

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084773.D
 Acq On : 3 Feb 2016 5:17
 Operator : SJ/IZ
 Sample : H1306-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL02

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-BF020116.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	2.430	27	30	38	rVB	193194	251222	3.90%	0.453%
2	4.178	181	183	188	rVB	75304	113775	1.76%	0.205%
3	4.876	240	244	254	rVB	1647139	2587278	40.13%	4.666%
4	5.241	274	276	279	rBV	80980	119967	1.86%	0.216%
5	5.310	279	282	284	rBV	4909262	5014353	77.77%	9.043%
6	5.516	298	300	303	rVB	108896	96092	1.49%	0.173%
7	6.213	360	361	363	rBV	118446	120868	1.87%	0.218%
8	6.293	366	368	370	rBV	120145	98961	1.53%	0.178%
9	6.350	370	373	376	rBV	3469808	4527804	70.23%	8.166%
10	6.476	381	384	386	rBV	4566027	5473374	84.89%	9.871%
11	6.521	386	388	390	rBV	407941	349832	5.43%	0.631%
12	6.693	401	403	405	rBV	1086386	1124975	17.45%	2.029%
13	6.750	405	408	410	rVV	166018	239122	3.71%	0.431%
14	6.853	414	417	422	rVB	4275744	3900581	60.50%	7.035%
15	7.024	430	432	437	rVB	96515	92249	1.43%	0.166%
16	7.264	450	453	456	rVB	2693231	3414244	52.95%	6.158%
17	7.504	472	474	475	rVB	77527	77148	1.20%	0.139%
