

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092260.D
 Acq On : 13 Jan 2017 23:49
 Operator : UM/SJ
 Sample : I1031-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0023

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-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.935	11	13	20	rVB2	31701	95666	1.70%	0.183%
2	4.701	252	255	271	rBV	1460158	2477609	44.12%	4.744%
3	5.170	294	296	308	rBV	4827625	5093402	90.70%	9.752%
4	6.244	387	390	392	rBV	4780303	5615679	100.00%	10.752%
5	6.347	397	399	401	rVV	5390614	5122258	91.21%	9.807%
6	6.576	416	419	421	rBV	1221732	1316252	23.44%	2.520%
7	6.725	430	432	435	rBV	3237089	3923517	69.87%	7.512%
8	7.147	466	469	471	rBV	3370348	3488626	62.12%	6.679%
9	7.856	529	531	534	rBV	1310286	1437811	25.60%	2.753%
10	8.942	623	626	628	rBV	4714123	4928362	87.76%	9.436%
11	9.342	659	661	663	rBV	739571	625793	11.14%	1.198%
12	9.605	682	684	687	rVB	1523088	1567285	27.91%	3.001%
13	10.062	722	724	725	rVB	95228	103089	1.84%	0.197%
14	10.393	751	753	756	rBV2	2280480	3065497	54.59%	5.869%
15	10.531	762	765	769	rVB	156288	197087	3.51%	0.377%
16	10.976	802	804	805	rBV2	155873	150758	2.68%	0.289%
17	11.079	811	813	816	rBV	1180942	1629365	29.01%	3.120%
18	11.399	838	841	844	rVB	148225	132803	2.36%	0.254%
19	11.639	860	862	866	rBV	377152	362359	6.45%	0.694%
20	12.291	917	919	921	rBV	105271	93388	1.66%	0.179%
21	12.417	929	930	934	rBV2	90803	113584	2.02%	0.217%
22	12.508	934	938	941	rVB2	106639	191610	3.41%	0.367%
23	12.668	949	952	955	rBV	3470070	4347218	77.41%	8.323%
24	13.582	1029	1032	1035	rBV	291078	430708	7.67%	0.825%
25	13.708	1040	1043	1046	rBV	1540181	1597943	28.46%	3.059%
26	14.211	1084	1087	1094	rVB	108626	174871	3.11%	0.335%
27	14.497	1108	1112	1115	rBV	31841	60690	1.08%	0.116%
28	14.622	1120	1123	1126	rVB	128302	121395	2.16%	0.232%
29	14.702	1128	1130	1135	rVB	40709	74936	1.33%	0.143%
30	14.782	1135	1137	1138	rBV	156557	188944	3.36%	0.362%
31	15.068	1159	1162	1164	rBV	772608	1030004	18.34%	1.972%
32	15.274	1177	1180	1183	rVB	61162	87405	1.56%	0.167%
33	15.468	1194	1197	1199	rBV	175535	259676	4.62%	0.497%
34	15.514	1199	1201	1204	rVB	58868	102389	1.82%	0.196%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.120	1250	1254	1258	rBV2	68766	139446	2.48%	0.267%
36	16.303	1266	1270	1272	rBV2	40251	98292	1.75%	0.188%
37	16.360	1272	1275	1276	rVV	102081	187082	3.33%	0.358%
38	16.405	1276	1279	1284	rVV	191464	479985	8.55%	0.919%
39	16.497	1284	1287	1289	rVV2	111038	261252	4.65%	0.500%
40	16.543	1289	1291	1296	rVB	169236	326521	5.81%	0.625%
41	16.668	1299	1302	1306	rVB2	29607	58583	1.04%	0.112%
42	16.760	1306	1310	1316	rBV4	91066	224191	3.99%	0.429%
43	17.274	1351	1355	1359	rVB	34358	77364	1.38%	0.148%
44	17.583	1378	1382	1386	rBV3	32360	86682	1.54%	0.166%
45	18.429	1452	1456	1463	rBV10	21546	83684	1.49%	0.160%

