

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096245.D
 Acq On : 28 Jun 2017 13:14
 Operator : SJ/MA
 Sample : I3893-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC062317-1SE

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-BF062717.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	2.146	7	10	18	rVB2	31729	57792	1.18%	0.127%
2	4.987	487	493	503	rBV	883949	1131472	23.04%	2.479%
3	5.398	558	563	566	rBV	4496789	4911640	100.00%	10.763%
4	6.416	727	736	739	rBV	4474061	4880719	99.37%	10.695%
5	6.551	754	759	762	rBV	4690457	4664522	94.97%	10.222%
6	6.610	766	769	772	rBV	1145114	973869	19.83%	2.134%
7	6.781	794	798	802	rVB	1262338	1090479	22.20%	2.390%
8	6.939	821	825	828	rBV	3767623	3293621	67.06%	7.217%
9	7.339	888	893	896	rBV	3182108	3046282	62.02%	6.675%
10	7.428	904	908	914	rVB2	84796	97828	1.99%	0.214%
11	7.757	959	964	967	rBV	84852	97283	1.98%	0.213%
12	8.063	1012	1016	1019	rBV	1780841	1539848	31.35%	3.374%
13	8.669	1115	1119	1121	rBV	66646	69206	1.41%	0.152%
14	9.139	1194	1199	1202	rBV	4411279	4220000	85.92%	9.248%
15	9.228	1211	1214	1218	rVB2	93112	85777	1.75%	0.188%
16	9.528	1261	1265	1268	rBV	1474789	1377488	28.05%	3.019%
17	9.757	1302	1304	1308	rVB	142387	121407	2.47%	0.266%
18	9.816	1309	1314	1317	rBV	1649464	1518702	30.92%	3.328%
19	10.257	1386	1389	1392	rVB	214649	162050	3.30%	0.355%
20	10.480	1422	1427	1430	rBV	92890	115432	2.35%	0.253%
21	10.598	1442	1447	1450	rBV	2715986	2580990	52.55%	5.656%
22	10.727	1466	1469	1477	rBV	253976	327685	6.67%	0.718%
23	11.175	1542	1545	1548	rBV	177207	147426	3.00%	0.323%
24	11.210	1548	1551	1556	rVB	90587	92561	1.88%	0.203%
25	11.292	1561	1565	1568	rVV	1531517	1302575	26.52%	2.854%
26	11.316	1568	1569	1572	rVB	126859	67675	1.38%	0.148%
27	11.363	1572	1577	1580	rBV4	40737	51168	1.04%	0.112%
28	11.604	1615	1618	1623	rVB	116533	106969	2.18%	0.234%
29	11.827	1652	1656	1660	rBV2	367290	362110	7.37%	0.794%
30	12.010	1684	1687	1689	rVB	68323	53332	1.09%	0.117%
31	12.404	1751	1754	1756	rVB2	109281	98748	2.01%	0.216%
32	12.498	1763	1770	1774	rBV	158994	198629	4.04%	0.435%
33	12.616	1784	1790	1799	rBV	648122	849371	17.29%	1.861%
34	12.727	1806	1809	1814	rVB	144309	130947	2.67%	0.287%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.880	1830	1835	1838	rBV	3312712	3168341	64.51%	6.943%
36	13.774	1984	1987	1995	rBV	485552	483833	9.85%	1.060%
37	13.921	2008	2012	2015	rBV	1176048	1059245	21.57%	2.321%
38	15.351	2250	2255	2261	rBV	805714	978691	19.93%	2.145%
39	15.862	2339	2342	2350	rVB2	71758	118111	2.40%	0.259%

