

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086645.D
 Acq On : 3 May 2016 15:22
 Operator : UM/SJ
 Sample : H2685-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-2(0-6FTBGS)

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-BF042716.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	4.236	186	188	192	rBV	69189	111413	2.12%	0.195%
2	4.933	247	249	261	rBV	129746	344427	6.56%	0.604%
3	5.344	282	285	288	rBV	4360186	4604036	87.64%	8.077%
4	6.396	373	377	379	rBV	4583111	5228514	99.53%	9.172%
5	6.522	385	388	390	rBV	5061788	5253354	100.00%	9.216%
6	6.750	406	408	410	rBV	1345383	1238282	23.57%	2.172%
7	6.910	419	422	424	rBV	3773897	3978950	75.74%	6.980%
8	7.322	455	458	460	rBV	3207487	3477815	66.20%	6.101%
9	7.425	466	467	474	rVB	64019	92949	1.77%	0.163%
10	7.527	474	476	479	rVB	61452	62924	1.20%	0.110%
11	8.042	518	521	523	rBV	1301741	1591455	30.29%	2.792%
12	8.899	593	596	599	rBV2	39317	63464	1.21%	0.111%
13	9.116	612	615	618	rBV	4613761	4809314	91.55%	8.437%
14	9.516	647	650	652	rBV	816239	838115	15.95%	1.470%
15	9.733	667	669	671	rBV	142707	121342	2.31%	0.213%
16	9.790	671	674	676	rBV	1966136	1819445	34.63%	3.192%
17	10.225	708	712	714	rBV2	150003	276751	5.27%	0.486%
18	10.442	728	731	734	rBV2	94877	178295	3.39%	0.313%
19	10.579	740	743	745	rBV	2952314	3142897	59.83%	5.514%
20	10.636	745	748	752	rVV3	73118	215442	4.10%	0.378%
21	10.705	752	754	760	rVB	246820	339221	6.46%	0.595%
22	10.899	768	771	773	rBV2	26545	59774	1.14%	0.105%
23	11.151	789	793	794	rBV	147364	153579	2.92%	0.269%
24	11.173	794	795	799	rVB	43553	59557	1.13%	0.104%
25	11.265	801	803	808	rVV2	1198262	1686647	32.11%	2.959%
26	11.334	808	809	812	rVB2	63740	92257	1.76%	0.162%
27	11.505	821	824	828	rBV5	38309	101575	1.93%	0.178%
28	11.574	828	830	834	rVB	59280	71554	1.36%	0.126%
29	11.814	848	851	853	rBV	751274	788453	15.01%	1.383%
30	11.882	855	857	862	rVB2	81620	144662	2.75%	0.254%
31	12.065	871	873	874	rBV	68404	74020	1.41%	0.130%
32	12.328	893	896	899	rBV2	54736	137019	2.61%	0.240%
33	12.408	901	903	906	rVB4	31652	53431	1.02%	0.094%
34	12.476	906	909	911	rBV	685286	708979	13.50%	1.244%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086645.D
 Acq On : 3 May 2016 15:22
 Operator : UM/SJ
 Sample : H2685-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-2(0-6FTBGS)

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-BF042716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.522	911	913	918	rVB4	28635	59919	1.14%	0.105%
36	12.591	918	919	926	rVB2	147392	231217	4.40%	0.406%
37	12.705	926	929	931	rBV	473638	595970	11.34%	1.046%
38	12.762	931	934	936	rVB3	43997	80481	1.53%	0.141%
39	12.854	940	942	945	rBV	3060582	3503831	66.70%	6.147%
40	13.037	954	958	960	rVB	40450	76160	1.45%	0.134%
41	13.094	961	963	965	rVB3	52757	67498	1.28%	0.118%
42	13.139	965	967	968	rBV	46112	63867	1.22%	0.112%
43	13.391	987	989	991	rBV	45365	52771	1.00%	0.093%
44	13.551	1001	1003	1005	rBV2	53908	65765	1.25%	0.115%
45	13.768	1019	1022	1030	rBV2	279079	636539	12.12%	1.117%
46	13.905	1030	1034	1041	rBV2	854462	1659622	31.59%	2.911%
47	14.385	1074	1076	1082	rBV4	94810	269266	5.13%	0.472%
48	14.557	1088	1091	1095	rBV	590234	737672	14.04%	1.294%
49	14.751	1106	1108	1112	rVB2	93688	117393	2.23%	0.206%
50	14.820	1112	1114	1116	rVB2	104777	136784	2.60%	0.240%
51	14.900	1119	1121	1126	rBV	187604	412580	7.85%	0.724%
52	14.991	1127	1129	1131	rBV2	286382	372833	7.10%	0.654%
53	15.174	1143	1145	1148	rVB	119585	192951	3.67%	0.338%
54	15.242	1148	1151	1153	rVB	124893	196709	3.74%	0.345%
55	15.300	1153	1156	1162	rVB	683938	1022103	19.46%	1.793%
56	15.517	1173	1175	1178	rVB	135921	198735	3.78%	0.349%
57	15.734	1191	1194	1197	rBV	474130	671445	12.78%	1.178%
58	15.791	1197	1199	1203	rVV2	76908	157750	3.00%	0.277%
59	16.454	1254	1257	1266	rVB2	87839	207378	3.95%	0.364%
60	16.671	1272	1276	1279	rBV	842766	1521899	28.97%	2.670%
61	16.808	1284	1288	1293	rBV6	54517	232187	4.42%	0.407%
62	17.025	1303	1307	1315	rVB2	107882	346037	6.59%	0.607%
63	17.163	1315	1319	1329	rBV3	103022	406229	7.73%	0.713%
64	17.928	1382	1386	1394	rVV3	154142	475078	9.04%	0.833%
65	18.077	1395	1399	1405	rVB3	95087	314386	5.98%	0.552%

