

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104046.D
 Acq On : 29 Mar 2018 13:10
 Operator : JU/SJ
 Sample : J1754-13 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-B

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-BF032818.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	5.598	593	597	610	rBV	83890	270328	3.11%	0.956%
2	6.598	763	767	787	rBV	121684	460231	5.30%	1.627%
3	6.734	787	790	811	rVB	298569	546516	6.29%	1.932%
4	6.963	826	829	850	rBV	358824	626890	7.22%	2.216%
5	7.116	852	855	868	rVV	321847	404305	4.66%	1.429%
6	7.534	922	926	940	rBV	111628	306891	3.53%	1.085%
7	8.245	1044	1047	1057	rBV	629523	809407	9.32%	2.862%
8	9.316	1225	1229	1237	rBV	602292	743378	8.56%	2.628%
9	9.381	1237	1240	1245	rVB	116225	118428	1.36%	0.419%
10	9.698	1291	1294	1300	rBV2	65334	95269	1.10%	0.337%
11	9.910	1327	1330	1334	rVB	154251	124420	1.43%	0.440%
12	10.004	1339	1346	1358	rVV	890834	1049537	12.09%	3.710%
13	10.410	1410	1415	1418	rBV2	256168	258008	2.97%	0.912%
14	10.628	1448	1452	1455	rBV	77966	95063	1.09%	0.336%
15	10.798	1477	1481	1489	rBV	303309	431146	4.96%	1.524%
16	10.886	1493	1496	1501	rVV	178403	214585	2.47%	0.759%
17	11.333	1569	1572	1574	rBV	171134	127098	1.46%	0.449%
18	11.363	1574	1577	1585	rVB2	73285	92236	1.06%	0.326%
19	11.498	1596	1600	1612	rBV	821311	1019656	11.74%	3.605%
20	11.763	1642	1645	1648	rBV	113670	103102	1.19%	0.364%
21	11.869	1659	1663	1671	rBV	2949201	2703869	31.14%	9.559%
22	12.004	1682	1686	1694	rBV3	122726	208107	2.40%	0.736%
