

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101711.D
 Acq On : 26 Dec 2017 13:18
 Operator : SJ/JU
 Sample : I6683-07 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

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-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	494	497	506	rBV	54865	112857	2.91%	0.401%
2	5.404	561	564	592	rBV	1056600	1789123	46.10%	6.357%
3	6.428	735	738	757	rBV	1180758	1846276	47.58%	6.560%
4	6.557	757	760	766	rVV	1753826	1809521	46.63%	6.430%
5	6.604	766	768	775	rVB	62330	75607	1.95%	0.269%
6	6.787	796	799	806	rBV	905926	904507	23.31%	3.214%
7	6.940	822	825	837	rBV	1315725	1365583	35.19%	4.852%
8	7.110	851	854	860	rBV	37791	43718	1.13%	0.155%
9	7.357	893	896	913	rBV	821966	1126826	29.04%	4.004%
10	7.581	932	934	941	rVB2	42274	49653	1.28%	0.176%
11	7.804	967	972	975	rBV3	54657	74677	1.92%	0.265%
12	8.039	1006	1012	1014	rBV	39659	46866	1.21%	0.167%
13	8.069	1014	1017	1028	rVV	1172201	1170959	30.17%	4.161%
14	9.139	1196	1199	1207	rBV	1866797	1695059	43.68%	6.023%
15	9.210	1207	1211	1214	rVB	154822	145414	3.75%	0.517%
16	9.516	1261	1263	1266	rBV3	67491	93125	2.40%	0.331%
17	9.545	1266	1268	1274	rVB	153945	158086	4.07%	0.562%
18	9.739	1299	1301	1304	rVB	167045	122032	3.14%	0.434%
19	9.822	1312	1315	1324	rVB2	1172019	1079866	27.83%	3.837%
20	10.233	1383	1385	1388	rVB	154005	129899	3.35%	0.462%
21	10.451	1418	1422	1425	rBV	54880	69946	1.80%	0.249%
22	10.616	1447	1450	1463	rBV	655939	877561	22.61%	3.118%
23	10.710	1463	1466	1470	rVV	158030	169165	4.36%	0.601%
24	11.157	1539	1542	1544	rBV	107091	86066	2.22%	0.306%
25	11.316	1565	1569	1577	rBV	1019793	1053827	27.16%	3.744%