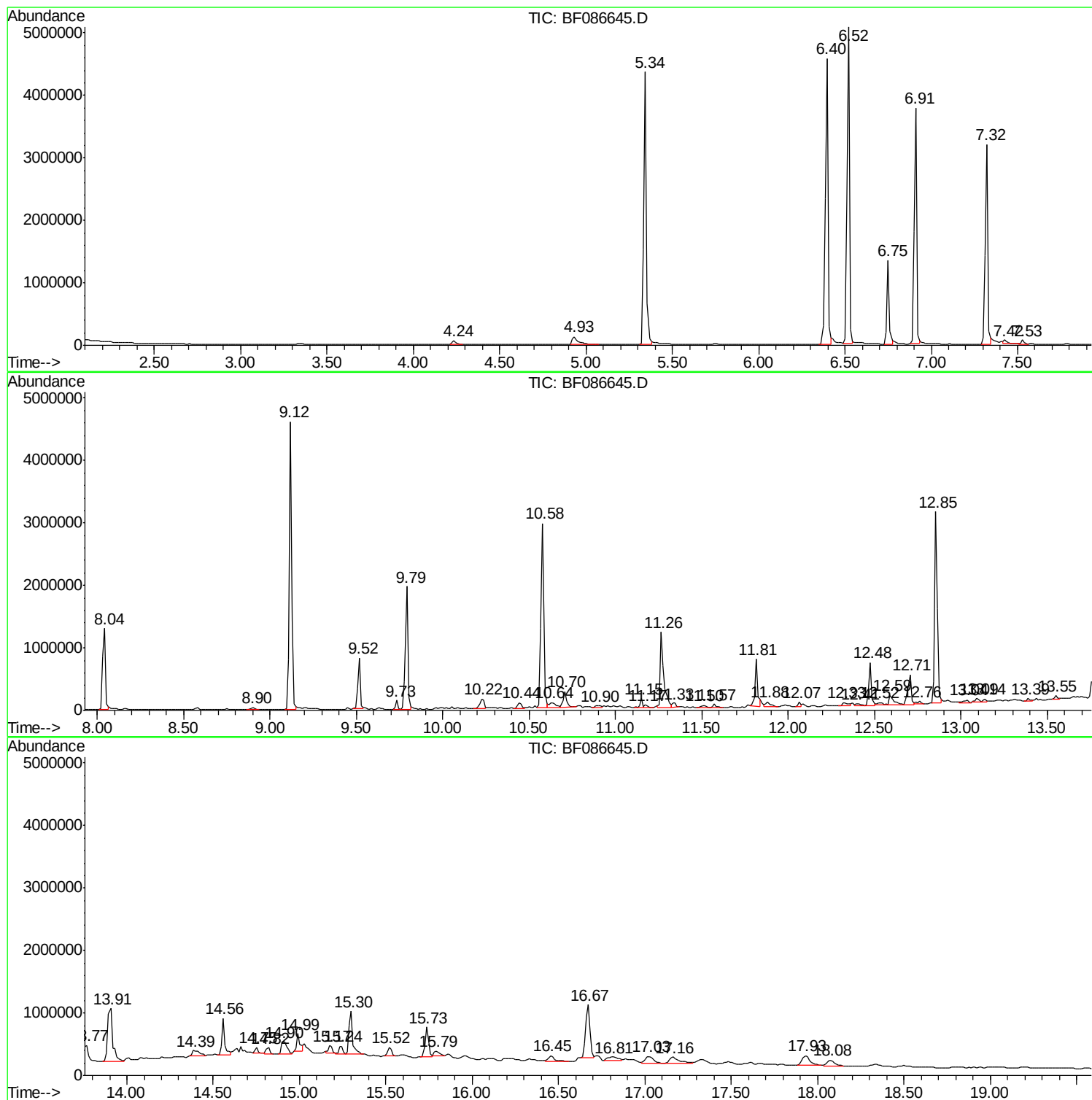
Sum of corrected areas: 57002967

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

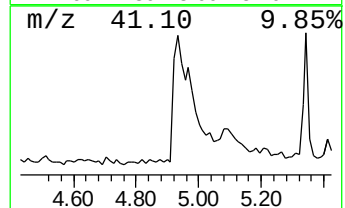
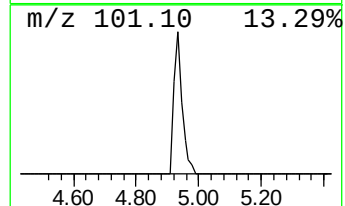
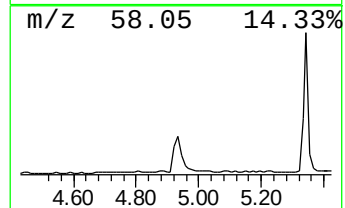
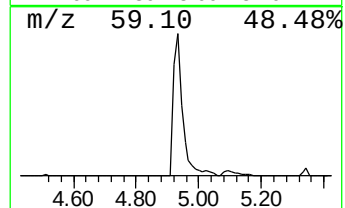
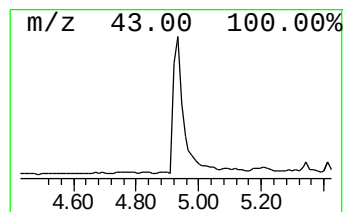
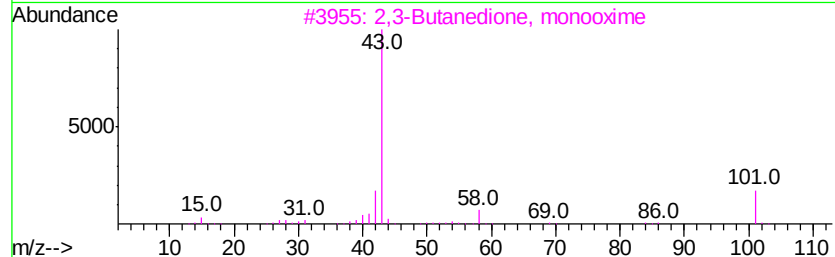
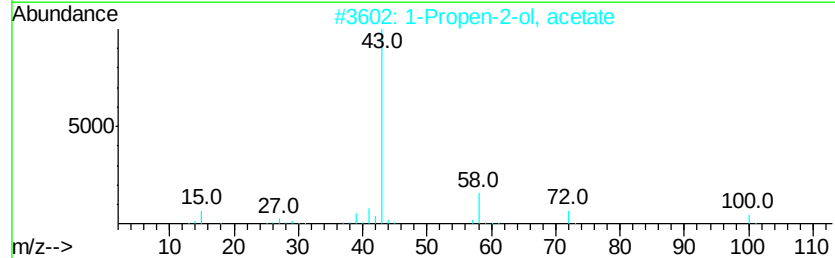
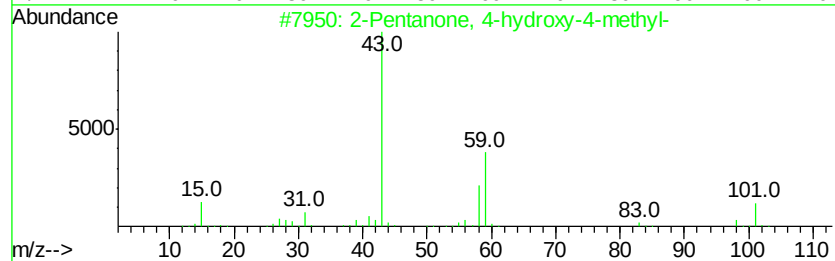
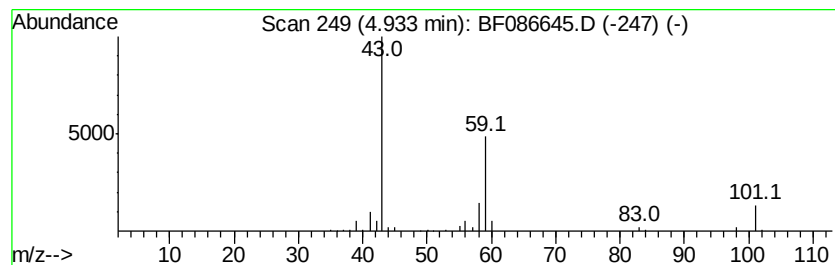
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.93	5.56 ng	344427	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
5	Methyl acetoxymacetate	132	C5H8O4	005837-80-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

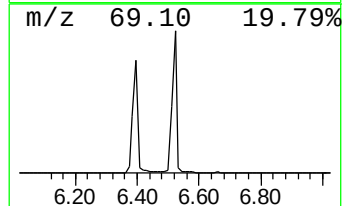
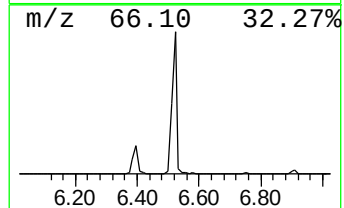
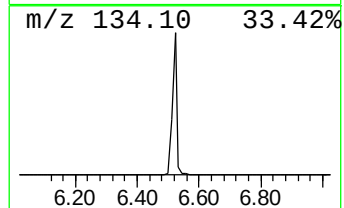
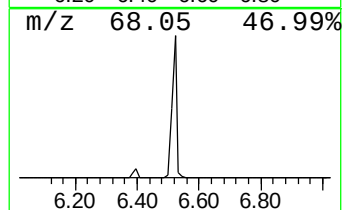
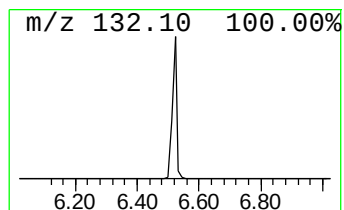
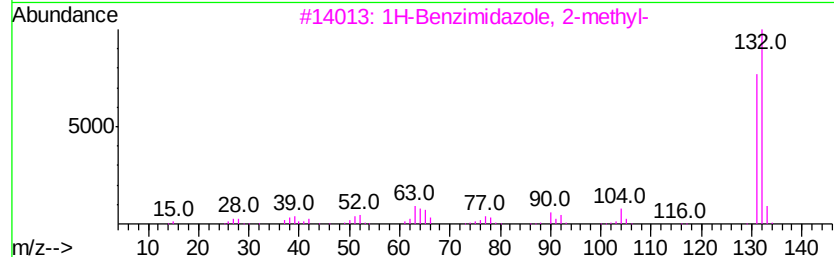
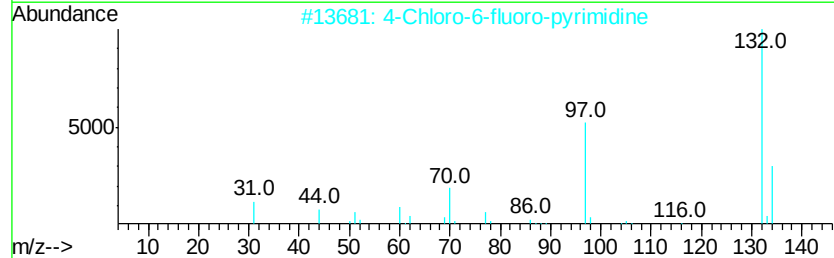
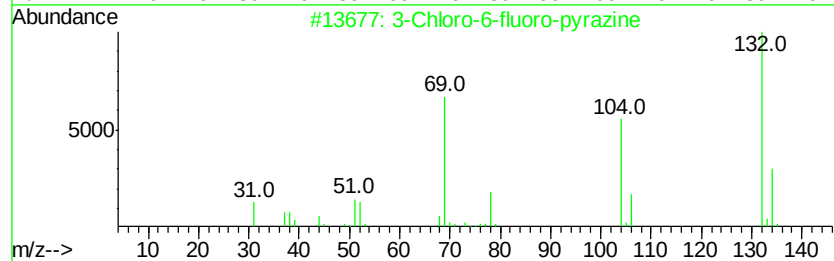
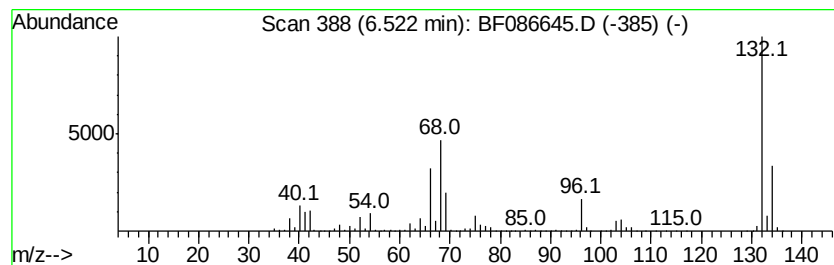
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	84.85 ng	5253350	1,4-Dichlorobenzene-d4	6.75

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		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

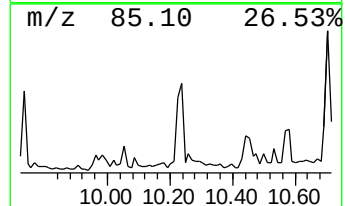
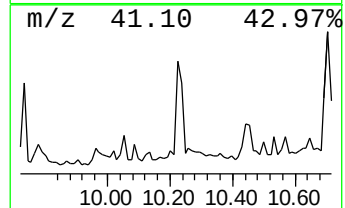
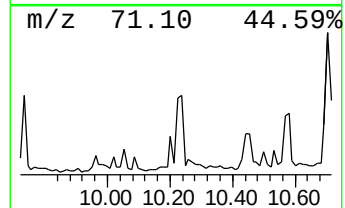
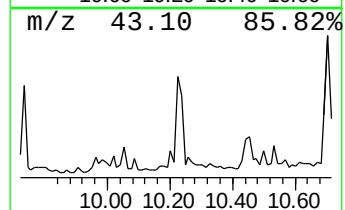
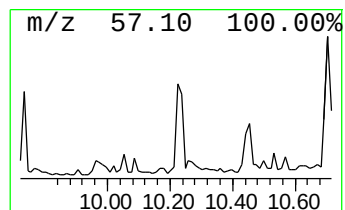
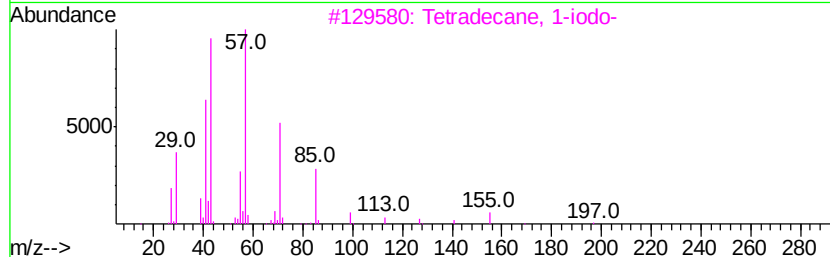
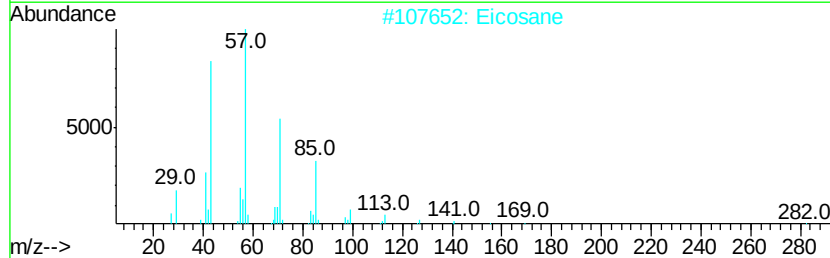
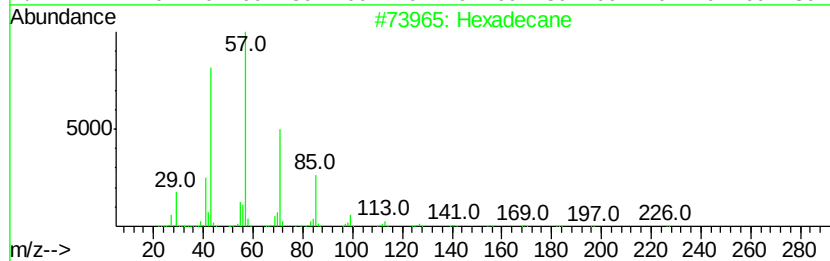
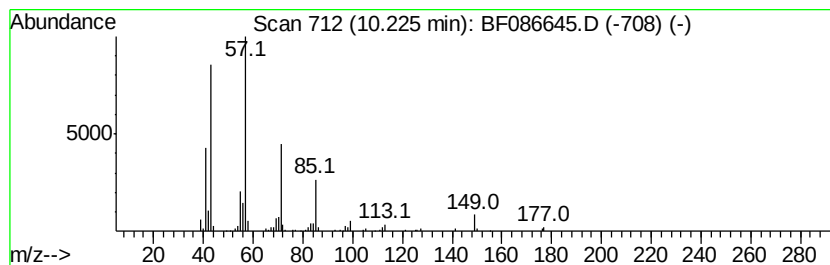
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	3.04 ng	276751	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Eicosane	282 C20H42	000112-95-8	90
3	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	86
4	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	78
5	Pentadecane	212 C15H32	000629-62-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

