

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081819.D
 Acq On : 25 Sep 2015 23:28
 Operator : UM/IZ
 Sample : G3804-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1509113666

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-BF092415.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	5.131	260	262	265	rVB	865433	1202292	3.48%	0.808%
2	5.554	295	299	302	rBV	1623555	2258598	6.54%	1.518%
3	6.572	385	388	390	rVB	2352379	2518282	7.29%	1.693%
4	6.709	398	400	403	rVB	2236696	2245675	6.50%	1.510%
5	6.949	419	421	424	rBV	1559998	1577283	4.57%	1.060%
6	7.063	429	431	432	rBV	484957	473574	1.37%	0.318%
7	7.097	432	434	436	rVB	1410013	1984019	5.75%	1.334%
8	7.509	467	470	475	rBV	1466997	1567562	4.54%	1.054%
9	8.229	529	533	535	rBV2	948643	1812106	5.25%	1.218%
10	8.492	552	556	560	rBV	303451	504971	1.46%	0.339%
11	8.617	560	567	569	rBV	753439	1742398	5.05%	1.171%
12	8.743	573	578	580	rBV	635237	1109742	3.21%	0.746%
13	8.823	582	585	587	rVB	1844802	1703836	4.93%	1.145%
14	8.949	594	596	597	rBV	735217	588151	1.70%	0.395%
15	9.315	626	628	629	rVV	2835538	2960627	8.57%	1.990%
16	9.452	637	640	642	rVV	580222	602752	1.75%	0.405%
17	9.989	685	687	691	rVB	1435278	1262145	3.65%	0.848%
18	10.240	707	709	711	rVV	1004127	875537	2.54%	0.589%
19	10.778	754	756	758	rVV	1878084	1843484	5.34%	1.239%
20	10.892	764	766	770	rVB2	440918	560645	1.62%	0.377%
21	11.143	785	788	789	rBV2	506205	531270	1.54%	0.357%
22	11.338	803	805	809	rVB2	369479	751517	2.18%	0.505%
23	11.475	815	817	818	rBV	1273413	1095305	3.17%	0.736%
24	11.521	820	821	824	rVB	617372	726671	2.10%	0.488%
25	11.692	834	836	839	rVB	349374	517517	1.50%	0.348%
26	11.932	853	857	859	rBV2	156044	385178	1.12%	0.259%
27	12.069	861	869	872	rBV2	5943073	20891674	60.50%	14.044%
28	12.138	874	875	877	rVV	411978	440594	1.28%	0.296%
29	12.332	889	892	896	rVB6	161934	419784	1.22%	0.282%
30	12.469	902	904	907	rBV2	366393	516116	1.49%	0.347%
31	12.584	910	914	915	rBV3	260803	488640	1.42%	0.328%
32	12.618	915	917	919	rBV	2309286	2142673	6.20%	1.440%
33	12.812	922	934	936	rBV4	6745516	34532803	100.00%	23.214%
34	12.846	936	937	939	rVV	3280222	2713394	7.86%	1.824%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081819.D
 Acq On : 25 Sep 2015 23:28
 Operator : UM/IZ
 Sample : G3804-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1509113666

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-BF092415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.984	947	949	954	rVV2	222153	418293	1.21%	0.281%
36	13.075	954	957	958	rVB	1675166	2341450	6.78%	1.574%
37	13.292	973	976	978	rVB	968013	966961	2.80%	0.650%
38	13.521	994	996	997	rVV2	383300	543086	1.57%	0.365%
39	13.544	997	998	1004	rVV2	894558	1362497	3.95%	0.916%
40	13.967	1032	1035	1037	rBV	2290079	2676662	7.75%	1.799%
41	14.035	1039	1041	1045	rBV	306491	346275	1.00%	0.233%
42	14.115	1045	1048	1051	rVV2	694490	1133903	3.28%	0.762%
43	14.195	1051	1055	1057	rVV2	284768	436619	1.26%	0.294%
44	14.595	1087	1090	1092	rVV	3256092	5092461	14.75%	3.423%
45	14.629	1092	1093	1096	rVV	351839	571567	1.66%	0.384%
46	14.881	1112	1115	1119	rBV2	2602557	3650595	10.57%	2.454%
47	15.258	1143	1148	1152	rVV2	4857769	12469129	36.11%	8.382%
48	15.372	1155	1158	1161	rVB	412334	752262	2.18%	0.506%
49	15.590	1175	1177	1181	rVV2	648998	1257803	3.64%	0.846%
50	15.647	1181	1182	1191	rVB3	288633	480292	1.39%	0.323%
51	16.058	1215	1218	1220	rBV	1230775	2196363	6.36%	1.476%
52	16.115	1220	1223	1226	rVV	1682685	2984291	8.64%	2.006%
53	16.230	1230	1233	1237	rVB	423642	908869	2.63%	0.611%
54	16.435	1246	1251	1254	rBV2	496855	1012704	2.93%	0.681%
55	16.538	1257	1260	1265	rVB	593401	1150985	3.33%	0.774%
56	17.075	1304	1307	1311	rVB	294508	637039	1.84%	0.428%
57	17.235	1317	1321	1328	rVB2	1105440	2622591	7.59%	1.763%
58	17.658	1352	1358	1363	rVV3	1562639	3996355	11.57%	2.686%
59	17.761	1363	1367	1372	rVB2	289525	840910	2.44%	0.565%
60	18.116	1394	1398	1404	rBV	117637	349358	1.01%	0.235%
61	18.344	1413	1418	1422	rVB	151135	394693	1.14%	0.265%
62	19.213	1489	1494	1503	rVB	196659	708971	2.05%	0.477%
63	19.773	1537	1543	1552	rVB2	250526	909871	2.63%	0.612%

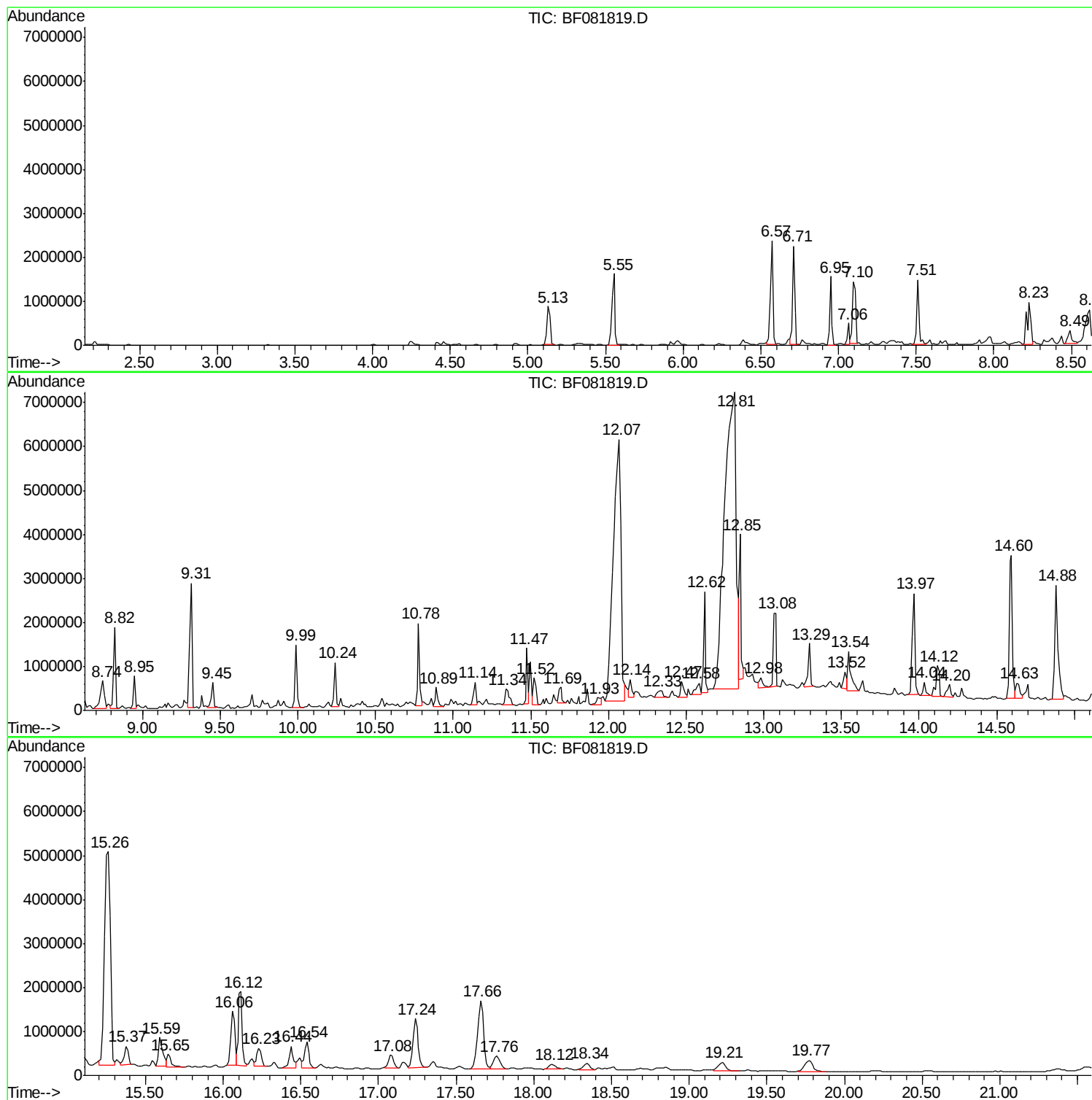
Sum of corrected areas: 148759670

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

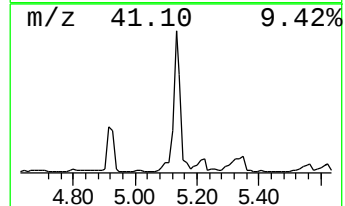
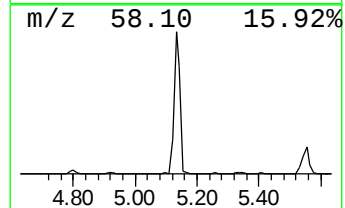
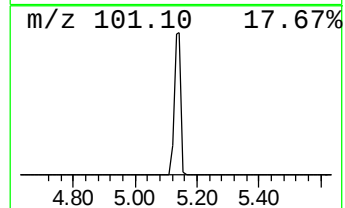
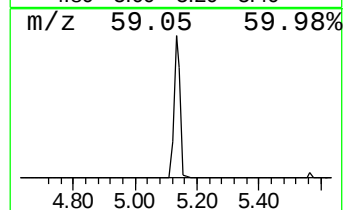
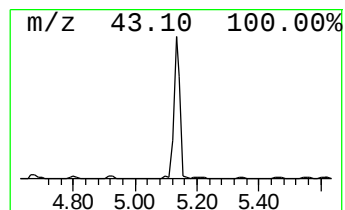
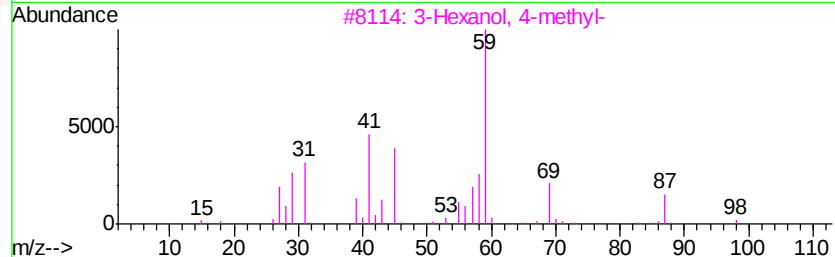
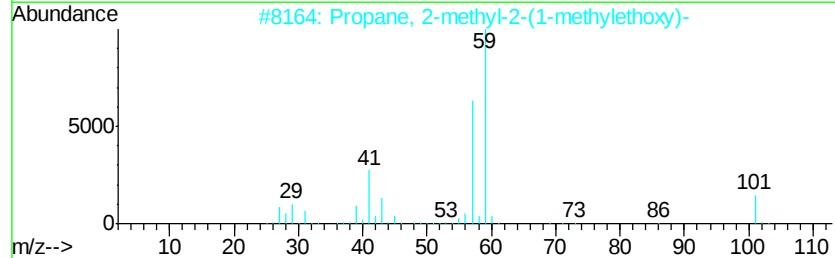
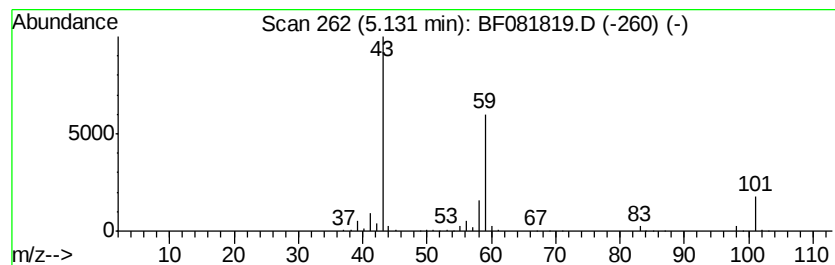
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	15.25 ng	1202290	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