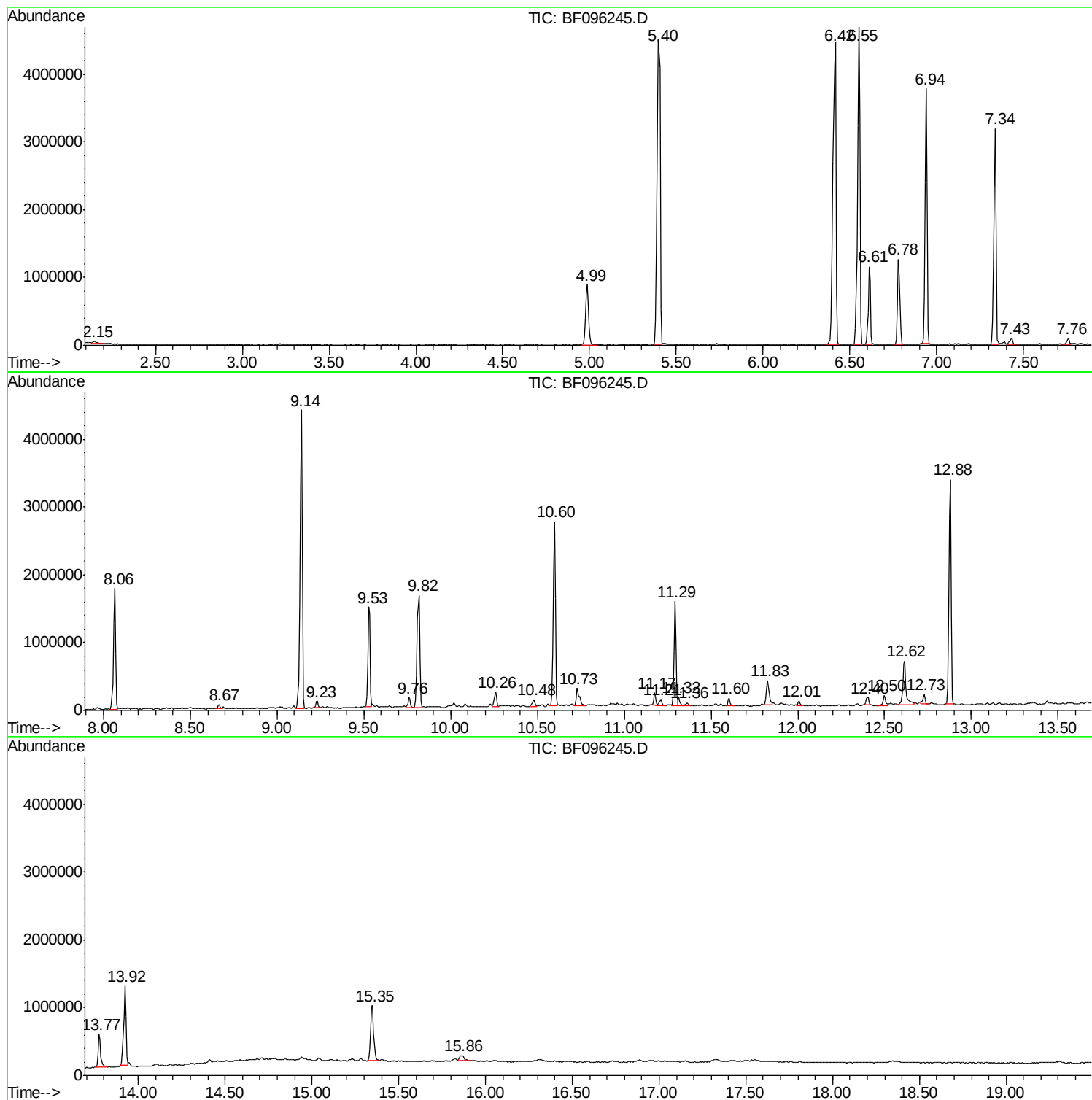
Sum of corrected areas: 45633824

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.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\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

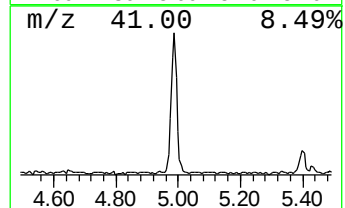
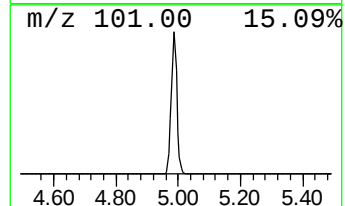
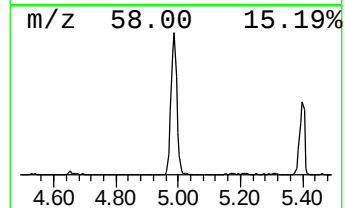
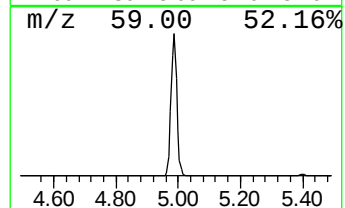
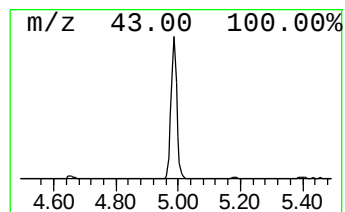
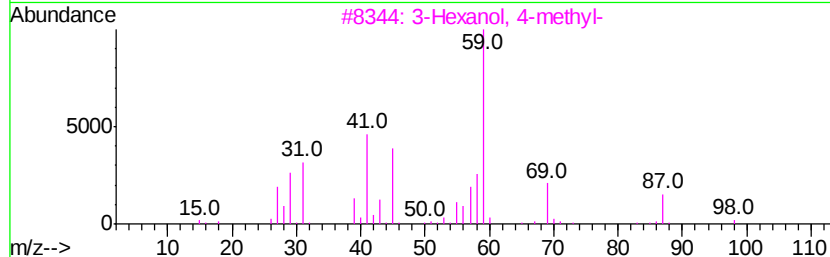
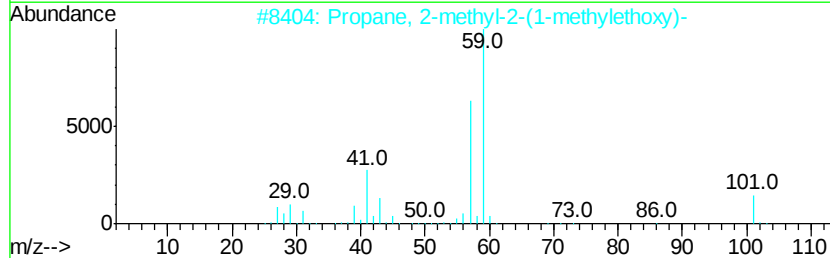
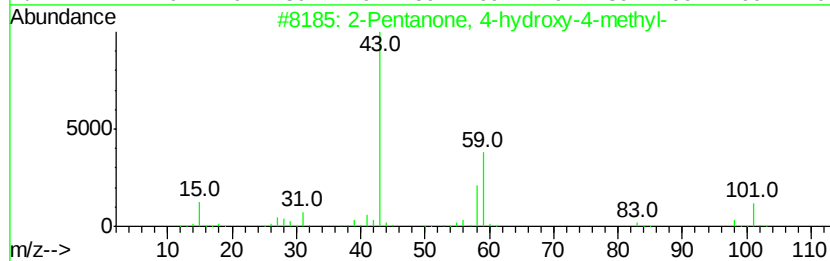
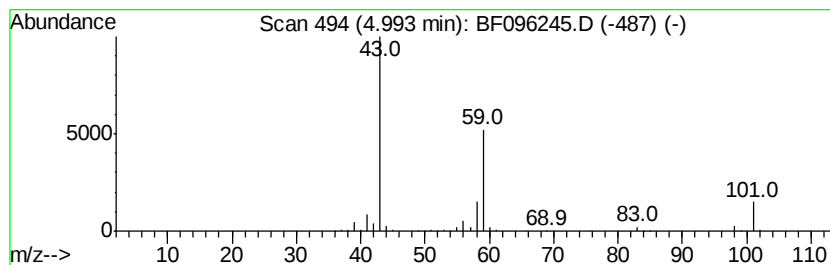
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
4.99	20.75 ng	1131470	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