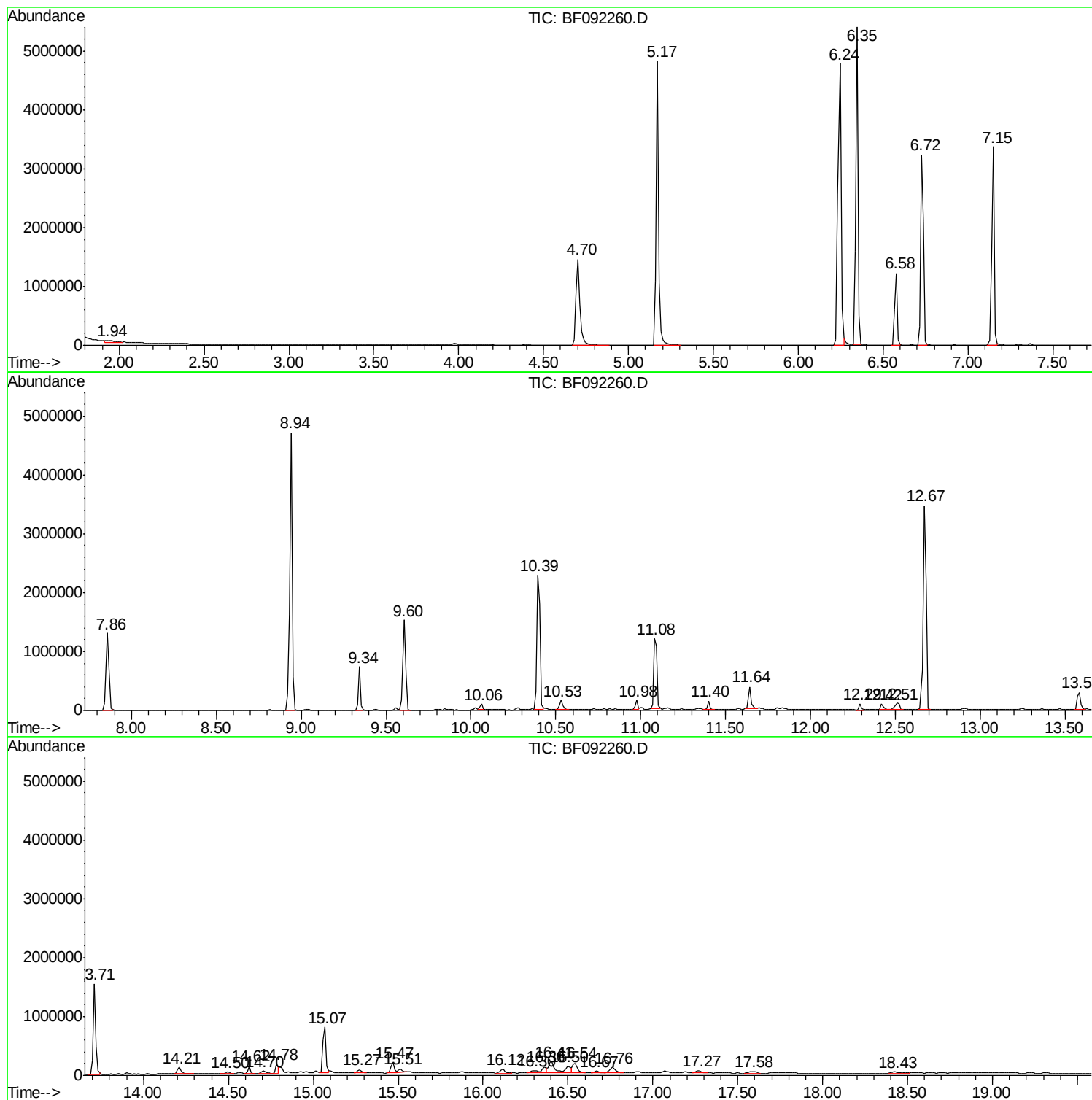
Sum of corrected areas: 52231061

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

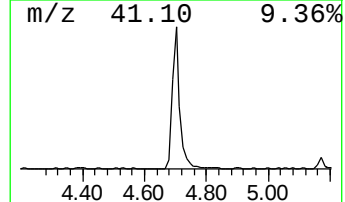
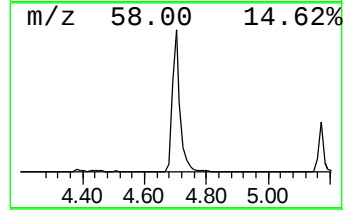
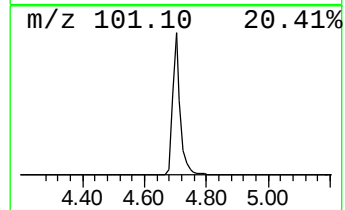
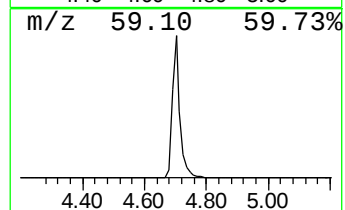
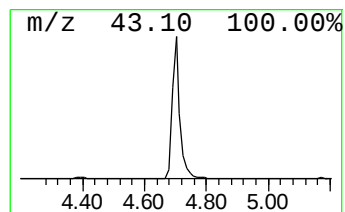
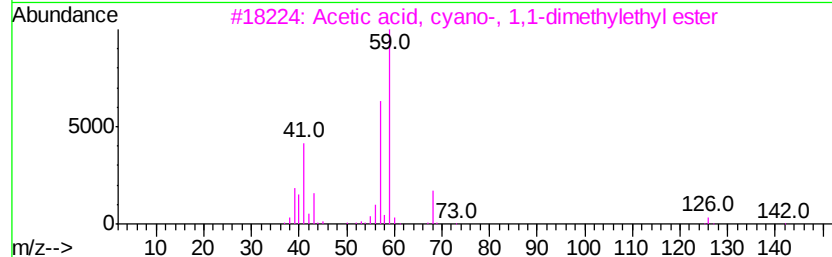
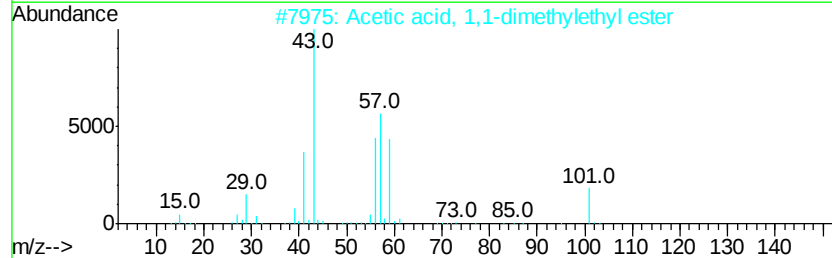
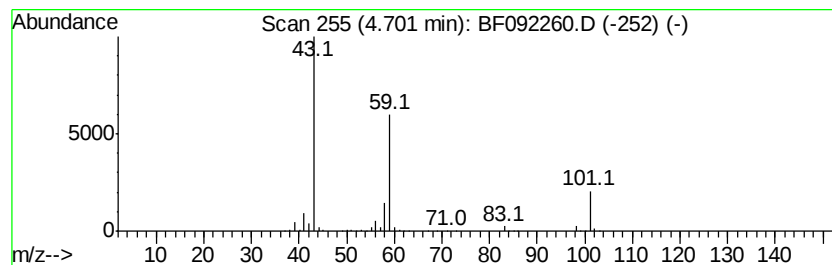
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.70	37.65 ng	2477610	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

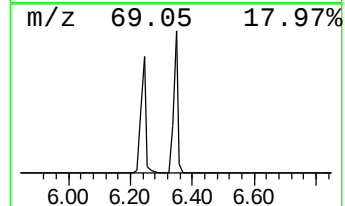
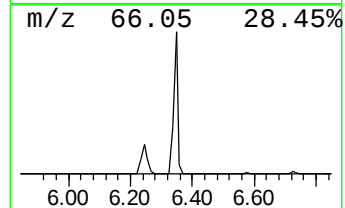
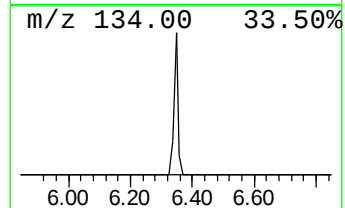
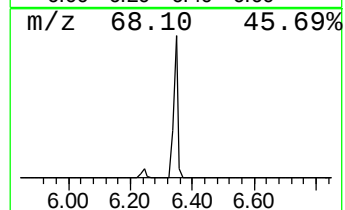
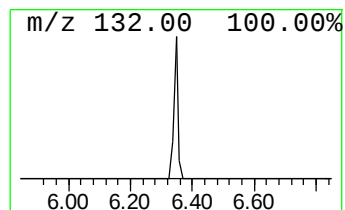
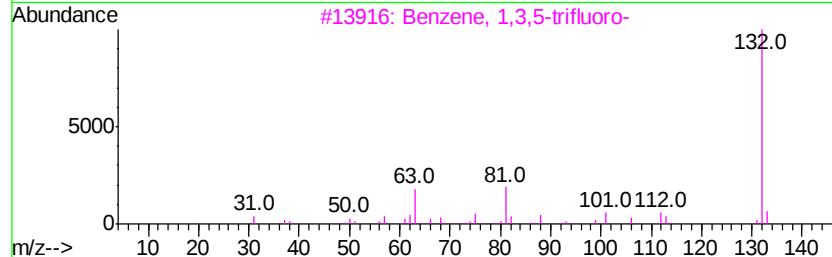
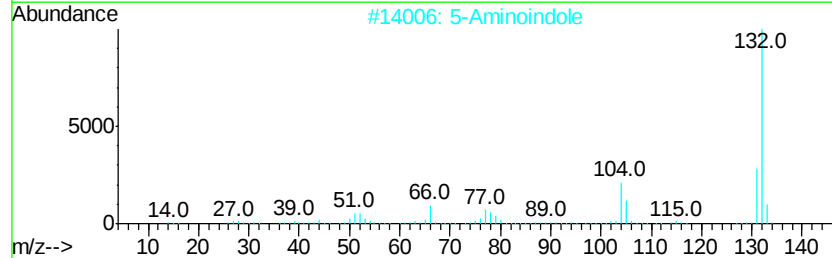
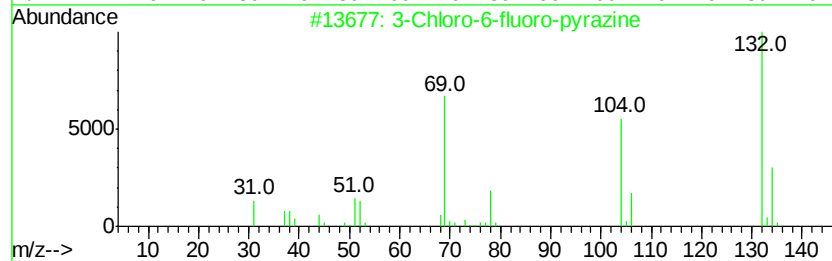
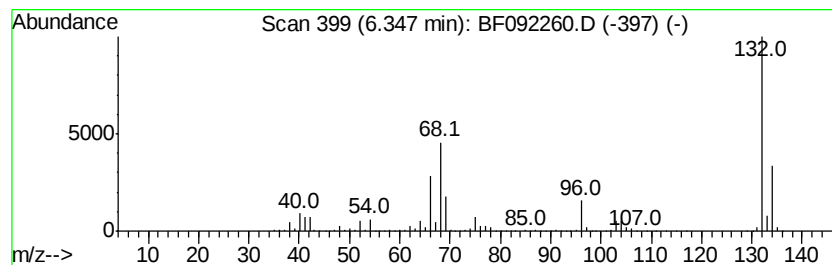
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	77.83 ng	5122260	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5		Aminoindole	132	C8H8N2	005192-03-0	12
3			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4			Bicyclo[4.2.0]octa-1,3,5-triene, ...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

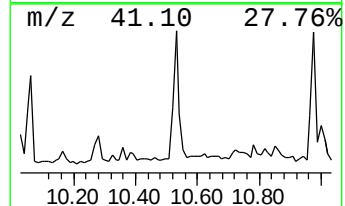
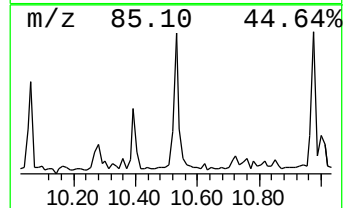
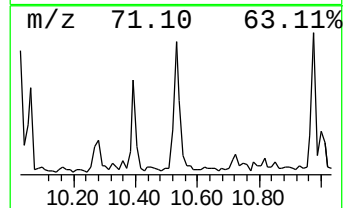
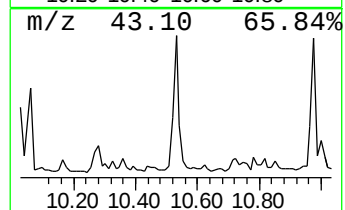
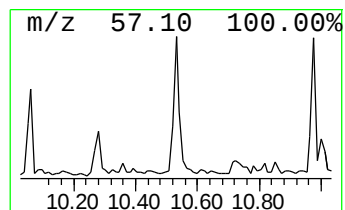
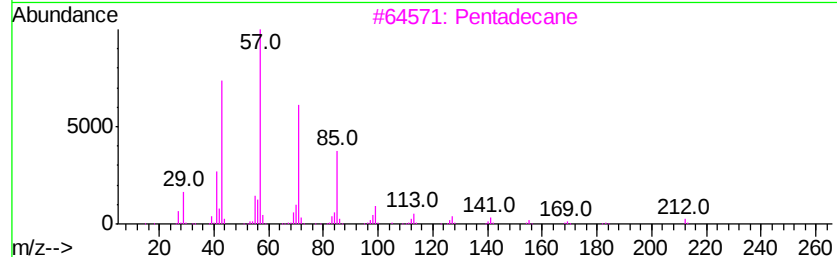
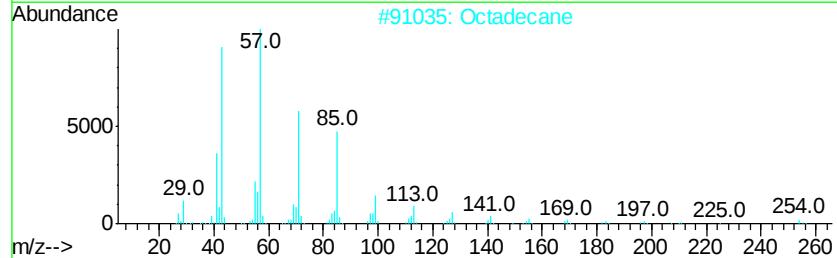
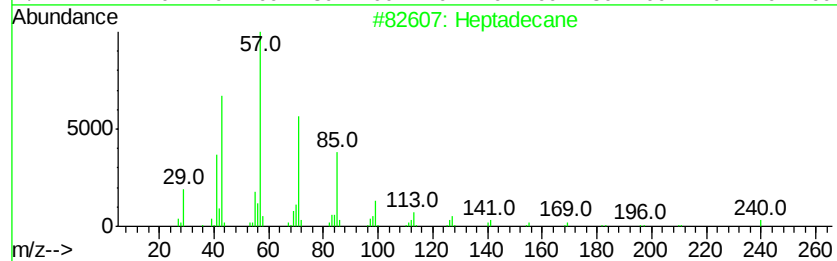
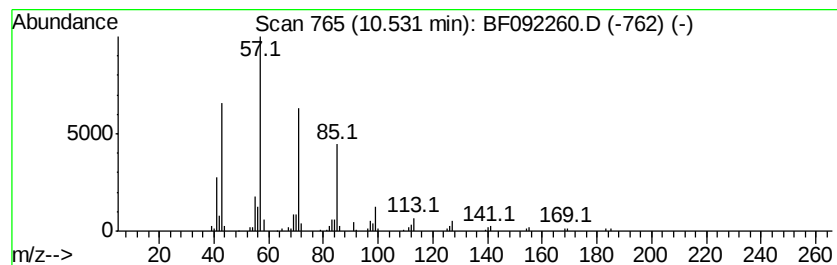
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.42 ng	197087	Phenanthrene-d10	11.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Octadecane		254	C18H38	000593-45-3	91
3	Pentadecane		212	C15H32	000629-62-9	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

