

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082623.D
 Acq On : 31 Oct 2015 16:03
 Operator : UM/IZ
 Sample : G4200-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-22R

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-BF103015.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	5.104	260	264	266	rBV	1655808	2732183	49.30%	4.792%
2	5.516	297	300	302	rBV	5021738	5541768	100.00%	9.721%
3	6.533	386	389	391	rBV	5041955	5408994	97.60%	9.488%
4	6.670	398	401	403	rBV	5391605	5007618	90.36%	8.784%
5	6.899	419	421	424	rBV	1416417	1483086	26.76%	2.601%
6	7.059	433	435	438	rVB	3945951	3634065	65.58%	6.374%
7	7.459	467	470	473	rBV	2490770	3386099	61.10%	5.940%
8	8.190	531	534	536	rBV	2402277	2018236	36.42%	3.540%
9	9.276	626	629	631	rBV	4243574	5457698	98.48%	9.573%
10	9.665	660	663	665	rBV	1387358	1232636	22.24%	2.162%
11	9.893	681	683	685	rBV	88435	77698	1.40%	0.136%
12	9.950	685	688	690	rBV	2260852	2289403	41.31%	4.016%
13	10.396	723	727	728	rVB	100366	167009	3.01%	0.293%
14	10.613	742	746	749	rBV	60100	97025	1.75%	0.170%
