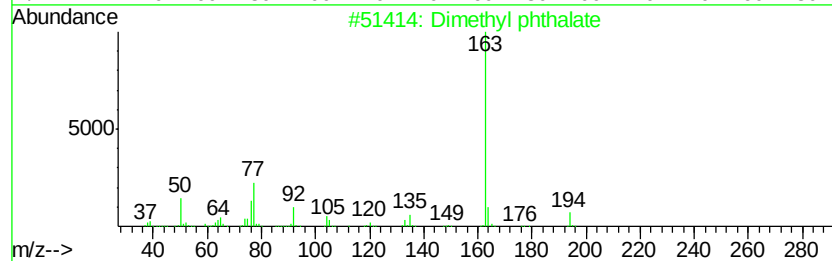
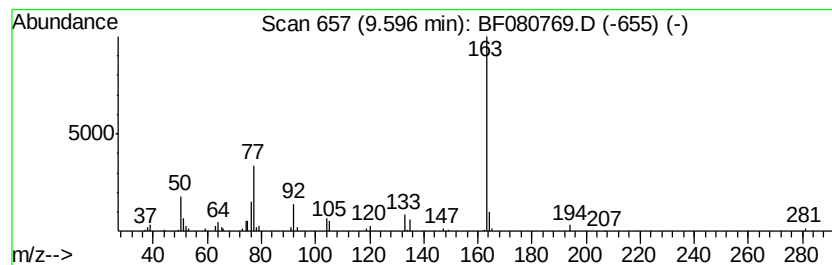
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dimethyl phthalate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.60	3.01 ng	150951	Acenaphthene-d10	9.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	83
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83
3	Methyl 2-ethylhexyl phthalate	292	C17H24O4	056166-83-7	78
4	1,2-Benzenedicarboxylic acid, 2-...	266	C13H14O6	000085-71-2	72
5	1H-Isoindole-1,3(2H)-dione, 2-hy...	163	C8H5NO3	000524-38-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080769.D
Acq On : 1 Aug 2015 9:13
Operator : TP/UM
Sample : G3130-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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
Acetic acid	2.20	266.2	ng	10590500	1	6.85	795545	20.0
2-Pentene, 3,4-di...	4.42	24.2	ng	963208	1	6.85	795545	20.0
2-Pentanone, 4-hy...	5.07	90.5	ng	3599790	1	6.85	795545	20.0
2-Pentanone, 4-me...	5.87	4.3	ng	172550	1	6.85	795545	20.0
unknown6.62	6.62	102.3	ng	4067520	1	6.85	795545	20.0
Dimethyl phthalate	9.60	3.0	ng	150951	3	9.88	1003180	20.0