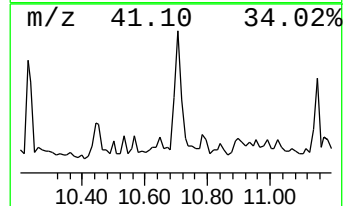
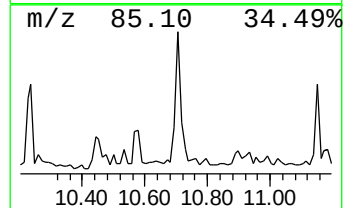
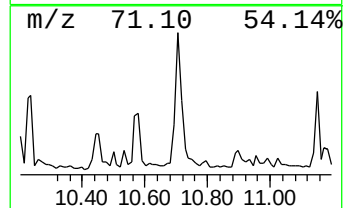
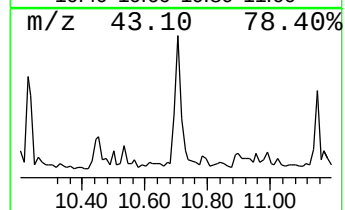
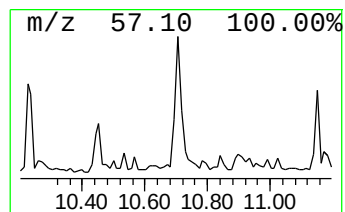
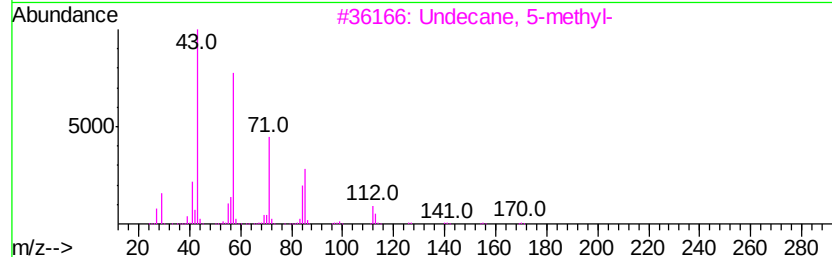
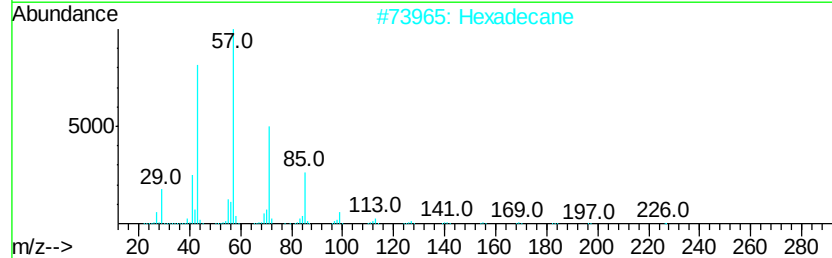
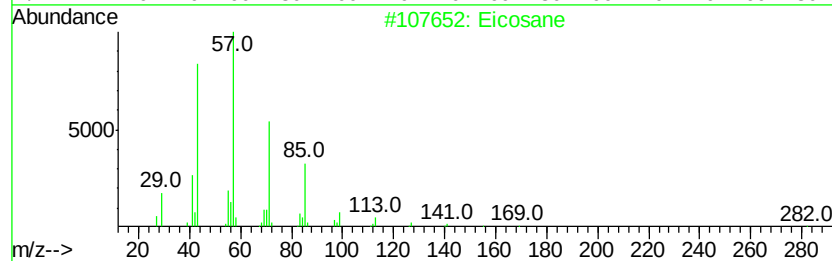
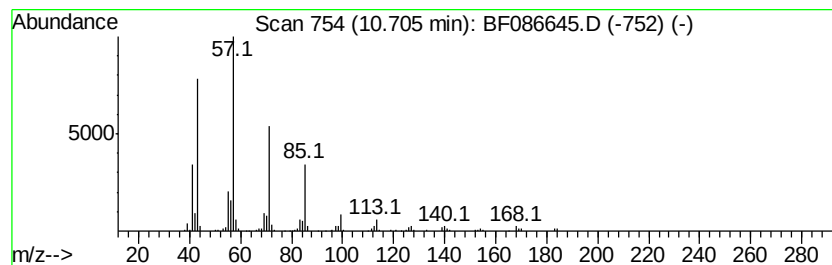
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	4.02 ng	339221	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	90
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	87
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

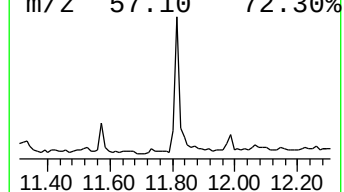
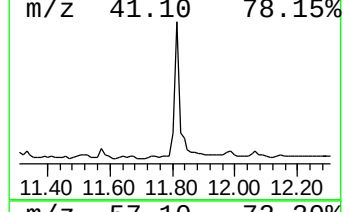
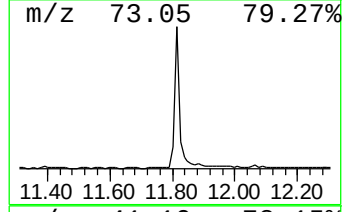
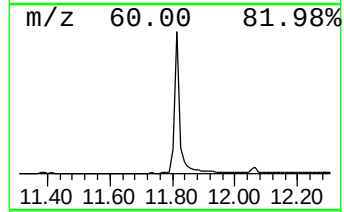
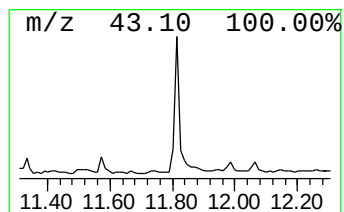
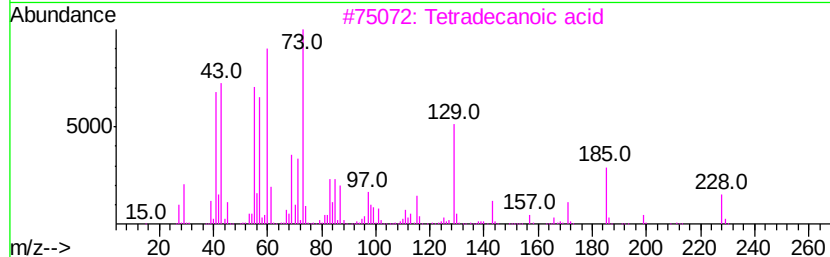
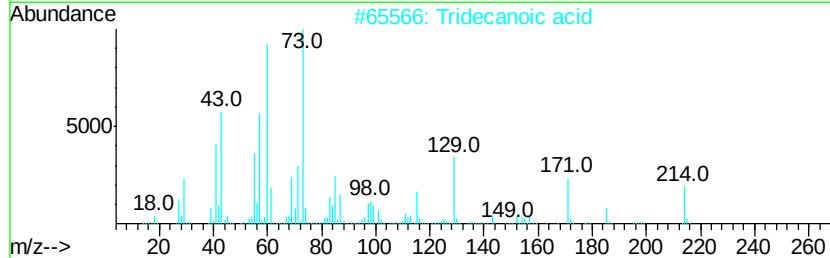
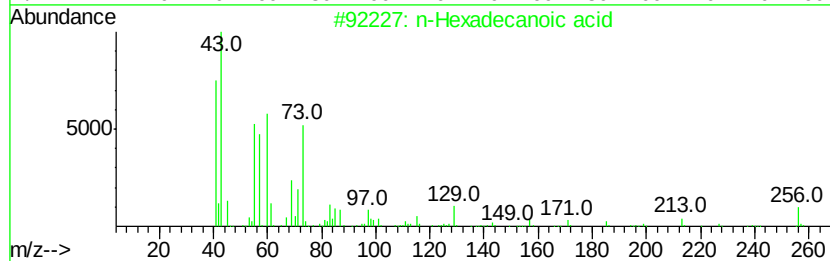
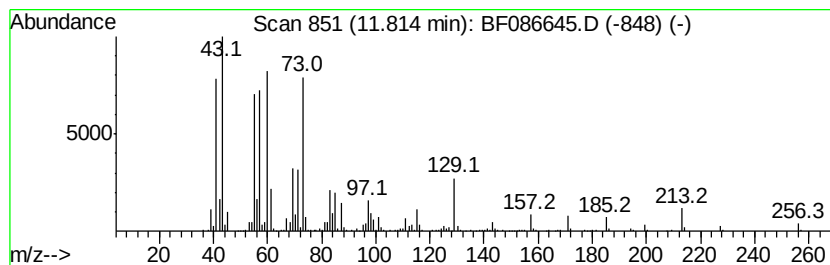
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	9.35 ng	788453	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

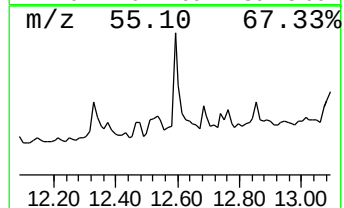
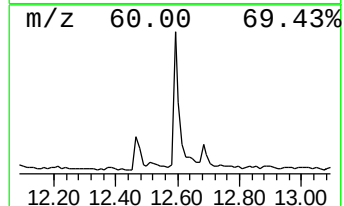
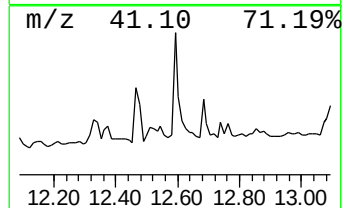
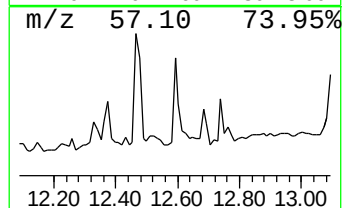
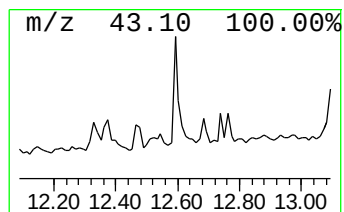
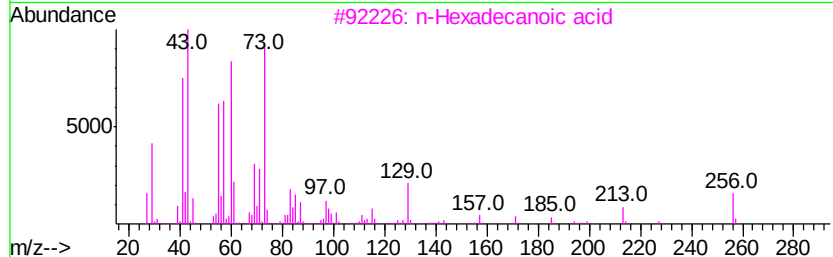
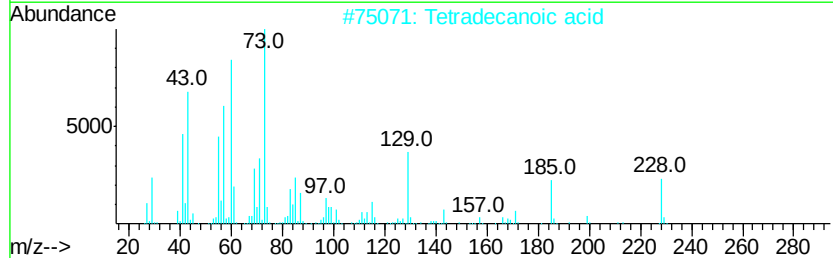
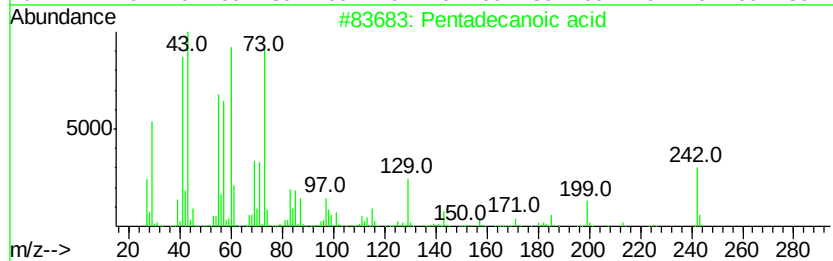
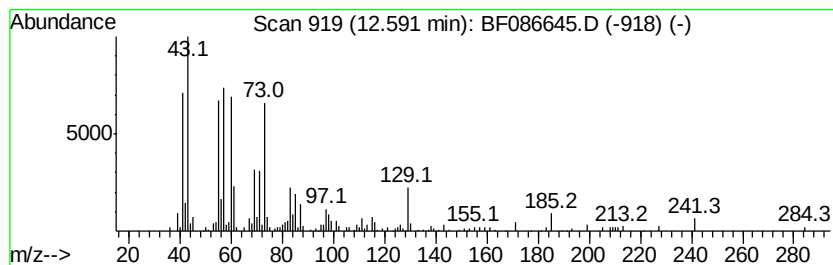
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.59	2.79 ng	231217	Chrysene-d12	13.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

