

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078836.D
 Acq On : 30 Apr 2015 4:13
 Operator : TP/IZ
 Sample : G2022-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

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-BF042815.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	1.438	20	22	28	rVB	138639	253816	2.99%	0.619%
2	1.541	28	31	34	rVB	7214471	8494011	100.00%	20.715%
3	1.678	40	43	46	rVB	188146	323526	3.81%	0.789%
4	1.781	50	52	57	rBV	480366	689947	8.12%	1.683%
5	1.872	57	60	62	rVV	786543	1141915	13.44%	2.785%
6	1.918	62	64	96	rVB	2535789	4687482	55.19%	11.432%
7	5.153	345	347	349	rBV	87821	103749	1.22%	0.253%
8	5.187	349	350	357	rVB	224126	274307	3.23%	0.669%
9	5.679	390	393	395	rBV	2023879	1954579	23.01%	4.767%
10	6.924	500	502	505	rBV	2098706	1985719	23.38%	4.843%
11	7.096	514	517	519	rBV	1576055	2096060	24.68%	5.112%
12	7.382	540	542	544	rBV	565433	504634	5.94%	1.231%
13	7.564	556	558	561	rVB	1243575	1597994	18.81%	3.897%
14	8.067	600	602	605	rBV	1183839	1183472	13.93%	2.886%
15	8.959	678	680	683	rBV	813495	709069	8.35%	1.729%
16	10.308	795	798	800	rBV	2917209	2571639	30.28%	6.272%
17	11.142	868	871	873	rBV	687506	752028	8.85%	1.834%
18	12.113	954	956	959	rBV	1358872	1491553	17.56%	3.638%
19	12.982	1030	1032	1034	rBV	753384	915104	10.77%	2.232%
