

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082805.D
 Acq On : 7 Nov 2015 12:33
 Operator : UM/IZ
 Sample : G4257-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-10(0-2)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.036	254	258	267	rVB	2338618	3385780	49.03%	4.240%
2	5.459	292	295	297	rBV	6058628	6299843	91.23%	7.888%
3	6.487	382	385	387	rVB	5790717	6584436	95.35%	8.245%
4	6.613	394	396	399	rBV	4690992	5926386	85.82%	7.421%
5	6.842	414	416	419	rBV	1123712	1553953	22.50%	1.946%
6	7.002	428	430	433	rVB	3893514	4542461	65.78%	5.688%
7	7.413	463	466	468	rBV	4161661	4449228	64.43%	5.571%
8	7.505	472	474	480	rVB	54957	78939	1.14%	0.099%
9	7.859	501	505	509	rBV2	214768	405682	5.87%	0.508%
10	8.042	519	521	523	rBV	84648	83720	1.21%	0.105%
11	8.133	526	529	531	rBV	2435110	2041759	29.57%	2.557%
12	9.093	611	613	615	rVB	99128	92635	1.34%	0.116%
13	9.219	621	624	626	rBV	5753669	6905662	100.00%	8.647%
14	9.345	633	635	636	rBV2	76933	76176	1.10%	0.095%
15	9.551	651	653	655	rBV2	289351	292080	4.23%	0.366%
16	9.608	655	658	660	rBV	1334739	1182064	17.12%	1.480%
17	9.893	680	683	684	rBV	1558246	2149690	31.13%	2.692%
18	9.928	684	686	689	rVB	48830	81697	1.18%	0.102%
19	10.019	692	694	695	rBV2	93906	86625	1.25%	0.108%
20	10.099	699	701	705	rVB2	48882	71682	1.04%	0.090%
21	10.305	717	719	720	rBV	134850	123965	1.80%	0.155%
22	10.328	720	721	723	rVB	88584	99389	1.44%	0.124%
23	10.408	726	728	729	rBV	133895	104936	1.52%	0.131%
24	10.671	748	751	754	rBV2	3327996	3801855	55.05%	4.761%
25	10.808	761	763	767	rVB	190078	279820	4.05%	0.350%
26	10.899	769	771	772	rBV	84549	105281	1.52%	0.132%
27	11.036	778	783	786	rBV5	83723	202169	2.93%	0.253%
28	11.254	800	802	803	rBV	198902	177923	2.58%	0.223%
29	11.334	807	809	810	rBV	42471	73014	1.06%	0.091%
30	11.368	810	812	814	rVV	2353488	2143030	31.03%	2.683%
31	11.436	815	818	820	rVB3	85640	170317	2.47%	0.213%
32	11.596	830	832	837	rBV3	53326	110748	1.60%	0.139%
33	11.676	837	839	844	rVB	132001	143820	2.08%	0.180%
34	11.917	857	860	862	rBV	705124	979744	14.19%	1.227%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082805.D
 Acq On : 7 Nov 2015 12:33
 Operator : UM/IZ
 Sample : G4257-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-10(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

35	12.088	871	875	877	rBV2	104799	213636	3.09%	0.268%
36	12.179	880	883	887	rVB4	40147	100322	1.45%	0.126%
37	12.442	902	906	908	rBV4	63722	127960	1.85%	0.160%
38	12.579	916	918	919	rBV	276505	286225	4.14%	0.358%
39	12.614	919	921	925	rVV2	145982	270493	3.92%	0.339%
40	12.694	926	928	932	rVV2	170624	206138	2.99%	0.258%
41	12.797	935	937	939	rVV3	336493	584400	8.46%	0.732%
42	12.842	939	941	942	rVV2	67765	84161	1.22%	0.105%
43	12.865	942	943	945	rVB	122532	100526	1.46%	0.126%
44	12.957	948	951	953	rBV	5112907	4598789	66.59%	5.758%
45	13.197	969	972	974	rBV2	94244	188962	2.74%	0.237%
46	13.311	980	982	985	rBV4	49006	82794	1.20%	0.104%
47	13.414	990	991	993	rVV2	57233	102970	1.49%	0.129%
48	13.460	993	995	997	rVV	176857	289375	4.19%	0.362%
49	13.494	997	998	1000	rVV	279831	269797	3.91%	0.338%
50	13.540	1000	1002	1007	rVB2	78114	180282	2.61%	0.226%
51	13.654	1010	1012	1015	rVV3	68843	114094	1.65%	0.143%
52	13.814	1024	1026	1028	rBV2	85184	79098	1.15%	0.099%
53	13.871	1028	1031	1037	rBV	715630	912176	13.21%	1.142%
54	14.008	1040	1043	1044	rBV	1233503	1696919	24.57%	2.125%
55	14.100	1049	1051	1055	rVB2	92649	138422	2.00%	0.173%
56	14.191	1057	1059	1064	rVV2	141157	188800	2.73%	0.236%
57	14.511	1084	1087	1092	rBV	504508	1031071	14.93%	1.291%
58	14.797	1110	1112	1116	rBV2	102879	190803	2.76%	0.239%
59	14.934	1122	1124	1127	rVB	222553	254135	3.68%	0.318%
60	15.025	1130	1132	1136	rVB	119789	222648	3.22%	0.279%
61	15.128	1138	1141	1142	rBV	1131528	1265945	18.33%	1.585%
62	15.437	1165	1168	1170	rBV	1184165	1430710	20.72%	1.791%
63	15.494	1171	1173	1178	rVB	167796	257870	3.73%	0.323%
64	15.688	1187	1190	1193	rBV2	138744	222220	3.22%	0.278%
65	15.917	1207	1210	1212	rBV	732181	1248443	18.08%	1.563%
66	15.963	1212	1214	1218	rVV	438374	824224	11.94%	1.032%
67	16.054	1220	1222	1226	rVB3	206809	345652	5.01%	0.433%
68	16.671	1273	1276	1279	rBV	228963	400082	5.79%	0.501%
69	16.877	1292	1294	1298	rVB3	145407	315745	4.57%	0.395%
70	16.968	1299	1302	1304	rBV	134763	284644	4.12%	0.356%
71	17.026	1304	1307	1314	rVB2	458680	1340272	19.41%	1.678%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.414	1337	1341	1348	rBV2	732095	1928829	27.93%	2.415%
73	18.386	1422	1426	1434	rVB2	332372	931898	13.49%	1.167%
74	19.197	1494	1497	1505	rVB4	169033	565246	8.19%	0.708%
75	20.797	1631	1637	1644	rVB2	300183	1178538	17.07%	1.476%