18	7.653	483	487	490	rVB2	48680	80506	1.25%	0.145%
19	7.722	490	493	495	rBV2	203872	269949	4.19%	0.487%
20	7.824	498	502	504	rVB	180520	186662	2.90%	0.337%
21	7.984	513	516	519	rBV	1711838	2100146	32.57%	3.788%
22	8.487	558	560	563	rVB	100594	92987	1.44%	0.168%
23	8.647	570	574	576	rBV2	71920	83648	1.30%	0.151%
24	8.693	576	578	581	rVB	443109	437738	6.79%	0.789%
25	8.796	584	587	589	rBV	373568	377891	5.86%	0.682%
26	9.070	607	611	613	rVB	4430595	6447550	100.00%	11.628%
27	9.162	615	619	621	rVB	64942	82132	1.27%	0.148%
28	9.253	625	627	630	rVB	75147	97785	1.52%	0.176%
29	9.322	630	633	636	rBV	120266	160814	2.49%	0.290%
30	9.390	636	639	641	rBV	190240	269875	4.19%	0.487%
31	9.425	641	642	644	rVV	125462	98510	1.53%	0.178%
32	9.516	647	650	653	rVV	67774	109257	1.69%	0.197%
33	9.733	666	669	671	rBV	1829646	1809605	28.07%	3.264%
34	9.767	671	672	674	rVB	92909	79316	1.23%	0.143%

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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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.939	684	687	689 rBV	71007	75916	1.18%	0.137%
36	10.145	702	705	710 rVB2	24929	69897	1.08%	0.126%