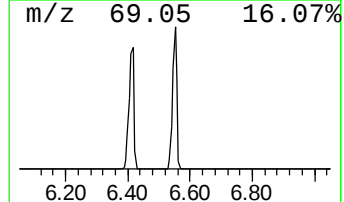
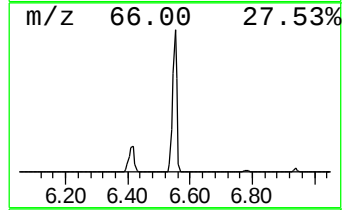
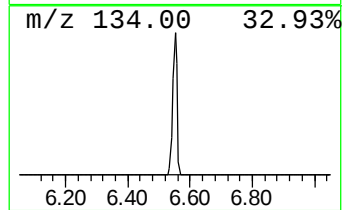
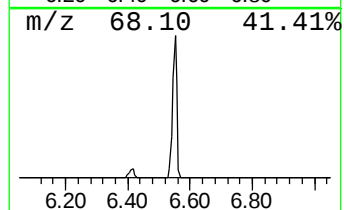
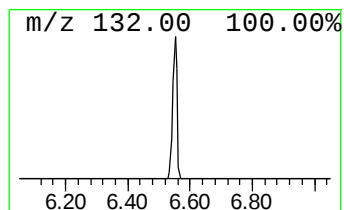
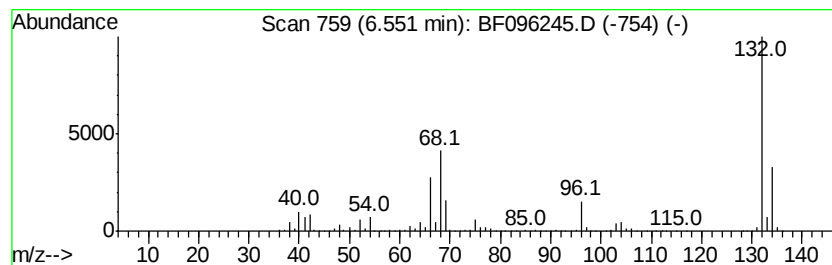
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	85.55 ng	4664520	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

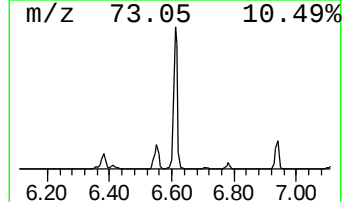
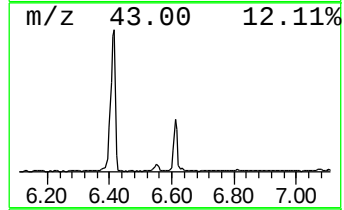
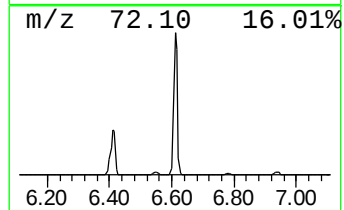
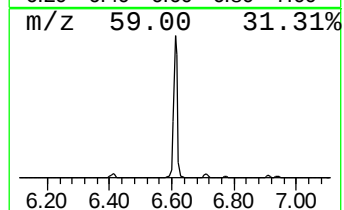
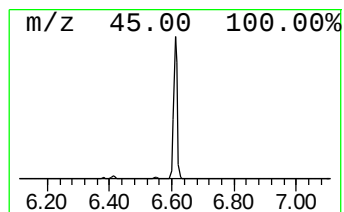
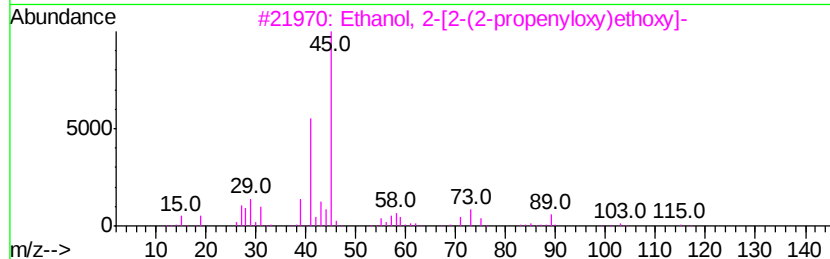
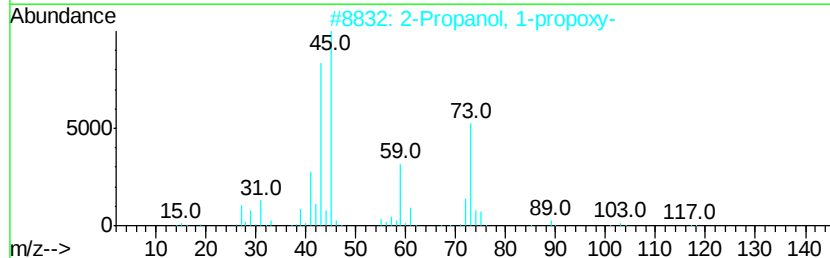
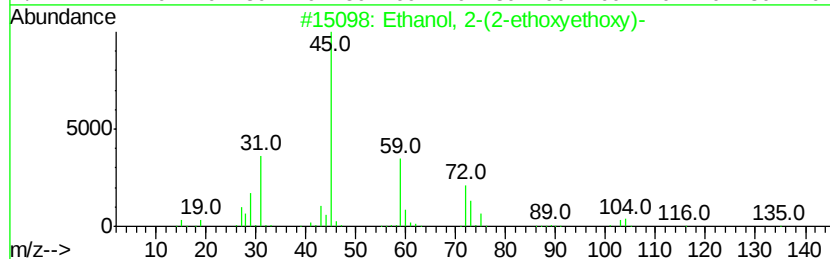
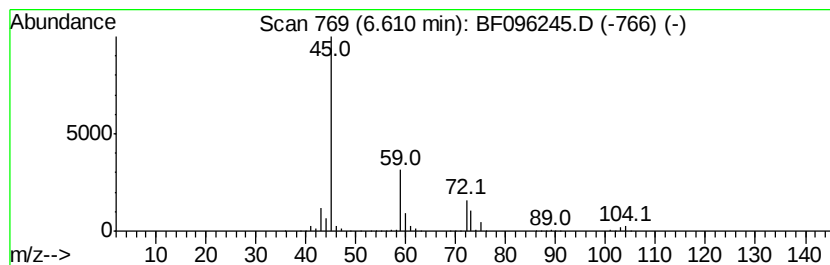
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	17.86 ng	973869	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53
2		2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39
3		Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	36
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	36
5		Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	33