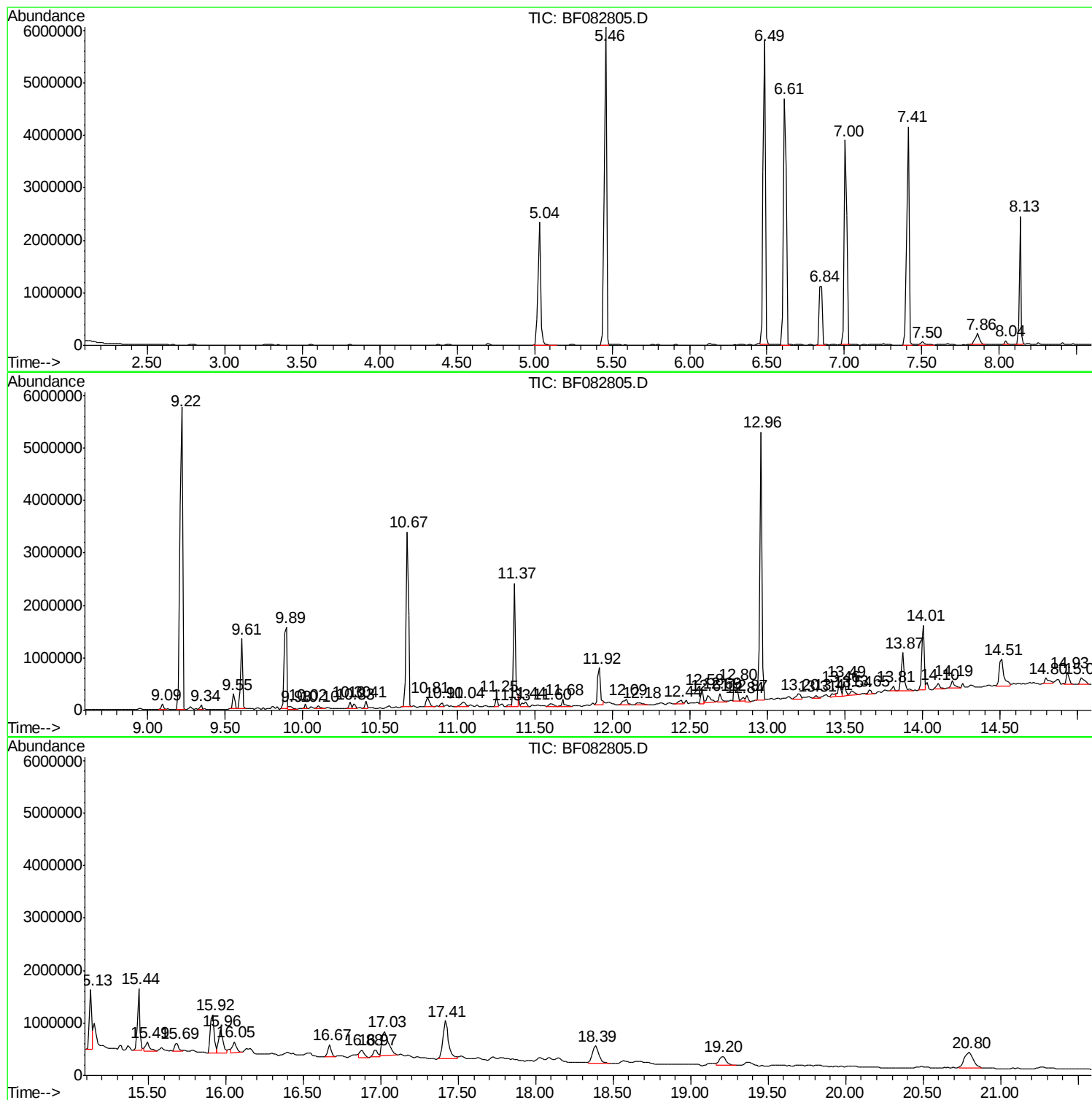
Sum of corrected areas: 79861823

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

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

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

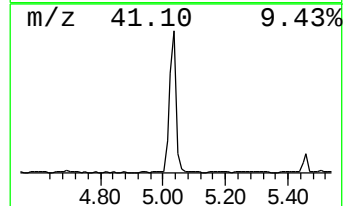
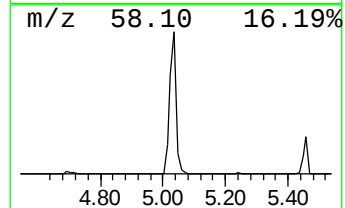
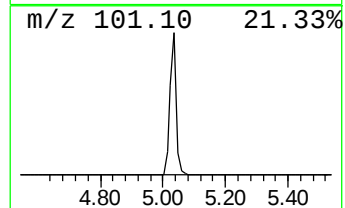
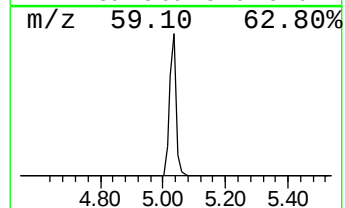
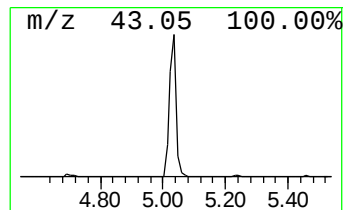
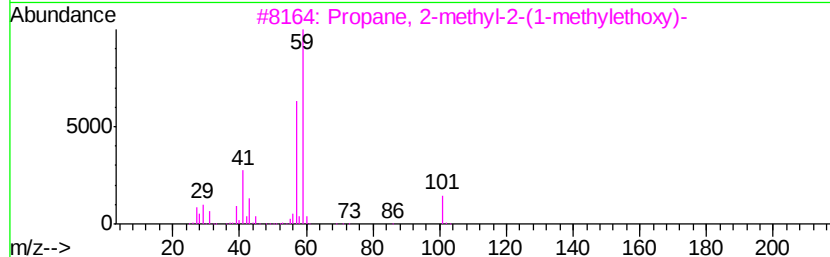
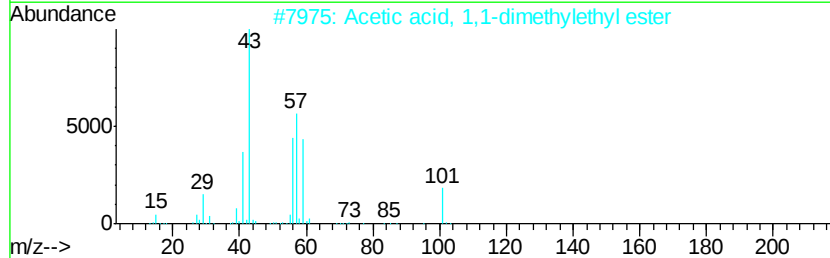
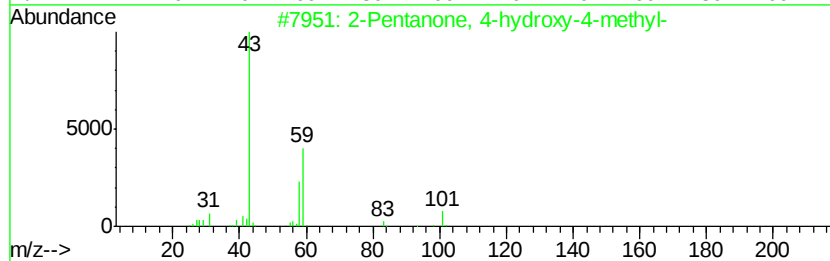
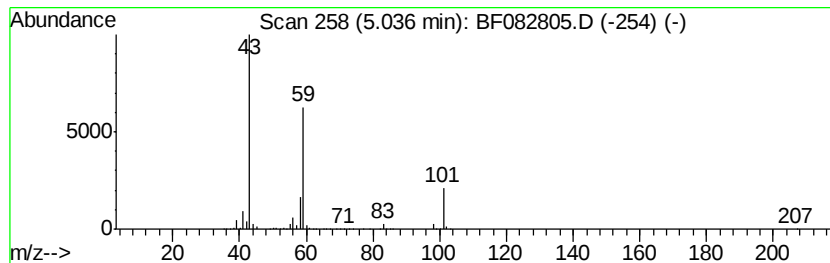
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	43.58 ng	3385780	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

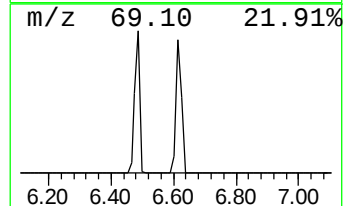
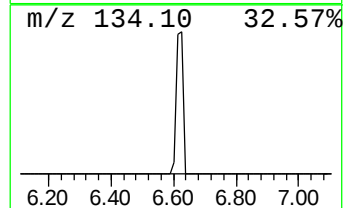
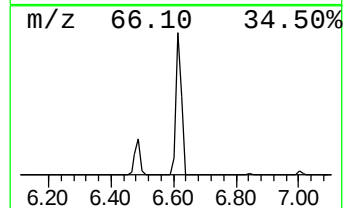
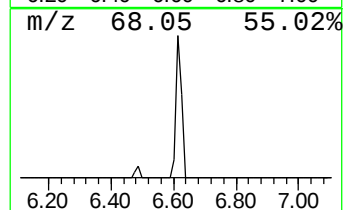
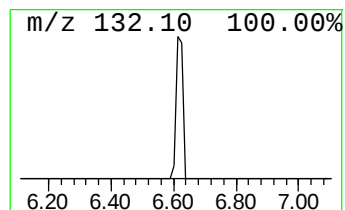
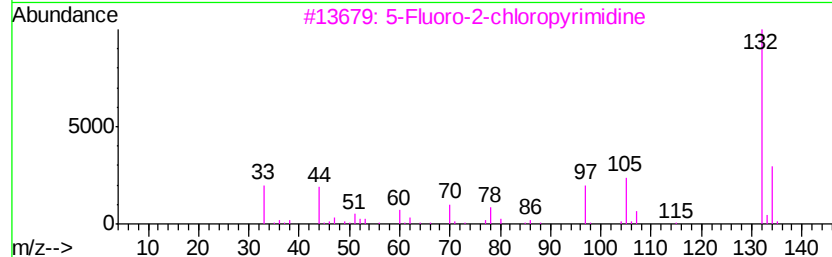
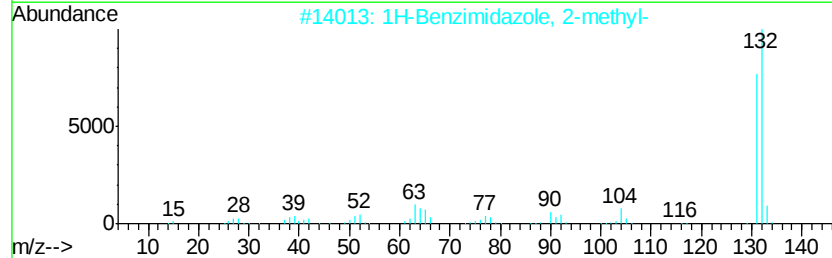
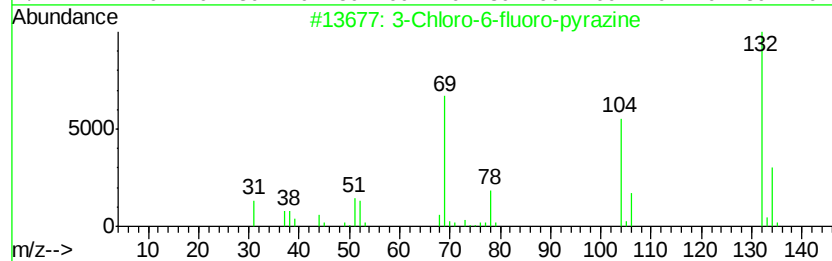
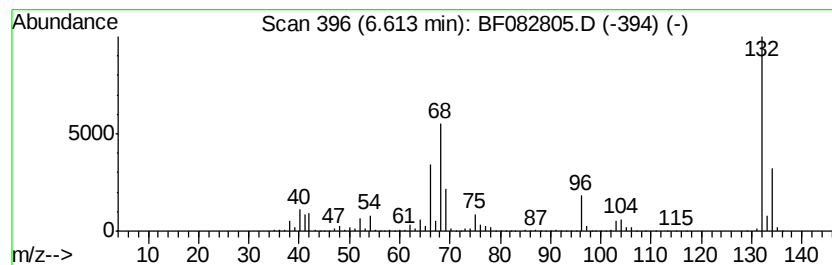
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	76.28 ng	5926390	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

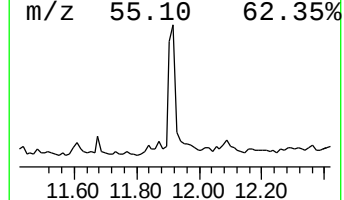
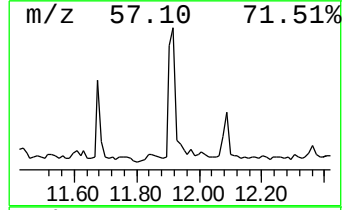
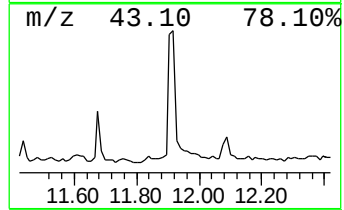
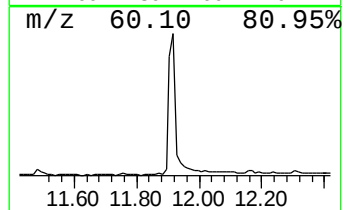
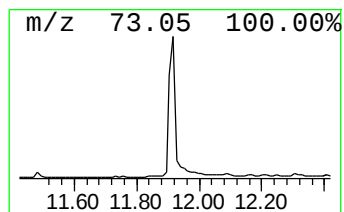
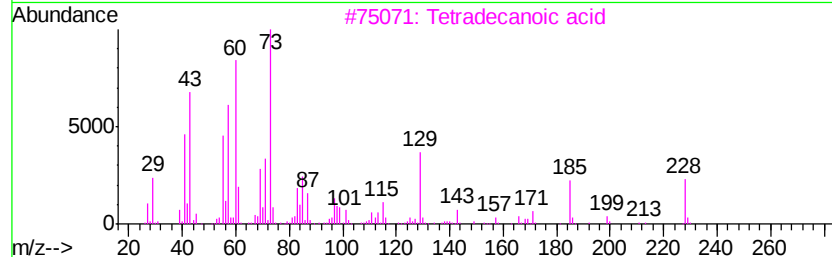
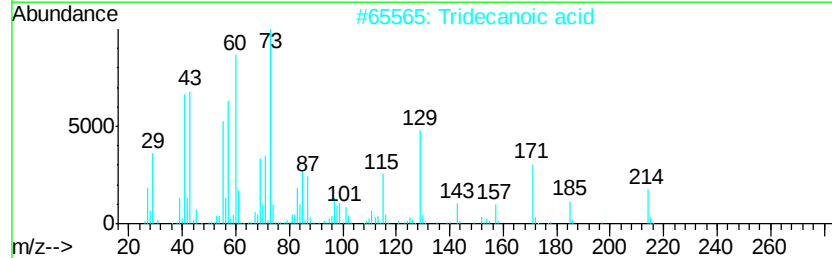
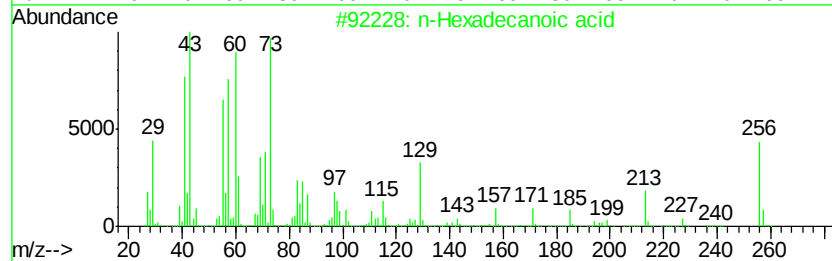
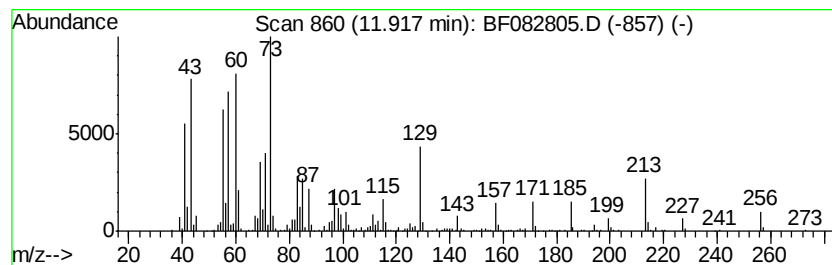
Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

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

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	9.14 ng	979744	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

