

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089531.D
 Acq On : 2 Aug 2016 1:26
 Operator : UM/SJ
 Sample : H4287-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-58-0.5-1.5

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-BF072716.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	1.656	4	6	34	rVB	635090	1401840	100.00%	15.271%
2	4.547	257	259	267	rBV	65790	87741	6.26%	0.956%
3	5.039	300	302	324	rBV	283635	418444	29.85%	4.558%
4	6.136	397	398	406	rBV2	320065	431870	30.81%	4.704%
5	6.250	406	408	426	rVB	284479	469621	33.50%	5.116%
6	6.479	426	428	436	rBV	159553	171472	12.23%	1.868%
7	6.627	439	441	444	rBV	307001	340007	24.25%	3.704%
8	7.050	476	478	489	rBV	210312	252814	18.03%	2.754%
9	7.770	539	541	553	rBV	140690	212276	15.14%	2.312%
10	8.845	633	635	637	rBV	438669	400478	28.57%	4.363%
11	9.245	668	670	672	rBV	75187	61850	4.41%	0.674%
12	9.508	691	693	695	rBV	249579	225797	16.11%	2.460%
13	10.285	760	761	764	rBV	177810	241472	17.23%	2.630%
14	10.434	772	774	779	rBB	13017	16477	1.18%	0.179%
15	10.982	819	822	826	rBV2	164274	267826	19.11%	2.917%
16	11.062	826	829	831	rVB3	10865	17484	1.25%	0.190%
17	11.234	841	844	847	rBV	30007	35593	2.54%	0.388%
18	11.542	869	871	873	rVV	23873	41118	2.93%	0.448%
19	11.588	873	875	879	rVB2	17427	27747	1.98%	0.302%
20	12.045	911	915	917	rBV2	8180	21612	1.54%	0.235%
21	12.182	925	927	929	rBV	162037	168830	12.04%	1.839%
22	12.399	944	946	949	rBV	164020	192516	13.73%	2.097%
23	12.457	949	951	955	rVB	15445	20903	1.49%	0.228%
24	12.559	958	960	963	rVV	757301	707995	50.50%	7.712%
25	12.628	963	966	969	rVB2	10471	18366	1.31%	0.200%
26	12.742	972	976	978	rBV2	14938	32872	2.34%	0.358%
27	12.811	978	982	983	rBV3	17078	34953	2.49%	0.381%
28	12.834	983	984	988	rVB2	16399	21756	1.55%	0.237%
29	13.245	1019	1020	1024	rBV2	10617	18885	1.35%	0.206%
30	13.371	1027	1031	1032	rBV2	16037	32052	2.29%	0.349%
31	13.394	1032	1033	1037	rVB2	9820	17137	1.22%	0.187%
32	13.474	1037	1040	1043	rBV2	119024	160480	11.45%	1.748%
33	13.600	1048	1051	1058	rVB2	269069	475776	33.94%	5.183%
34	13.702	1058	1060	1062	rBV	12423	15479	1.10%	0.169%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

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-BF072716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.794	1065	1068	1071	rBV3	21938	37370	2.67%	0.407%
36	13.920	1077	1079	1080	rBV	13168	15875	1.13%	0.173%
37	13.988	1083	1085	1086	rVV	14720	15958	1.14%	0.174%
38	14.102	1093	1095	1098	rBV	164217	171575	12.24%	1.869%
39	14.308	1110	1113	1117	rBV4	10466	28284	2.02%	0.308%
40	14.400	1117	1121	1124	rBV3	17015	48859	3.49%	0.532%
41	14.457	1124	1126	1129	rVB	18779	22500	1.61%	0.245%
42	14.514	1129	1131	1133	rBV	91424	86436	6.17%	0.942%
43	14.583	1135	1137	1142	rBV	98495	196690	14.03%	2.143%
44	14.674	1143	1145	1149	rBV2	115852	239167	17.06%	2.605%
45	14.823	1156	1158	1161	rVB	53488	72268	5.16%	0.787%
46	14.880	1161	1163	1165	rBV	77187	93985	6.70%	1.024%
47	14.925	1165	1167	1170	rBV	193417	225133	16.06%	2.452%
48	15.131	1182	1185	1188	rVB2	65126	82345	5.87%	0.897%
49	15.200	1188	1191	1194	rVB4	14377	35101	2.50%	0.382%
50	15.314	1198	1201	1203	rVV	86298	118912	8.48%	1.295%
51	15.348	1203	1204	1207	rVV2	42007	71029	5.07%	0.774%
52	15.405	1207	1209	1212	rVV2	31933	55205	3.94%	0.601%
53	15.463	1212	1214	1215	rVV	12403	19126	1.36%	0.208%
54	15.497	1215	1217	1222	rVB6	18496	33099	2.36%	0.361%
55	15.920	1251	1254	1258	rBV3	42518	81528	5.82%	0.888%
56	16.091	1266	1269	1272	rBV	26133	46793	3.34%	0.510%
57	16.148	1272	1274	1277	rVV	13892	26106	1.86%	0.284%
58	16.228	1278	1281	1284	rVV3	20104	47794	3.41%	0.521%
59	16.297	1284	1287	1293	rVB4	32428	95567	6.82%	1.041%
60	16.434	1296	1299	1302	rBV	21587	42057	3.00%	0.458%
61	16.514	1303	1306	1309	rVB4	16439	31558	2.25%	0.344%
62	17.291	1371	1374	1381	rVB5	14987	38968	2.78%	0.424%
63	18.069	1438	1442	1450	rVB8	9902	39165	2.79%	0.427%

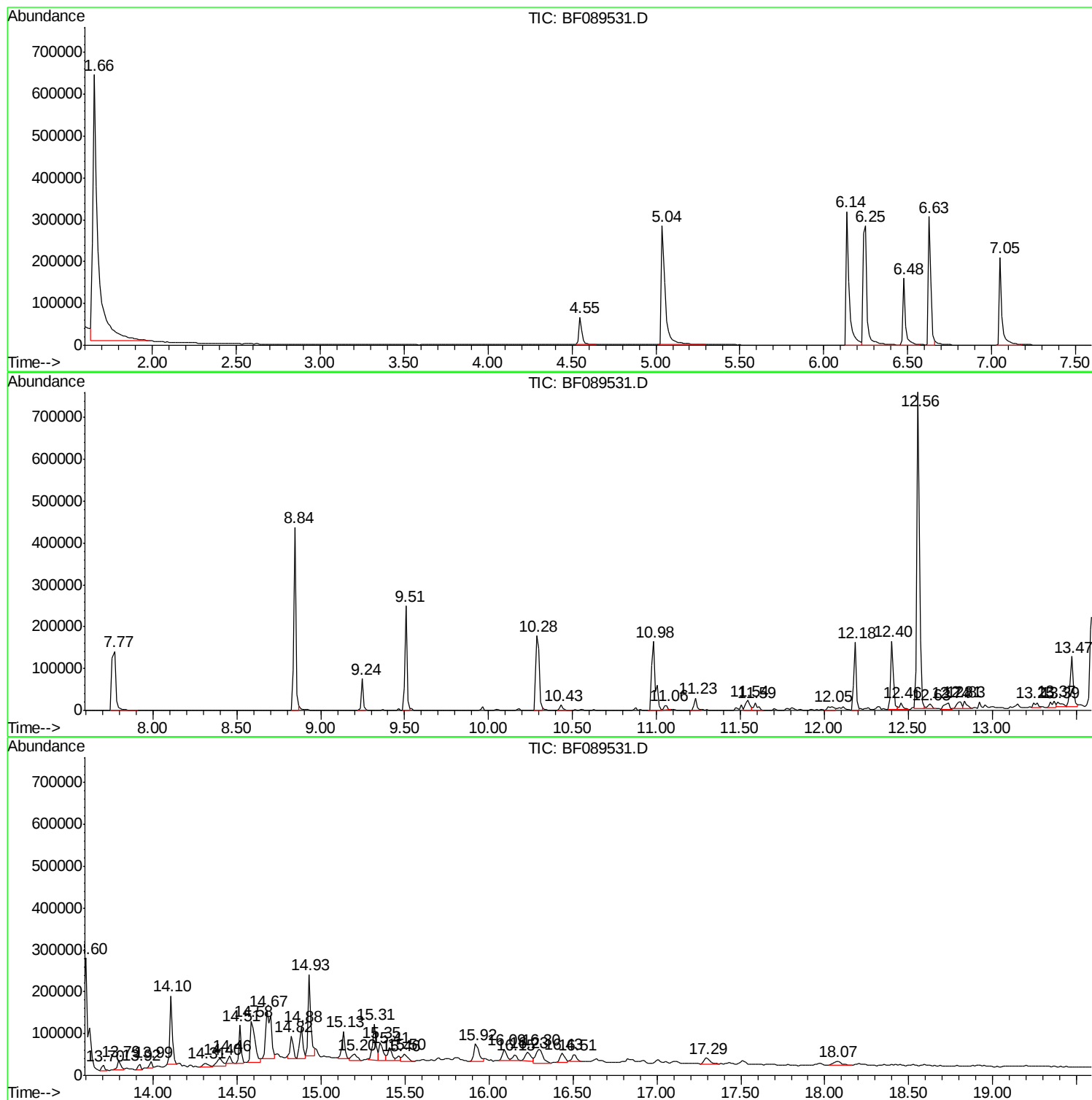
Sum of corrected areas: 9179992

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-58-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