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

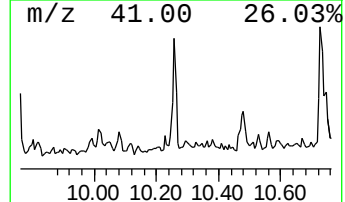
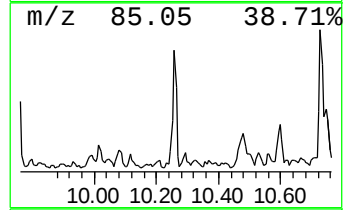
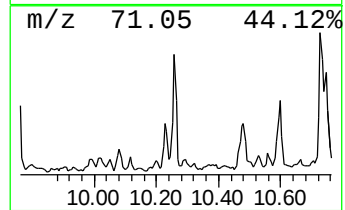
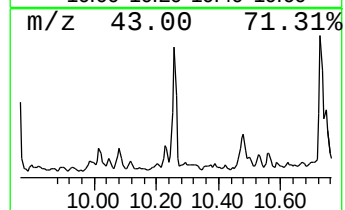
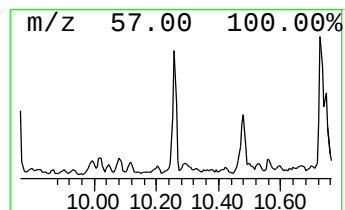
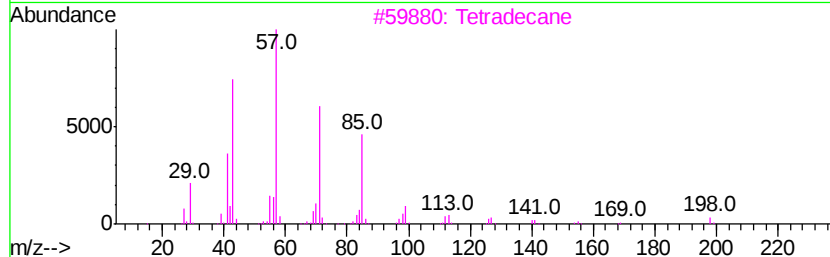
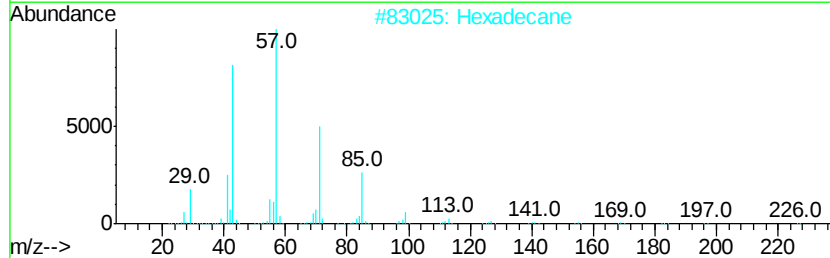
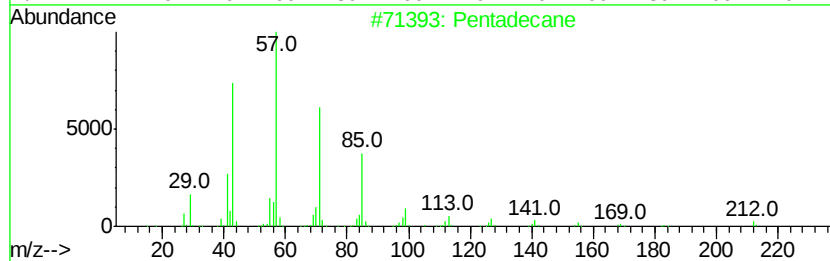
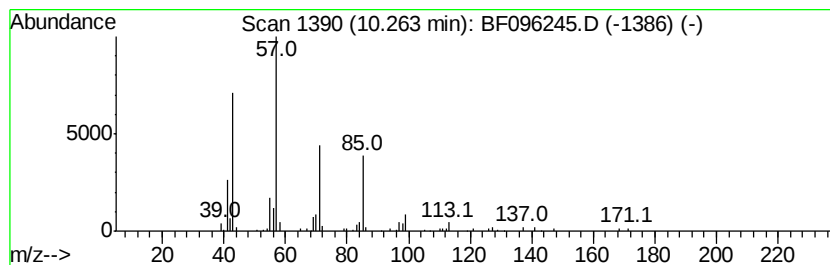
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.13 ng	162050	Acenaphthene-d10	9.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Hexadecane		226	C16H34	000544-76-3	87
3	Tetradecane		198	C14H30	000629-59-4	86
4	Eicosane		282	C20H42	000112-95-8	86
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

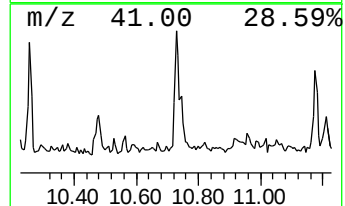
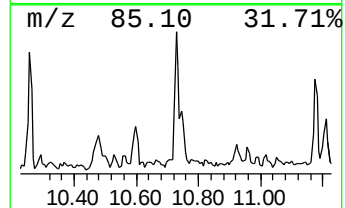
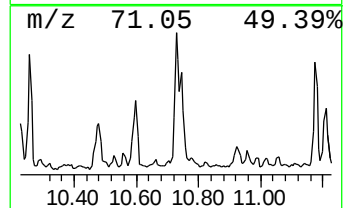
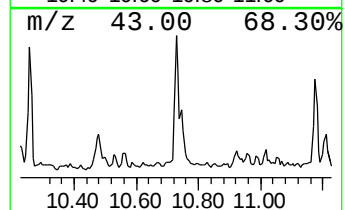
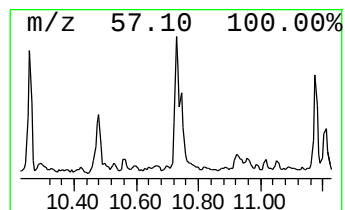
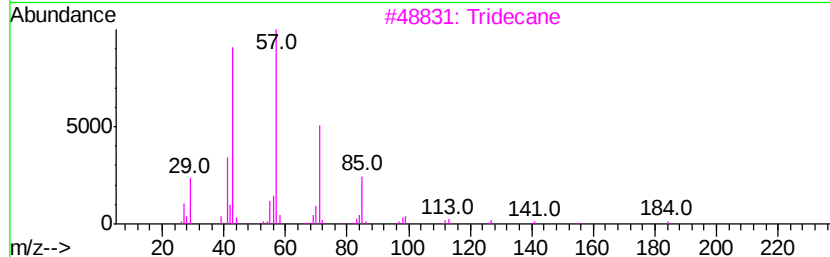
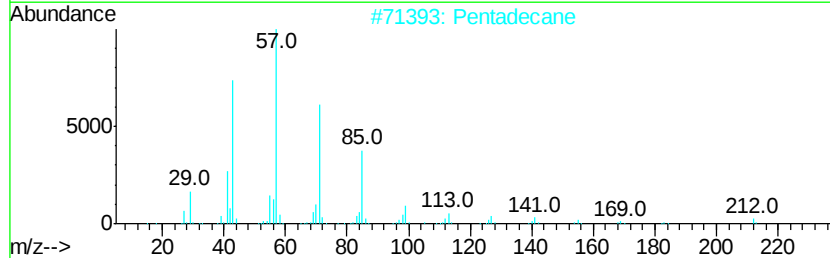
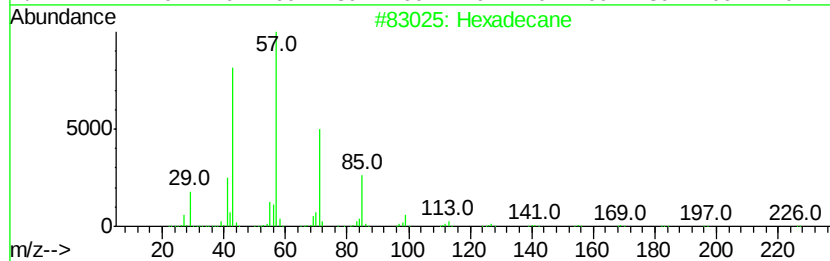
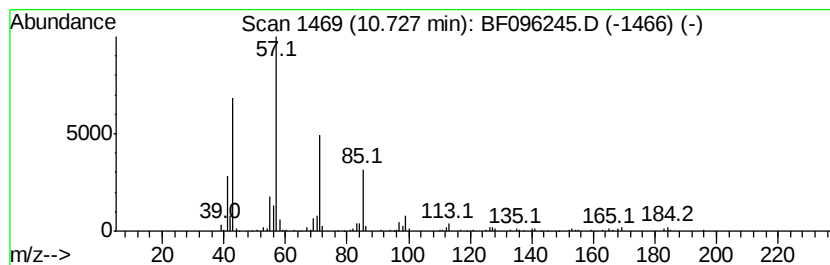
Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	5.03 ng	327685	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	81
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

