

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078865.D
 Acq On : 30 Apr 2015 23:41
 Operator : TP/IZ
 Sample : G2044-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-60S

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-BF043015.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	1.518	27	29	32	rVB	1244949	1693757	21.67%	6.966%
2	1.678	40	43	51	rVB	167487	392871	5.03%	1.616%
3	1.781	51	52	56	rVV	78379	133394	1.71%	0.549%
4	1.850	56	58	61	rVV	64954	107067	1.37%	0.440%
5	1.907	61	63	111	rVB	3849811	7816862	100.00%	32.148%
6	5.176	347	349	354	rVB	120222	131790	1.69%	0.542%
7	5.667	389	392	394	rBV	185317	207046	2.65%	0.852%
8	6.913	499	501	503	rBV	388220	347601	4.45%	1.430%
9	7.073	513	515	518	rBV	303591	314357	4.02%	1.293%
10	7.370	538	541	543	rBV	535601	473891	6.06%	1.949%
11	7.553	555	557	560	rVB	295066	285003	3.65%	1.172%
12	8.056	599	601	603	rBV	244643	209310	2.68%	0.861%
13	8.947	676	679	681	rBV	719487	664952	8.51%	2.735%
14	10.296	794	797	799	rVB	384743	438154	5.61%	1.802%
15	11.119	867	869	872	rBV	509081	708651	9.07%	2.914%
16	12.102	950	955	958	rBV	75201	79112	1.01%	0.325%
17	12.971	1028	1031	1032	rBV	828197	759816	9.72%	3.125%
18	13.005	1032	1034	1036	rVV	468788	619761	7.93%	2.549%
19	13.062	1036	1039	1041	rVB	142667	138383	1.77%	0.569%
20	13.599	1082	1086	1088	rBV	91185	105647	1.35%	0.434%
21	13.634	1088	1089	1091	rVB	128443	104127	1.33%	0.428%
22	13.737	1096	1098	1099	rVV	126674	150947	1.93%	0.621%
23	13.977	1117	1119	1123	rVB2	64180	94643	1.21%	0.389%
24	14.479	1160	1163	1166	rBV	920682	876649	11.21%	3.605%
25	14.765	1185	1188	1190	rVV	710196	965627	12.35%	3.971%
26	14.960	1203	1205	1208	rVB	379724	548894	7.02%	2.257%