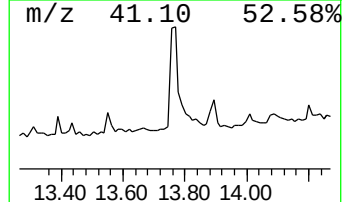
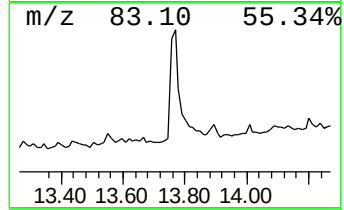
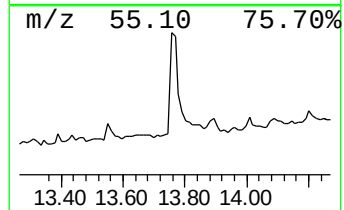
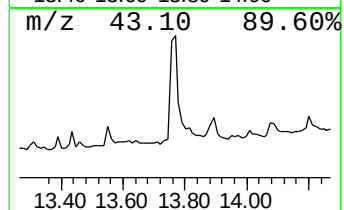
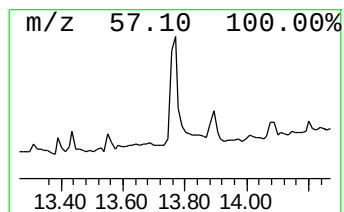
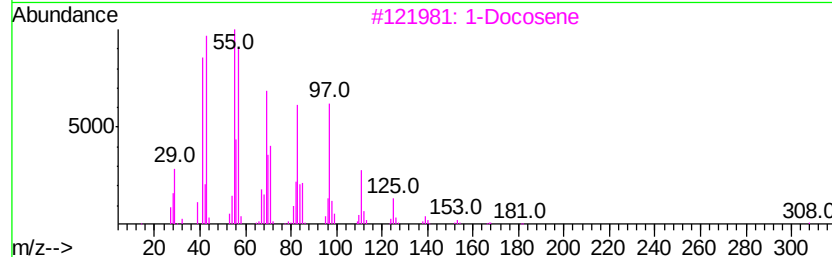
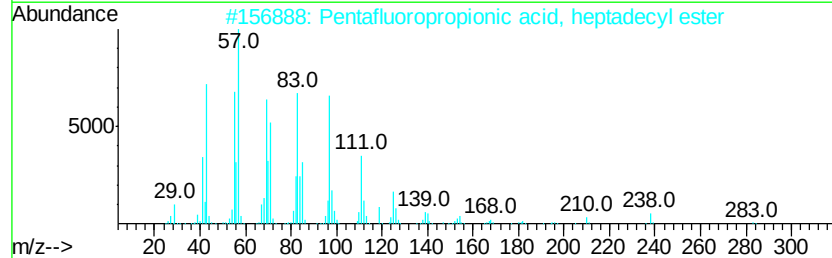
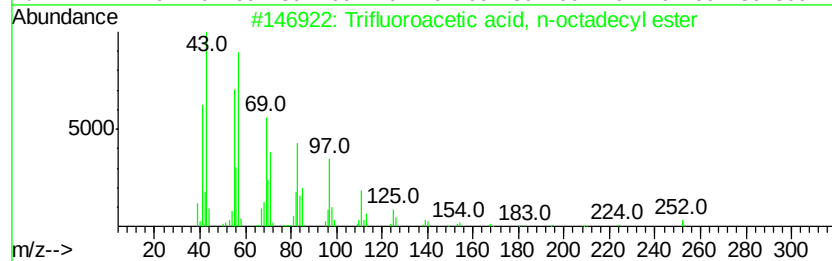
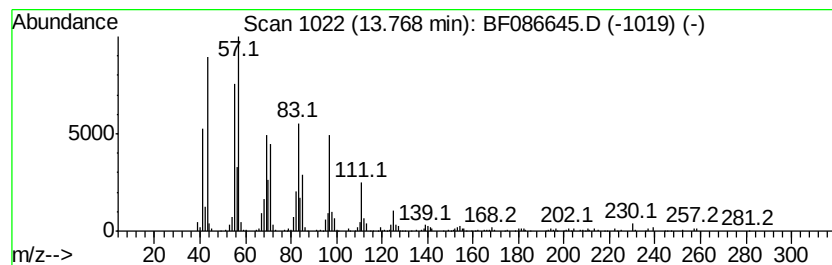
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trifluoroacetic acid, n-oct... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.67 ng	636539	Chrysene-d12	13.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3		1-Docosene	308	C22H44	001599-67-3	81
4		17-Pentatriacontene	491	C35H70	006971-40-0	68
5		9-Nonadecene	266	C19H38	031035-07-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

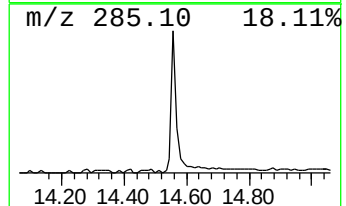
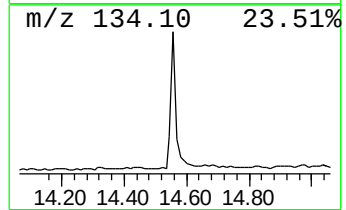
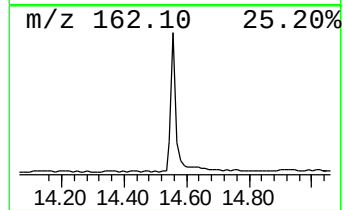
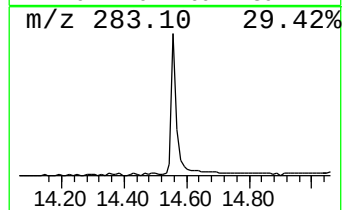
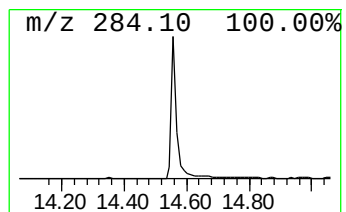
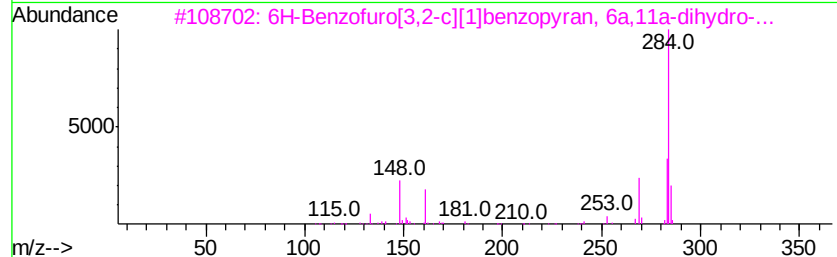
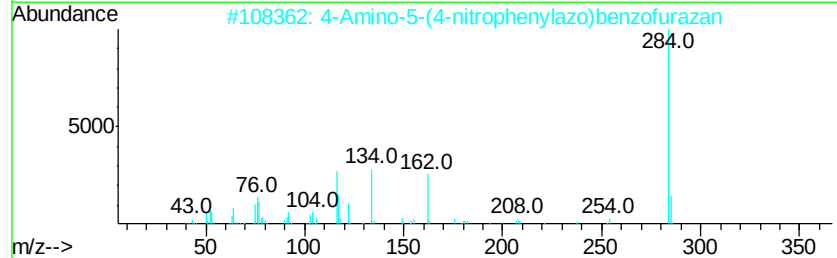
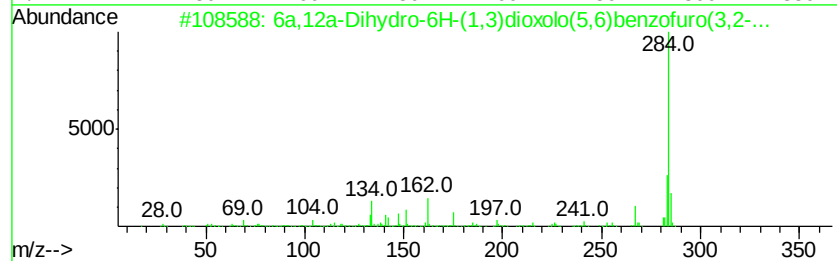
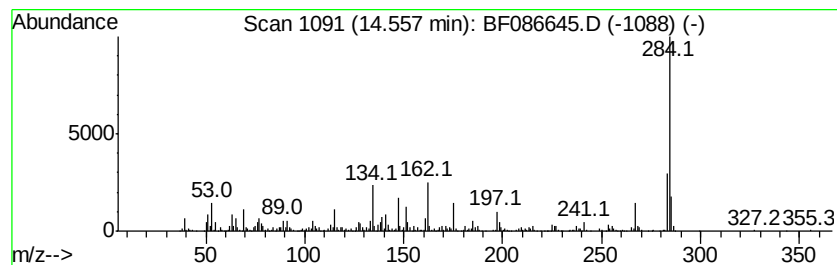
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.89 ng	737672	Chrysene-d12	13.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	022091-18-5	94
2		4-Amino-5-(4-nitrophenylazo)benz...	284	C12H8N6O3	166766-07-0	52
3		6H-Benzofuro[3,2-c][1]benzopyran...	284	C17H16O4	000606-91-7	49
4		Benzofuran-3-one, 2-[3-hydroxy-4...	284	C16H12O5	1000128-62-8	46
5		3-Hydroxy-2-(4-hydroxy-3-methoxy...	284	C16H12O5	159184-95-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

