

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082877.D
 Acq On : 10 Nov 2015 18:49
 Operator : UM/IZ
 Sample : G4326-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151106MGP221BRV95.5

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-BF110715.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	3.733	140	144	147	rVB	369038	556796	4.15%	0.723%
2	4.030	162	170	173	rBV	3161849	13432455	100.00%	17.448%
3	4.978	249	253	256	rBV	1078600	1282427	9.55%	1.666%
4	5.424	289	292	294	rVB	3945829	3865492	28.78%	5.021%
5	6.453	380	382	384	rVB	3322745	2928925	21.80%	3.805%
6	6.590	391	394	396	rBV	5675761	6303697	46.93%	8.188%
7	6.819	411	414	416	rBV	1482451	1567371	11.67%	2.036%
8	6.979	425	428	430	rVB	4477254	5421529	40.36%	7.042%
9	7.379	460	463	466	rBV	3818316	4245297	31.60%	5.515%
10	7.516	469	475	477	rBV	392456	771818	5.75%	1.003%
11	8.007	516	518	521	rBV	130979	151115	1.12%	0.196%
12	8.099	524	526	529	rBV	1963314	2014319	15.00%	2.617%
13	9.185	618	621	623	rBV	7921961	7807138	58.12%	10.141%
14	9.310	628	632	634	rBV	226373	261562	1.95%	0.340%
15	9.573	653	655	657	rBV	193013	152076	1.13%	0.198%
16	9.859	677	680	682	rBV	2879752	2761668	20.56%	3.587%
17	10.282	713	717	718	rBV	220505	244431	1.82%	0.318%