37	10.522	735	738	741 rBV	3447507	4056593	62.92%	7.316%
38	11.219	796	799	801 rBV	1376714	1852719	28.74%	3.341%
39	12.636	921	923	925 rBV2	125968	107237	1.66%	0.193%
40	12.808	935	938	940 rBV	5844128	6446115	99.98%	11.625%
41	13.848	1026	1029	1031 rBV	1158707	1418556	22.00%	2.558%
42	15.219	1146	1149	1152 rBV	831261	1034879	16.05%	1.866%

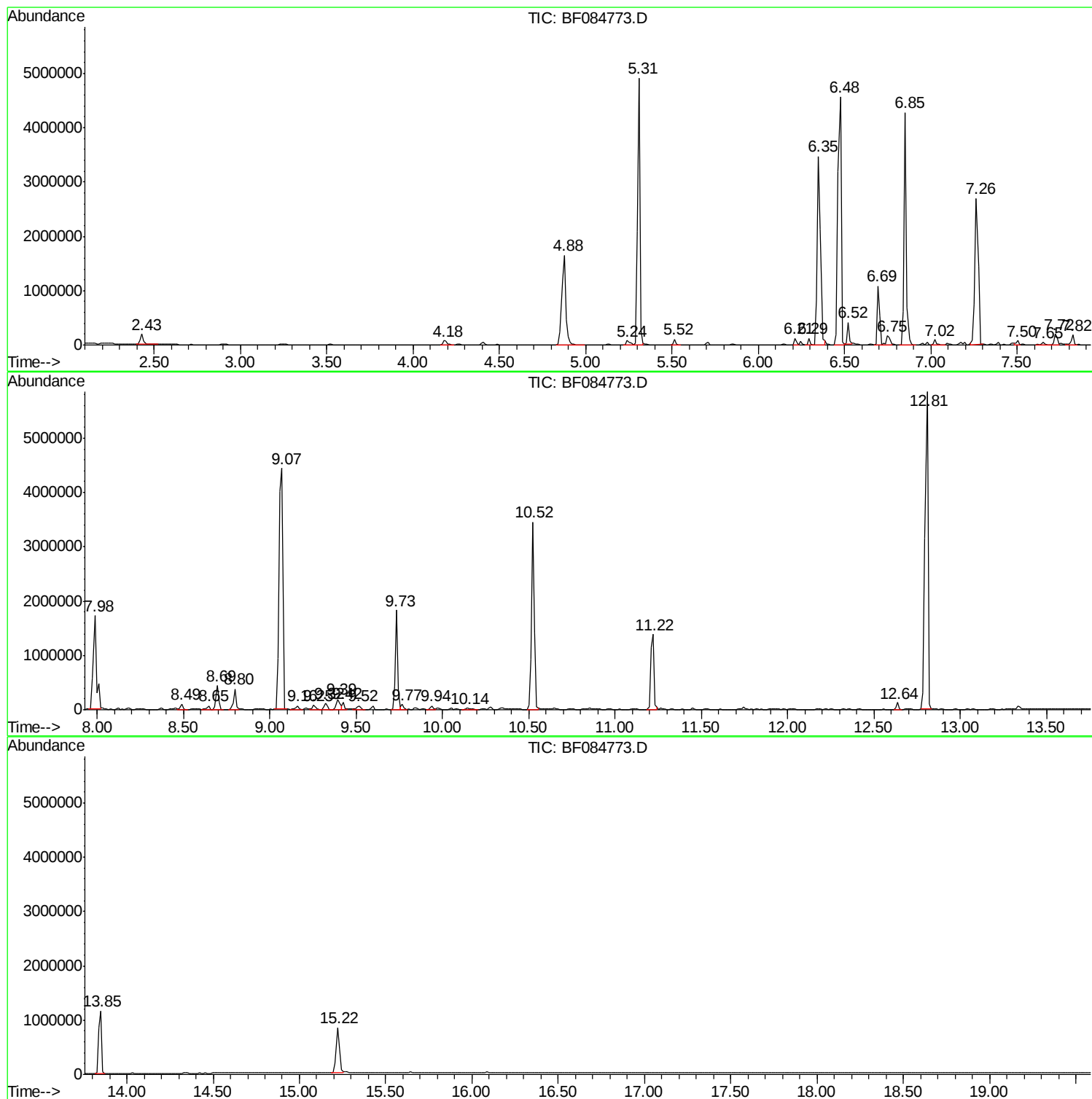
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampled :
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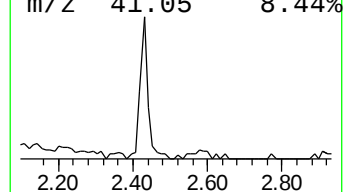
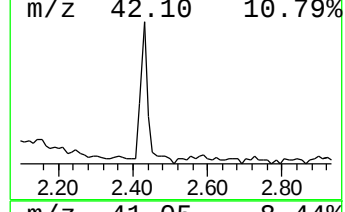
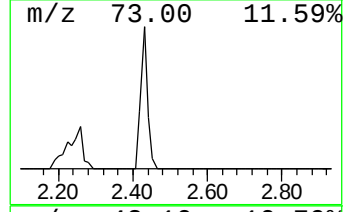
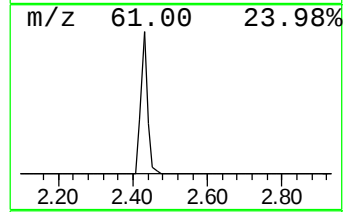
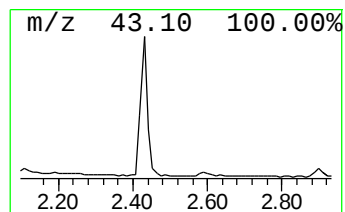
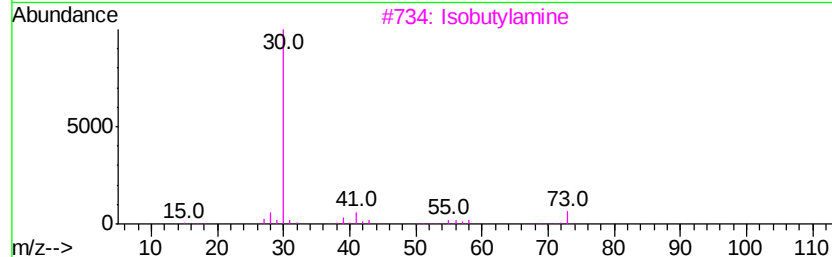
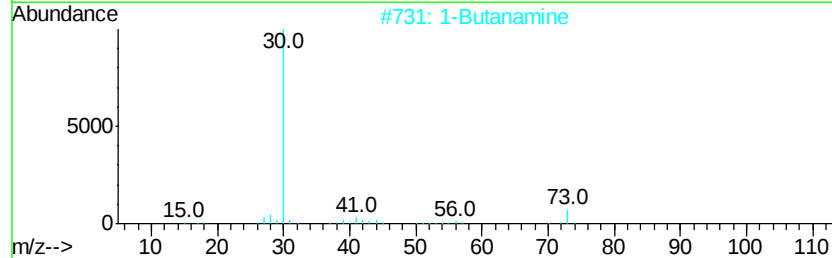
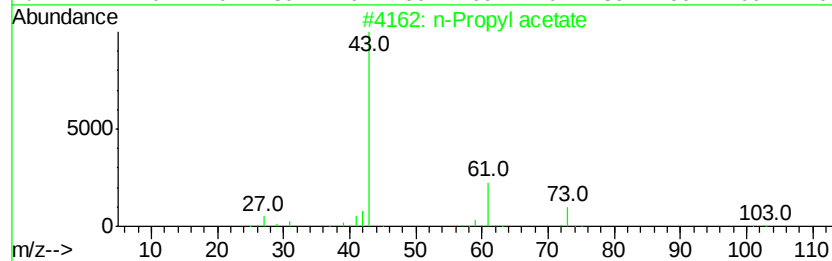
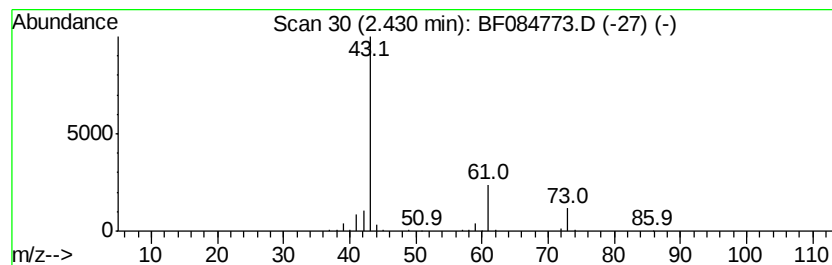
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	4.47 ng	251222	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	64
2		1-Butanamine	73	C4H11N	000109-73-9	9
3		Isobutylamine	73	C4H11N	000078-81-9	5
4		Pentane	72	C5H12	000109-66-0	4
5		Guanidine, methyl-	73	C2H7N3	000471-29-4	4