23	12.569	1776	1782	1784	rBV	5306311	8683970	100.00%	30.701%
24	12.586	1784	1785	1794	rVV2	4719226	4497643	51.79%	15.901%
25	12.657	1794	1797	1802	rVV	1287012	1288322	14.84%	4.555%
26	12.716	1802	1807	1815	rVB2	149866	268082	3.09%	0.948%
27	12.951	1845	1847	1853	rVB	90656	114328	1.32%	0.404%
28	13.080	1866	1869	1877	rVB	663225	632877	7.29%	2.237%
29	13.386	1918	1921	1923	rBV	121352	107598	1.24%	0.380%
30	14.057	2032	2035	2040	rBV	113989	137342	1.58%	0.486%
31	14.151	2047	2051	2063	rBV	633127	775001	8.92%	2.740%
32	15.045	2199	2203	2210	rVB	202547	290506	3.35%	1.027%
33	15.698	2309	2314	2327	rVB	392590	681934	7.85%	2.411%

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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-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

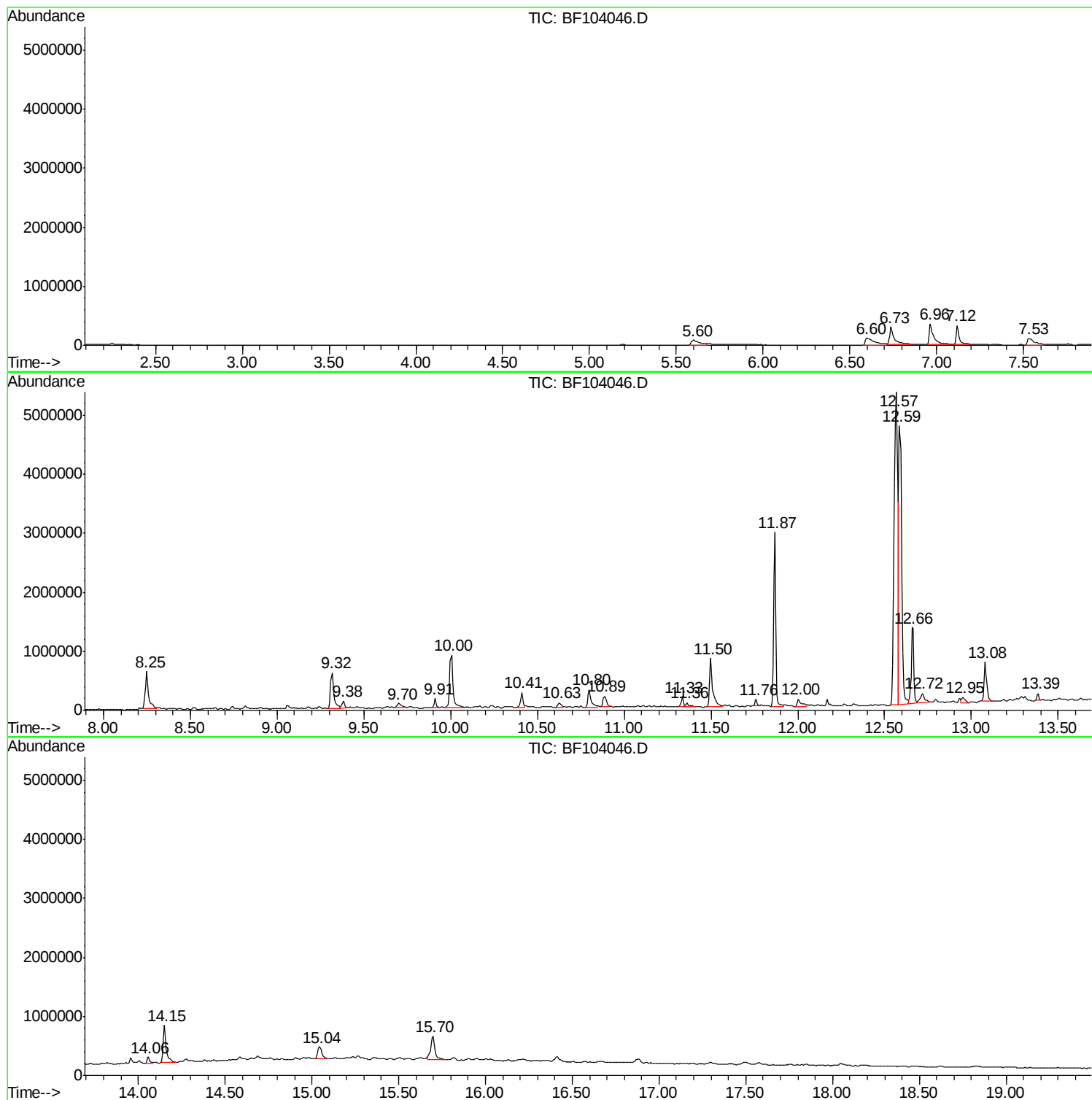
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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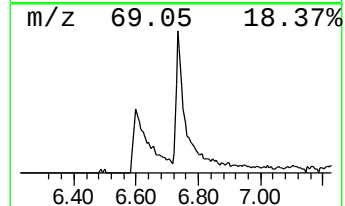
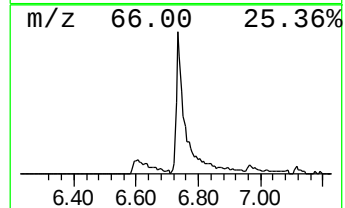
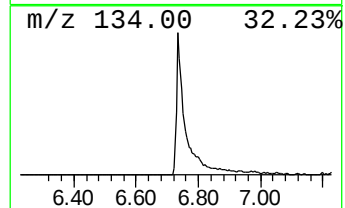
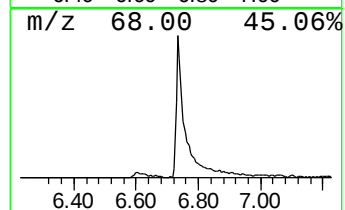
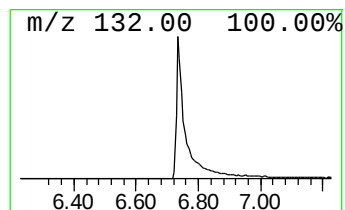
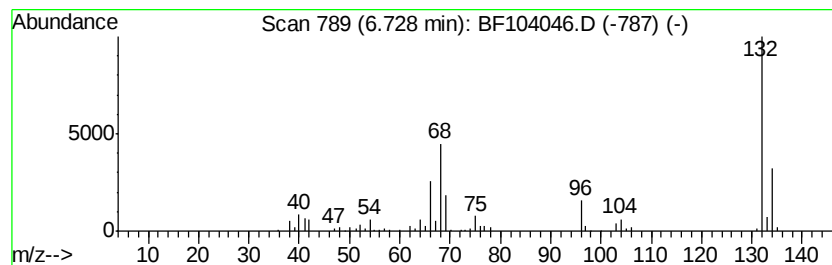
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	17.44 ng	546516	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		1-Aminoindan	133	C9H11N	034698-41-4	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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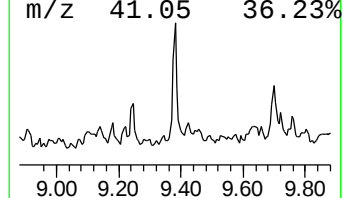
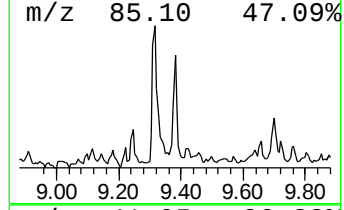