18	10.648	746	749	751	rBV	5305761	5393243	40.15%	7.006%
19	10.865	766	768	770	rBV	187601	156414	1.16%	0.203%
20	11.345	807	810	812	rBV	1897029	2584342	19.24%	3.357%
21	11.882	855	857	858	rBV	690768	610180	4.54%	0.793%
22	11.905	858	859	862	rVB	114495	158251	1.18%	0.206%
23	12.442	904	906	908	rBV	306893	259510	1.93%	0.337%
24	12.671	923	926	928	rBV	627416	640962	4.77%	0.833%
25	12.933	946	949	952	rVB	7361928	7771428	57.86%	10.095%
26	13.836	1025	1028	1038	rBV	349667	453869	3.38%	0.590%
27	13.974	1038	1040	1043	rBV	2496449	2414670	17.98%	3.137%
28	14.076	1047	1049	1052	rBV	494654	509067	3.79%	0.661%
29	15.414	1163	1166	1168	rBV	1416341	1868089	13.91%	2.427%
30	15.631	1182	1185	1188	rVB	283462	395868	2.95%	0.514%

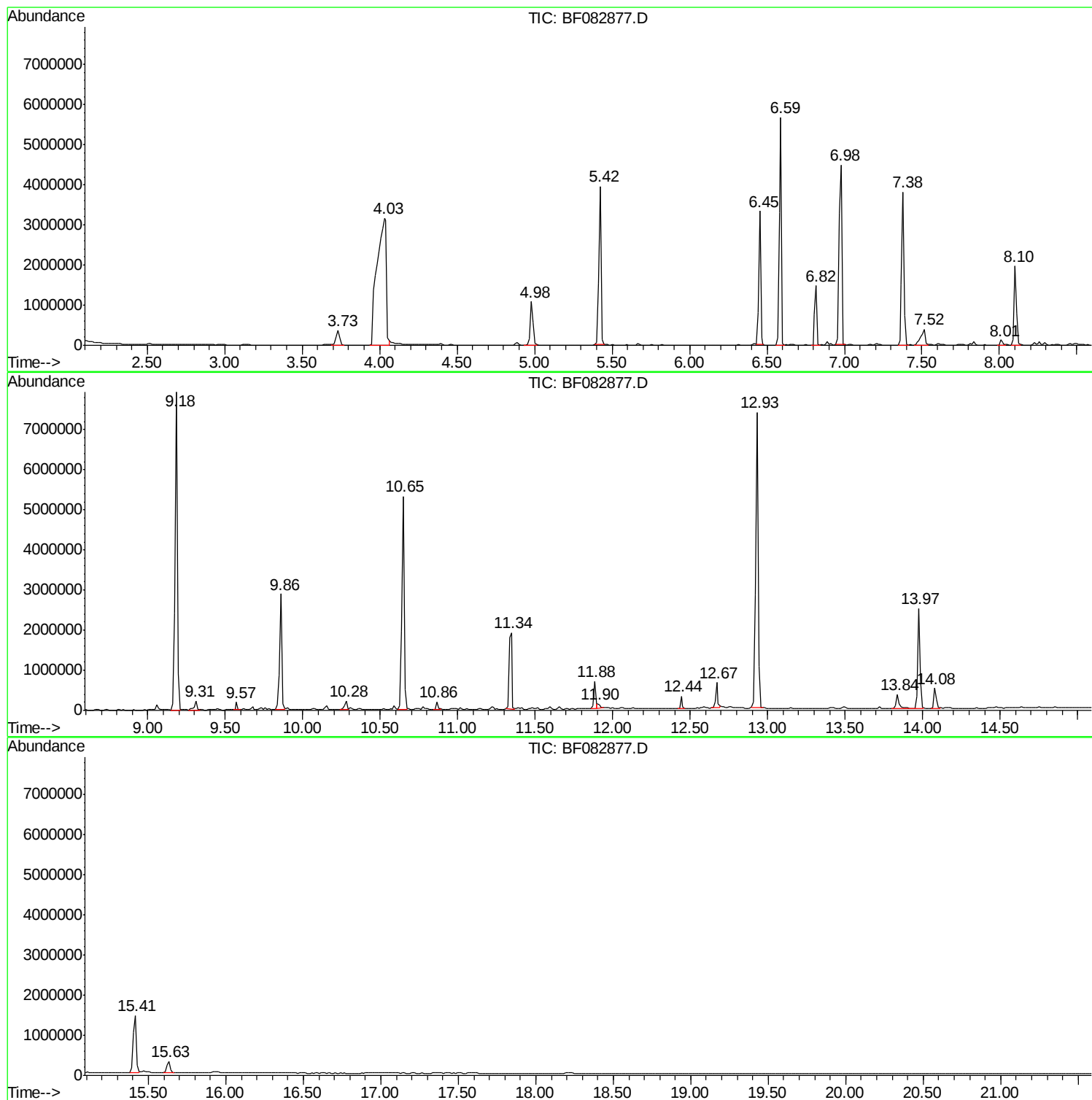
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151106MGP221BRV95.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.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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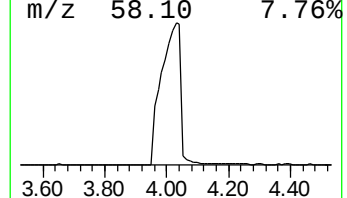
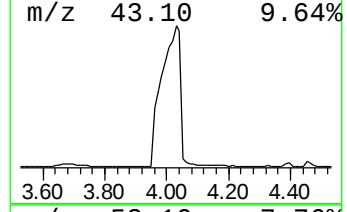
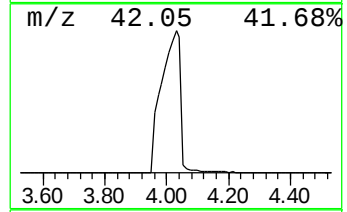
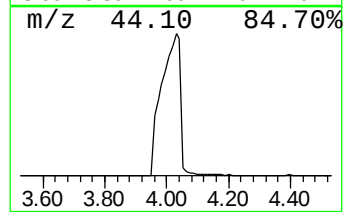
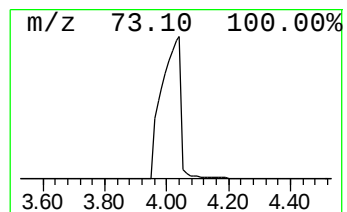
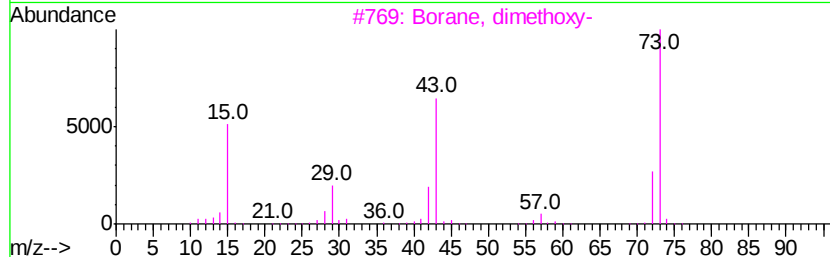