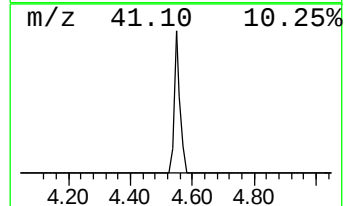
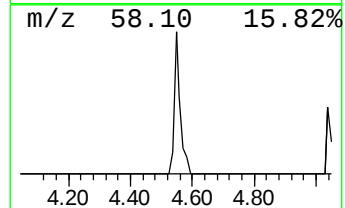
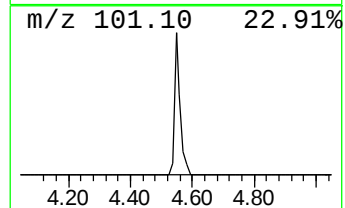
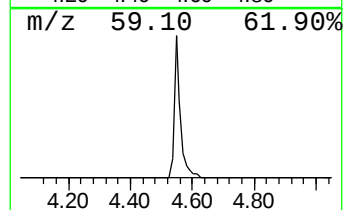
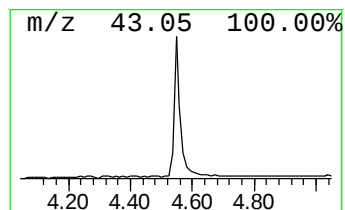
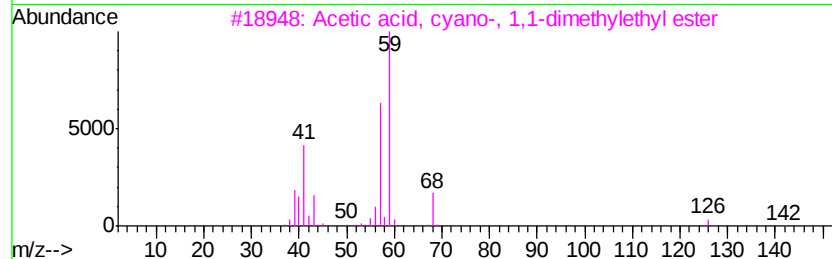
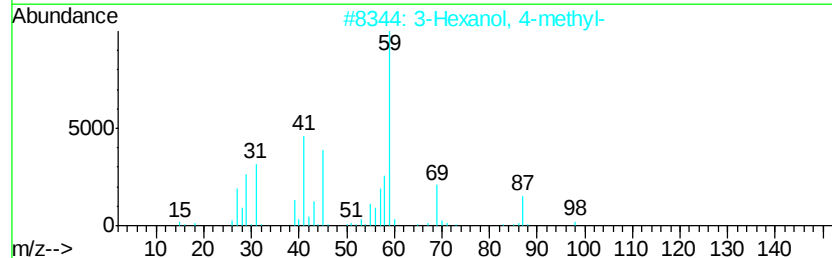
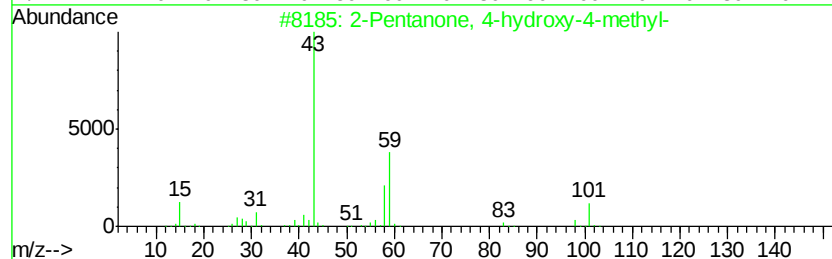
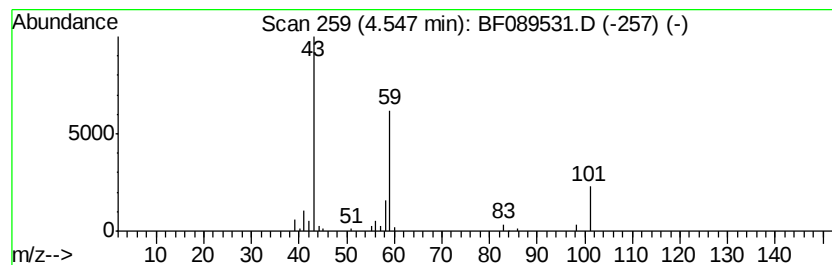
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	10.23 ng	87741	1,4-Dichlorobenzene-d4	6.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		Acetone	58	C3H6O	000067-64-1	10
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

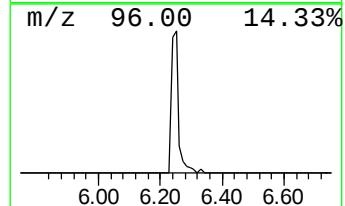
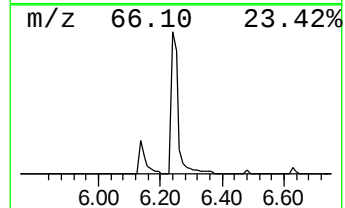
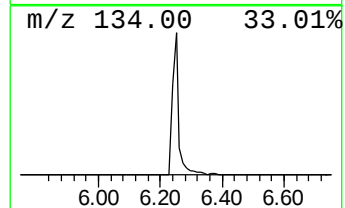
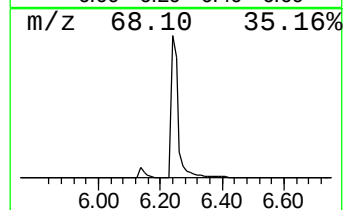
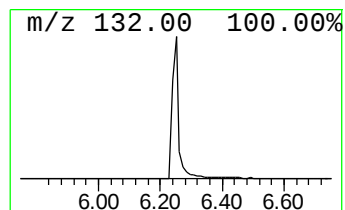
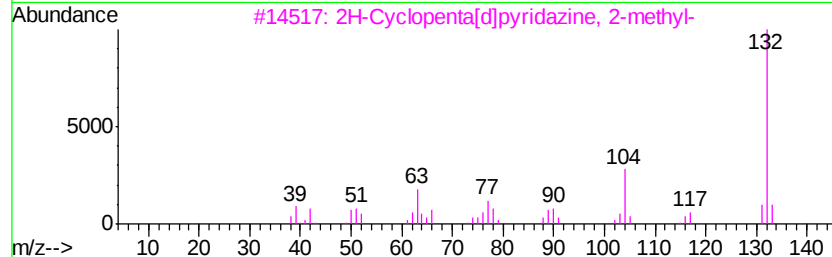
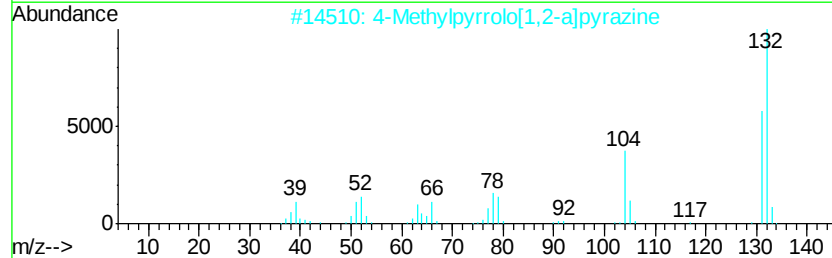
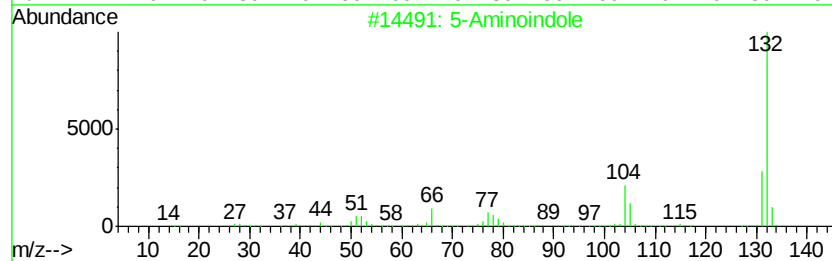
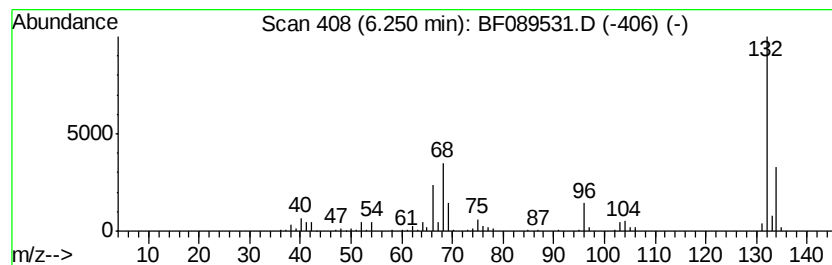
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	54.78 ng	469621	1,4-Dichlorobenzene-d4	6.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	16
2		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

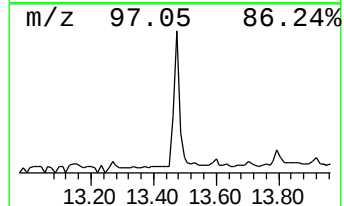
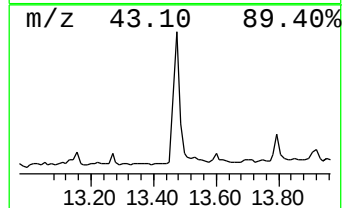
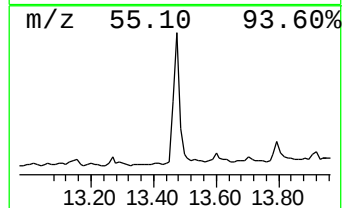
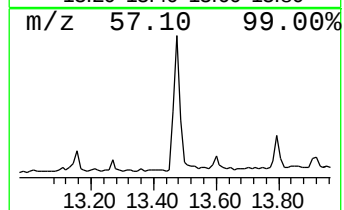
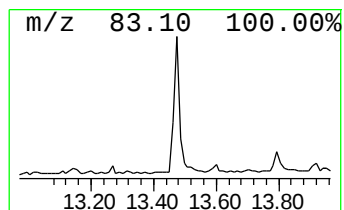
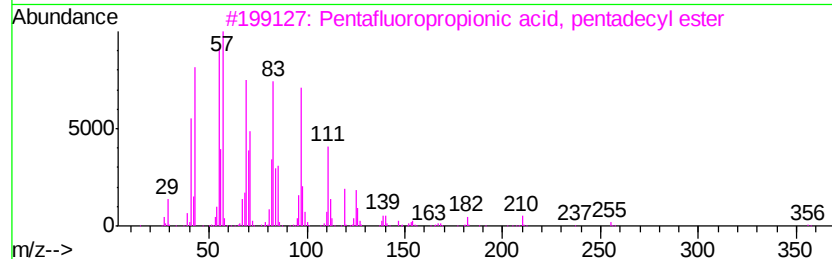
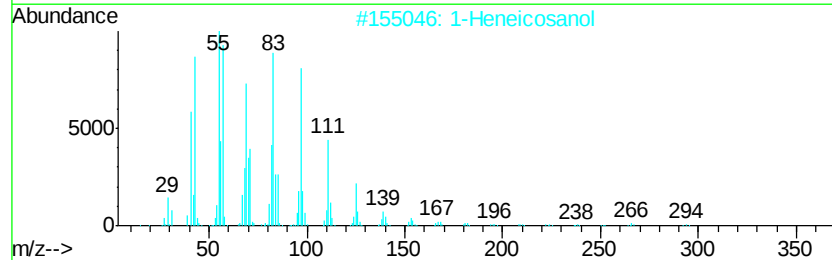
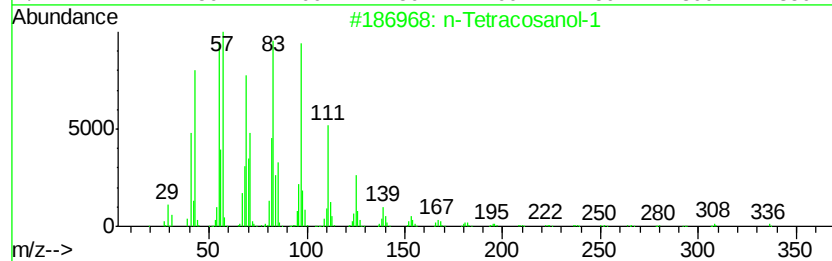
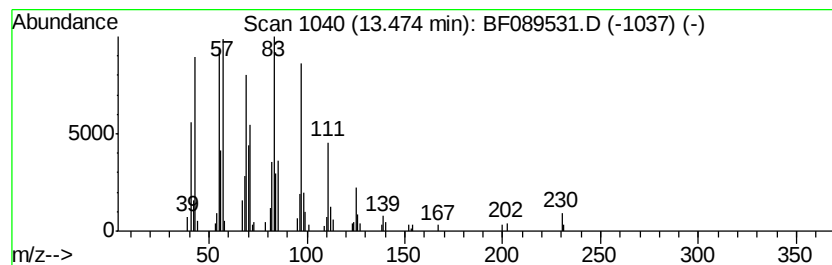
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Tetracosanol-1 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	6.75 ng	160480	Chrysene-d12	13.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