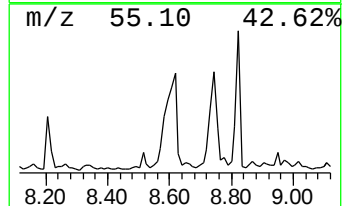
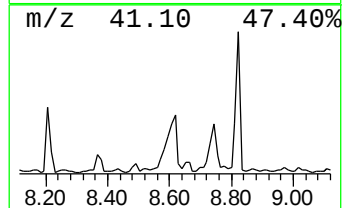
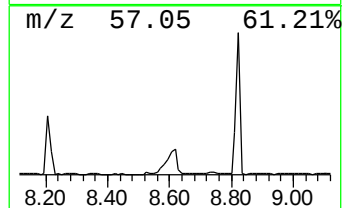
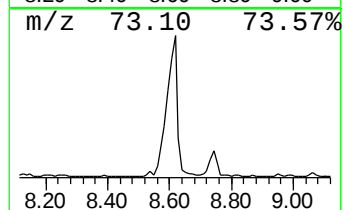
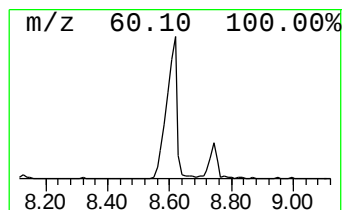
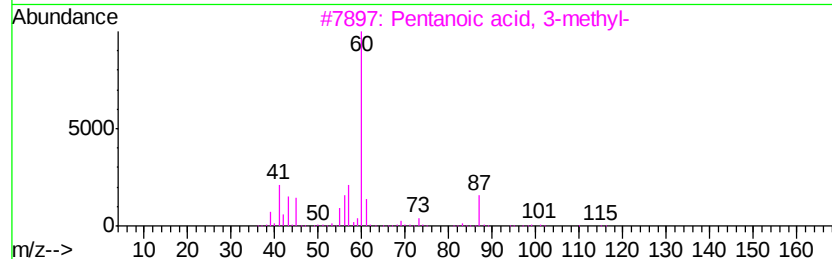
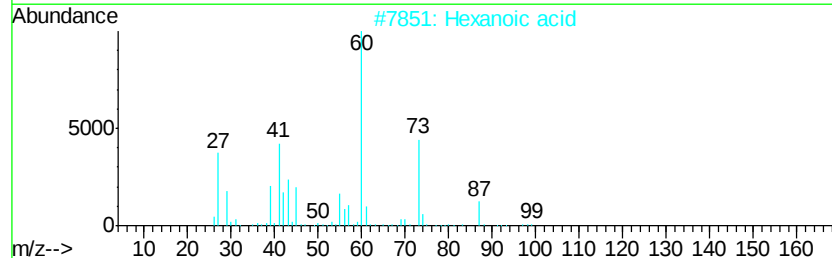
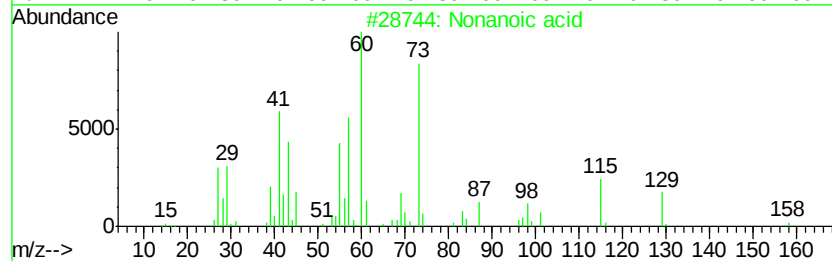
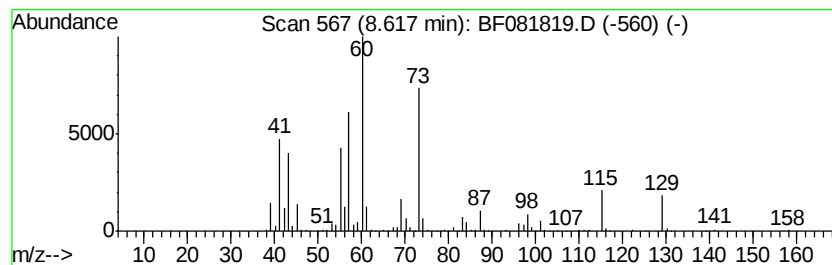
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	19.23 ng	1742400	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	90
2		Hexanoic acid	116	C6H12O2	000142-62-1	53
3		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47
4		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43
5		Octanoic Acid	144	C8H16O2	000124-07-2	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

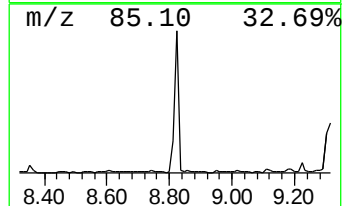
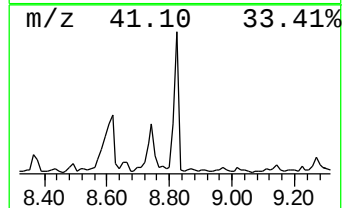
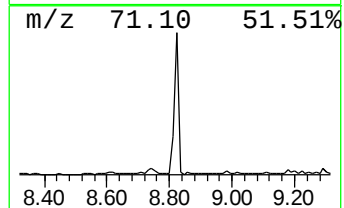
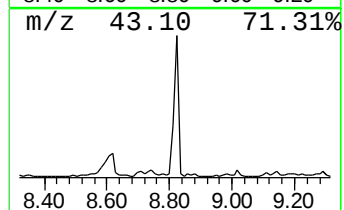
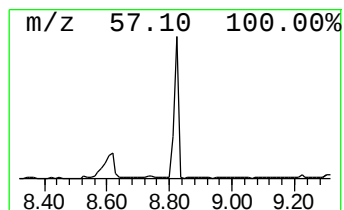
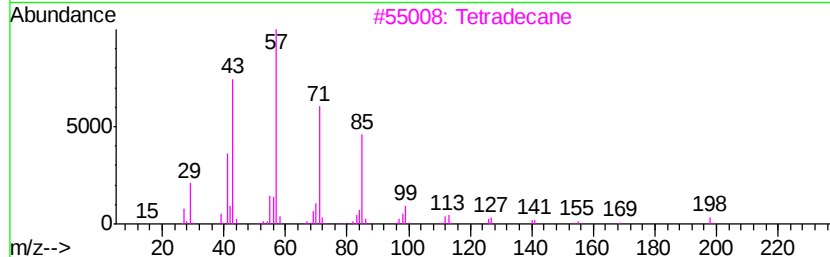
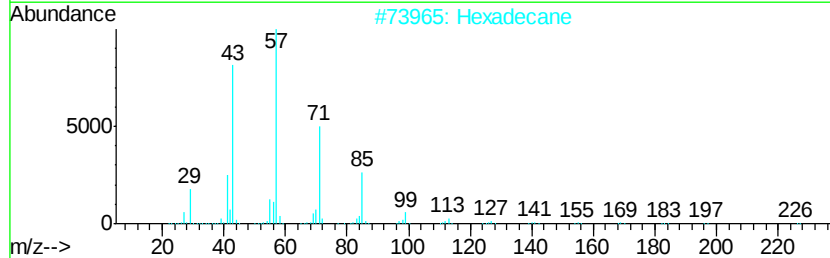
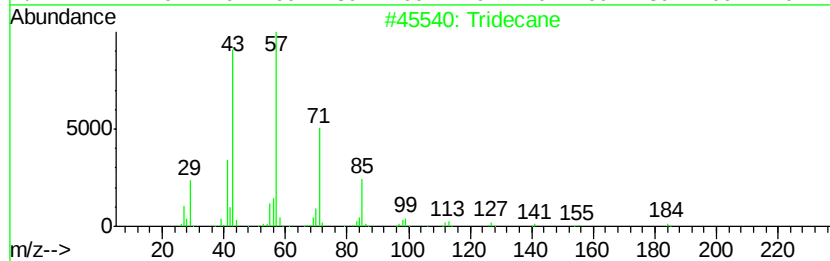
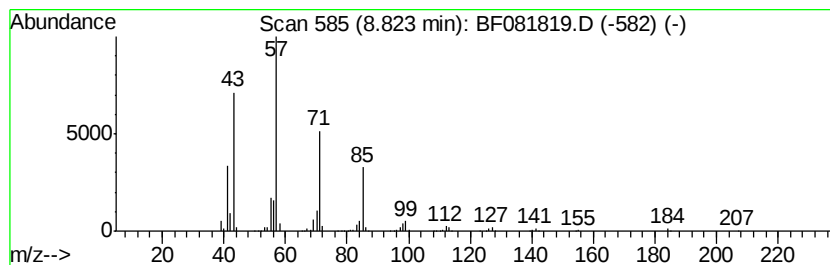
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	18.81 ng	1703840	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