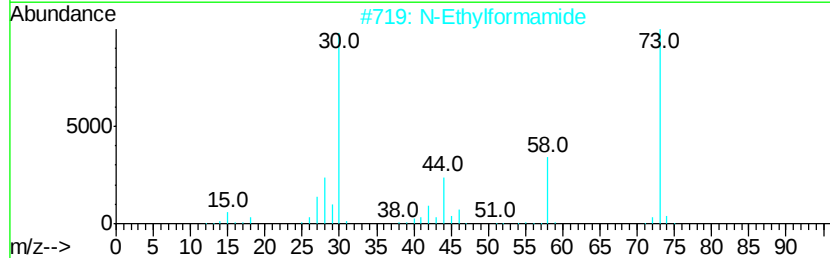
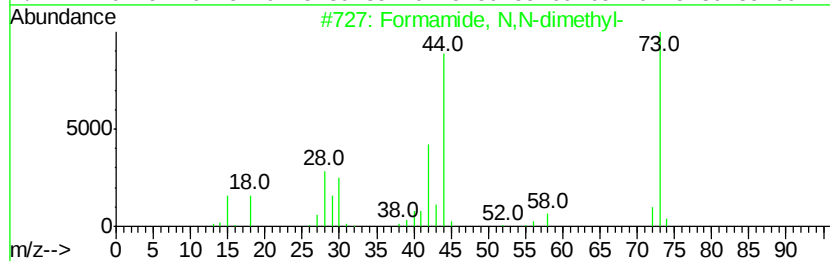
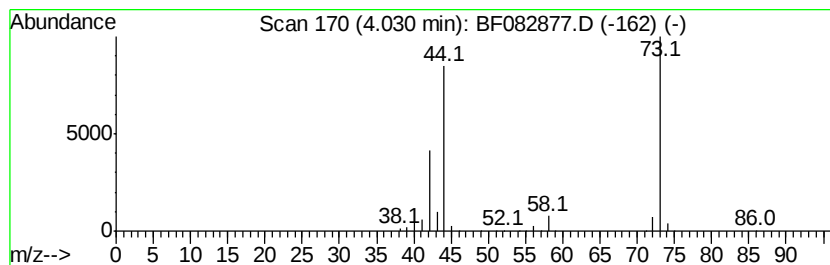
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Formamide, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	171.40 ng	13432500	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	91
2			N-Ethylformamide	73	C3H7NO	000627-45-2	7
3			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5
4			Methane, isothiocyanato-	73	C2H3NS	000556-61-6	4
5			Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	4



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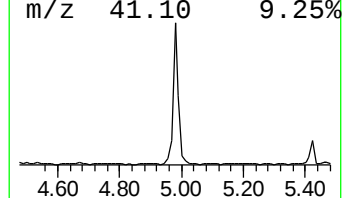
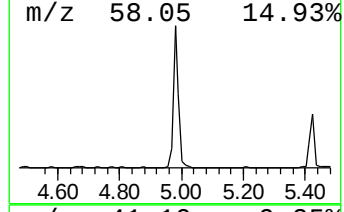
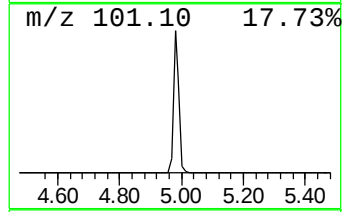
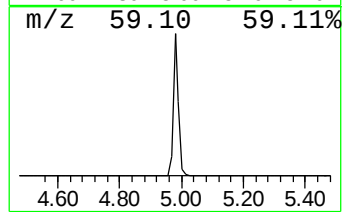
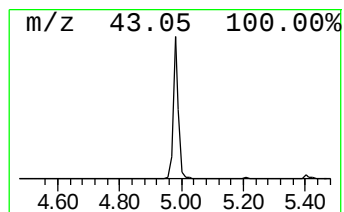
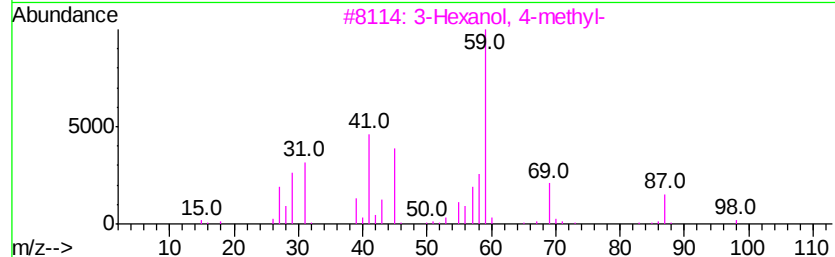
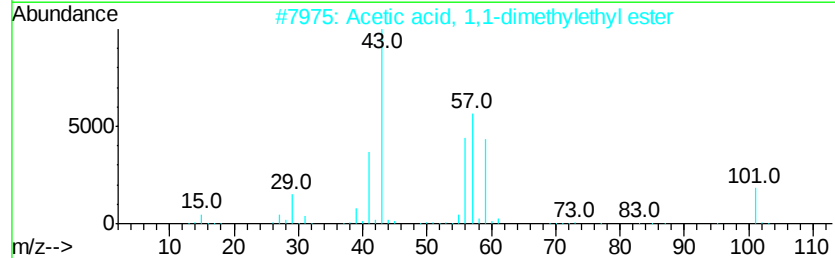
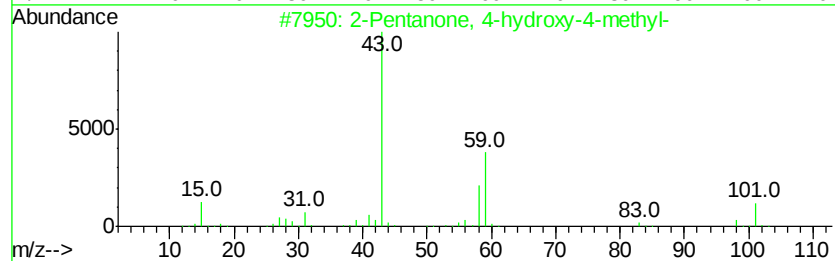
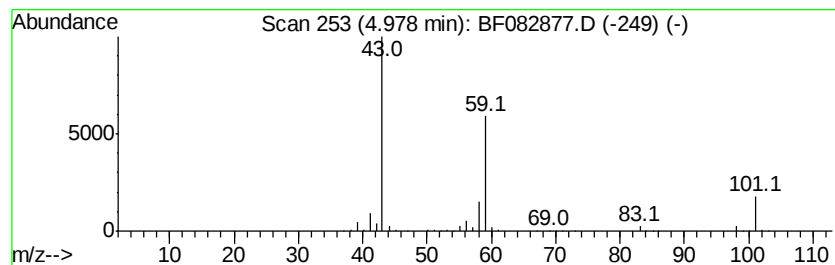
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	16.36 ng	1282430	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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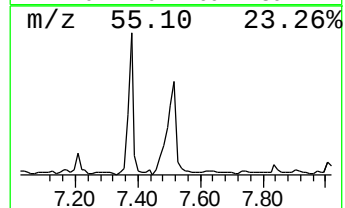
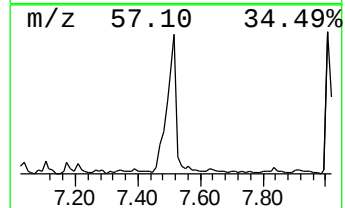
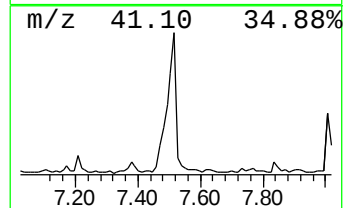