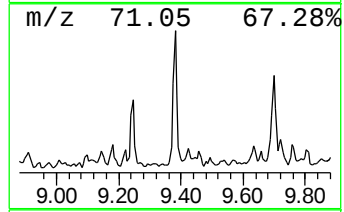
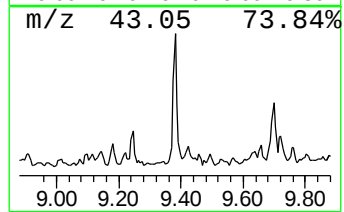
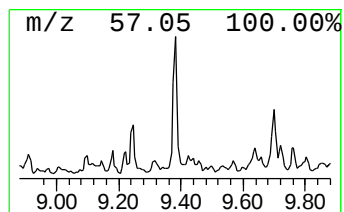
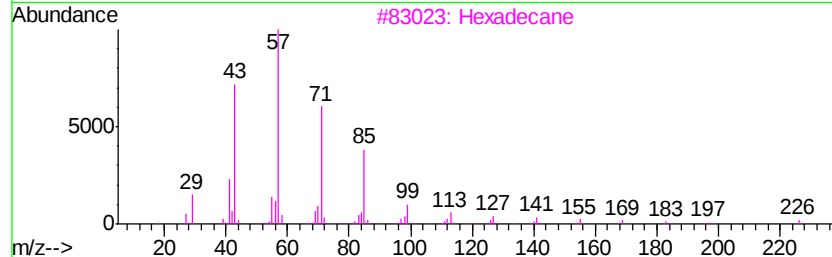
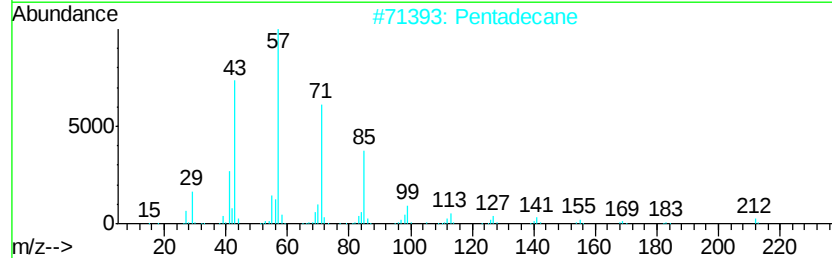
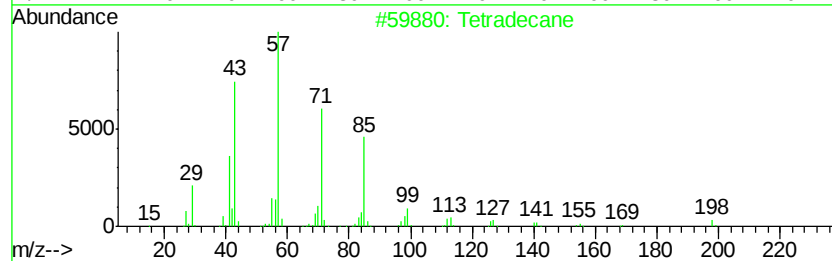
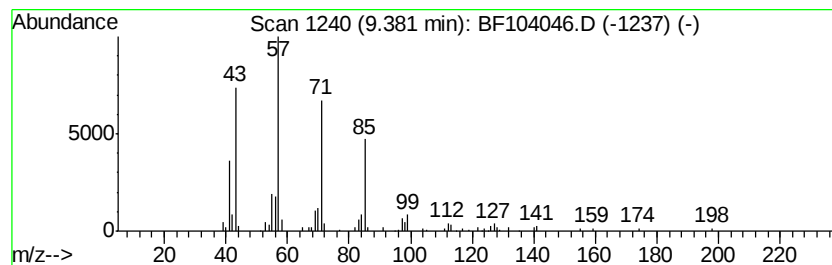
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.26 ng	118428	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Pentadecane	212	C15H32	000629-62-9	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Tridecane	184	C13H28	000629-50-5	72
5		Tetracosane	338	C24H50	000646-31-1	64



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ALS Vial : 4 Sample Multiplier: 1

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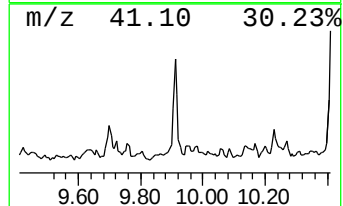
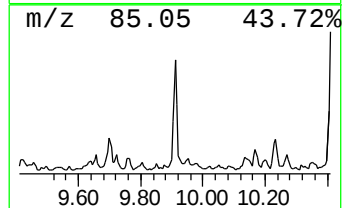
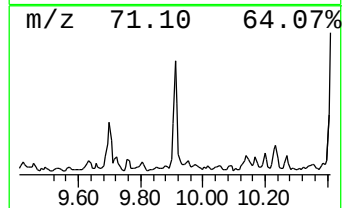
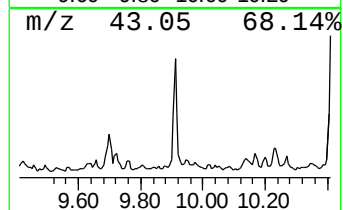
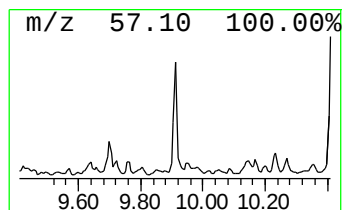
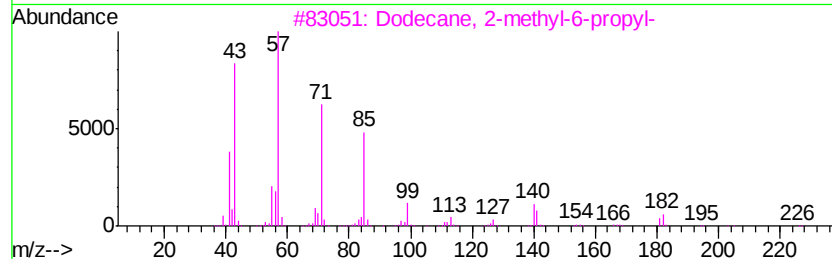
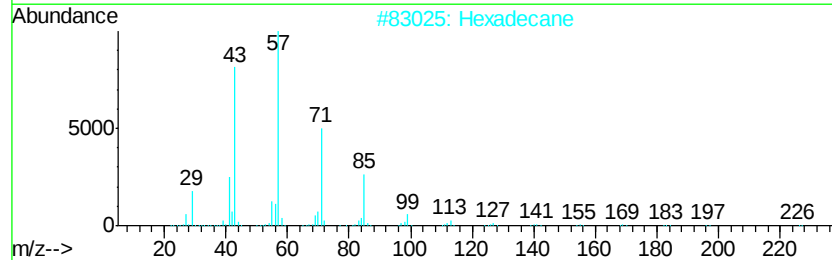
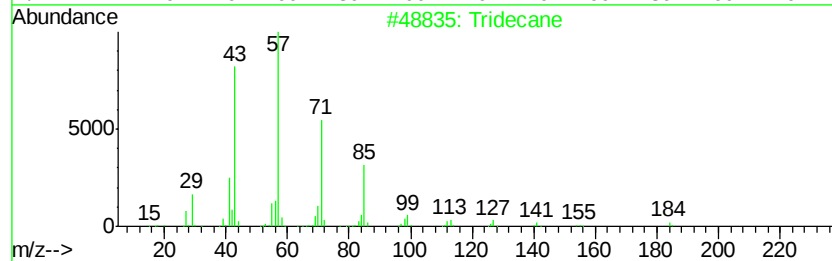
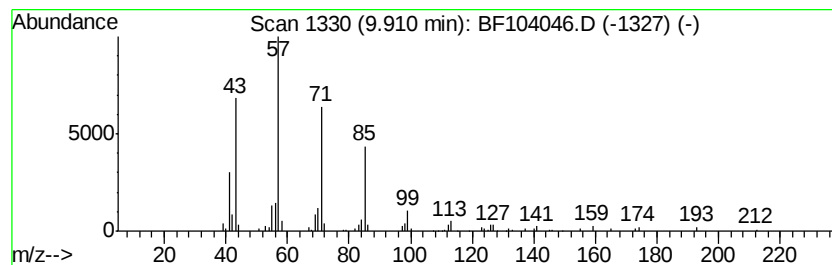
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	2.37 ng	124420	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	80
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4		Heptadecane	240	C17H36	000629-78-7	72
5		Tetradecane	198	C14H30	000629-59-4	72



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Misc :
ALS Vial : 4 Sample Multiplier: 1

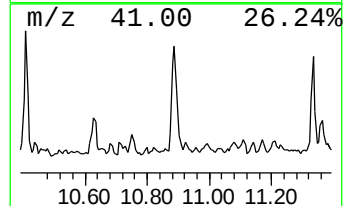