26	11.580	1611	1614	1617	rBV	81053	64061	1.65%	0.228%
27	11.686	1629	1632	1636	rVB	1638600	1256090	32.37%	4.463%
28	11.827	1653	1656	1660	rBV3	122101	141774	3.65%	0.504%
29	11.986	1681	1683	1686	rBV	64459	58600	1.51%	0.208%
30	12.374	1745	1749	1751	rBV	3528094	3880700	100.00%	13.789%
31	12.398	1751	1753	1760	rVV2	2860815	2625539	67.66%	9.329%
32	12.480	1763	1767	1771	rVB	576668	522427	13.46%	1.856%
33	12.539	1774	1777	1784	rVV	136055	164655	4.24%	0.585%
34	12.616	1787	1790	1795	rBV3	69380	114625	2.95%	0.407%

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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

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35	12.751	1810	1813	1814	rBV	81941	79152	2.04%	0.281%
36	12.769	1814	1816	1821	rVB	158156	159633	4.11%	0.567%
37	12.892	1834	1837	1841	rBV	1291473	1117645	28.80%	3.971%
38	13.104	1871	1873	1875	rBV2	62331	58387	1.50%	0.207%
39	13.780	1985	1988	1992	rBV3	189666	268421	6.92%	0.954%
40	13.816	1992	1994	1997	rVB	140452	113523	2.93%	0.403%
41	13.968	2016	2020	2023	rBV	789498	823319	21.22%	2.925%
42	15.439	2267	2270	2276	rVB	475118	598948	15.43%	2.128%

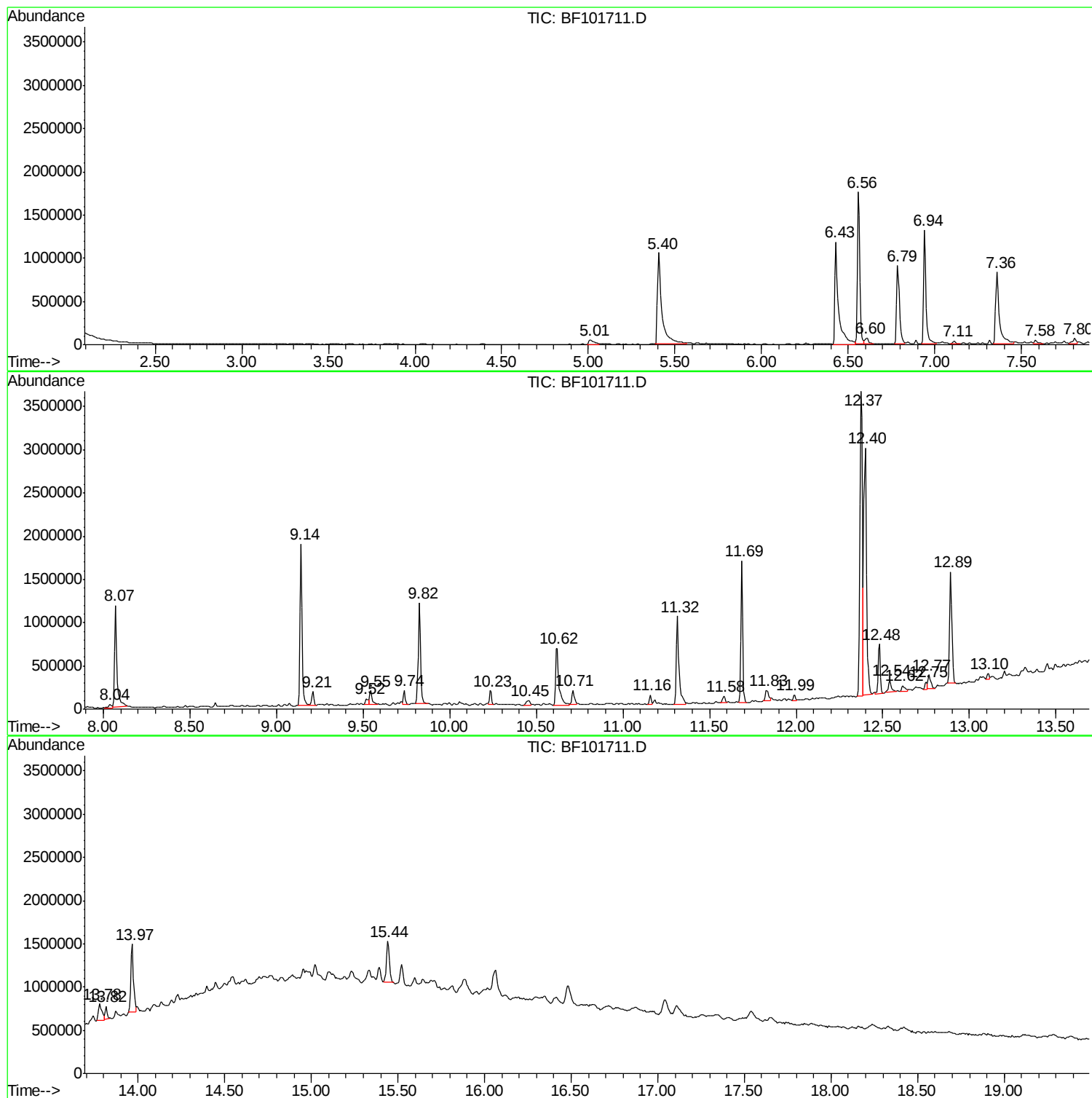
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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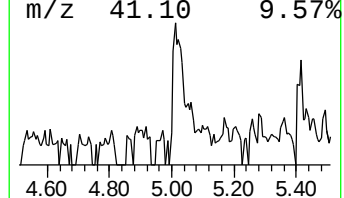
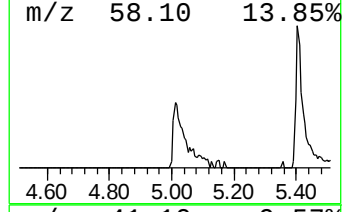
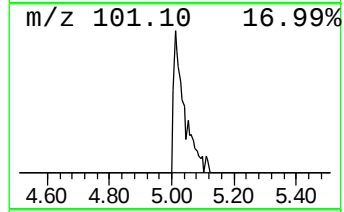
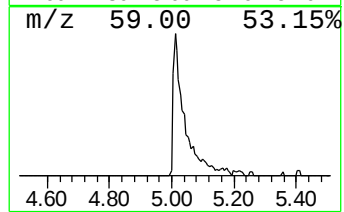
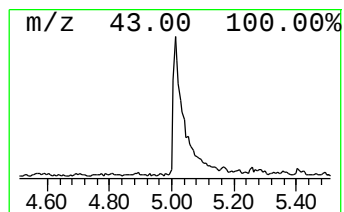
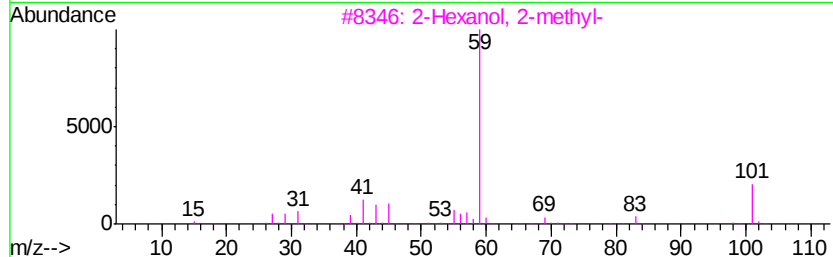
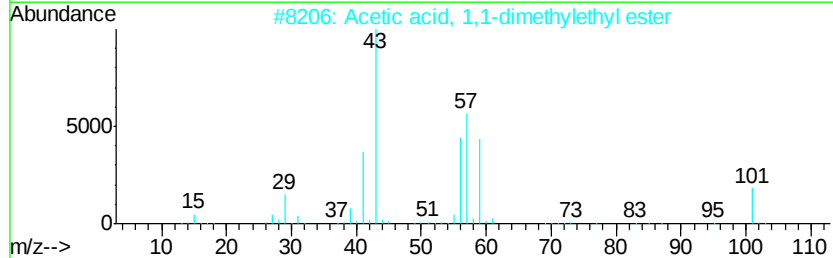
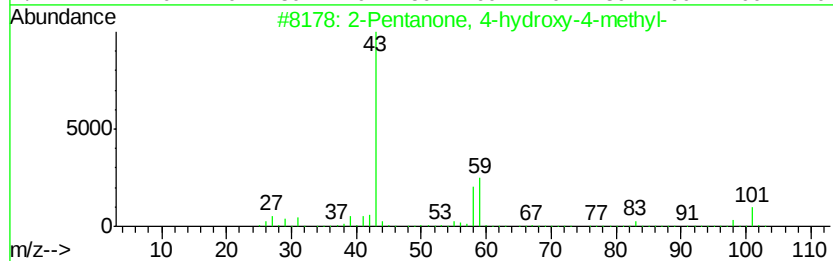
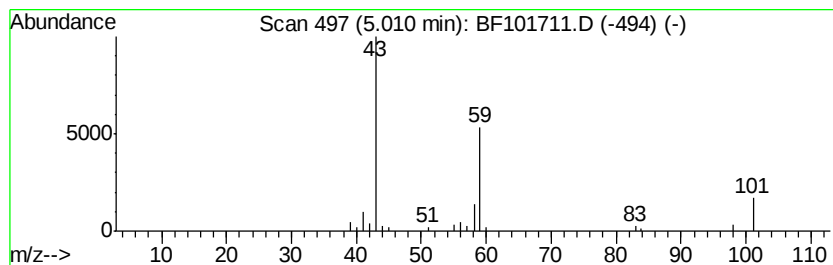