20	13.016	1034	1035	1037	rVV	511240	377696	4.45%	0.921%
21	13.074	1037	1040	1043	rVB	58803	94062	1.11%	0.229%
22	13.611	1085	1087	1089	rBV	80793	100094	1.18%	0.244%
23	13.645	1089	1090	1092	rVB	103846	109604	1.29%	0.267%
24	13.748	1097	1099	1101	rBV	121025	135815	1.60%	0.331%
25	14.011	1118	1122	1127	rVB2	51155	107699	1.27%	0.263%
26	14.491	1162	1164	1166	rBV	343961	415368	4.89%	1.013%
27	14.777	1186	1189	1191	rBV	594356	604628	7.12%	1.475%
28	14.845	1191	1195	1201	rVV	417424	505465	5.95%	1.233%
29	14.982	1204	1207	1210	rVB	2757837	2925132	34.44%	7.134%
30	15.188	1221	1225	1228	rVB3	45071	114099	1.34%	0.278%
31	16.148	1307	1309	1316	rBV3	74965	143168	1.69%	0.349%
32	16.274	1316	1320	1322	rBV2	781275	1277629	15.04%	3.116%
33	16.308	1322	1323	1325	rVB	204064	203869	2.40%	0.497%
34	17.554	1429	1432	1438	rBV	192034	455945	5.37%	1.112%

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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-BF042815.M
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35	17.874	1457	1460	1463	rVB	117504	154675	1.82%	0.377%
36	17.931	1463	1465	1468	rVB	137796	171347	2.02%	0.418%
37	18.000	1468	1471	1474	rBV	664809	1050217	12.36%	2.561%
38	19.520	1601	1604	1609	rVB2	68232	168712	1.99%	0.411%
