

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104026.D
 Acq On : 28 Mar 2018 22:28
 Operator : JU/SJ
 Sample : J1754-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.604	594	598	625	rBV2	90997	386378	5.01%	1.569%
2	6.604	764	768	787	rBV	142988	483389	6.26%	1.963%
3	6.739	787	791	814	rVB	312987	591667	7.66%	2.403%
4	6.963	826	829	848	rBV	388885	640790	8.30%	2.602%
5	7.116	852	855	868	rVV	321212	425344	5.51%	1.727%
6	7.533	922	926	936	rBV	141107	299689	3.88%	1.217%
7	8.245	1044	1047	1052	rBV	675813	754857	9.78%	3.066%
8	9.316	1225	1229	1237	rBV	697786	731310	9.47%	2.970%
9	9.380	1237	1240	1245	rVB	114363	106799	1.38%	0.434%
10	9.704	1291	1295	1300	rBV2	62194	101565	1.32%	0.412%
11	9.910	1327	1330	1335	rVB	153953	127295	1.65%	0.517%
12	10.004	1342	1346	1359	rVB	893329	961086	12.45%	3.903%
13	10.410	1412	1415	1418	rBV	178275	150932	1.96%	0.613%
14	10.633	1448	1453	1455	rBV	66682	87989	1.14%	0.357%
15	10.798	1477	1481	1489	rBV	257208	327683	4.24%	1.331%
16	10.886	1493	1496	1505	rVB	190124	250093	3.24%	1.016%
17	11.333	1569	1572	1575	rBV	142774	113983	1.48%	0.463%
18	11.498	1596	1600	1612	rBV	670760	801869	10.39%	3.257%
19	11.762	1642	1645	1648	rBV	119182	92265	1.20%	0.375%
20	11.868	1659	1663	1671	rBV	2782591	2367586	30.67%	9.615%
21	12.568	1776	1782	1784	rBV	5200037	7719713	100.00%	31.351%
22	12.586	1784	1785	1791	rVV2	4500648	3642895	47.19%	14.795%
23	12.662	1794	1798	1802	rVV	1230658	1009030	13.07%	4.098%
24	12.715	1802	1807	1815	rVV2	107965	202909	2.63%	0.824%
25	12.951	1845	1847	1854	rVB	69050	85529	1.11%	0.347%
26	13.080	1866	1869	1876	rVB	538454	509165	6.60%	2.068%
27	13.386	1918	1921	1924	rBV	120167	105460	1.37%	0.428%
28	14.056	2032	2035	2039	rBV	99406	106152	1.38%	0.431%