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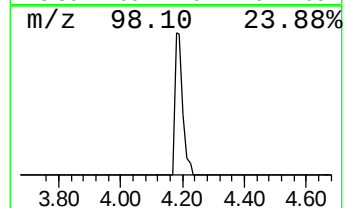
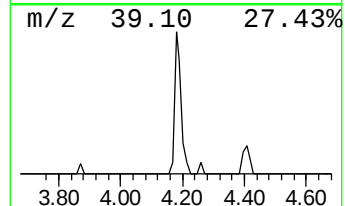
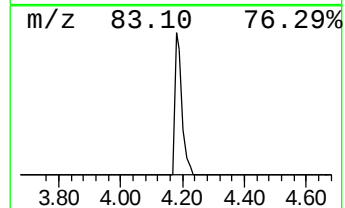
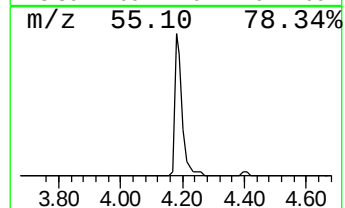
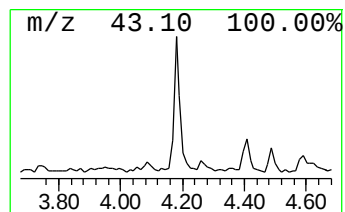
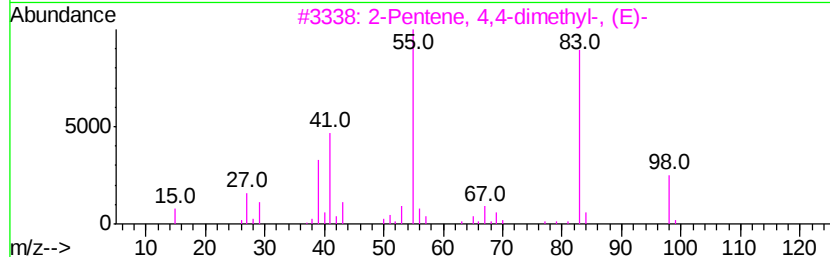
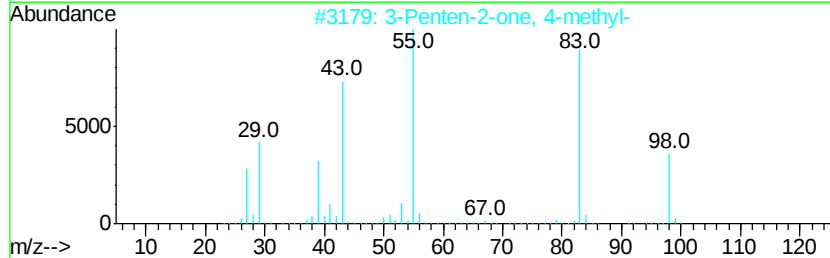
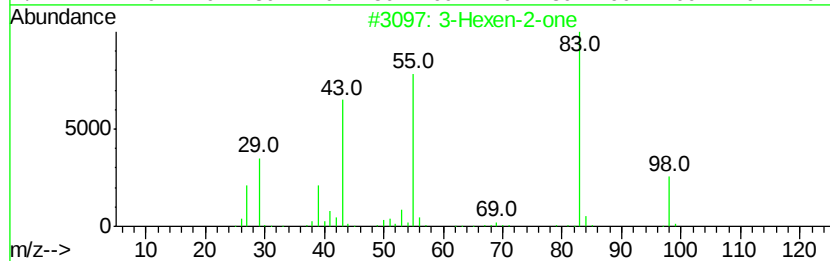
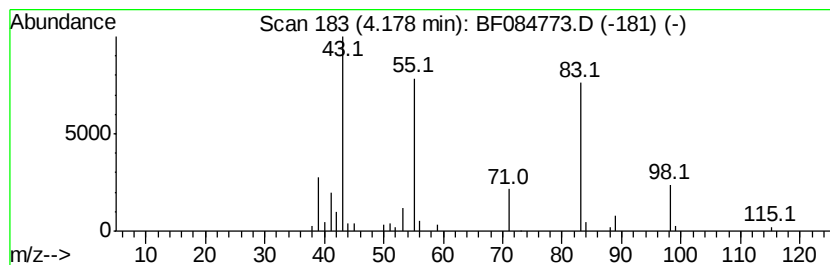
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 3-Hexen-2-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	2.02 ng	113775	1,4-Dichlorobenzene-d4	6.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexen-2-one	98	C6H10O	000763-93-9	64
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	64
3			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	58
4			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	53
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53



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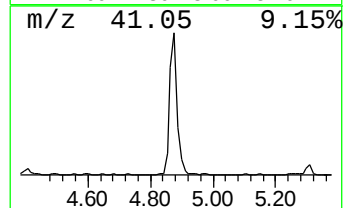
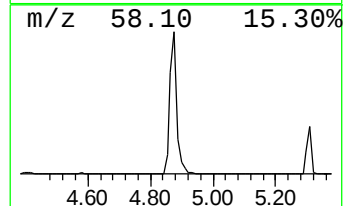
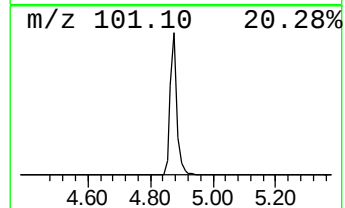
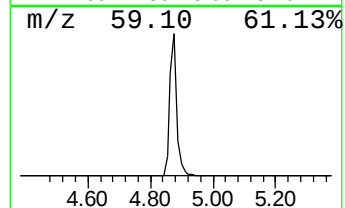
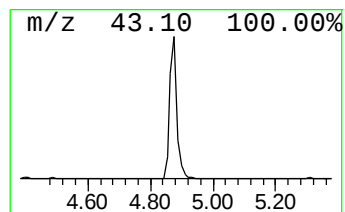