39	19.966	1640	1643	1650	rVB	66295	158330	1.86%	0.386%

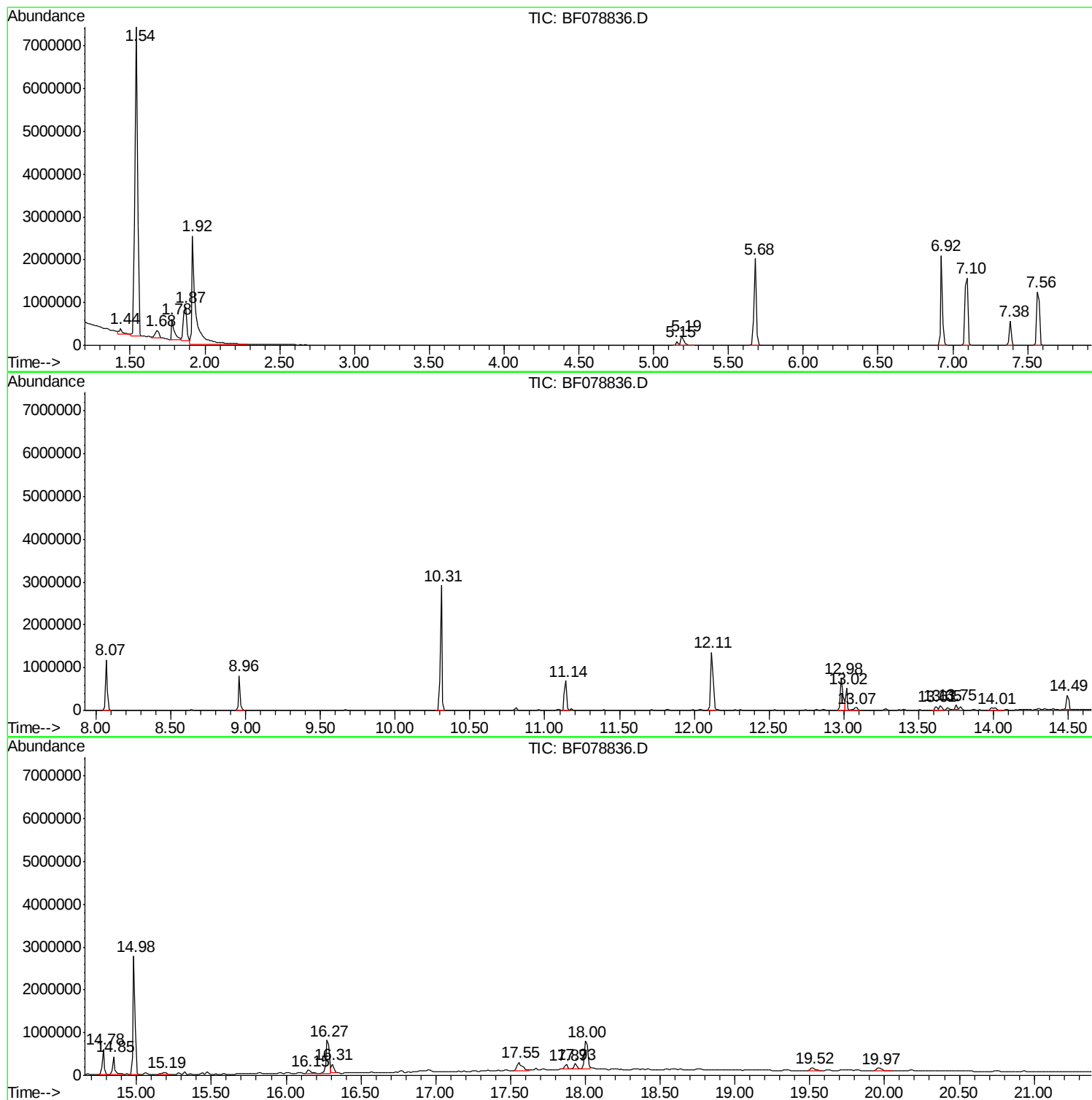
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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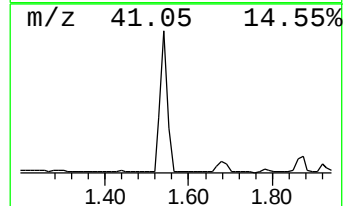
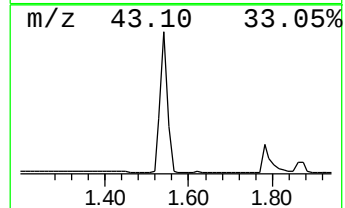
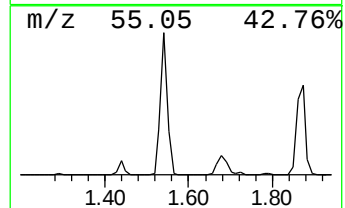
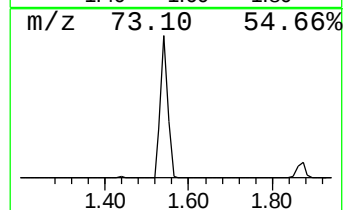
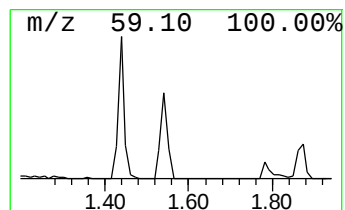
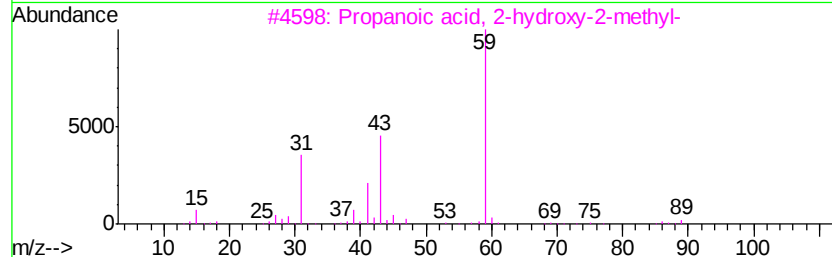
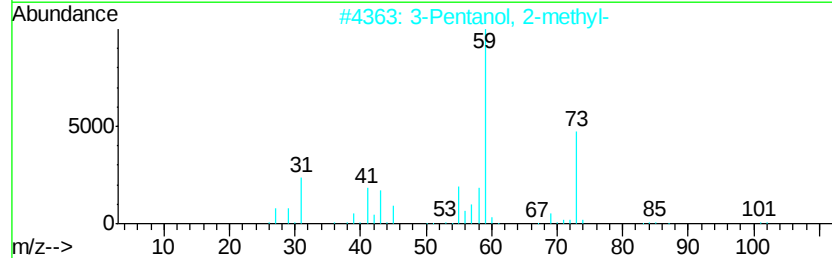
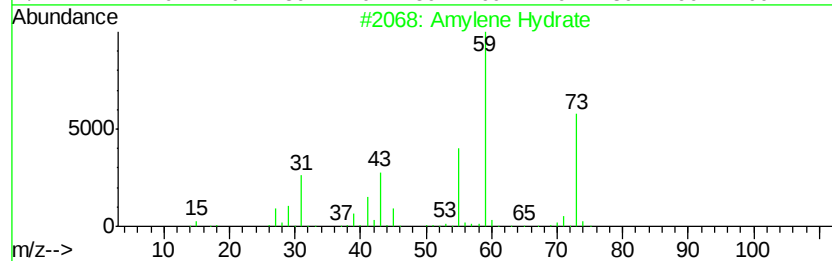
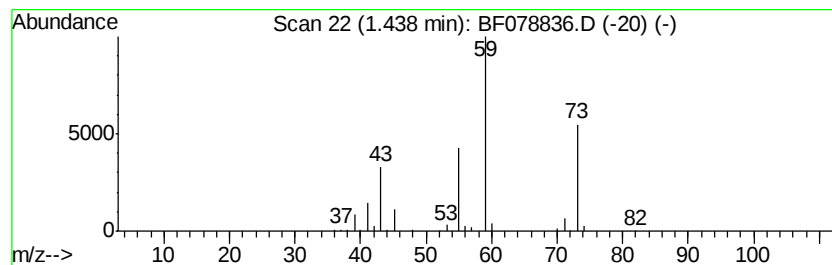
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	10.06 ng	253816	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Amylene Hydrate	88	C5H12O	000075-85-4	74
2		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
3		Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	33
4		2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
5		3-Hexanol	102	C6H14O	000623-37-0	9



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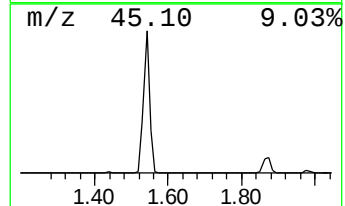
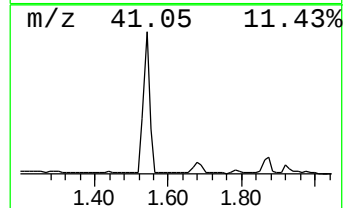
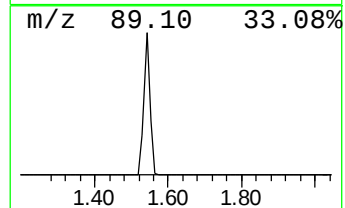
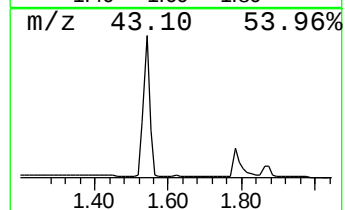
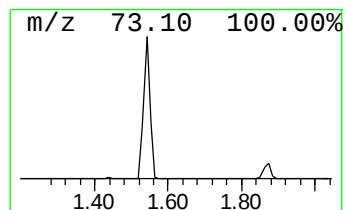
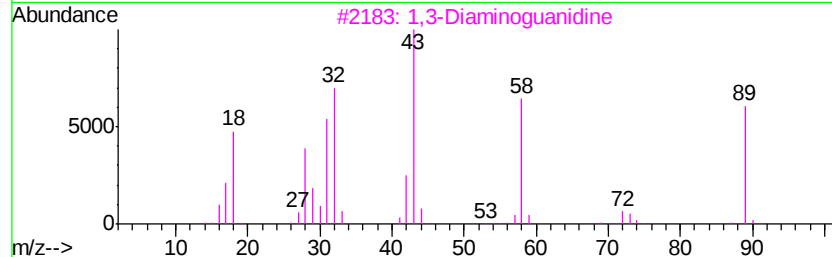
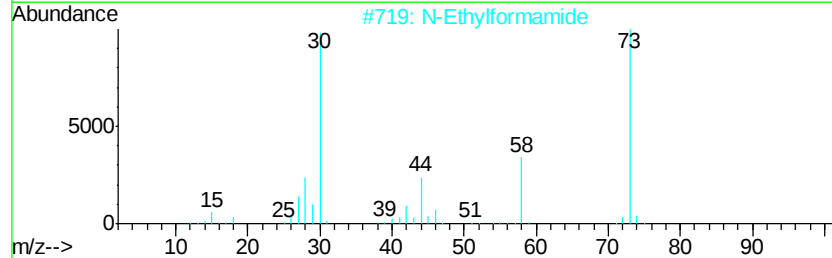