27	15.040	1208	1212	1214	rBV2	46321	81893	1.05%	0.337%
28	15.177	1222	1224	1226	rVB	89508	107385	1.37%	0.442%
29	15.302	1233	1235	1237	rBV	101527	110012	1.41%	0.452%
30	15.805	1276	1279	1283	rBV	61376	79378	1.02%	0.326%
31	15.942	1288	1291	1293	rBV2	56551	94139	1.20%	0.387%
32	15.988	1293	1295	1298	rVV2	66451	124706	1.60%	0.513%
33	16.068	1300	1302	1305	rVB	62203	85268	1.09%	0.351%
34	16.262	1314	1319	1321	rBV2	955204	1595659	20.41%	6.562%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.297	1321	1322	1324	rVV	331363	277713	3.55%	1.142%
36	16.754	1359	1362	1364	rBV	84343	101859	1.30%	0.419%
37	17.531	1427	1430	1436	rBV	311316	763925	9.77%	3.142%
38	17.645	1437	1440	1442	rVB	61470	92800	1.19%	0.382%
39	17.840	1455	1457	1460	rBV	198247	256172	3.28%	1.054%
40	17.908	1460	1463	1466	rVB	305489	382069	4.89%	1.571%
41	17.977	1466	1469	1477	rBV	703065	1078498	13.80%	4.435%
42	19.303	1582	1585	1589	rBV2	34501	79810	1.02%	0.328%
43	19.474	1597	1600	1605	rVB2	126443	270798	3.46%	1.114%
44	19.669	1614	1617	1619	rBV	38484	80114	1.02%	0.329%
45	19.920	1636	1639	1649	rVB	125878	284792	3.64%	1.171%

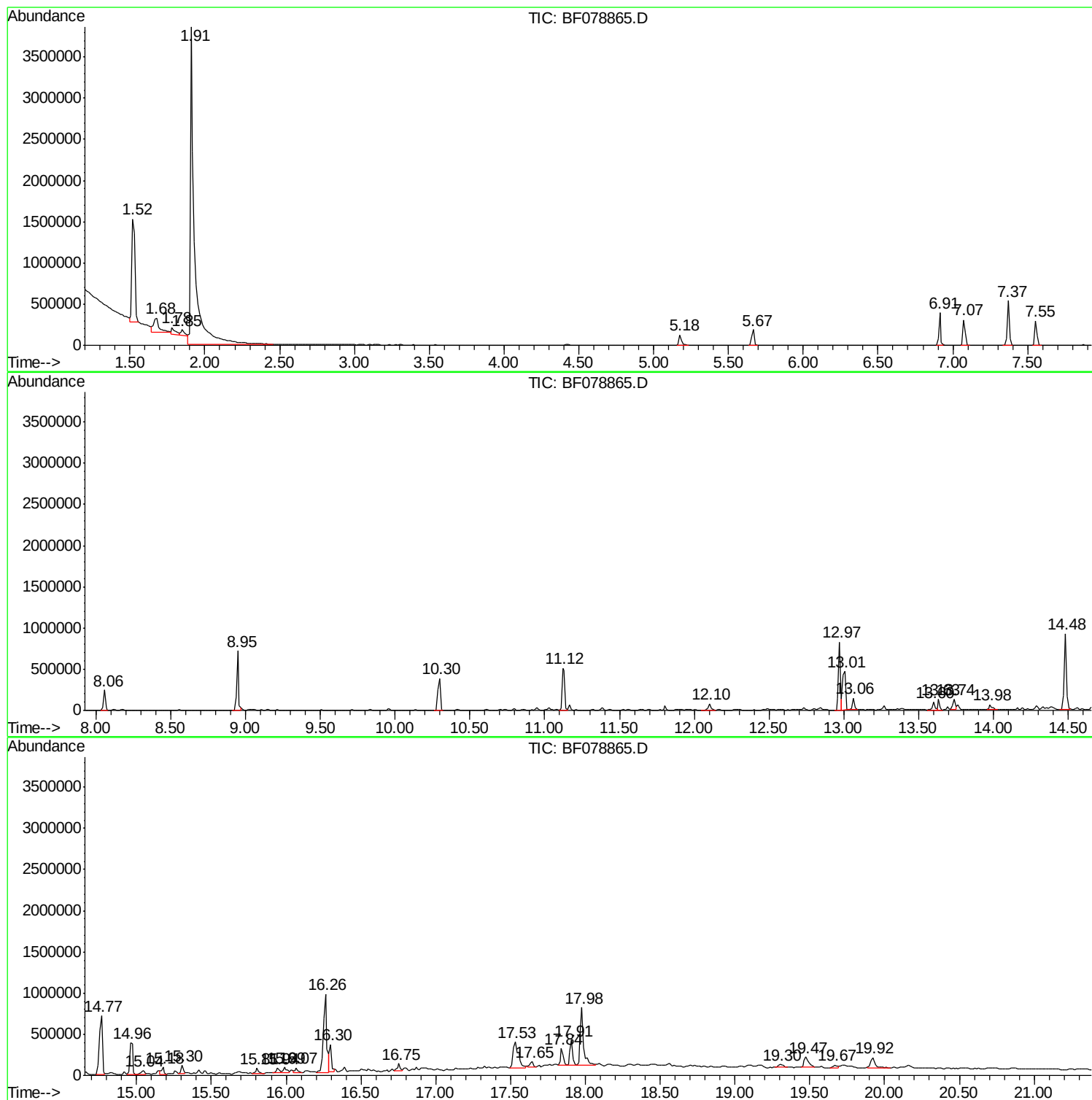
Sum of corrected areas: 24315302

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

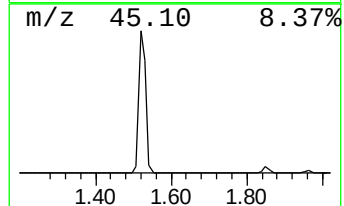
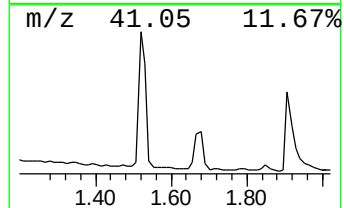
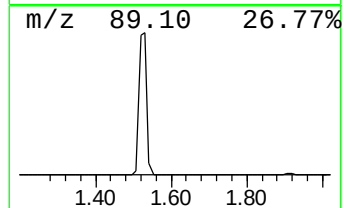
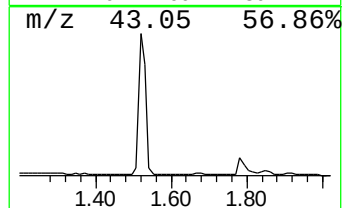
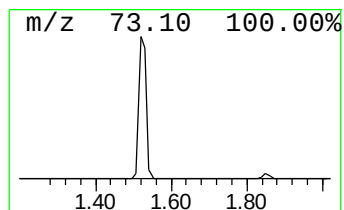
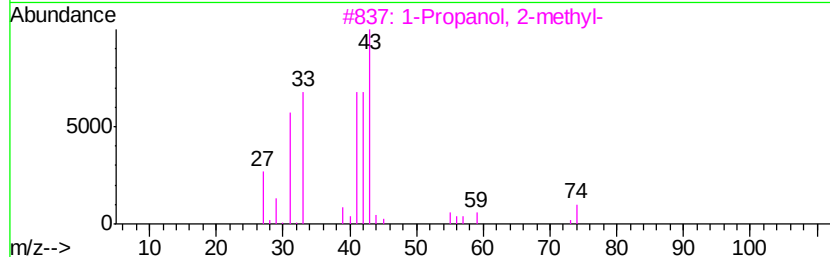
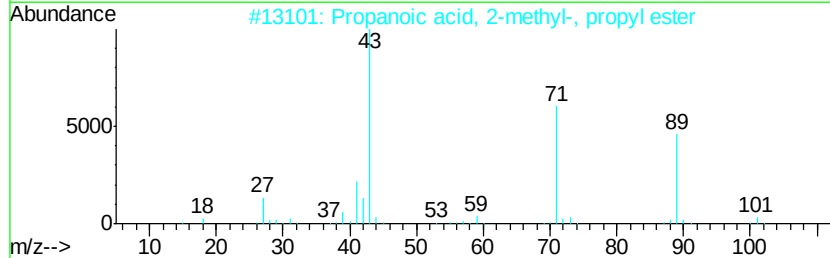
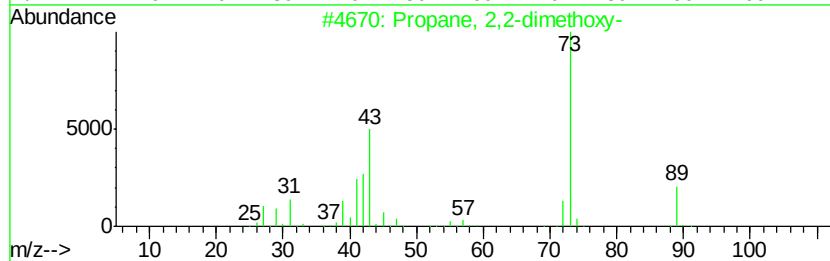
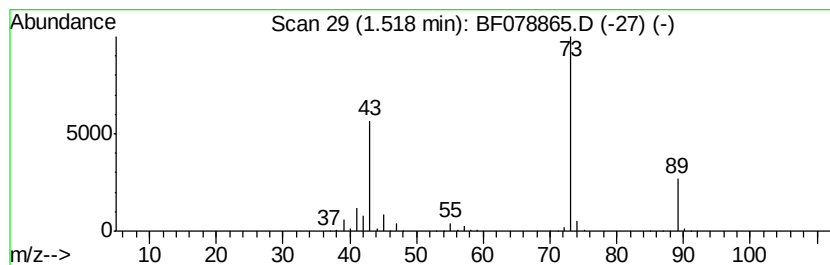
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	71.48 ng	1693760	1,4-Dichlorobenzene-d4	7.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	23