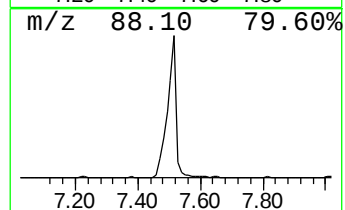
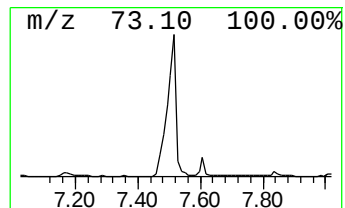
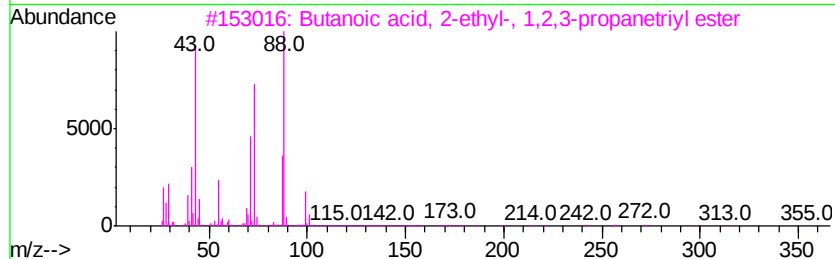
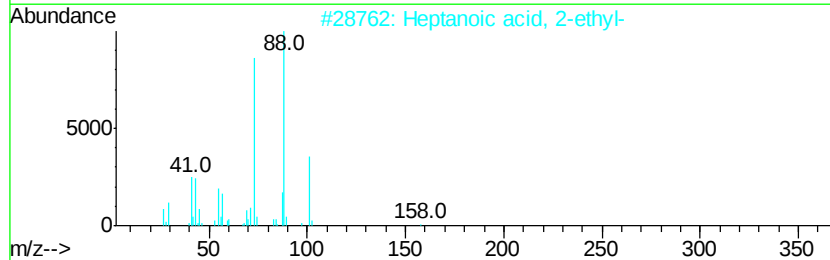
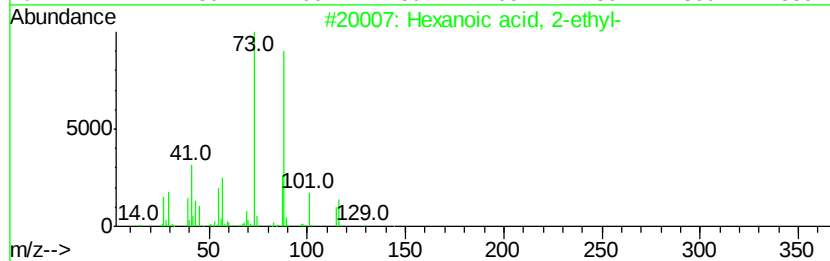
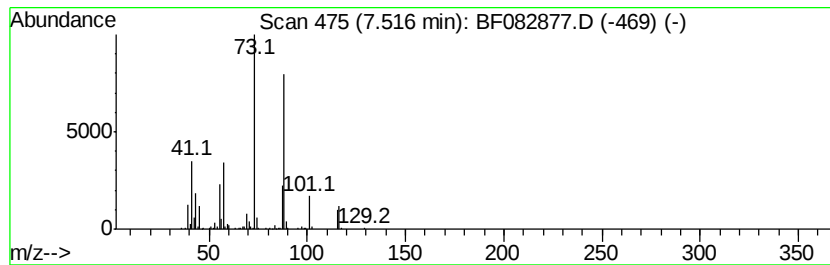
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	7.66 ng	771818	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
5		1,4-Dioxane	88	C4H8O2	000123-91-1	37



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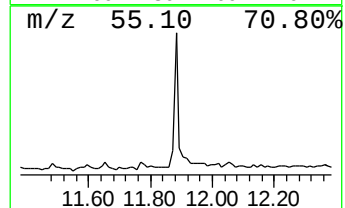
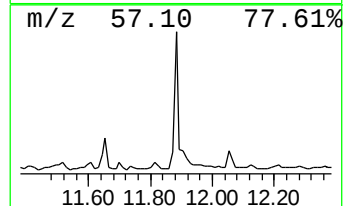
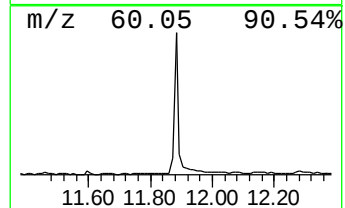
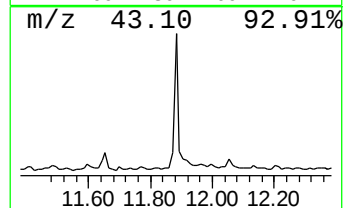
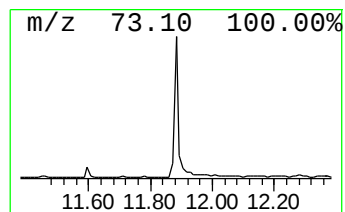
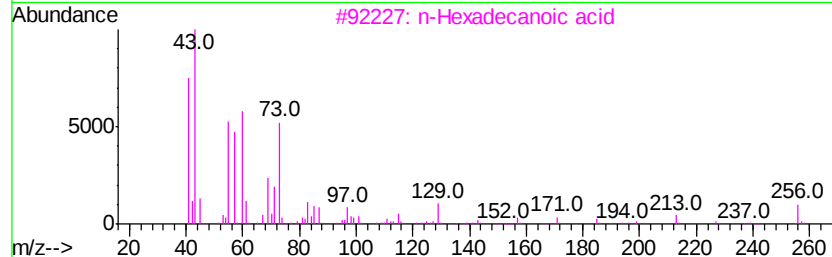
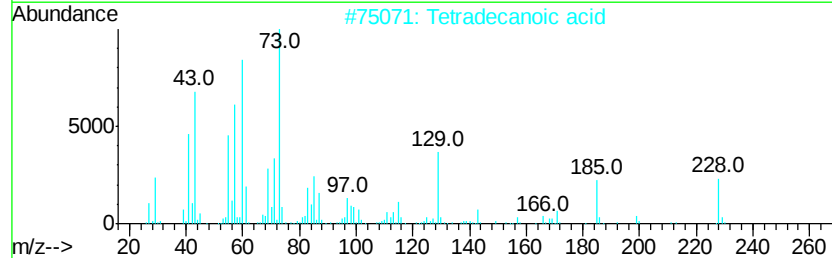
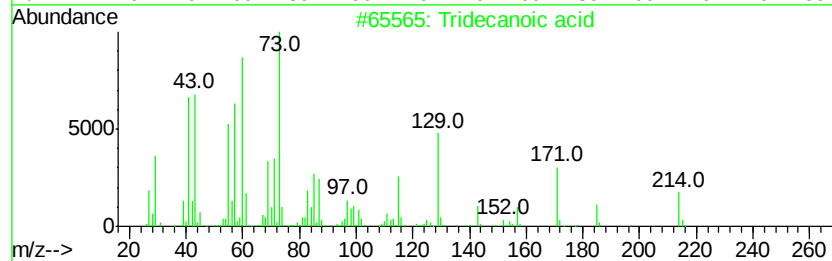
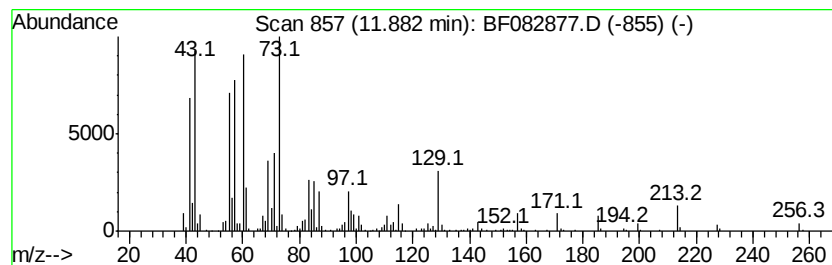
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.72 ng	610180	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5		Dodecane	170	C12H26	000112-40-3	11



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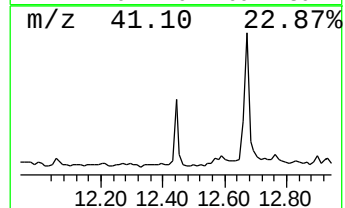
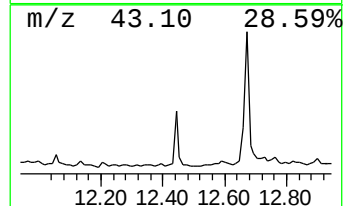
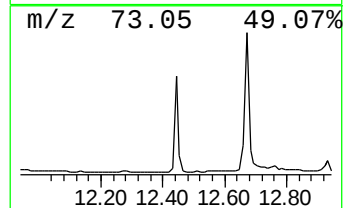
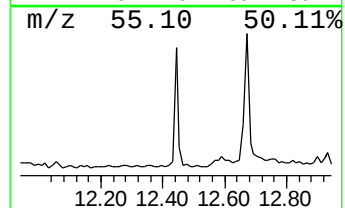