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.50 ng	112857	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5		Diacetamide	101	C4H7NO2	000625-77-4	9



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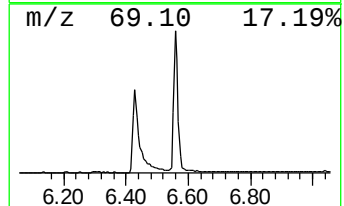
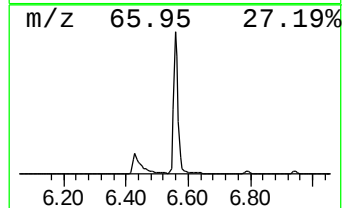
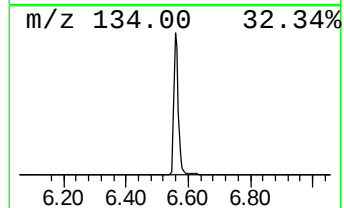
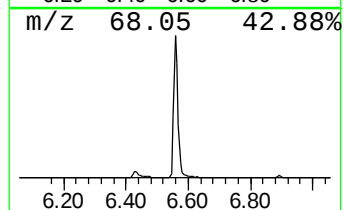
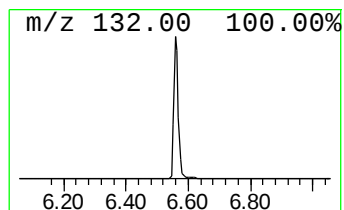
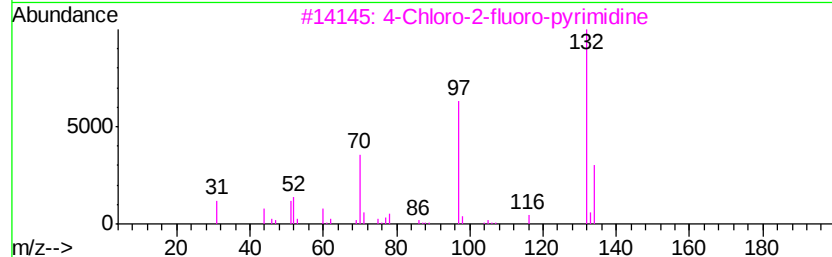
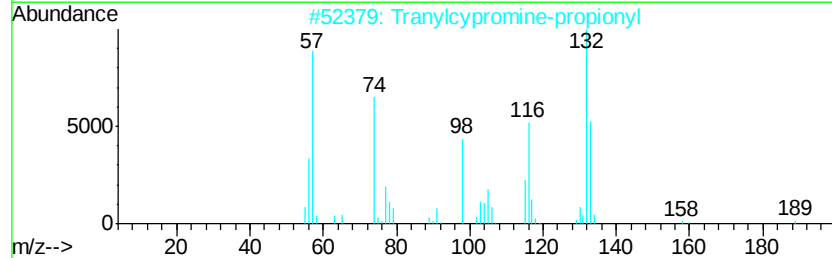
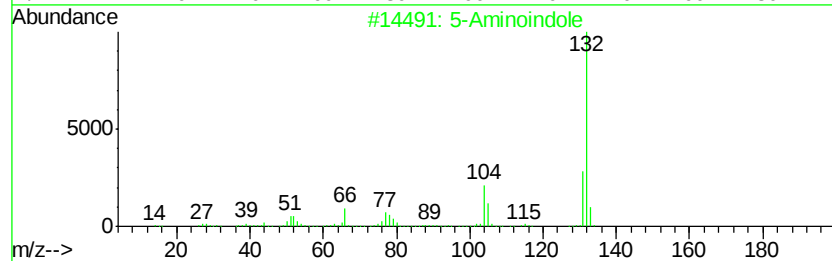
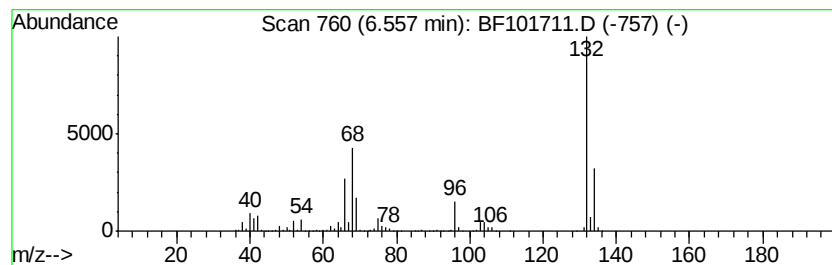
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Peak Number 2 unknown6.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	40.01 ng	1809520	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	12
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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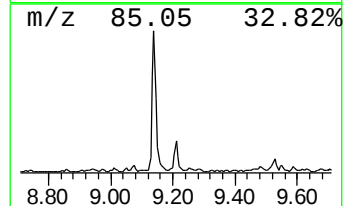
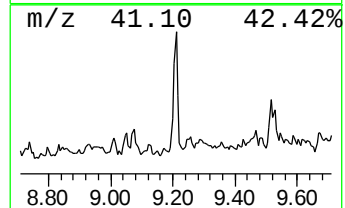
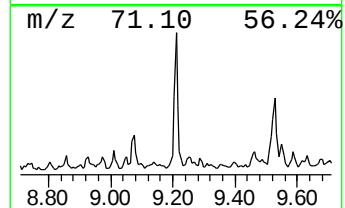
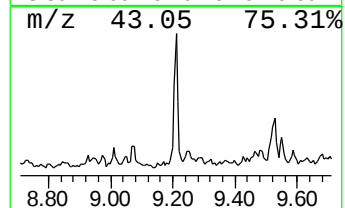
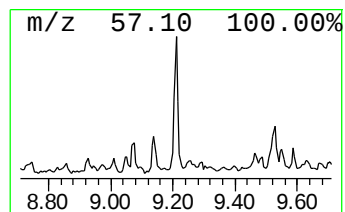
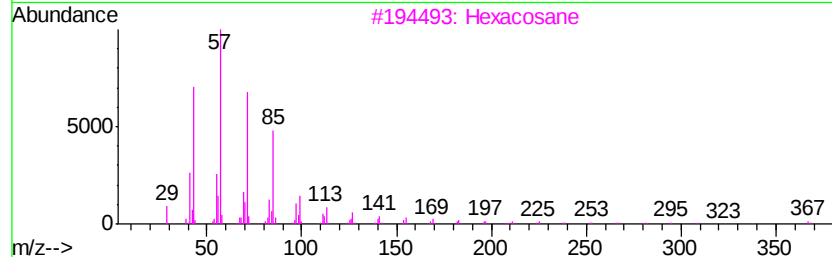
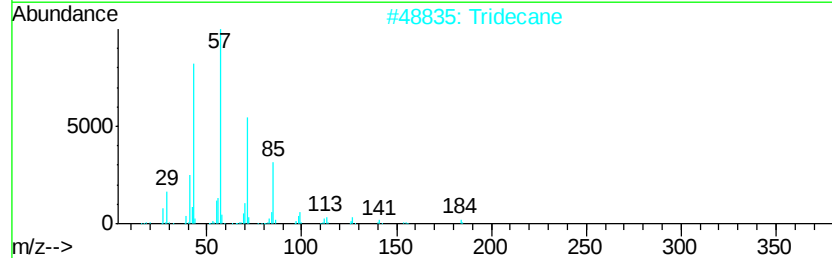
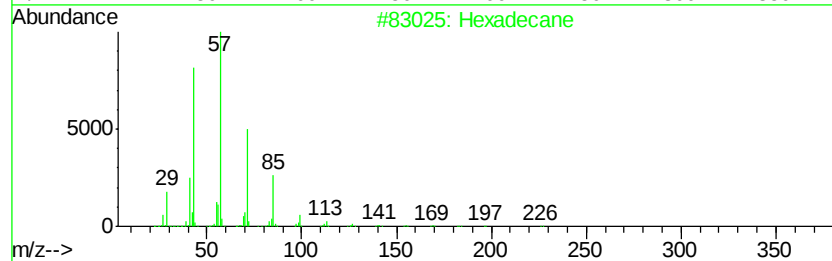
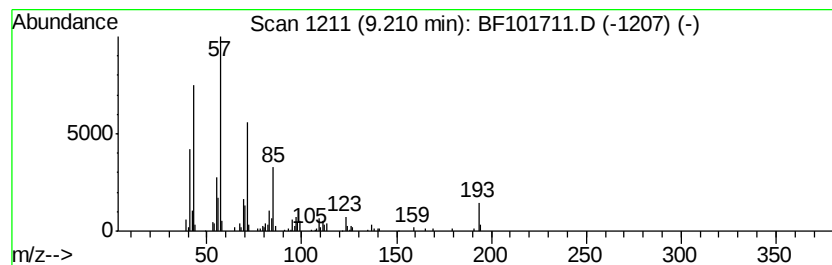
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.69 ng	145414	Acenaphthene-d10	9.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	64
2	Tridecane		184	C13H28	000629-50-5	64
3	Hexacosane		366	C26H54	000630-01-3	64
4	Nonadecane		268	C19H40	000629-92-5	64
5	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	64



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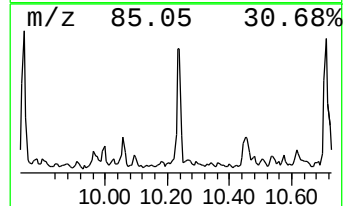