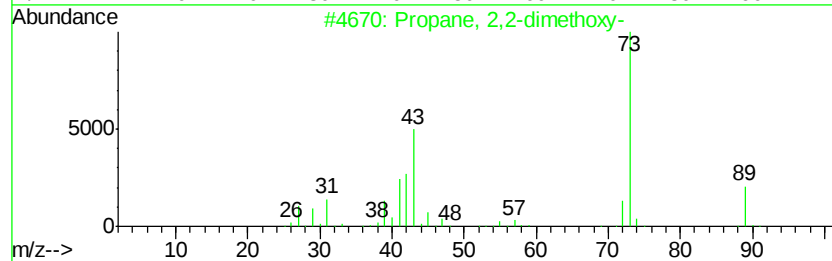
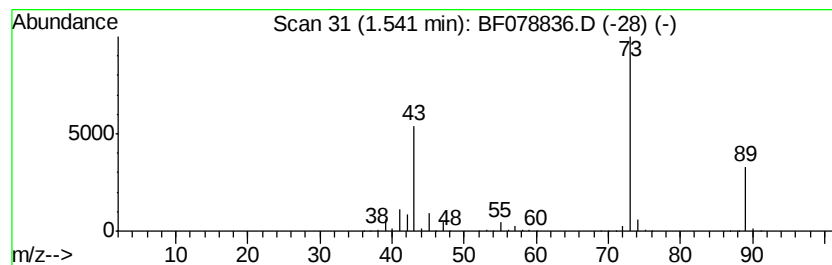
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	336.64 ng	8494010	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



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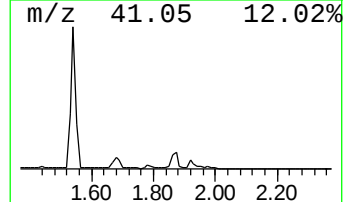
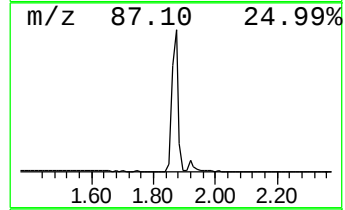
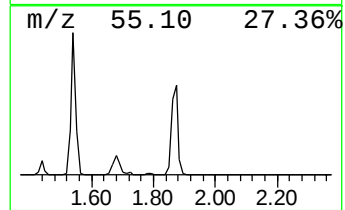
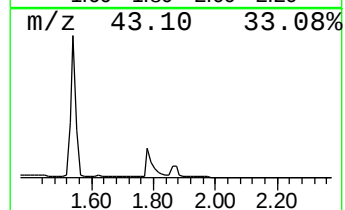
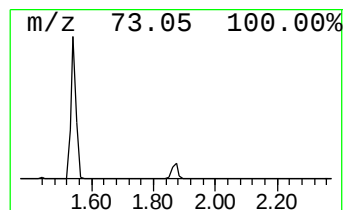
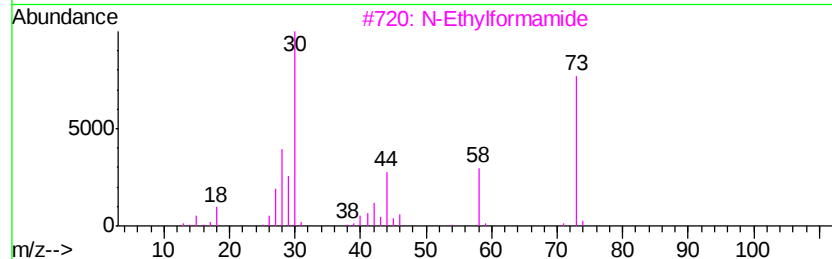
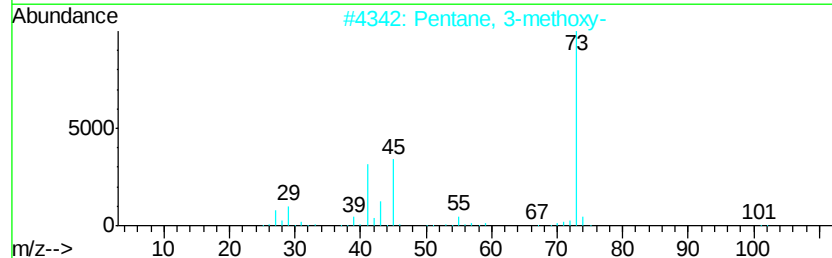
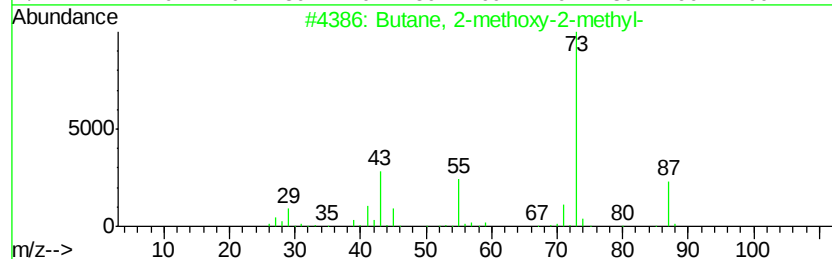
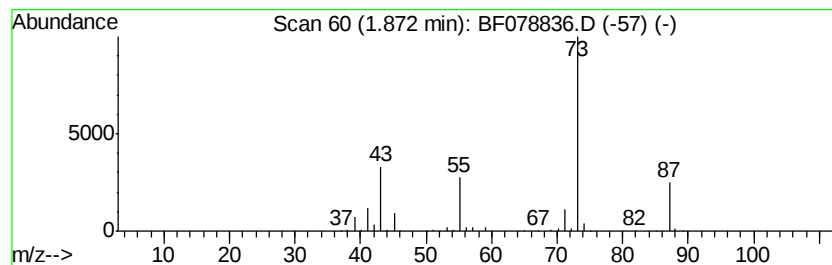
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.87	45.26 ng	1141920	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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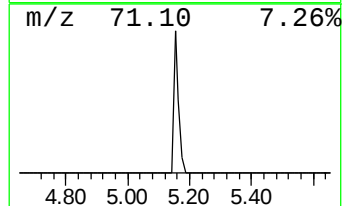
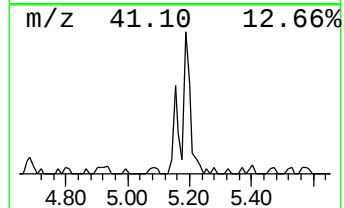
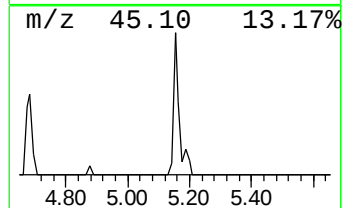
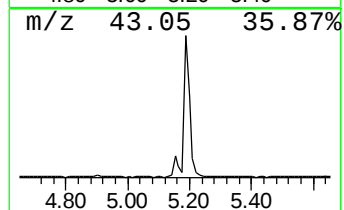
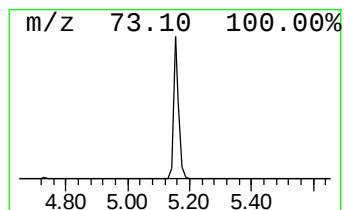
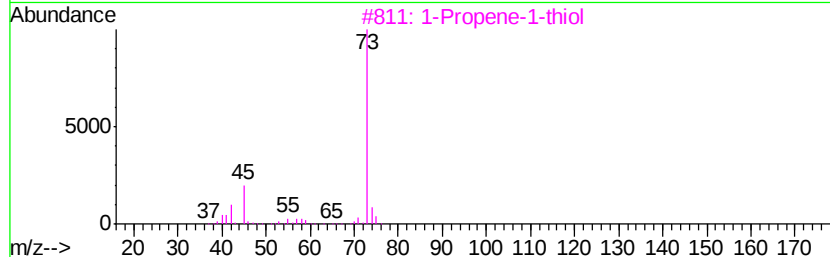
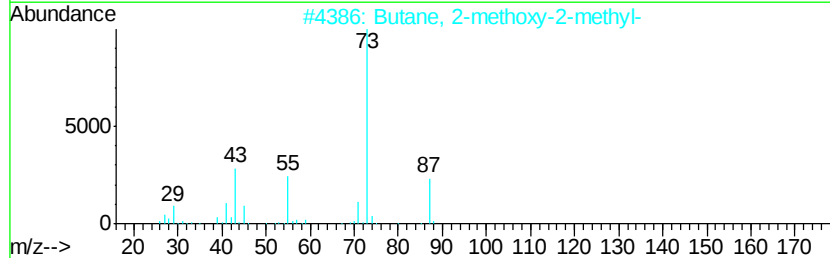
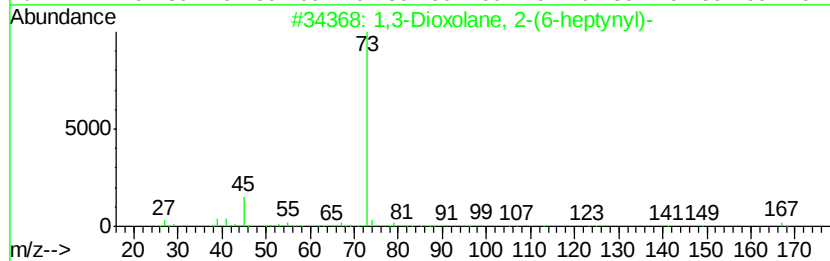
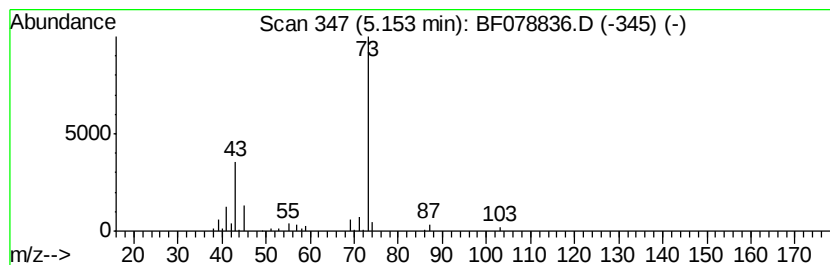
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown5.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	4.11 ng	103749	1,4-Dichlorobenzene-d4	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	28