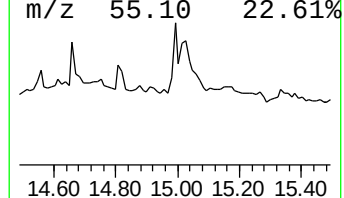
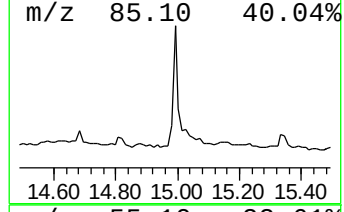
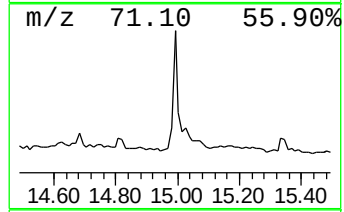
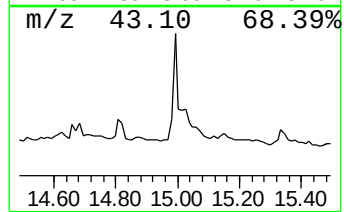
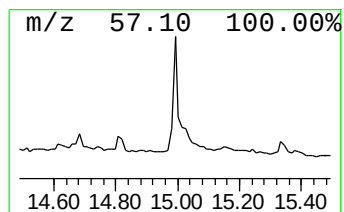
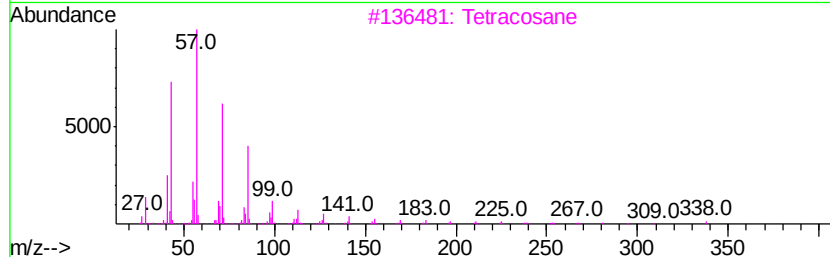
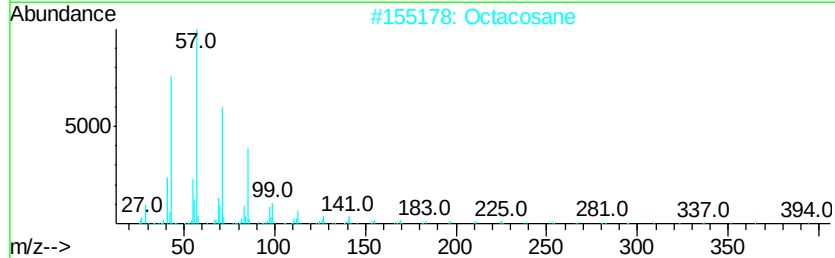
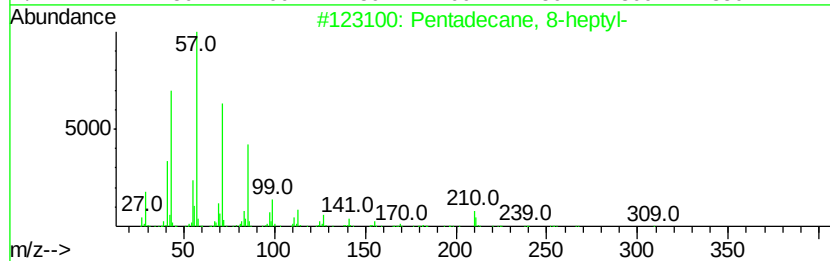
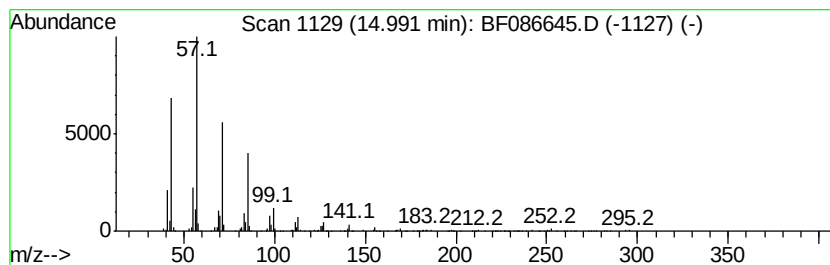
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	7.30 ng	372833	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

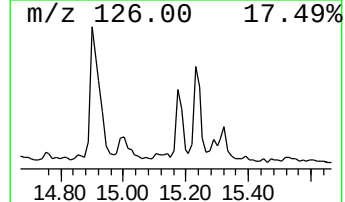
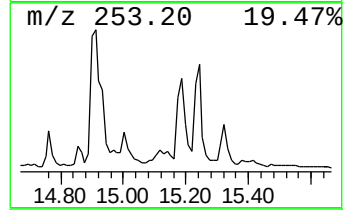
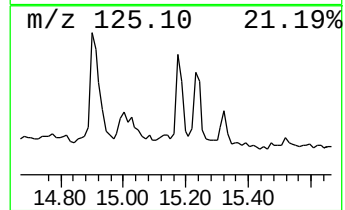
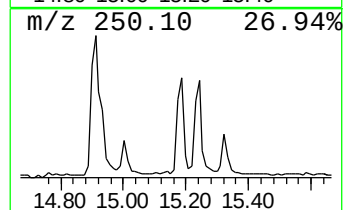
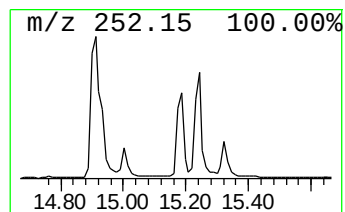
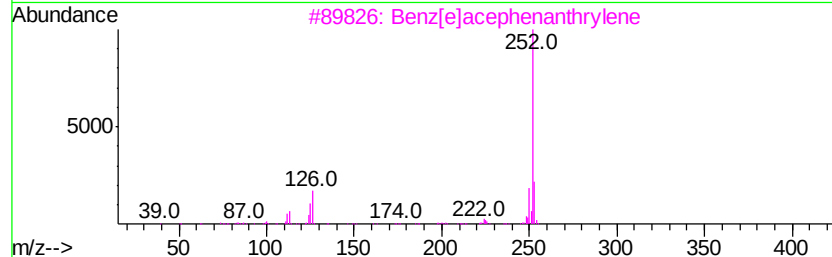
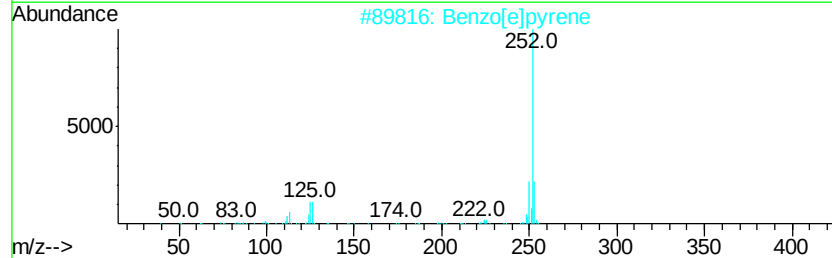
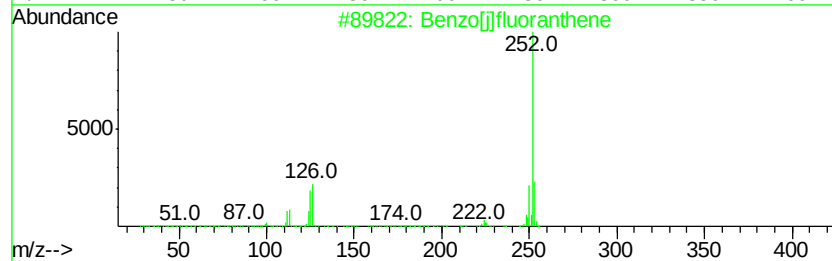
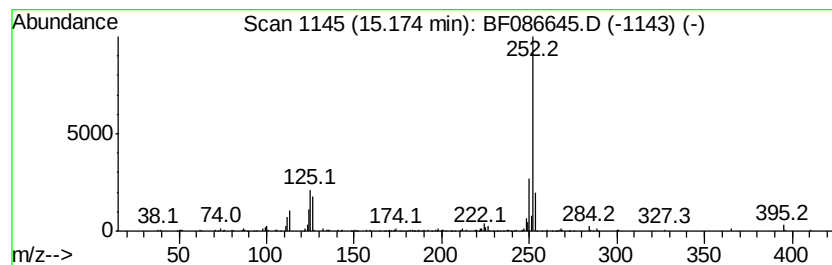
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[j]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.78 ng	192951	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[i]fluoranthene	252	C20H12	000205-82-3	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	97
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

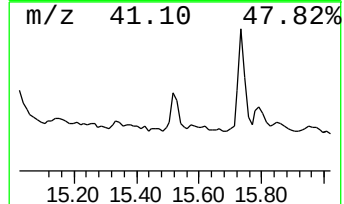
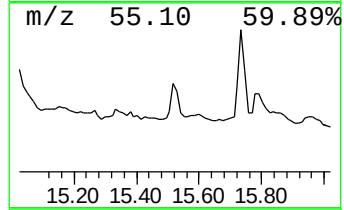
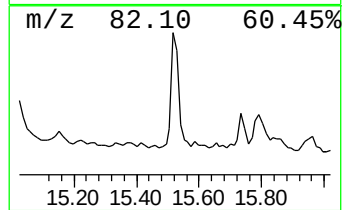
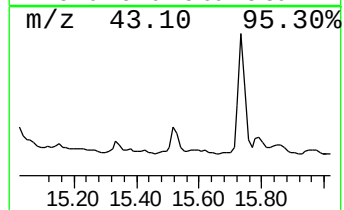
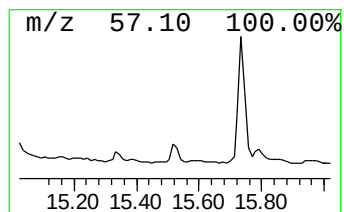
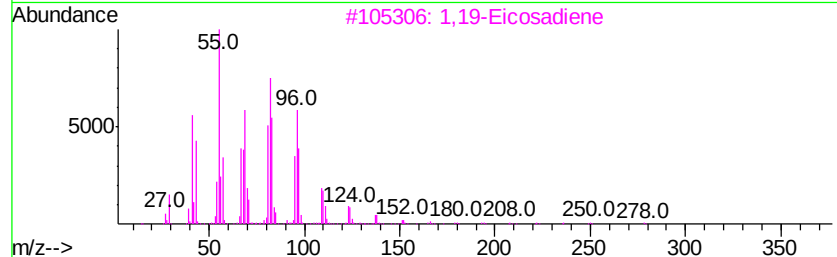
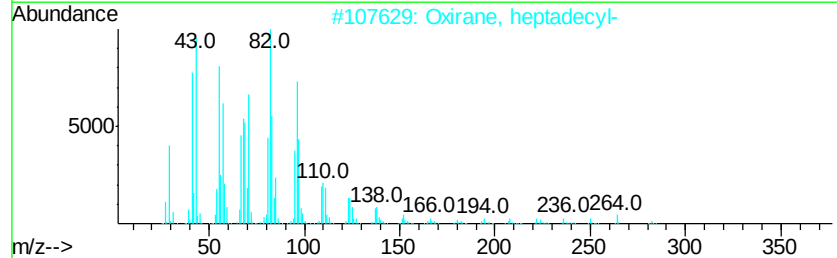
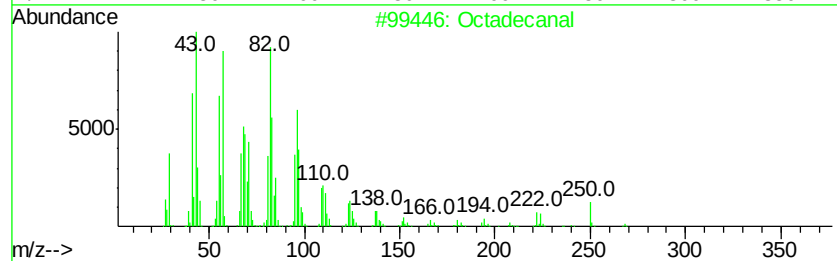
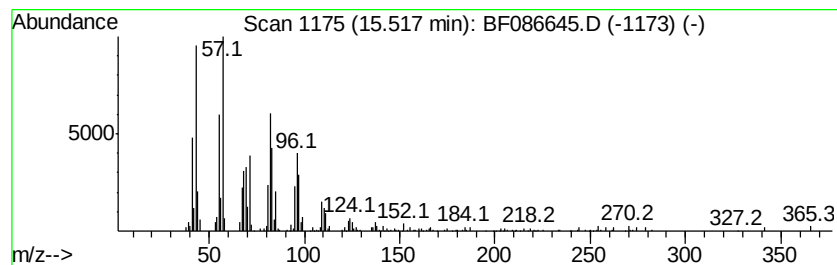
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.89 ng	198735	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3		1,19-Eicosadiene	278	C20H38	014811-95-1	89
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
5		Undecane, 1-bromo-	234	C11H23Br	000693-67-4	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