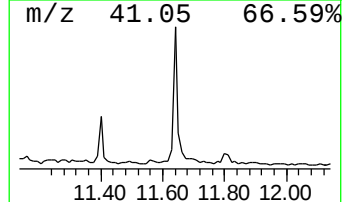
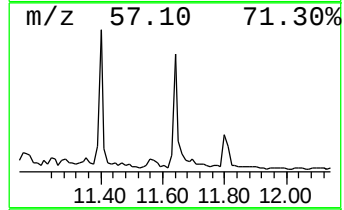
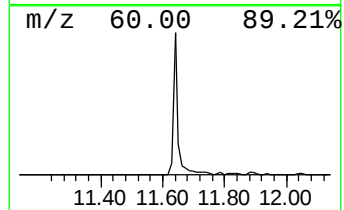
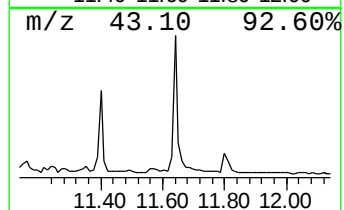
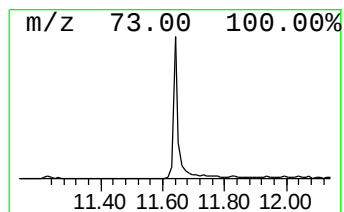
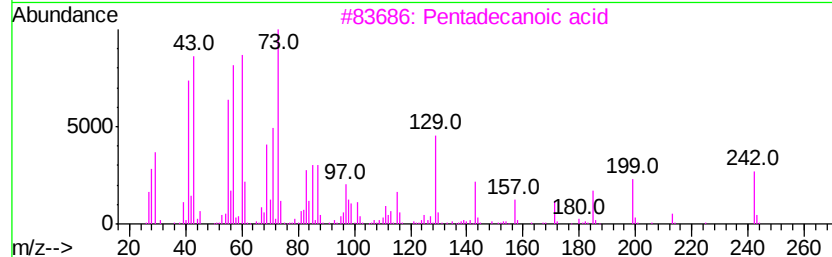
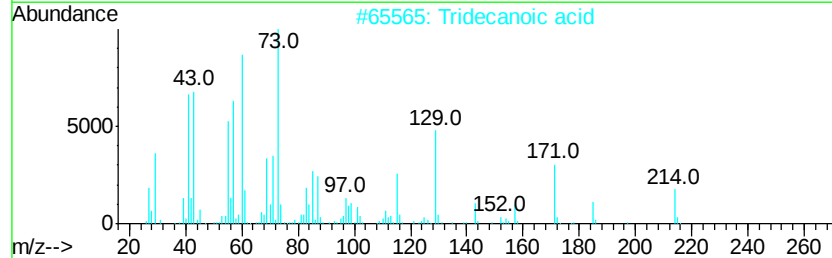
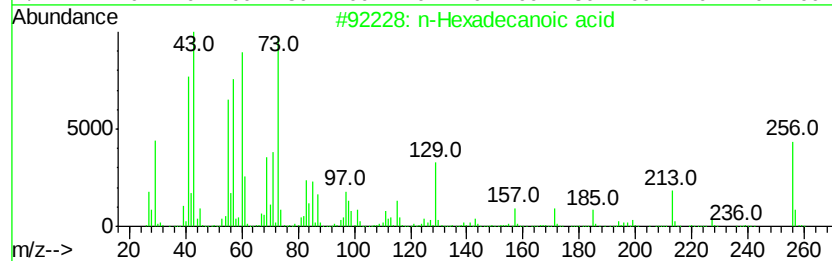
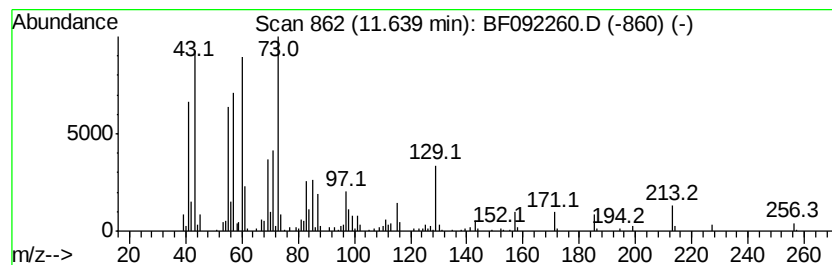
Instrument :
BNA_F
ClientSampleId :
COMP-0023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.64	4.45 ng	362359	Phenanthrene-d10	11.09	
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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

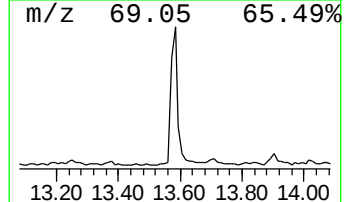
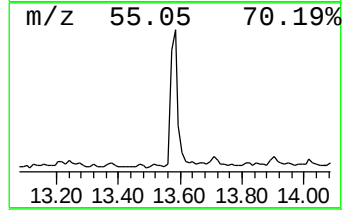
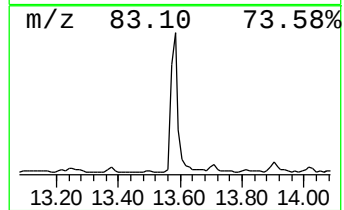
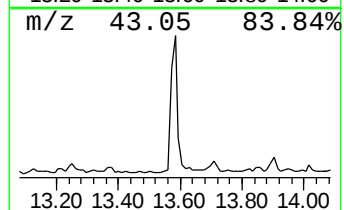
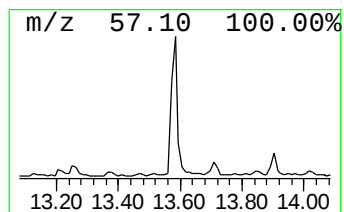
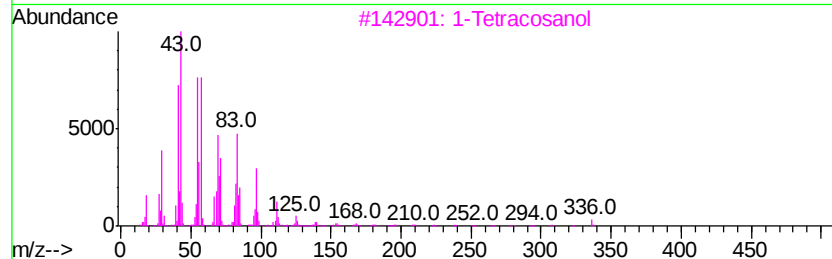
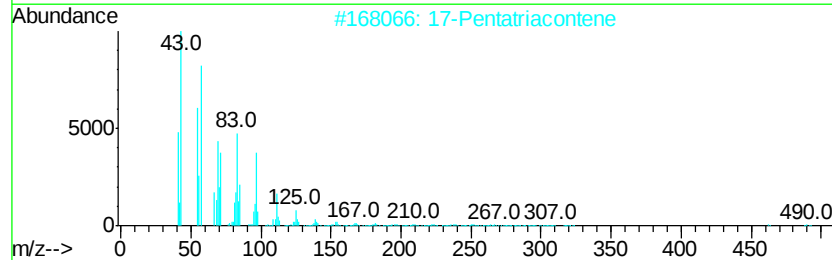
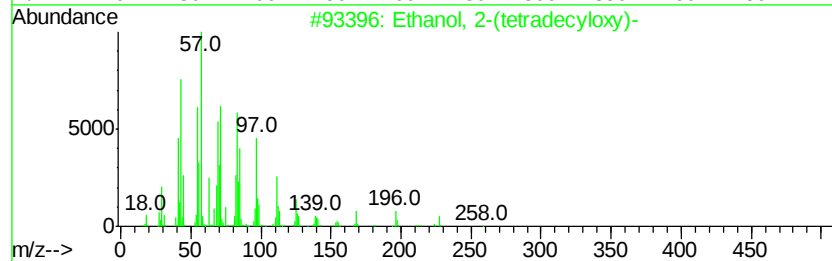
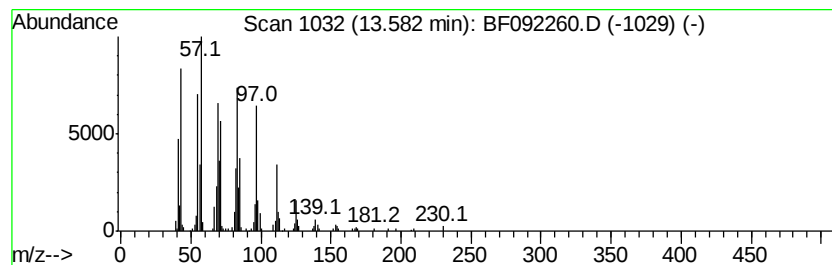
Instrument :
BNA_F
ClientSampleId :
COMP-0023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.58	5.39 ng	430708	Chrysene-d12	13.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	1-Docosene	308	C22H44	001599-67-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