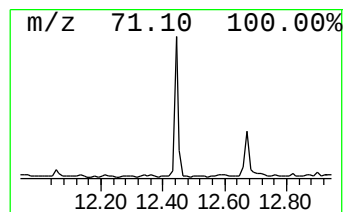
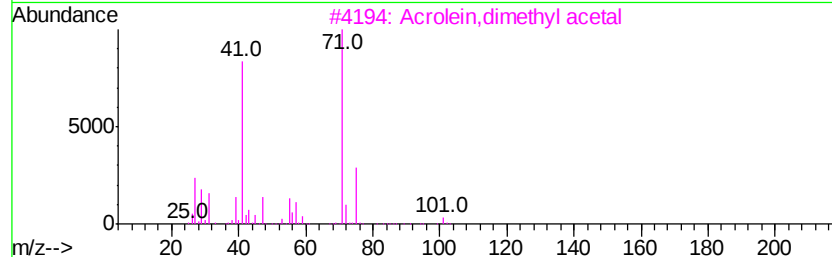
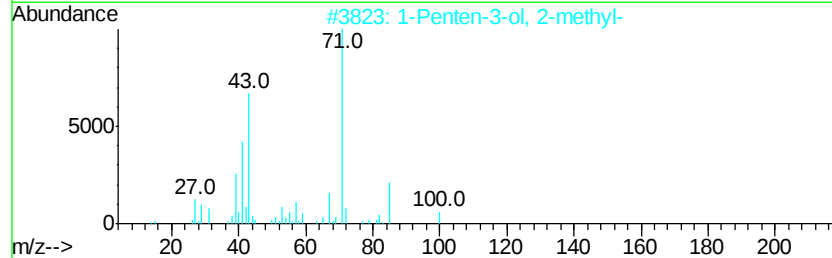
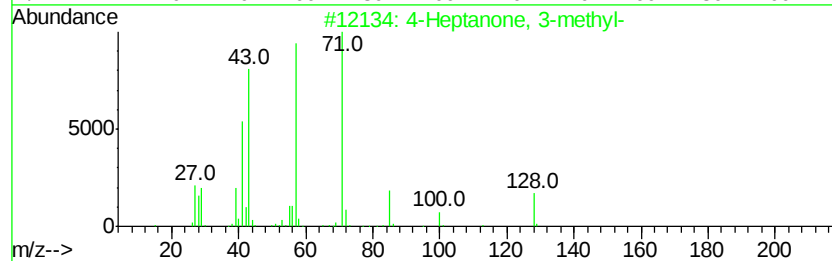
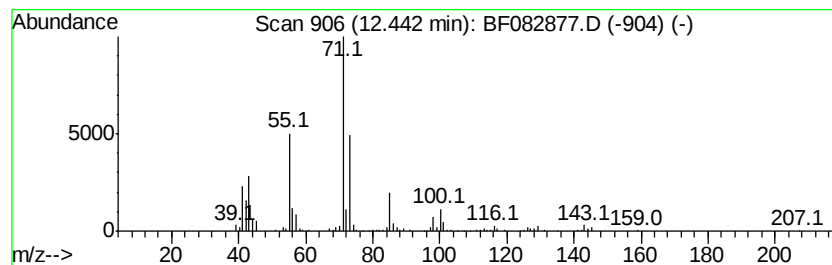
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Peak Number 8 4-Heptanone, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.44	2.01 ng	259510	Phenanthrene-d10	11.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64
2		1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
3		Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	47
4		Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	43
5		Oxirane, 2,2'-[1,4-butanediylbis...	202	C10H18O4	002425-79-8	38



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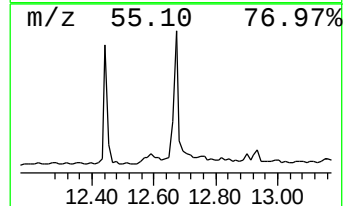
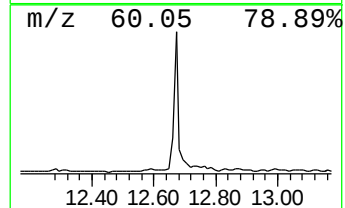
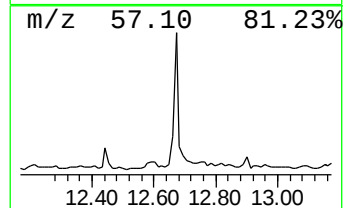
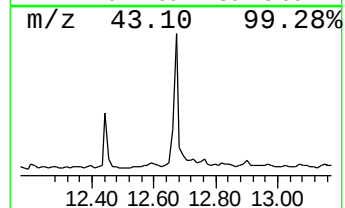
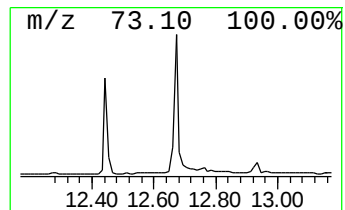
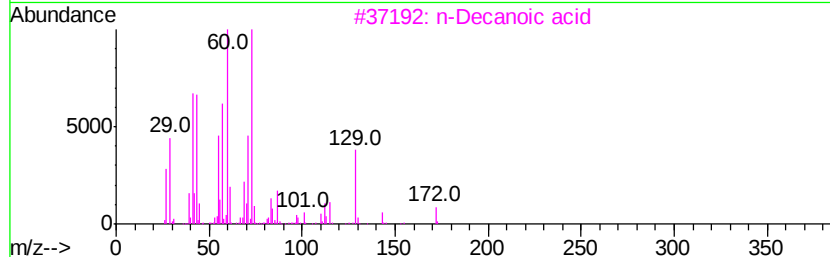
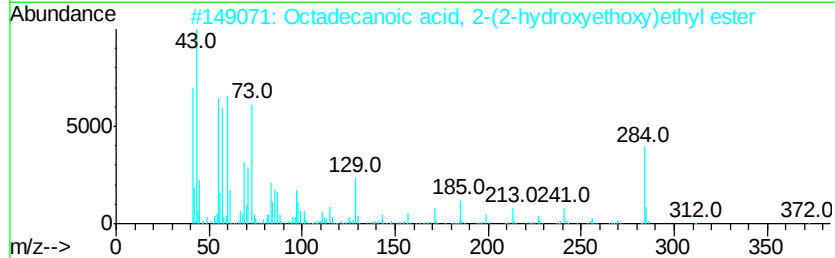
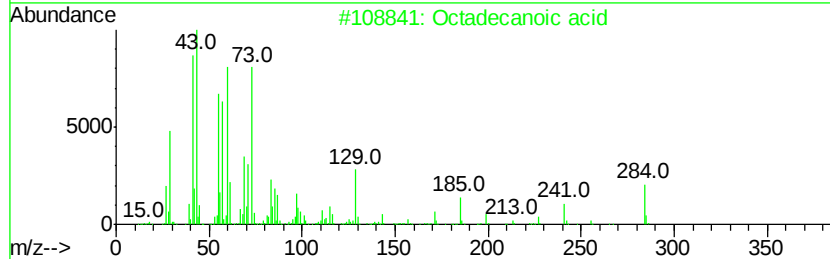
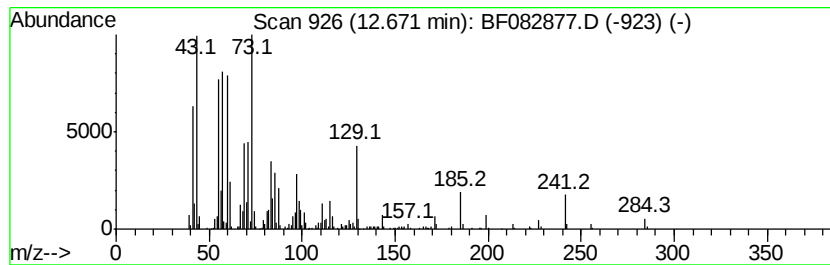
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.31 ng	640962	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