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	28
3			1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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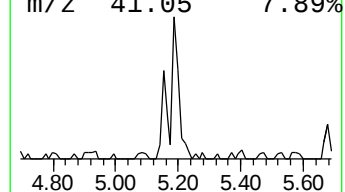
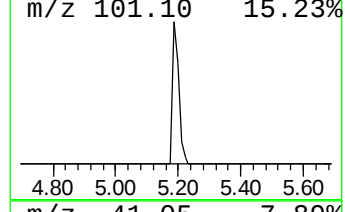
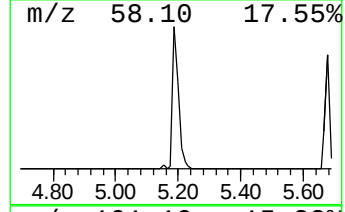
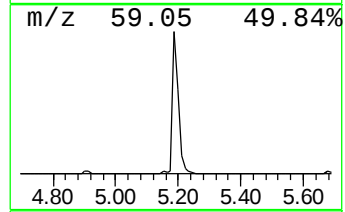
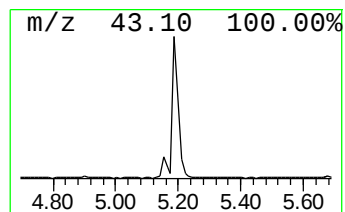
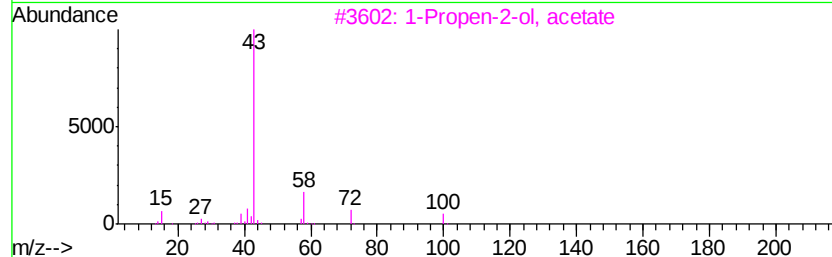
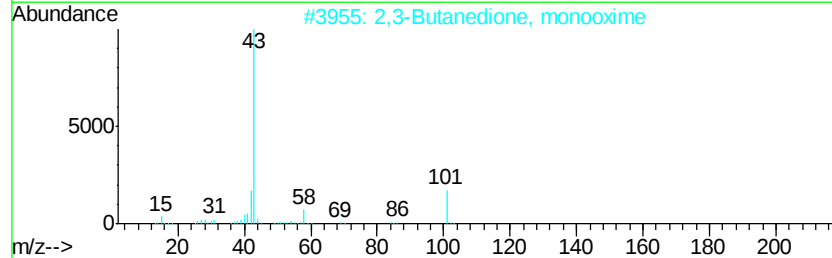
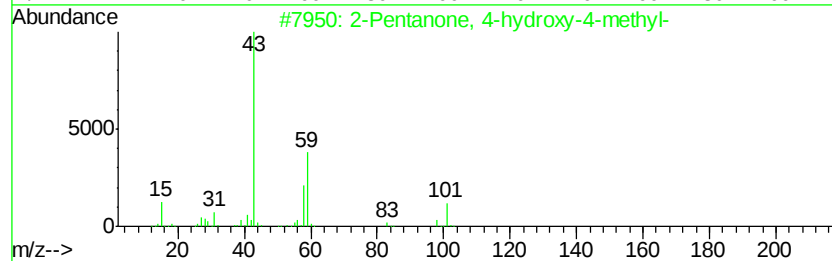
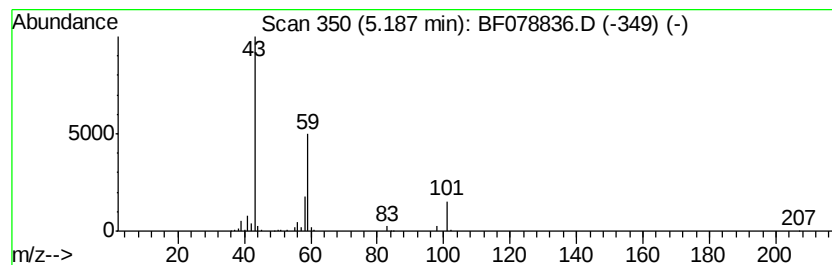
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.87 ng	274307	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Acetone	58	C3H6O	000067-64-1	9
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
Data File : BF078836.D
Acq On : 30 Apr 2015 4:13
Operator : TP/IZ
Sample : G2022-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

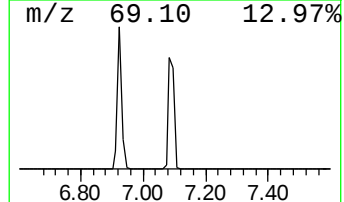
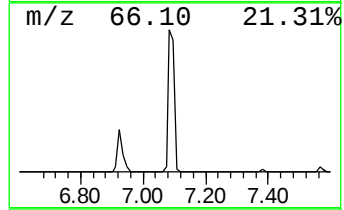
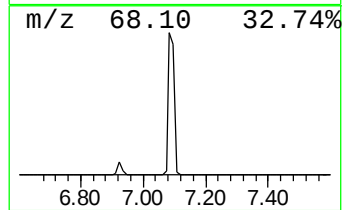
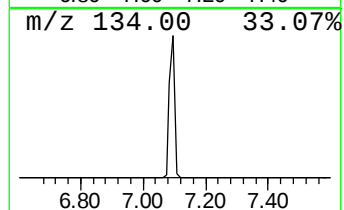
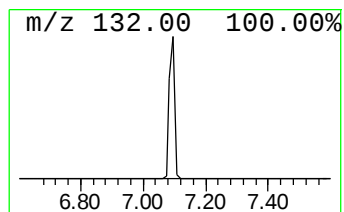
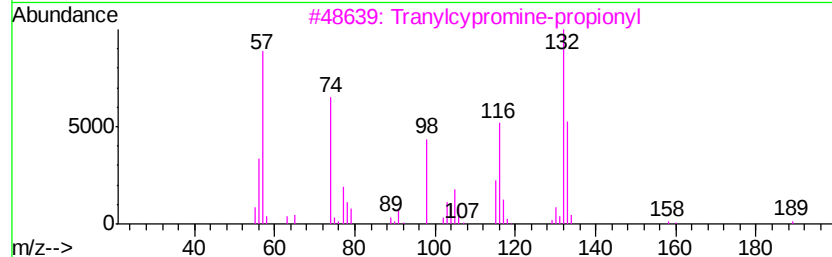
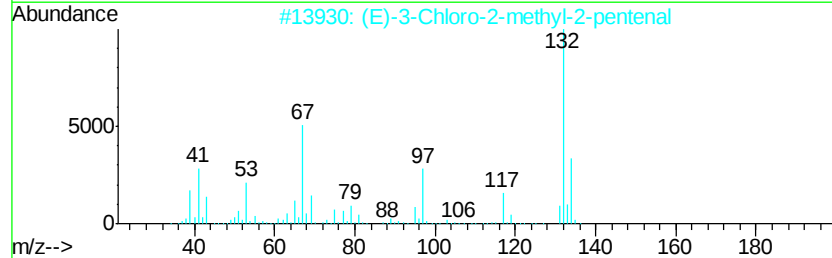