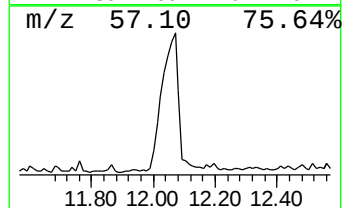
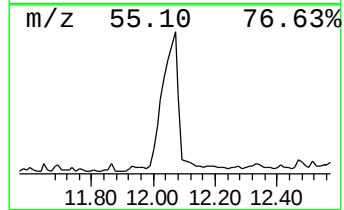
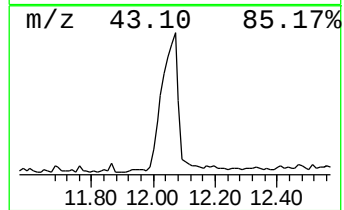
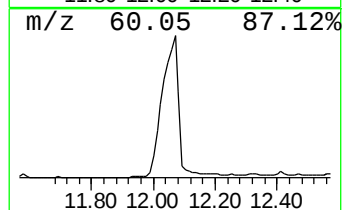
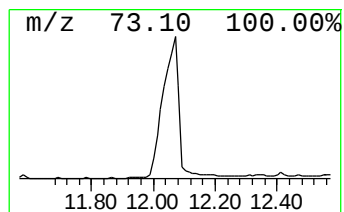
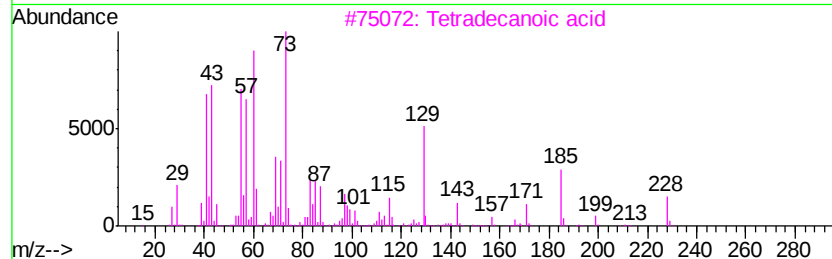
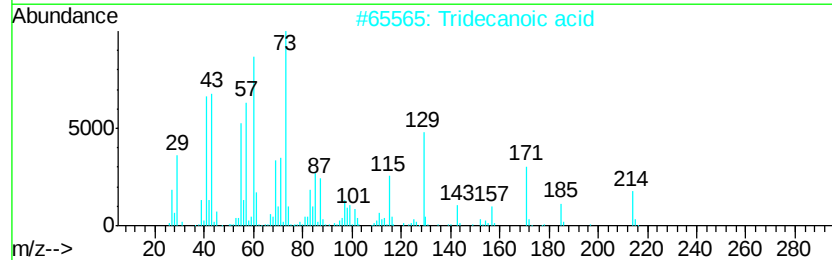
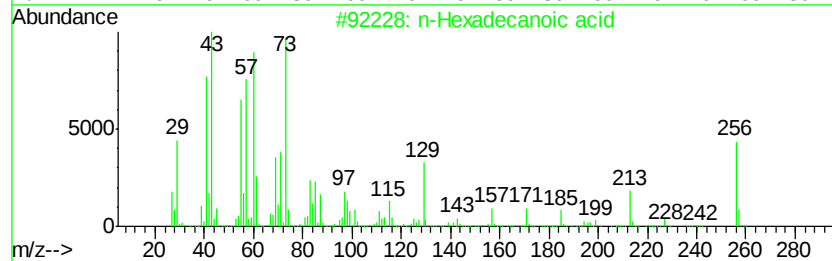
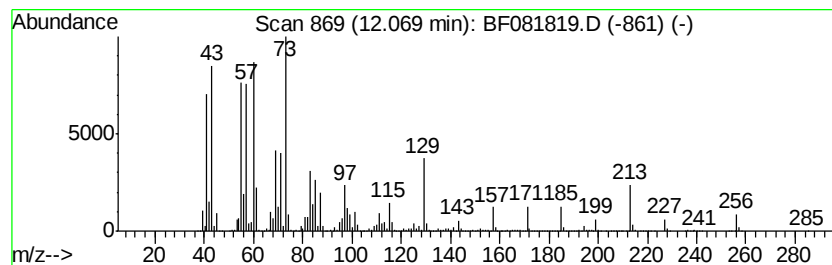
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	381.48 ng	20891700	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Estra-1,3,5(10)-trien-17.β.-ol	256	C18H24O	002529-64-8	30
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

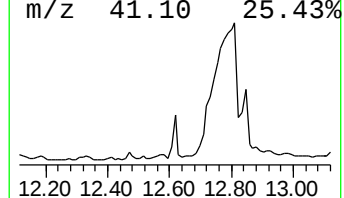
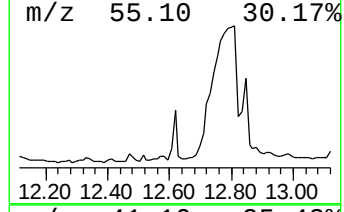
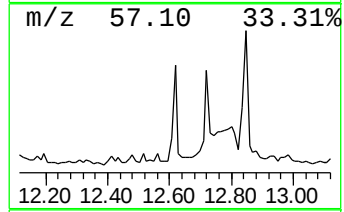
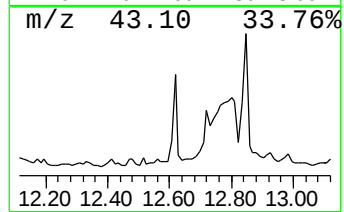
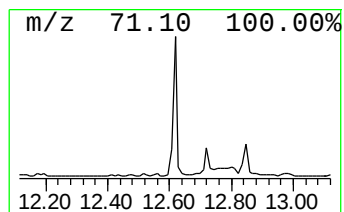
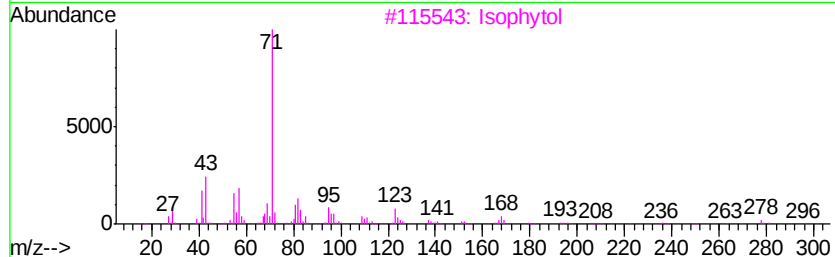
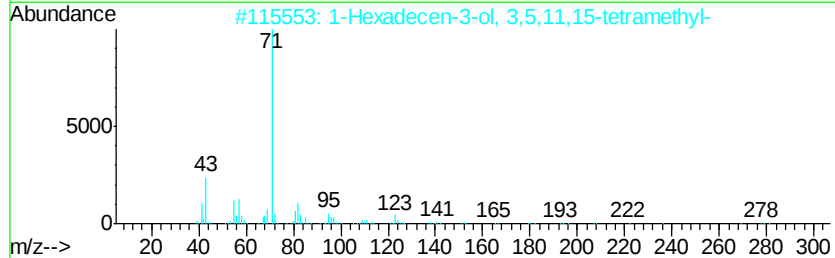
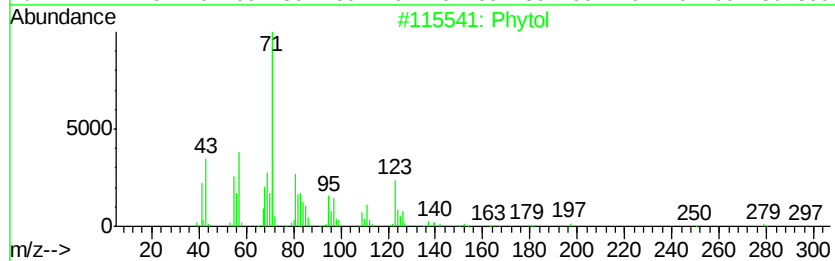
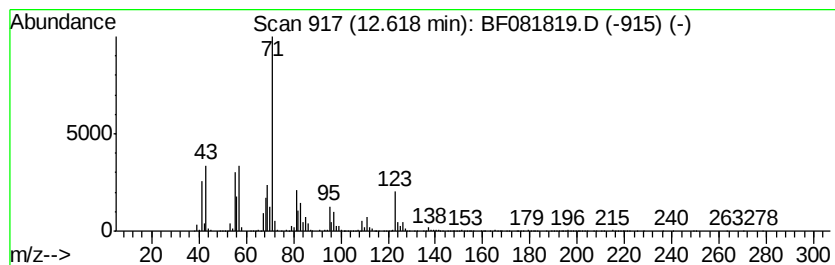
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phytol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	39.12 ng	2142670	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phytol	296	C20H40O	000150-86-7	86
2		1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64
3		Isophytol	296	C20H40O	000505-32-8	59
4		Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	53
5		Heptan-2-ol, 5-(2-tetrahydrofurf...	200	C12H24O2	281676-71-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

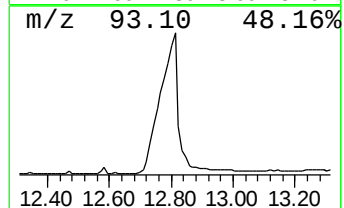
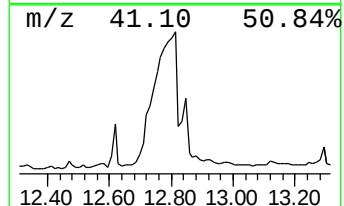
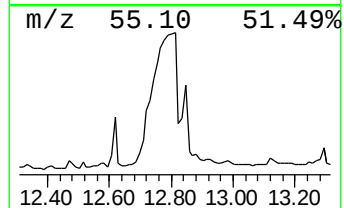
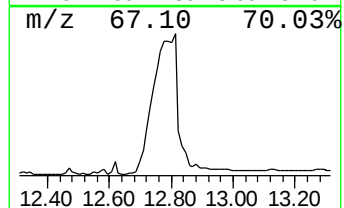
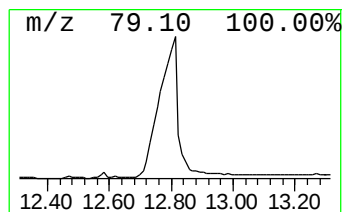
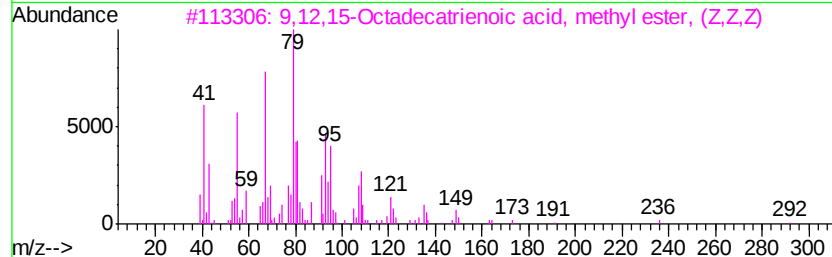
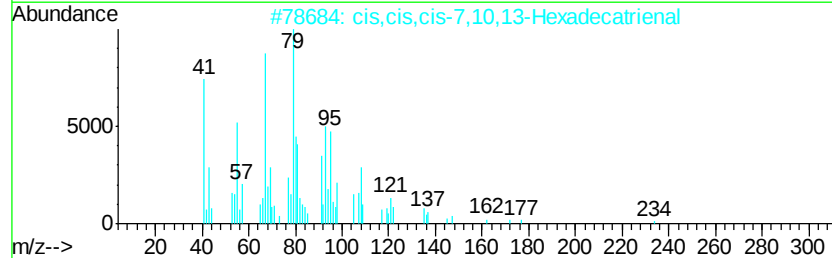
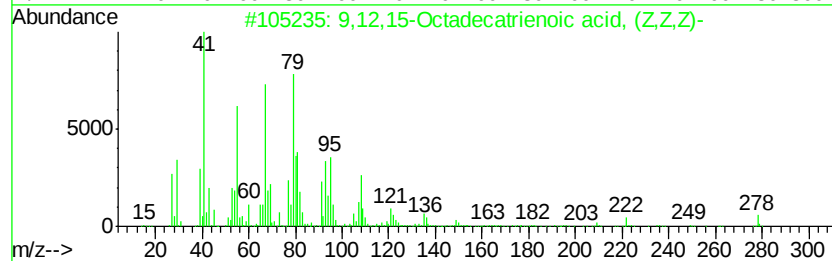
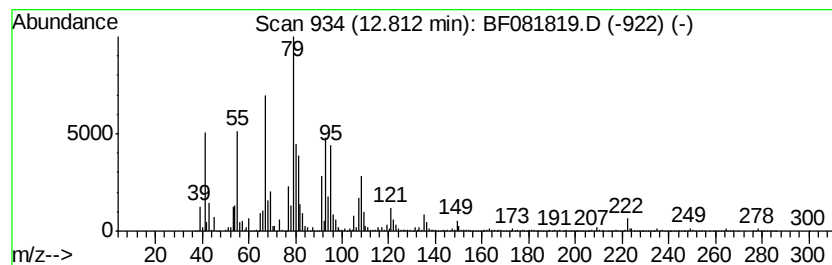
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12,15-Octadecatrienoic ac... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	609.10 ng	34532800	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2		000463-40-1	91
2	cis,cis,cis-7,10,13-Hexadecatrienal	234	C16H26O		056797-43-4	91
3	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2		000301-00-8	90
4	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O		000506-44-5	87
5	9,12,15-Octadecatrienal	262	C18H30O		026537-71-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