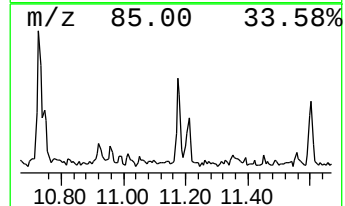
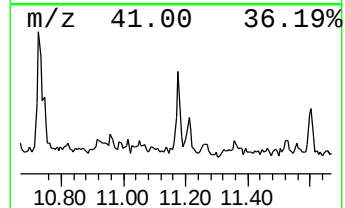
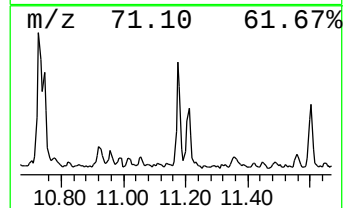
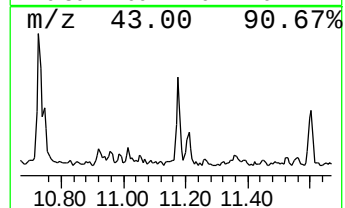
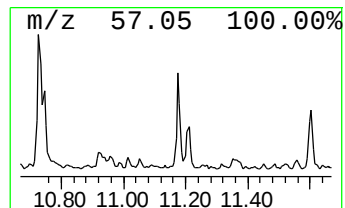
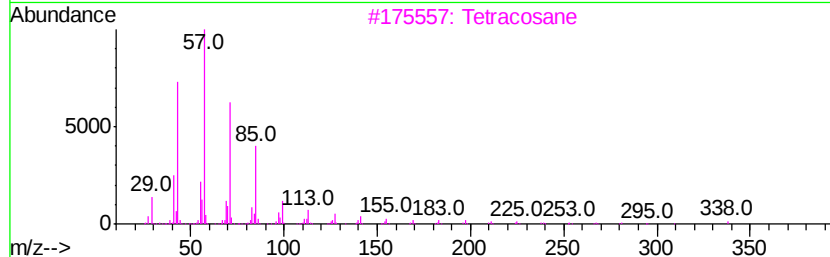
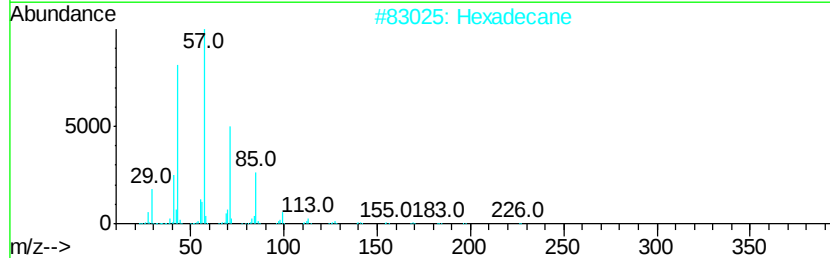
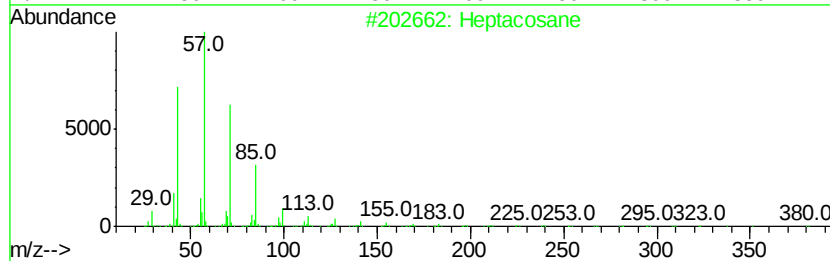
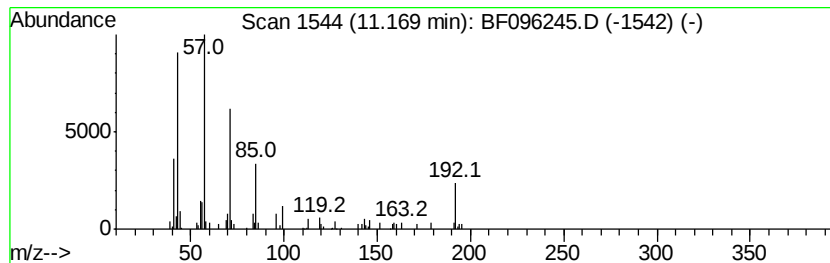
Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.17	2.26 ng	147426	Phenanthrene-d10	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	83
2		Hexadecane	226	C16H34	000544-76-3	78
3		Tetracosane	338	C24H50	000646-31-1	78
4		Pentadecane	212	C15H32	000629-62-9	72
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