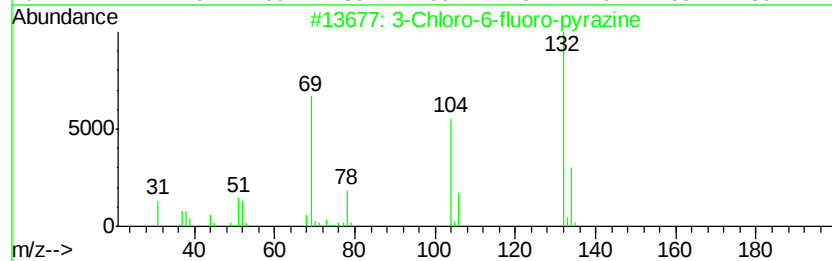
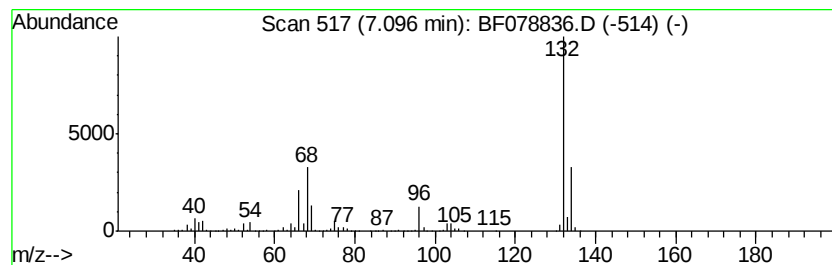
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	83.07 ng	2096060	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Amphetaminil	250	C17H18N2	017590-01-1	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078836.D
Acq On : 30 Apr 2015 4:13
Operator : TP/IZ
Sample : G2022-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

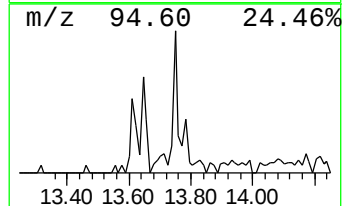
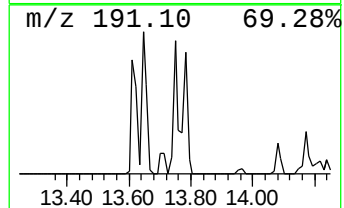
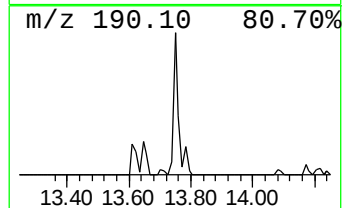
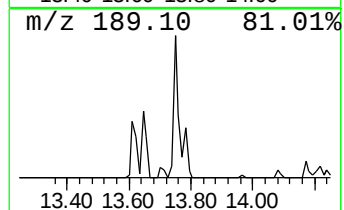
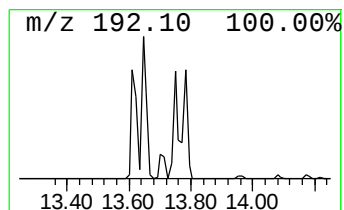
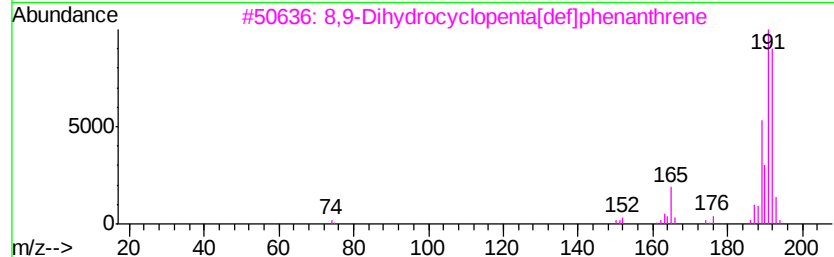
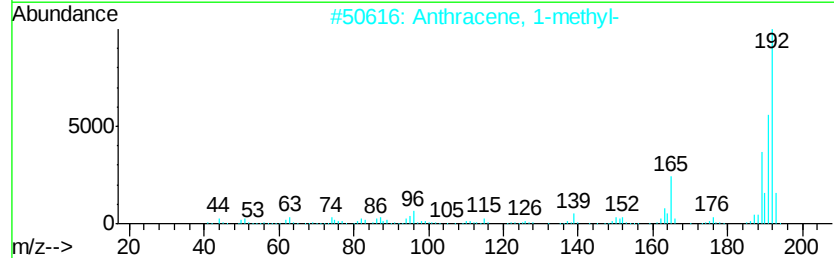
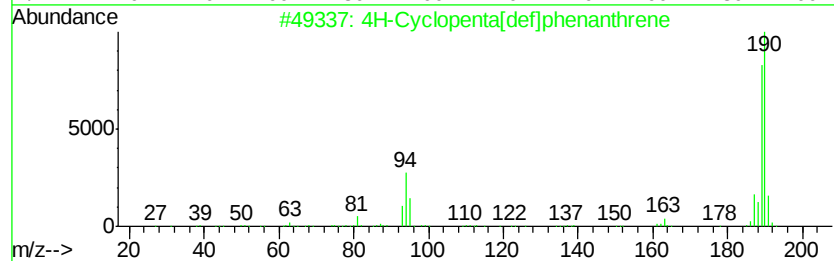
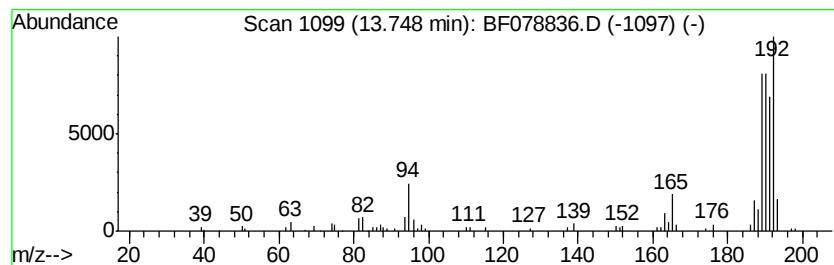
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.97 ng	135815	Phenanthrene-d10	12.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
3			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	49
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078836.D
Acq On : 30 Apr 2015 4:13
Operator : TP/IZ
Sample : G2022-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP

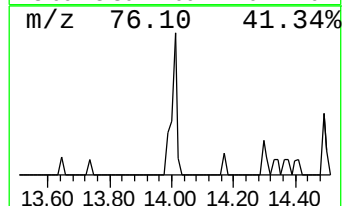
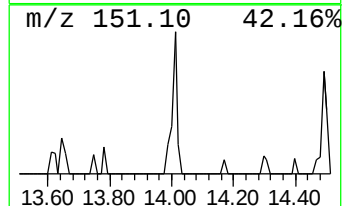
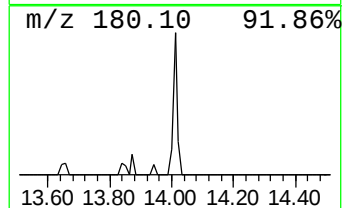