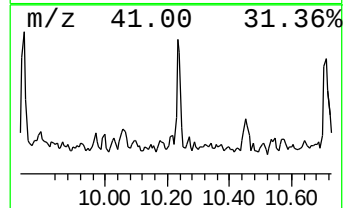
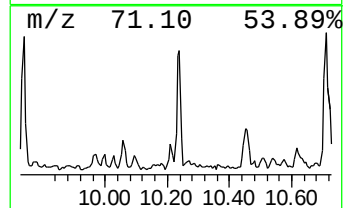
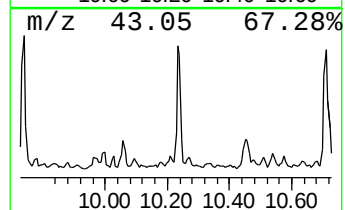
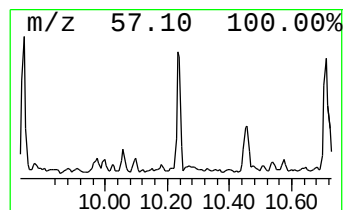
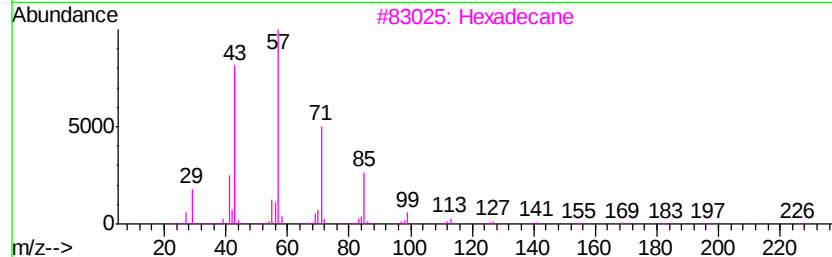
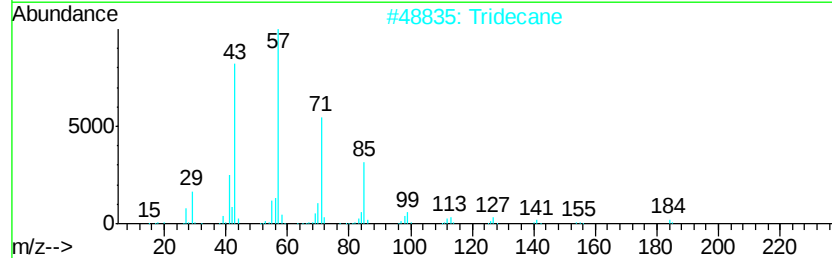
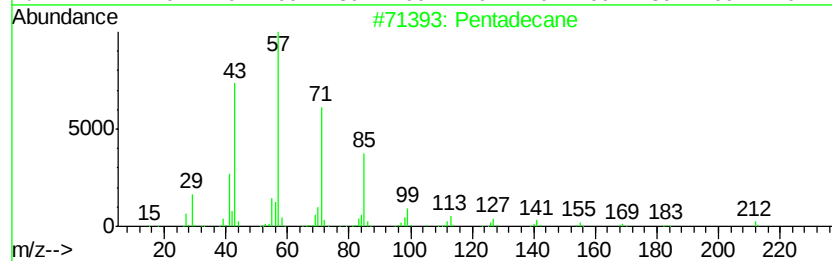
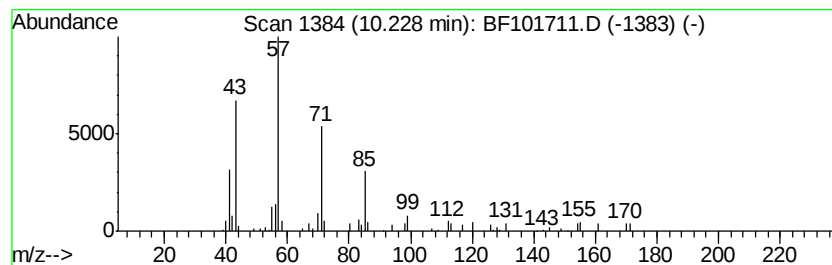
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.41 ng	129899	Acenaphthene-d10	9.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Tridecane		184	C13H28	000629-50-5	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Dodecane		170	C12H26	000112-40-3	87
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80



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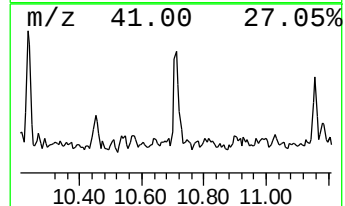
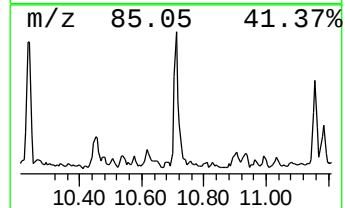
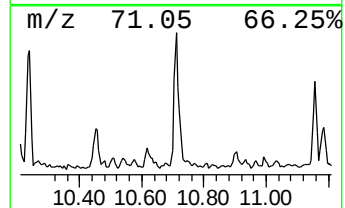
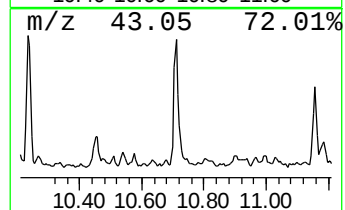
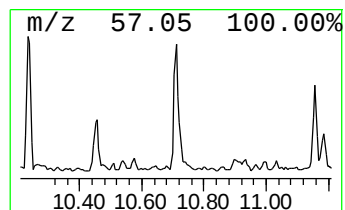
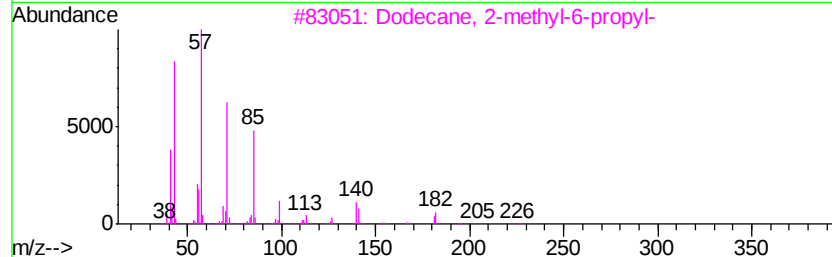
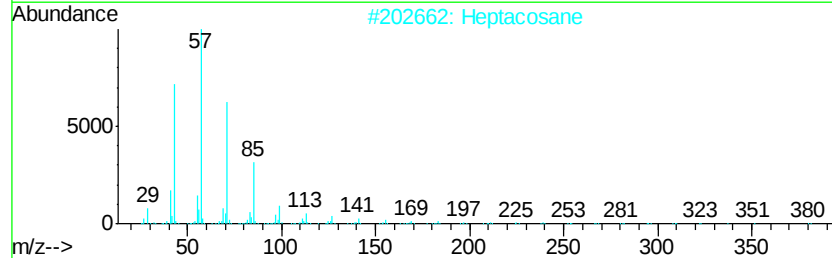
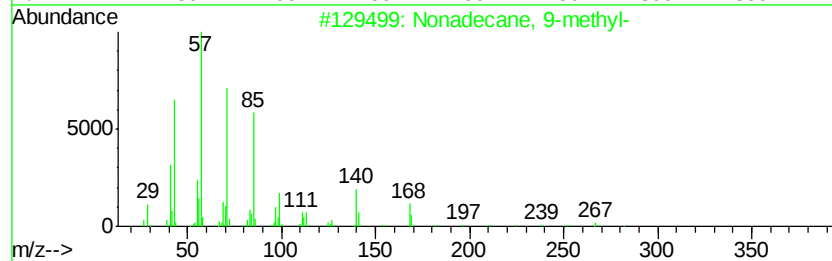
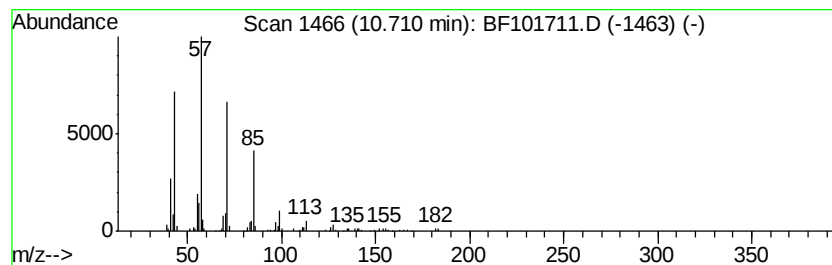
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.21 ng	169165	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101711.D
Acq On : 26 Dec 2017 13:18
Operator : SJ/JU
Sample : I6683-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-122017-A

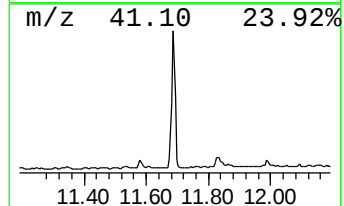
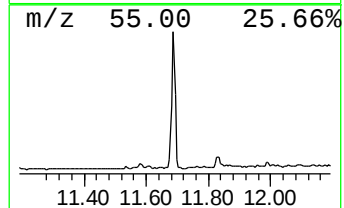
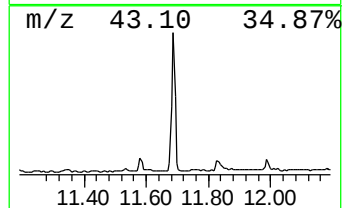
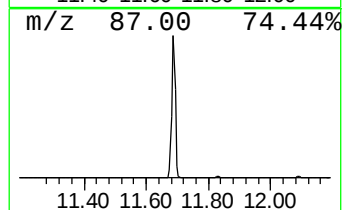
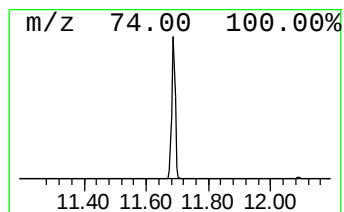
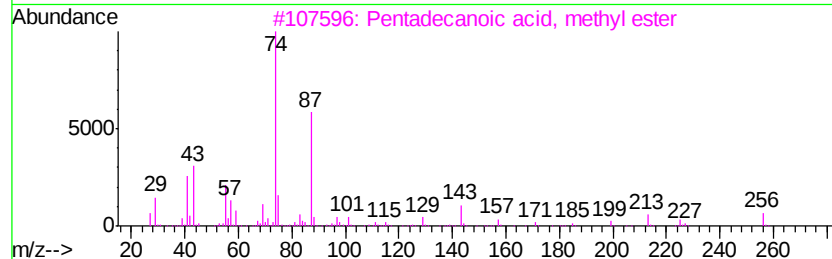
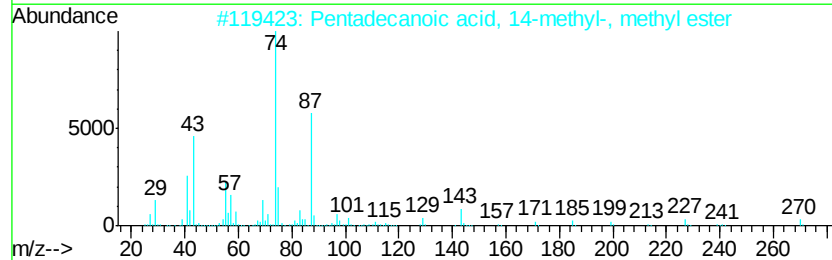