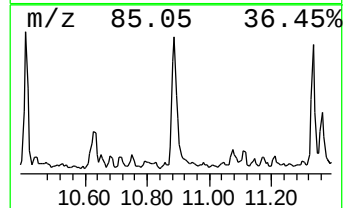
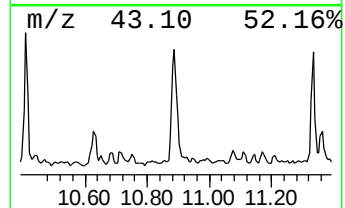
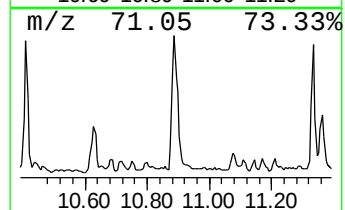
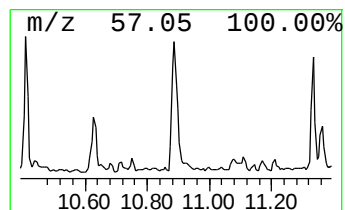
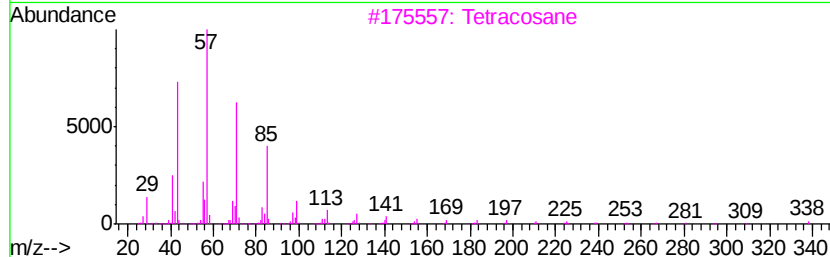
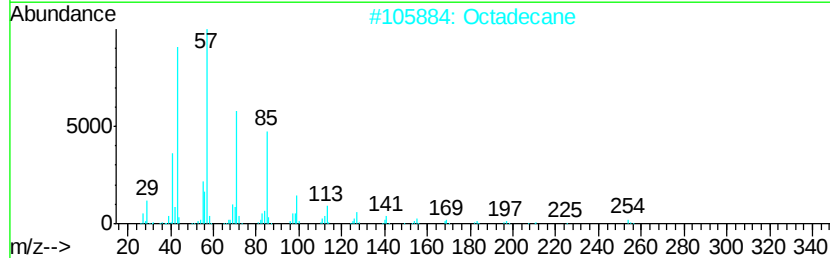
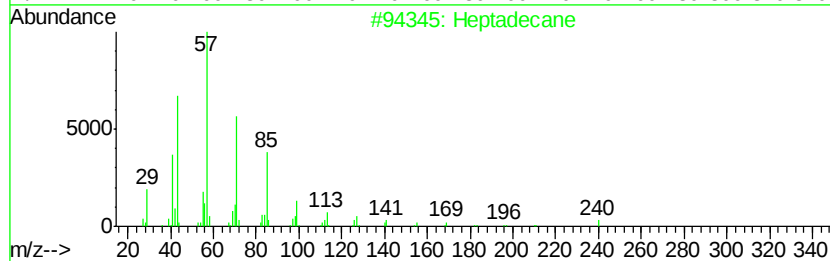
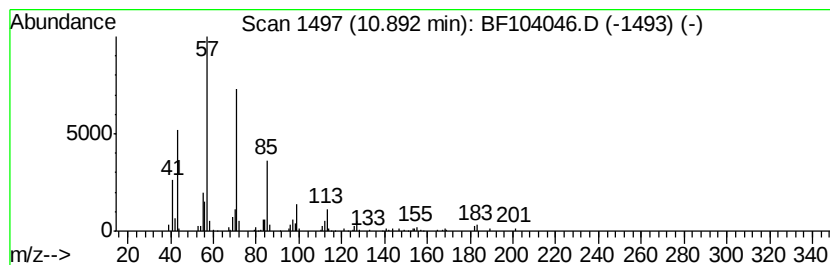
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	4.21 ng	214585	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90



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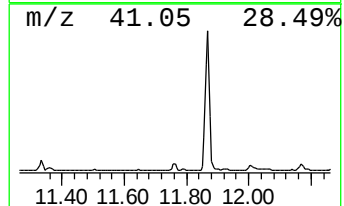
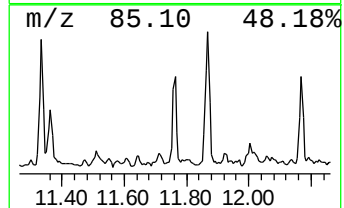
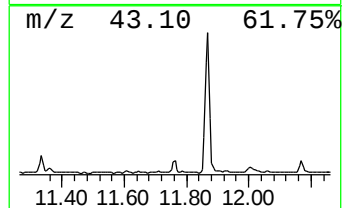
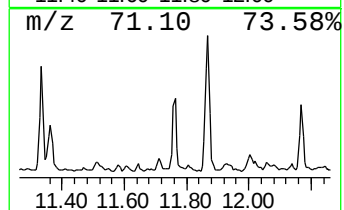
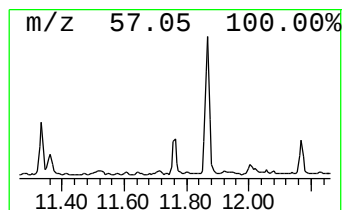
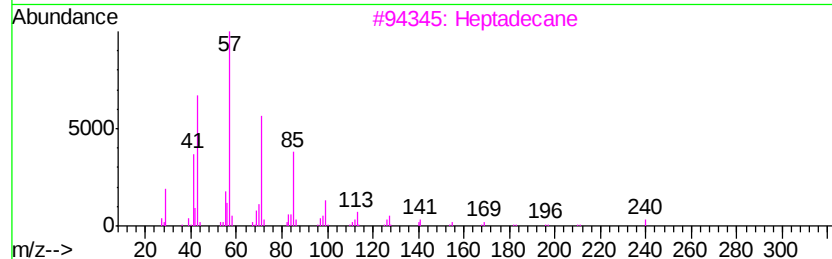
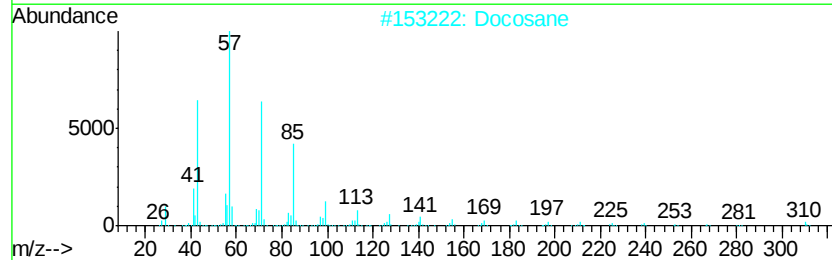
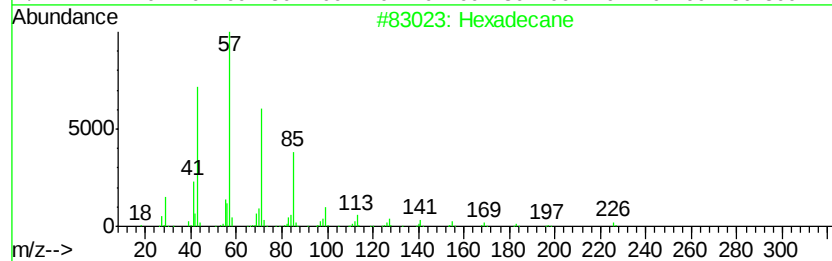
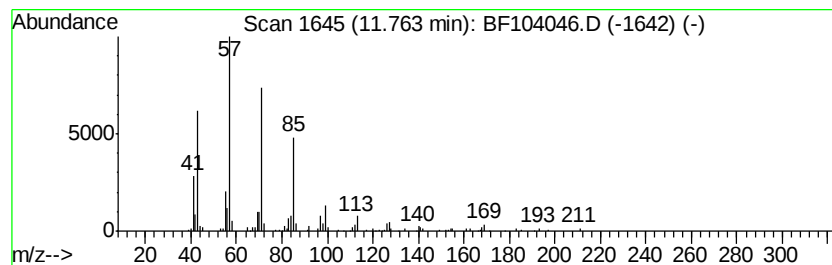
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.02 ng	103102	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Docosane	310	C22H46	000629-97-0	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	86



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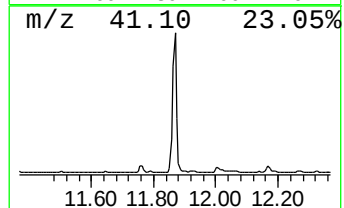
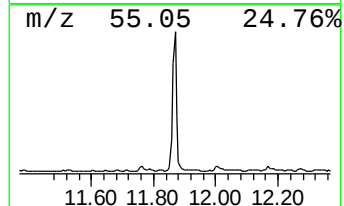
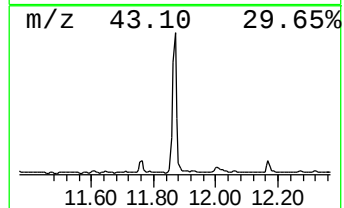
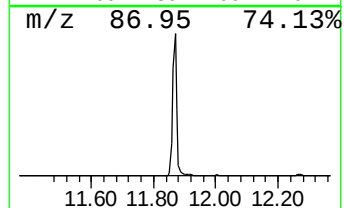
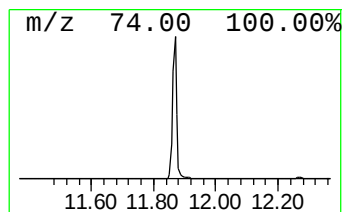
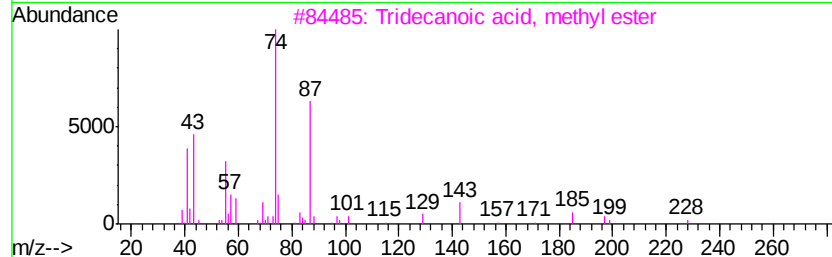
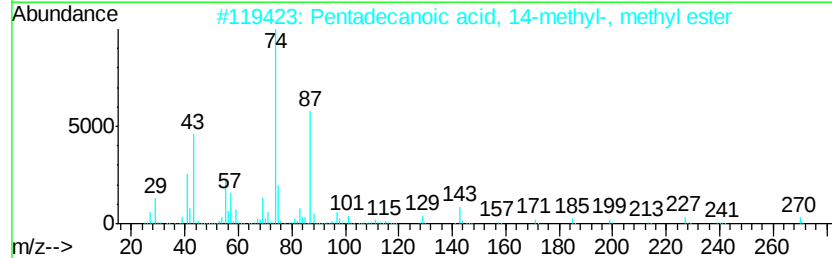
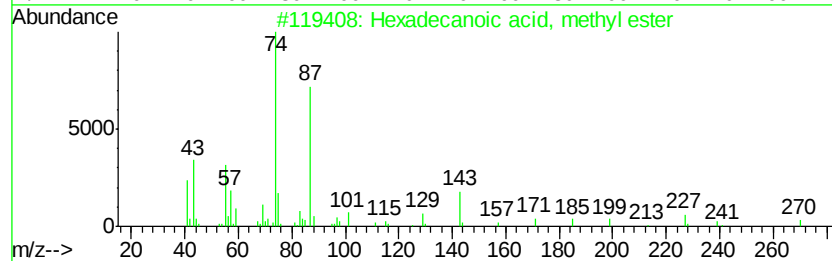
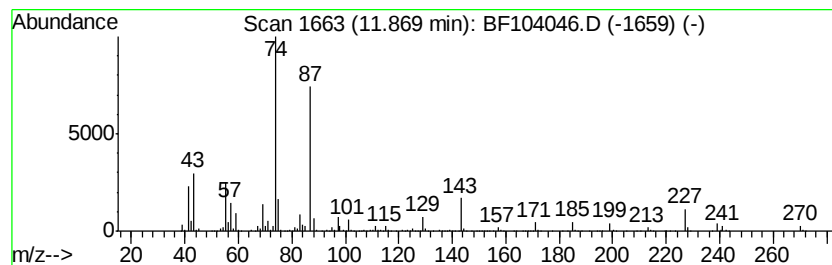