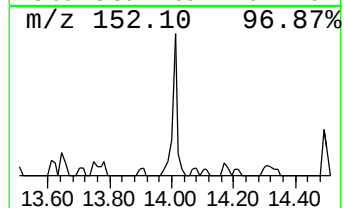
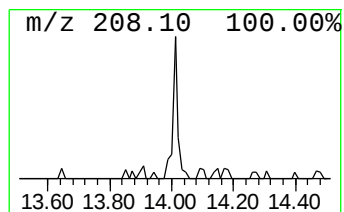
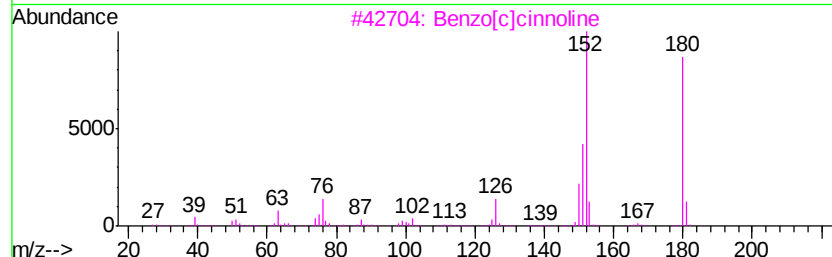
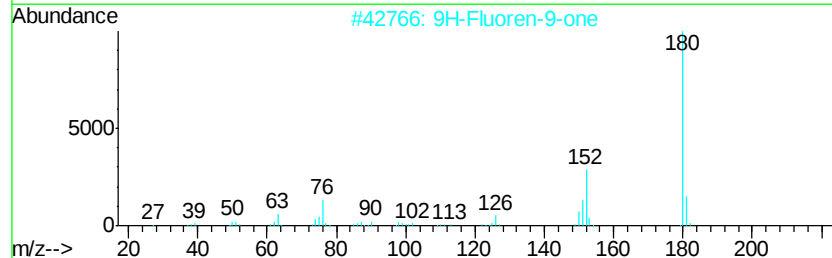
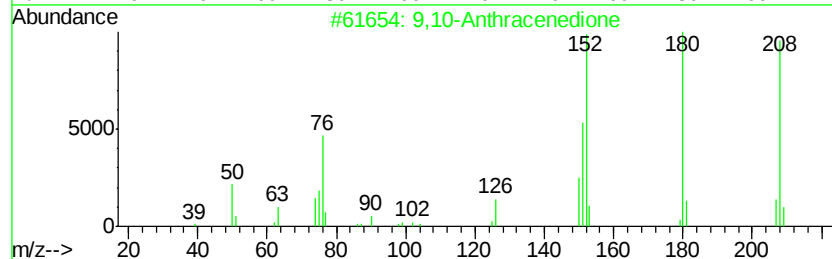
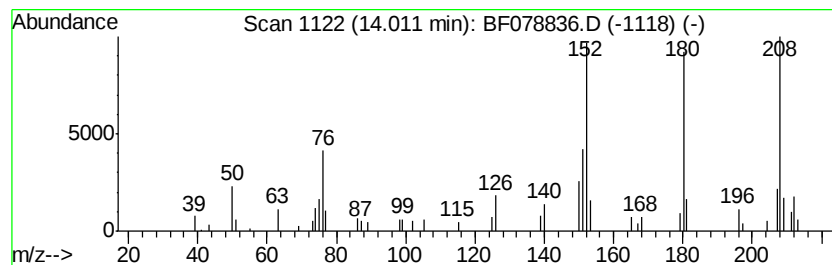
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.35 ng	107699	Phenanthrene-d10	12.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
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Operator : TP/IZ
Sample : G2022-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

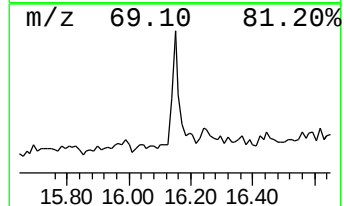
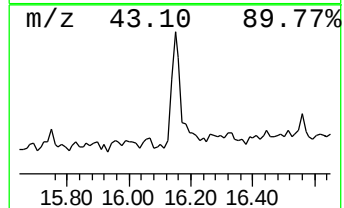
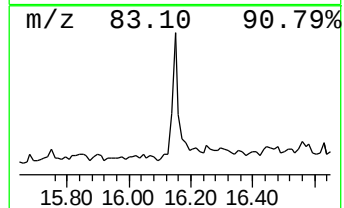
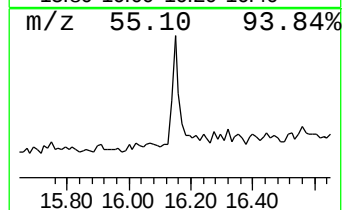
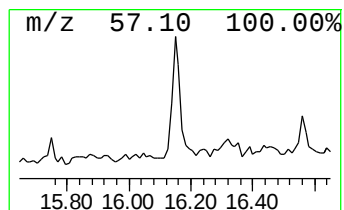
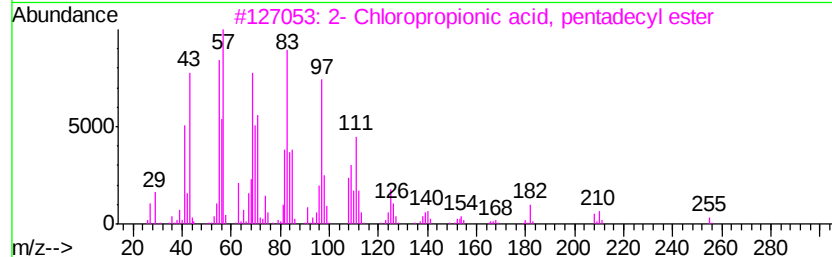
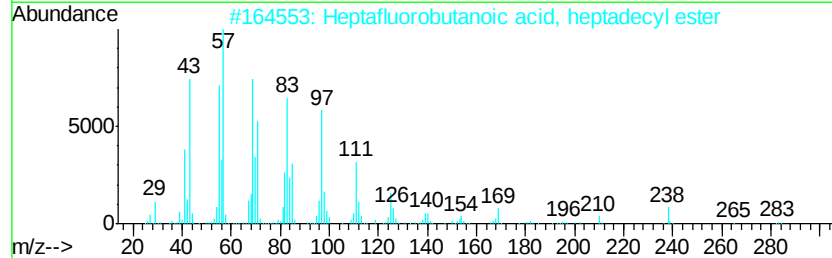
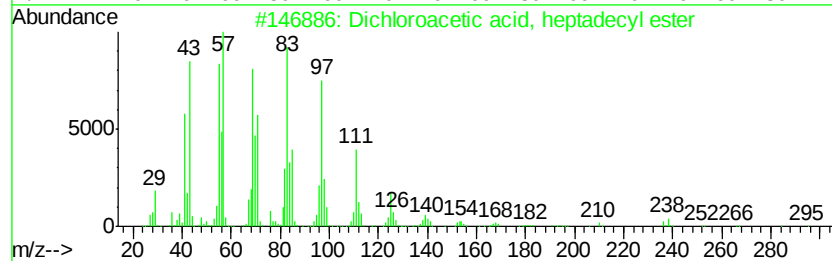
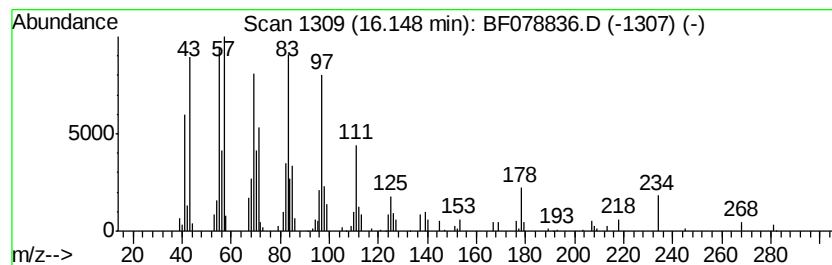
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dichloroacetic acid, heptad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.24 ng	143168	Chrysene-d12	16.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	93
4			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
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Sample : G2022-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