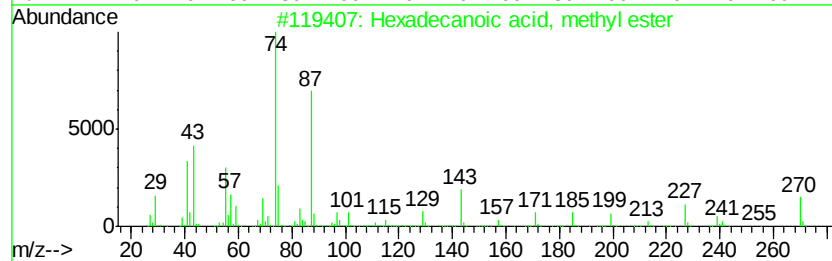
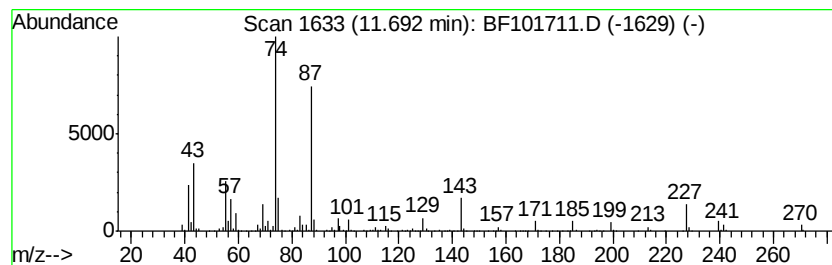
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	23.84 ng	1256090	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101711.D
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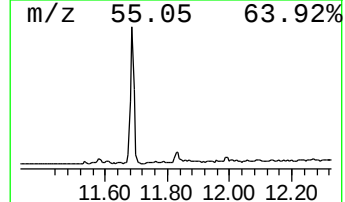
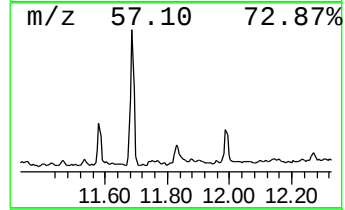
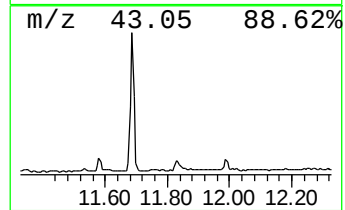
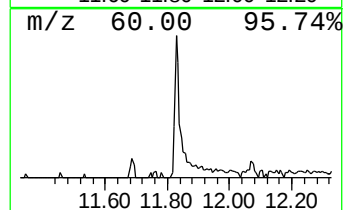
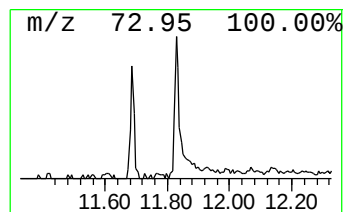
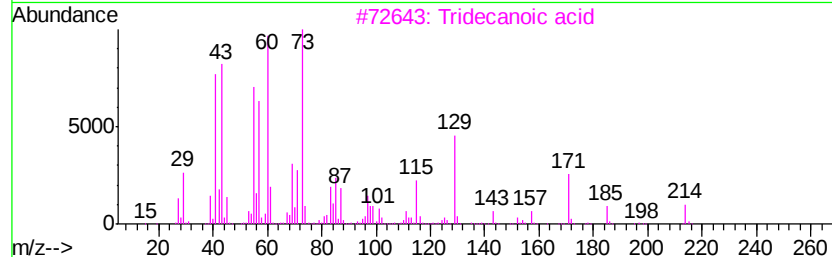
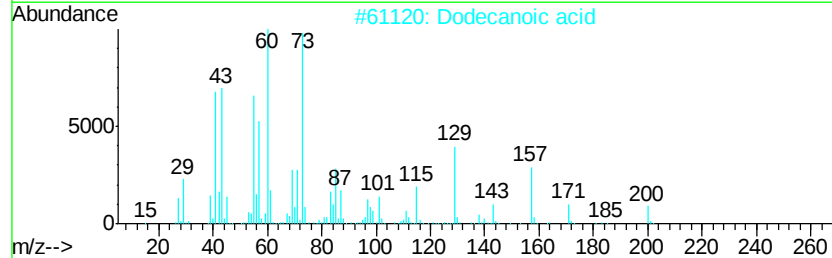
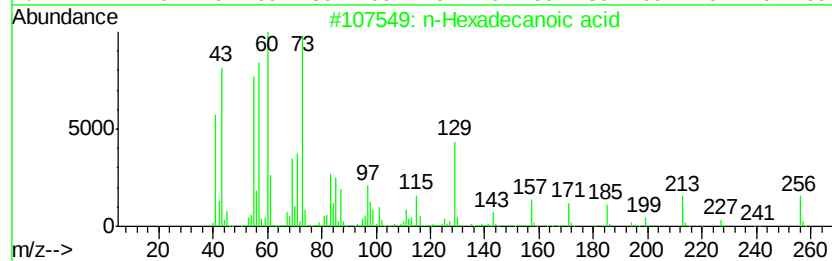
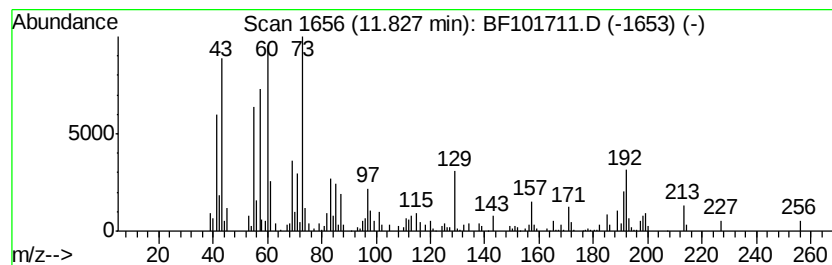
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.83	2.69 ng	141774	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101711.D
Acq On : 26 Dec 2017 13:18
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Sample : I6683-07 2X
Misc :
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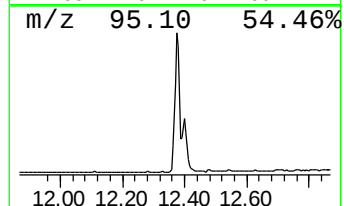
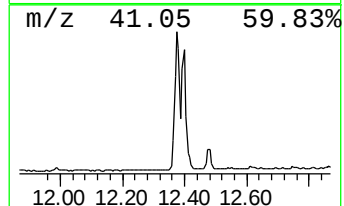
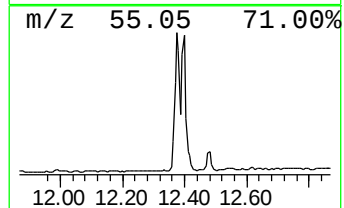
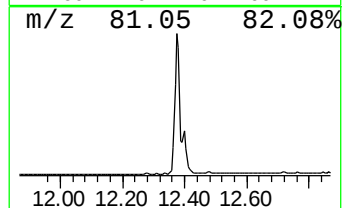
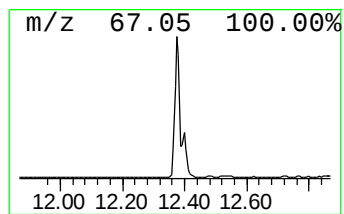
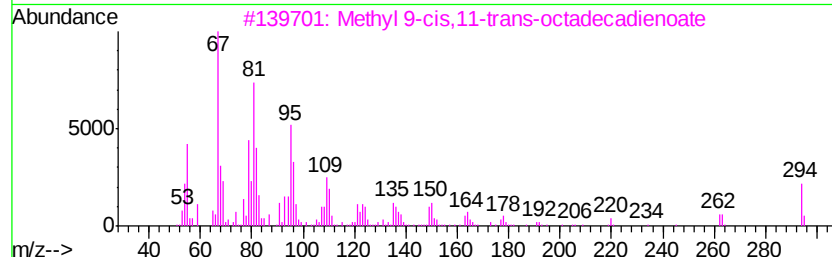
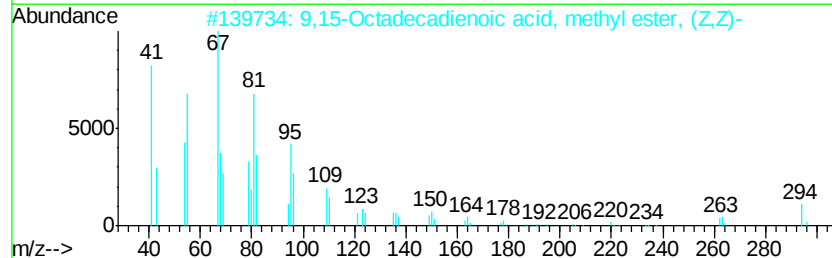
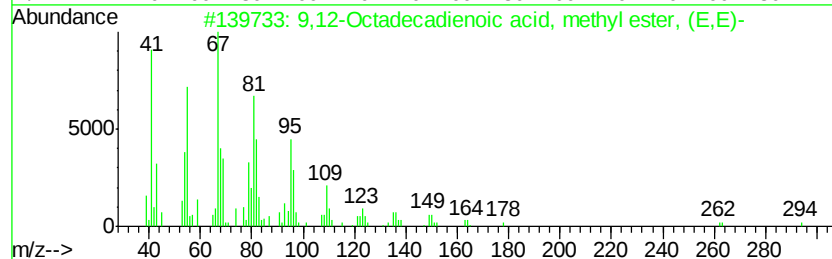
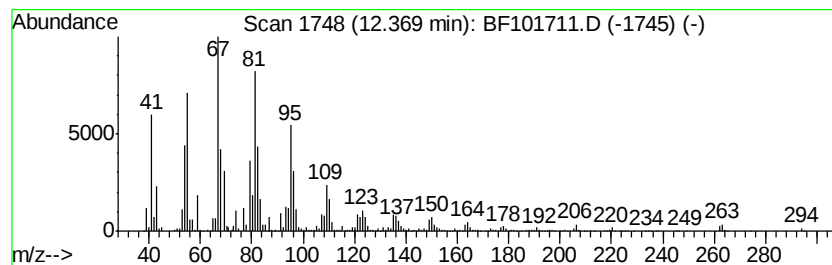
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	73.65 ng	3880700	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101711.D
Acq On : 26 Dec 2017 13:18
Operator : SJ/JU
Sample : I6683-07 2X
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Instrument :
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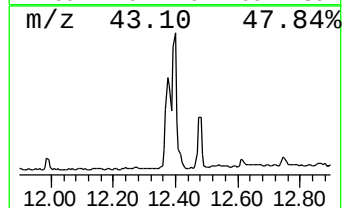