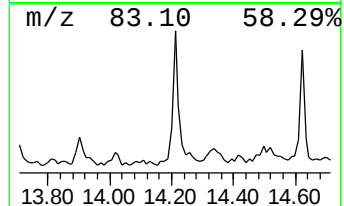
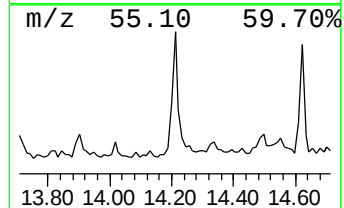
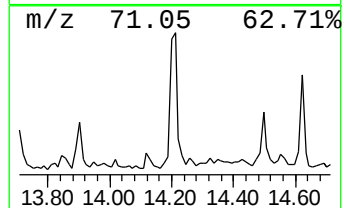
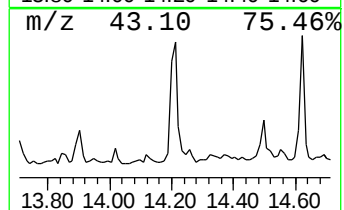
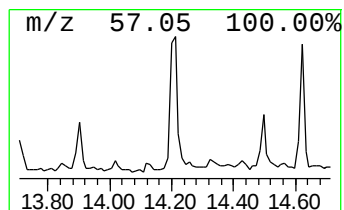
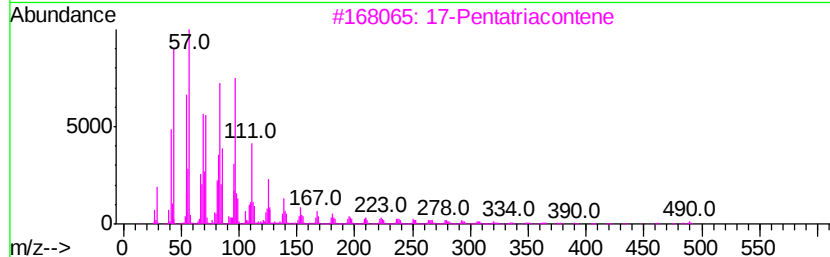
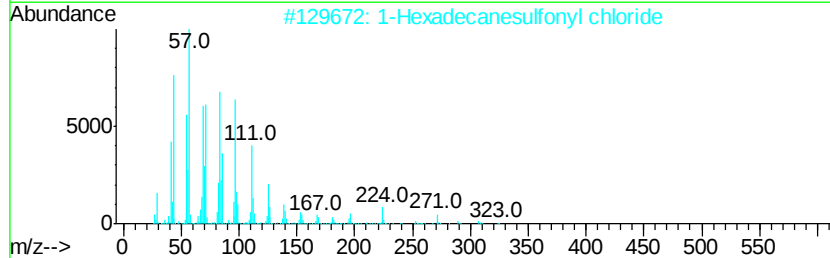
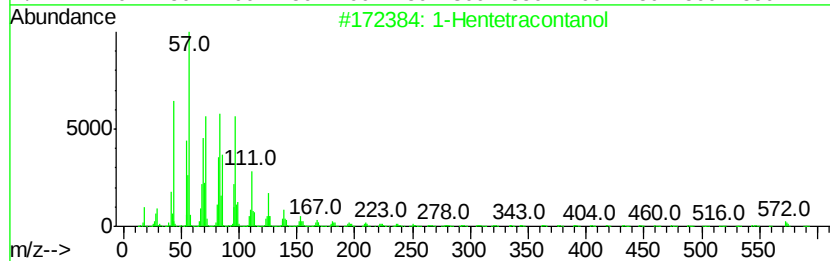
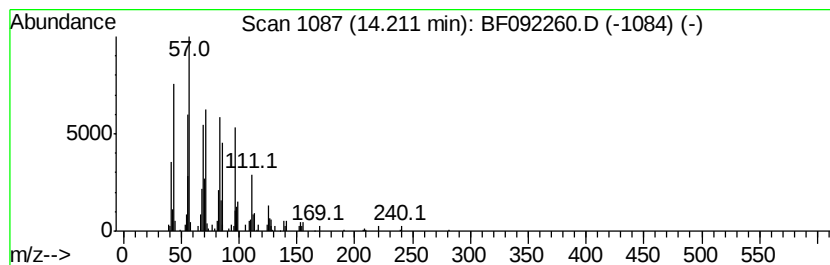
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Hentetracontanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.19 ng	174871	Chrysene-d12	13.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hentetracontanol	593	C41H84O	040710-42-7	83
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
3		17-Pentatriacontene	491	C35H70	006971-40-0	80
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

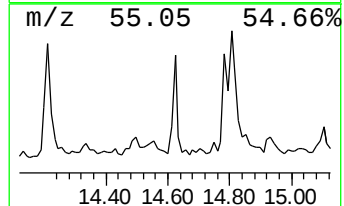
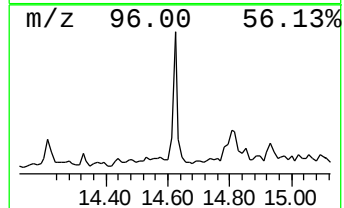
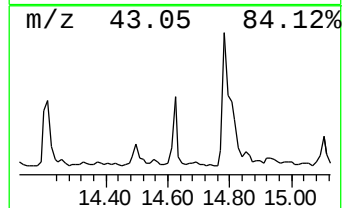
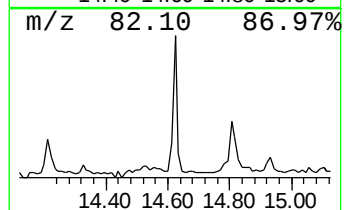
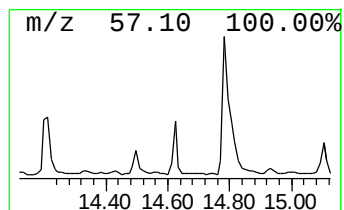
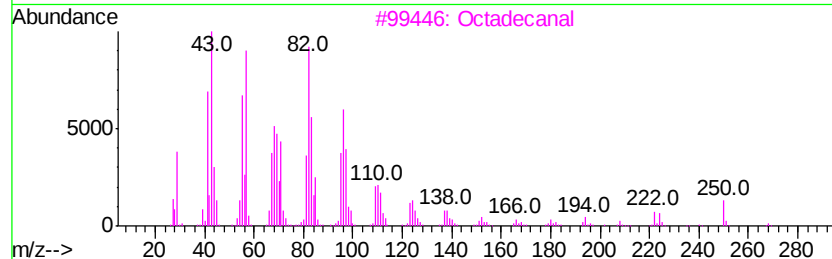
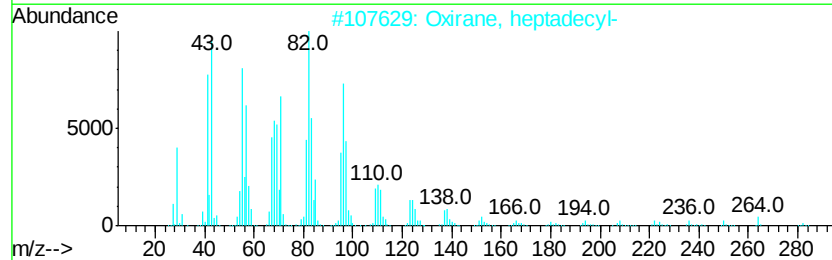
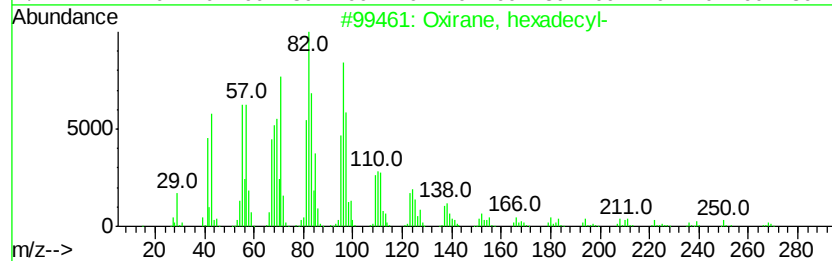
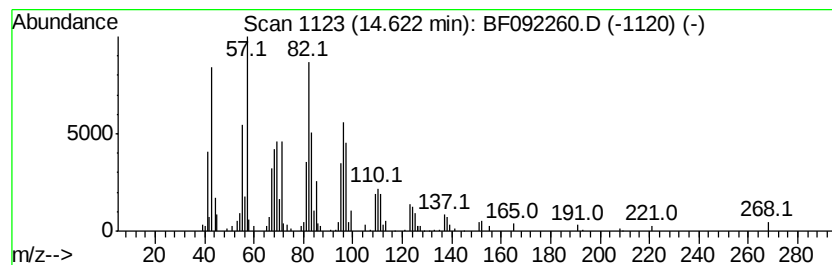
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.36 ng	121395	Perylene-d12	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			17-Octadecenal	266	C18H34O	056554-86-0	87
5			16-Octadecenal	266	C18H34O	056554-87-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