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

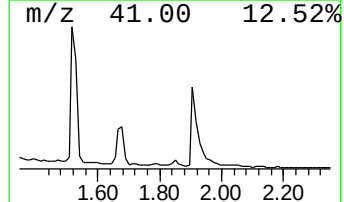
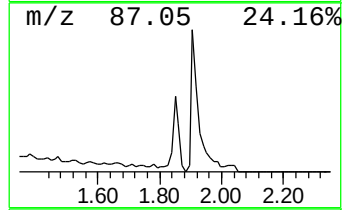
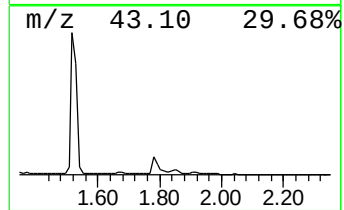
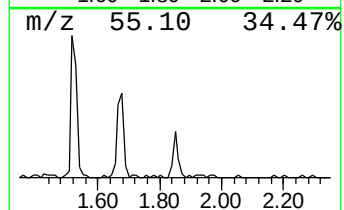
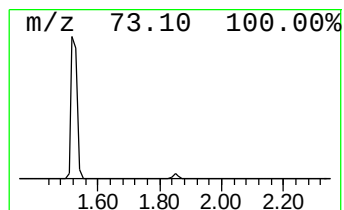
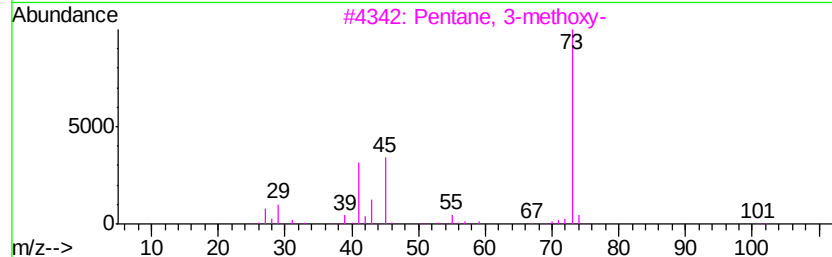
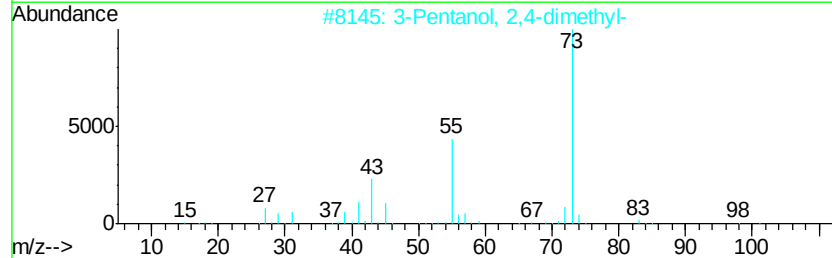
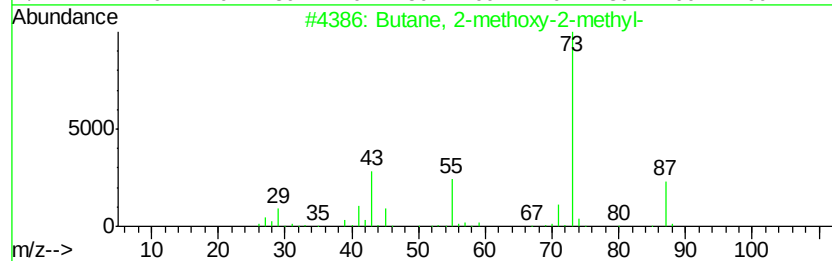
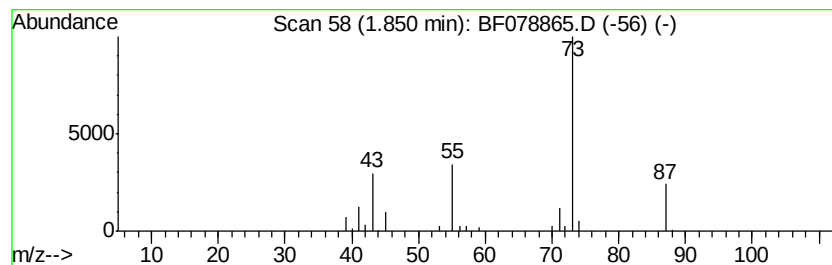
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.85	4.52 ng	107067	1,4-Dichlorobenzene-d4	7.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

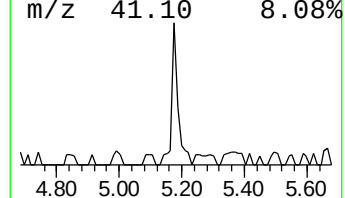
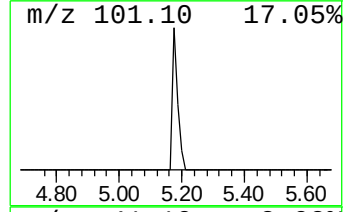
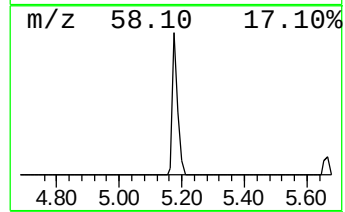
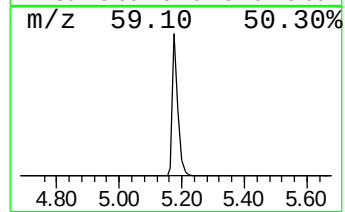
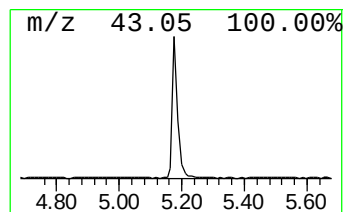