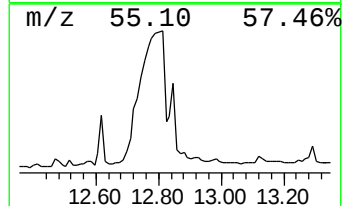
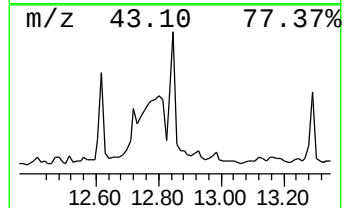
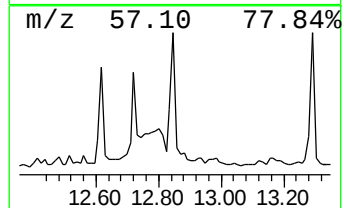
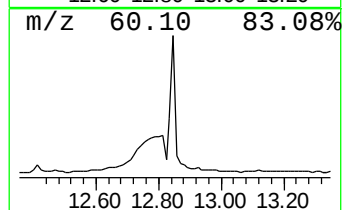
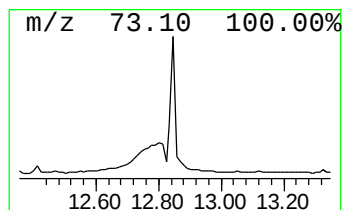
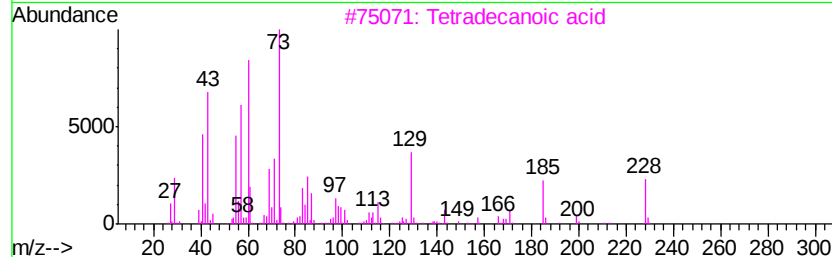
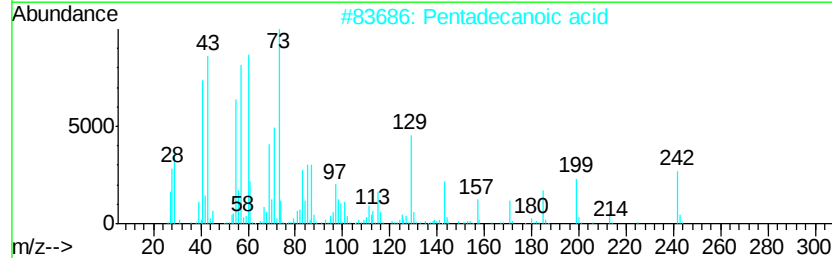
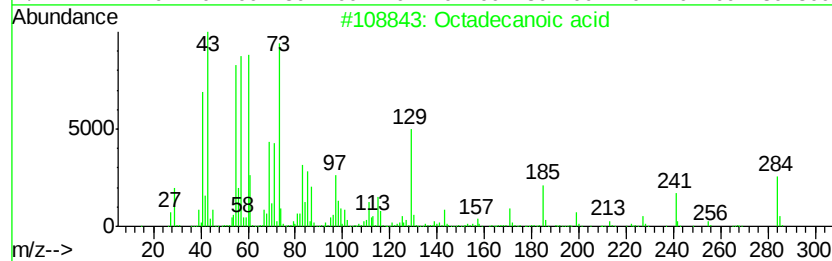
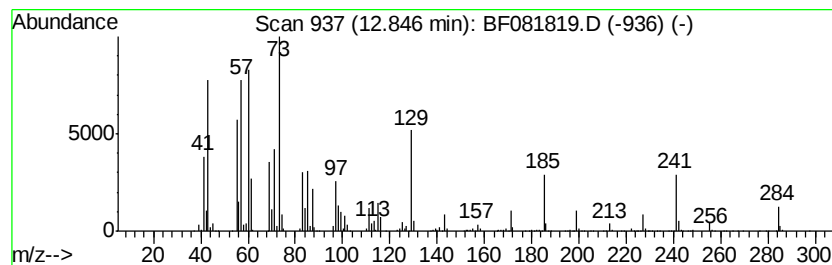
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	47.86 ng	2713390	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	25
5		N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

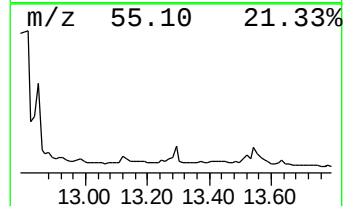
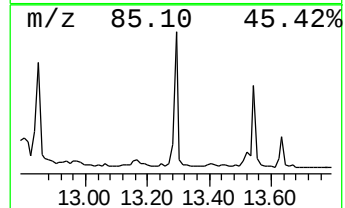
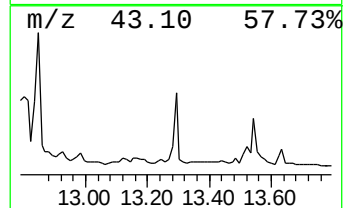
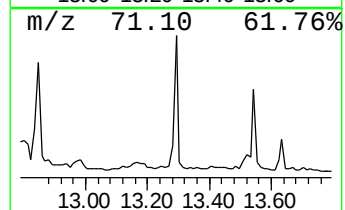
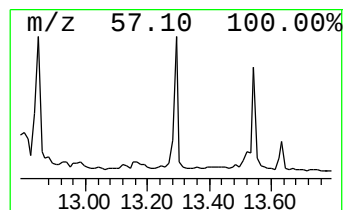
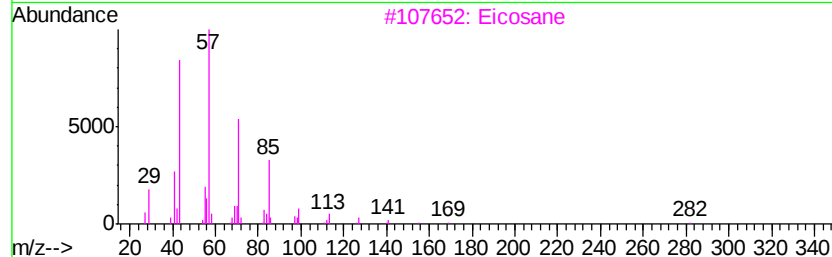
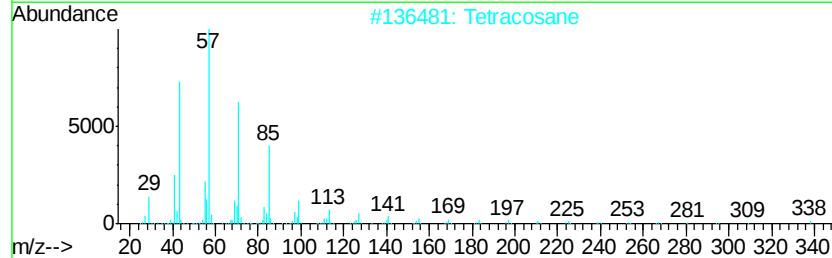
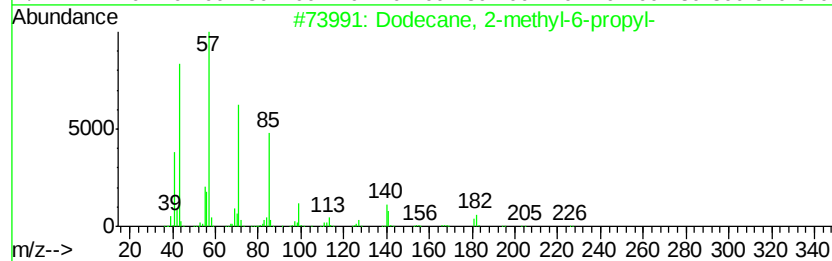
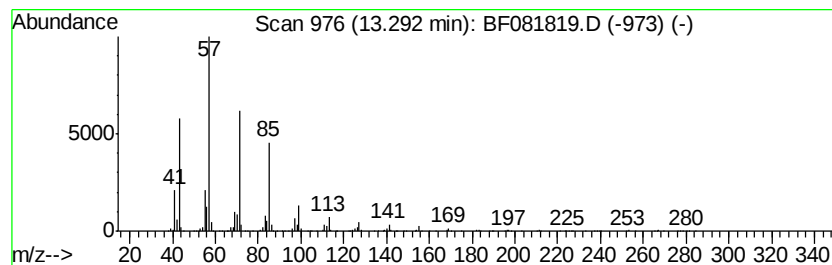
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	17.06 ng	966961	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Tetracosane	338	C24H50	000646-31-1	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

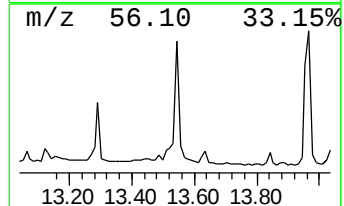
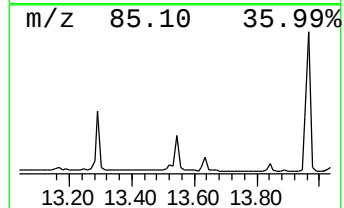
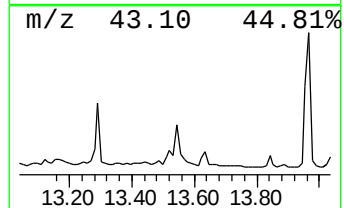
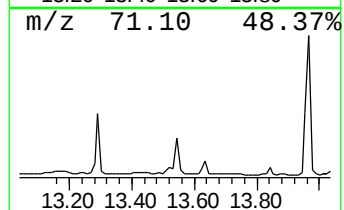
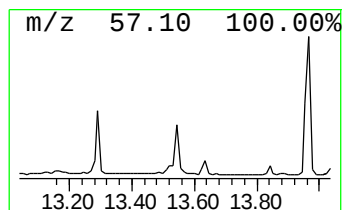
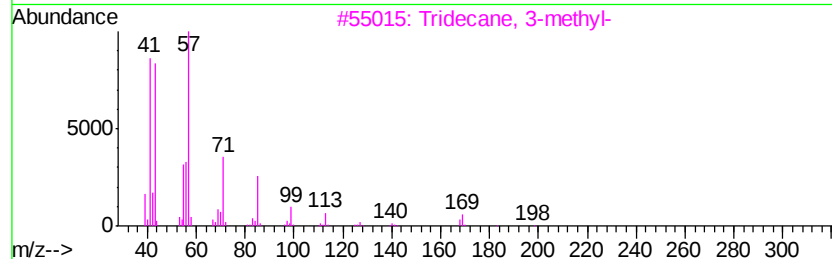
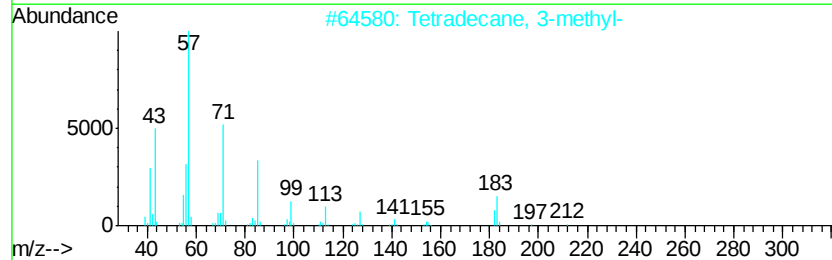
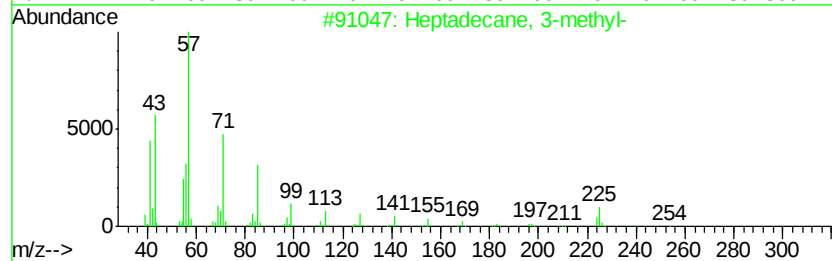
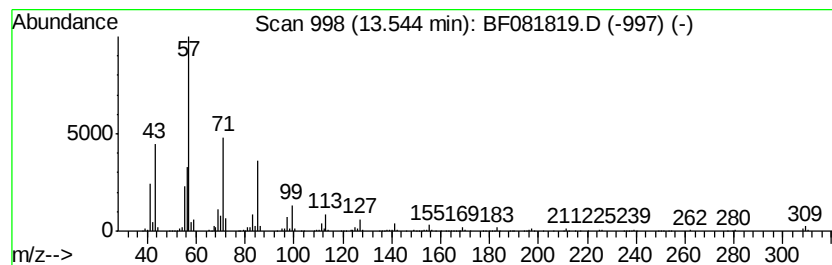
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	24.03 ng	1362500	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	90
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
4		Octacosane	394	C28H58	000630-02-4	83
5		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