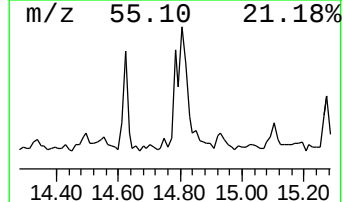
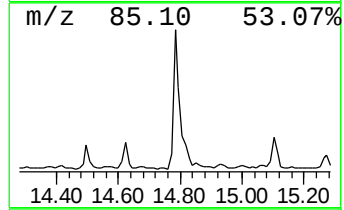
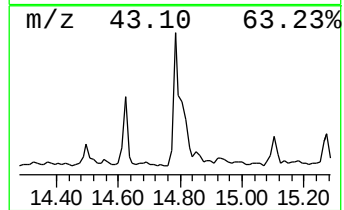
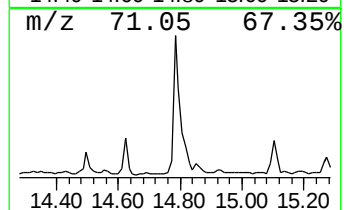
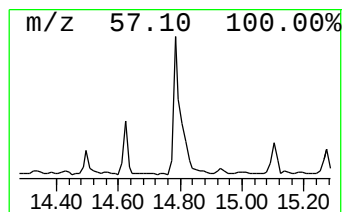
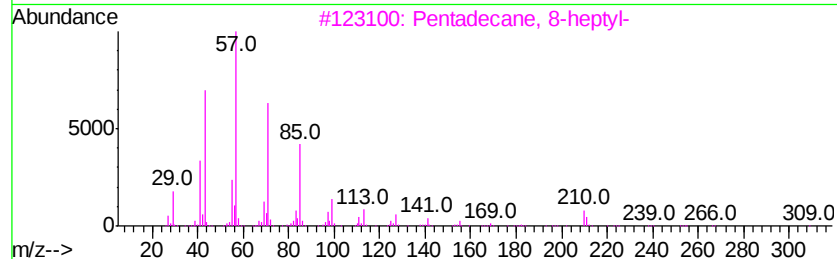
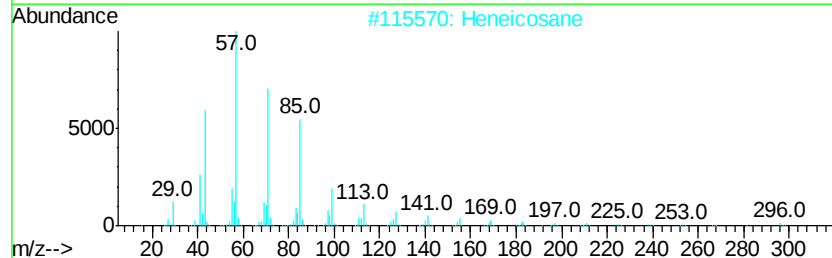
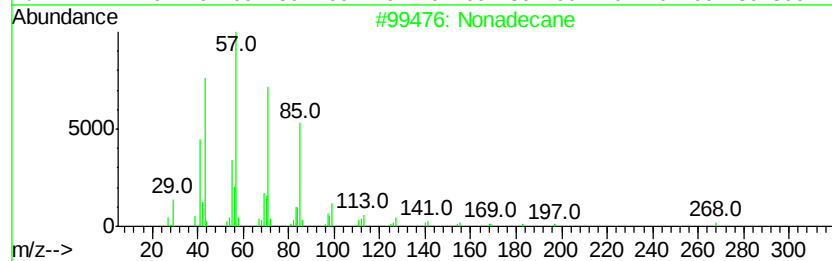
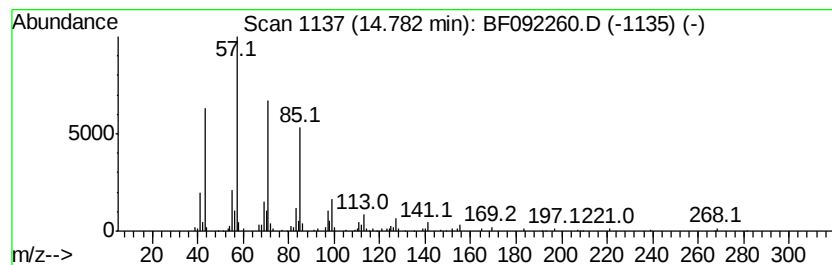
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.67 ng	188944	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Triacontane	422	C30H62	000638-68-6	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

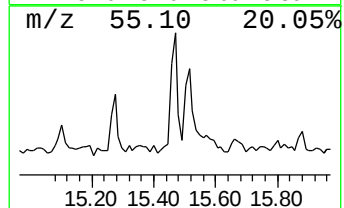
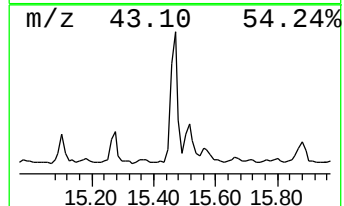
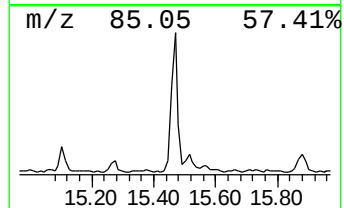
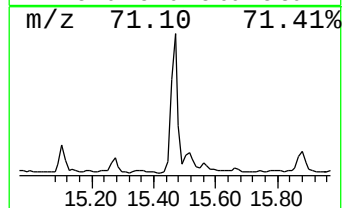
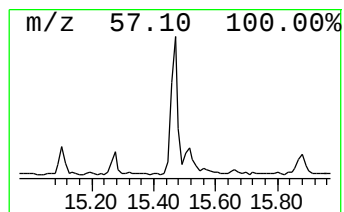
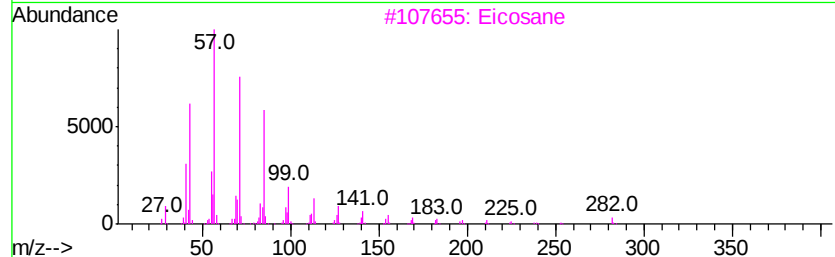
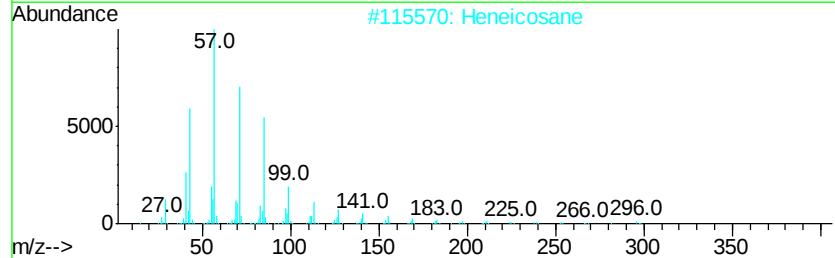
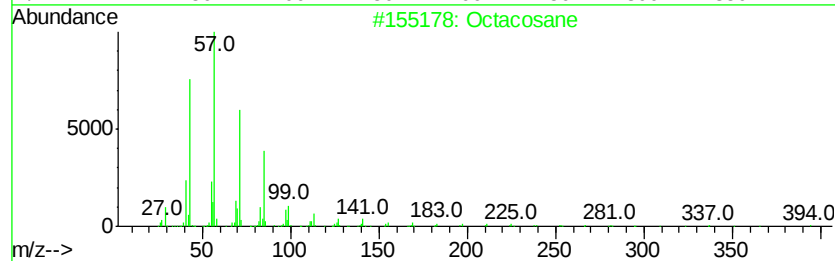
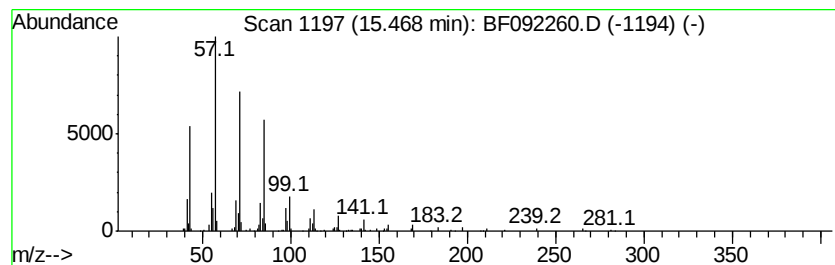
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.04 ng	259676	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