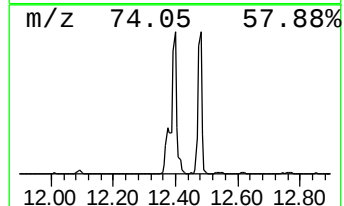
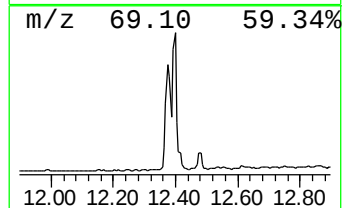
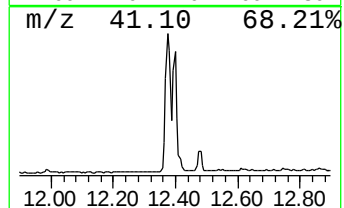
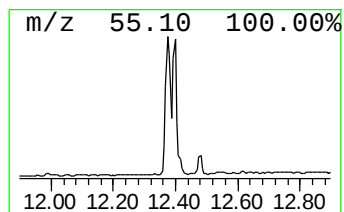
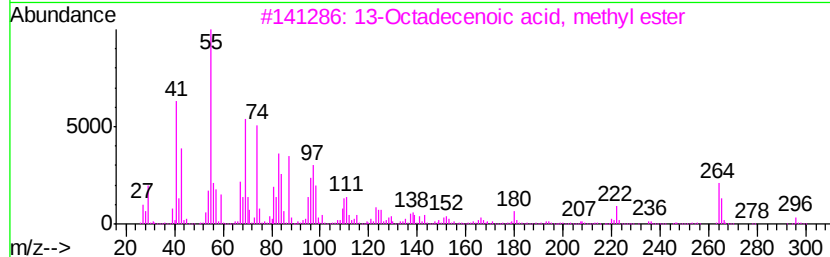
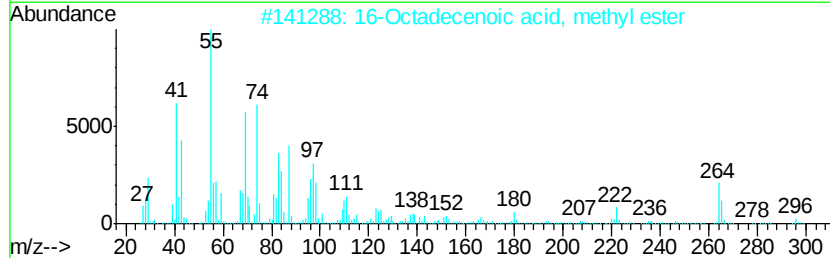
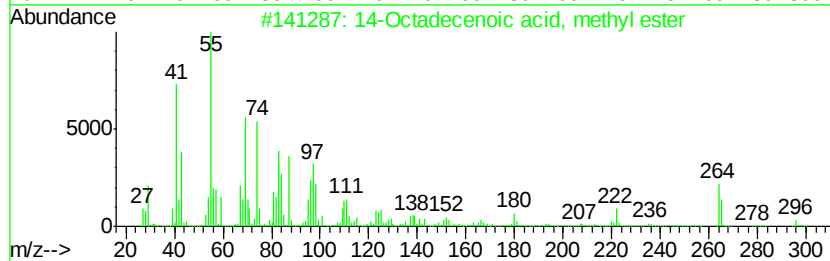
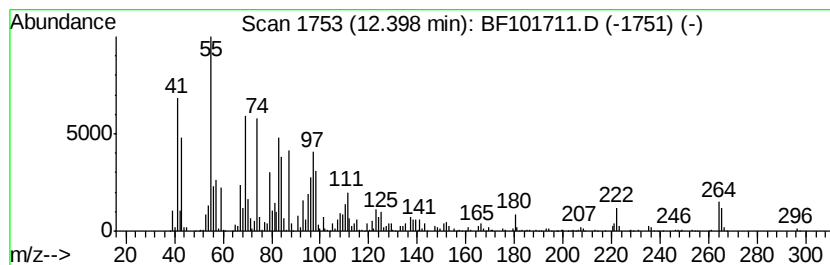
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 14-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	49.83 ng	2625540	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
4			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
5			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Sample : I6683-07 2X
Misc :
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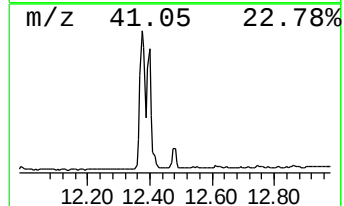
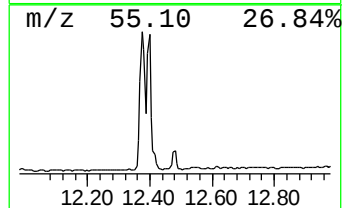
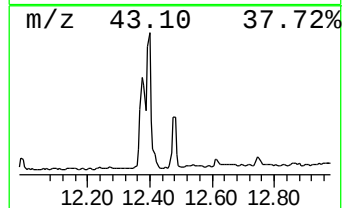
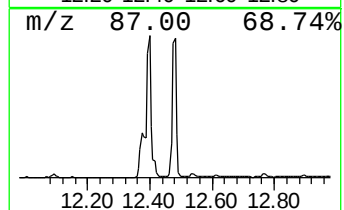
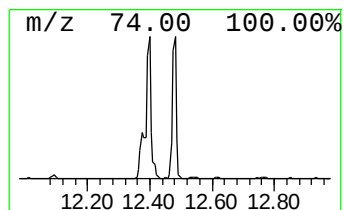
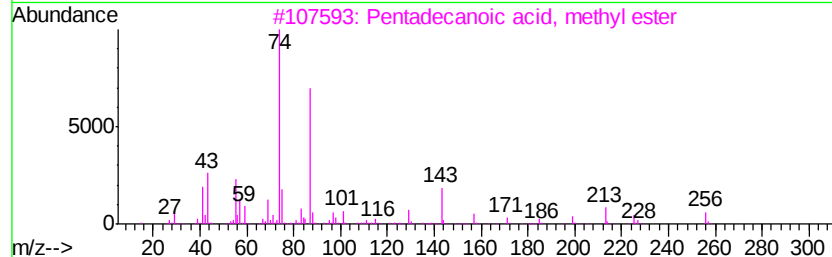
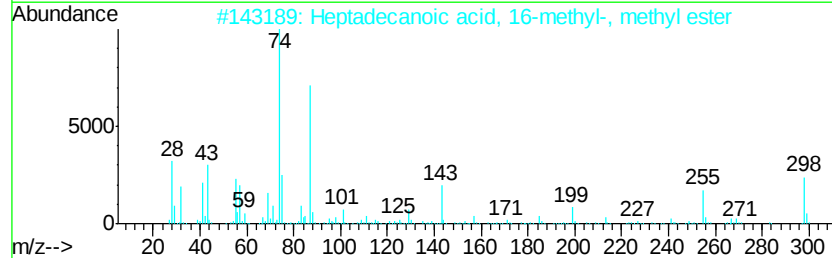
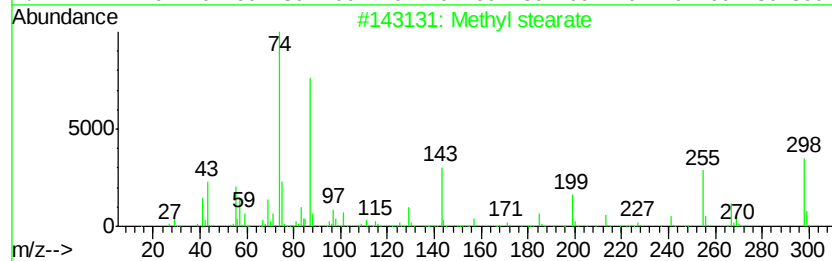
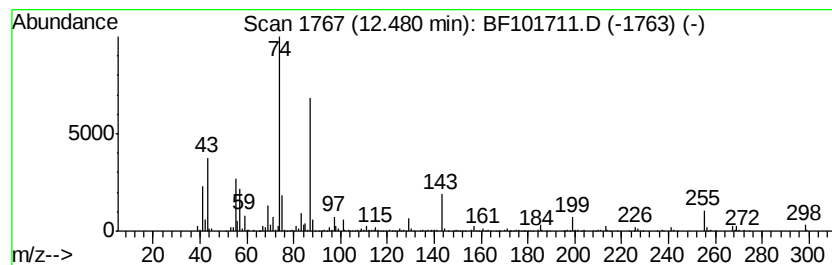
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	9.91 ng	522427	Phenanthrene-d10	11.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 94
3		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 93
4		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 87
5		Tridecanoic acid, 12-methyl-, me...	242 C15H30O2	005129-58-8 87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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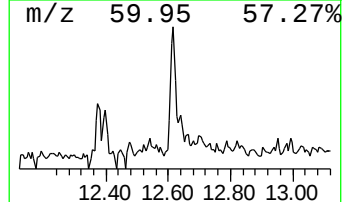
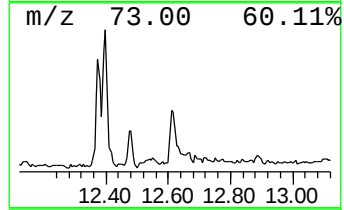