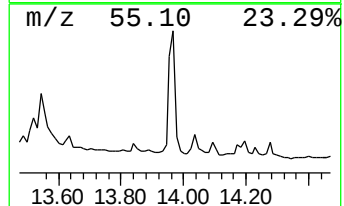
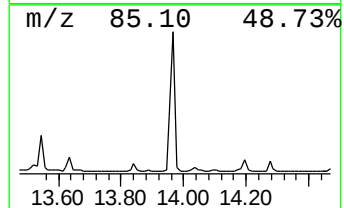
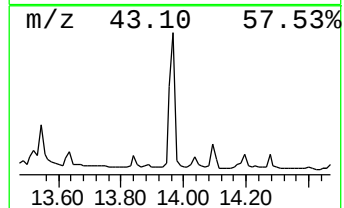
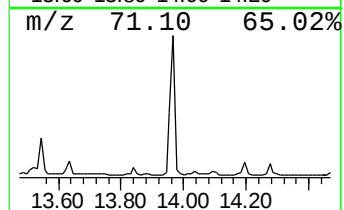
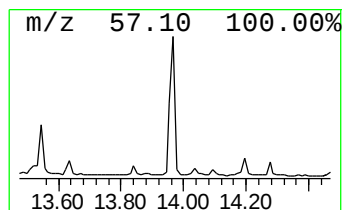
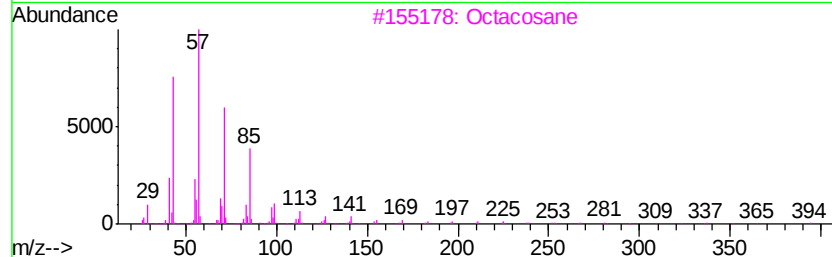
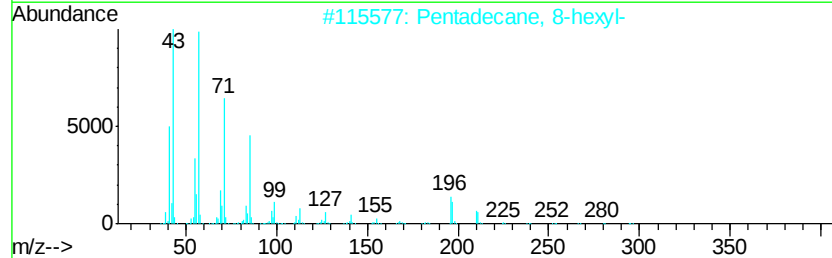
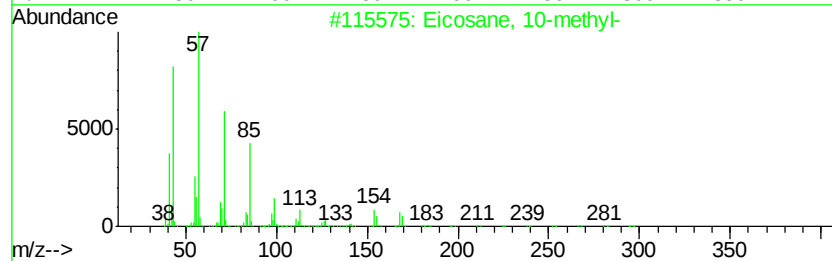
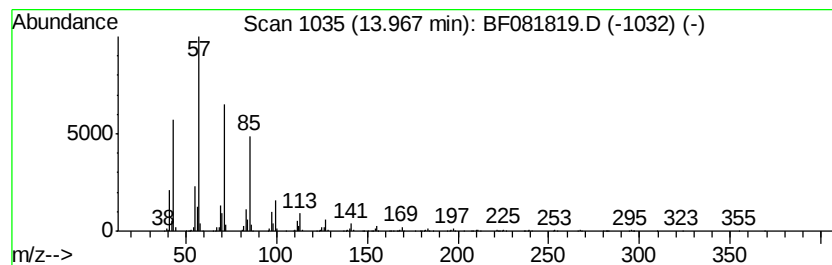
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	47.21 ng	2676660	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

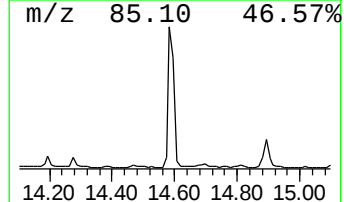
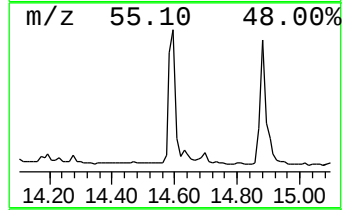
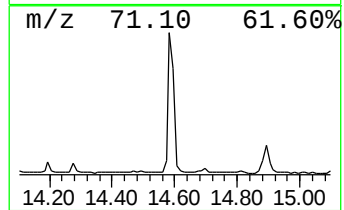
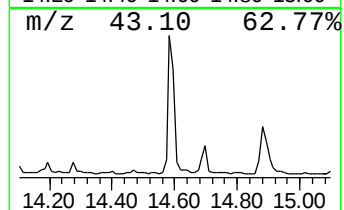
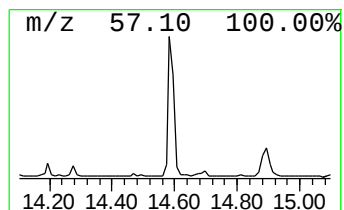
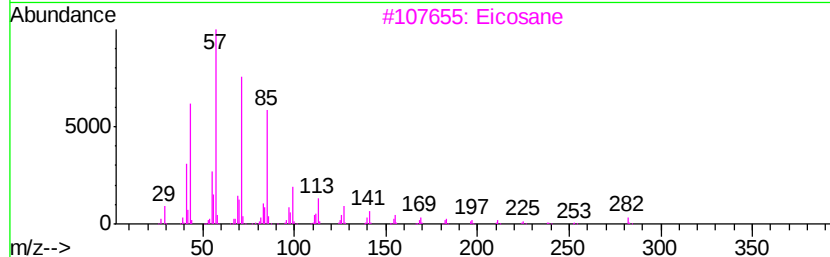
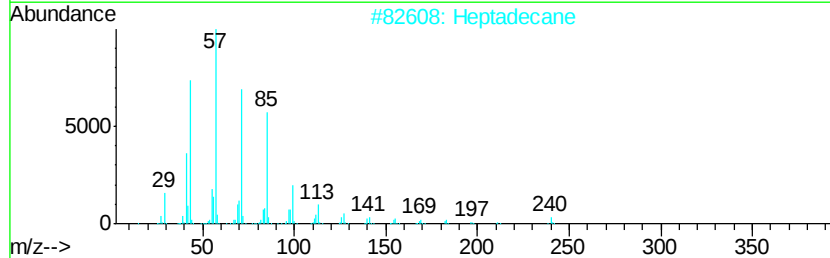
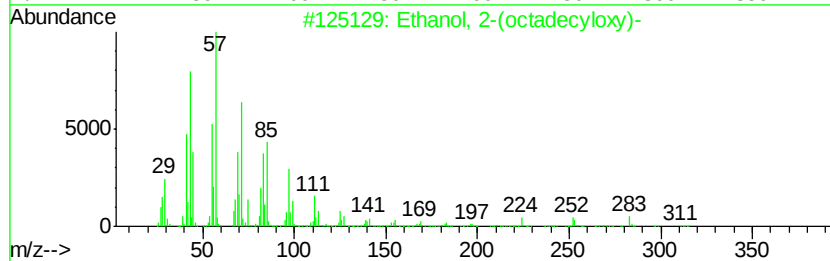
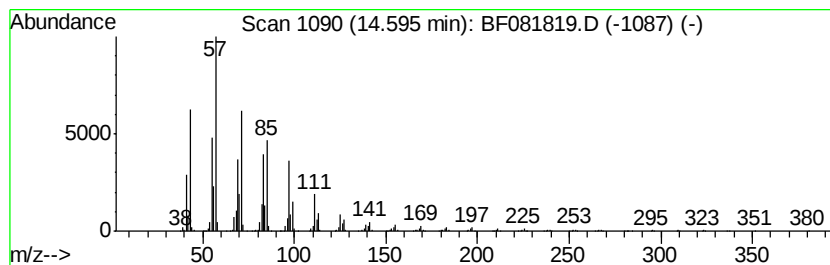
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Ethanol, 2-(octadecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	89.82 ng	5092460	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	90
2		Heptadecane	240	C17H36	000629-78-7	62
3		Eicosane	282	C20H42	000112-95-8	60
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	58
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

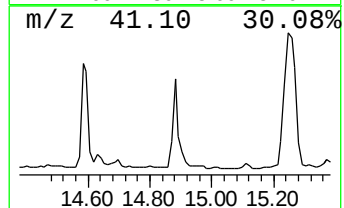
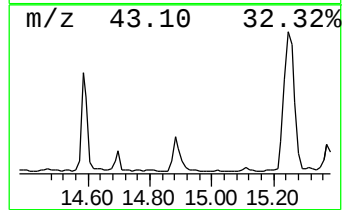
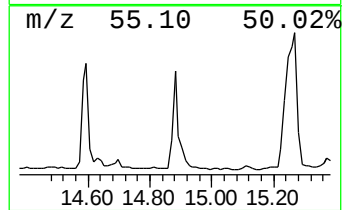
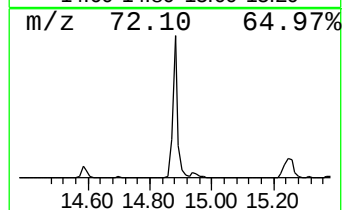
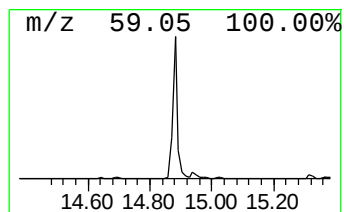
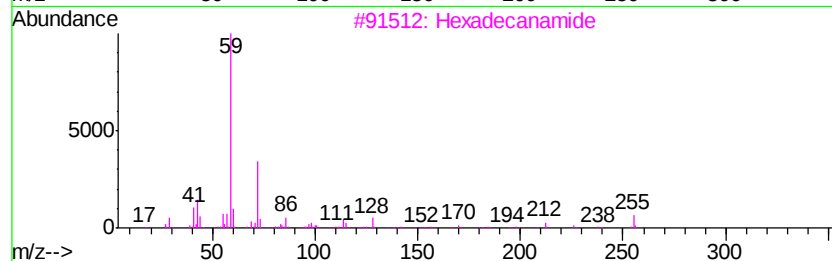
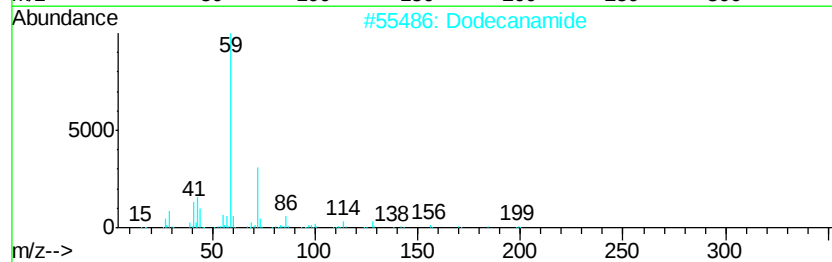
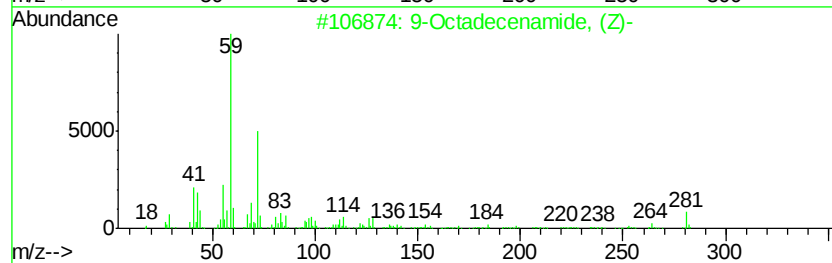
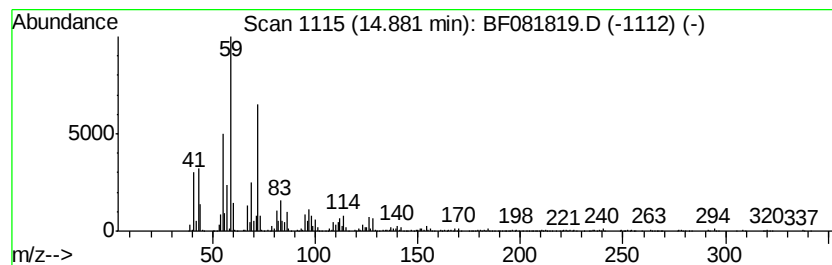
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	58.05 ng	3650600	Perylene-d12	15.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		Dodecanamide	199	C12H25NO	001120-16-7	59
3		Hexadecanamide	255	C16H33NO	000629-54-9	59
4		Decanamide-	171	C10H21NO	002319-29-1	59
5		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