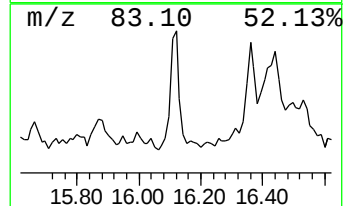
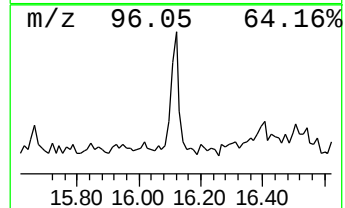
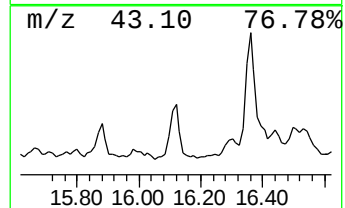
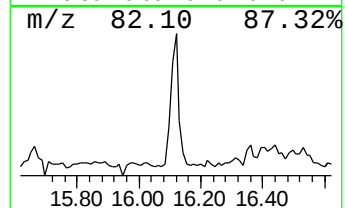
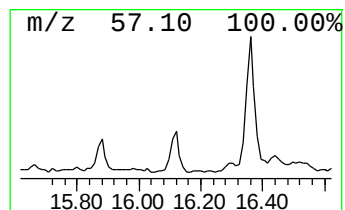
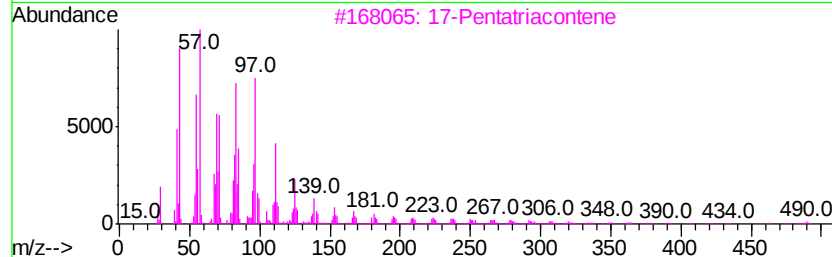
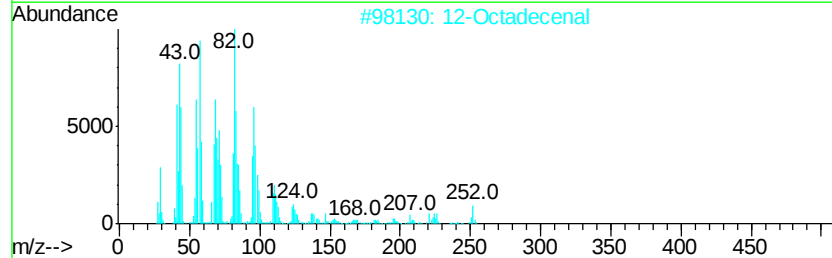
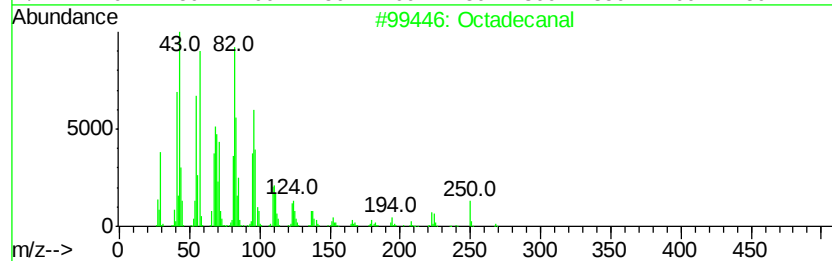
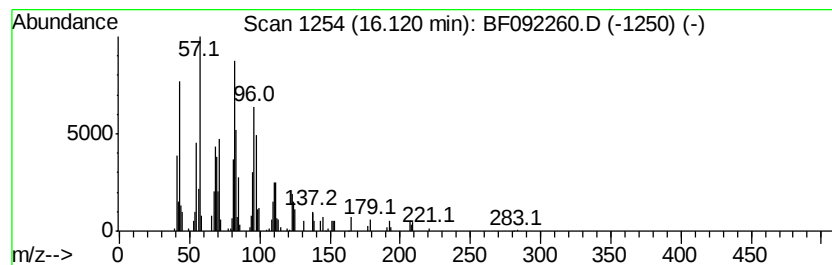
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.71 ng	139446	Perylene-d12	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	83
2			12-Octadecenal	266	C18H34O	056554-91-7	72
3			17-Pentatriacontene	491	C35H70	006971-40-0	53
4			1,13-Tridecanediol, diacetate	300	C17H32O4	042236-70-4	50
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

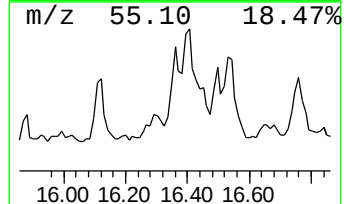
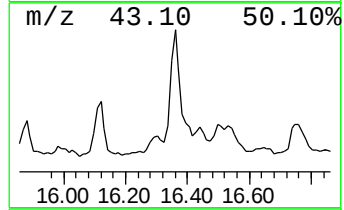
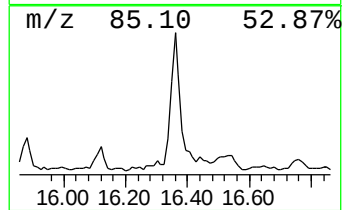
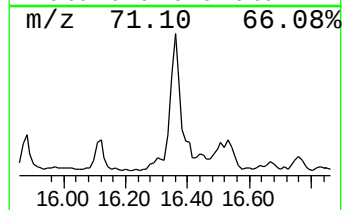
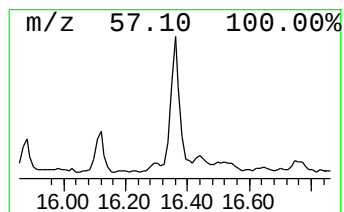
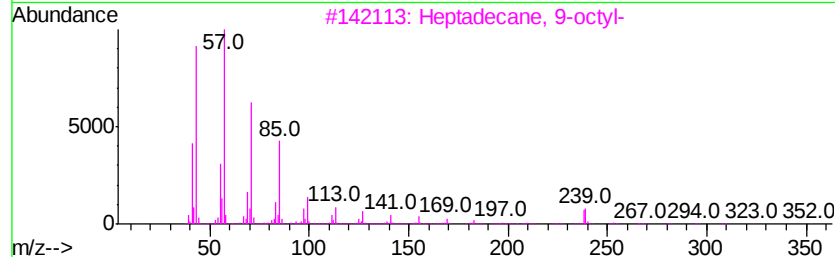
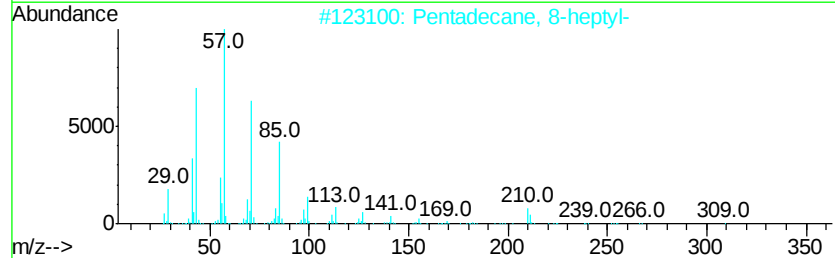
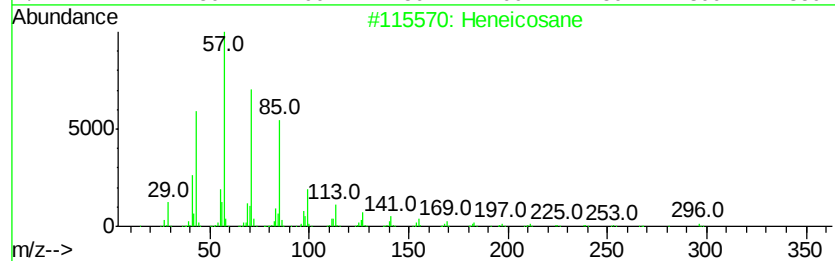
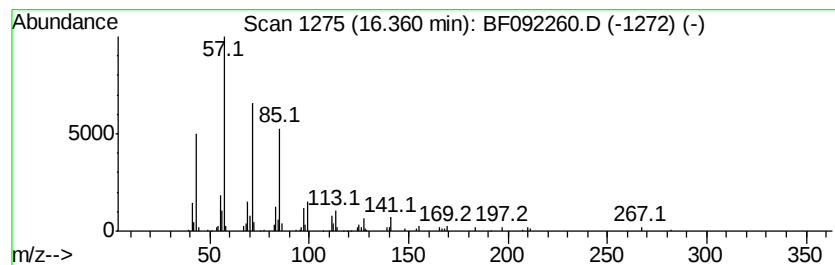
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.63 ng	187082	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