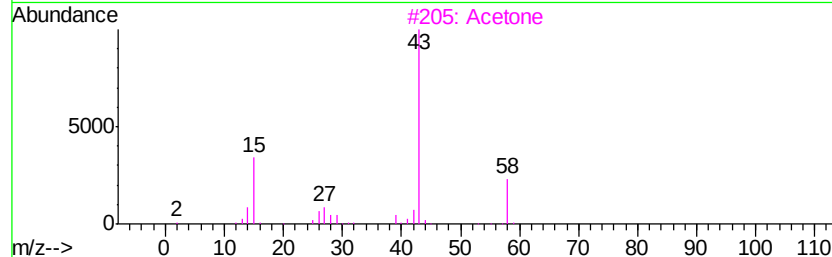
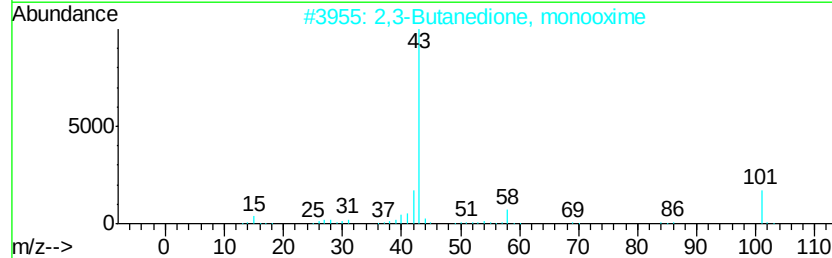
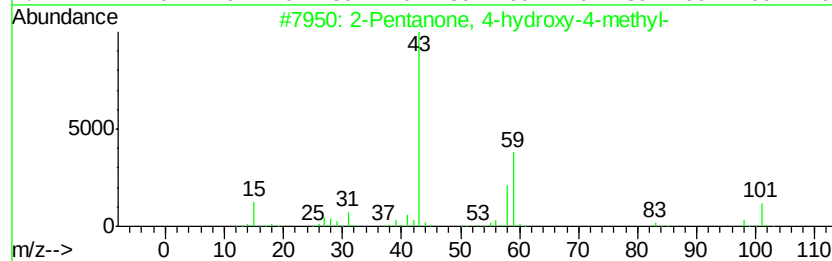
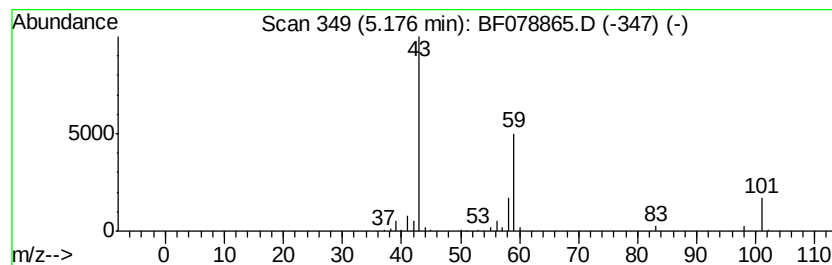
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.56 ng	131790	1,4-Dichlorobenzene-d4	7.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3		Acetone	58	C3H6O	000067-64-1	12
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

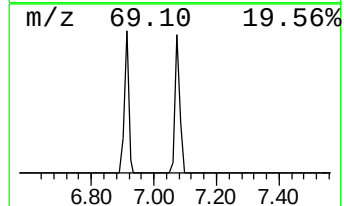
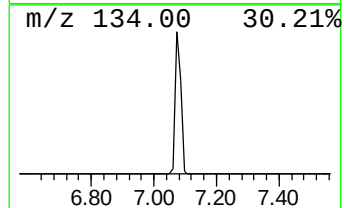
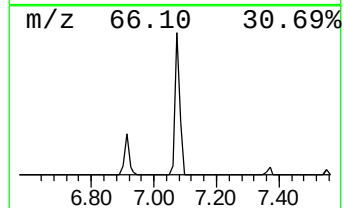
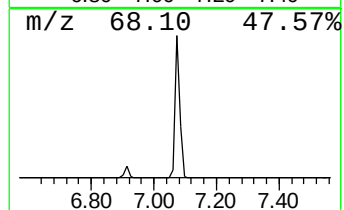
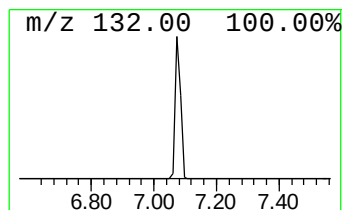
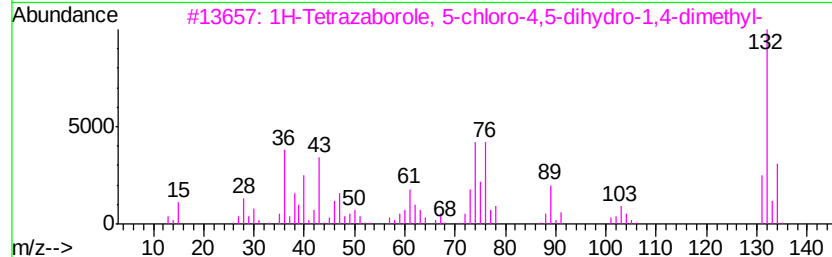
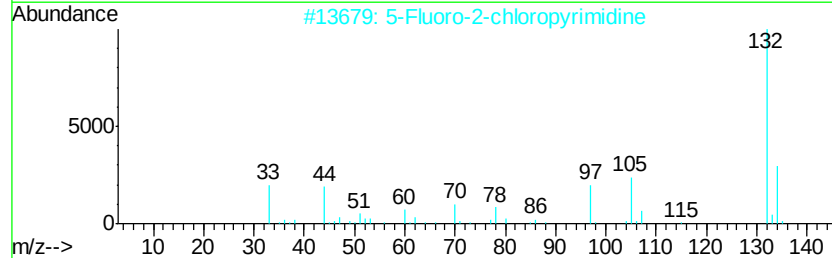
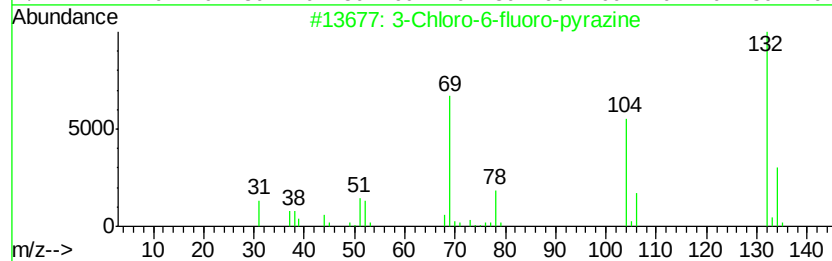
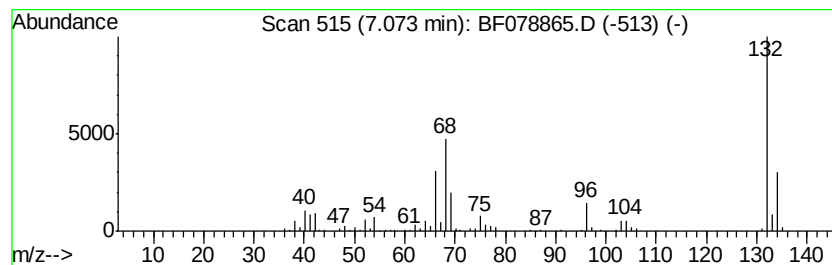
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	13.27 ng	314357	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