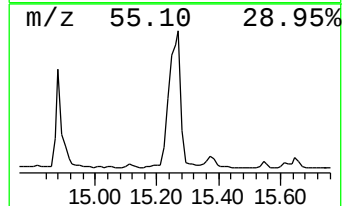
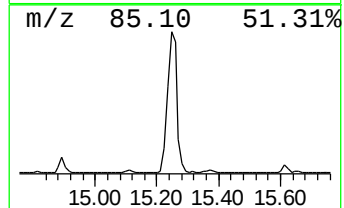
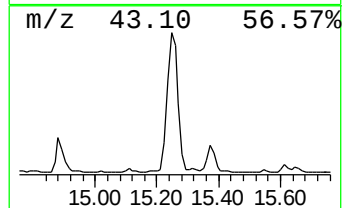
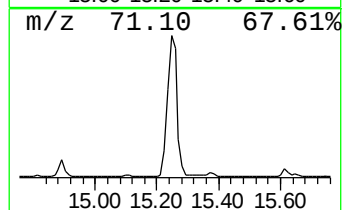
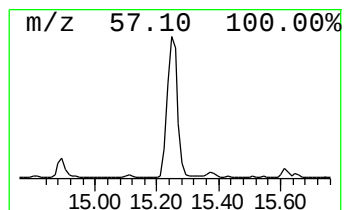
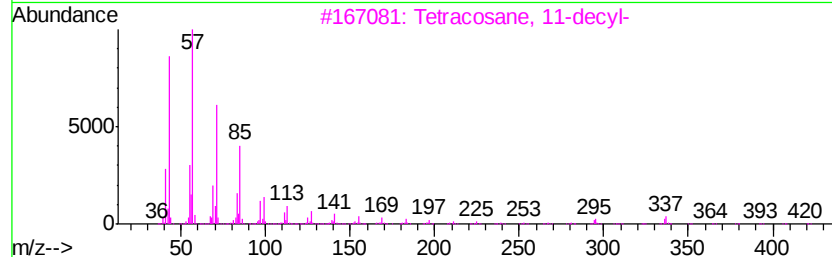
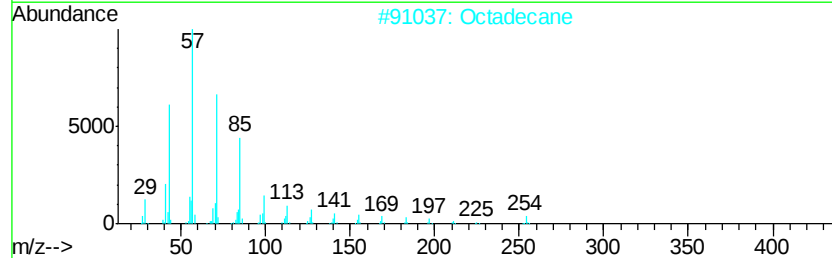
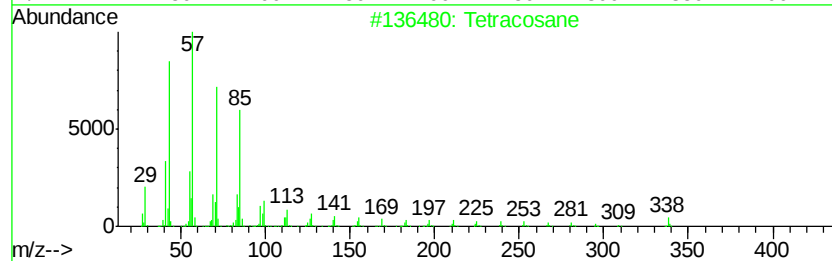
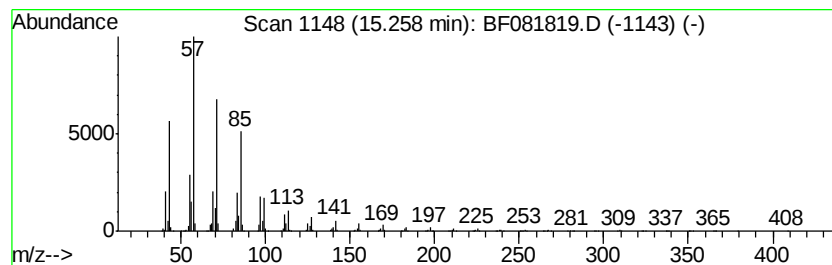
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	198.27 ng	12469100	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Octadecane	254	C18H38	000593-45-3	94
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

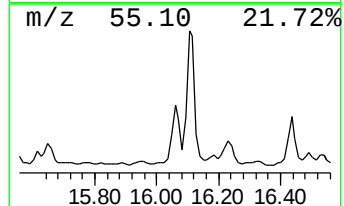
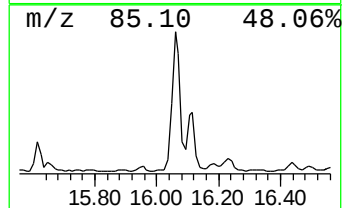
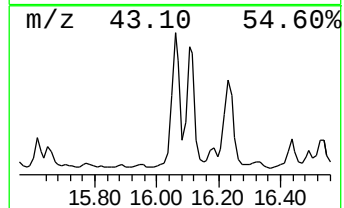
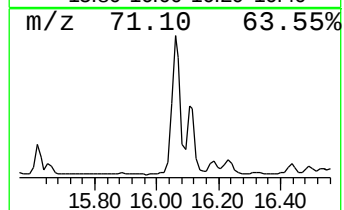
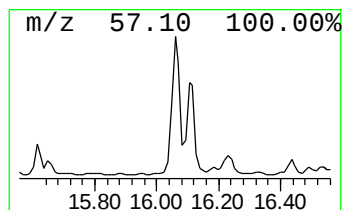
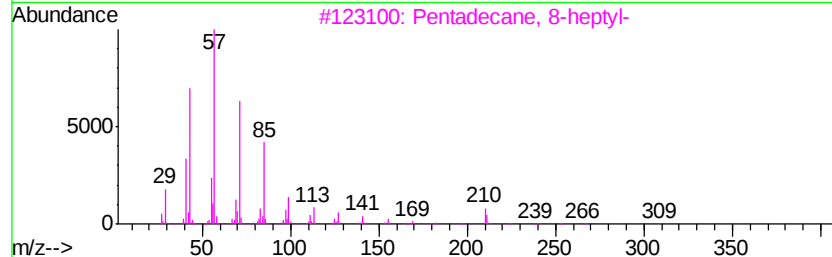
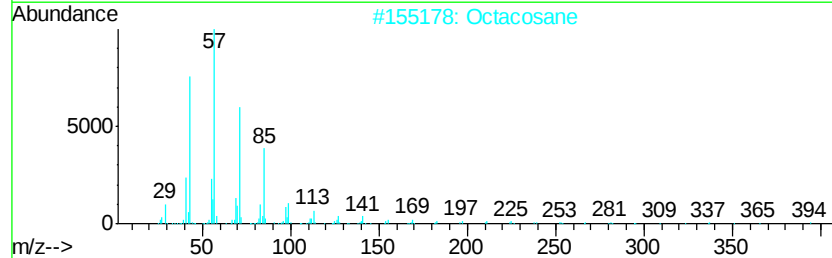
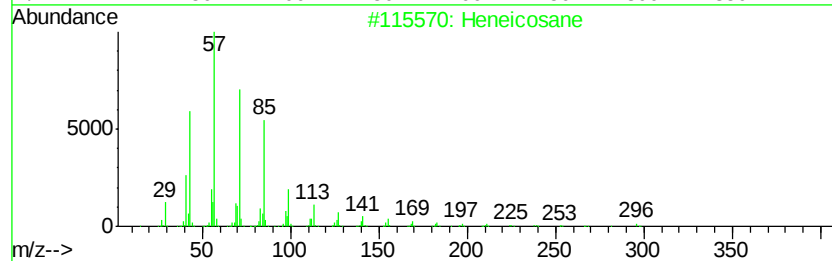
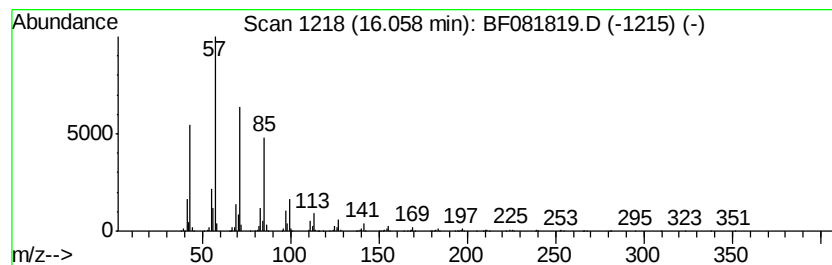
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	34.92 ng	2196360	Perylene-d12	15.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	91
4	Hexadecane		226	C16H34	000544-76-3	87
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