15	10.728	754	756	759	rVV2	2626072	3652919	65.92%	6.408%
16	10.865	766	768	775	rBV	185455	204622	3.69%	0.359%
17	11.311	805	807	809	rVB	90317	75395	1.36%	0.132%
18	11.436	815	818	820	rVV	1748251	2099067	37.88%	3.682%
19	11.493	820	823	825	rVB2	31743	56797	1.02%	0.100%
20	11.665	836	838	843	rBV	160702	194903	3.52%	0.342%
21	11.962	862	864	867	rBV2	223924	329800	5.95%	0.578%
22	12.145	877	880	883	rVB3	54941	112140	2.02%	0.197%
23	12.488	908	910	918	rVB	1211508	1172651	21.16%	2.057%
24	12.659	922	925	929	rBV4	17715	56443	1.02%	0.099%
25	12.751	931	933	936	rBV	129862	145887	2.63%	0.256%
26	12.854	940	942	944	rVV	682467	565114	10.20%	0.991%
27	12.934	946	949	951	rVB2	75181	107132	1.93%	0.188%
28	13.025	954	957	959	rBV	4963691	4707081	84.94%	8.257%
29	13.265	974	978	980	rBV2	54748	102505	1.85%	0.180%
30	13.482	994	997	998	rBV	103855	111637	2.01%	0.196%
31	13.562	1002	1004	1006	rVV	493348	439023	7.92%	0.770%
32	13.608	1006	1008	1012	rVB2	61170	100761	1.82%	0.177%
33	13.825	1022	1027	1031	rBV4	24535	88360	1.59%	0.155%