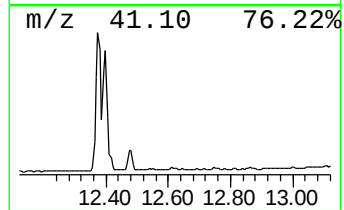
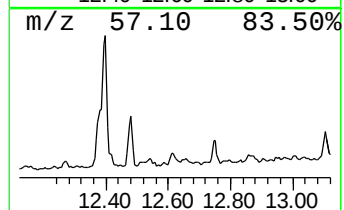
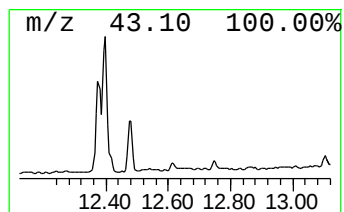
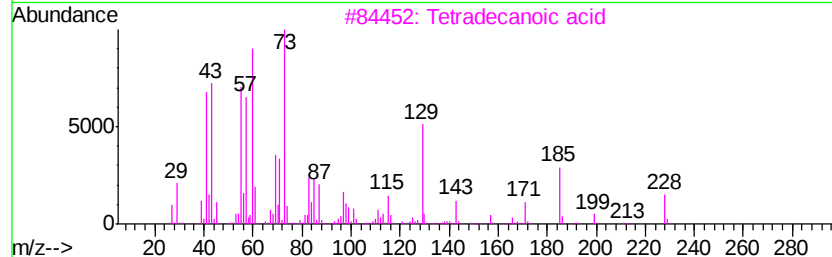
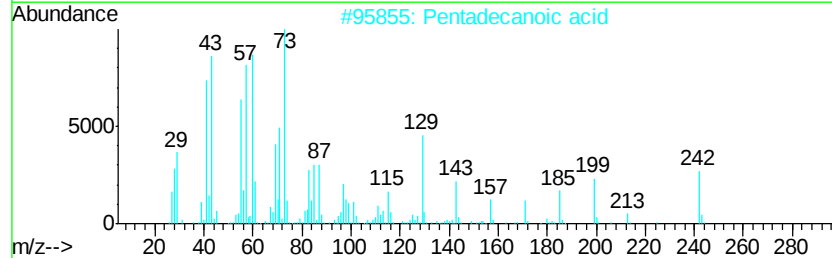
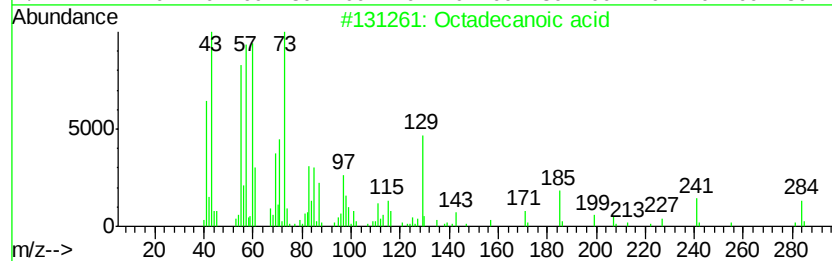
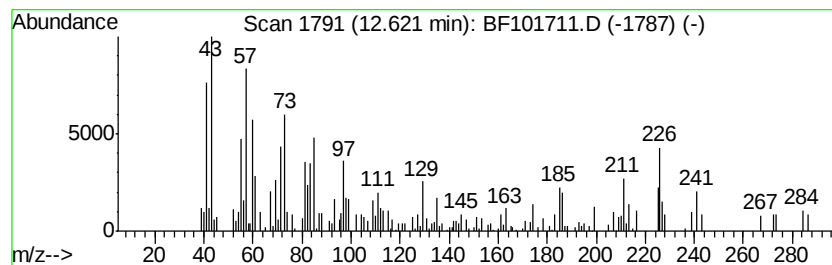
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.62	2.18 ng	114625	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
4	Maltose	342	C12H22O11	000069-79-4	43
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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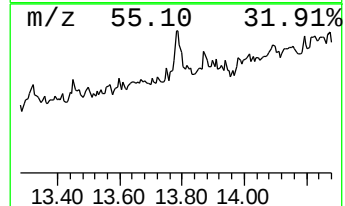
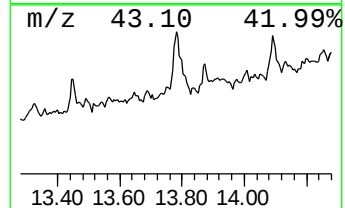
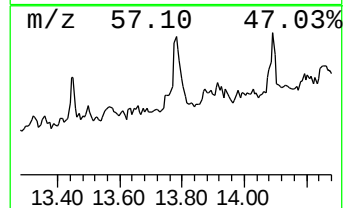
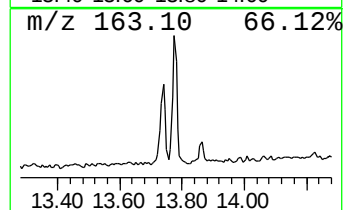
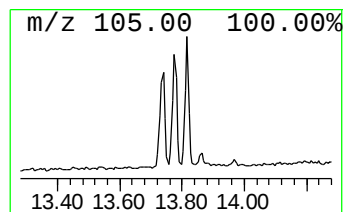
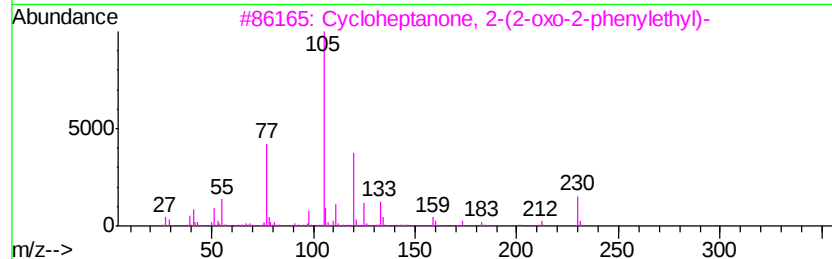
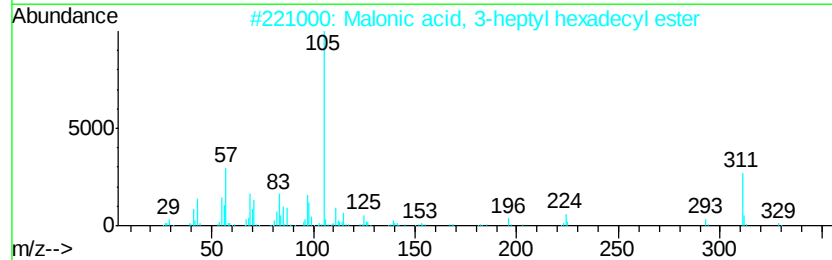
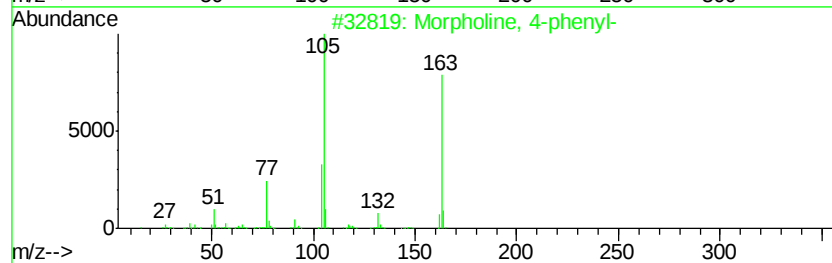
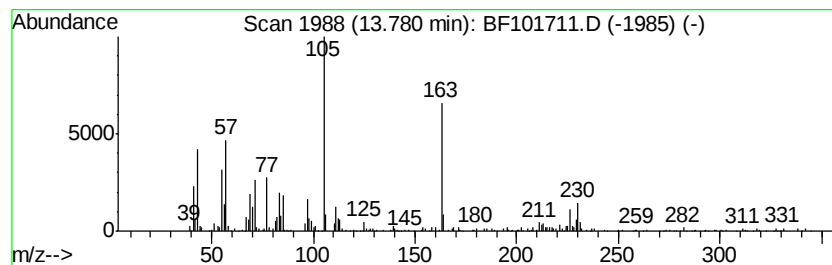
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	6.52 ng	268421	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	35
2		Malonic acid, 3-heptyl hexadecyl...	426	C26H50O4	1000349-16-1	25
3		Cycloheptanone, 2-(2-oxo-2-pheny...	230	C15H18O2	054669-79-3	18
4		Benzoic acid, 2,3-dimethylphenyl...	226	C15H14O2	1000360-68-4	18
5		Phenyl-(2,6,6-trimethyl-cyclohex...	226	C16H18O	1000186-44-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101711.D
Acq On : 26 Dec 2017 13:18
Operator : SJ/JU
Sample : I6683-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

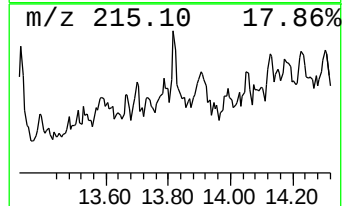
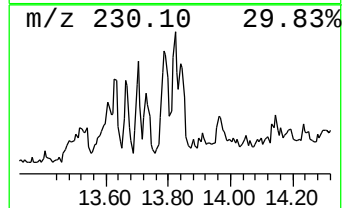
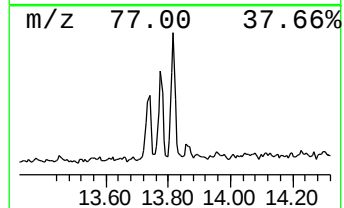
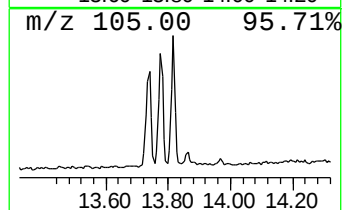