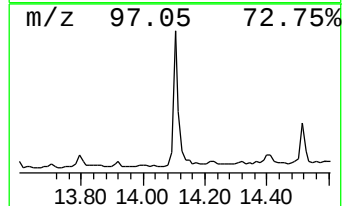
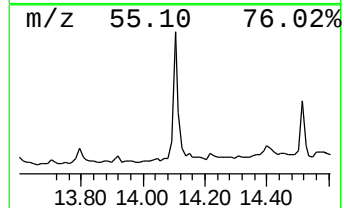
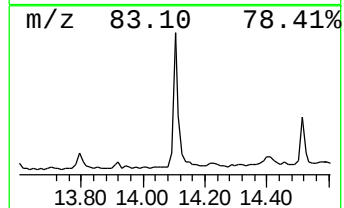
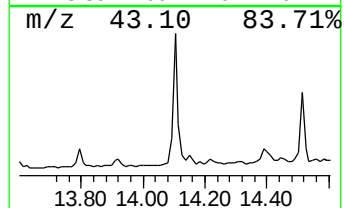
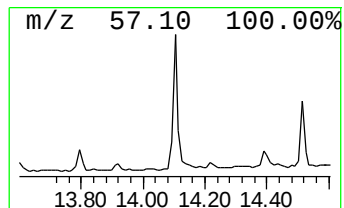
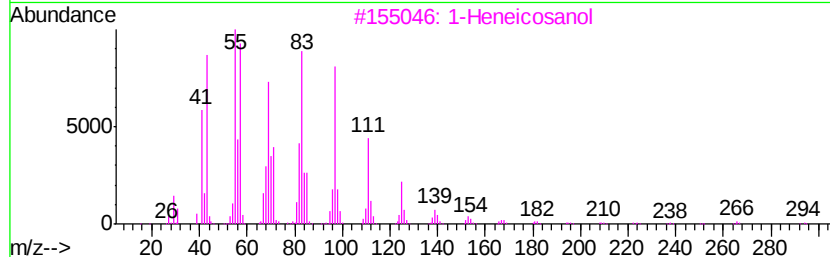
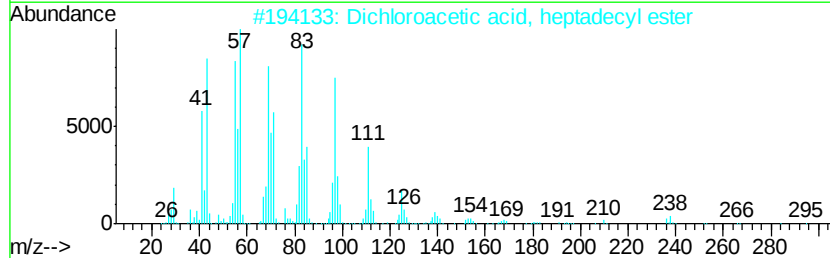
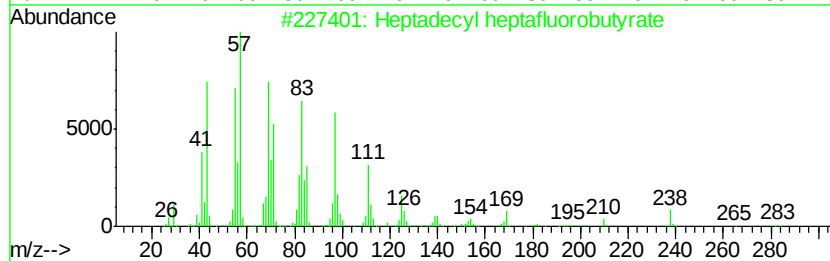
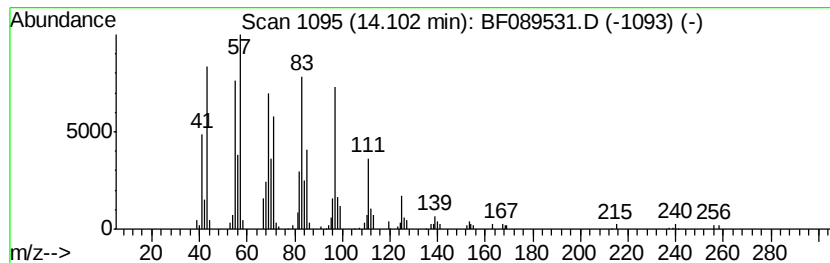
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	7.21 ng	171575	Chrysene-d12	13.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

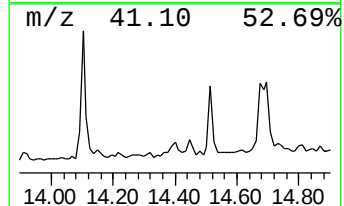
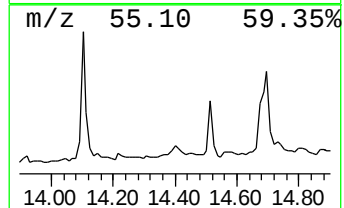
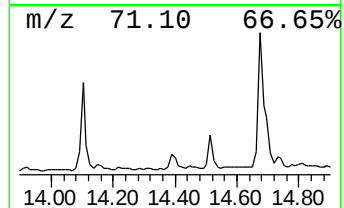
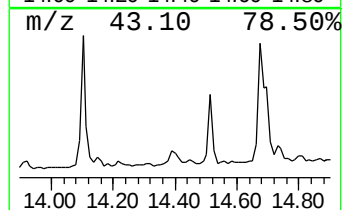
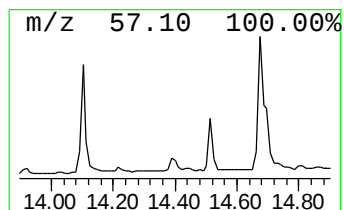
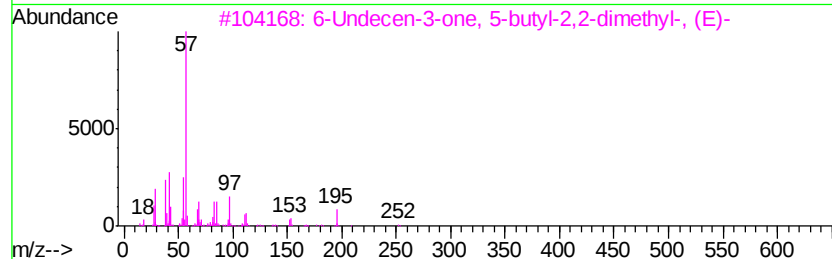
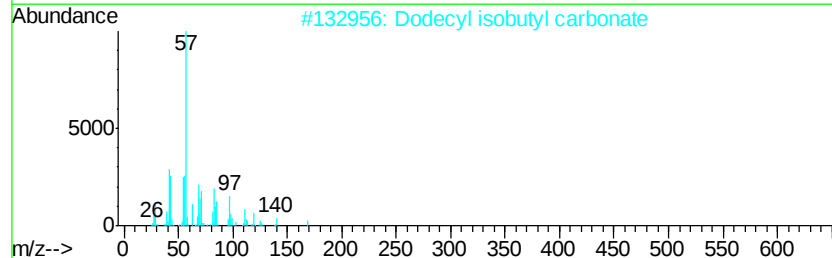
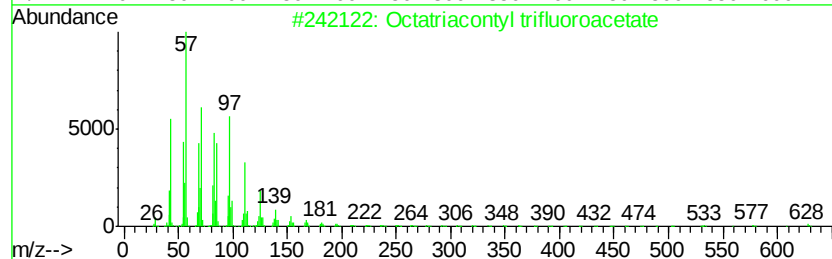
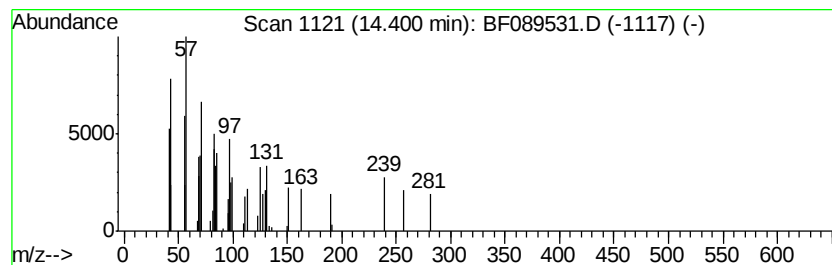
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown14.40 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	4.34 ng	48859	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	14
2		Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	14
3		6-Undecen-3-one, 5-butyl-2,2-dim...	252	C17H32O	055976-05-1	14
4		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	14
5		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