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	53.03 ng	2703870	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104046.D
Acq On : 29 Mar 2018 13:10
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-B

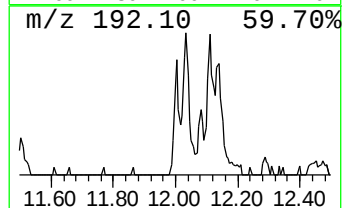
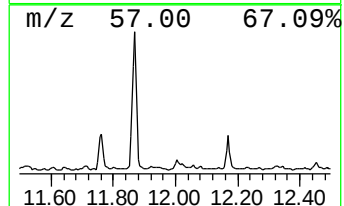
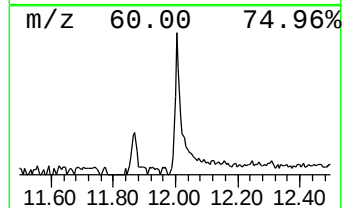
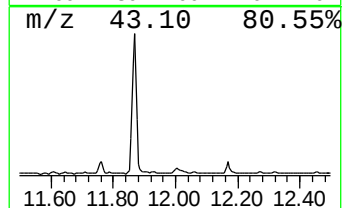
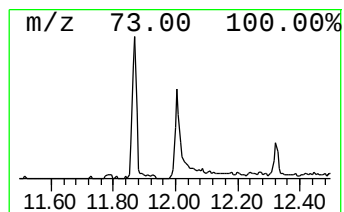
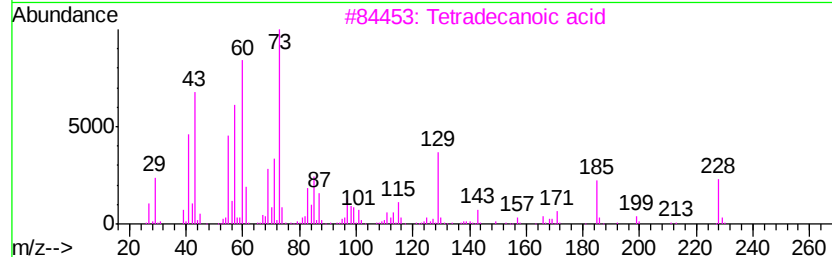
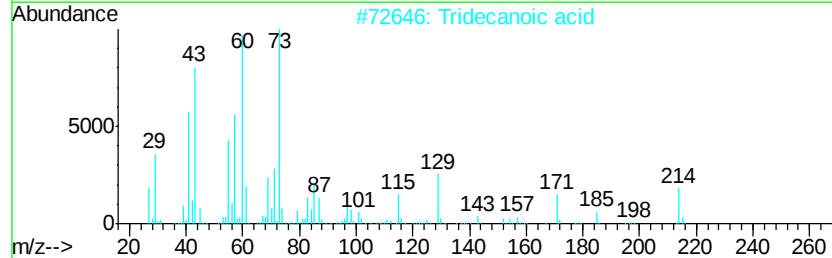
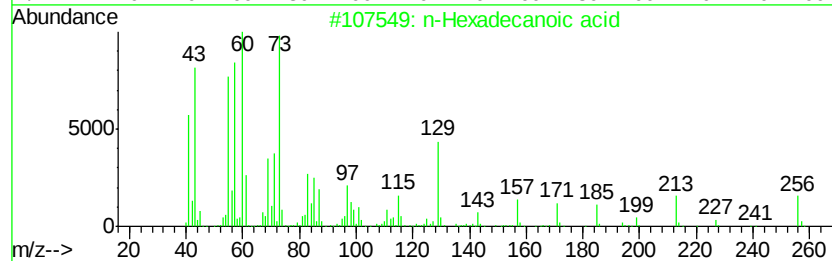
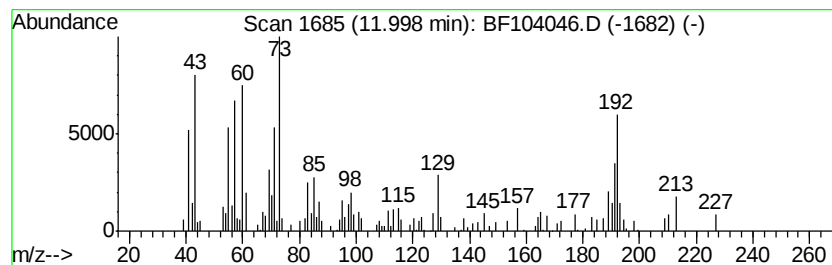
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.08 ng	208107	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5		Tetradecane	198	C14H30	000629-59-4	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104046.D
Acq On : 29 Mar 2018 13:10
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-B

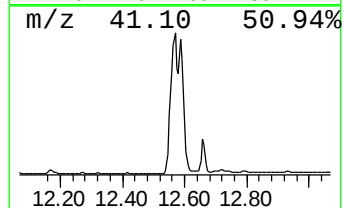
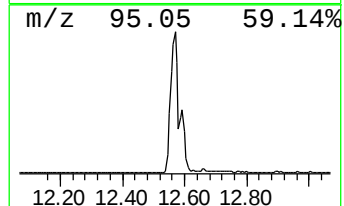
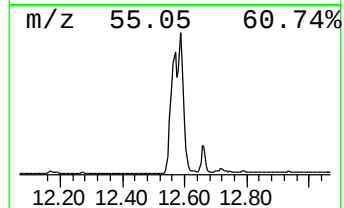
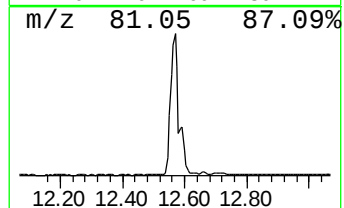
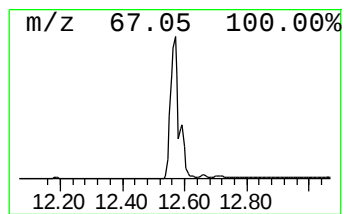
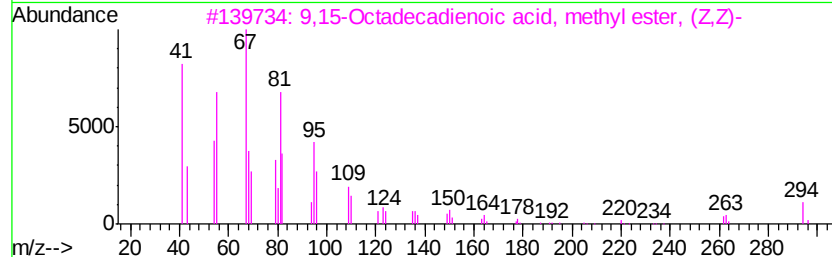
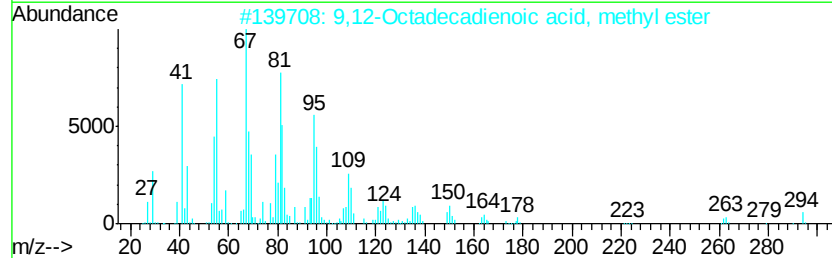
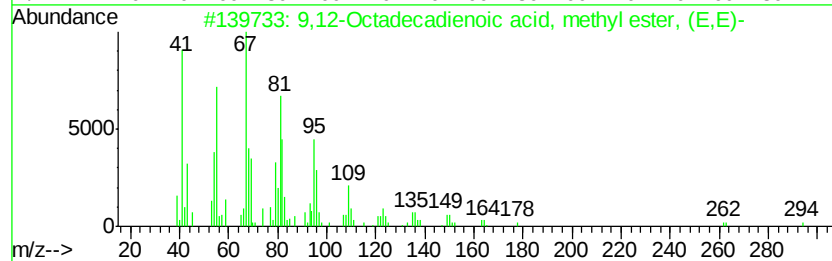
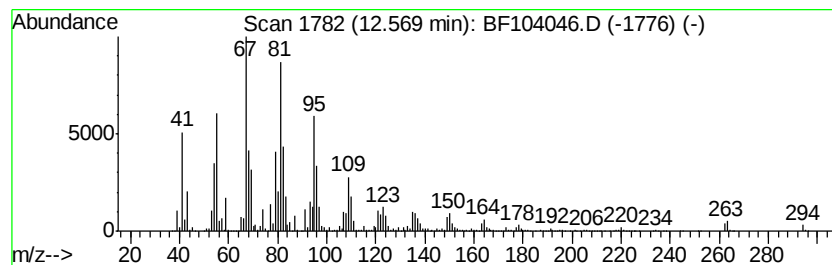
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
12.57	170.33 ng	8683970	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104046.D
Acq On : 29 Mar 2018 13:10
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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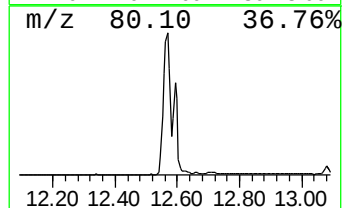