SB-03-COMP

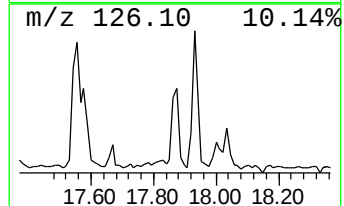
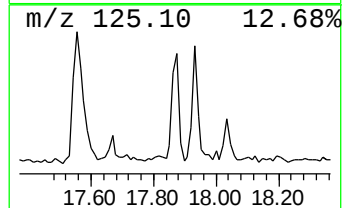
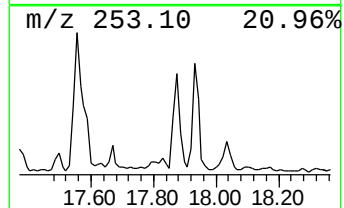
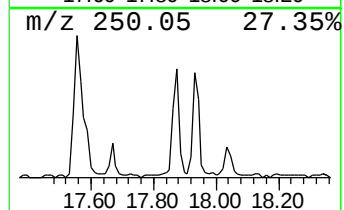
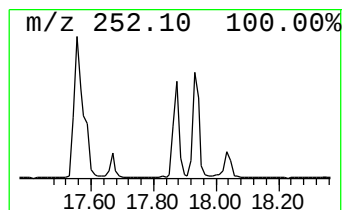
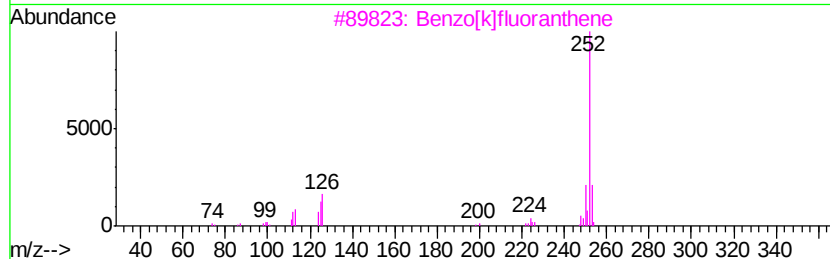
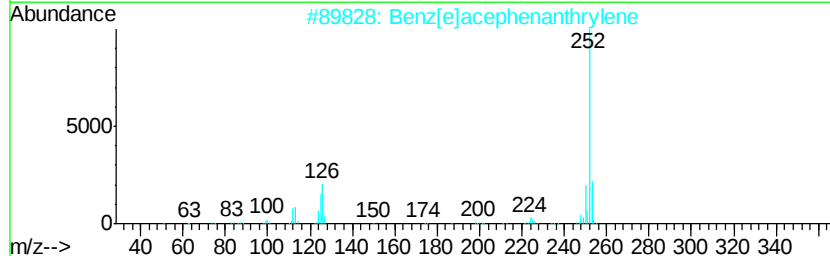
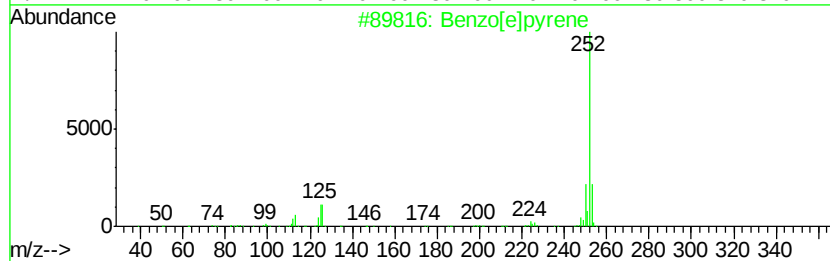
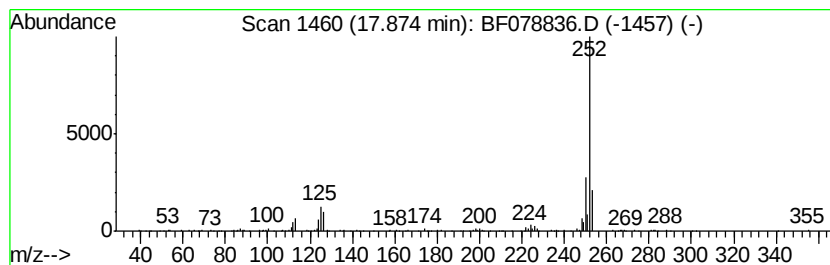
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.95 ng	154675	Perylene-d12	18.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	87



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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.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
Amylene Hydrate	1.44	10.1	ng	253816	1	7.38	504634	20.0
Propane, 2,2-dime...	1.54	336.6	ng	8494010	1	7.38	504634	20.0
Butane, 2-methoxy...	1.87	45.3	ng	1141920	1	7.38	504634	20.0
unknown5.15	5.15	4.1	ng	103749	1	7.38	504634	20.0
2-Pentanone, 4-hy...	5.19	10.9	ng	274307	1	7.38	504634	20.0
unknown7.10	7.10	83.1	ng	2096060	1	7.38	504634	20.0
4H-Cyclopenta[def...	13.75	3.0	ng	135815	4	12.98	915104	20.0
9,10-Anthracenedione	14.01	2.4	ng	107699	4	12.98	915104	20.0
Dichloroacetic ac...	16.15	2.2	ng	143168	5	16.29	1277630	20.0
Benzo[e]pyrene	17.87	3.0	ng	154675	6	18.00	1050220	20.0