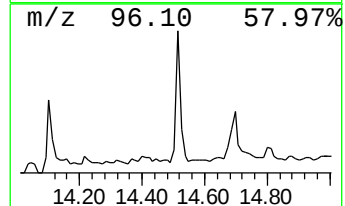
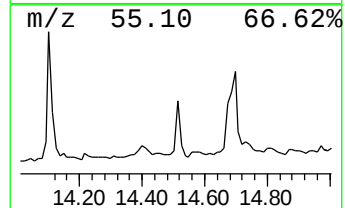
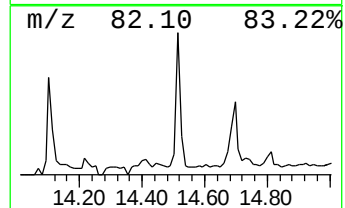
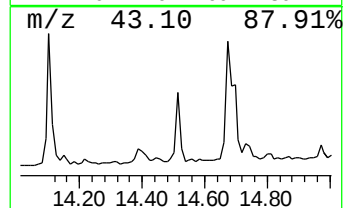
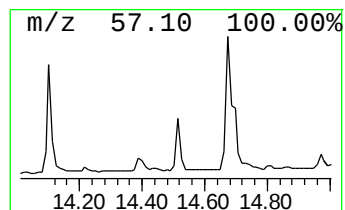
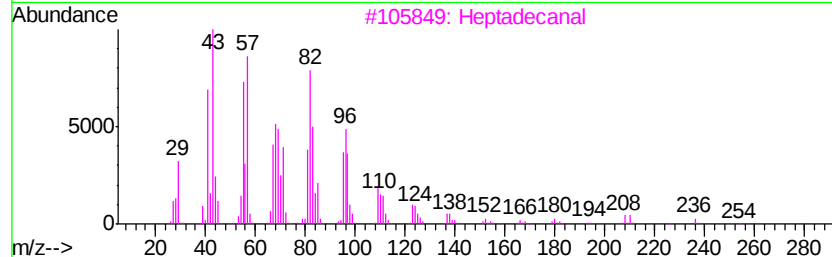
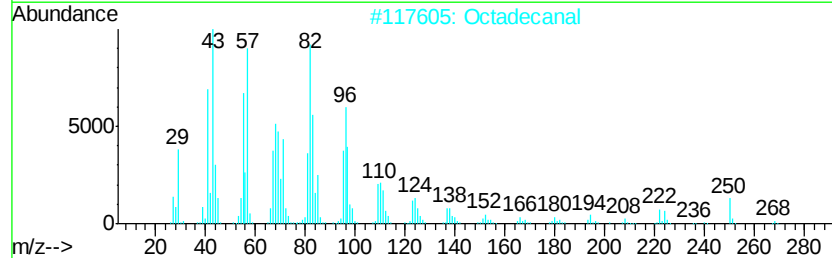
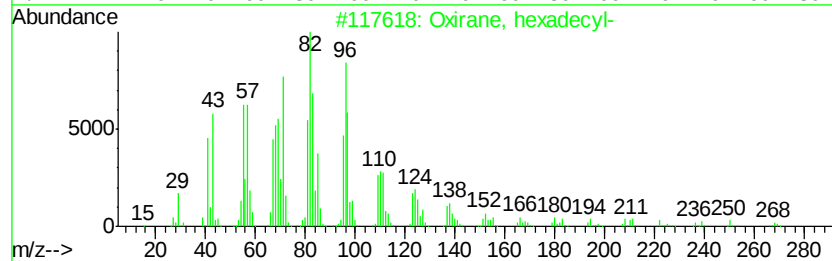
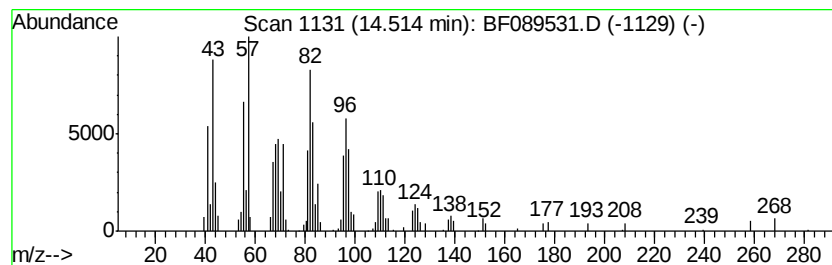
Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Oxirane, hexadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.51	7.68 ng	86436	Perylene-d12		14.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		Octadecanal	268	C18H36O	000638-66-4	91
3		Heptadecanal	254	C17H34O	1000376-70-0	91
4		Hexadecanal	240	C16H32O	000629-80-1	91
5		Pentadecanal-	226	C15H30O	002765-11-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

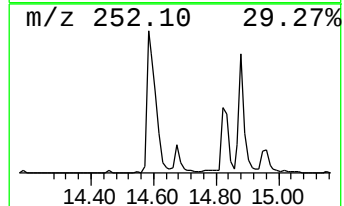
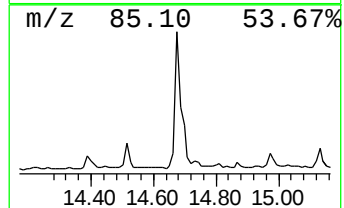
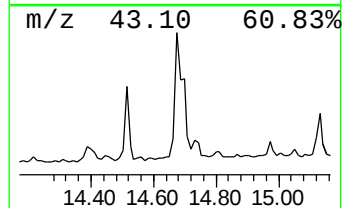
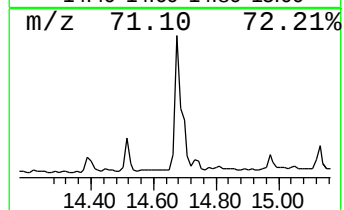
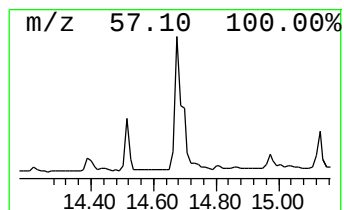
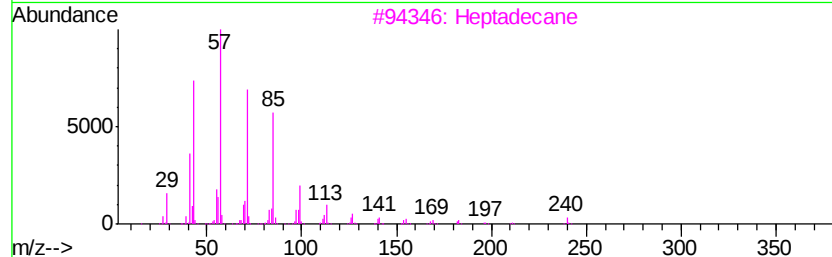
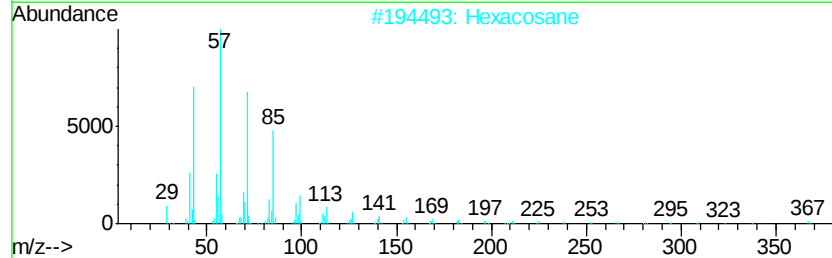
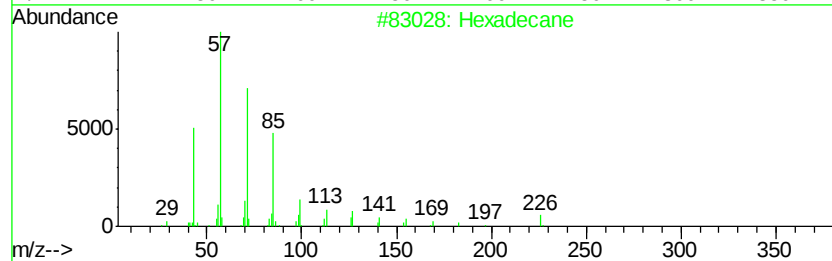
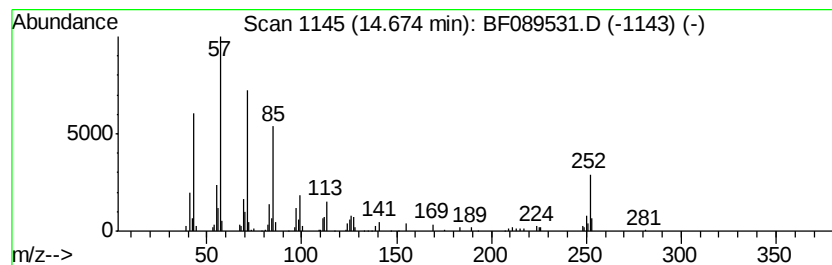
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	21.25 ng	239167	Perylene-d12	14.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Hexacosane		366	C26H54	000630-01-3	76
3	Heptadecane		240	C17H36	000629-78-7	76
4	Heneicosane		296	C21H44	000629-94-7	76
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
SB-58-0.5-1.5

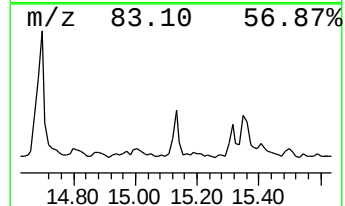
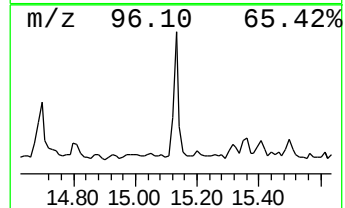
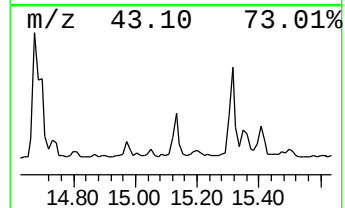
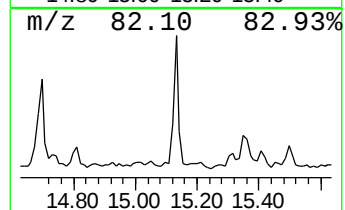
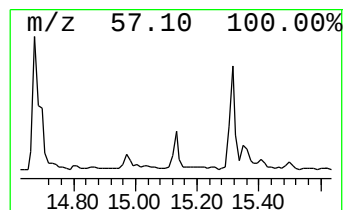
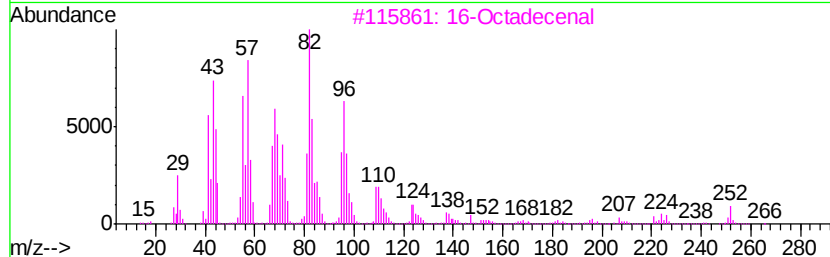
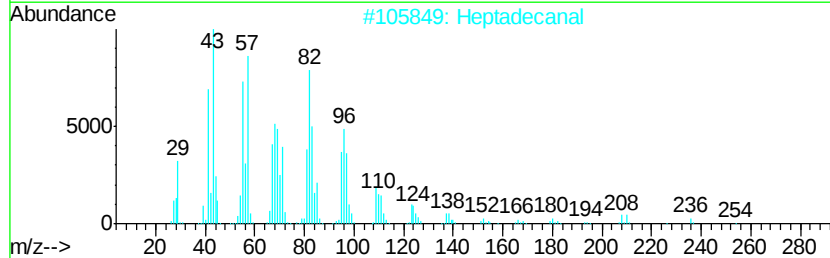
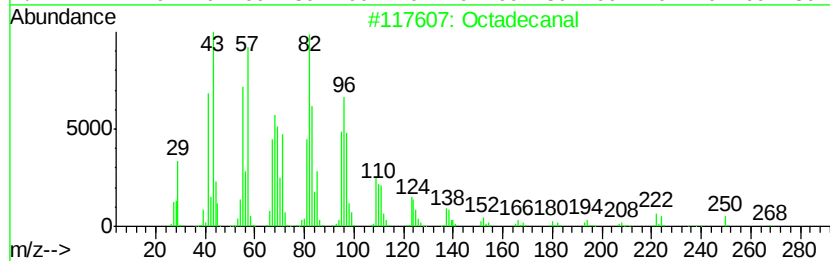
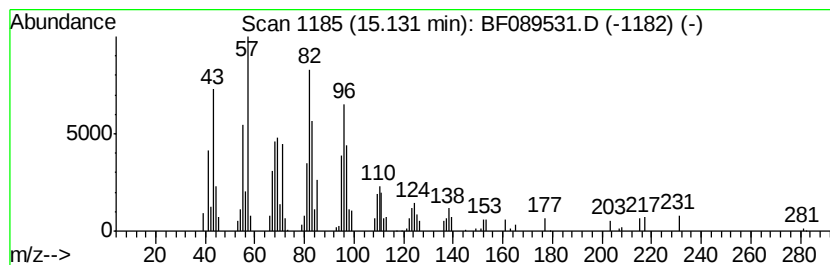
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	7.32 ng	82345	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Heptadecanal	254	C17H34O	1000376-70-0	91
3		16-Octadecenal	266	C18H34O	056554-87-1	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