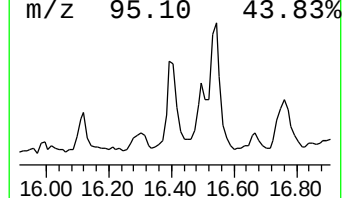
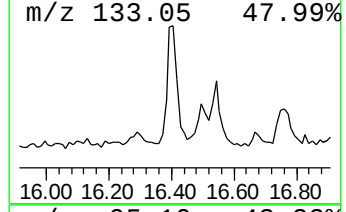
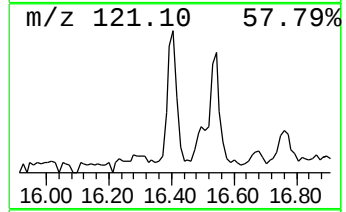
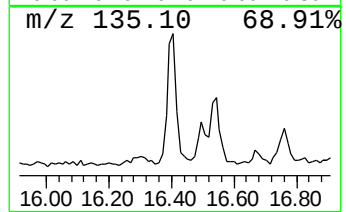
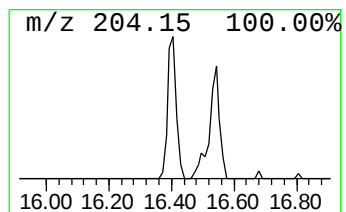
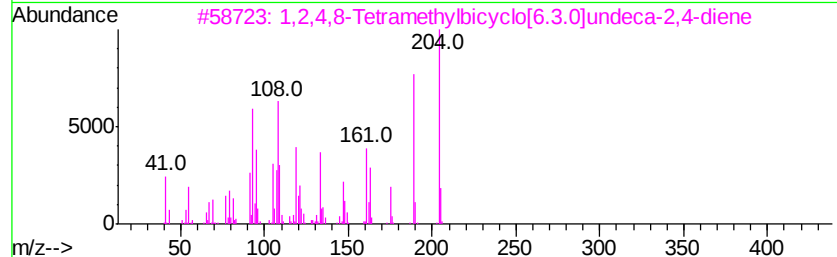
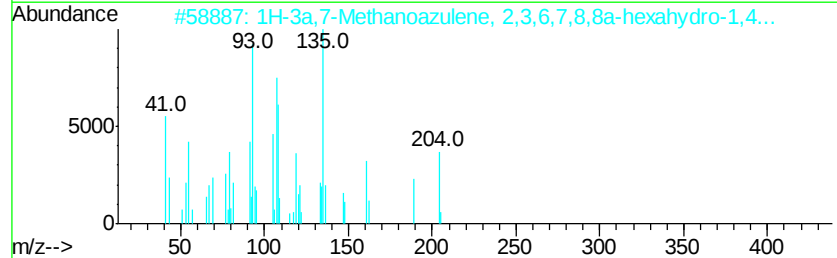
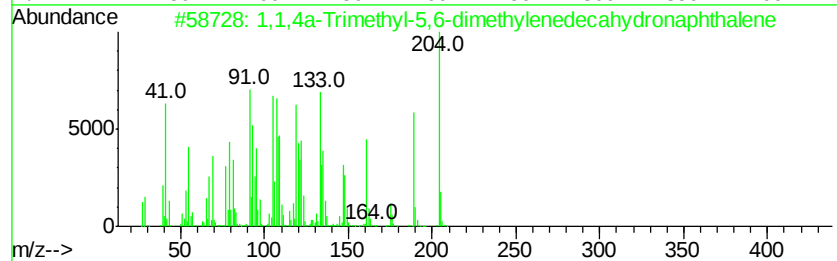
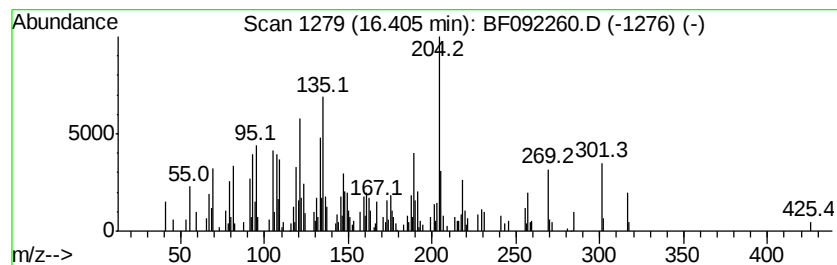
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	9.32 ng	479985	Perylene-d12	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	62		
2	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	58		
3	1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	53		
4	Guaia-3,9-diene	204	C15H24	000489-83-8	52		
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	50		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

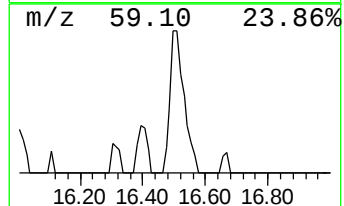
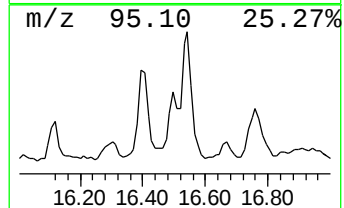
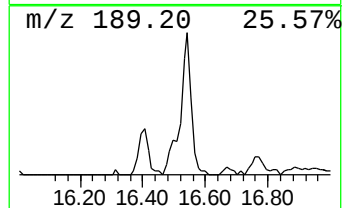
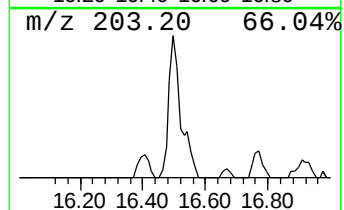
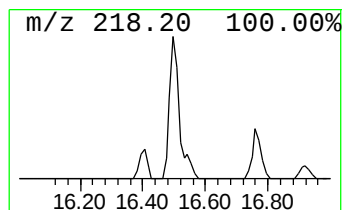
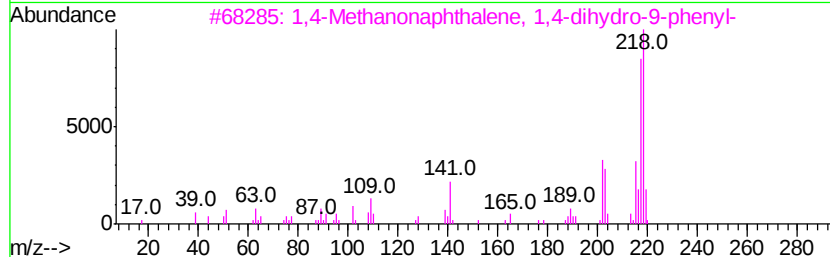
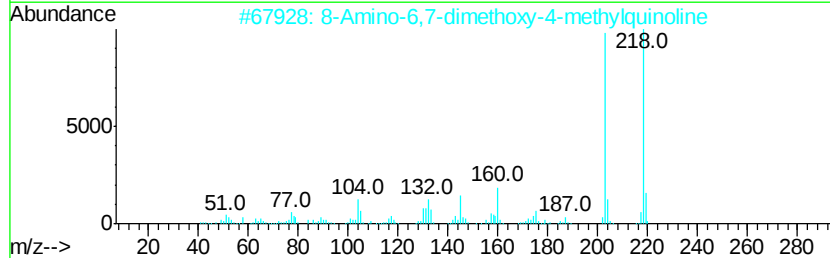
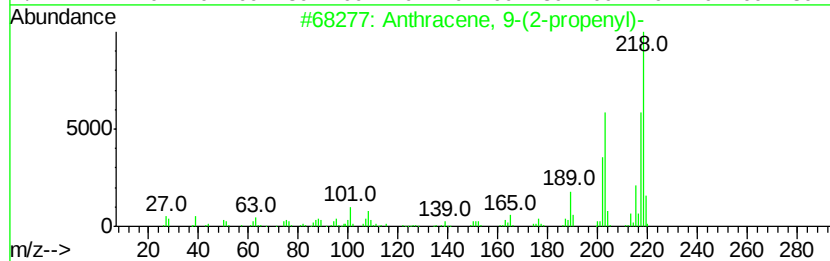
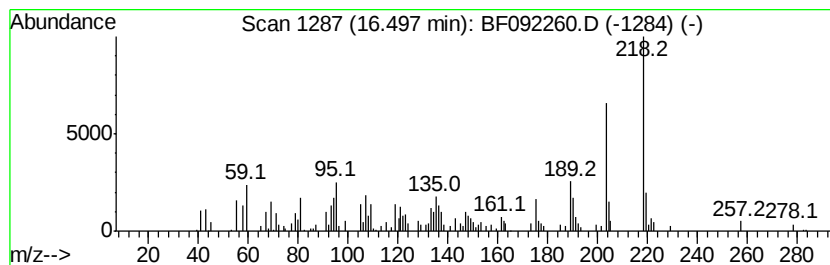
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 9-(2-propenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	5.07 ng	261252	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	68
2		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	50
3		1,4-Methanonaphthalene, 1,4-dihv...	218	C17H14	055028-73-4	47
4		2,4(1H,3H)-Quinazolinedione, 1,3...	218	C12H14N2O2	002049-84-5	46
5		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