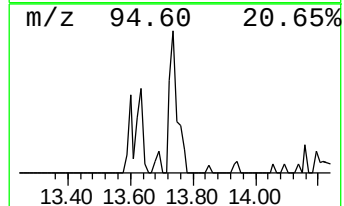
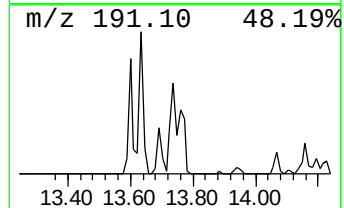
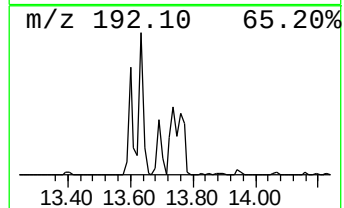
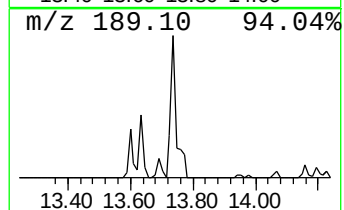
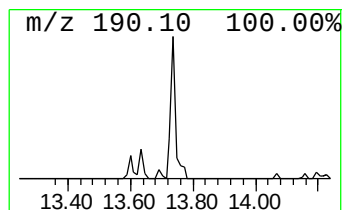
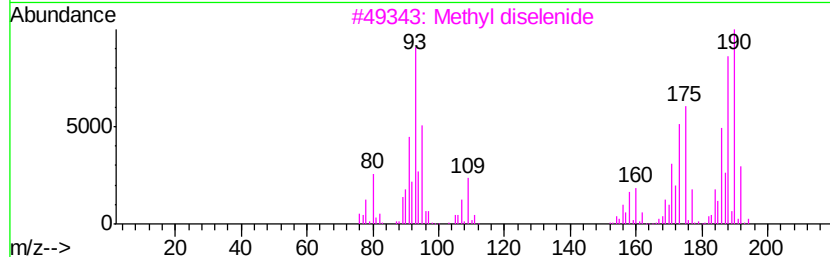
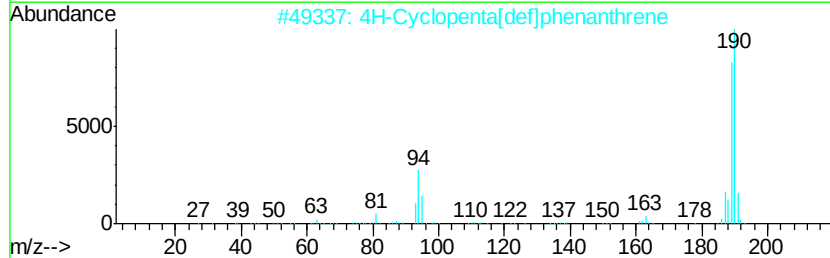
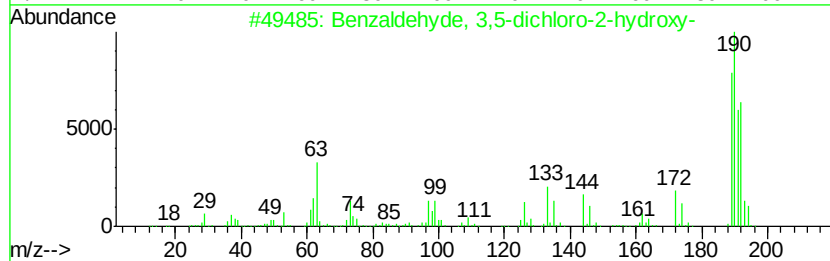
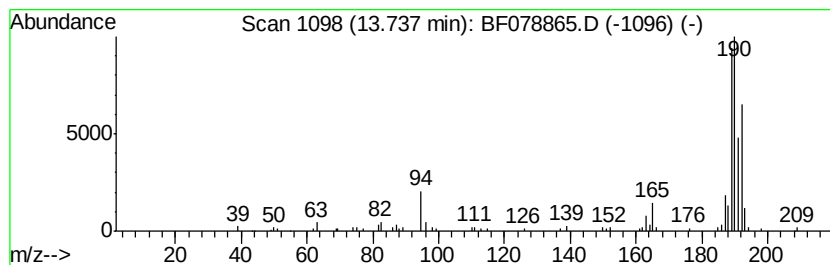
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.97 ng	150947	Phenanthrene-d10	12.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3			Methyl diselenide	190	C2H6Se2	007101-31-7	41
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

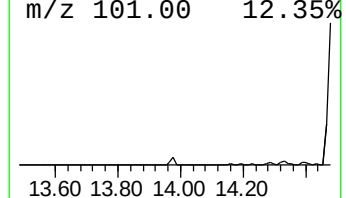
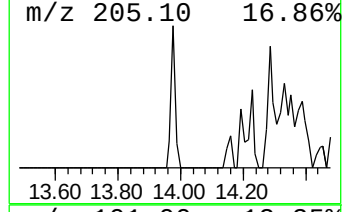
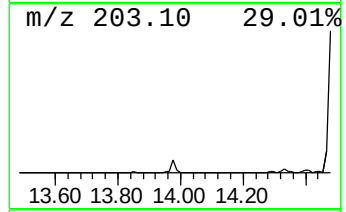
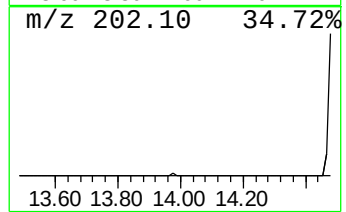