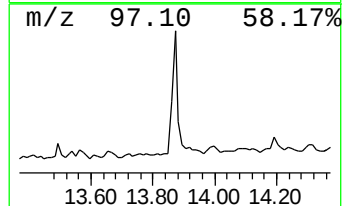
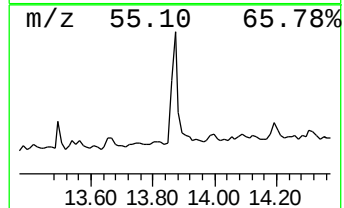
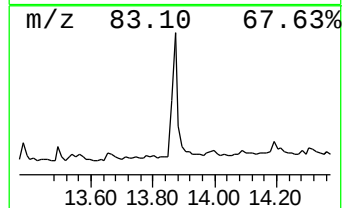
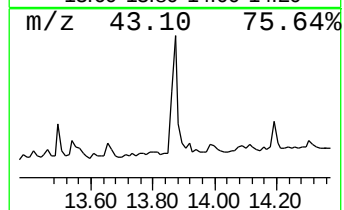
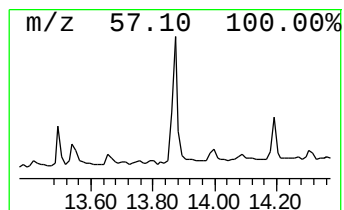
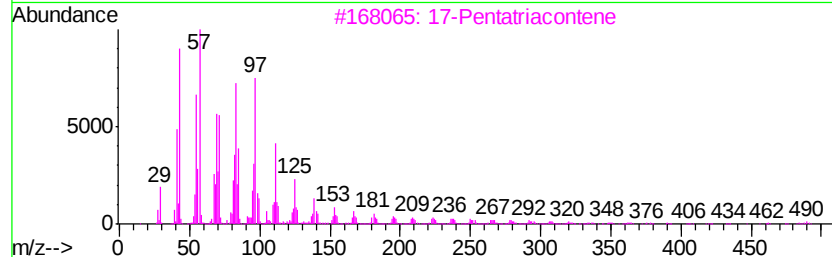
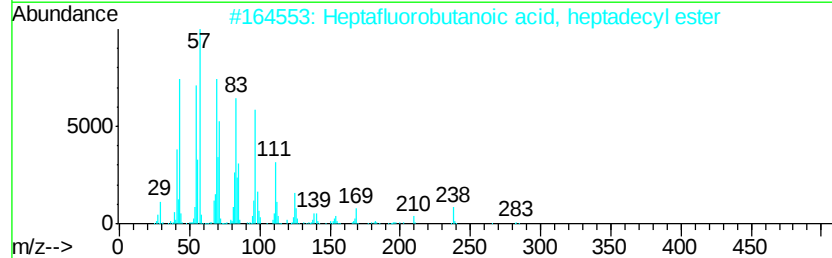
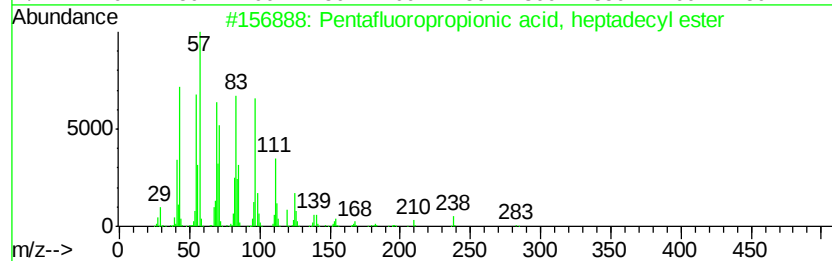
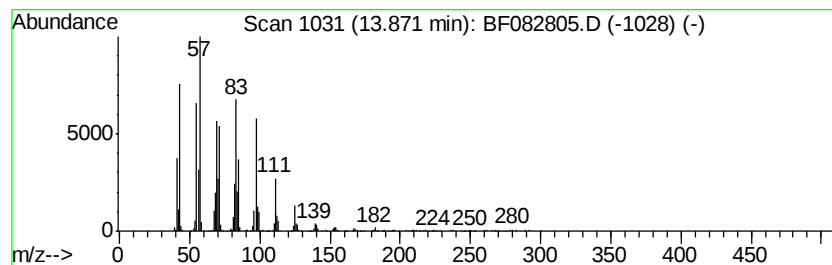
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	10.75 ng	912176	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5		1-Nonadecene	266	C19H38	018435-45-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

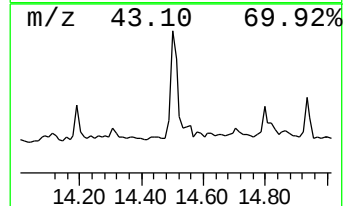
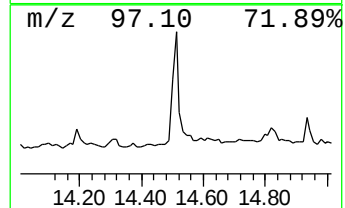
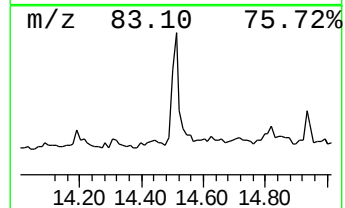
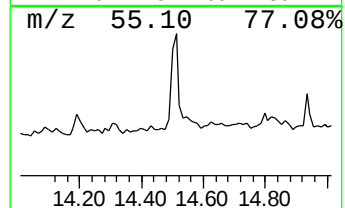
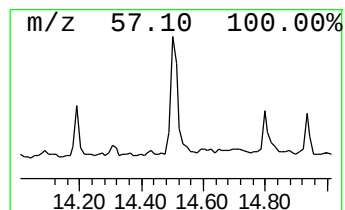
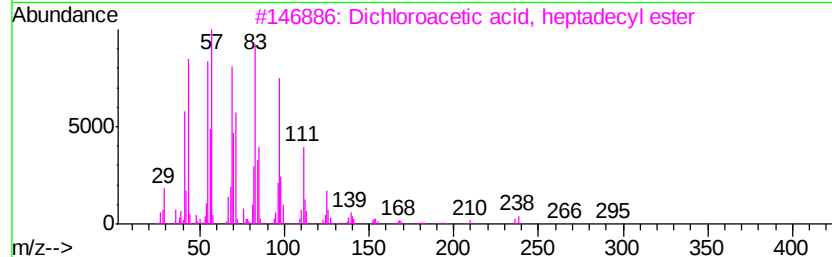
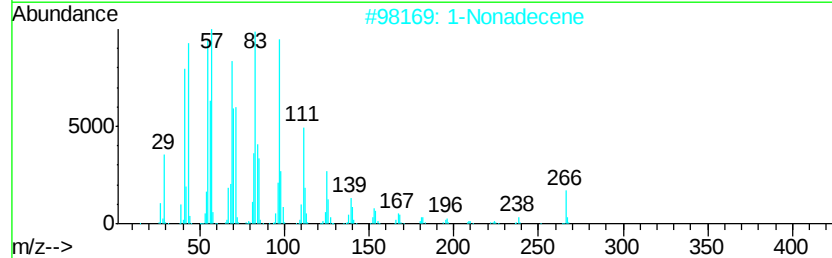
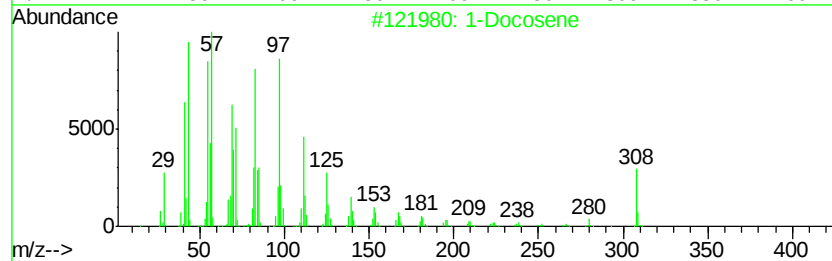
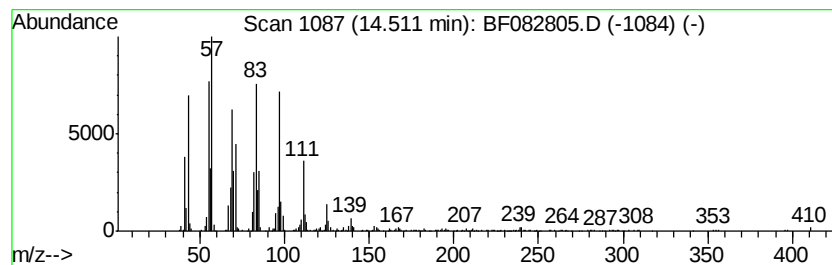
Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

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

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

Peak Number 6 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	12.15 ng	1031070	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene	308 C22H44	001599-67-3	94
2	1-Nonadecene	266 C19H38	018435-45-5	92
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	91
4	17-Pentatriacontene	491 C35H70	006971-40-0	91
5	1-Heneicosyl formate	340 C22H44O2	077899-03-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

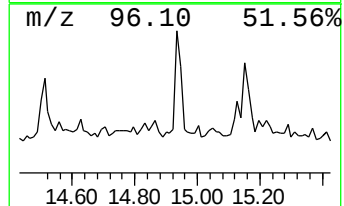
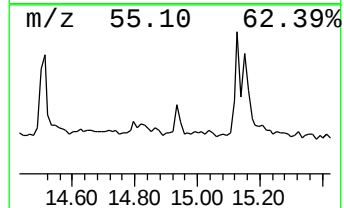
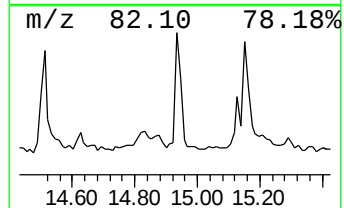
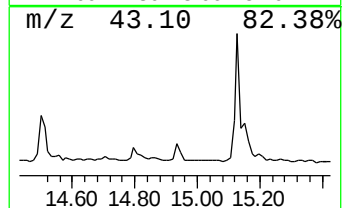
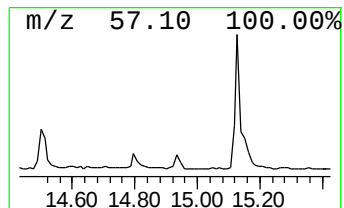
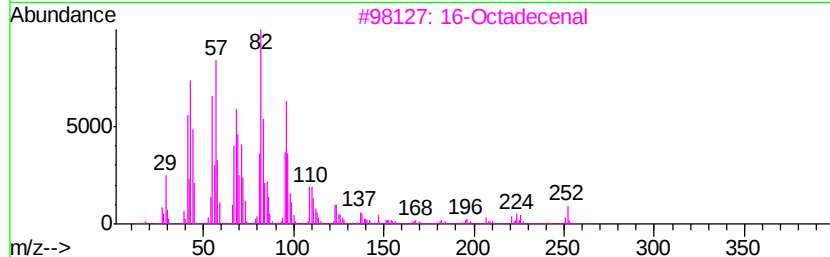
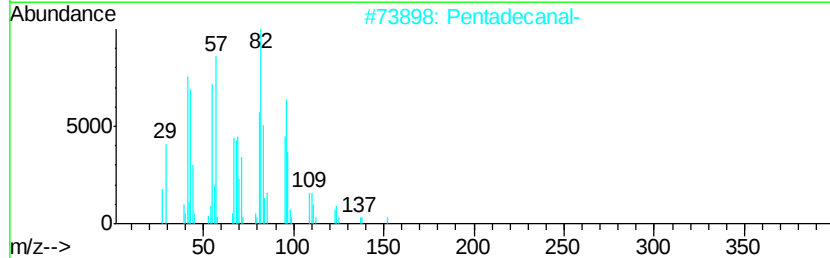
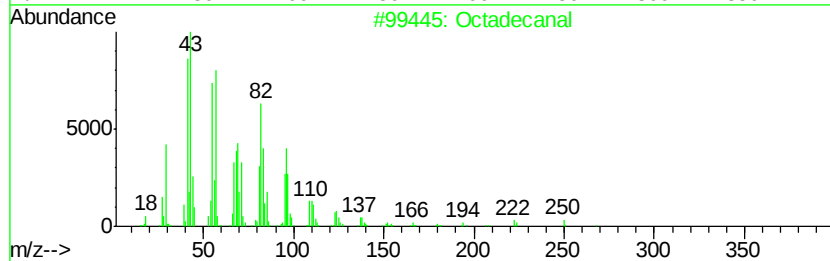
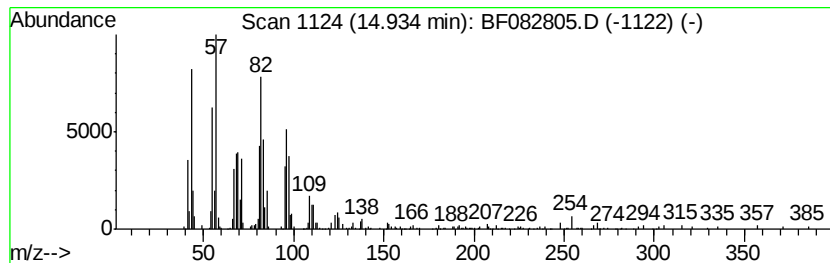
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.55 ng	254135	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			Pentadecanal-	226	C15H30O	002765-11-9	91
3			16-Octadecenal	266	C18H34O	056554-87-1	91
4			17-Octadecenal	266	C18H34O	056554-86-0	91
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