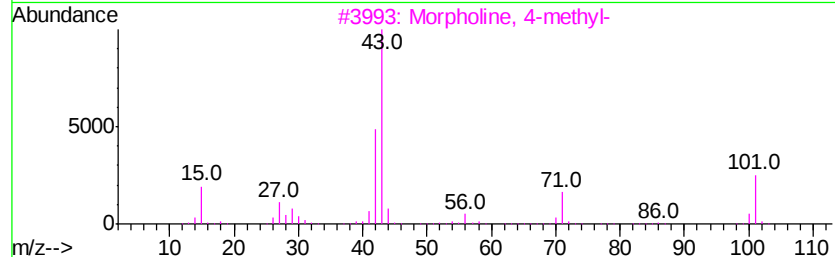
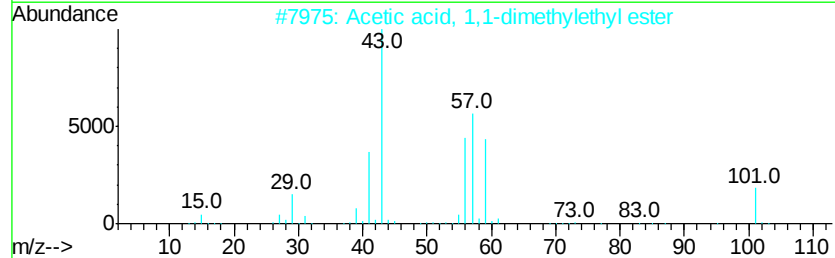
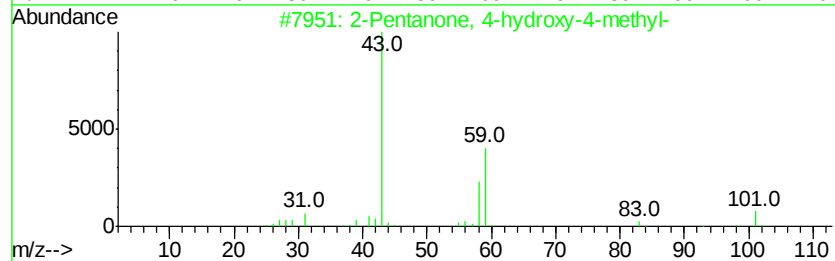
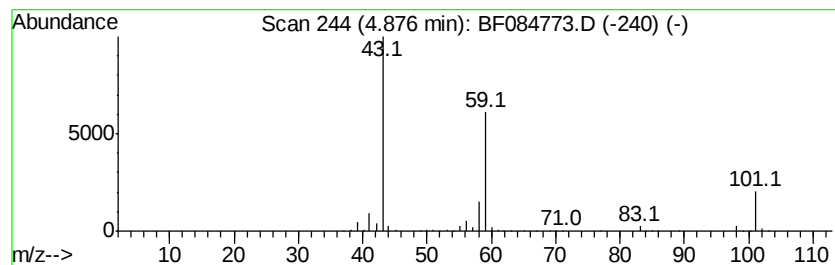
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	46.00 ng	2587280	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		tert-Butyl carbamate	117	C5H11NO2	004248-19-5	9



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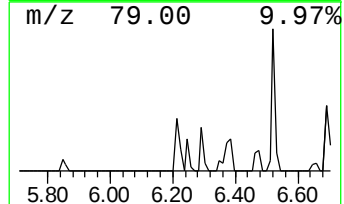
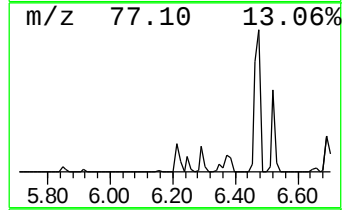
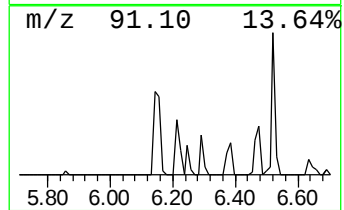
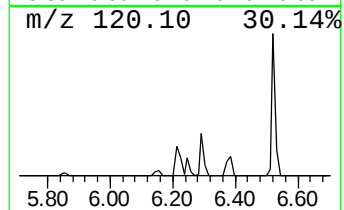
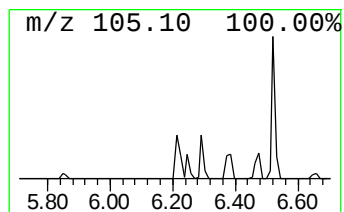
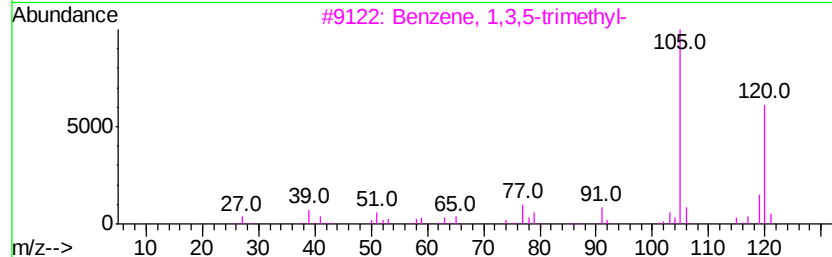
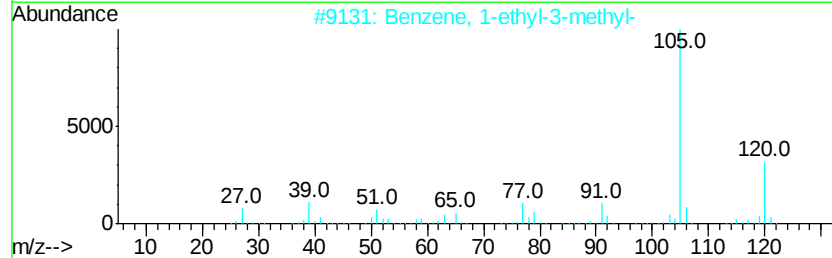
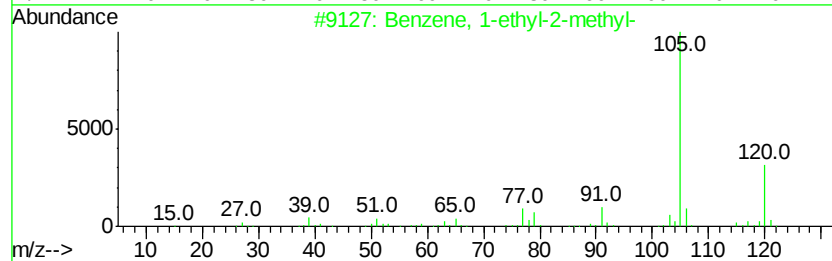
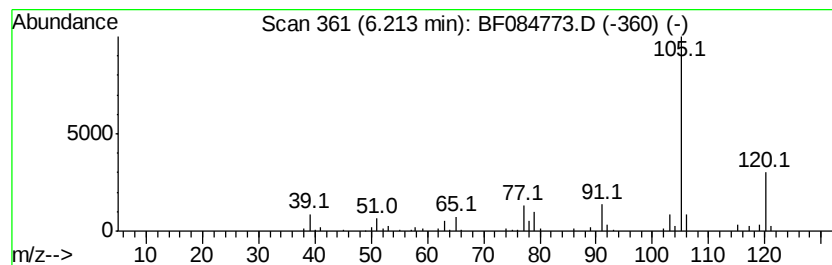
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	2.15 ng	120868	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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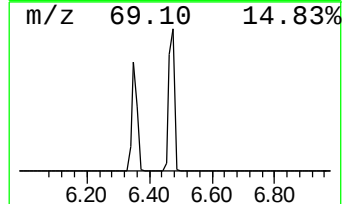
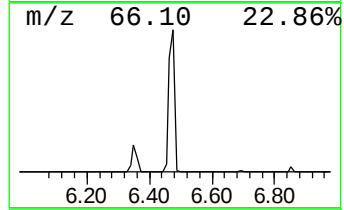
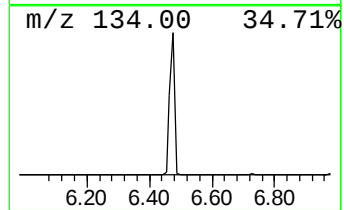
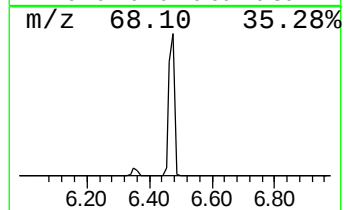
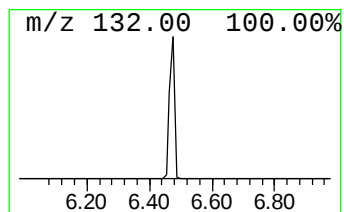
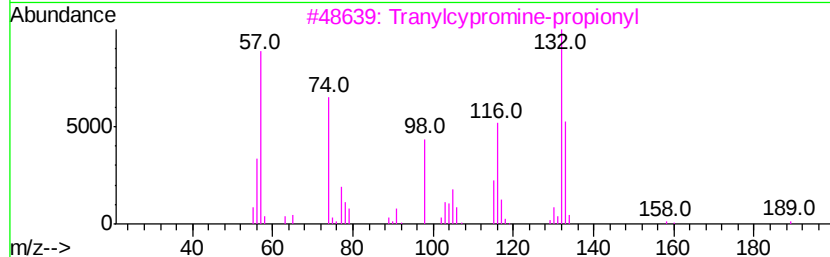