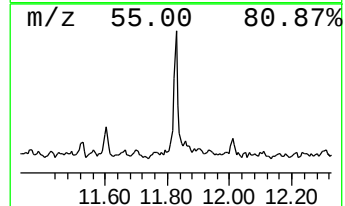
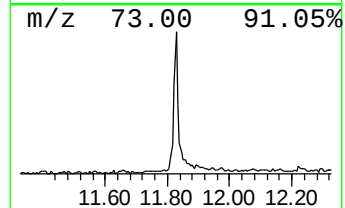
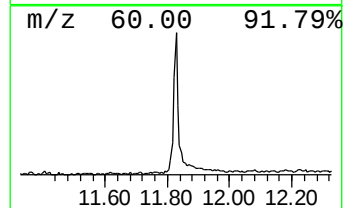
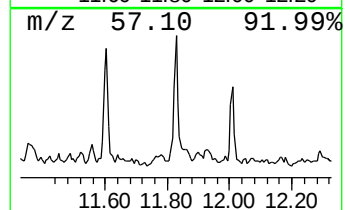
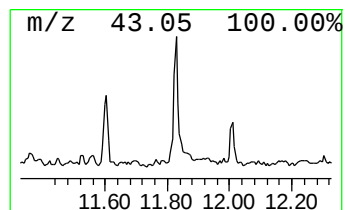
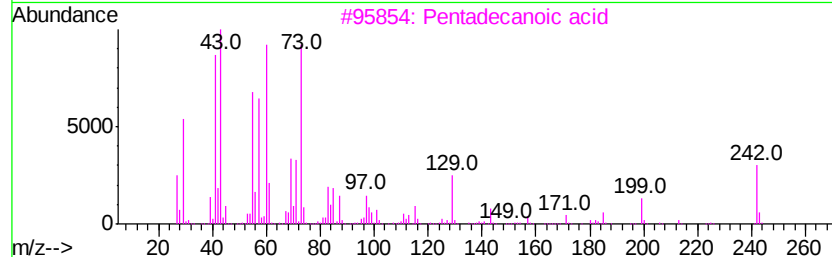
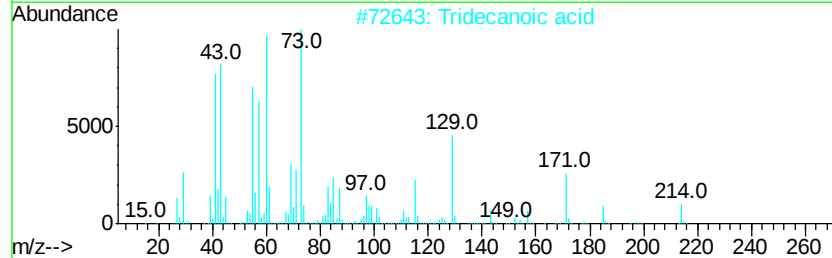
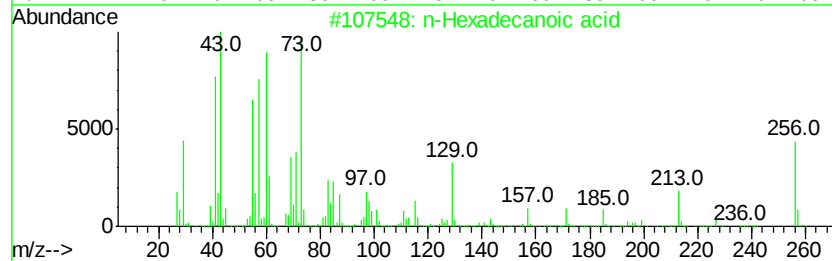
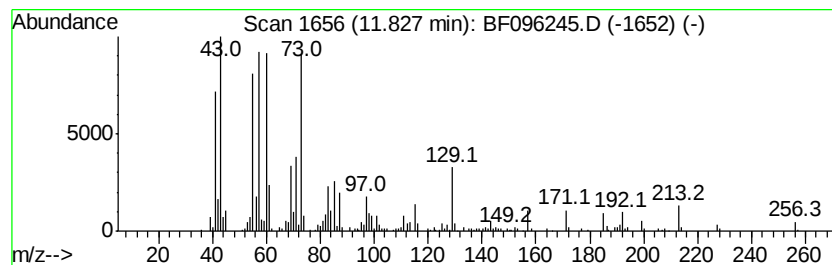
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.56 ng	362110	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

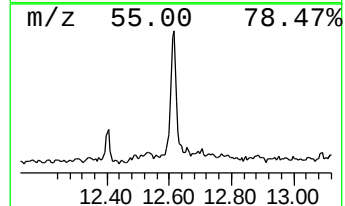
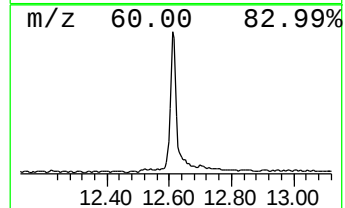
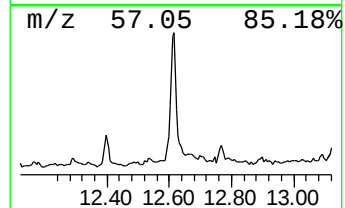
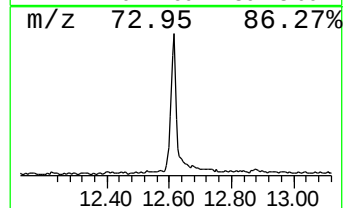
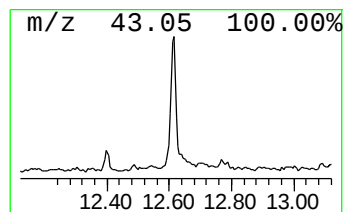
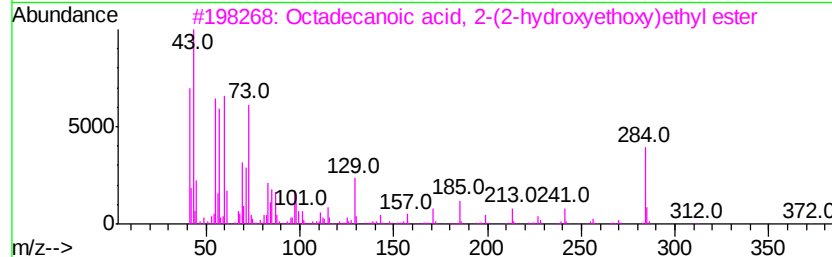
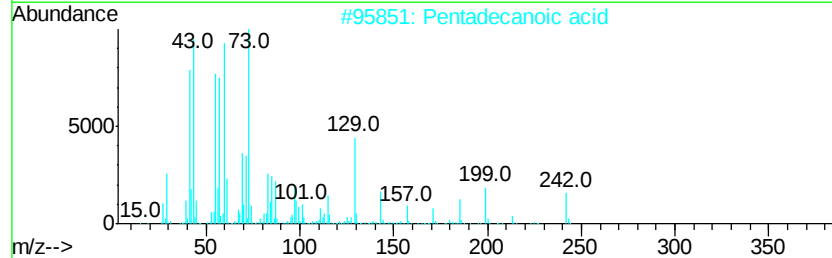
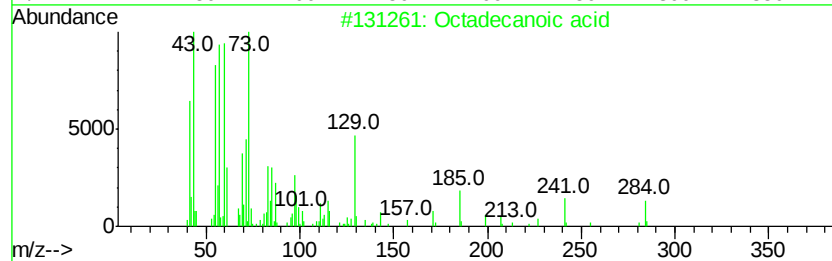
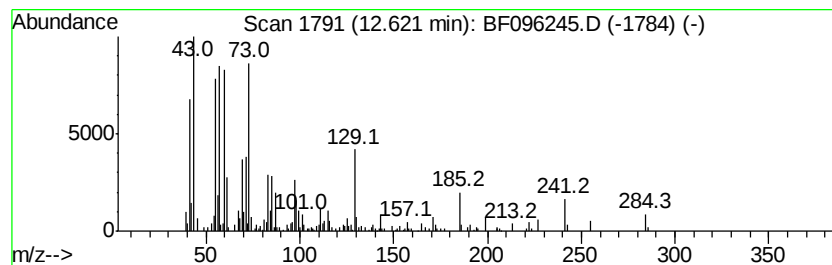
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	16.04 ng	849371	Chrysene-d12	13.92