34	13.939	1034	1037	1040	rBV	295405	460944	8.32%	0.809%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.077	1046	1049	1051	rBV	1714753	1536990	27.73%	2.696%
36	14.271	1064	1066	1068	rVB	81110	80873	1.46%	0.142%
37	14.591	1091	1094	1103	rBV	190905	354358	6.39%	0.622%
38	14.899	1119	1121	1125	rVB	71362	71683	1.29%	0.126%
39	15.242	1149	1151	1152	rBV	58090	75318	1.36%	0.132%
40	15.551	1175	1178	1181	rBV	1003269	1254402	22.64%	2.200%
41	16.054	1219	1222	1224	rBV2	37853	56219	1.01%	0.099%
42	16.111	1224	1227	1230	rVV3	26009	56360	1.02%	0.099%
43	16.557	1263	1266	1274	rVB4	28719	85799	1.55%	0.150%
44	17.608	1353	1358	1361	rBV5	44568	121063	2.18%	0.212%

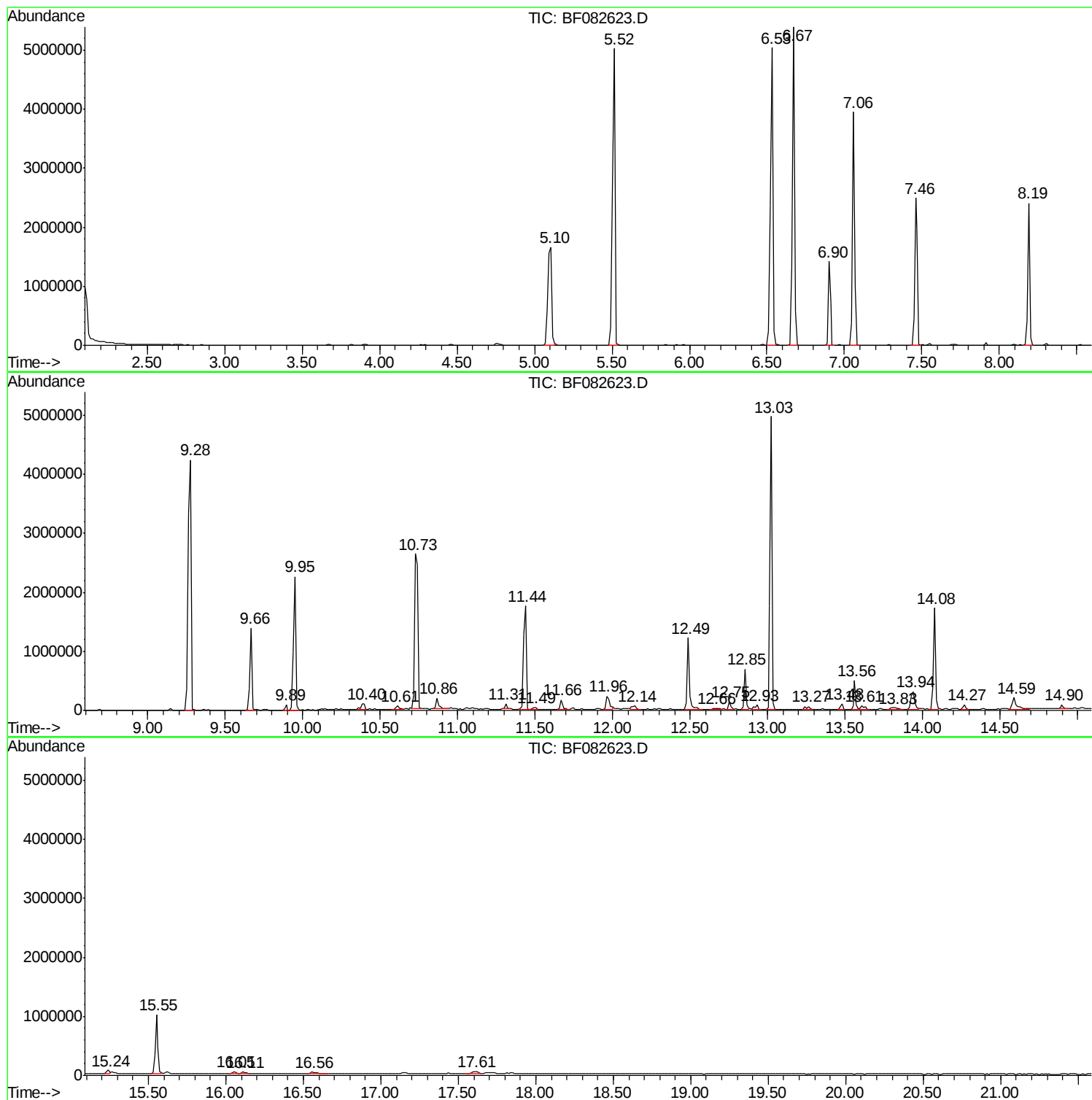
Sum of corrected areas: 57009764

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
T-22R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

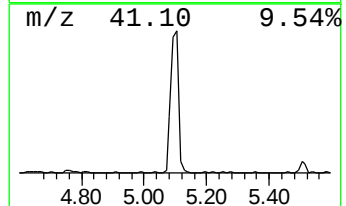
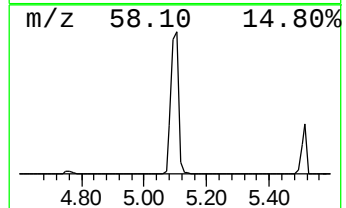
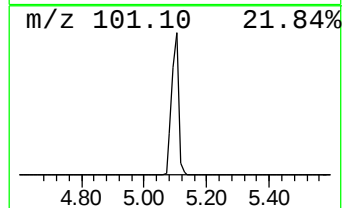
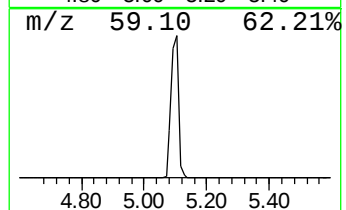
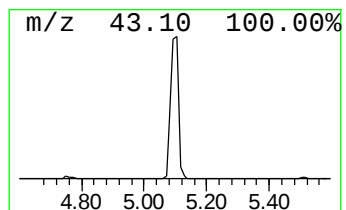
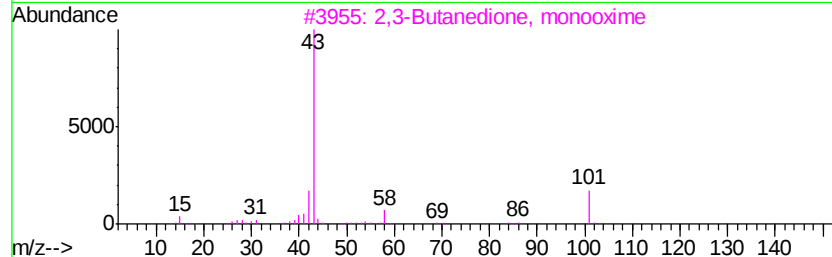