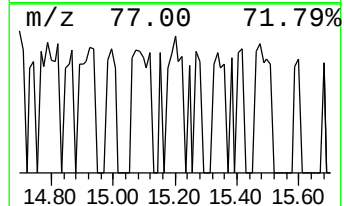
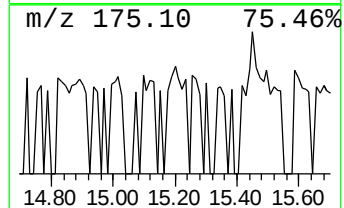
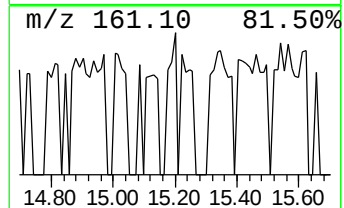
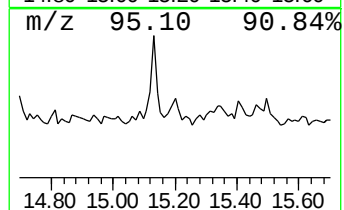
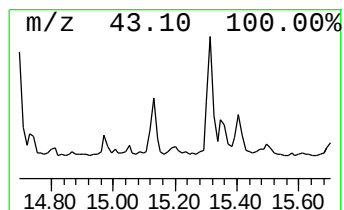
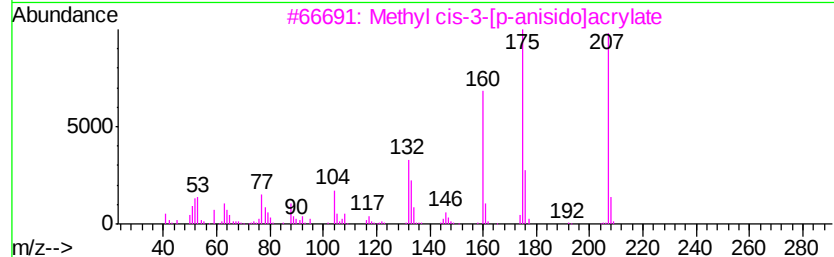
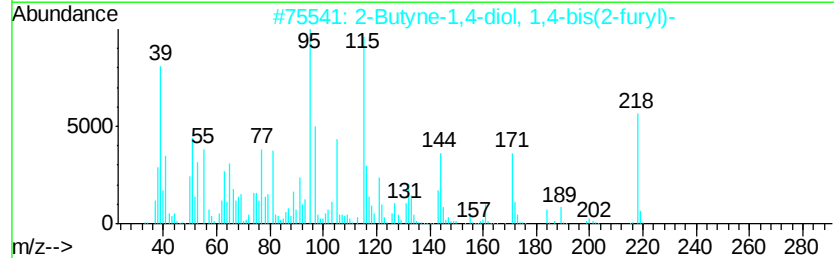
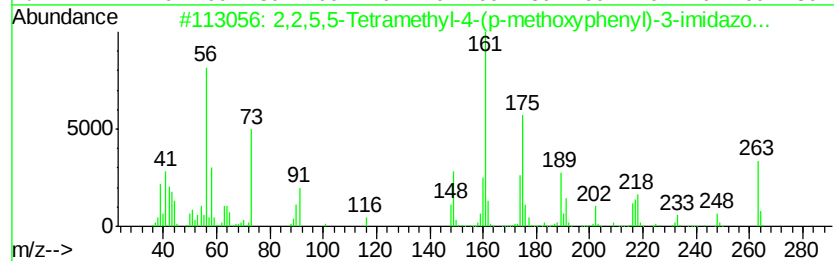
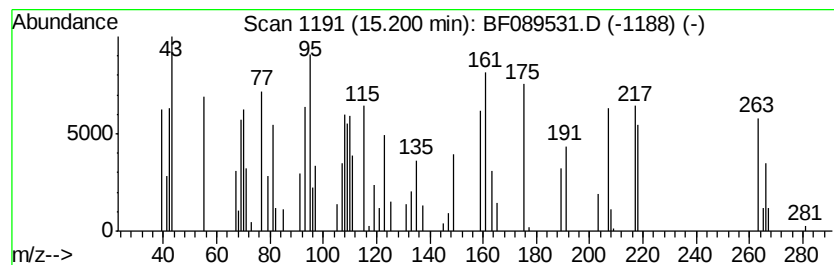
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown15.20 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.12 ng	35101	Perylene-d12	14.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,5,5-Tetramethyl-4-(p-methoxy...	263	C14H19N2O3	1000078-24-1	35		
2	2-Butyne-1,4-diol, 1,4-bis(2-fur...	218	C12H10O4	151232-03-0	11		
3	Methyl cis-3-[p-anisidolacrylate	207	C11H13NO3	007542-88-3	11		
4	Isoborneol, methyl(pentamethylen...	266	C16H30OSi	1000278-62-4	10		
5	Carotol	222	C15H26O	000465-28-1	10		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

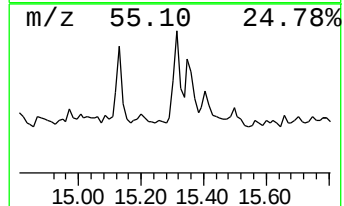
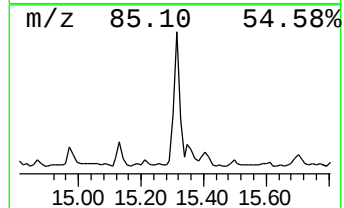
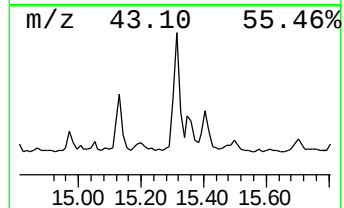
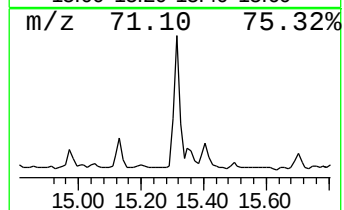
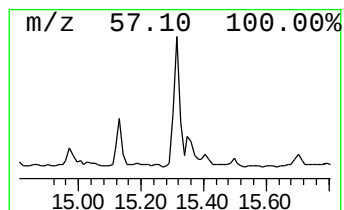
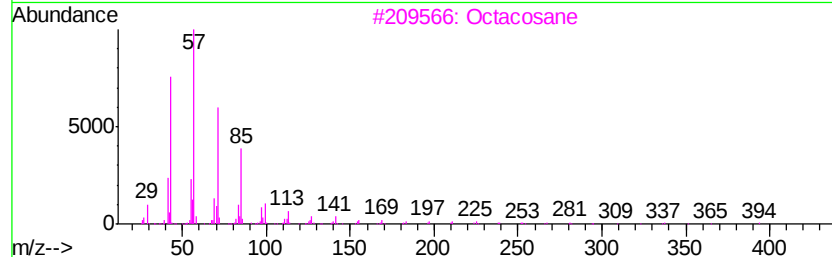
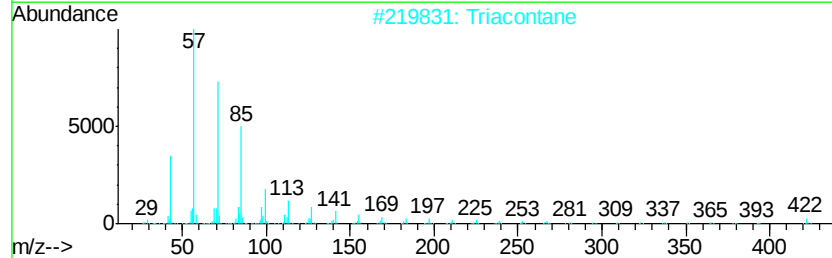
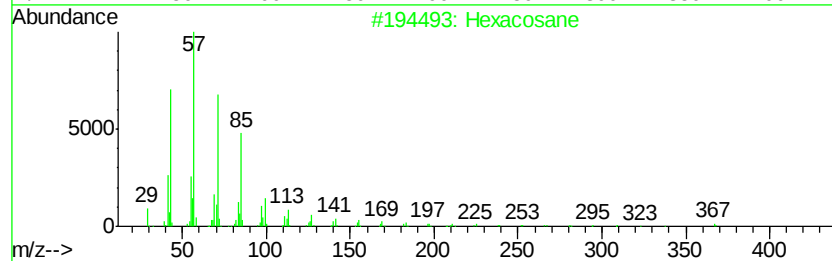
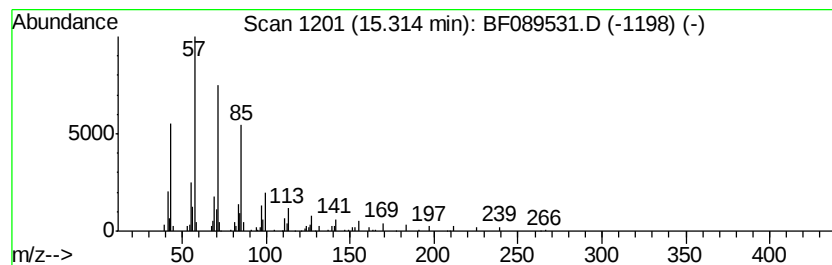
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	10.56 ng	118912	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