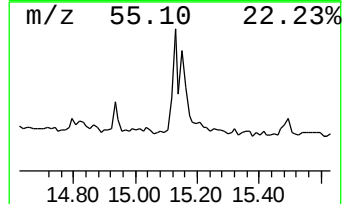
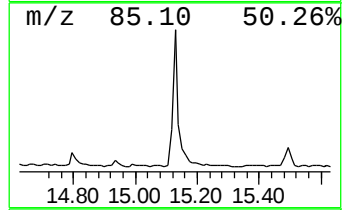
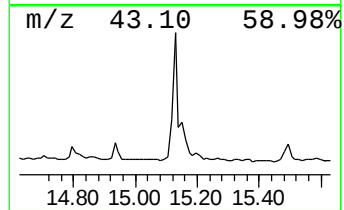
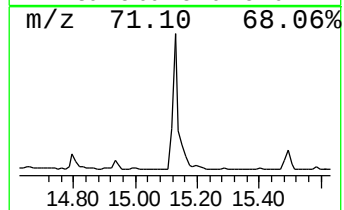
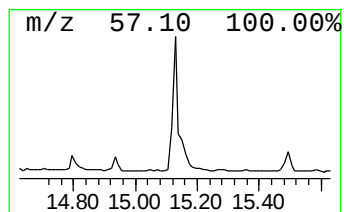
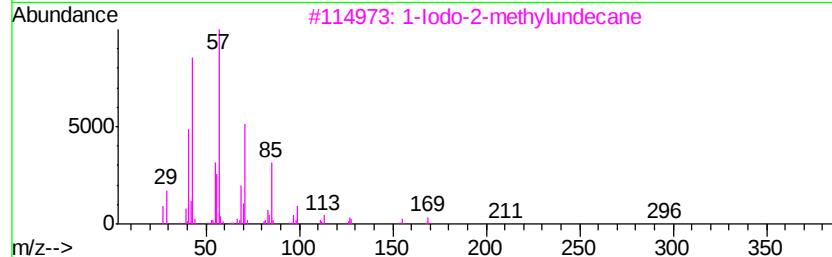
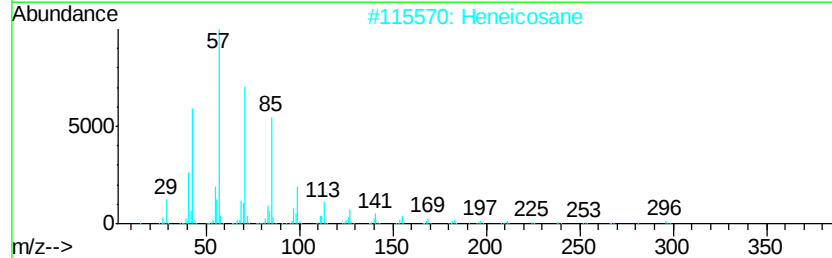
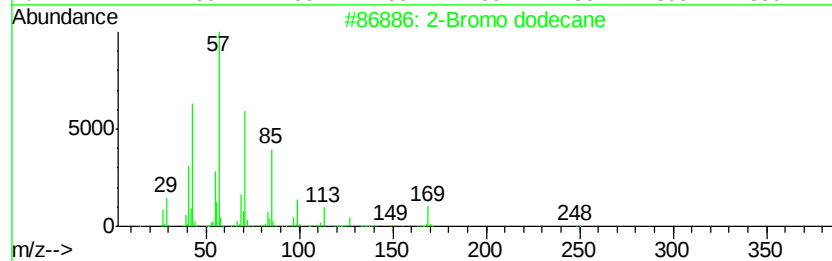
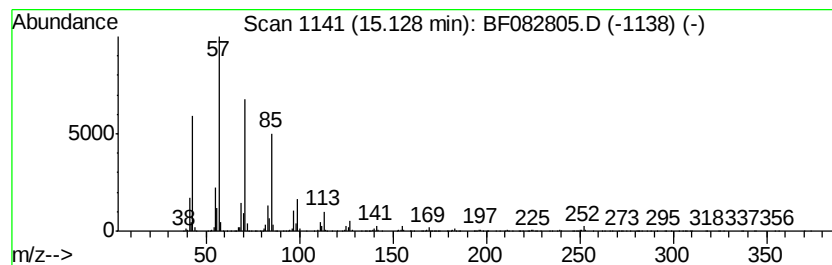
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	17.70 ng	1265950	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
2	Heneicosane		296	C21H44	000629-94-7	93
3	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	91
4	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	91
5	Hexadecane		226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

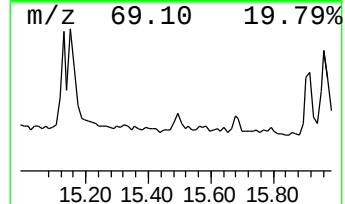
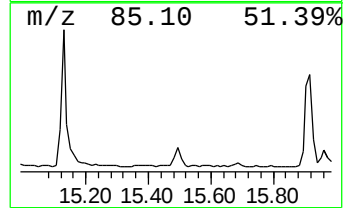
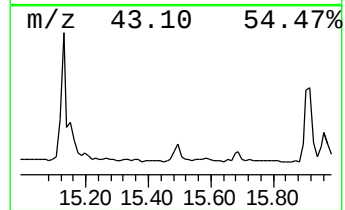
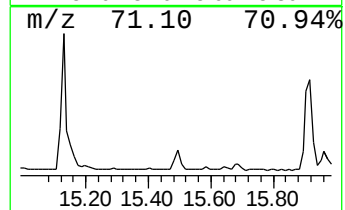
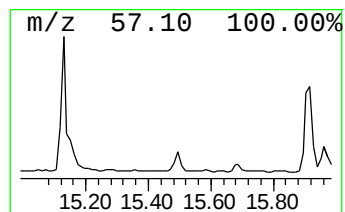
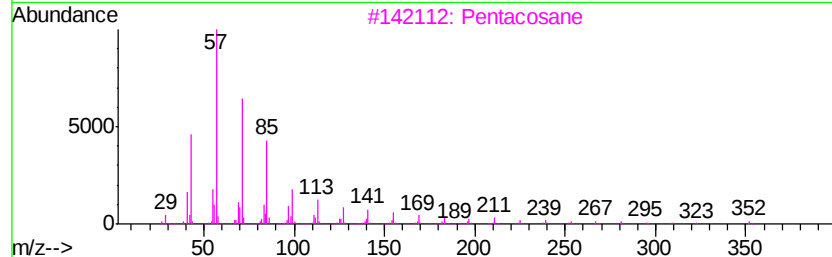
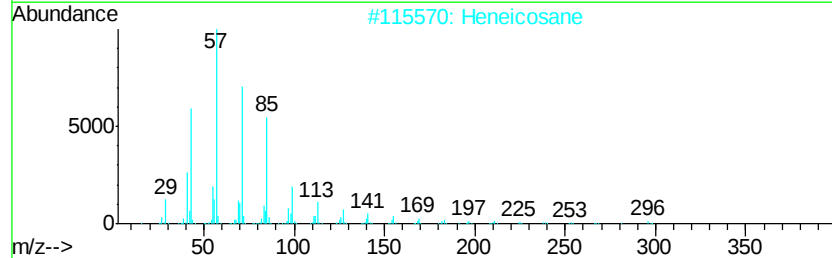
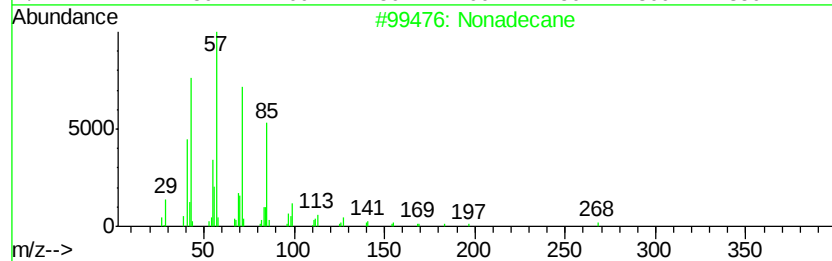
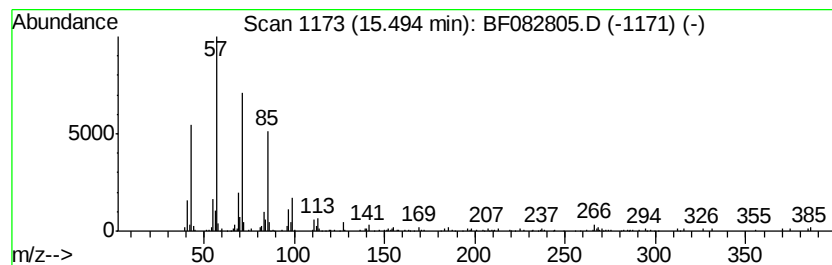
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	3.60 ng	257870	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Heneicosane		296	C21H44	000629-94-7	80
3	Pentacosane		352	C25H52	000629-99-2	80
4	1-Iodoundecane		282	C11H23I	004282-44-4	72
5	2-Thiopheneacetic acid, 4-tetrad...		338	C20H34O2S	1000280-67-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

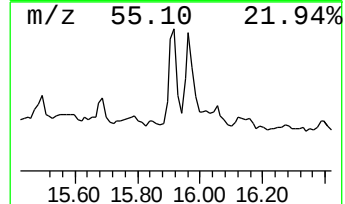
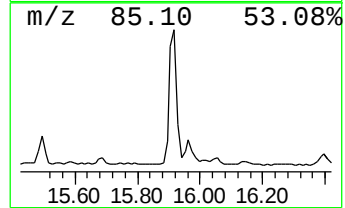
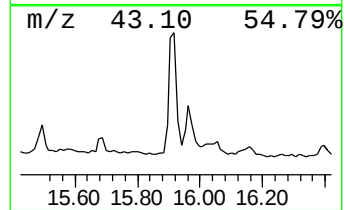
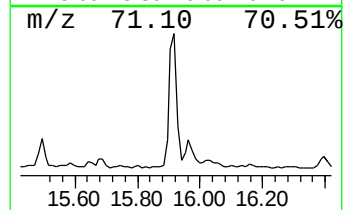
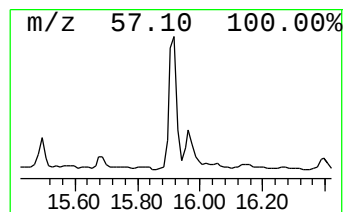
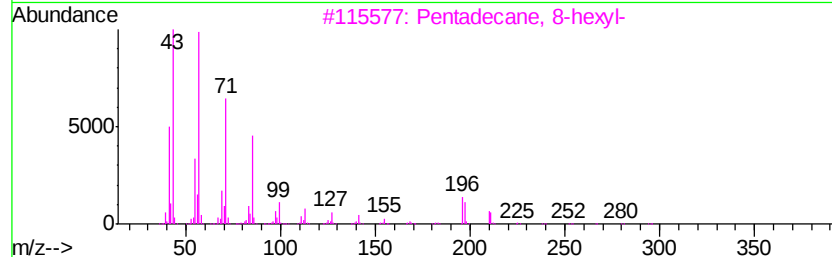
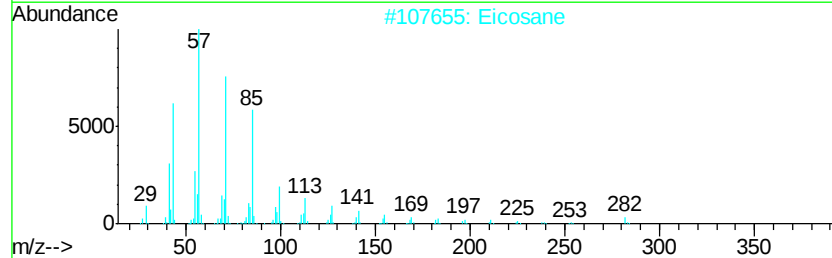
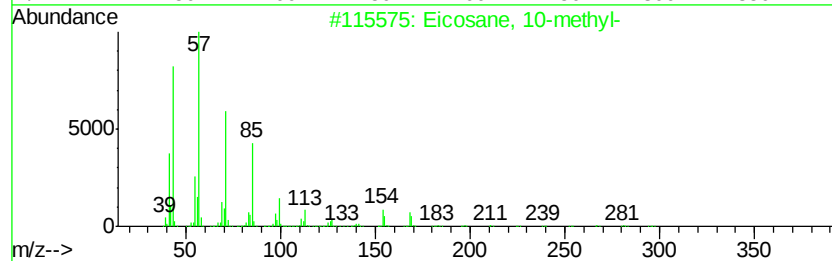
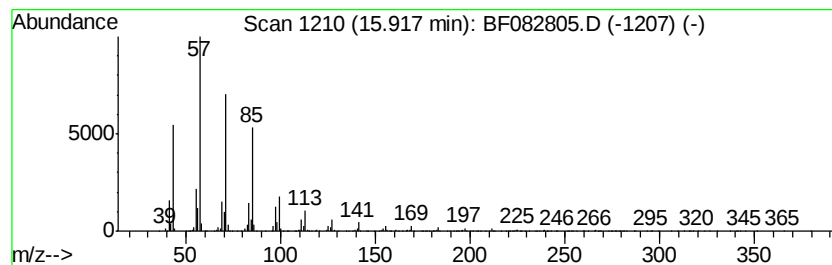
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	17.45 ng	1248440	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