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	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

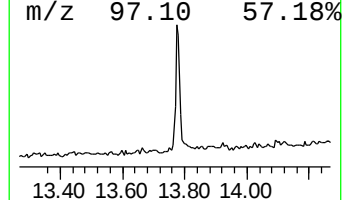
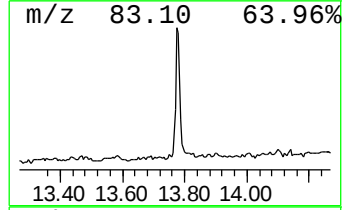
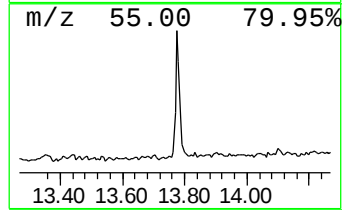
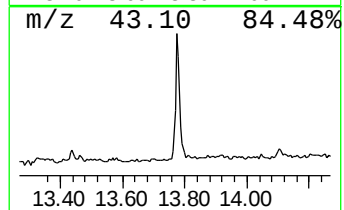
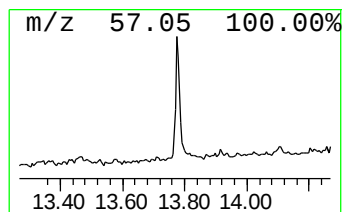
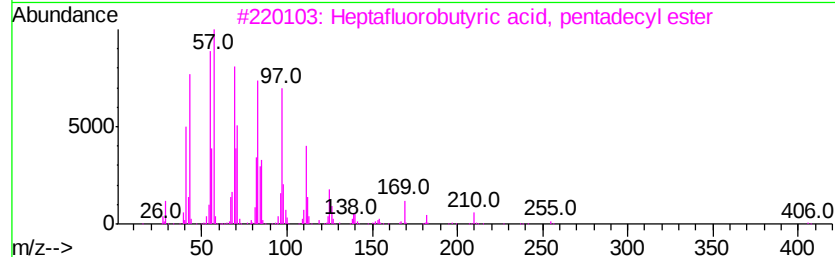
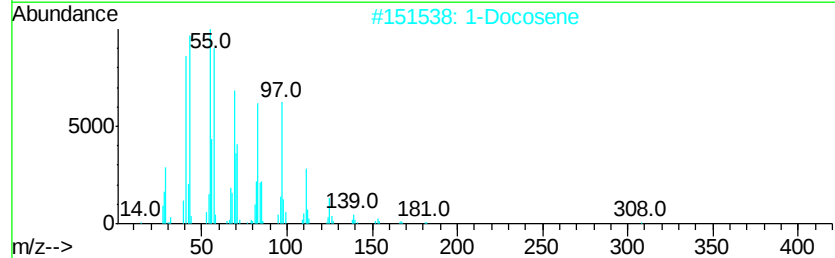
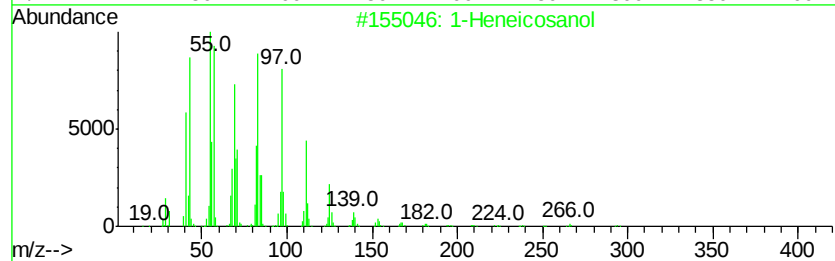
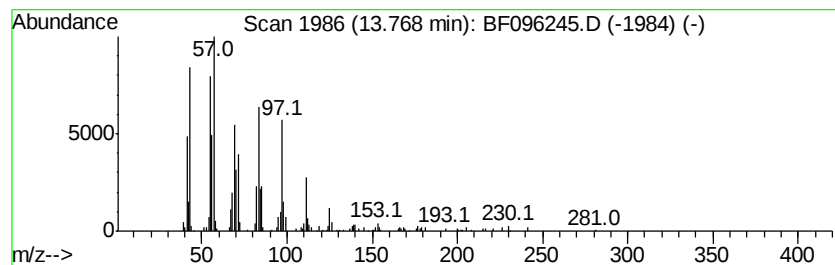
Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.77	9.14 ng	483833	Chrysene-d12	13.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1	1-Docosene	308	C22H44	001599-67-3	94
3	1	Heptafluorobutyric acid, pentadecanoic acid, 1,1,1,3,3,3-hexafluoro-4-oxo-4-(pentafluorophenyl)butanoic acid	424	C19H31F7O2	959261-23-5	91
4	1	Pentafluoropropionic acid, hexadecanoic acid, 1,1,1,3,3,3-hexafluoro-4-oxo-4-(pentafluorophenyl)butanoic acid	388	C19H33F5O2	006222-07-7	91
5	1	1-Hexadecanol	242	C16H34O	036653-82-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