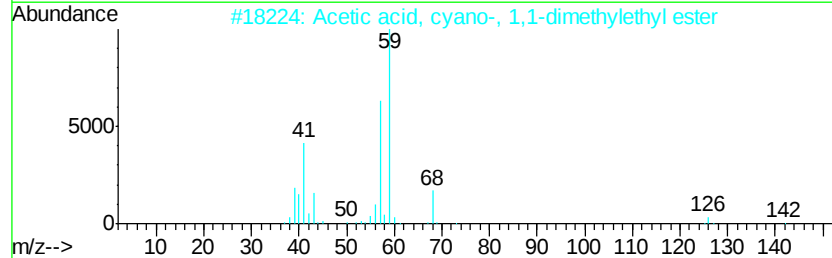
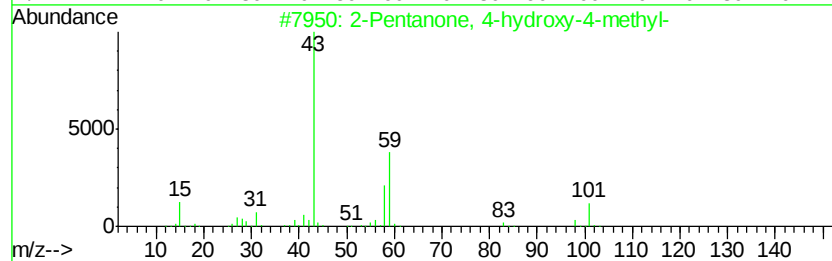
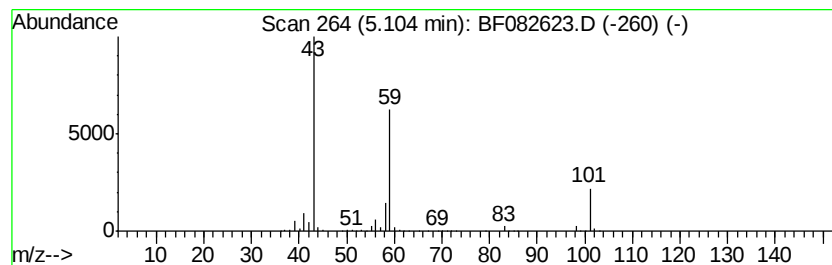
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	36.84 ng	2732180	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

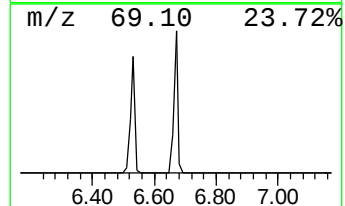
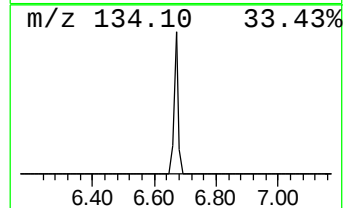
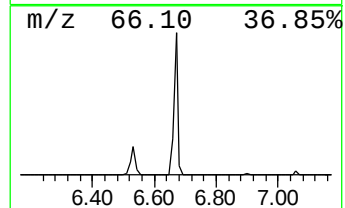
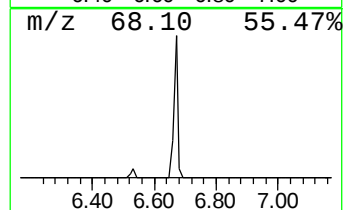
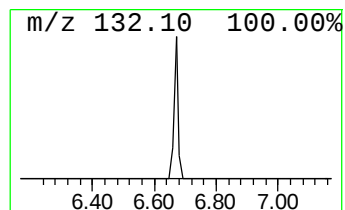
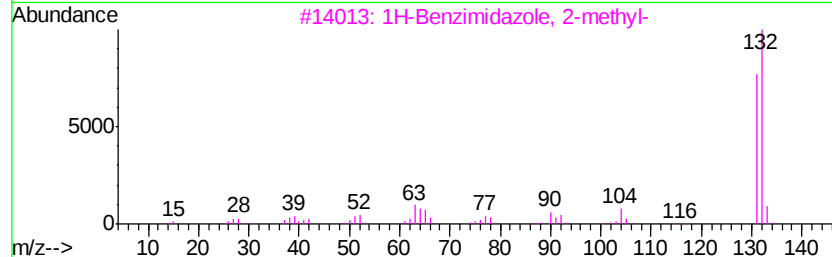
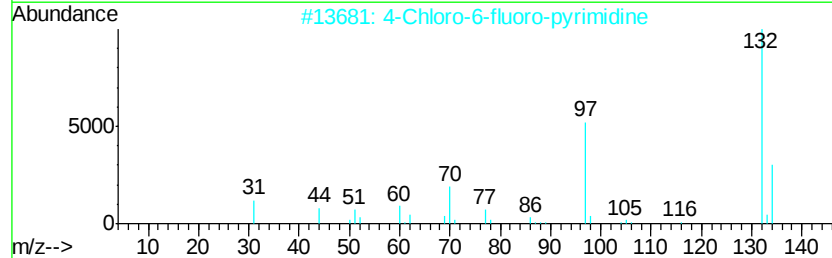
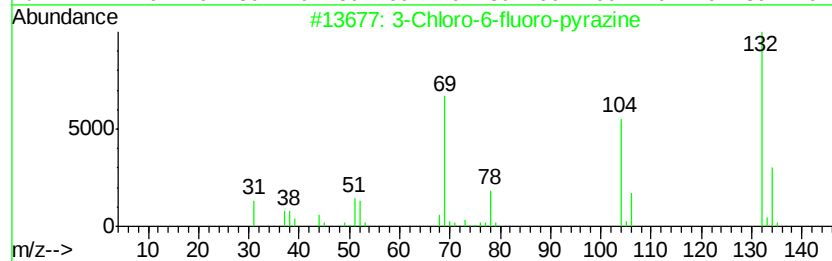
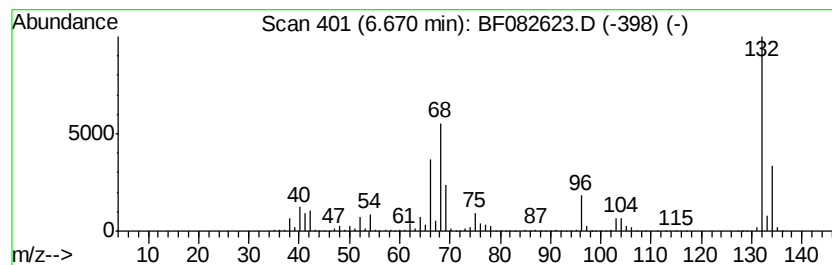
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	67.53 ng	5007620	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

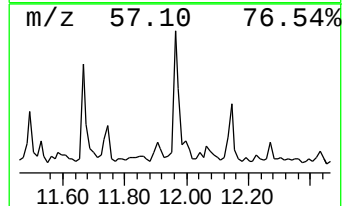
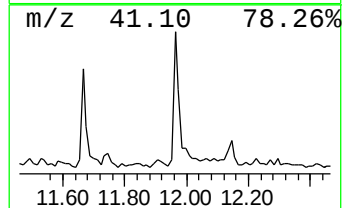
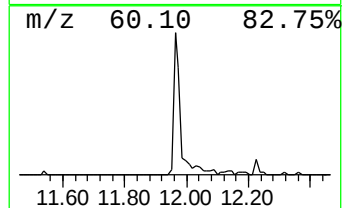
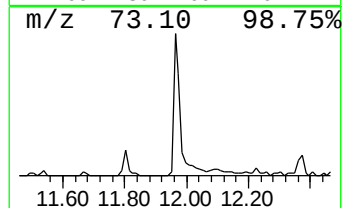
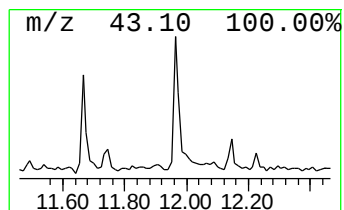
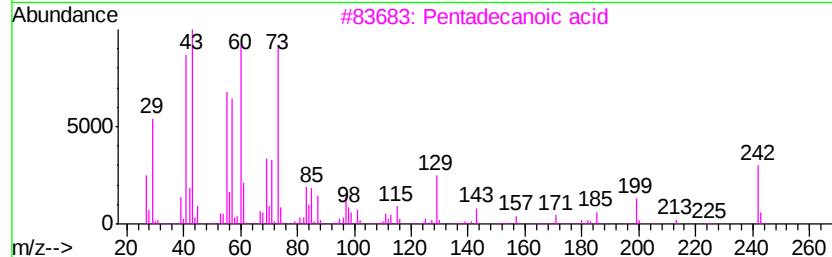
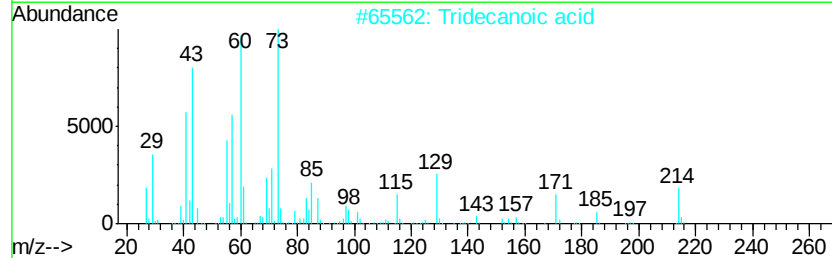