3		n-Decanoic acid	172	C10H20O2	000334-48-5	68
4		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
Data File : BF082877.D
Acq On : 10 Nov 2015 18:49
Operator : UM/IZ
Sample : G4326-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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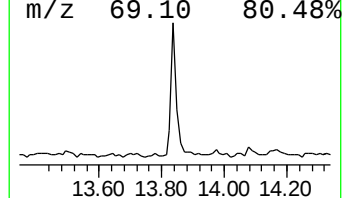
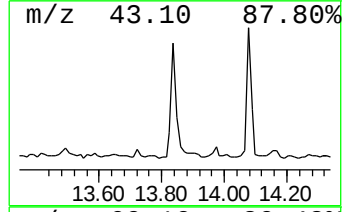
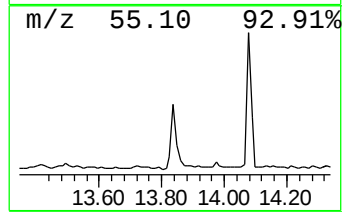
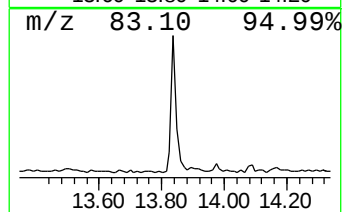
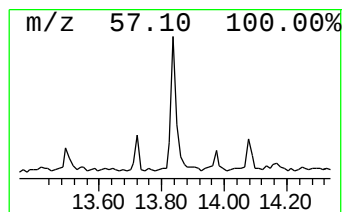
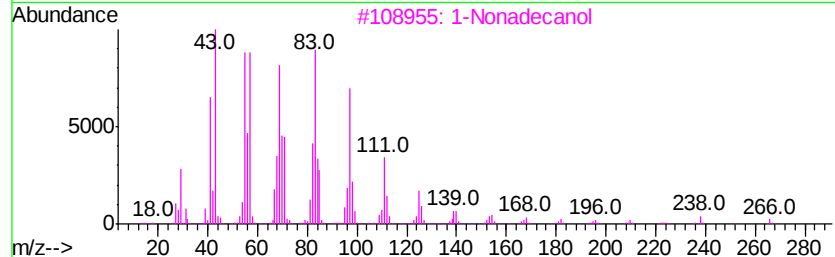
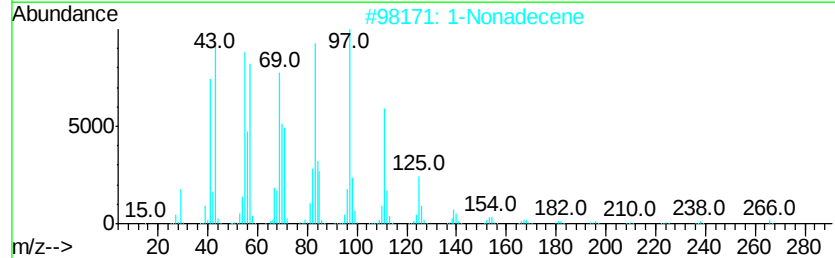
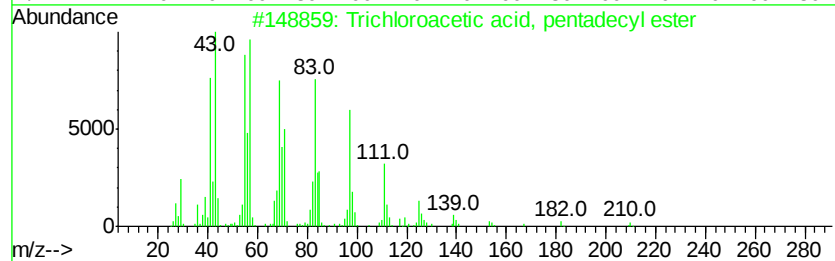
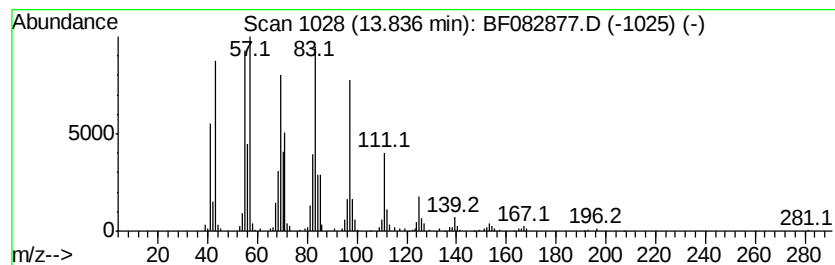
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Trichloroacetic acid, penta... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.76 ng	453869	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			1-Nonadecanol	284	C19H40O	001454-84-8	90
4			1-Octadecanol	270	C18H38O	000112-92-5	90
5			1-Heptadecanol	256	C17H36O	001454-85-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
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Sample : G4326-04
Misc :
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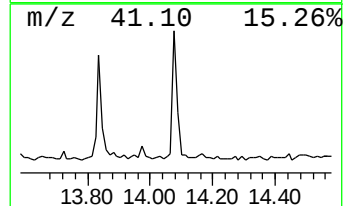
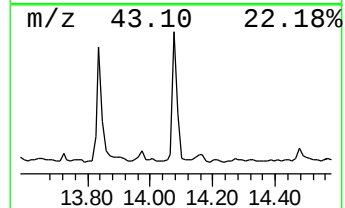