29	14.151	2048	2051	2059	rVB	595281	669758	8.68%	2.720%
30	15.050	2200	2204	2210	rVB	181274	266476	3.45%	1.082%
31	15.697	2310	2314	2323	rVB	336738	503498	6.52%	2.045%

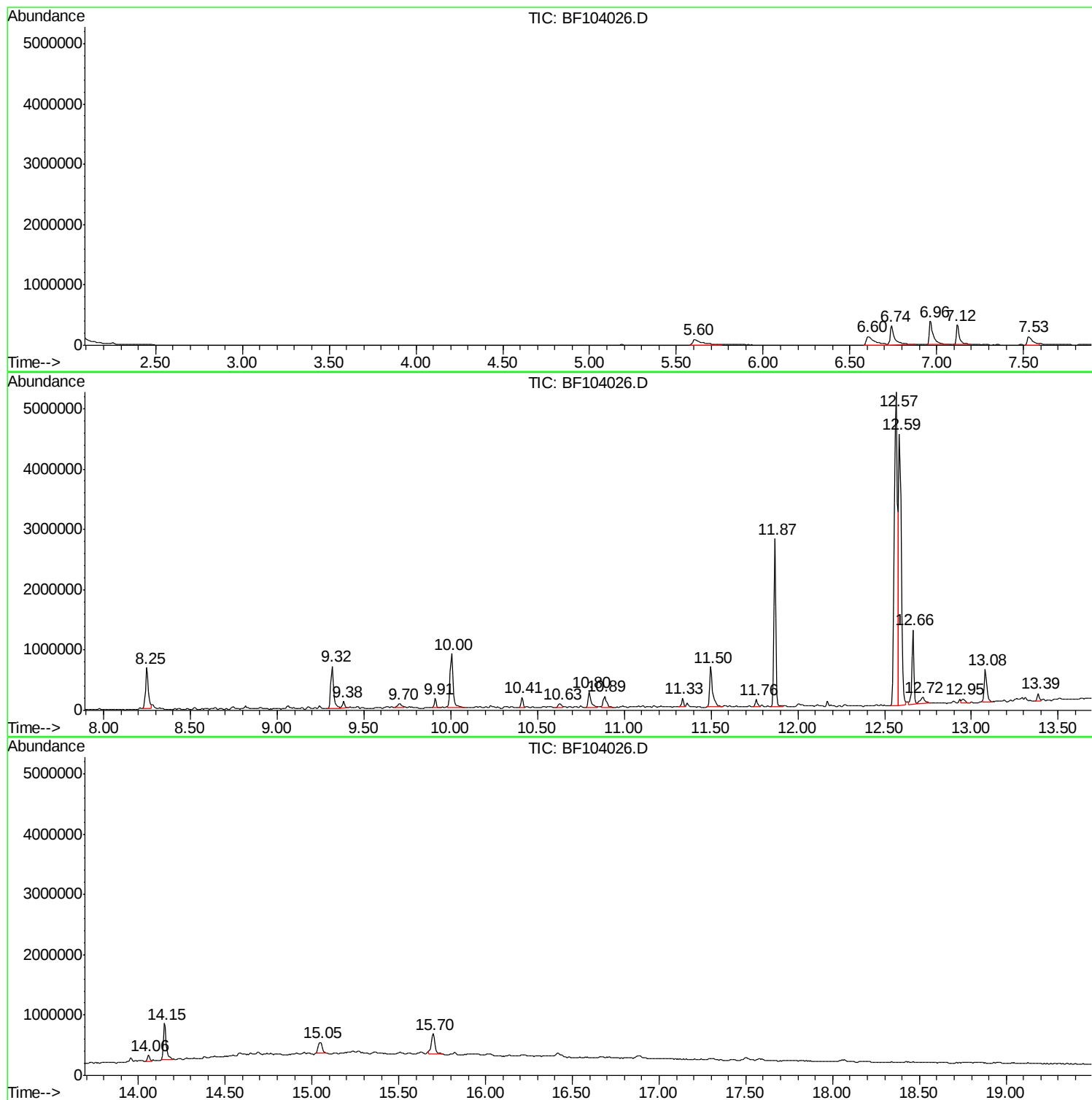
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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



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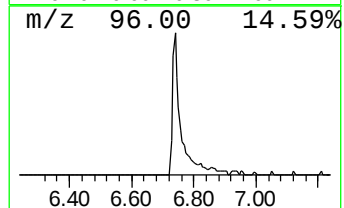
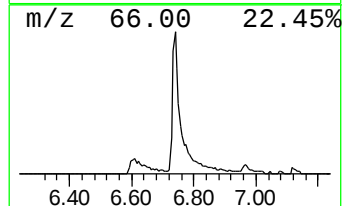
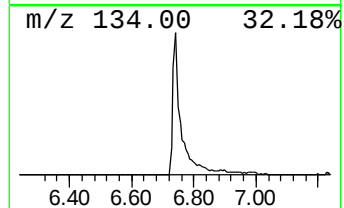
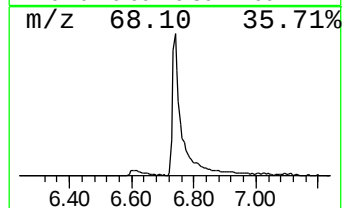
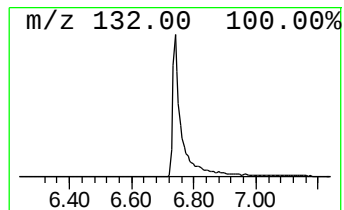
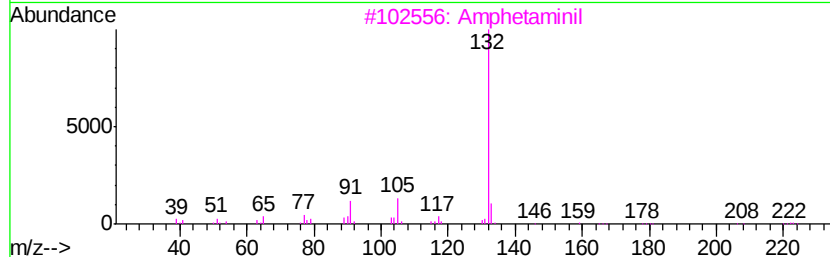
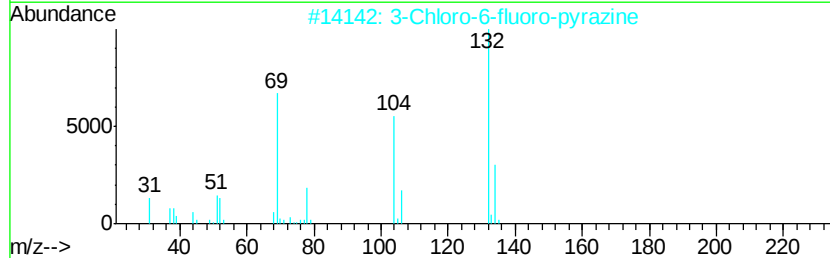
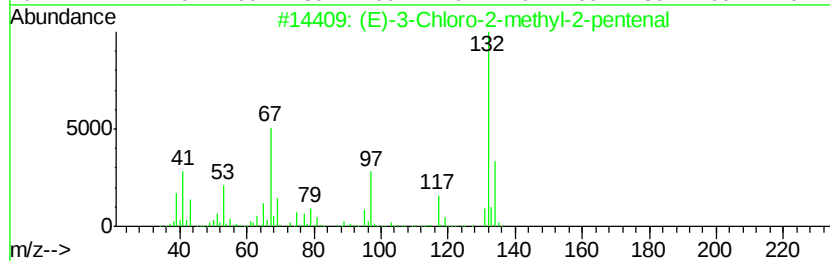
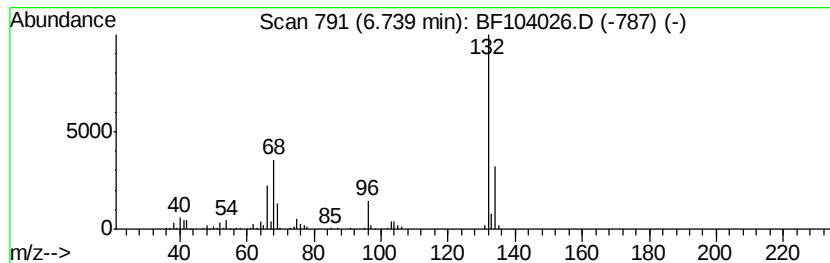
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	18.47 ng	591667	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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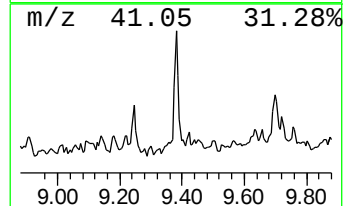