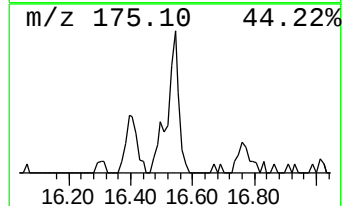
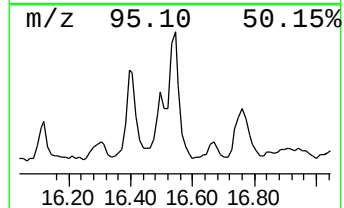
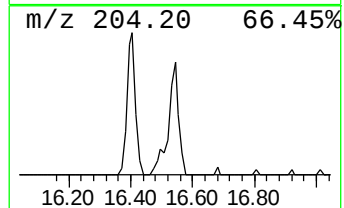
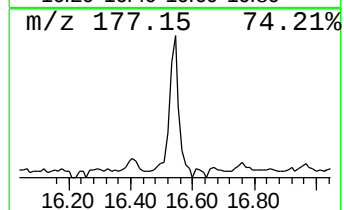
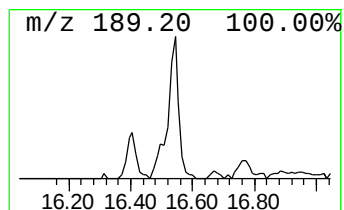
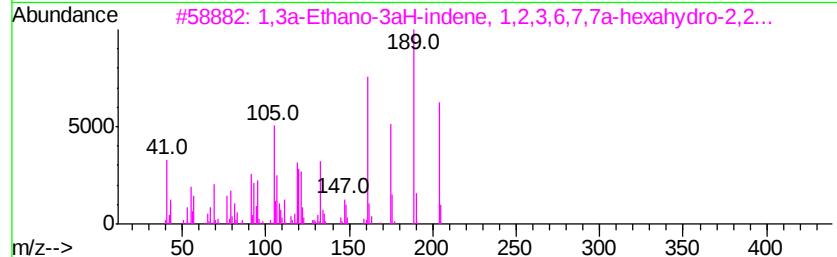
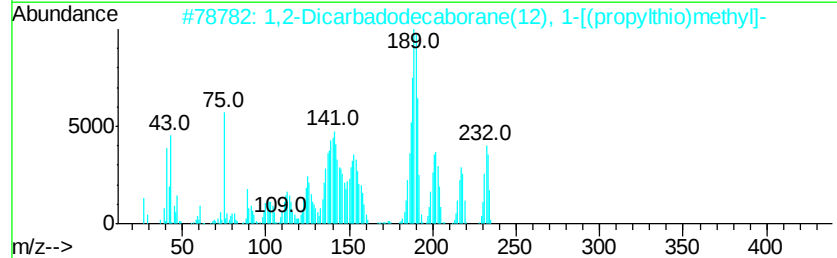
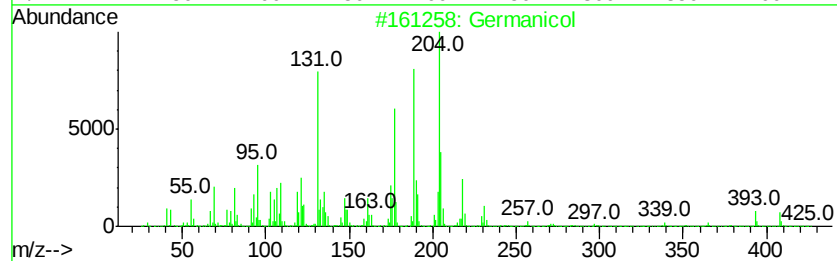
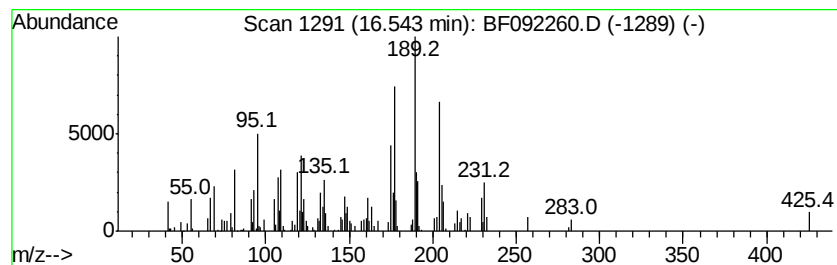
Instrument :
BNA_F
ClientSampled :
COMP-0023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Germanicol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.54	6.34 ng	326521	Perylene-d12	15.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Germanicol	426	C30H50O	000465-02-1	58
2	1,2-Dicarbadodecaborane(12), 1-[...]	234	C6H20B10S	062906-36-9	35
3	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	30
4	1H-Cyclopropa[alnaphthalene, 1a,...	204	C15H24	000489-29-2	30
5	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092260.D
Acq On : 13 Jan 2017 23:49
Operator : UM/SJ
Sample : I1031-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0023

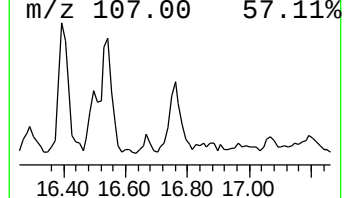
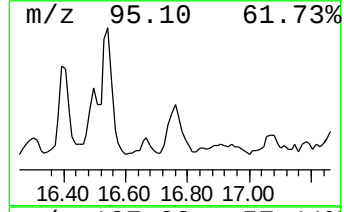
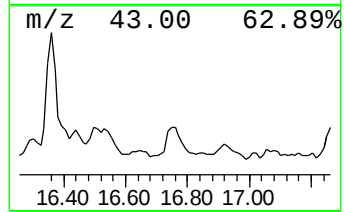
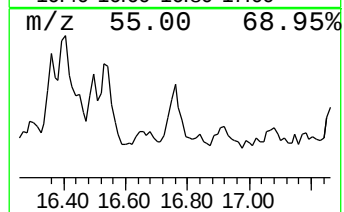
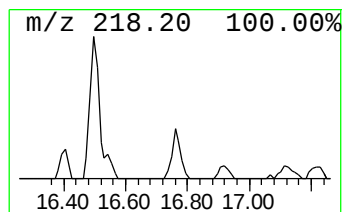
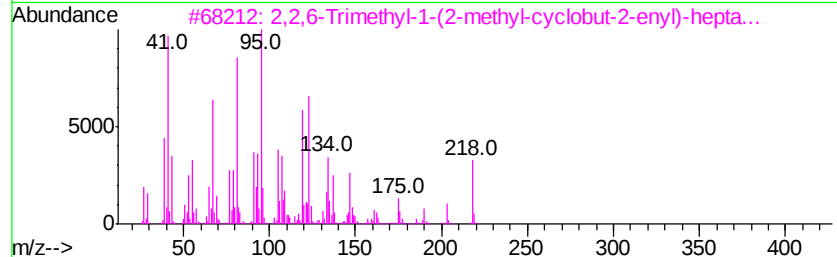
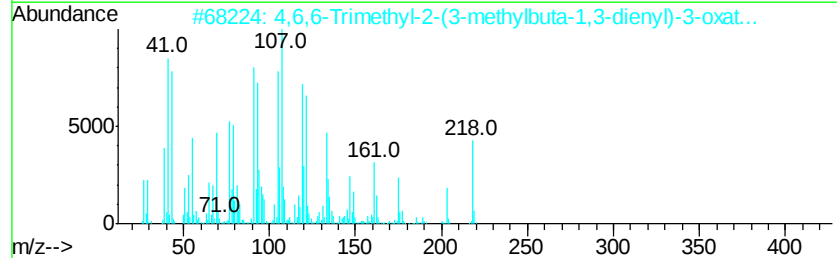
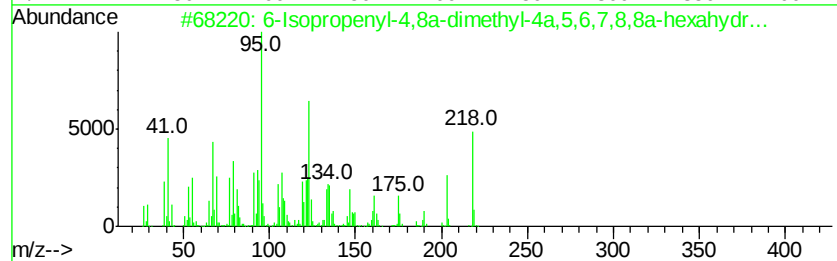
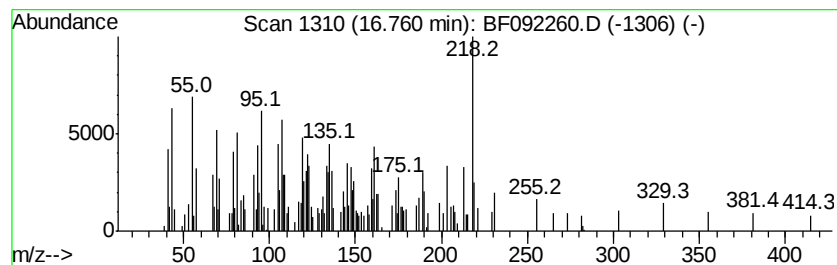
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	4.35 ng	224191	Perylene-d12	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	89
2			4,6,6-Trimethyl-2-(3-methylbuta...	218	C15H22O	1000190-22-2	78
3			2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	70
4			2H-Cyclopropafalnaphthalen-2-one...	218	C15H22O	006831-17-0	53
5			7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	48



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092260.D
 Acq On : 13 Jan 2017 23:49
 Operator : UM/SJ
 Sample : I1031-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.70	37.6	ng	2477610	1	6.58	1316250	20.0
unknown6.35	6.35	77.8	ng	5122260	1	6.58	1316250	20.0
Heptadecane	10.53	2.4	ng	197087	4	11.09	1629370	20.0
n-Hexadecanoic acid	11.64	4.5	ng	362359	4	11.09	1629370	20.0
Ethanol, 2-(tetra...	13.58	5.4	ng	430708	5	13.71	1597940	20.0
1-Hentetracontanol	14.21	2.2	ng	174871	5	13.71	1597940	20.0
Oxirane, hexadecyl-	14.62	2.4	ng	121395	6	15.07	1030000	20.0
Nonadecane	14.78	3.7	ng	188944	6	15.07	1030000	20.0
Octacosane	15.47	5.0	ng	259676	6	15.07	1030000	20.0
Octadecanal	16.12	2.7	ng	139446	6	15.07	1030000	20.0
Heneicosane	16.36	3.6	ng	187082	6	15.07	1030000	20.0
1,1,4a-Trimethyl-...	16.41	9.3	ng	479985	6	15.07	1030000	20.0
Anthracene, 9-(2-...	16.50	5.1	ng	261252	6	15.07	1030000	20.0
Germanicol	16.54	6.3	ng	326521	6	15.07	1030000	20.0
6-Isopropenyl-4,8...	16.76	4.3	ng	224191	6	15.07	1030000	20.0