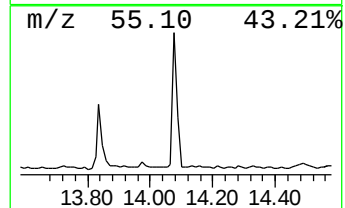
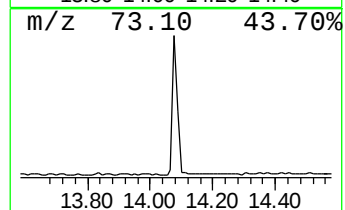
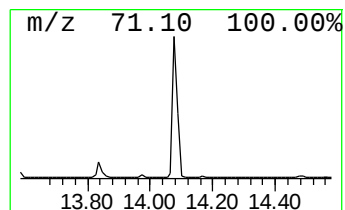
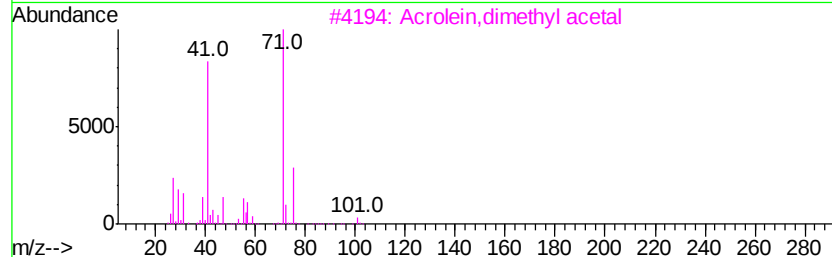
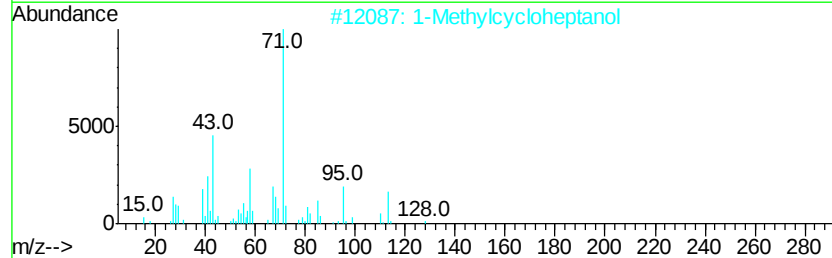
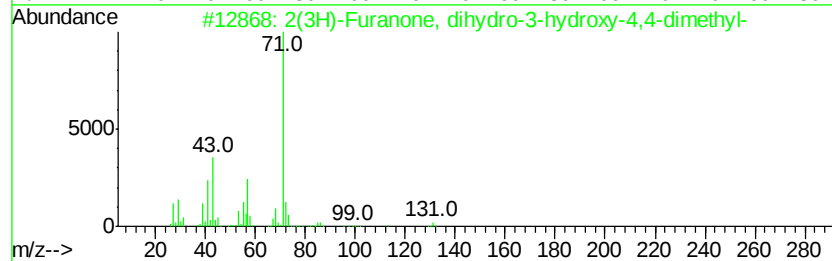
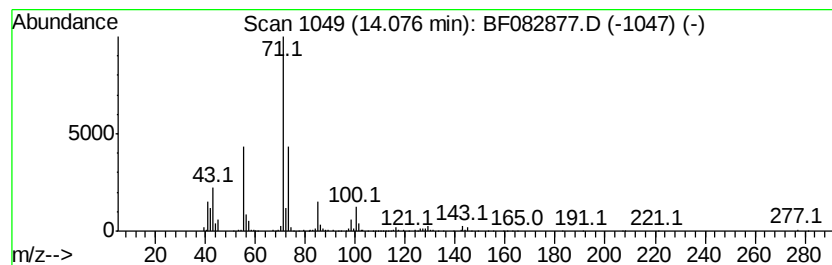
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2(3H)-Furanone, dihydro-3-h... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.08	4.22 ng	509067	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	052126-90-6	50
2	1-Methylcycloheptanol	128	C8H16O	003761-94-2	50
3	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50
4	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	45
5	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082877.D
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Operator : UM/IZ
Sample : G4326-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

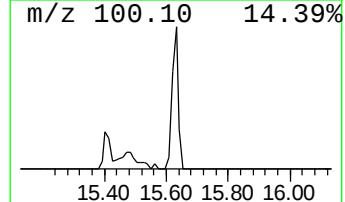
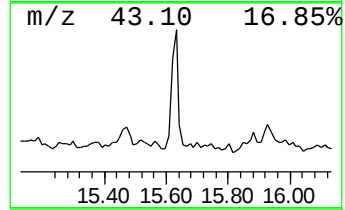
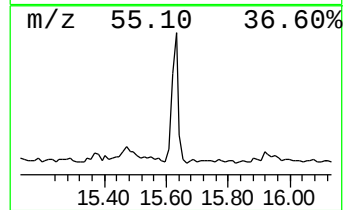
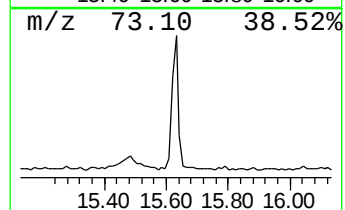
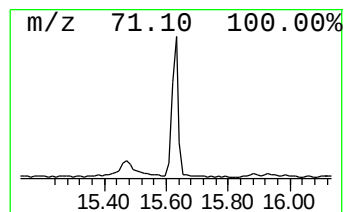
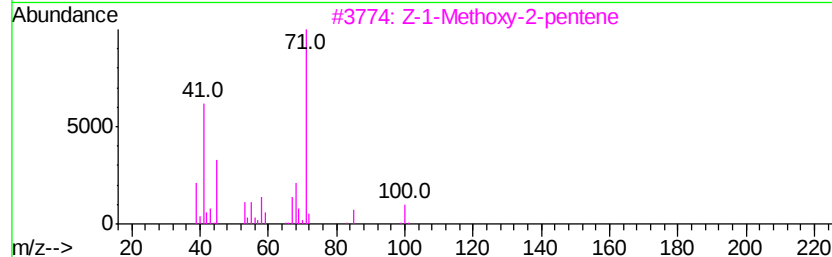
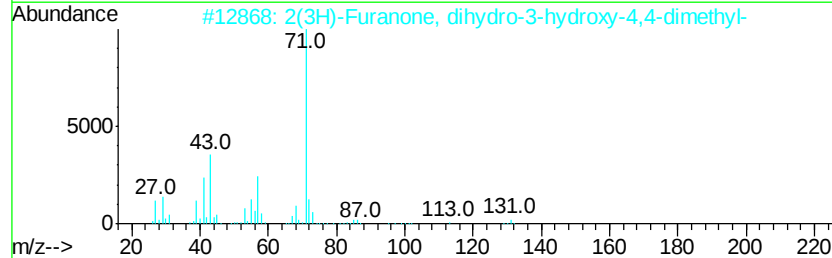
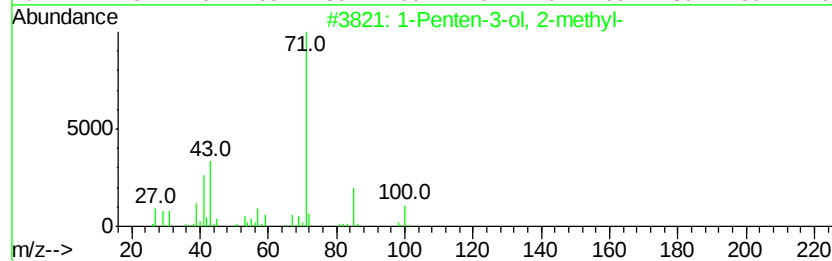