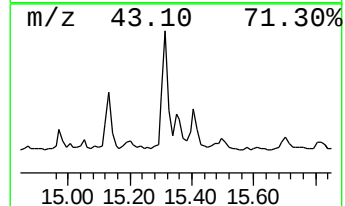
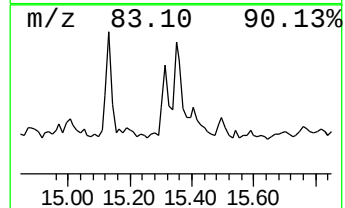
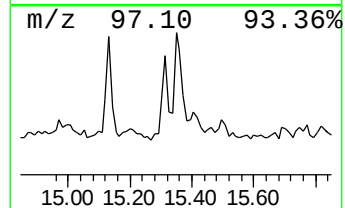
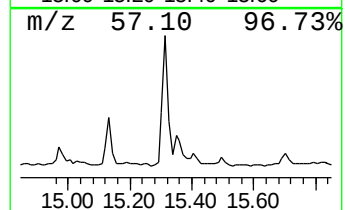
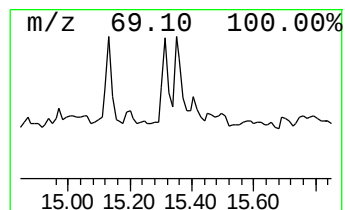
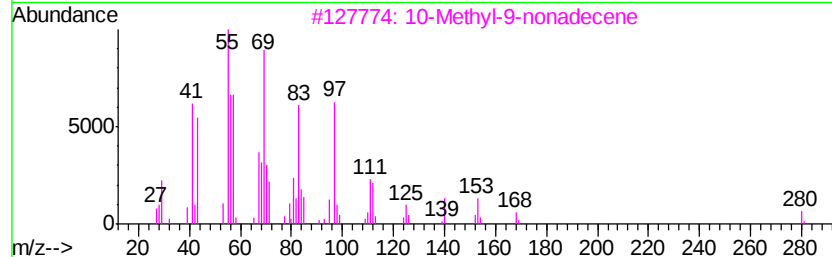
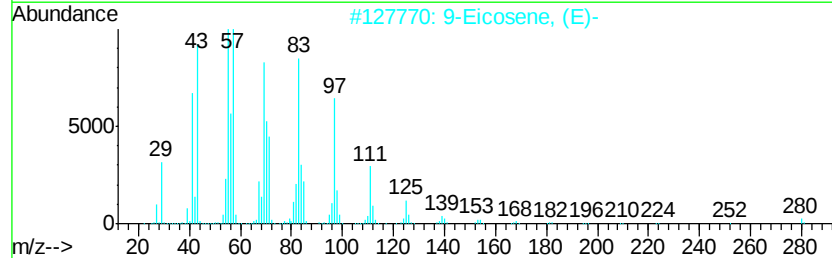
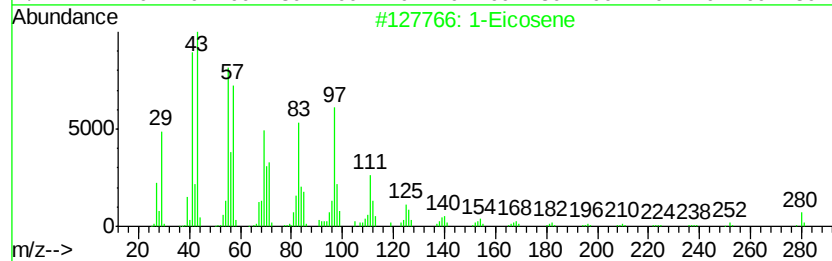
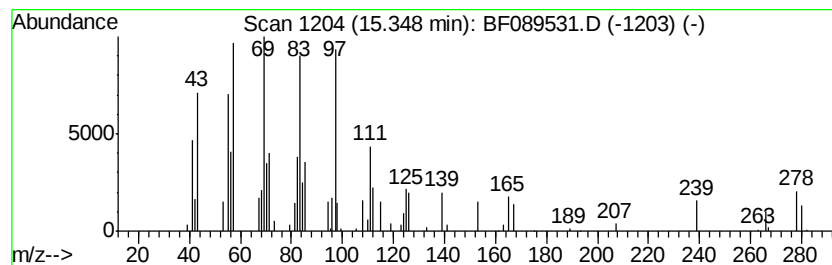
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Eicosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	6.31 ng	71029	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	90
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	87
3		10-Methyl-9-nonadecene	280	C20H40	1000114-07-5	70
4		Cycloeicosane	280	C20H40	000296-56-0	64
5		Octacosanol	410	C28H58O	000557-61-9	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

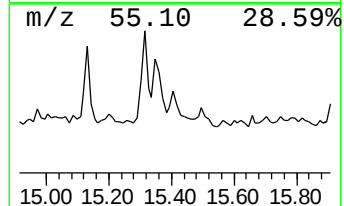
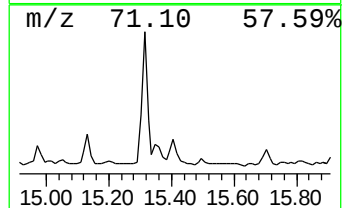
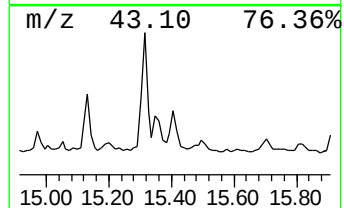
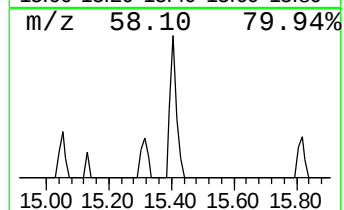
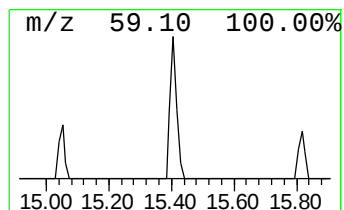
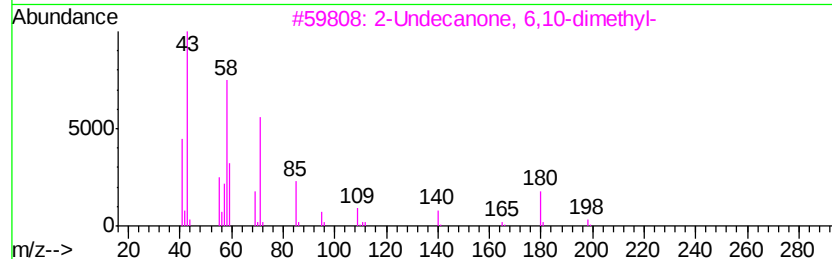
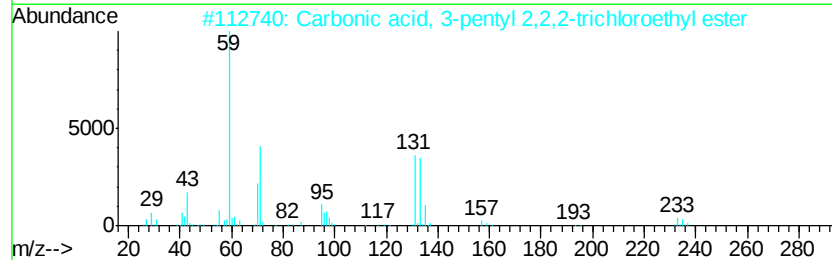
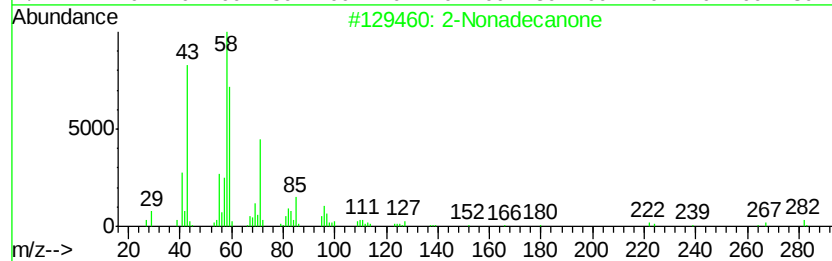
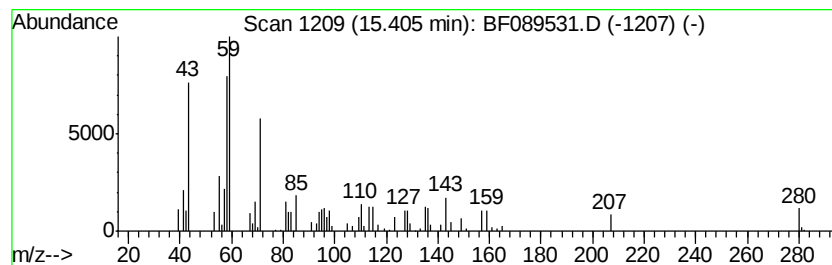
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown15.41 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.90 ng	55205	Perylene-d12	14.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone			282	C19H38O	000629-66-3	43
2	Carbonic acid, 3-pentyl 2,2,2-tr...			262	C8H13Cl3O3	1000325-65-4	38
3	2-Undecanone, 6,10-dimethyl-			198	C13H26O	001604-34-8	38
4	2-Tridecanone			198	C13H26O	000593-08-8	38
5	2-Pentanone, 5-methoxy-			116	C6H12O2	017429-04-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

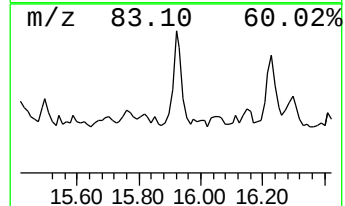
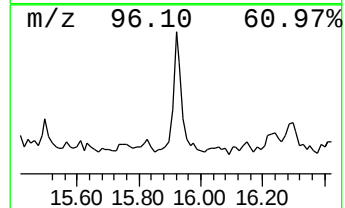
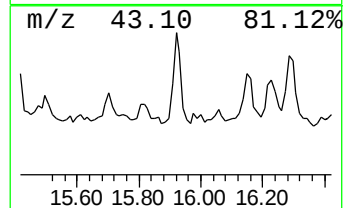
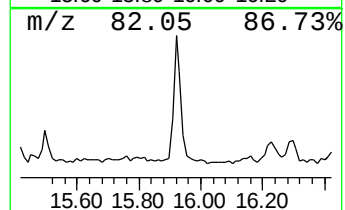
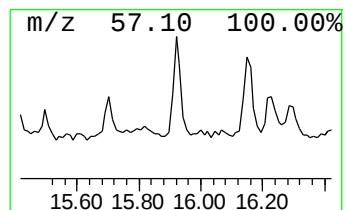
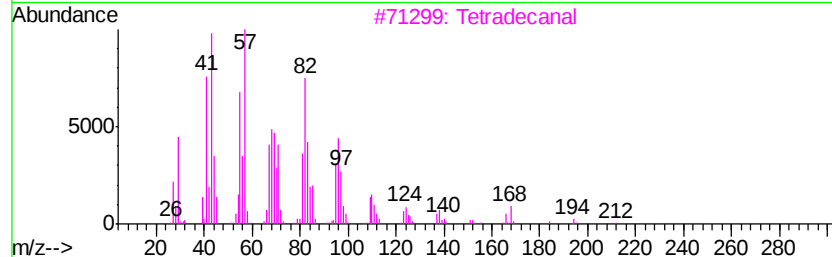
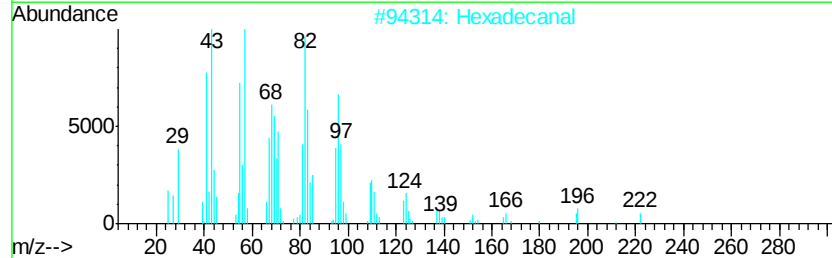
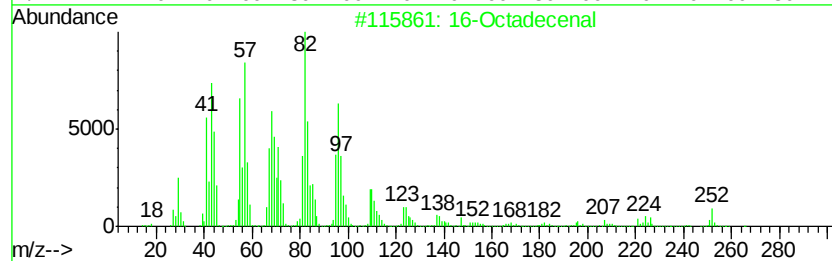
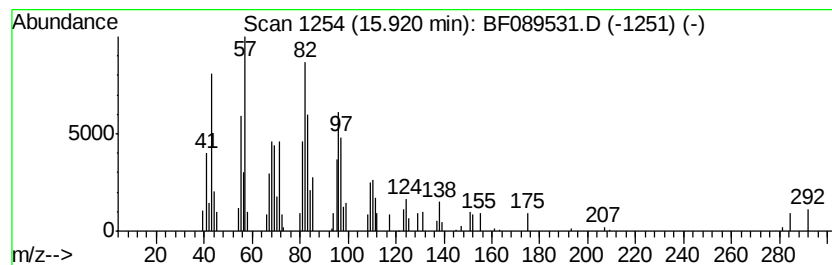
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 16-Octadecenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	7.24 ng	81528	Perylene-d12	14.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenal	266	C18H34O	056554-87-1	91
2			Hexadecanal	240	C16H32O	000629-80-1	91
3			Tetradecanal	212	C14H28O	000124-25-4	90
4			Octadecanal	268	C18H36O	000638-66-4	87
5			17-Octadecenal	266	C18H34O	056554-86-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