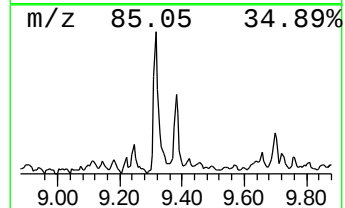
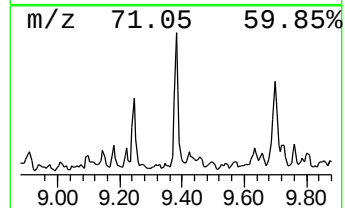
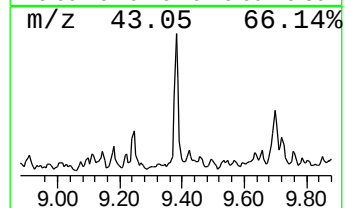
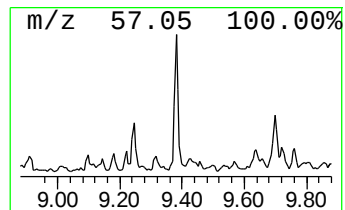
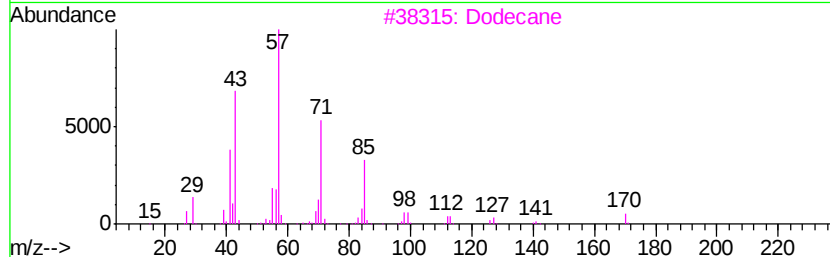
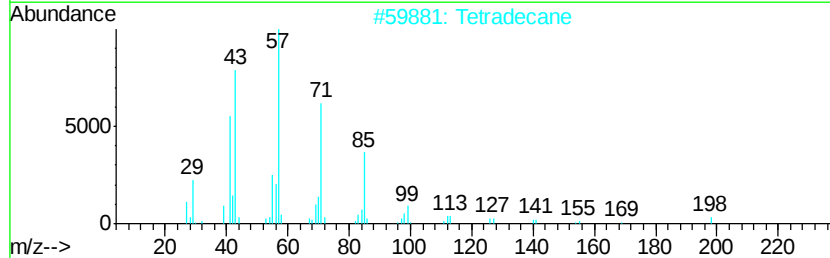
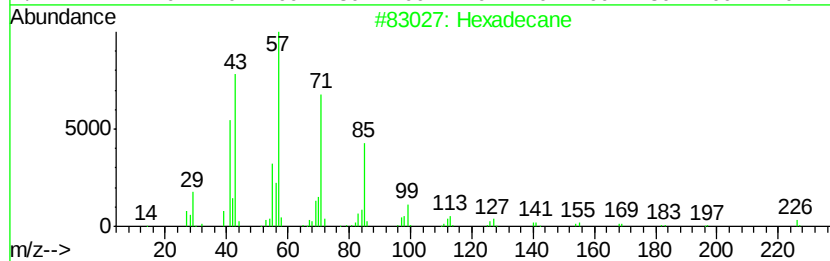
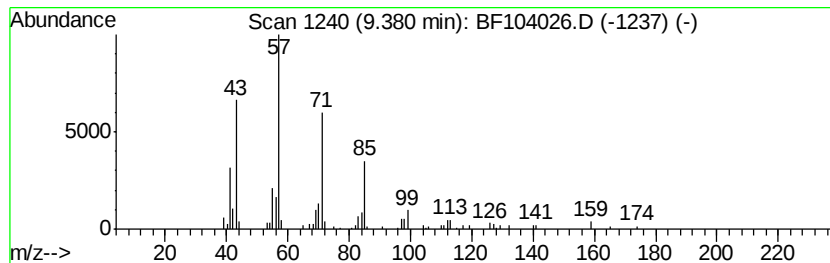
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.22 ng	106799	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	87
3	Dodecane		170	C12H26	000112-40-3	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	86



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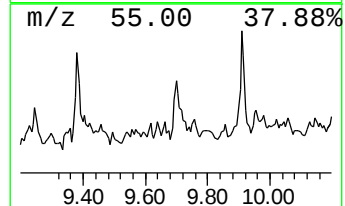
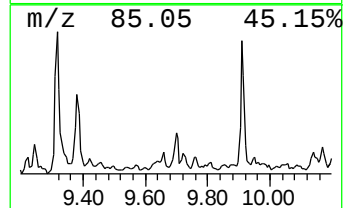
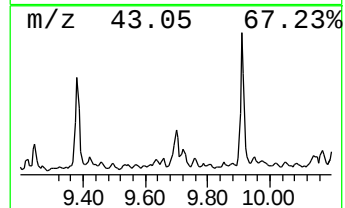
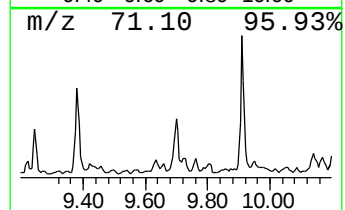
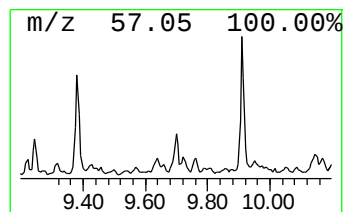