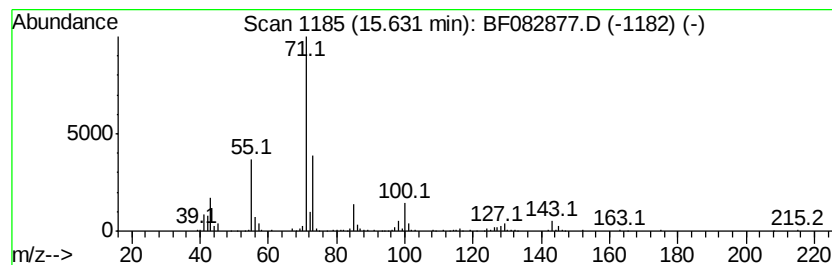
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Penten-3-ol, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	4.24 ng	395868	Perylene-d12	15.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Penten-3-ol, 2-methyl-	100 C6H12O	002088-07-5	53
2	2(3H)-Furanone, dihydro-3-hydrox...	130 C6H10O3	052126-90-6	50
3	Z-1-Methoxy-2-pentene	100 C6H12O	1000279-59-4	45
4	Acrolein,dimethyl acetal	102 C5H10O2	006044-68-4	40
5	2,6-Octadiene-4,5-diol	142 C8H14O2	004486-59-3	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
Data File : BF082877.D
Acq On : 10 Nov 2015 18:49
Operator : UM/IZ
Sample : G4326-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
Formamide, N,N-di...	4.03	171.4	ng	13432500	1	6.82	1567370	20.0
2-Pentanone, 4-hy...	4.98	16.4	ng	1282430	1	6.82	1567370	20.0
Hexanoic acid, 2-...	7.52	7.7	ng	771818	2	8.10	2014320	20.0
Tridecanoic acid	11.88	4.7	ng	610180	4	11.34	2584340	20.0
4-Heptanone, 3-me...	12.44	2.0	ng	259510	4	11.34	2584340	20.0
Octadecanoic acid	12.67	5.3	ng	640962	5	13.97	2414670	20.0
Trichloroacetic a...	13.84	3.8	ng	453869	5	13.97	2414670	20.0
2(3H)-Furanone, d...	14.08	4.2	ng	509067	5	13.97	2414670	20.0
1-Penten-3-ol, 2-...	15.63	4.2	ng	395868	6	15.41	1868090	20.0