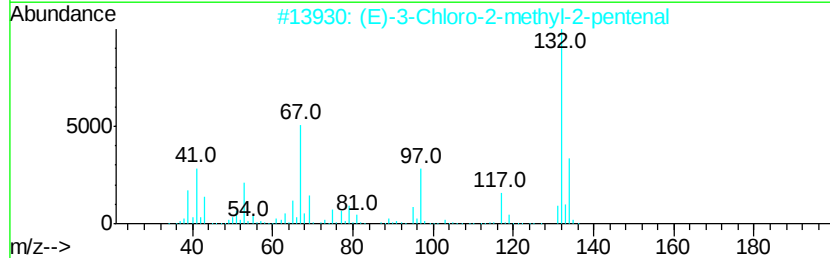
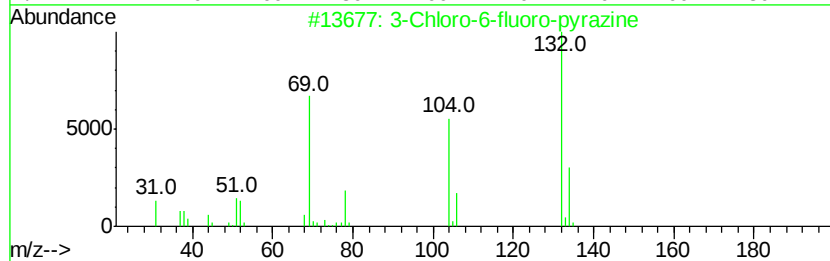
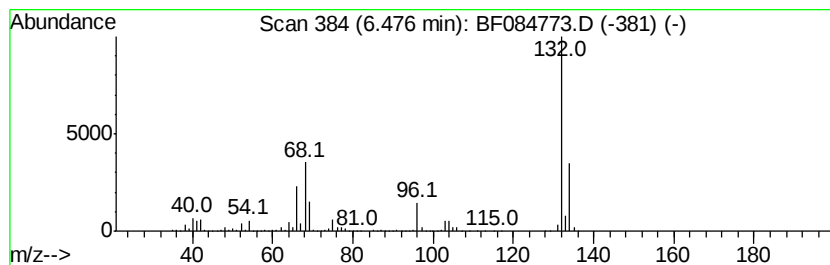
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	97.31 ng	5473370	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	16
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
Data File : BF084773.D
Acq On : 3 Feb 2016 5:17
Operator : SJ/IZ
Sample : H1306-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL02

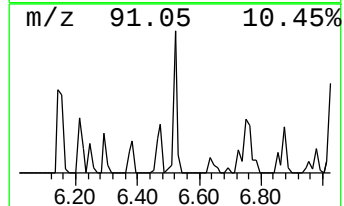
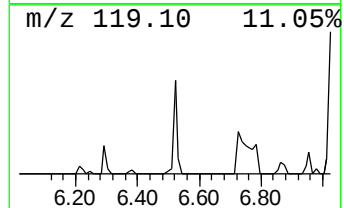
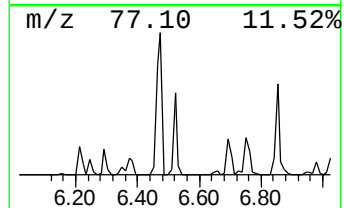
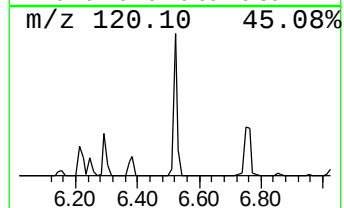
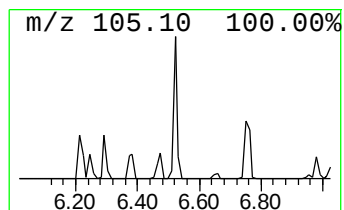
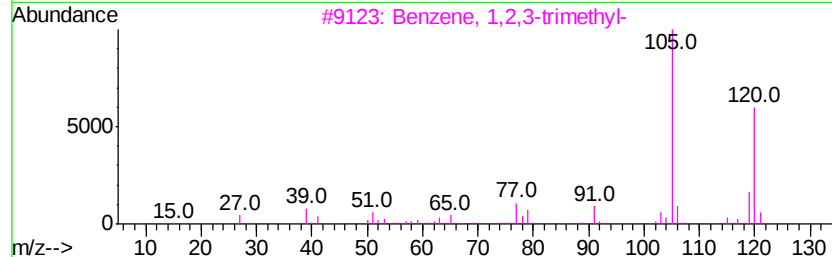
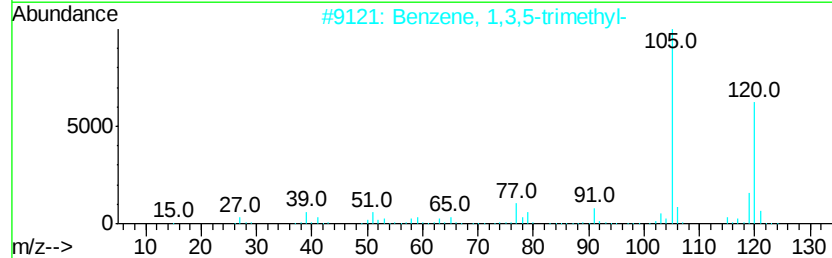
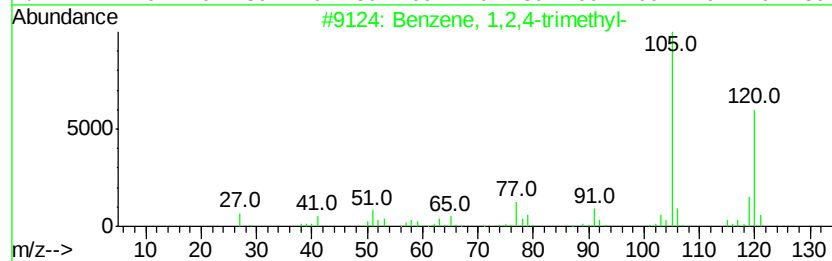
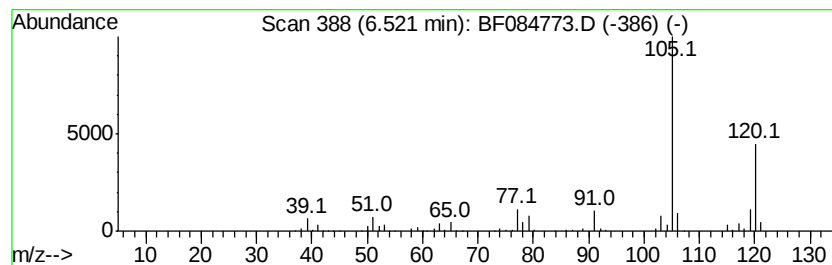
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	6.22 ng	349832	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084773.D
Acq On : 3 Feb 2016 5:17
Operator : SJ/IZ
Sample : H1306-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLFS-SOIL02

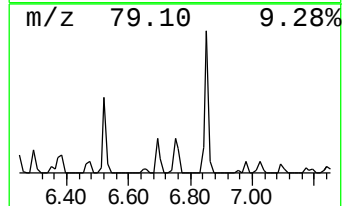
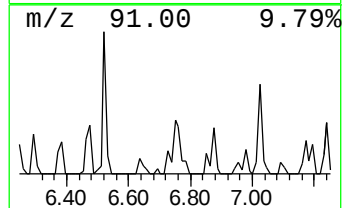