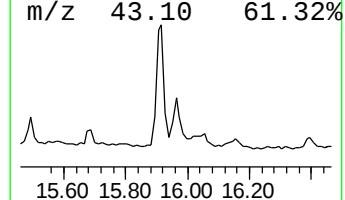
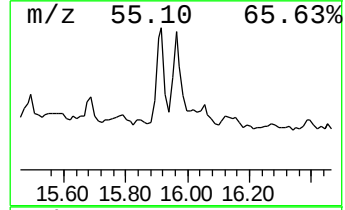
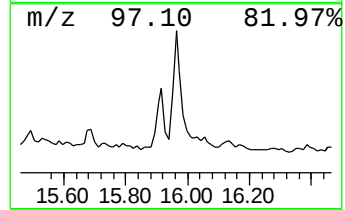
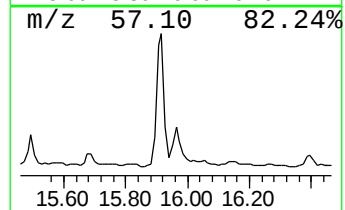
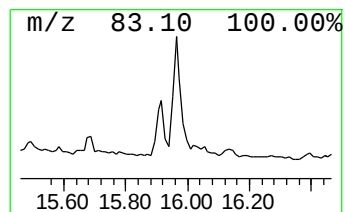
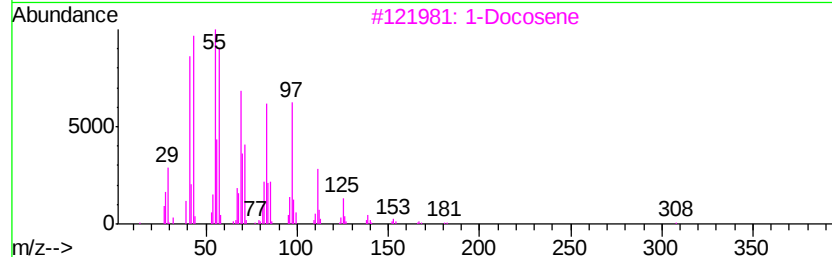
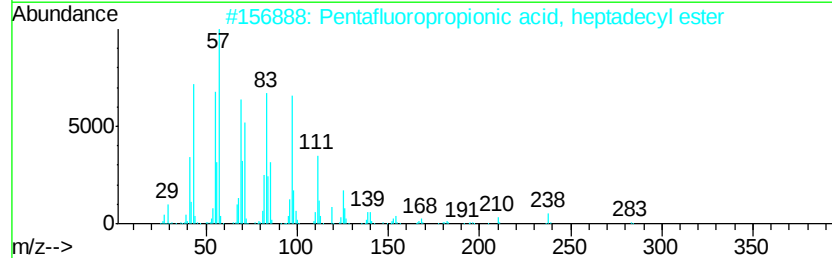
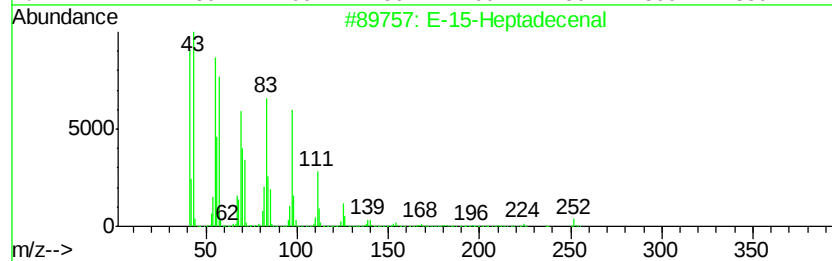
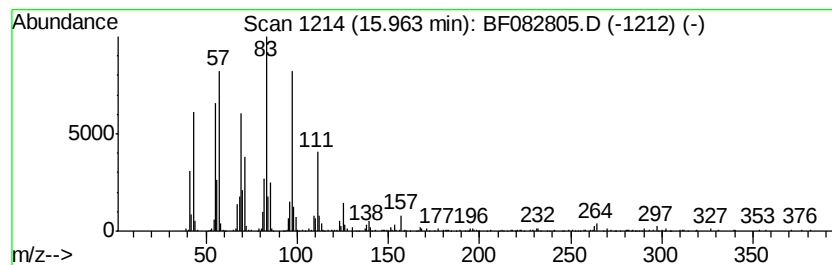
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 E-15-Heptadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	11.52 ng	824224	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	49
3		1-Docosene	308	C22H44	001599-67-3	49
4		1-Tricosene	322	C23H46	018835-32-0	49
5		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

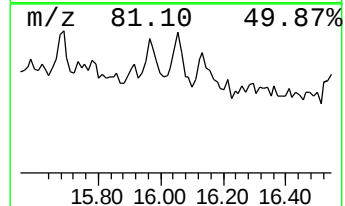
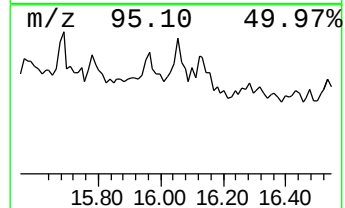
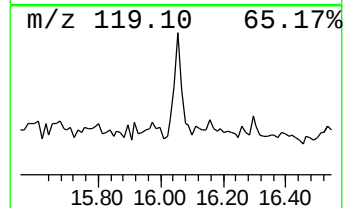
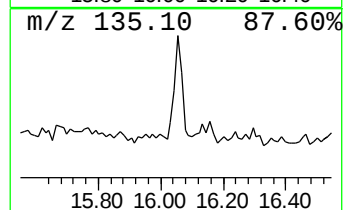
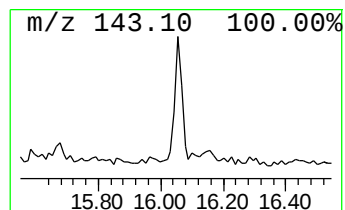
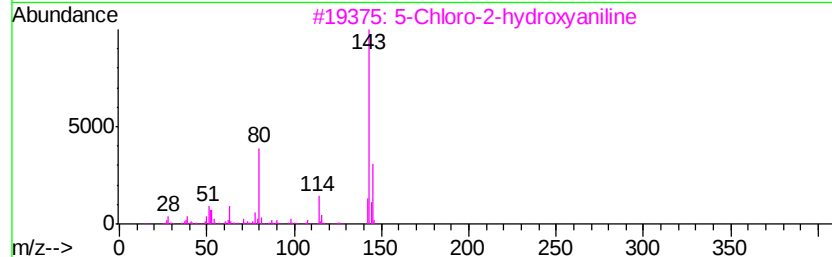
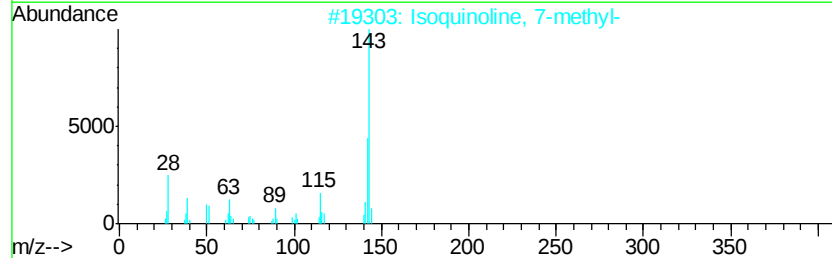
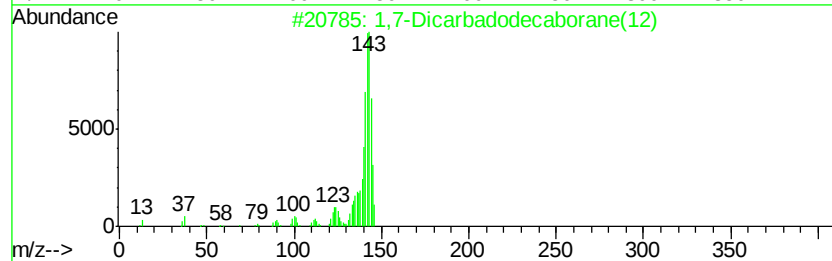
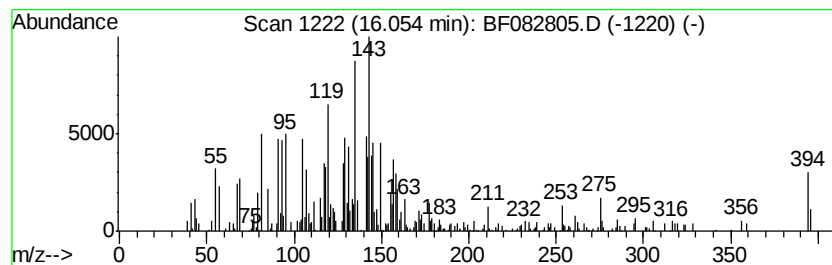
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	4.83 ng	345652	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dicarbododecaborane(12)	146	C2H12B10	016986-24-6	22
2		Isoquinoline, 7-methyl-	143	C10H9N	054004-38-5	18
3		5-Chloro-2-hydroxyaniline	143	C6H6ClNO	000095-85-2	14
4		Quinoline, 6-methyl-	143	C10H9N	000091-62-3	14
5		5-Ethoxy-4-ethoxycarbonylmethylo...	199	C9H13NO4	010500-74-0	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