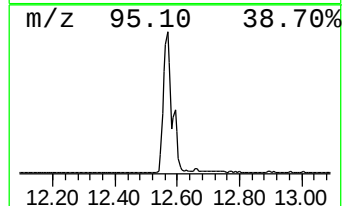
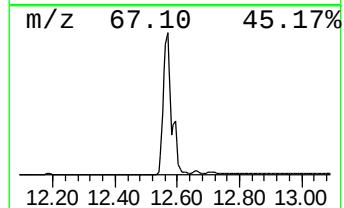
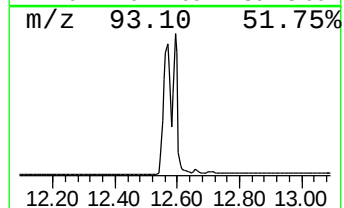
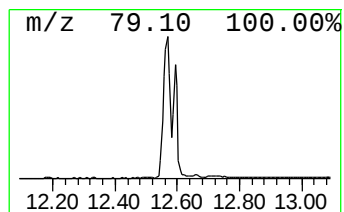
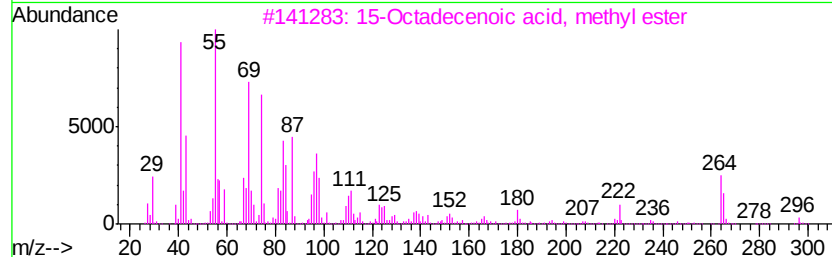
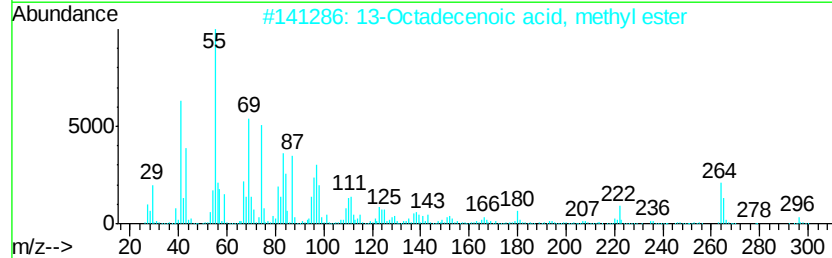
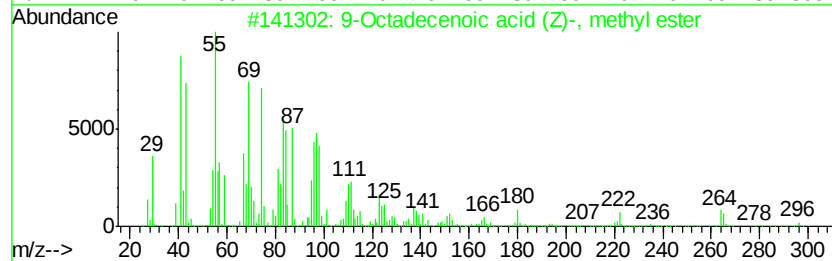
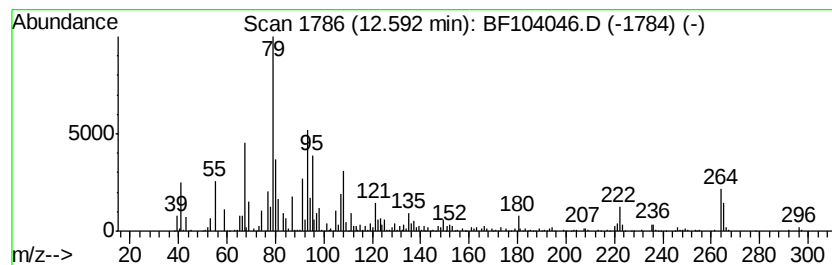
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	88.22 ng	4497640	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104046.D
Acq On : 29 Mar 2018 13:10
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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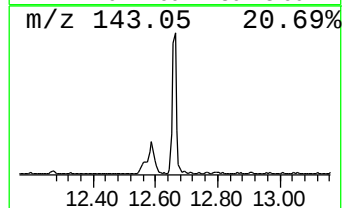
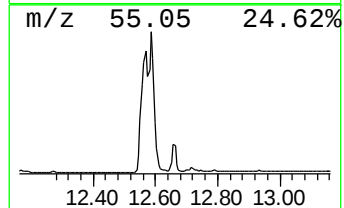
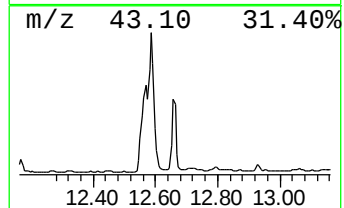
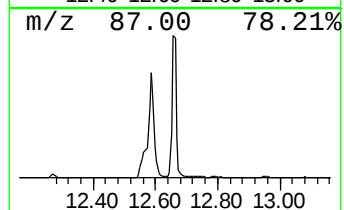
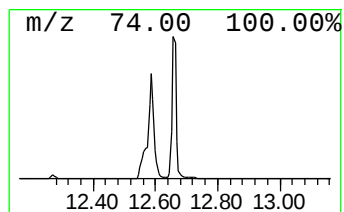
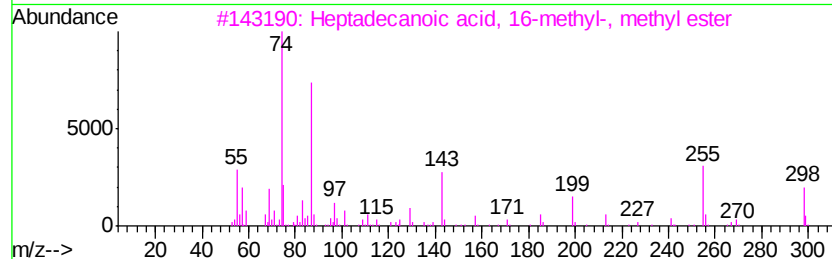
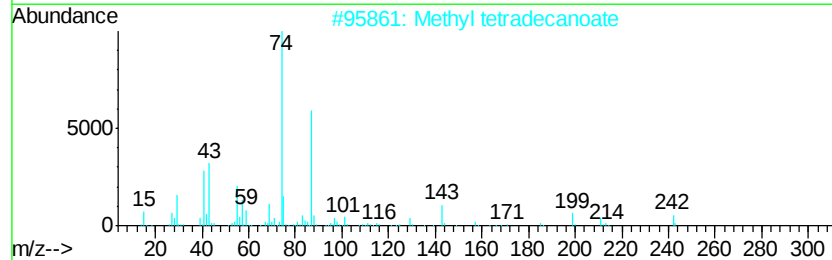
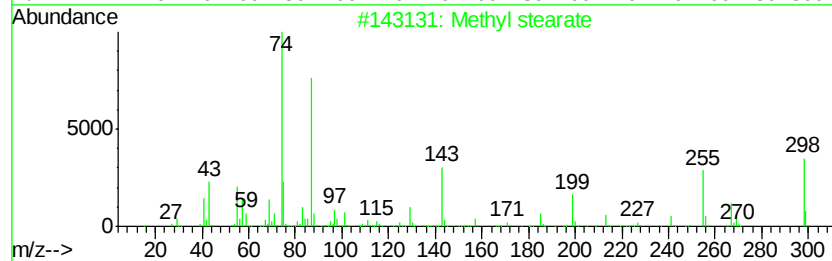
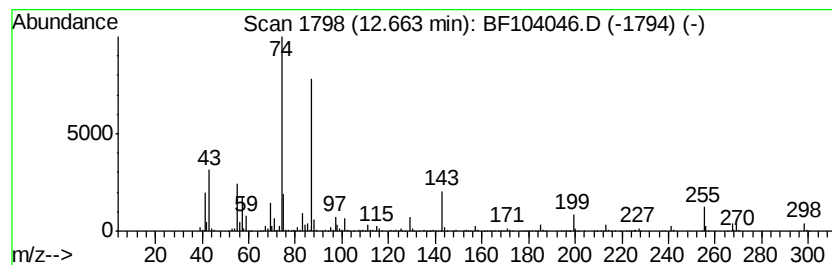
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	25.27 ng	1288320	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104046.D
Acq On : 29 Mar 2018 13:10
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-B

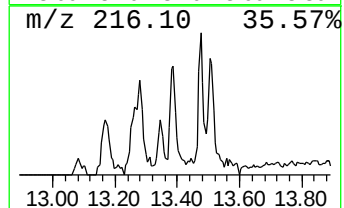
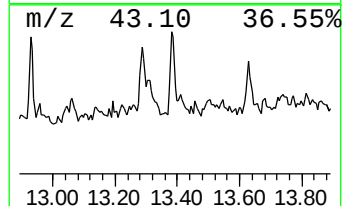
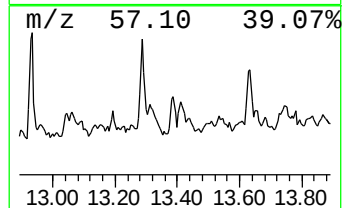
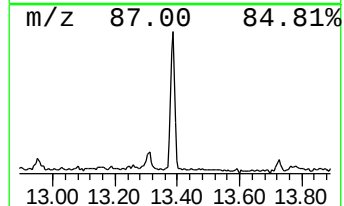
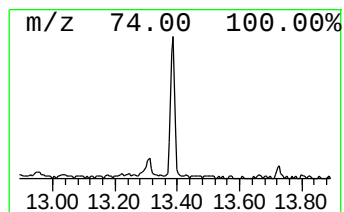
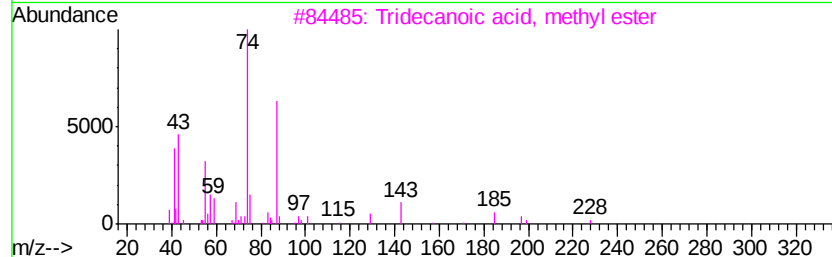
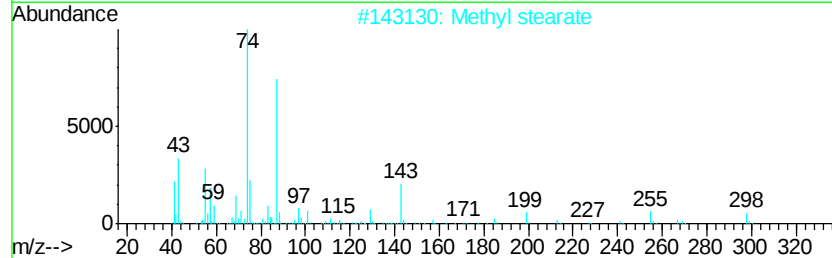