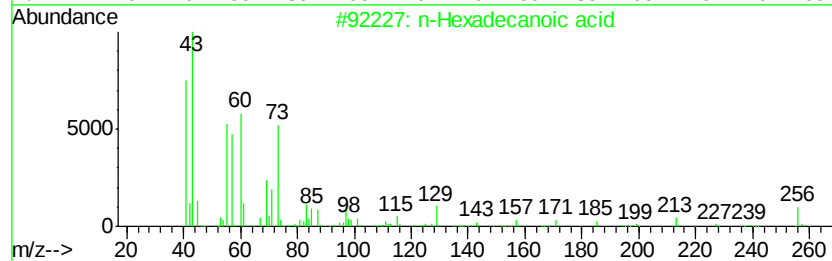
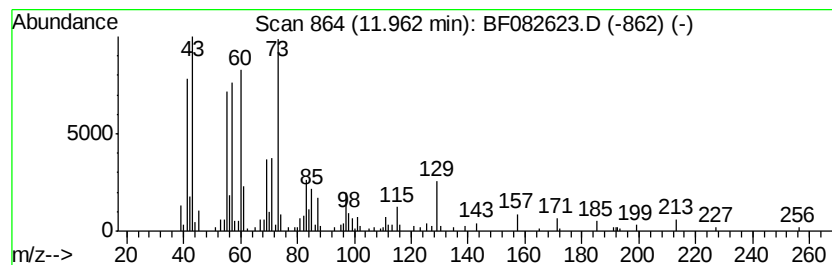
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.14 ng	329800	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Undecanoic acid	186	C11H22O2	000112-37-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

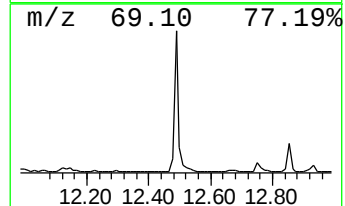
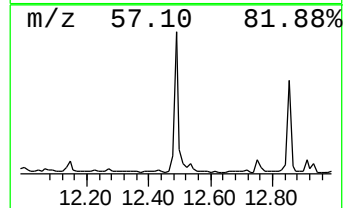
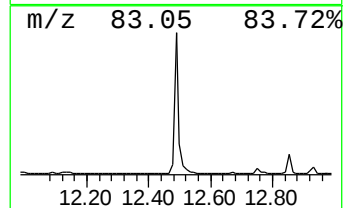
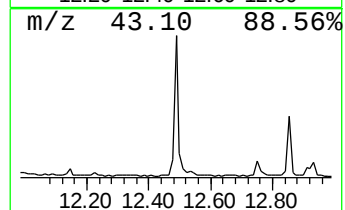
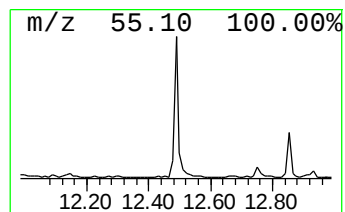
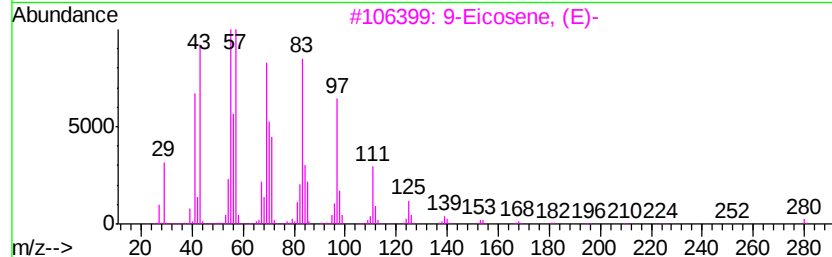
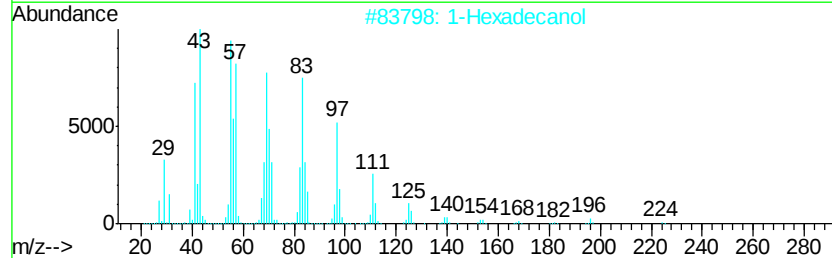
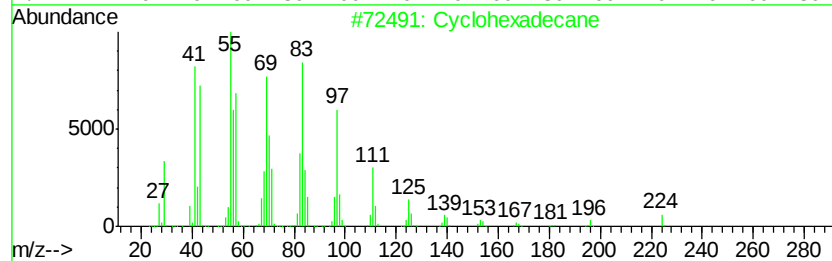
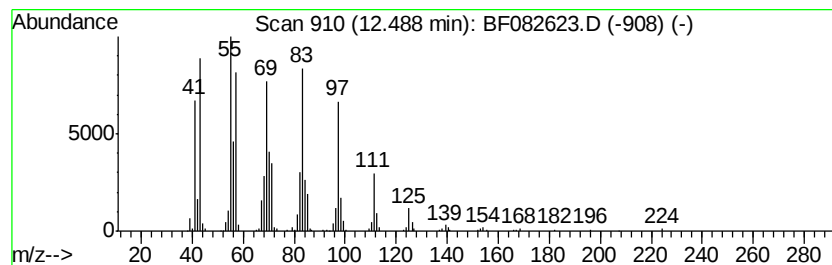
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	11.17 ng	1172650	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	95
2		1-Hexadecanol	242	C16H34O	036653-82-4	94
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

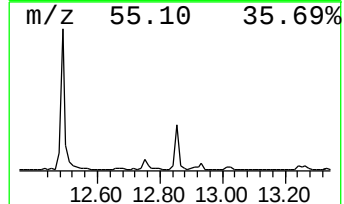
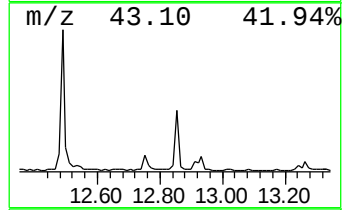
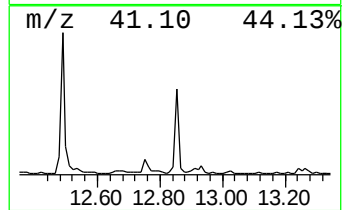
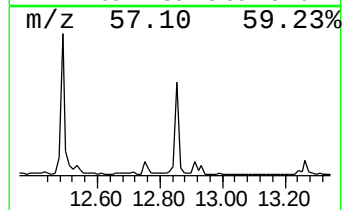
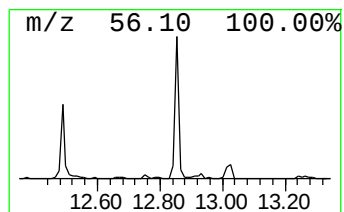