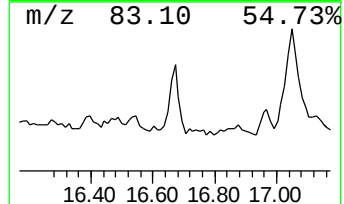
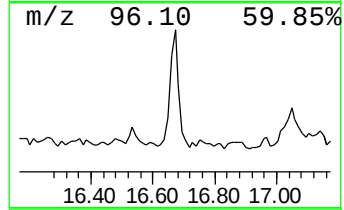
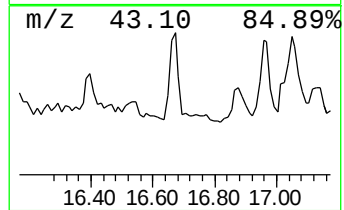
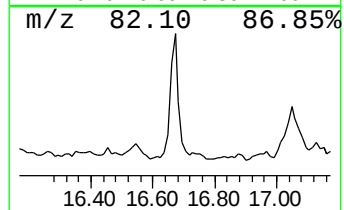
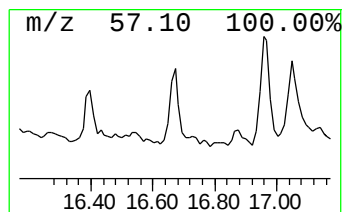
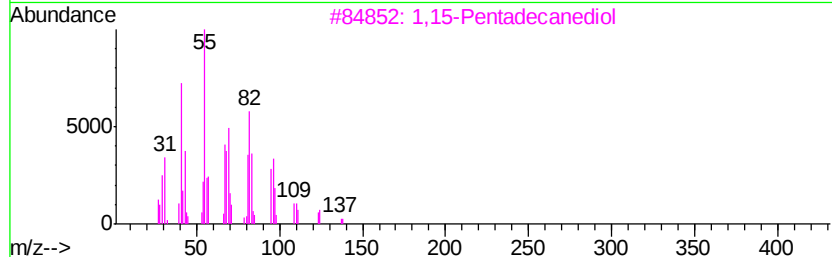
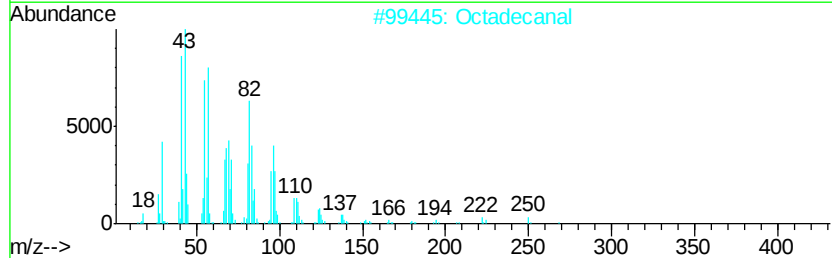
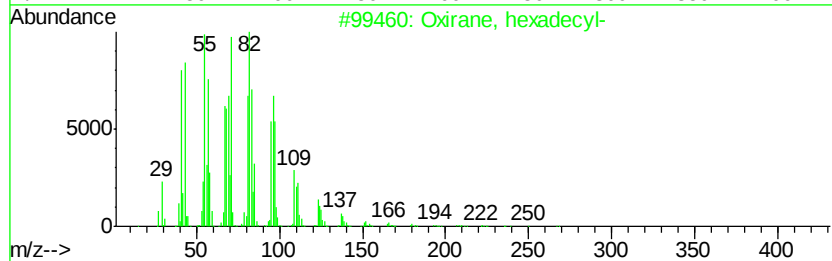
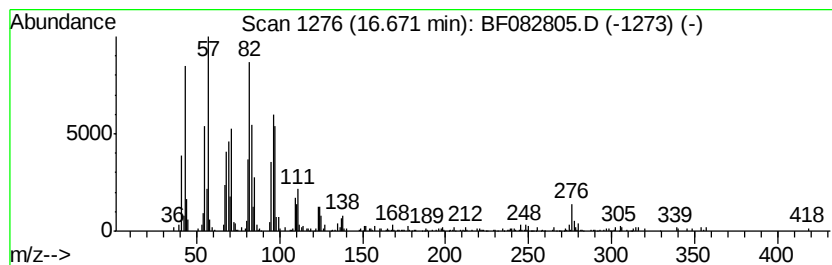
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	5.59 ng	400082	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64
2			Octadecanal	268	C18H36O	000638-66-4	55
3			1,15-Pentadecanediol	244	C15H32O2	014722-40-8	49
4			E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	49
5			1,19-Eicosadiene	278	C20H38	014811-95-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

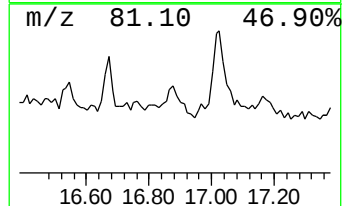
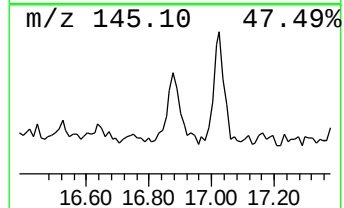
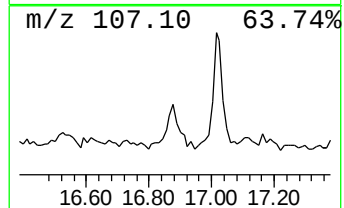
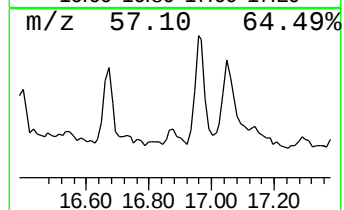
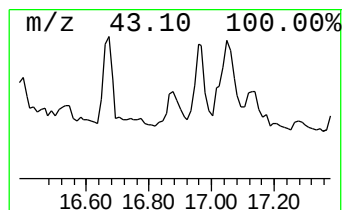
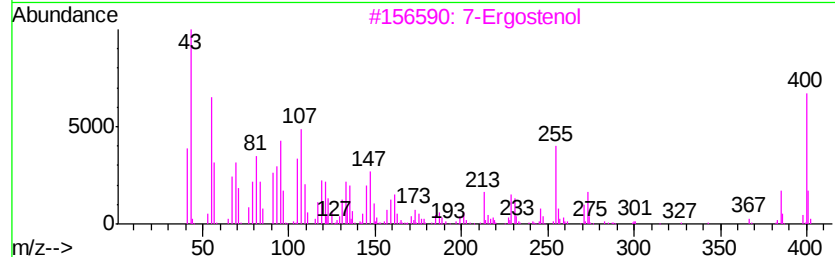
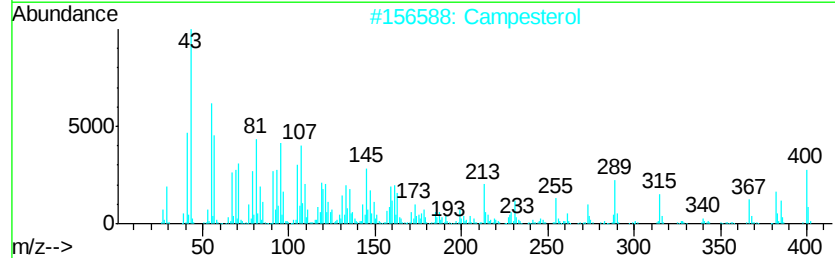
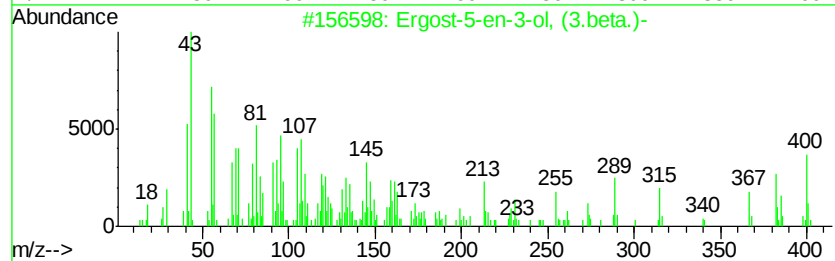
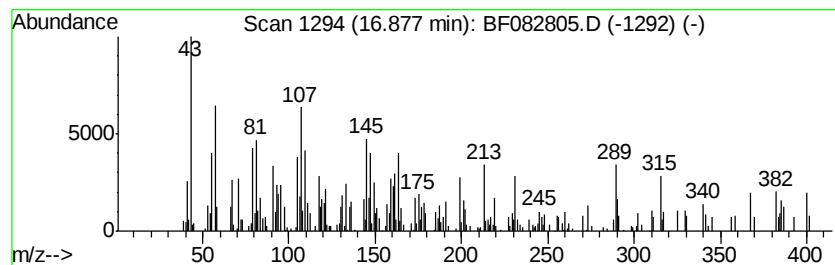
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Ergost-5-en-3-ol, (3.beta.)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	4.41 ng	315745	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	93
2			Campesterol	400	C28H48O	000474-62-4	49
3			7-Ergosterol	400	C28H48O	116179-22-7	25
4			5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	14
5			Isocholesteryl methyl ether	400	C28H48O	029944-53-4	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

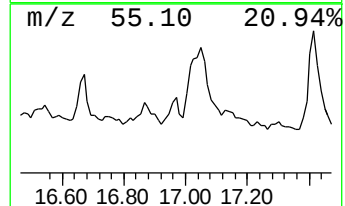
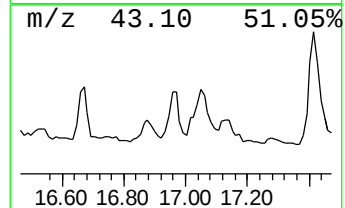
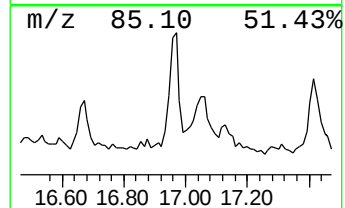
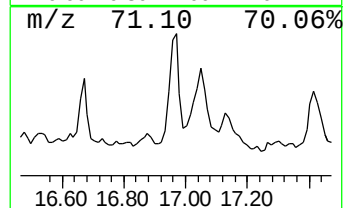
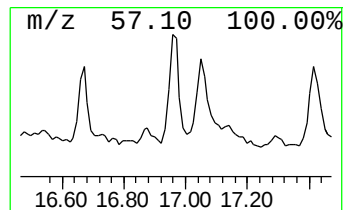
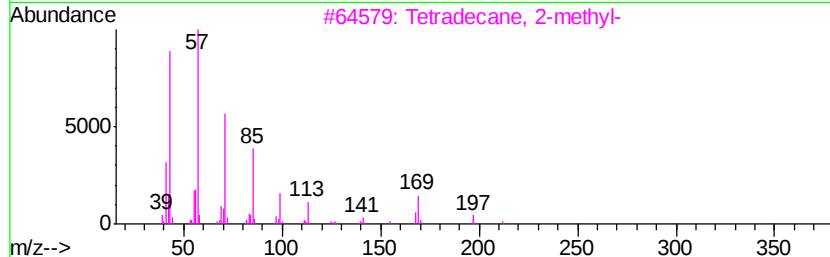
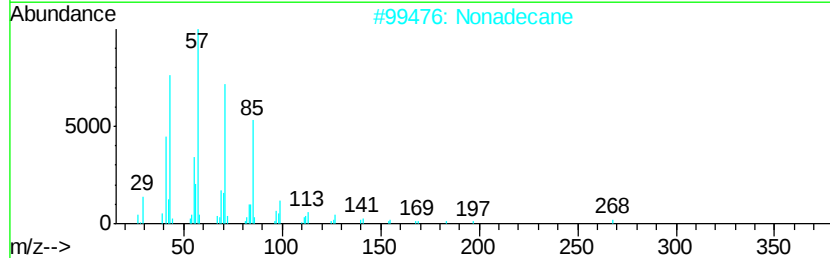
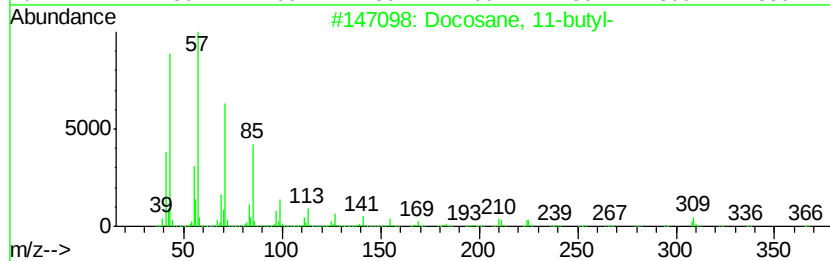
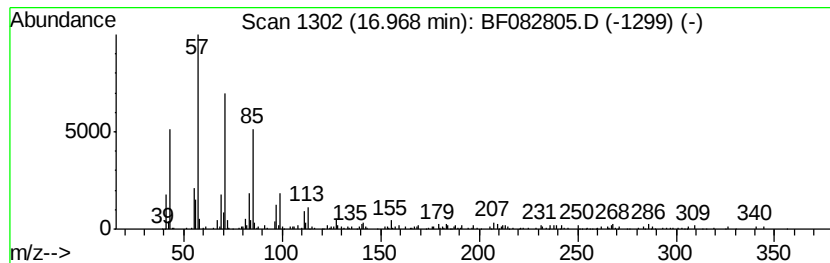
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane, 11-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.98 ng	284644	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2		Nonadecane	268	C19H40	000629-92-5	83
3		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	83
4		Octacosane	394	C28H58	000630-02-4	80
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