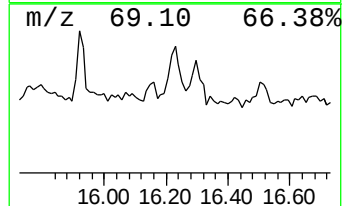
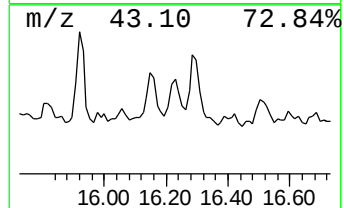
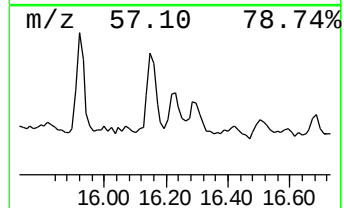
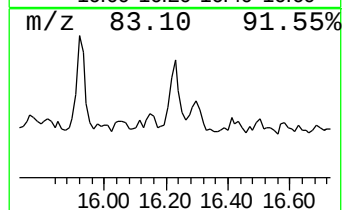
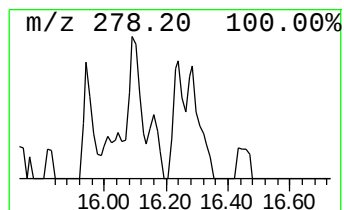
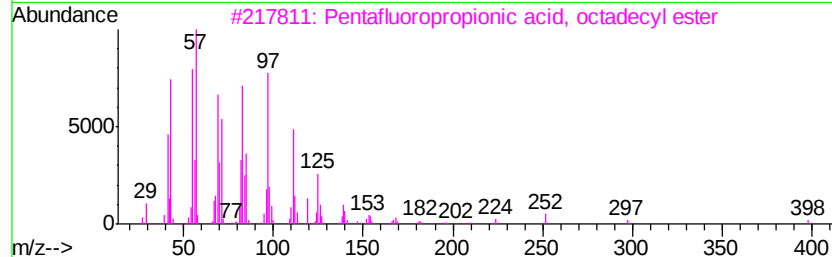
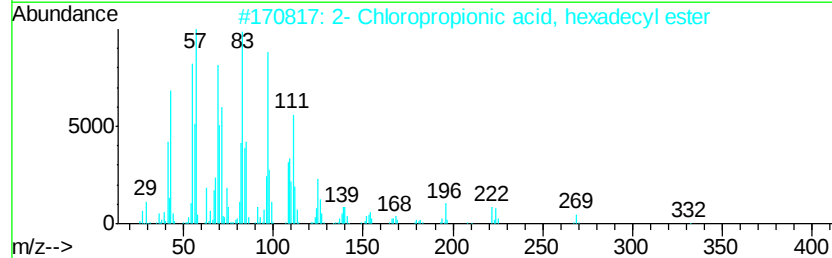
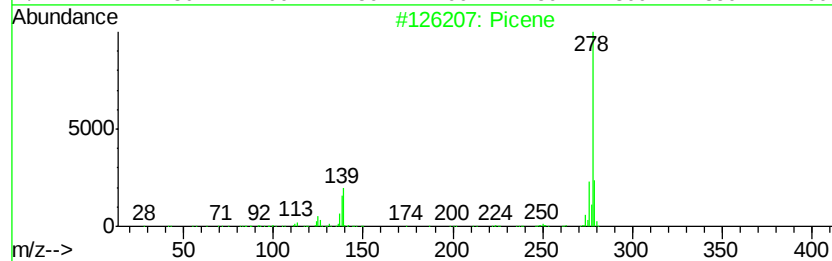
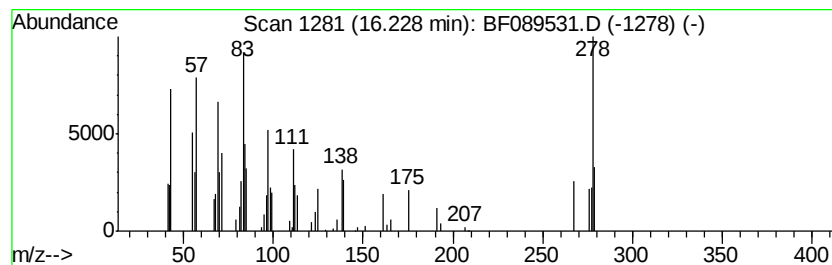
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown16.23 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	4.25 ng	47794	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	30
2		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	30
3		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	25
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	25
5		Heptacosyl acetate	438	C29H58O2	1000351-78-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

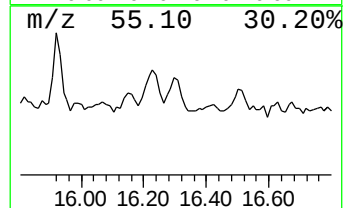
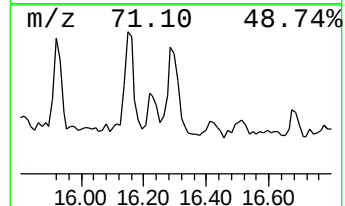
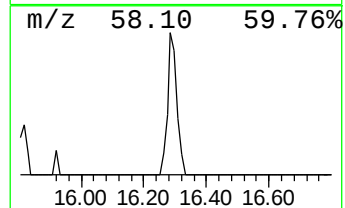
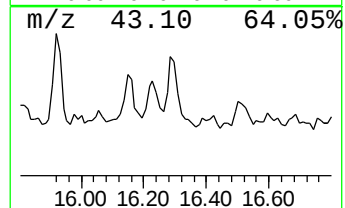
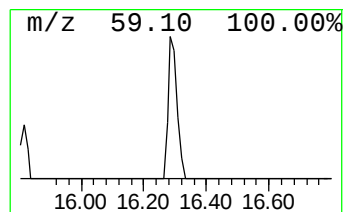
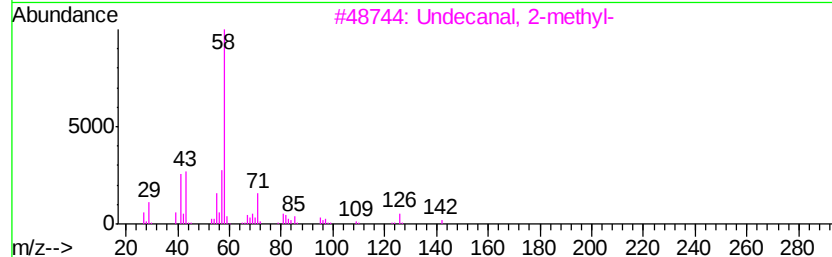
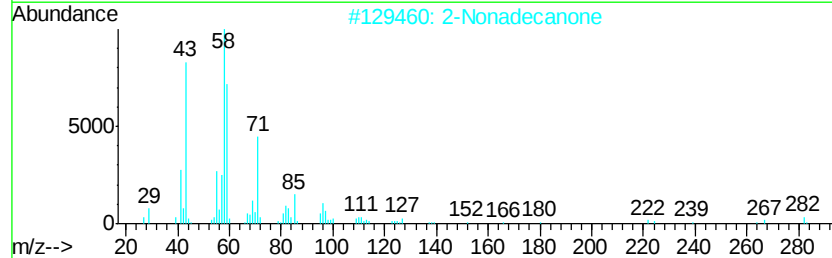
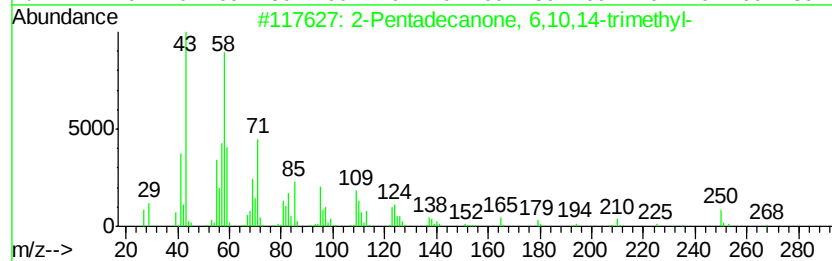
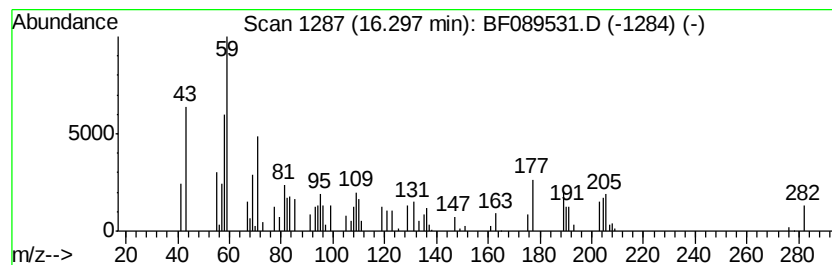
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown16.30 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	8.49 ng	95567	Perylene-d12	14.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentadecanone, 6,10,14-trimethyl-	268	C18H36O	000502-69-2	35		
2	2-Nonadecanone	282	C19H38O	000629-66-3	32		
3	Undecanal, 2-methyl-	184	C12H24O	000110-41-8	27		
4	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	25		
5	2-Heptadecanone	254	C17H34O	002922-51-2	25		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