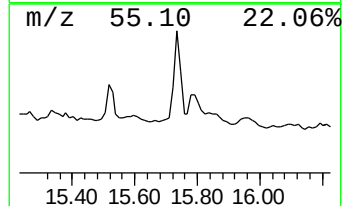
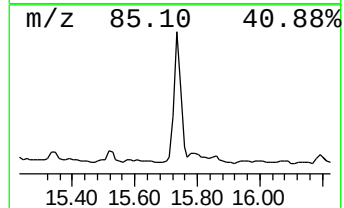
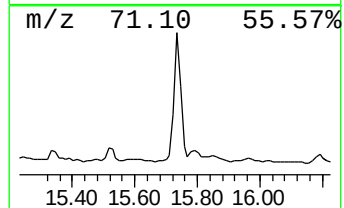
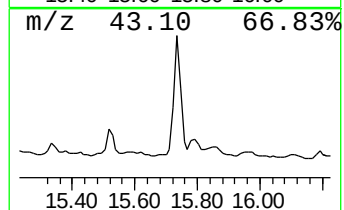
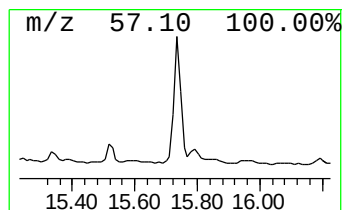
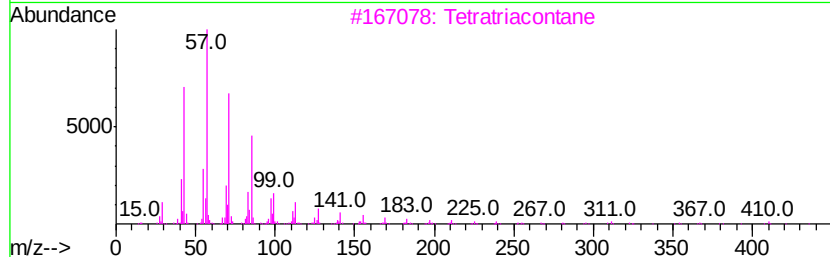
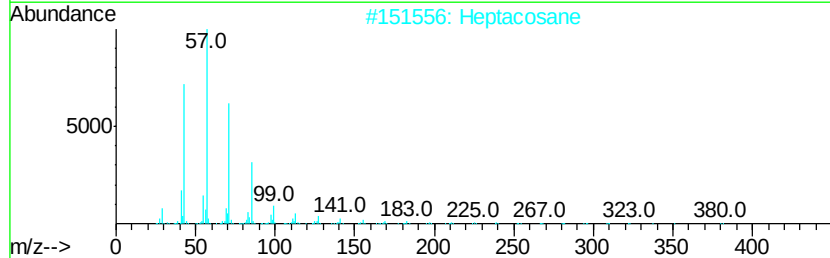
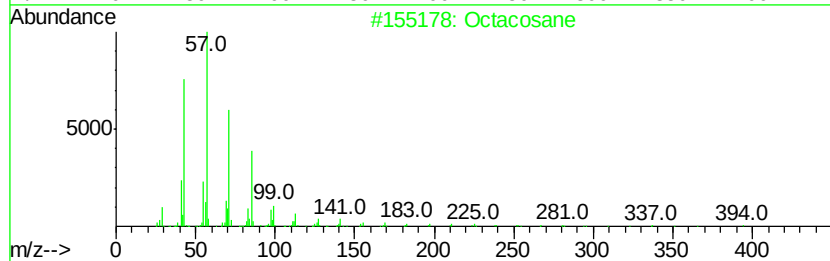
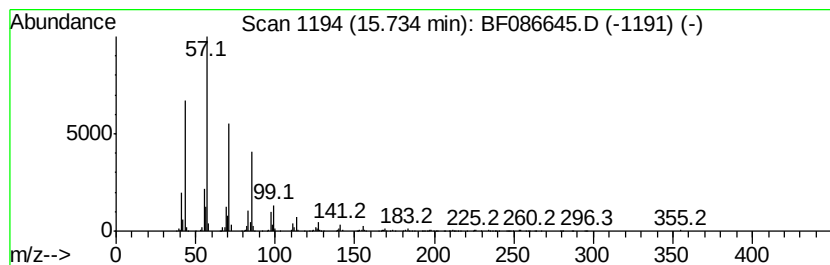
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	13.14 ng	671445	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

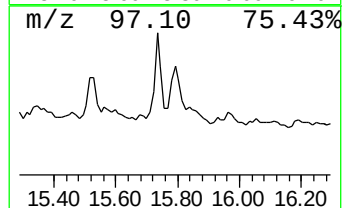
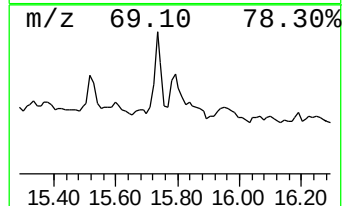
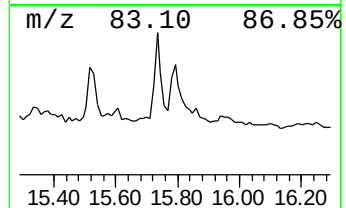
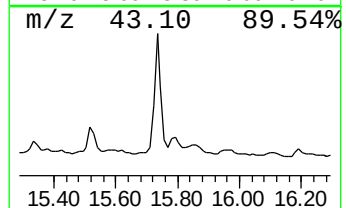
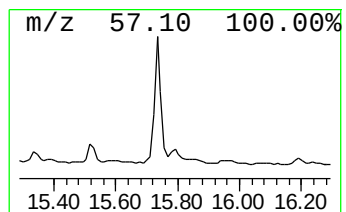
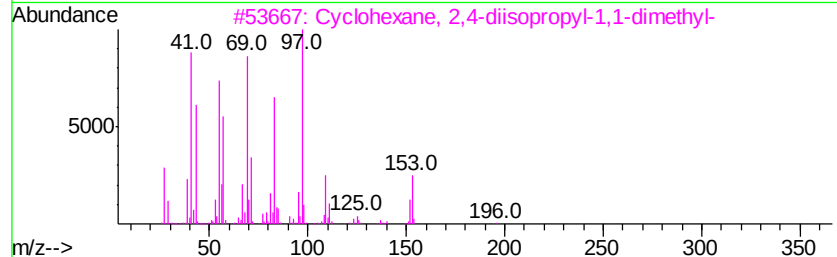
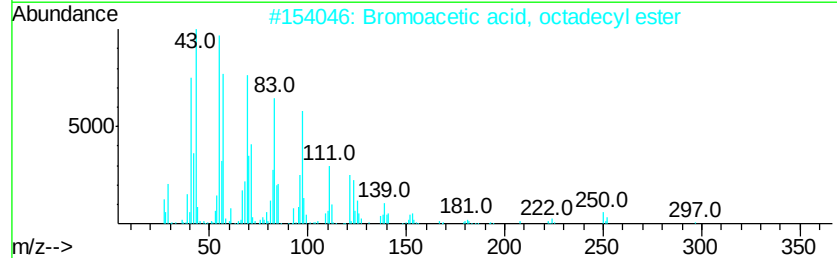
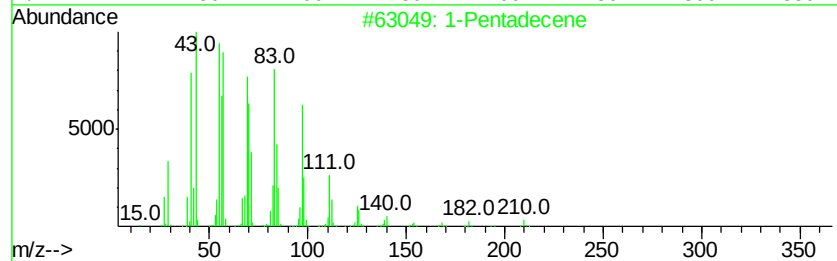
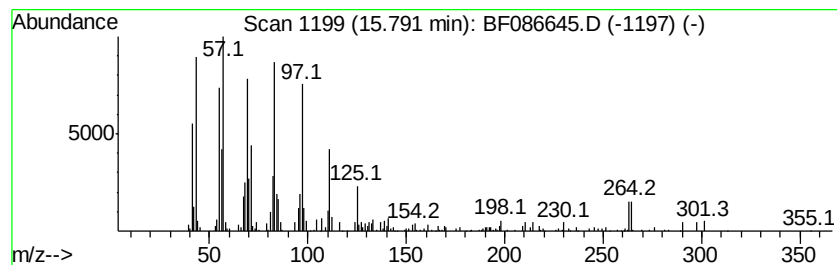
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Pentadecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	3.09 ng	157750	Perylene-d12	15.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Pentadecene		210 C15H30	013360-61-7 62
2	Bromoacetic acid, octadecyl ester		390 C20H39BrO2	018992-03-5 46
3	Cyclohexane, 2,4-diisopropyl-1,1...		196 C14H28	1000149-60-5 46
4	2-Heptafluorobutyroxy-pentadecane		424 C19H31F7O2	1000245-50-0 43
5	17-Pentatriacontene		491 C35H70	006971-40-0 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