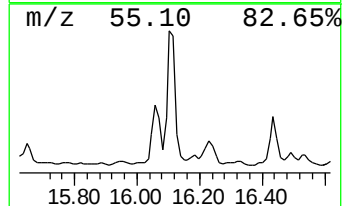
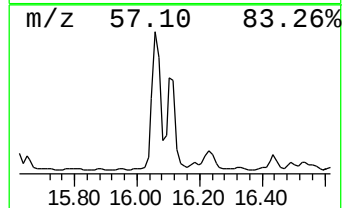
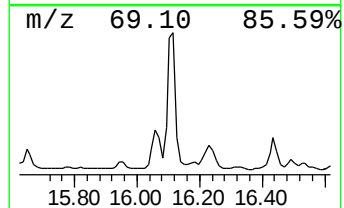
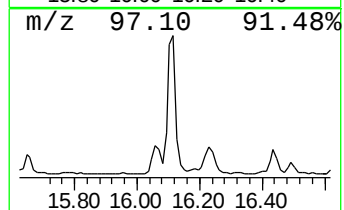
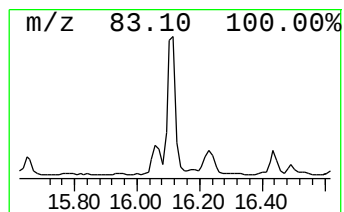
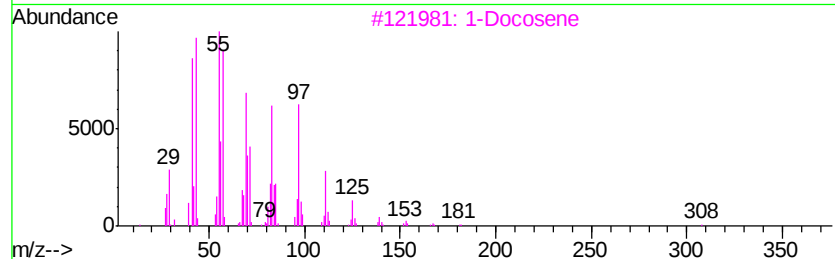
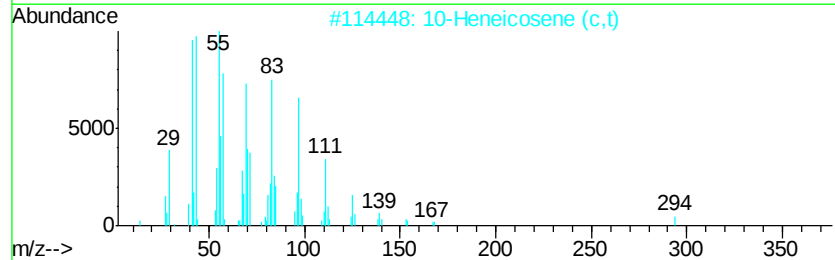
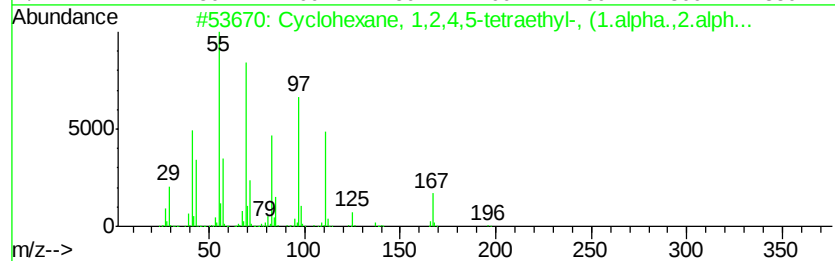
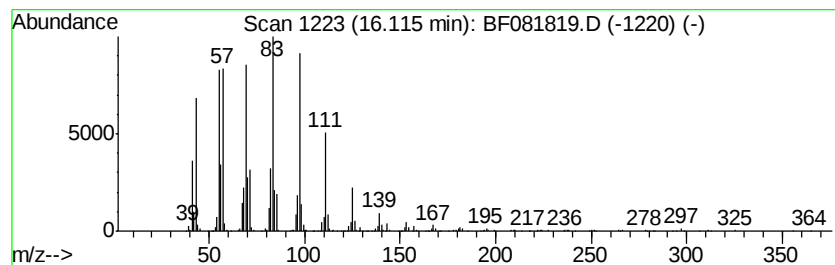
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexane, 1,2,4,5-tetrae... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	47.45 ng	2984290	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	68
2		10-Heneicosene (c,t)	294	C21H42	095008-11-0	62
3		1-Docosene	308	C22H44	001599-67-3	53
4		1-Octadecanol	270	C18H38O	000112-92-5	43
5		1-Hexacosanol	382	C26H54O	000506-52-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

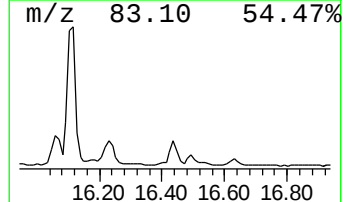
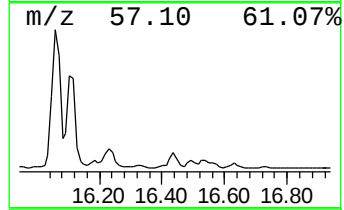
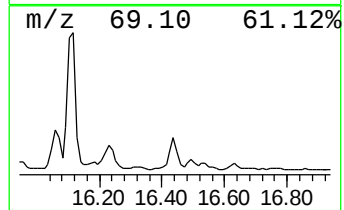
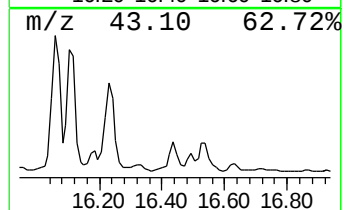
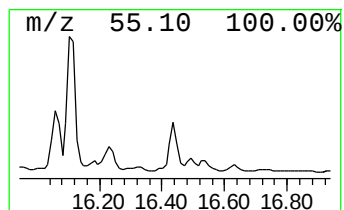
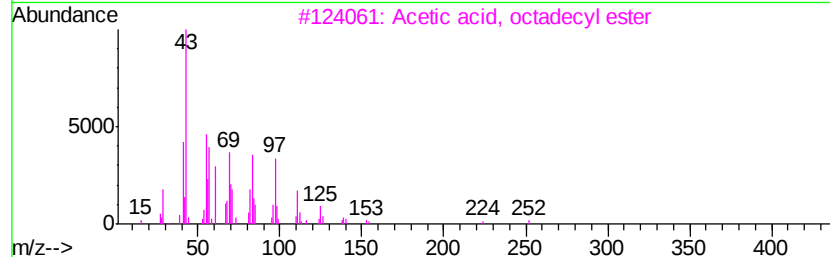
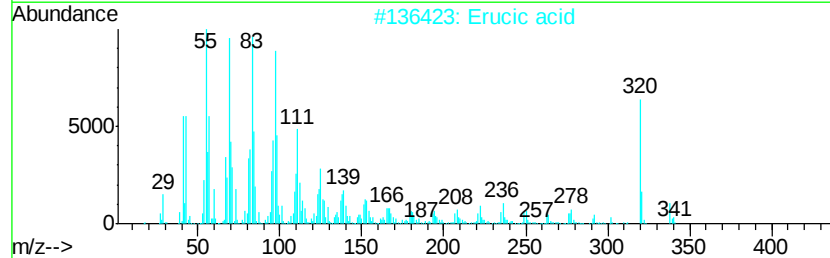
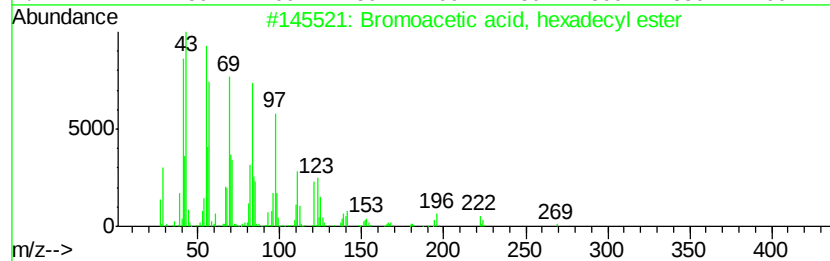
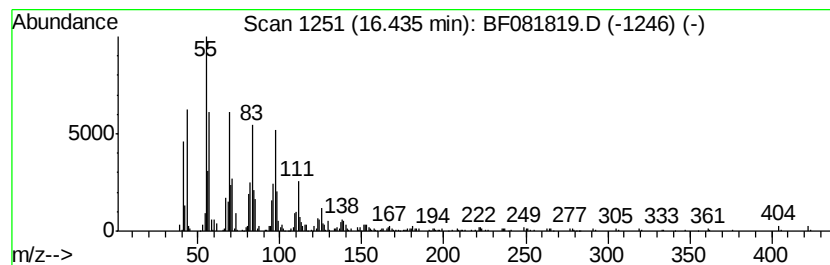
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Bromoacetic acid, hexadecyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	16.10 ng	1012700	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2		Erucic acid	338	C22H42O2	000112-86-7	91
3		Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	87
4		Decyl oleate	422	C28H54O2	003687-46-5	83
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

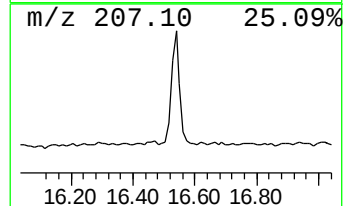
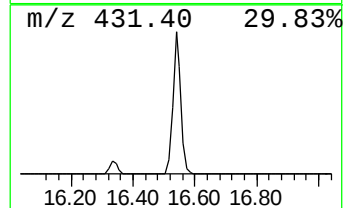
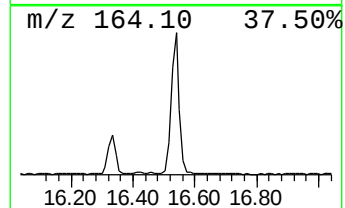
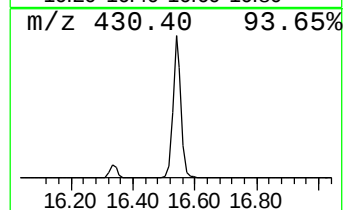
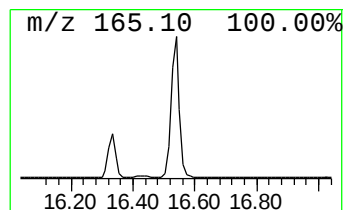
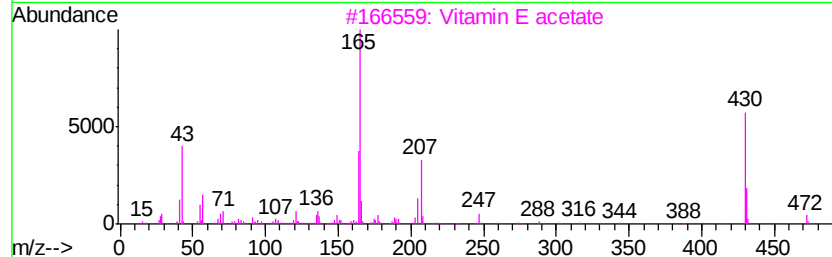
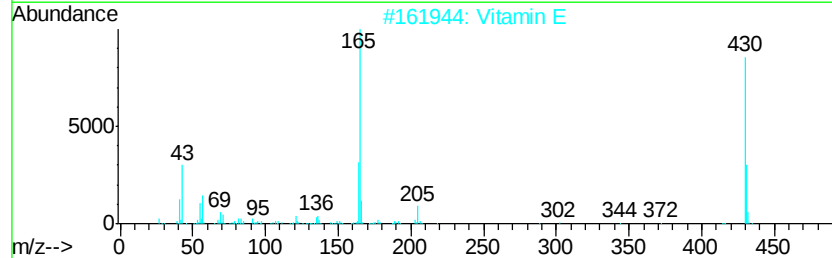
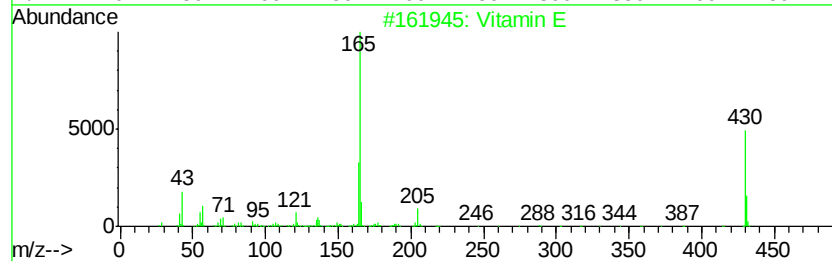
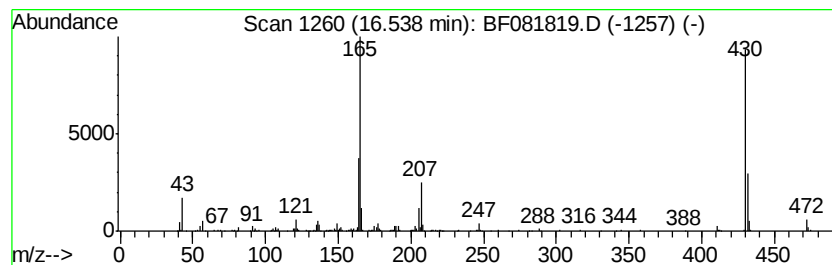
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Vitamin E Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	18.30 ng	1150990	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	99
2		Vitamin E	430	C29H50O2	010191-41-0	97
3		Vitamin E acetate	472	C31H52O3	007695-91-2	95
4		Vitamin E acetate	472	C31H52O3	000058-95-7	95
5		D, .alpha.-Tocopherol	430	C29H50O2	1000128-08-6	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