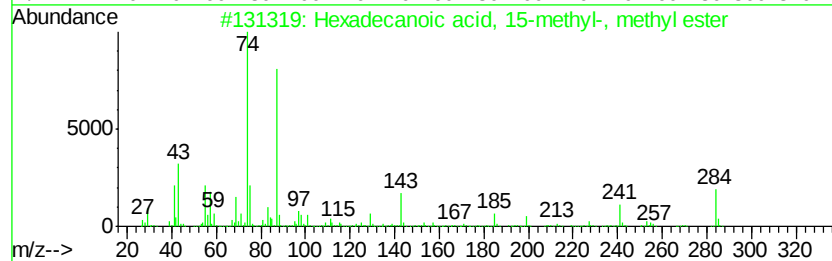
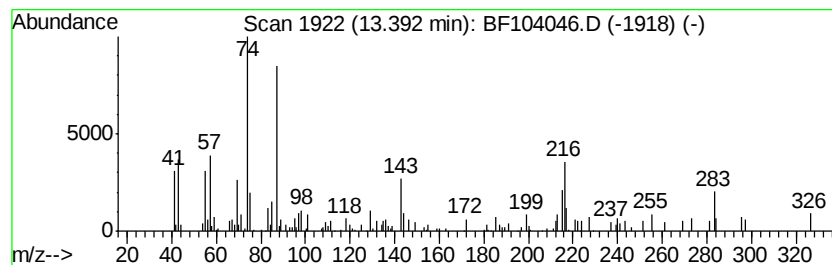
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, 15-methy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.78 ng	107598	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
2		Methyl stearate	298	C19H38O2	000112-61-8	74
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	70
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	64
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104046.D
Acq On : 29 Mar 2018 13:10
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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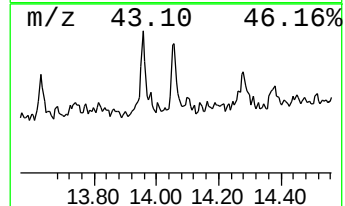
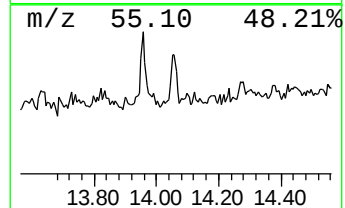
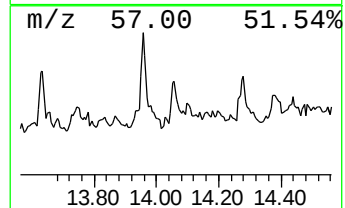
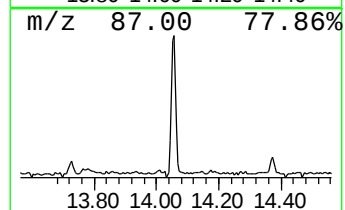
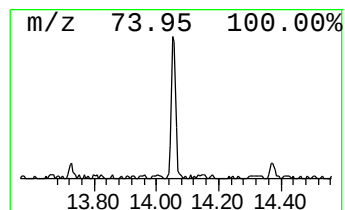
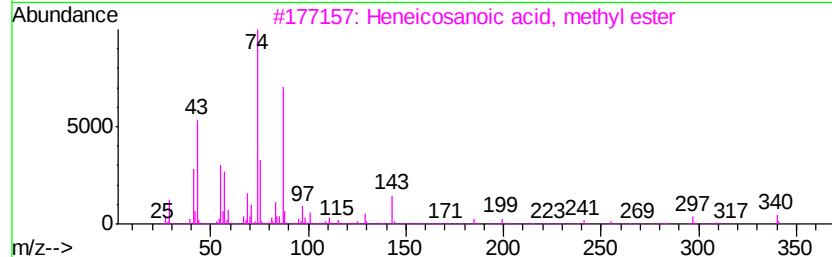
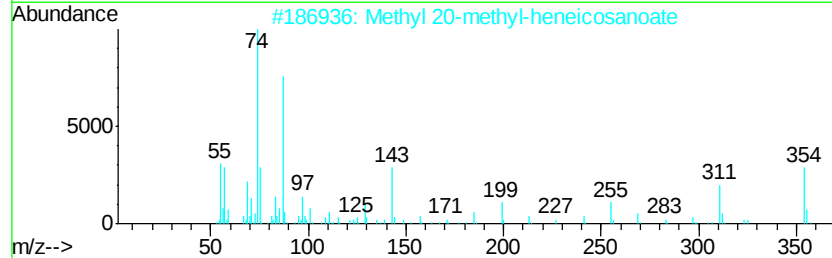
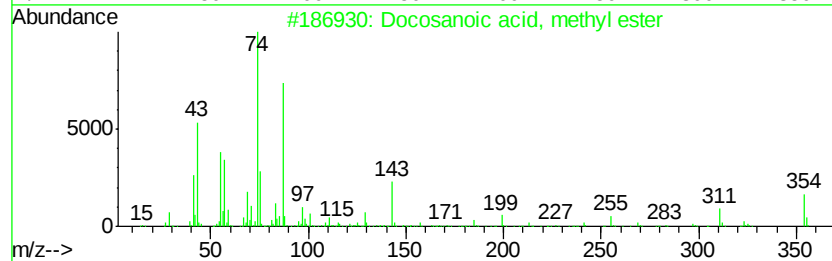
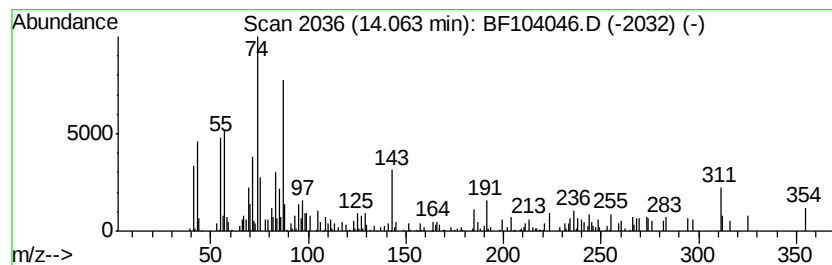
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	3.54 ng	137342	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	96
3		Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	86
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104046.D
Acq On : 29 Mar 2018 13:10
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-B

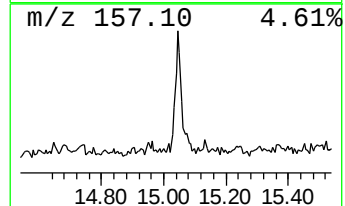
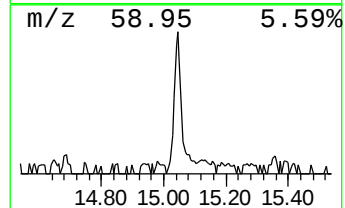
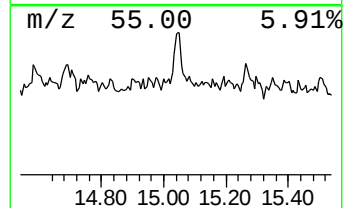
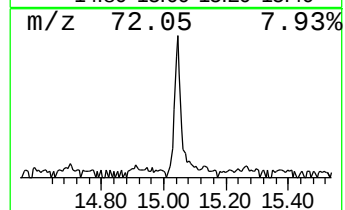