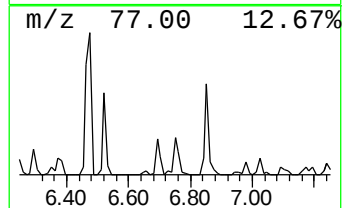
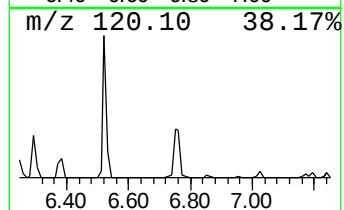
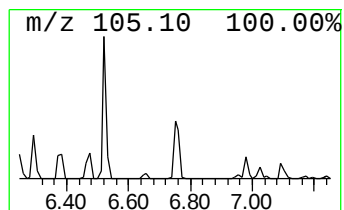
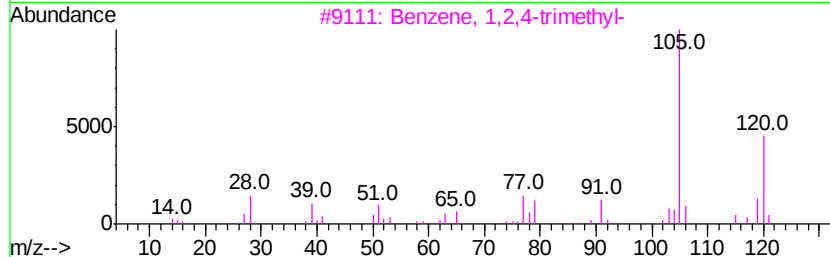
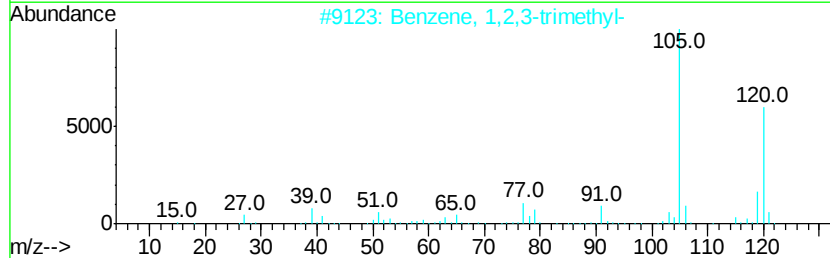
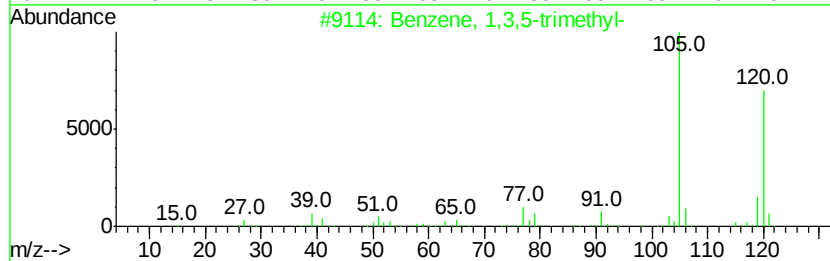
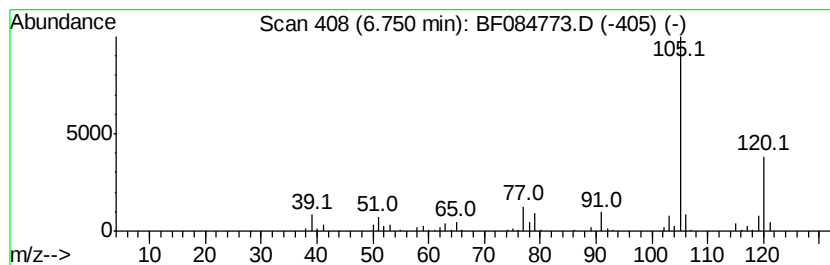
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	4.25 ng	239122	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084773.D
Acq On : 3 Feb 2016 5:17
Operator : SJ/IZ
Sample : H1306-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL02

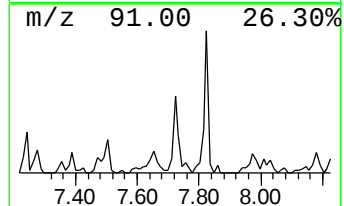
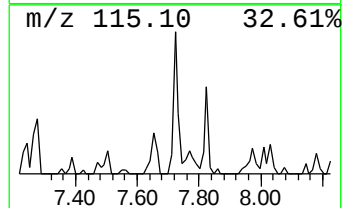
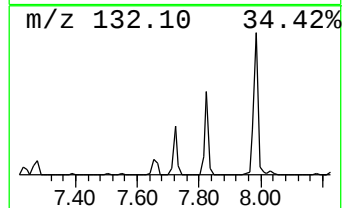
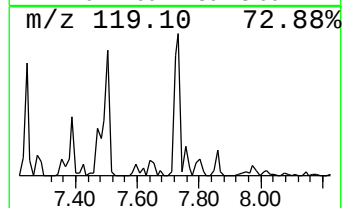
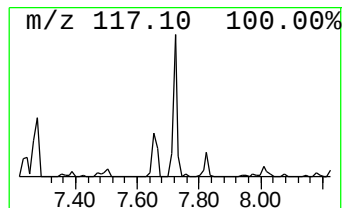
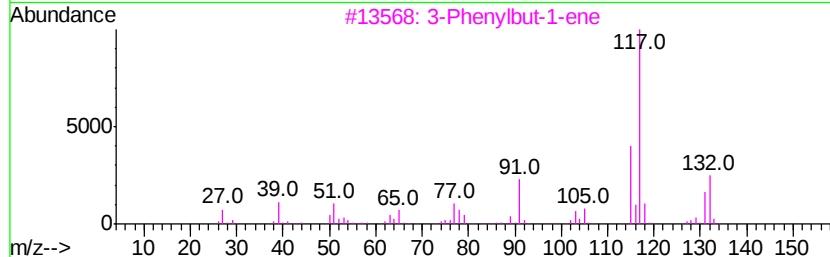
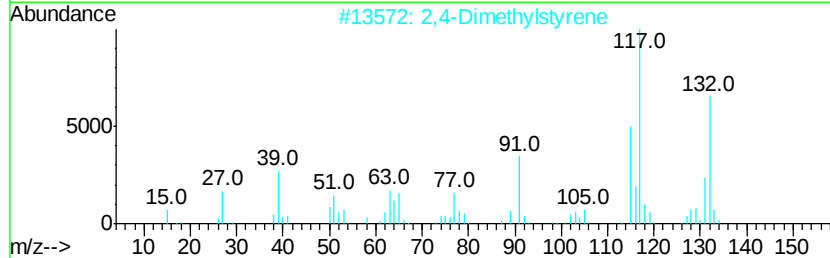
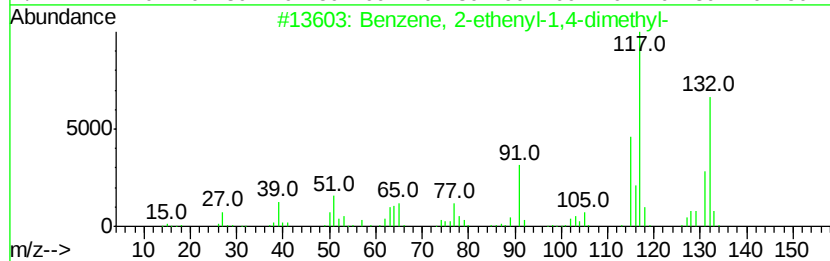
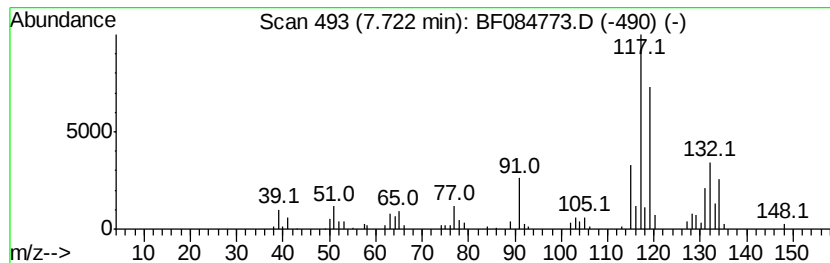
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.57 ng	269949	Naphthalene-d8	7.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
Data File : BF084773.D
Acq On : 3 Feb 2016 5:17
Operator : SJ/IZ
Sample : H1306-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL02