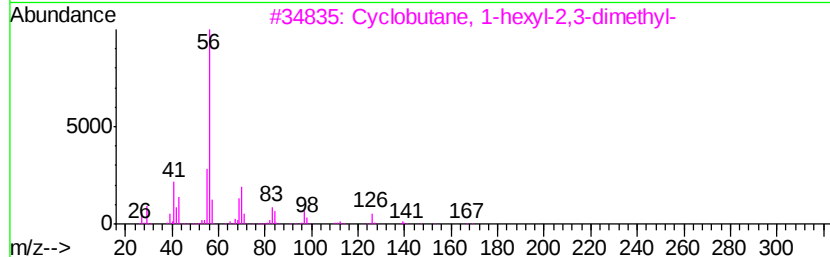
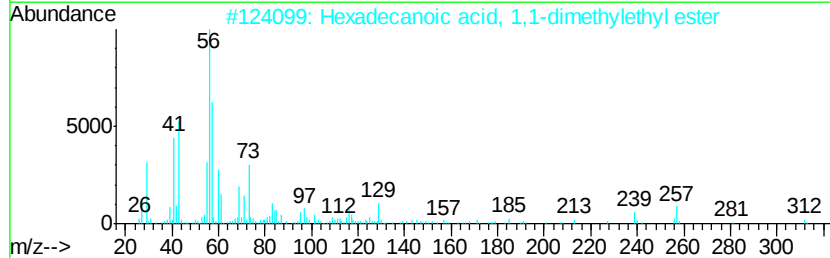
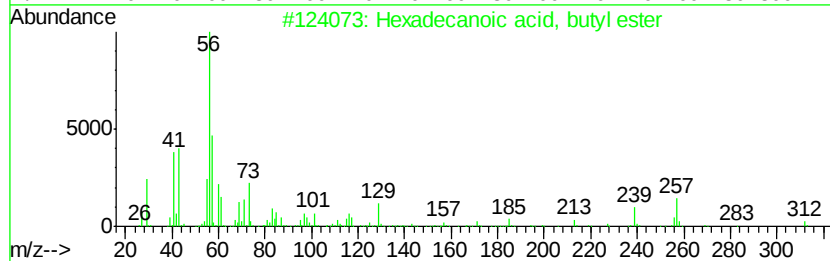
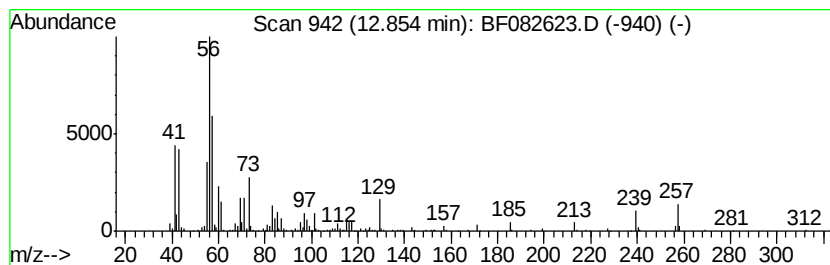
Instrument :
BNA_F
ClientSampleId :
T-22R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.85	7.35 ng	565114	Chrysene-d12	14.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	50
3	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

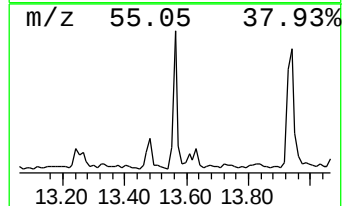
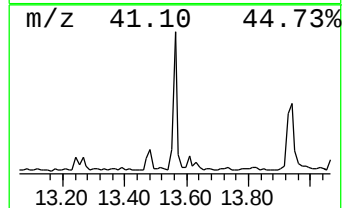
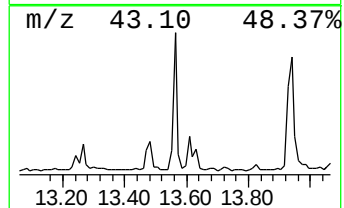
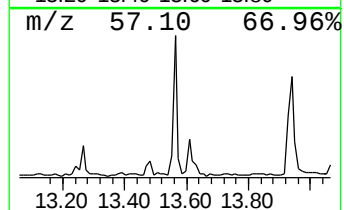
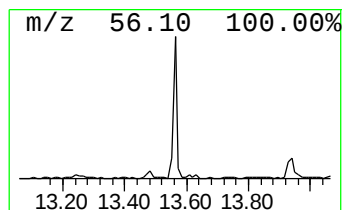
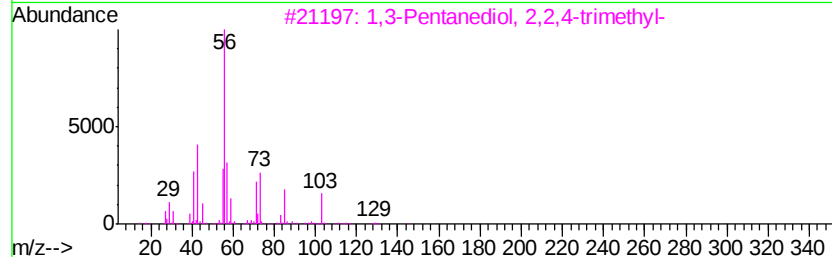
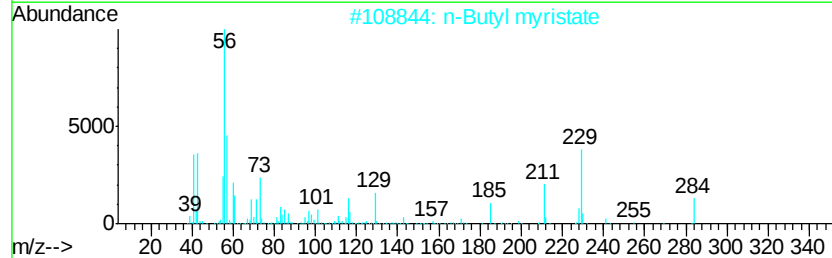
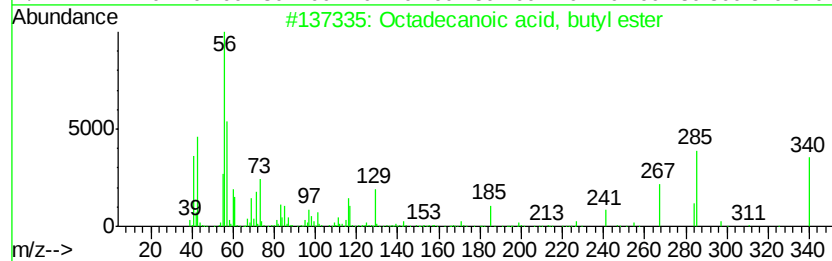
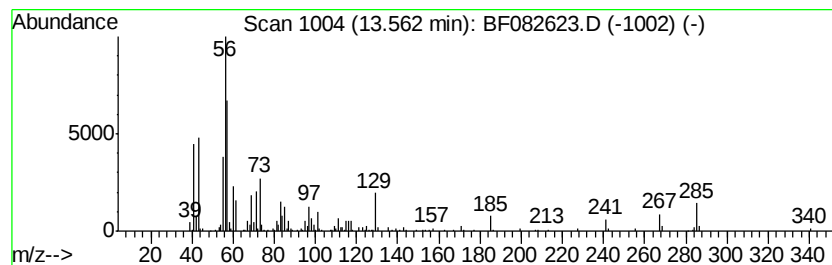
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	5.71 ng	439023	Chrysene-d12	14.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2			n-Butyl myristate	284	C18H36O2	000110-36-1	64
3			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	47