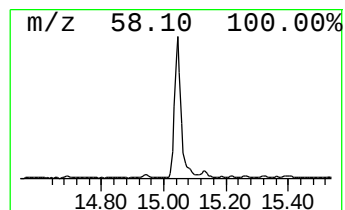
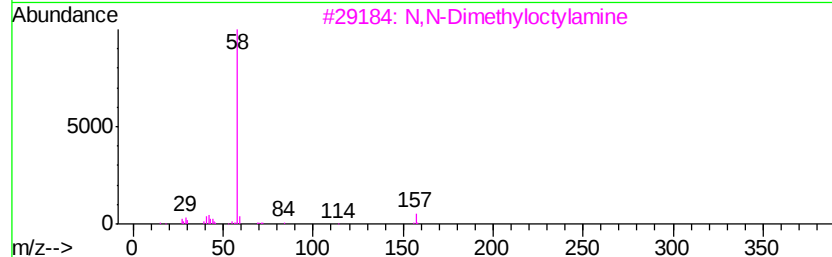
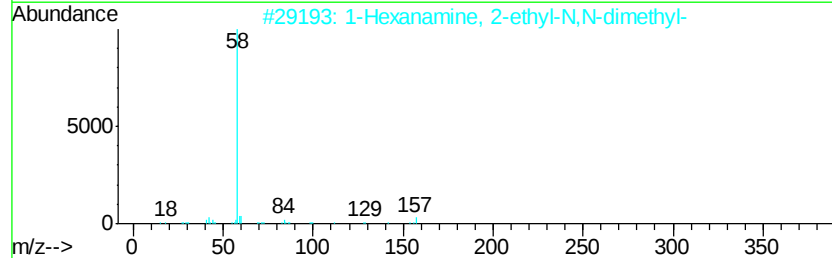
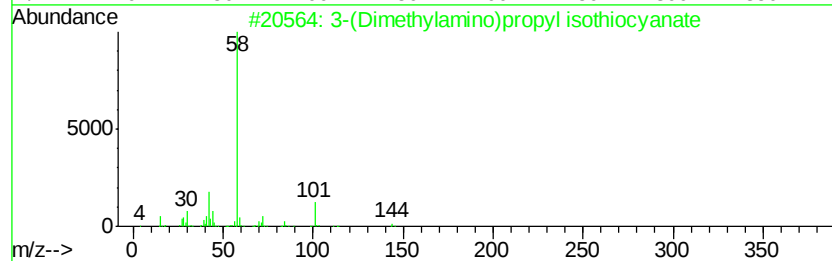
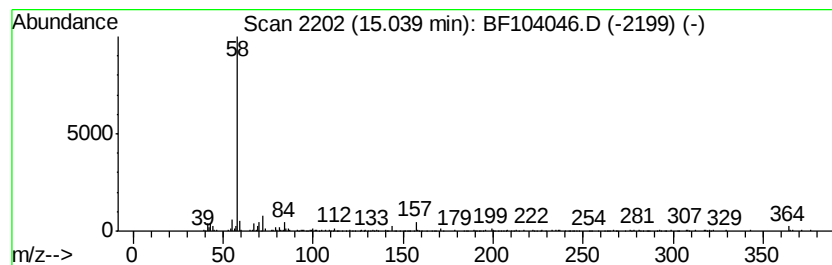
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-(Dimethylamino)propyl iso... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	8.52 ng	290506	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2			1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
4			1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	64
5			Dimantine	297	C20H43N	000124-28-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
 Data File : BF104046.D
 Acq On : 29 Mar 2018 13:10
 Operator : JU/SJ
 Sample : J1754-13 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
unknown6.73	6.73	17.4	ng	546516	1	6.96	626890	20.0
Tetradecane	9.38	2.3	ng	118428	3	10.00	1049540	20.0
Tridecane	9.91	2.4	ng	124420	3	10.00	1049540	20.0
Heptadecane	10.89	4.2	ng	214585	4	11.50	1019660	20.0
Hexadecane	11.76	2.0	ng	103102	4	11.50	1019660	20.0
Hexadecanoic acid...	11.87	53.0	ng	2703870	4	11.50	1019660	20.0
n-Hexadecanoic acid	12.00	4.1	ng	208107	4	11.50	1019660	20.0
9,12-Octadecadien...	12.57	170.3	ng	8683970	4	11.50	1019660	20.0
9-Octadecenoic ac...	12.59	88.2	ng	4497640	4	11.50	1019660	20.0
Methyl stearate	12.66	25.3	ng	1288320	4	11.50	1019660	20.0
Hexadecanoic acid...	13.39	2.8	ng	107598	5	14.15	775001	20.0
Docosanoic acid, ...	14.06	3.5	ng	137342	5	14.15	775001	20.0
3-(Dimethylamino)...	15.04	8.5	ng	290506	6	15.70	681934	20.0