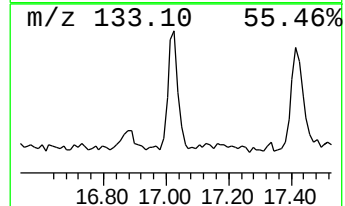
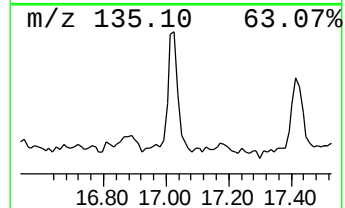
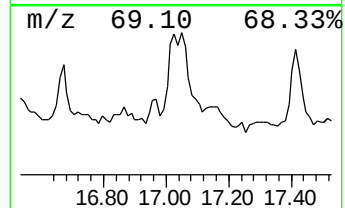
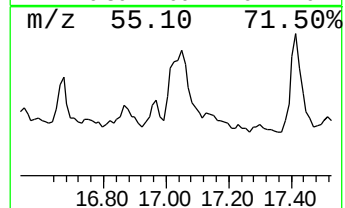
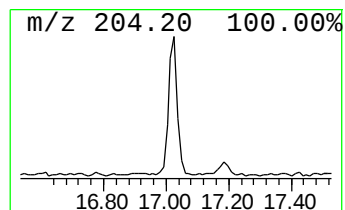
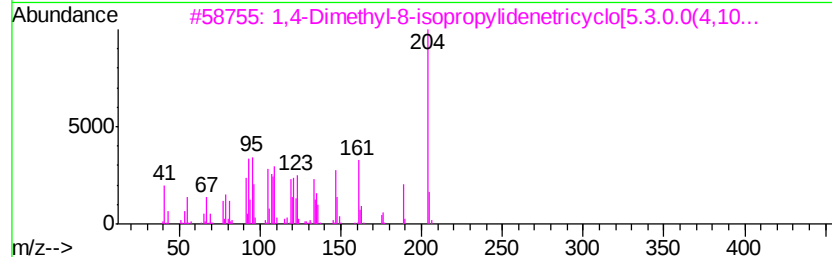
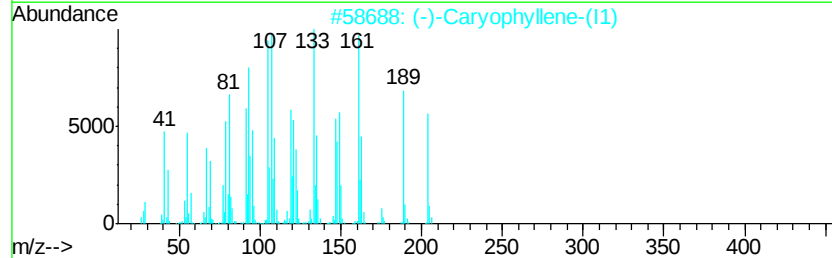
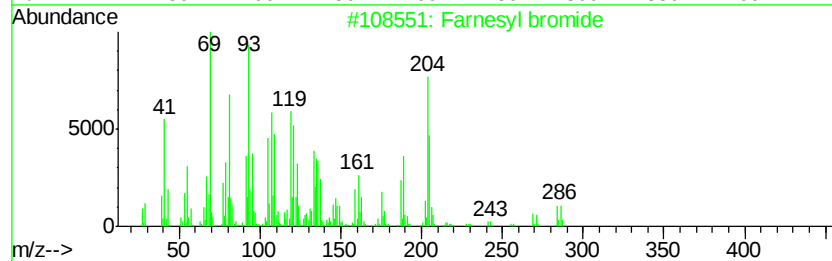
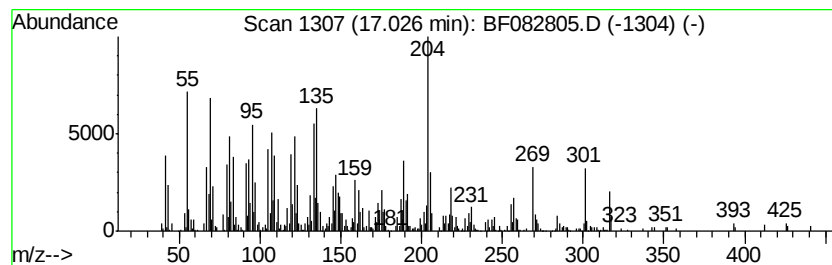
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Farnesyl bromide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	18.74 ng	1340270	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Farnesyl bromide	284	C15H25Br	006874-67-5	60
2		(-)-Carvophyllene-(I1)	204	C15H24	1000156-13-1	58
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	58
5		Aciphyllene	204	C15H24	087745-31-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

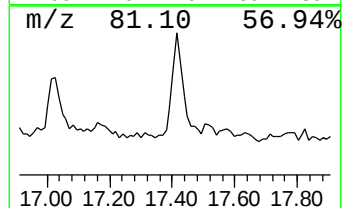
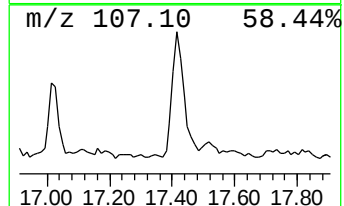
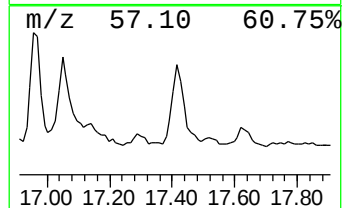
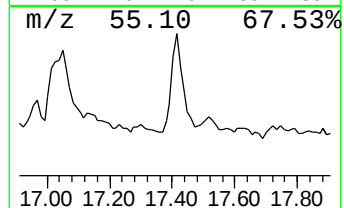
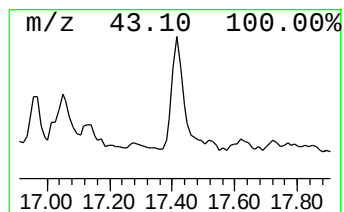
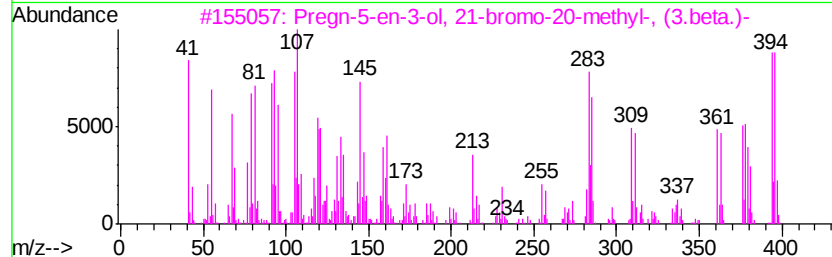
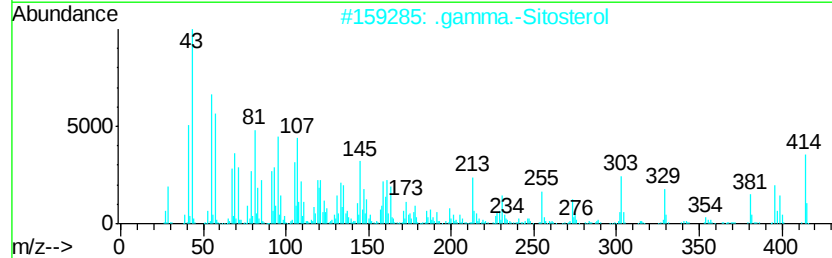
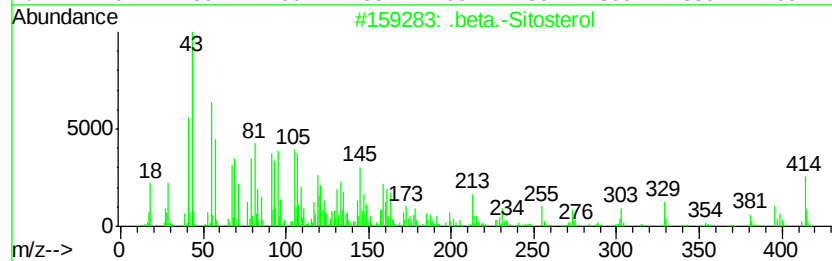
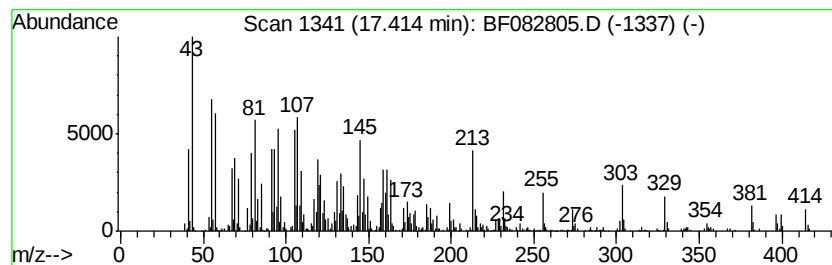
Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

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

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

Peak Number 17 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	26.96 ng	1928830	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 99
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 93
4		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 90
5		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

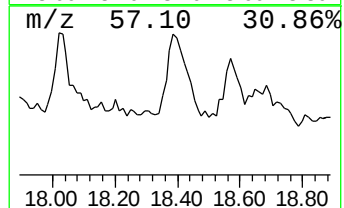
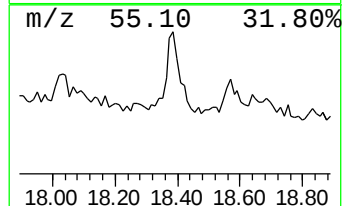
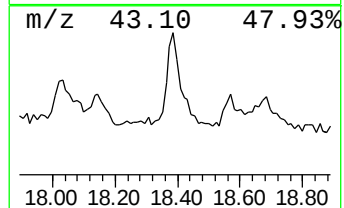
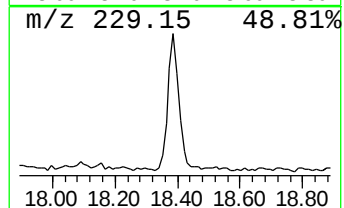
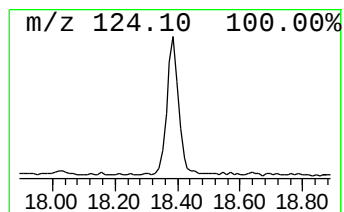
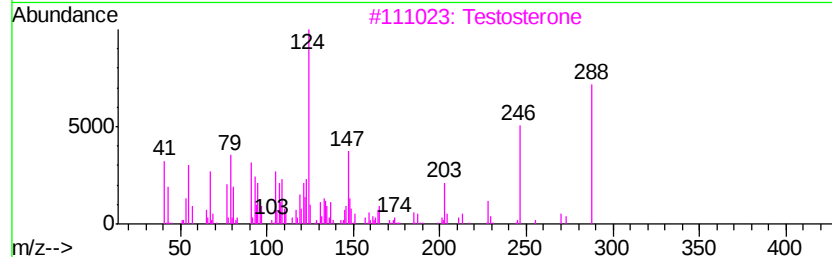
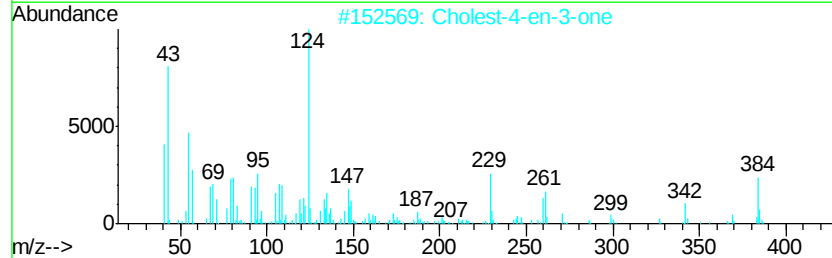
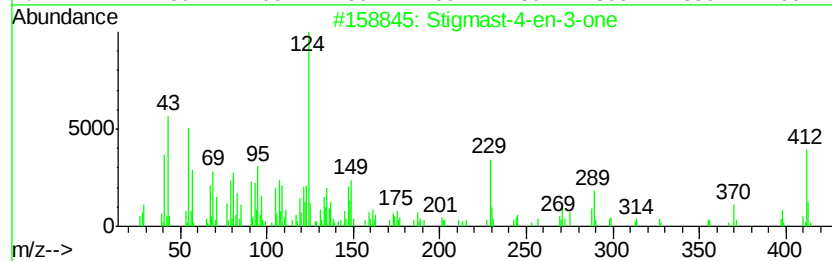
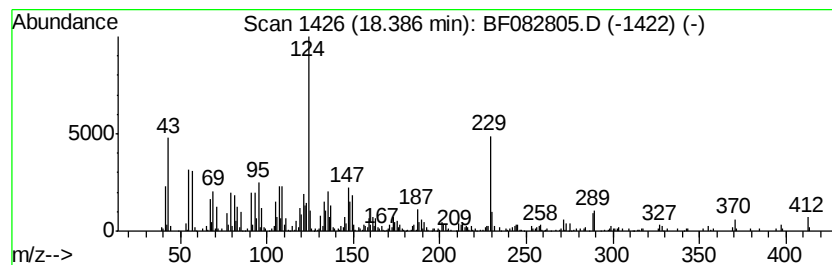
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Stigmast-4-en-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	13.03 ng	931898	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2		Cholest-4-en-3-one	384	C27H44O	000601-57-0	81
3		Testosterone	288	C19H28O2	000058-22-0	60
4		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	52
5		Phosphine, (1,1-dimethylethyl)me...	180	C11H17P	007621-16-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