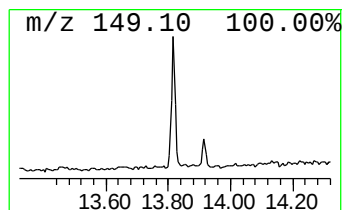
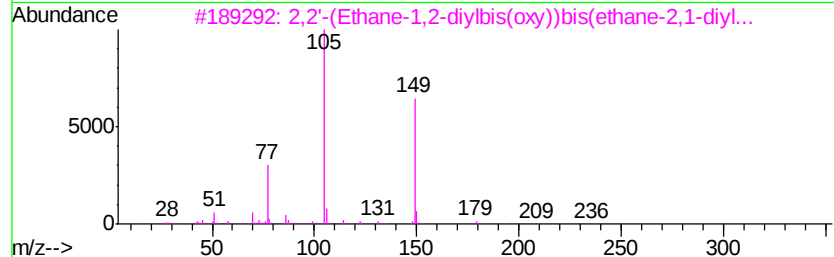
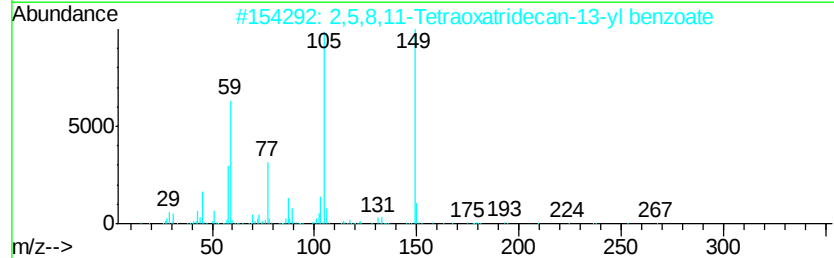
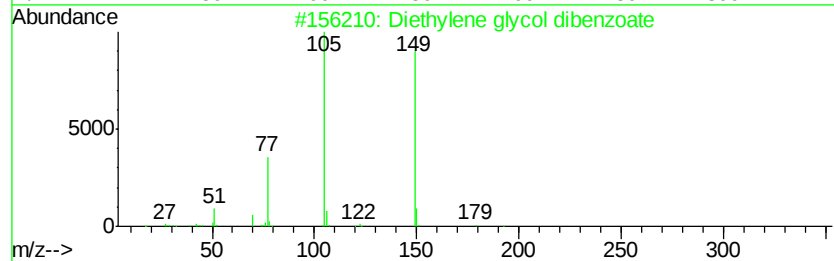
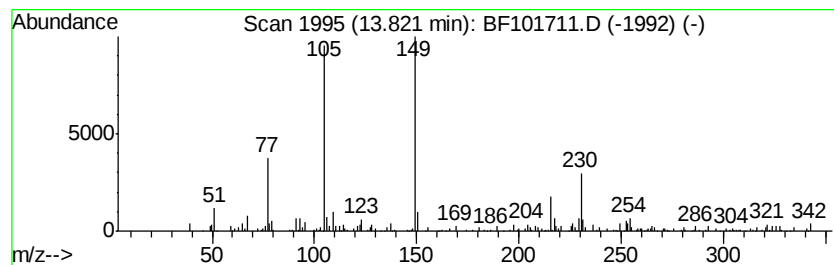
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Diethylene glycol dibenzoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.76 ng	113523	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
2		2,5,8,11-Tetraoxatridecan-13-yl ...	312	C16H24O6	1000366-96-7	64
3		2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	64
4		Phthalic acid, hexyl isopropyl e...	292	C17H24O4	1000315-00-0	49
5		Phthalic acid, isobutyl 2-pentyl...	292	C17H24O4	1000315-48-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101711.D
 Acq On : 26 Dec 2017 13:18
 Operator : SJ/JU
 Sample : I6683-07 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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...	5.01	2.5	ng	112857	1	6.79	904507	20.0
unknown6.56	6.56	40.0	ng	1809520	1	6.79	904507	20.0
Hexadecane	9.21	2.7	ng	145414	3	9.82	1079870	20.0
Pentadecane	10.23	2.4	ng	129899	3	9.82	1079870	20.0
Nonadecane, 9-met...	10.71	3.2	ng	169165	4	11.32	1053830	20.0
Hexadecanoic acid...	11.69	23.8	ng	1256090	4	11.32	1053830	20.0
n-Hexadecanoic acid	11.83	2.7	ng	141774	4	11.32	1053830	20.0
9,12-Octadecadien...	12.37	73.7	ng	3880700	4	11.32	1053830	20.0
14-Octadecenoic a...	12.40	49.8	ng	2625540	4	11.32	1053830	20.0
Methyl stearate	12.48	9.9	ng	522427	4	11.32	1053830	20.0
Octadecanoic acid	12.62	2.2	ng	114625	4	11.32	1053830	20.0
unknown13.78	13.78	6.5	ng	268421	5	13.97	823319	20.0
Diethylene glycol...	13.82	2.8	ng	113523	5	13.97	823319	20.0