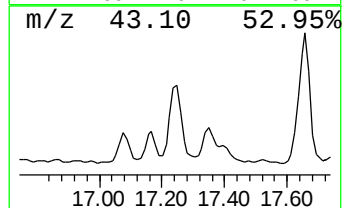
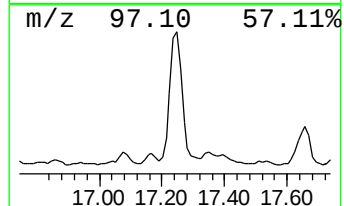
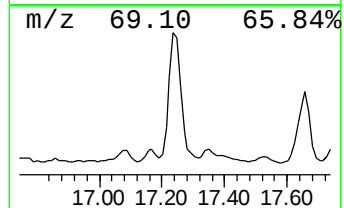
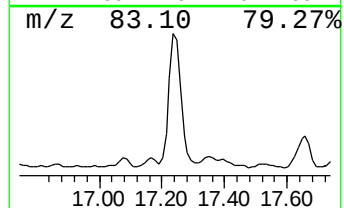
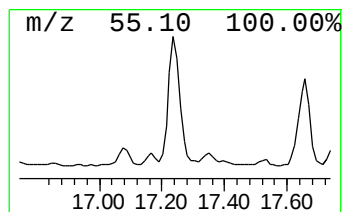
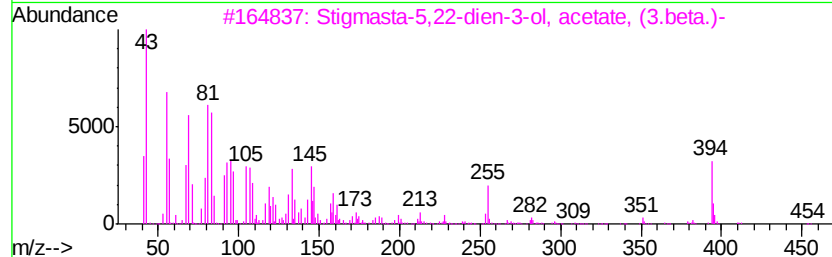
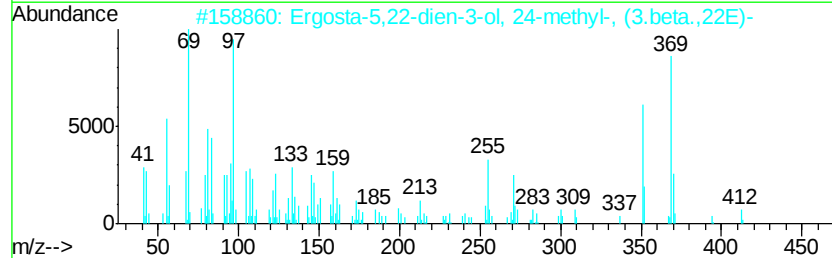
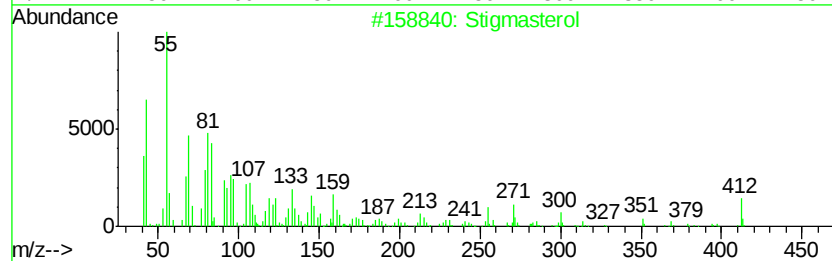
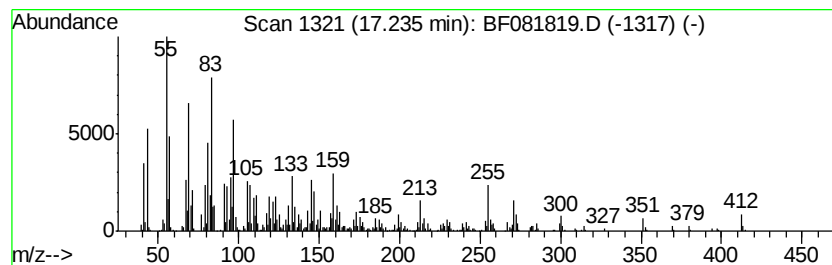
Instrument :
BNA_F
ClientSampleId :
1509113666

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Stigmasterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	41.70 ng	2622590	Perylene-d12	15.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Stigmasterol	412 C29H48O	000083-48-7	95
2	Ergosta-5,22-dien-3-ol, 24-methy...	412 C29H48O	053755-22-9	78
3	Stigmasta-5,22-dien-3-ol, acetat...	454 C31H50O2	004651-48-3	62
4	Chola-5,22-dien-3-ol, (3.beta.,2...	342 C24H38O	057597-14-5	41
5	1,6-Octadiene, 5,7-dimethyl-, (R)-	138 C10H18	085006-04-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081819.D
Acq On : 25 Sep 2015 23:28
Operator : UM/IZ
Sample : G3804-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1509113666

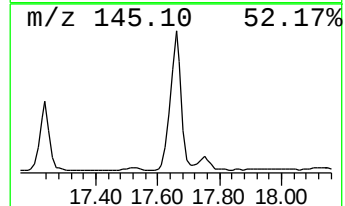
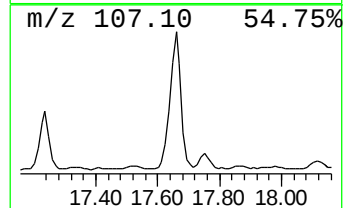
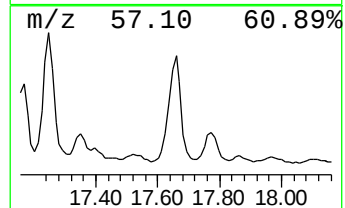
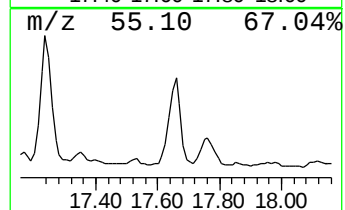
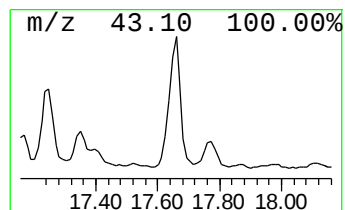
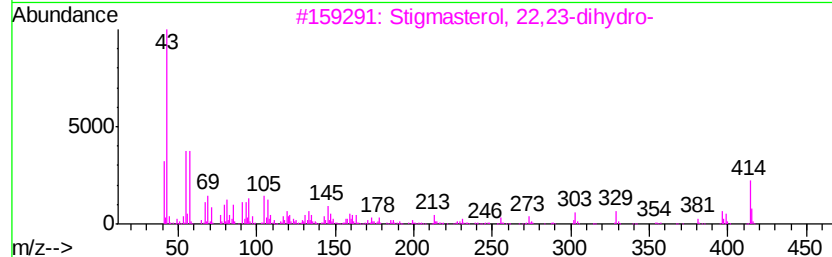
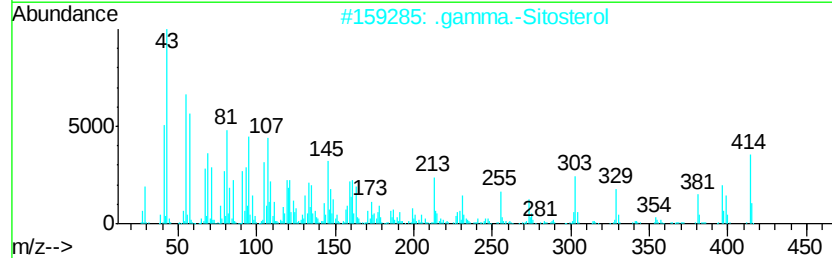
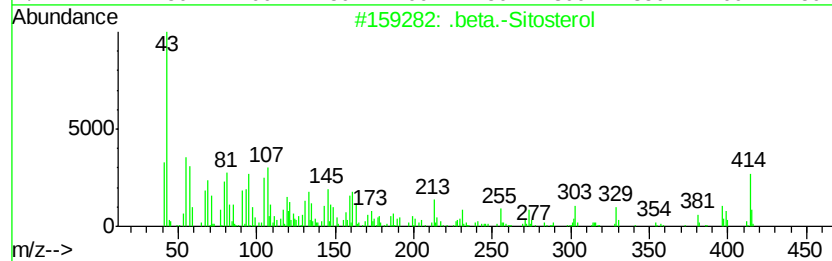
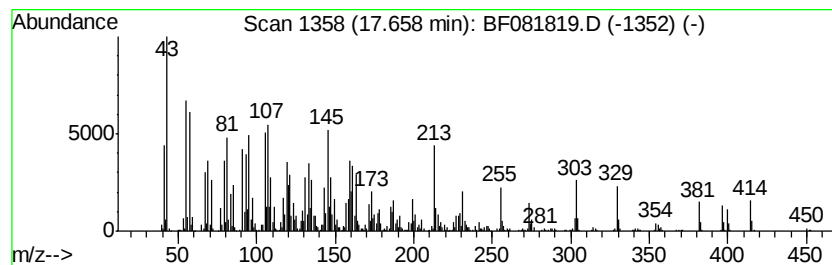
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	63.55 ng	3996360	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	97
4		Campesterol	400	C28H48O	000474-62-4	53
5		Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081819.D
 Acq On : 25 Sep 2015 23:28
 Operator : UM/IZ
 Sample : G3804-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1509113666

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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...	5.13	15.3	ng	1202290	1	6.95	1577280	20.0
Nonanoic acid	8.62	19.2	ng	1742400	2	8.23	1812110	20.0
Tridecane	8.82	18.8	ng	1703840	2	8.23	1812110	20.0
n-Hexadecanoic acid	12.07	381.5	ng	20891700	4	11.47	1095310	20.0
Phytol	12.62	39.1	ng	2142670	4	11.47	1095310	20.0
9,12,15-Octadecat...	12.81	609.1	ng	34532800	5	14.13	1133900	20.0
Octadecanoic acid	12.85	47.9	ng	2713390	5	14.13	1133900	20.0
Dodecane, 2-methy...	13.29	17.1	ng	966961	5	14.13	1133900	20.0
Heptadecane, 3-me...	13.54	24.0	ng	1362500	5	14.13	1133900	20.0
Eicosane, 10-methyl-	13.97	47.2	ng	2676660	5	14.13	1133900	20.0
Ethanol, 2-(octad...	14.60	89.8	ng	5092460	5	14.13	1133900	20.0
9-Octadecenamide,...	14.88	58.0	ng	3650600	6	15.59	1257800	20.0
Tetracosane	15.26	198.3	ng	12469100	6	15.59	1257800	20.0
Heneicosane	16.06	34.9	ng	2196360	6	15.59	1257800	20.0
Cyclohexane, 1,2,...	16.12	47.5	ng	2984290	6	15.59	1257800	20.0
Bromoacetic acid,...	16.44	16.1	ng	1012700	6	15.59	1257800	20.0
Vitamin E	16.54	18.3	ng	1150990	6	15.59	1257800	20.0
Stigmasterol	17.24	41.7	ng	2622590	6	15.59	1257800	20.0
.beta.-Sitosterol	17.66	63.5	ng	3996360	6	15.59	1257800	20.0