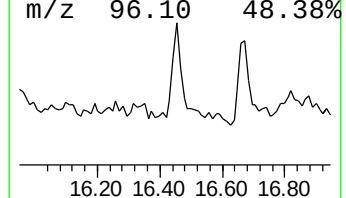
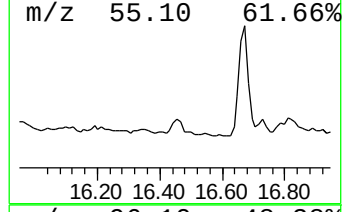
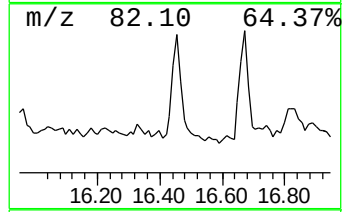
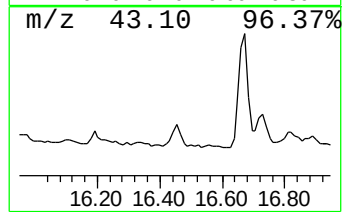
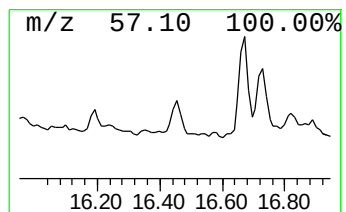
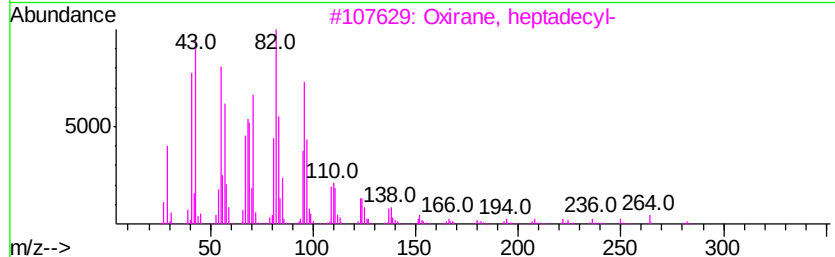
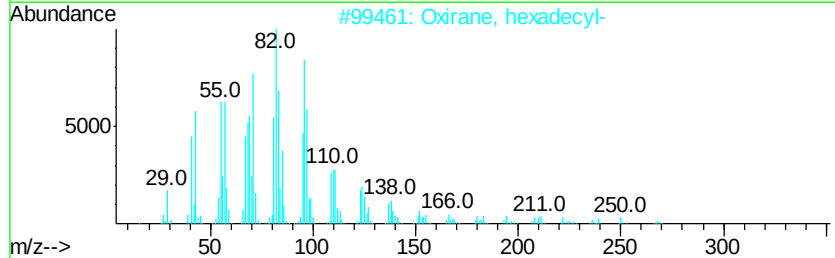
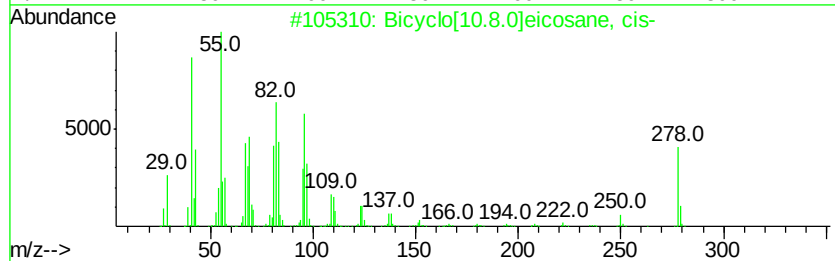
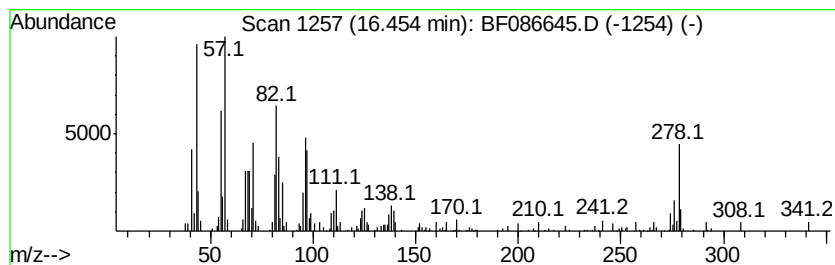
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	4.06 ng	207378	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	53
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	47
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	45
4		1,19-Eicosadiene	278	C20H38	014811-95-1	43
5		Cyclododecanemethanol	198	C13H26O	001892-12-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

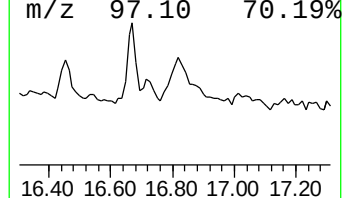
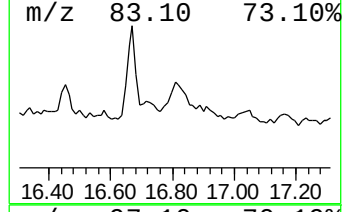
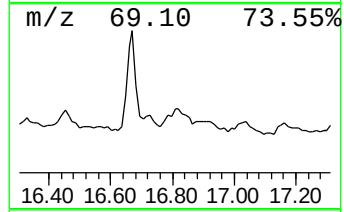
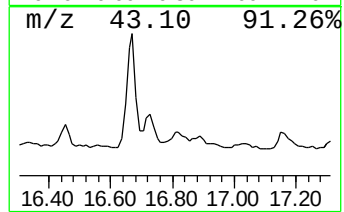
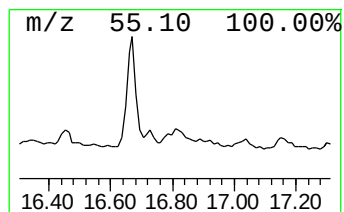
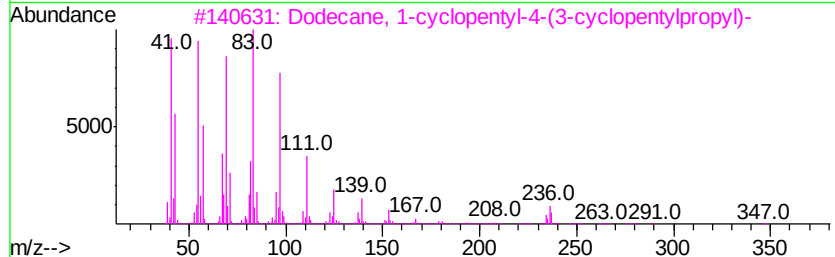
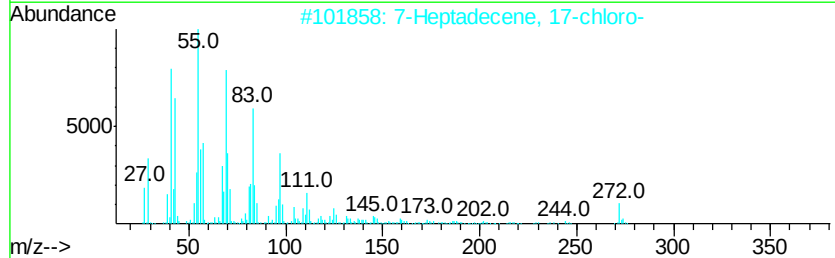
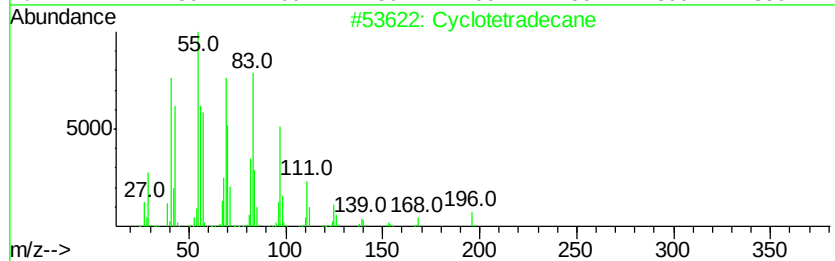
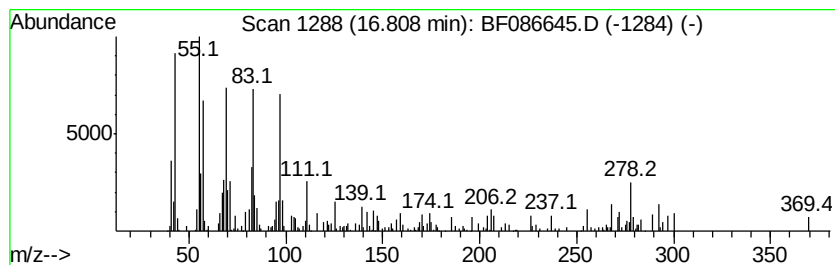
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclotetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	4.54 ng	232187	Perylene-d12	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	86
2			7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	60
3			Dodecane, 1-cyclopentyl-4-(3-cyclopentylpropyl)-	348	C25H48	007225-68-5	58
4			8-Heptadecene, 1-chloro-	272	C17H33Cl	056554-80-4	55
5			1-Heptadecanol	256	C17H36O	001454-85-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

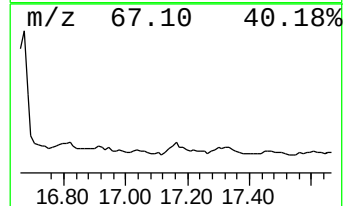
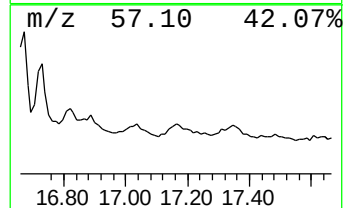
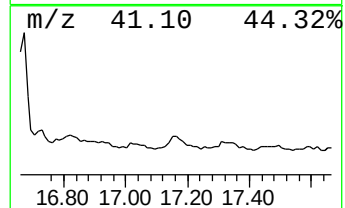
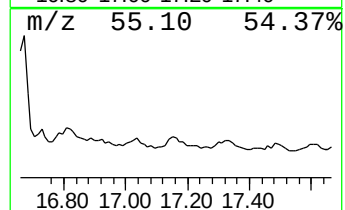
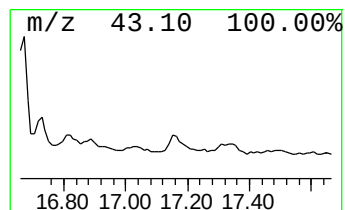
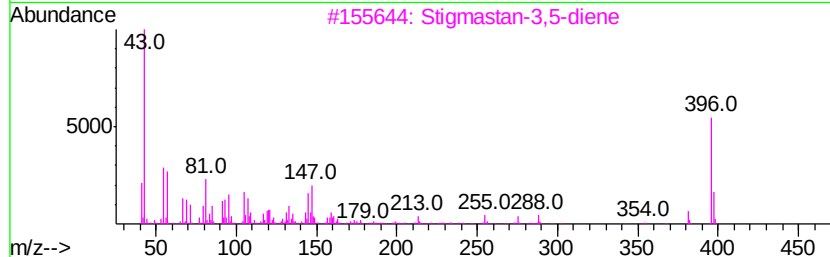
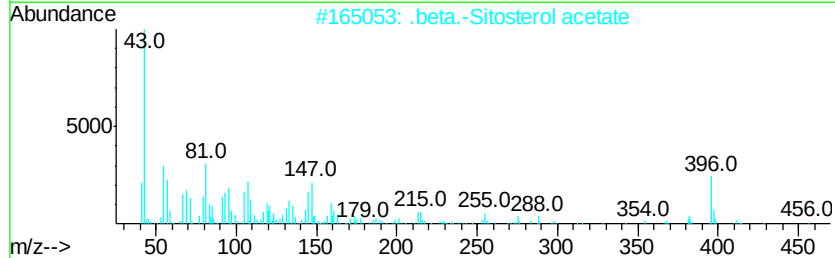
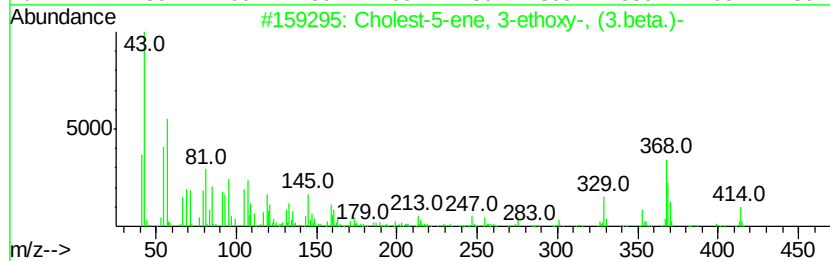
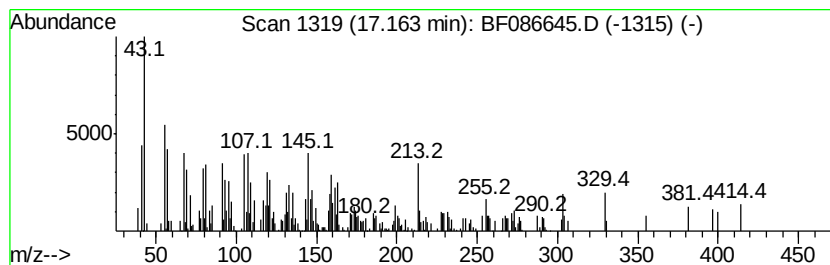
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.16 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	7.95 ng	406229	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	32
2		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	25
3		Stigmastan-3,5-diene	396	C29H48	1000214-16-4	16
4		3.beta.-Acetoxy-5-cholenamide	415	C26H41NO3	088108-04-7	10
5		16,22-Epoxycholestan-3-ol	402	C27H46O2	1000252-58-8	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