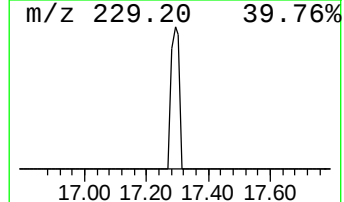
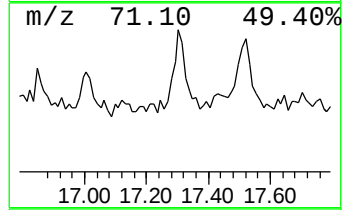
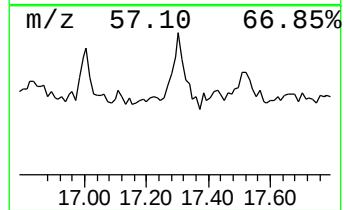
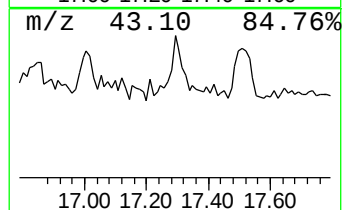
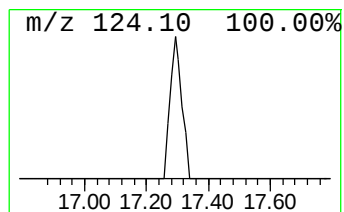
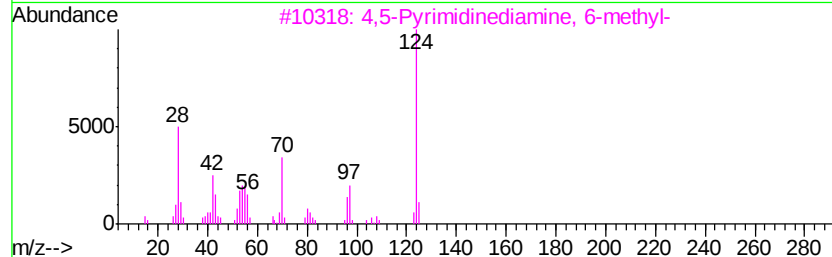
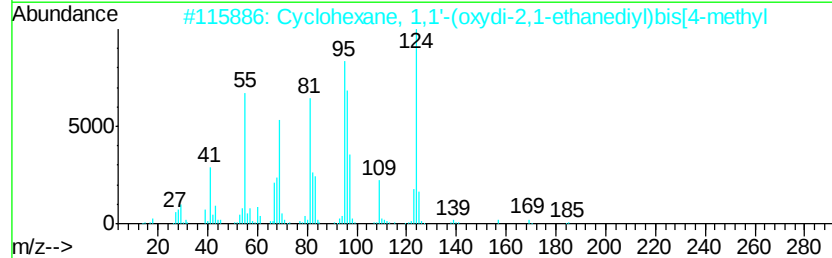
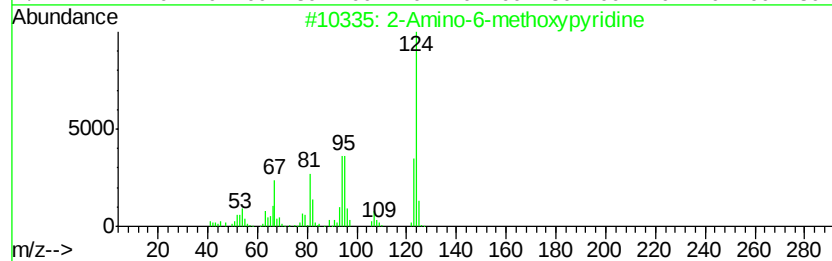
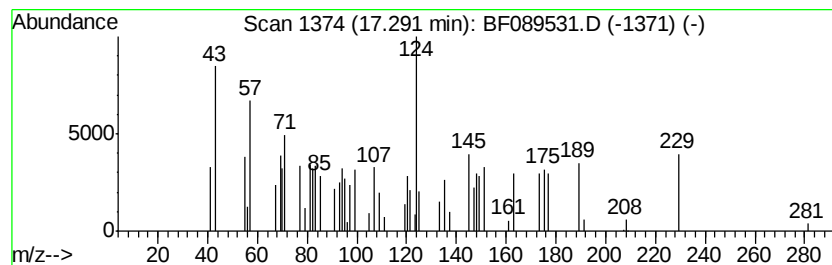
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown17.29 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	3.46 ng	38968	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-6-methoxypyrindine	124	C6H8N2O	017920-35-3	10
2		Cyclohexane, 1,1'-(oxydi-2,1-eth...	266	C18H34O	055044-32-1	10
3		4,5-Pyrimidinediamine, 6-methyl-	124	C5H8N4	022715-28-2	10
4		Benzeneethanol, .alpha.-methyl-3...	178	C12H18O	054518-11-5	9
5		3-Pyridinecarboxylic acid, hexyl...	207	C12H17NO2	023597-82-2	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089531.D
Acq On : 2 Aug 2016 1:26
Operator : UM/SJ
Sample : H4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58-0.5-1.5

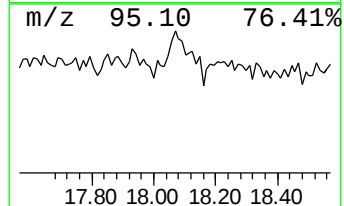
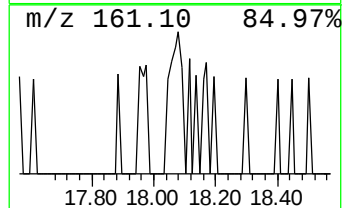
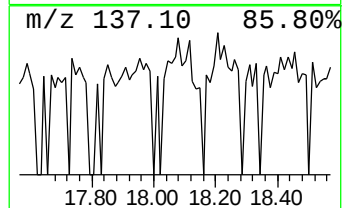
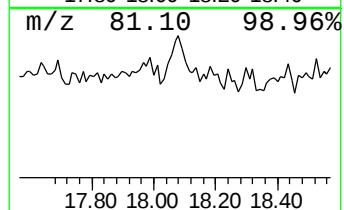
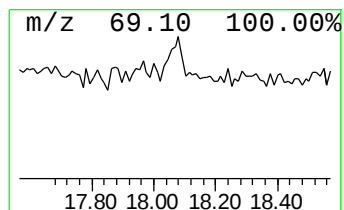
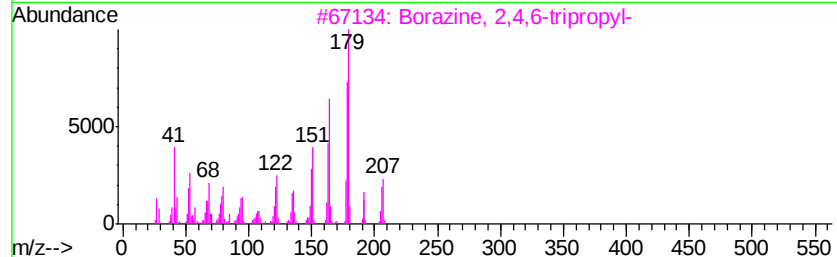
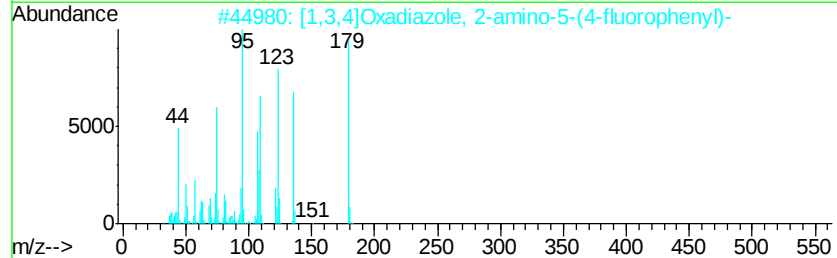
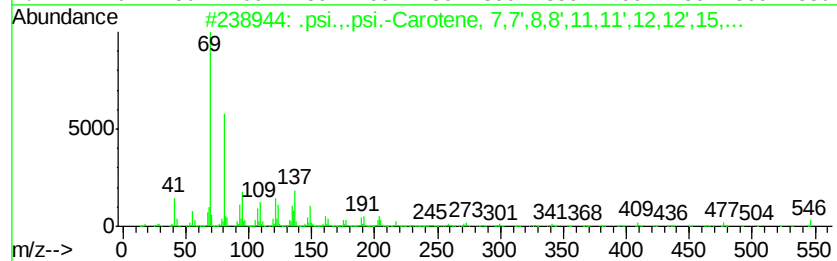
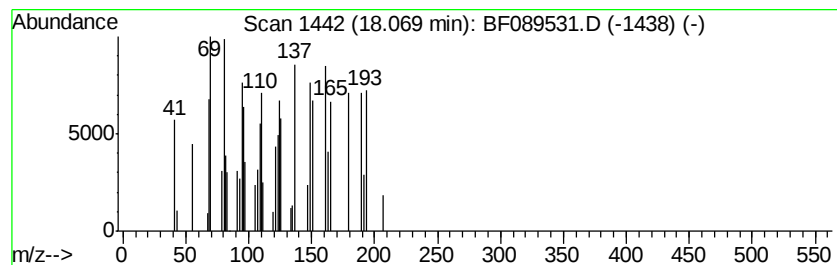
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown18.07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.48 ng	39165	Perylene-d12	14.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	12
2		[1,3,4]Oxadiazole, 2-amino-5-(4-...	179	C8H6FN3O	1000316-48-2	11
3		Borazine, 2,4,6-tripropyl-	207	C9H24B3N3	090723-42-5	10
4		.alpha.,.alpha.,.alpha.-Trifluor...	189	C8H6F3NO	000657-78-3	10
5		cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089531.D
 Acq On : 2 Aug 2016 1:26
 Operator : UM/SJ
 Sample : H4287-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-58-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.55	10.2	ng	87741	1	6.48	171472	20.0
unknown6.25	6.25	54.8	ng	469621	1	6.48	171472	20.0
n-Tetracosanol-1	13.47	6.8	ng	160480	5	13.60	475776	20.0
Heptadecyl heptaf...	14.10	7.2	ng	171575	5	13.60	475776	20.0
unknown14.40	14.40	4.3	ng	48859	6	14.93	225133	20.0
Oxirane, hexadecyl-	14.51	7.7	ng	86436	6	14.93	225133	20.0
Hexadecane	14.67	21.3	ng	239167	6	14.93	225133	20.0
Octadecanal	15.13	7.3	ng	82345	6	14.93	225133	20.0
unknown15.20	15.20	3.1	ng	35101	6	14.93	225133	20.0
Hexacosane	15.31	10.6	ng	118912	6	14.93	225133	20.0
1-Eicosene	15.35	6.3	ng	71029	6	14.93	225133	20.0
unknown15.41	15.41	4.9	ng	55205	6	14.93	225133	20.0
16-Octadecenal	15.92	7.2	ng	81528	6	14.93	225133	20.0
unknown16.23	16.23	4.3	ng	47794	6	14.93	225133	20.0
unknown16.30	16.30	8.5	ng	95567	6	14.93	225133	20.0
unknown17.29	17.29	3.5	ng	38968	6	14.93	225133	20.0
unknown18.07	18.07	3.5	ng	39165	6	14.93	225133	20.0