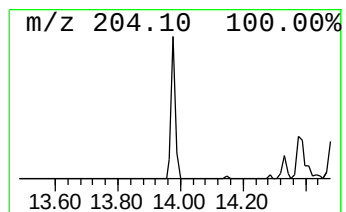
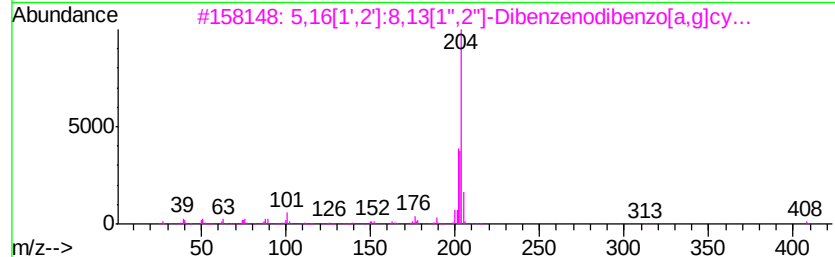
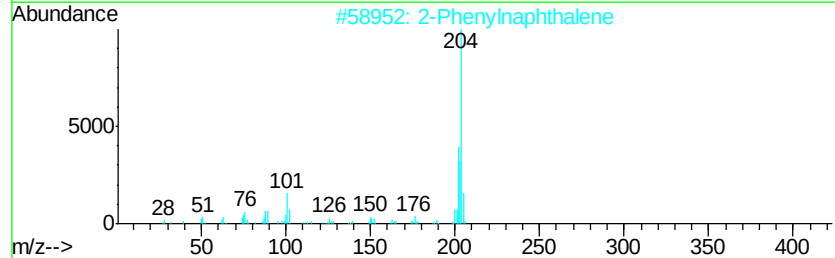
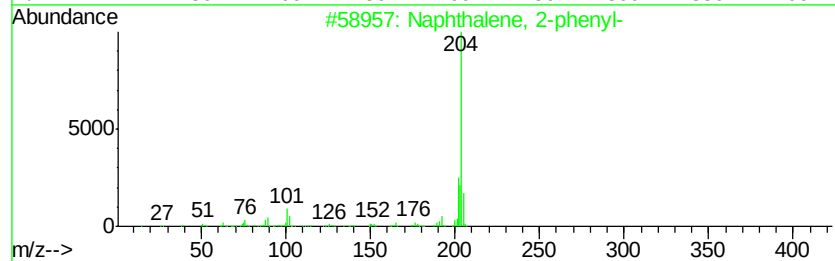
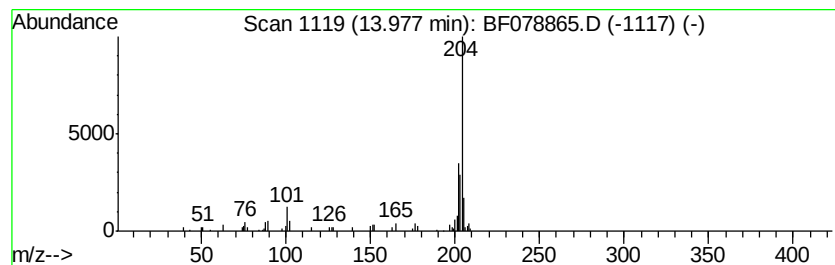
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.49 ng	94643	Phenanthrene-d10	12.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078865.D
Acq On : 30 Apr 2015 23:41
Operator : TP/IZ
Sample : G2044-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-60S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.52	71.5	ng	1693760	1	7.37	473891	20.0
Butane, 2-methoxy...	1.85	4.5	ng	107067	1	7.37	473891	20.0
2-Pentanone, 4-hy...	5.18	5.6	ng	131790	1	7.37	473891	20.0
unknown7.07	7.07	13.3	ng	314357	1	7.37	473891	20.0
Benzaldehyde, 3,5...	13.74	4.0	ng	150947	4	12.97	759816	20.0
Naphthalene, 2-ph...	13.98	2.5	ng	94643	4	12.97	759816	20.0