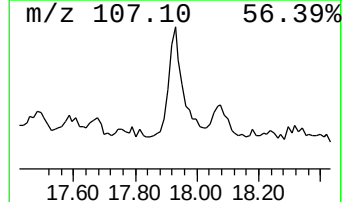
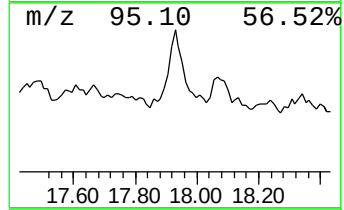
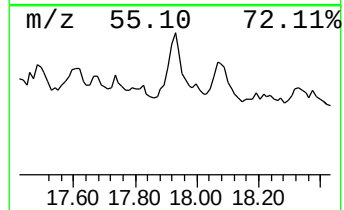
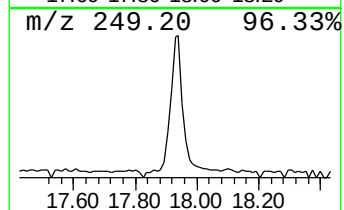
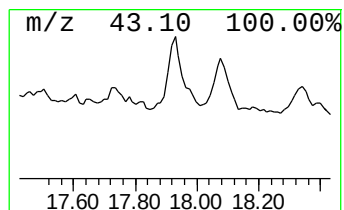
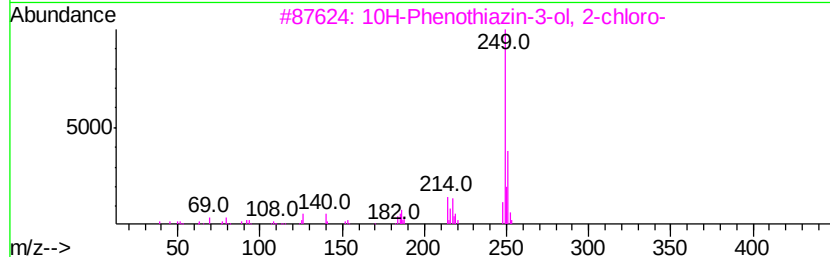
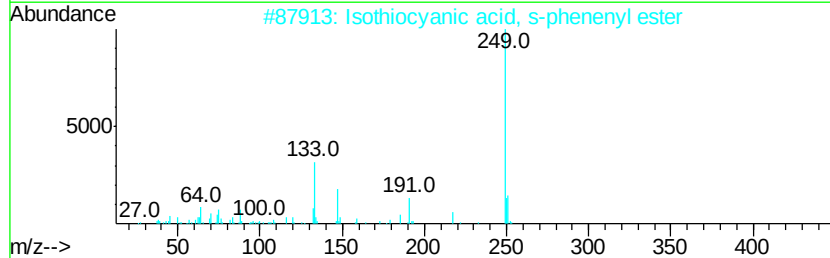
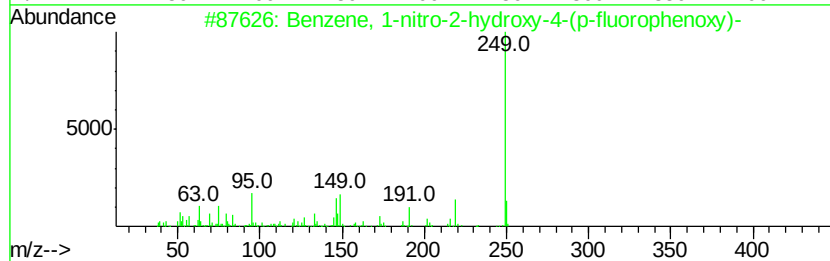
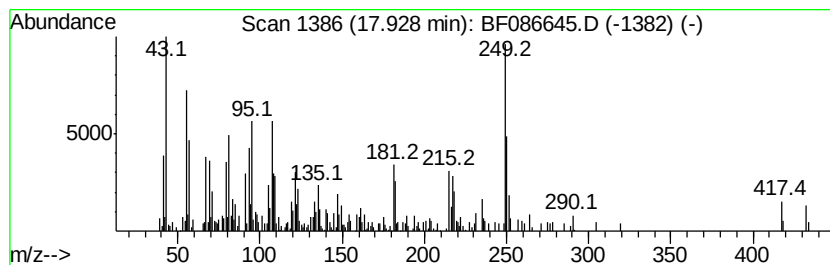
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.93 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	9.30 ng	475078	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-nitro-2-hydroxy-4-(p...	249	C12H8FN04	189214-56-0	38
2		Isothiocyanic acid, s-phenenvl e...	249	C9H3N3S3	101670-67-1	30
3		10H-Phenothiazin-3-ol, 2-chloro-	249	C12H8ClNOS	016770-99-3	25
4		7H-Benzo(c)phenothiazine	249	C16H11NS	000226-06-2	25
5		Dibenzo[c,f]1,7-naphthyridin-9(7...	330	C22H22N2O	1000271-49-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

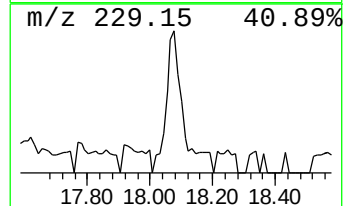
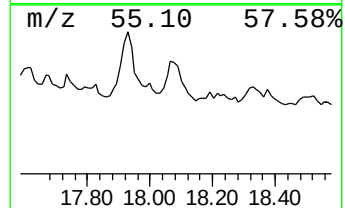
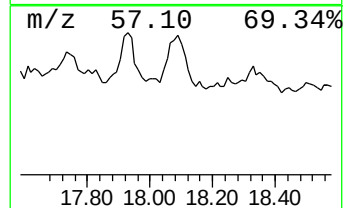
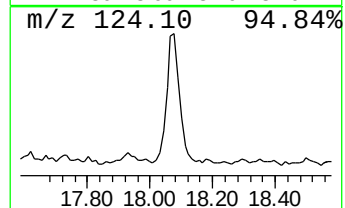
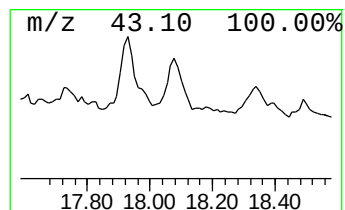
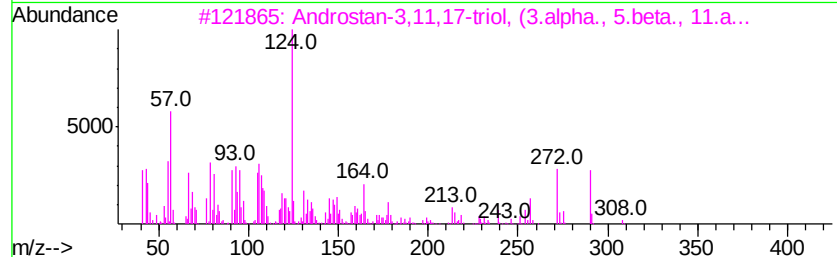
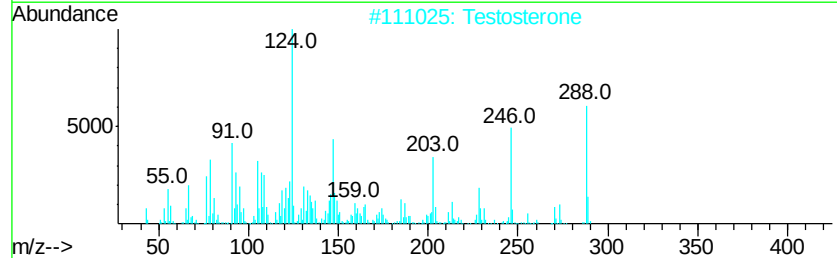
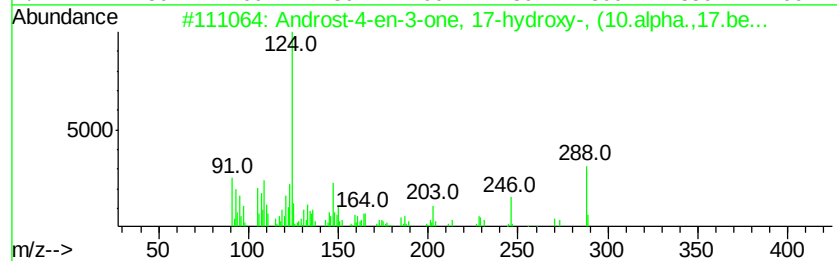
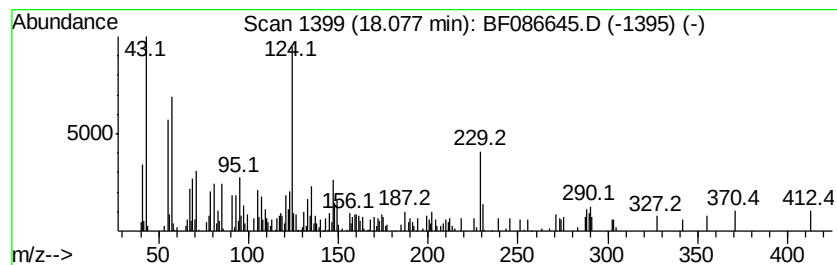
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Androst-4-en-3-one, 17-hydr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.15 ng	314386	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	50
2		Testosterone	288	C19H28O2	000058-22-0	38
3		Androstan-3,11,17-triol, (3.alpha. ...	308	C19H32O3	004484-95-1	30
4		Atropine	289	C17H23NO3	000051-55-8	27
5		Homatropine	275	C16H21NO3	000087-00-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086645.D
 Acq On : 3 May 2016 15:22
 Operator : UM/SJ
 Sample : H2685-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-2(0-6FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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...	4.93	5.6 ng		344427	1	6.75	1238280	20.0
unknown6.52	6.52	84.8 ng		5253350	1	6.75	1238280	20.0
Hexadecane	10.22	3.0 ng		276751	3	9.79	1819450	20.0
Eicosane	10.70	4.0 ng		339221	4	11.26	1686650	20.0
n-Hexadecanoic acid	11.81	9.3 ng		788453	4	11.26	1686650	20.0
Pentadecanoic acid	12.59	2.8 ng		231217	5	13.91	1659620	20.0
Trifluoroacetic a...	13.77	7.7 ng		636539	5	13.91	1659620	20.0
6a,12a-Dihydro-6H...	14.56	8.9 ng		737672	5	13.91	1659620	20.0
Pentadecane, 8-he...	14.99	7.3 ng		372833	6	15.30	1022100	20.0
Benzo[j]fluoranthene	15.17	3.8 ng		192951	6	15.30	1022100	20.0
Octadecanal	15.52	3.9 ng		198735	6	15.30	1022100	20.0
Octacosane	15.73	13.1 ng		671445	6	15.30	1022100	20.0
1-Pentadecene	15.79	3.1 ng		157750	6	15.30	1022100	20.0
Bicyclo[10.8.0]ei...	16.45	4.1 ng		207378	6	15.30	1022100	20.0
Cyclotetradecane	16.81	4.5 ng		232187	6	15.30	1022100	20.0
unknown17.16	17.16	8.0 ng		406229	6	15.30	1022100	20.0
unknown17.93	17.93	9.3 ng		475078	6	15.30	1022100	20.0
Androst-4-en-3-on...	18.08	6.2 ng		314386	6	15.30	1022100	20.0