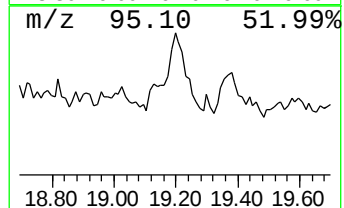
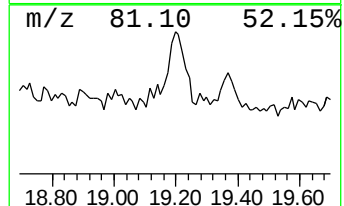
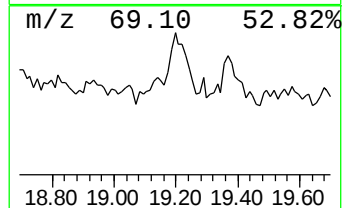
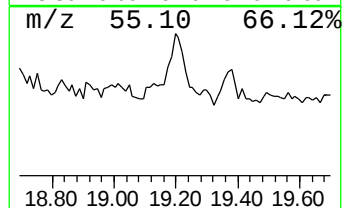
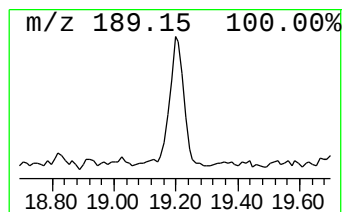
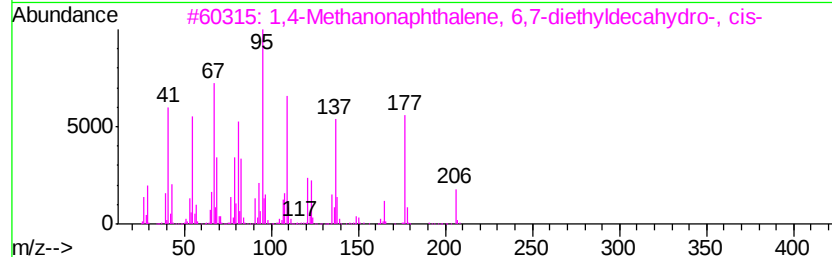
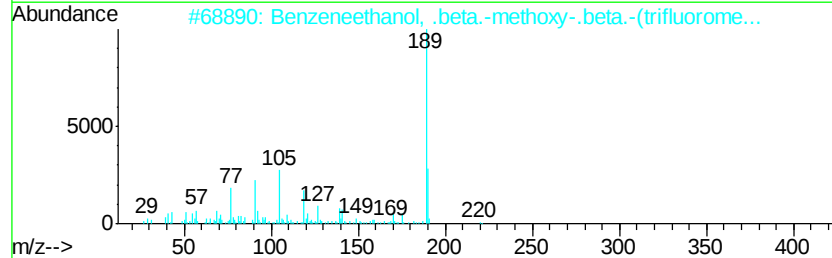
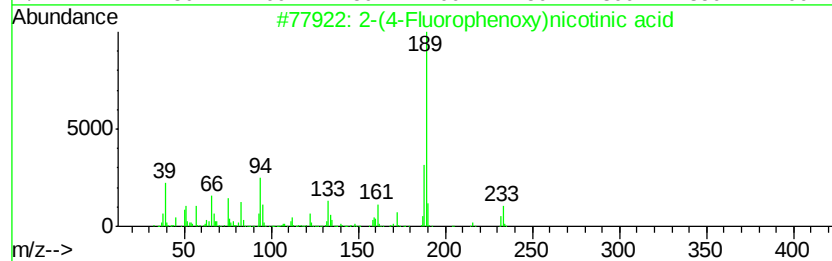
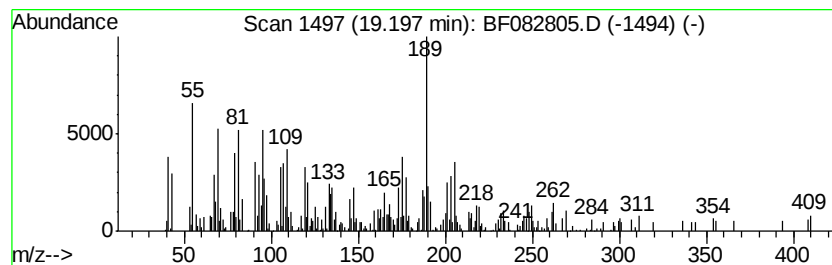
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	7.90 ng	565246	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(4-Fluorophenoxy)nicotinic acid	233	C12H8FN03	054629-13-9	22
2		Benzeneethanol, .beta.-methoxy-....	220	C10H11F302	052356-17-9	22
3		1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	20
4		Benzene, p-di-tert-pentyl-	218	C16H26	003373-10-2	18
5		8-Amino-5-ethoxy-6-methoxyquinoline	218	C12H14N202	064992-85-4	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082805.D
Acq On : 7 Nov 2015 12:33
Operator : UM/IZ
Sample : G4257-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

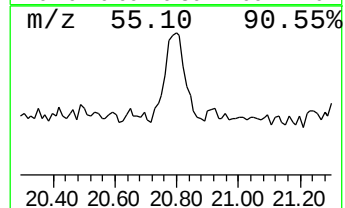
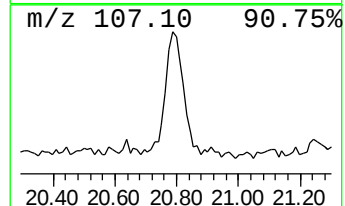
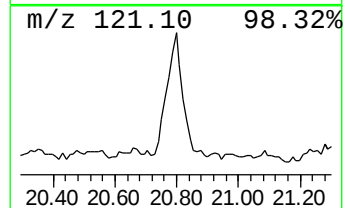
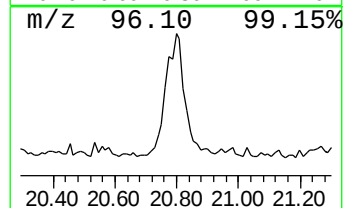
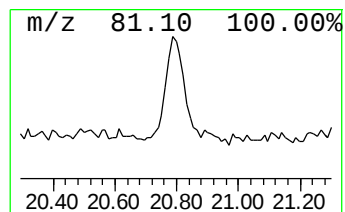
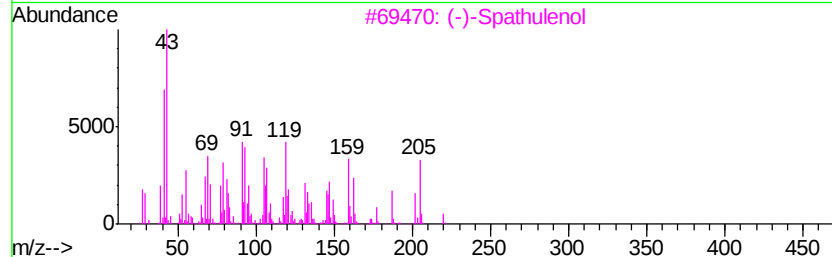
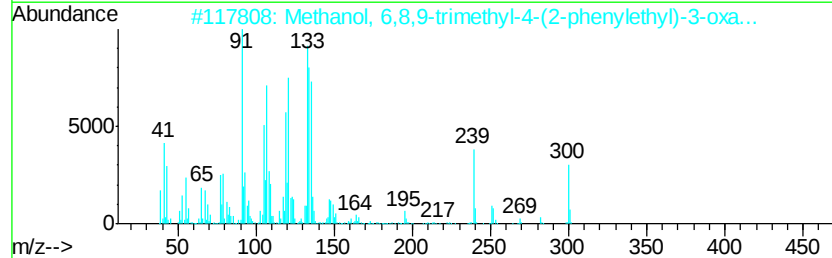
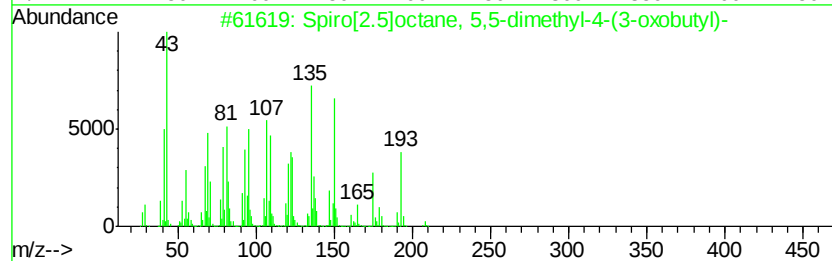
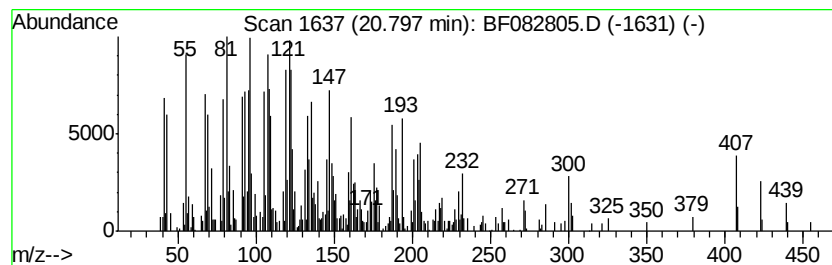
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown20.80 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	16.47 ng	1178540	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spino[2.5]octane, 5,5-dimethyl-4...	208	C14H24O	077143-32-9	43
2		Methanol, 6,8,9-trimethyl-4-(2-p...	300	C20H28O2	1000277-01-1	27
3		(-)-Spathulenol	220	C15H24O	077171-55-2	11
4		Androst-1-en-3-one, 4,4-dimethyl...	300	C21H32O	054550-04-8	11
5		Androst-4-ene-3,11,17-trione	300	C19H24O3	000382-45-6	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082805.D
 Acq On : 7 Nov 2015 12:33
 Operator : UM/IZ
 Sample : G4257-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-10(0-2)

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	43.6	ng	3385780	1	6.85	1553950	20.0
unknown6.61	6.61	76.3	ng	5926390	1	6.85	1553950	20.0
n-Hexadecanoic acid	11.92	9.1	ng	979744	4	11.37	2143030	20.0
Pentafluoropropio...	13.87	10.8	ng	912176	5	14.01	1696920	20.0
1-Docosene	14.51	12.2	ng	1031070	5	14.01	1696920	20.0
Octadecanal	14.93	3.5	ng	254135	6	15.44	1430710	20.0
2-Bromo dodecane	15.13	17.7	ng	1265950	6	15.44	1430710	20.0
Nonadecane	15.49	3.6	ng	257870	6	15.44	1430710	20.0
Eicosane, 10-methyl-	15.92	17.4	ng	1248440	6	15.44	1430710	20.0
E-15-Heptadecenal	15.96	11.5	ng	824224	6	15.44	1430710	20.0
unknown16.05	16.05	4.8	ng	345652	6	15.44	1430710	20.0
Oxirane, hexadecyl-	16.67	5.6	ng	400082	6	15.44	1430710	20.0
Ergost-5-en-3-ol,...	16.88	4.4	ng	315745	6	15.44	1430710	20.0
Docosane, 11-butyl-	16.97	4.0	ng	284644	6	15.44	1430710	20.0
Farnesyl bromide	17.03	18.7	ng	1340270	6	15.44	1430710	20.0
.beta.-Sitosterol	17.41	27.0	ng	1928830	6	15.44	1430710	20.0
Stigmast-4-en-3-one	18.39	13.0	ng	931898	6	15.44	1430710	20.0
unknown19.20	19.20	7.9	ng	565246	6	15.44	1430710	20.0
unknown20.80	20.80	16.5	ng	1178540	6	15.44	1430710	20.0