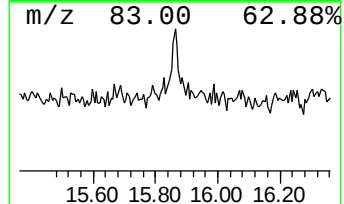
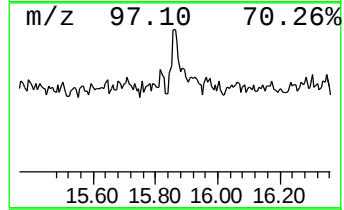
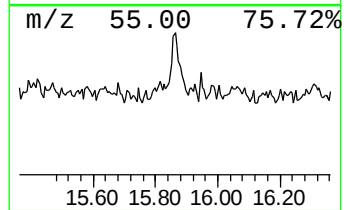
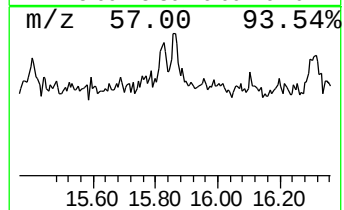
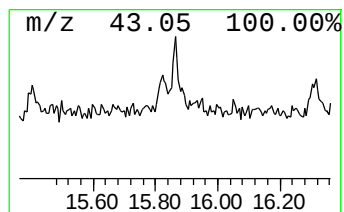
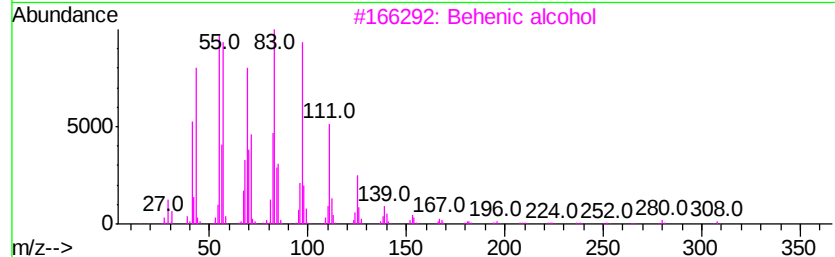
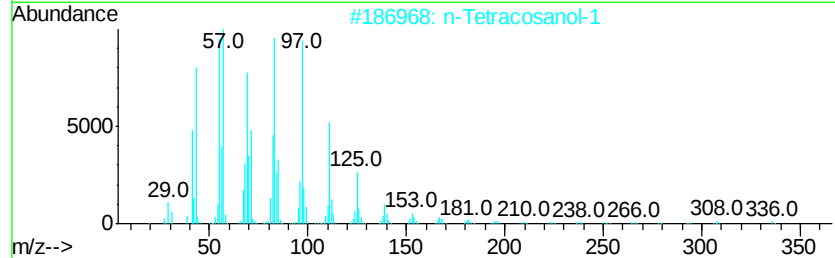
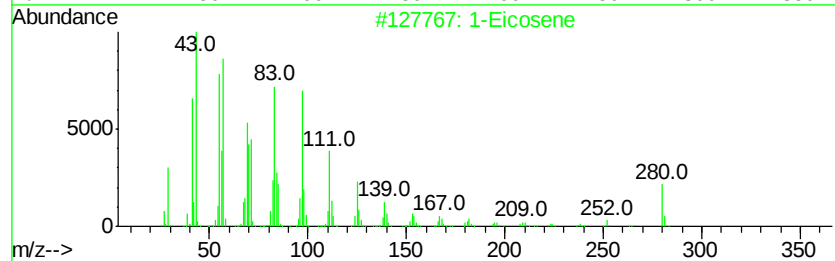
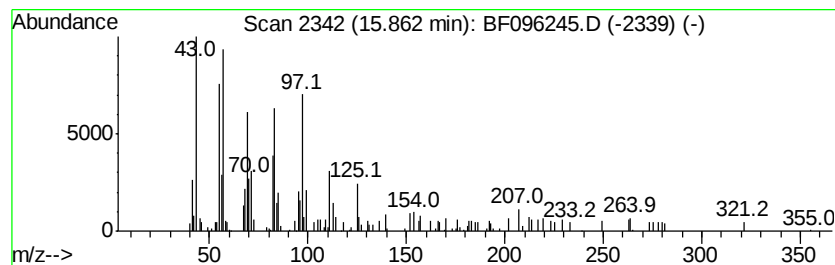
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Eicosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.41 ng	118111	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	78
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	62
3		Behenic alcohol	326	C22H46O	000661-19-8	62
4		1-Heneicosanol	312	C21H44O	015594-90-8	58
5		1-Octadecanol	270	C18H38O	000112-92-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
Data File : BF096245.D
Acq On : 28 Jun 2017 13:14
Operator : SJ/MA
Sample : I3893-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC062317-1SE

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.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...	4.99	20.8	ng	1131470	1	6.78	1090480	20.0
unknown6.55	6.55	85.5	ng	4664520	1	6.78	1090480	20.0
Ethanol, 2-(2-eth...	6.61	17.9	ng	973869	1	6.78	1090480	20.0
Pentadecane	10.26	2.1	ng	162050	3	9.82	1518700	20.0
Hexadecane	10.73	5.0	ng	327685	4	11.29	1302580	20.0
Heptacosane	11.17	2.3	ng	147426	4	11.29	1302580	20.0
n-Hexadecanoic acid	11.83	5.6	ng	362110	4	11.29	1302580	20.0
Octadecanoic acid	12.62	16.0	ng	849371	5	13.92	1059250	20.0
1-Heneicosanol	13.77	9.1	ng	483833	5	13.92	1059250	20.0
1-Eicosene	15.86	2.4	ng	118111	6	15.35	978691	20.0