4			Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	40
5			Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

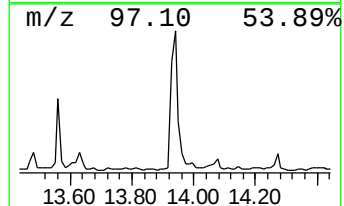
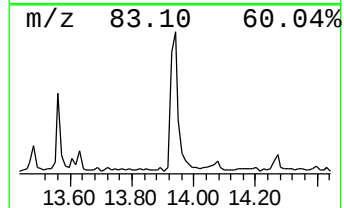
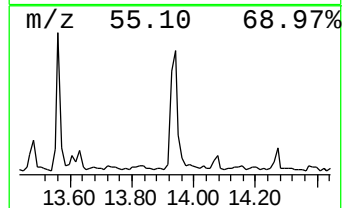
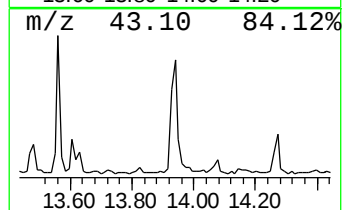
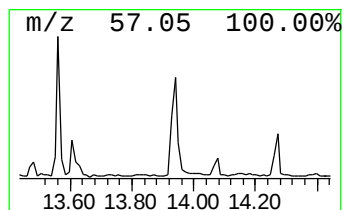
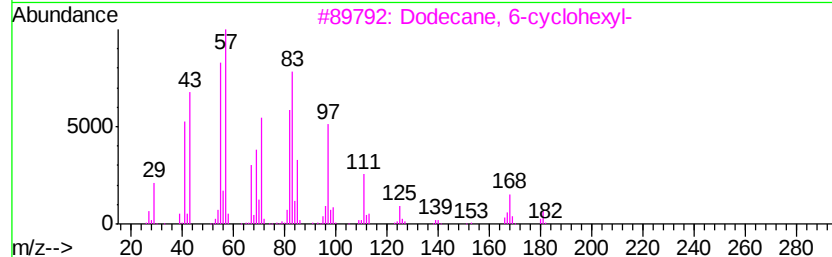
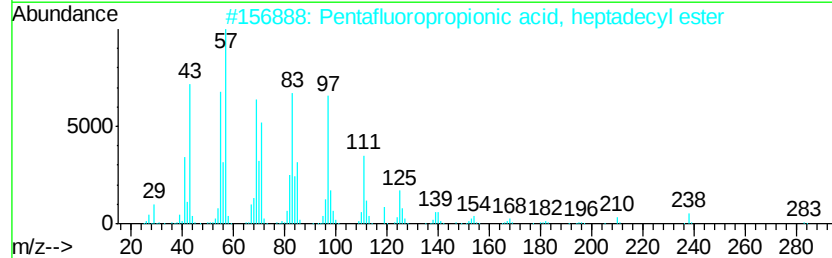
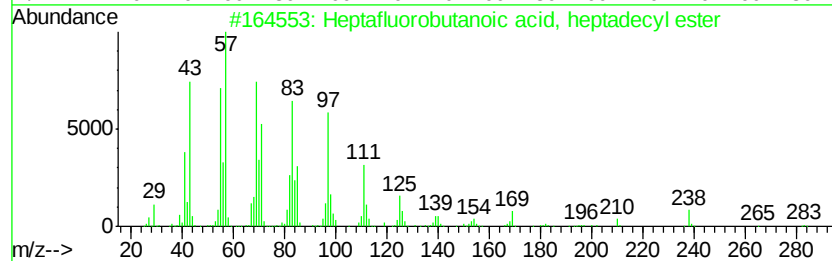
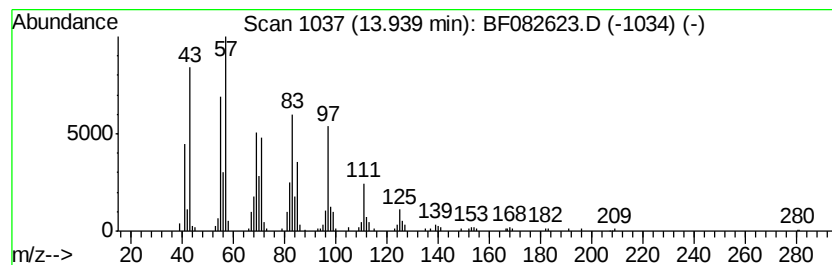
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.00 ng	460944	Chrysene-d12	14.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3		Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

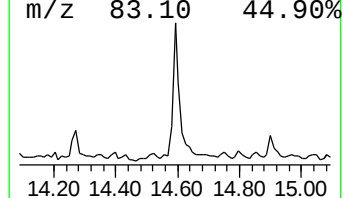
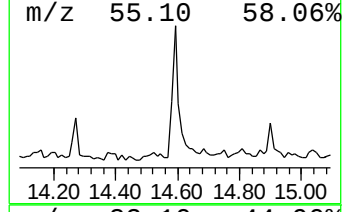
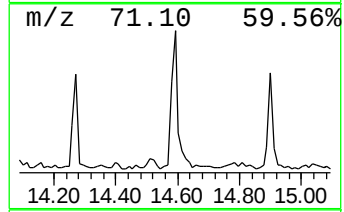
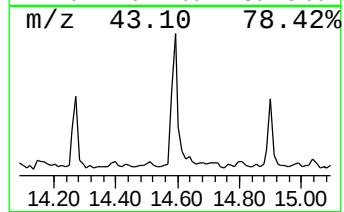
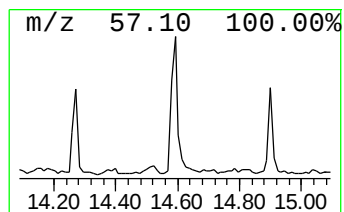
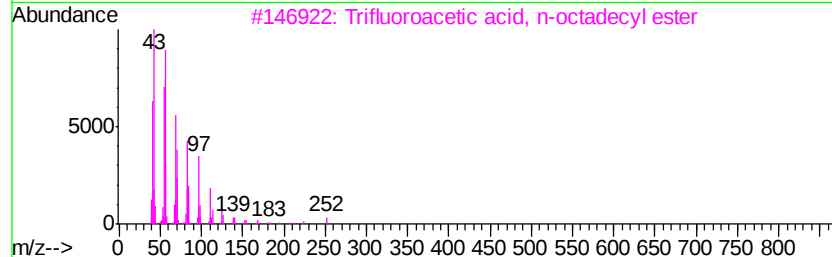
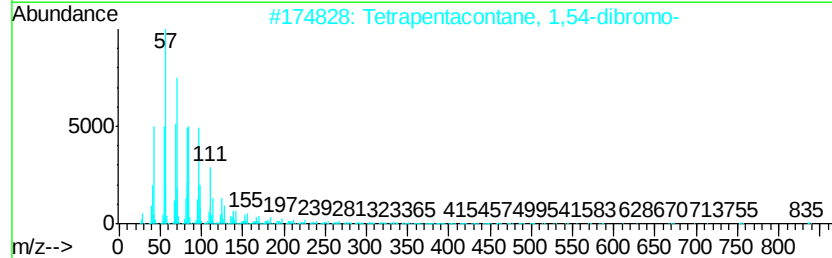
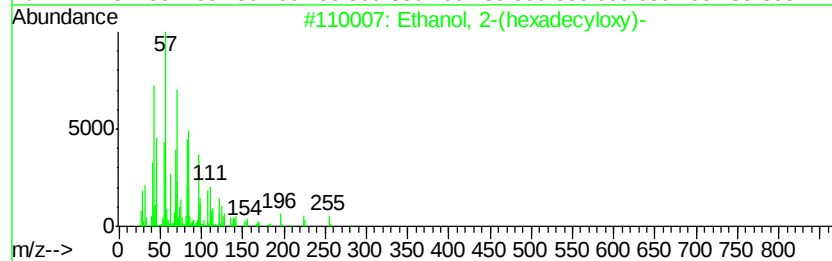
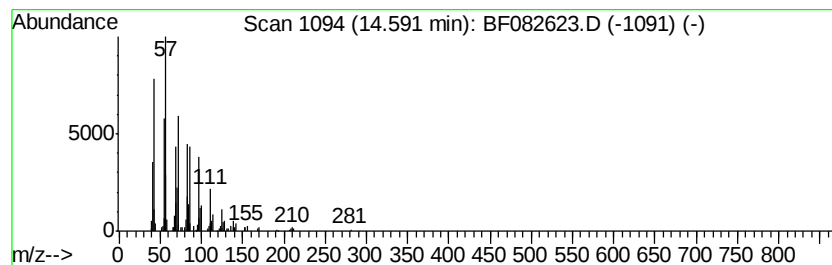
Instrument :
BNA_F
ClientSampleId :
T-22R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanol, 2-(hexadecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.59	4.61 ng	354358	Chrysene-d12	14.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	76
4		17-Pentatriacontene	491	C35H70	006971-40-0	74
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082623.D
Acq On : 31 Oct 2015 16:03
Operator : UM/IZ
Sample : G4200-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-22R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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
2-Pentanone, 4-hy...	5.10	36.8	ng	2732180	1	6.90	1483090	20.0
unknown6.67	6.67	67.5	ng	5007620	1	6.90	1483090	20.0
n-Hexadecanoic acid	11.96	3.1	ng	329800	4	11.44	2099070	20.0
Cyclohexadecane	12.49	11.2	ng	1172650	4	11.44	2099070	20.0
Hexadecanoic acid...	12.85	7.3	ng	565114	5	14.08	1536990	20.0
Octadecanoic acid...	13.56	5.7	ng	439023	5	14.08	1536990	20.0
Heptafluorobutano...	13.94	6.0	ng	460944	5	14.08	1536990	20.0
Ethanol, 2-(hexad...	14.59	4.6	ng	354358	5	14.08	1536990	20.0