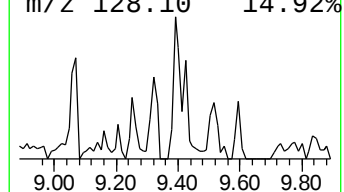
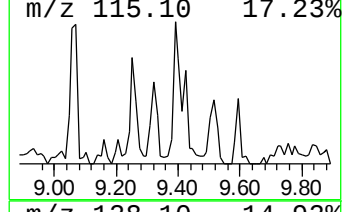
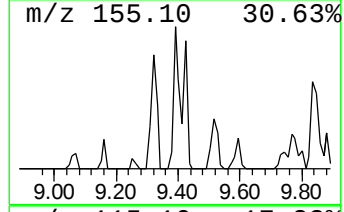
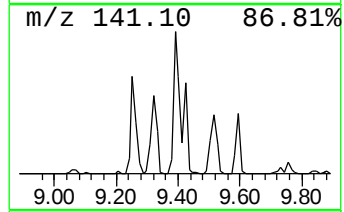
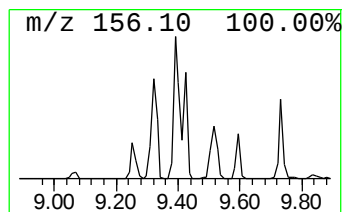
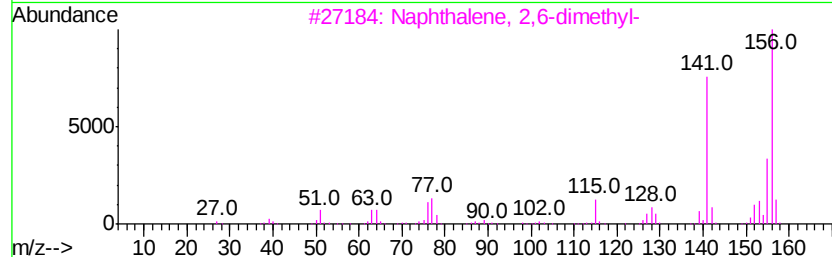
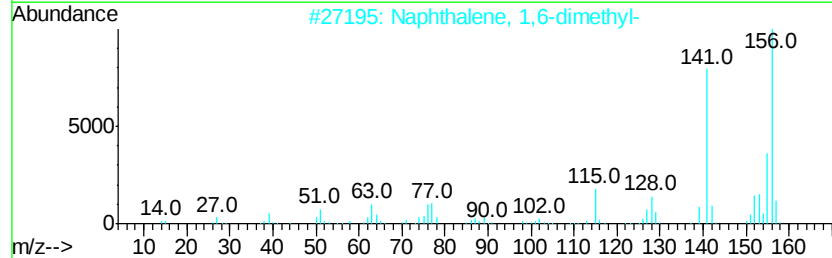
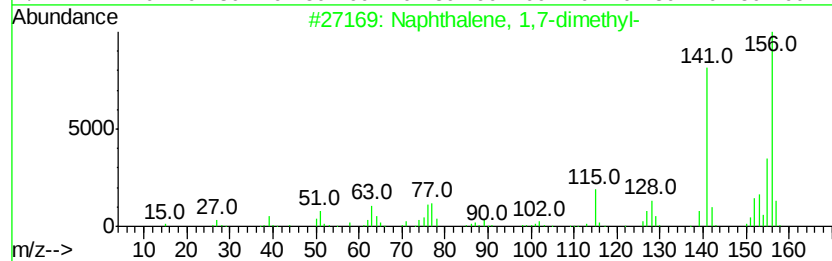
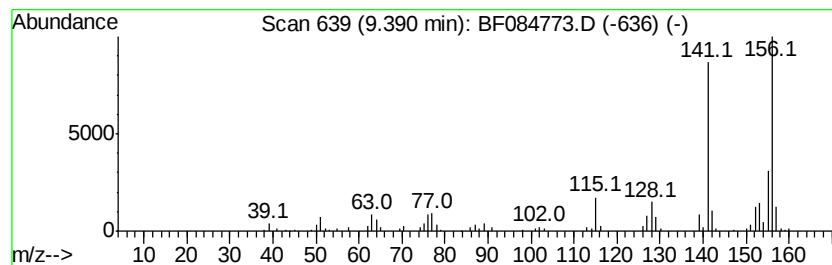
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.98 ng	269875	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
Data File : BF084773.D
Acq On : 3 Feb 2016 5:17
Operator : SJ/IZ
Sample : H1306-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
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3-Hexen-2-one	4.18	2.0	ng	113775	1	6.69	1124980	20.0
2-Pentanone, 4-hy...	4.88	46.0	ng	2587280	1	6.69	1124980	20.0
Benzene, 1-ethyl-...	6.21	2.1	ng	120868	1	6.69	1124980	20.0
unknown6.48	6.48	97.3	ng	5473370	1	6.69	1124980	20.0
Benzene, 1,2,4-tr...	6.52	6.2	ng	349832	1	6.69	1124980	20.0
Benzene, 1,3,5-tr...	6.75	4.3	ng	239122	1	6.69	1124980	20.0
Benzene, 2-etheny...	7.72	2.6	ng	269949	2	7.98	2100150	20.0
Naphthalene, 1,7-...	9.39	3.0	ng	269875	3	9.73	1809610	20.0