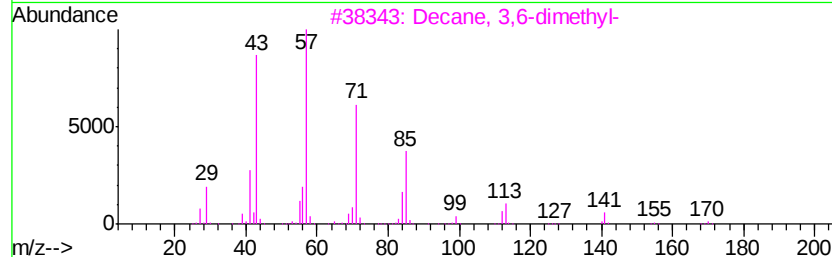
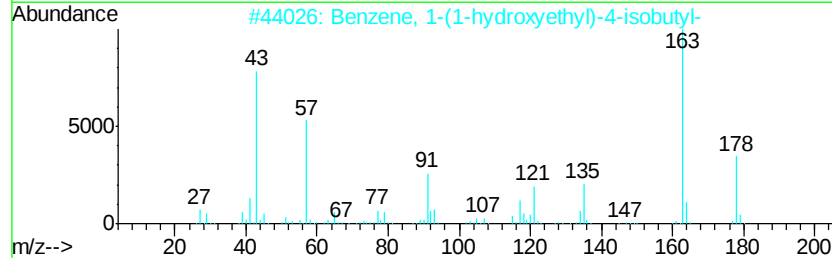
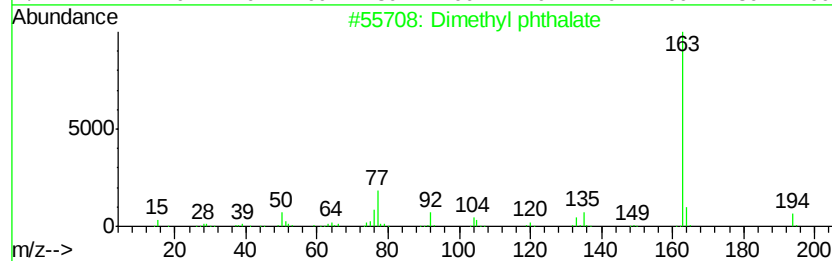
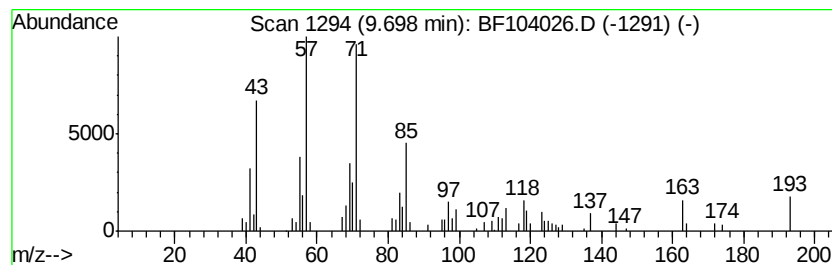
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.70 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.11 ng	101565	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	46
2	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	38
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	27
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	25
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	22



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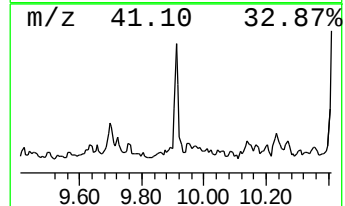
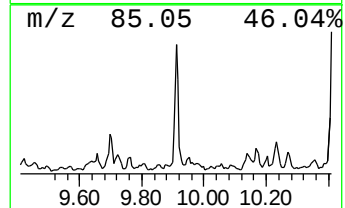
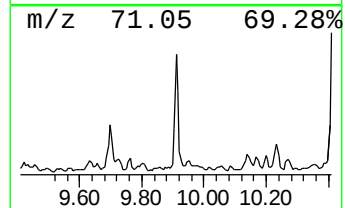
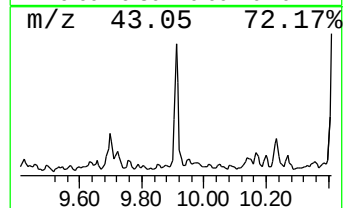
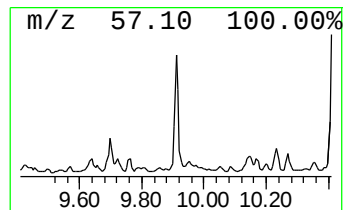
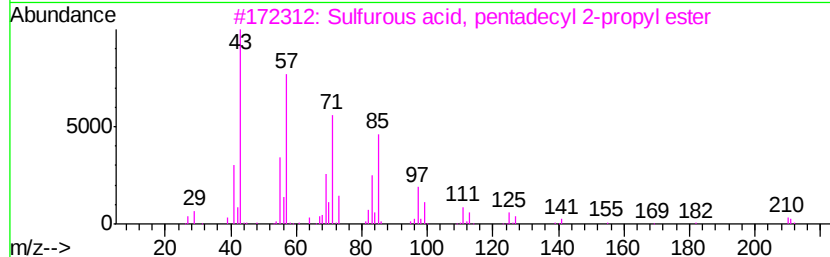
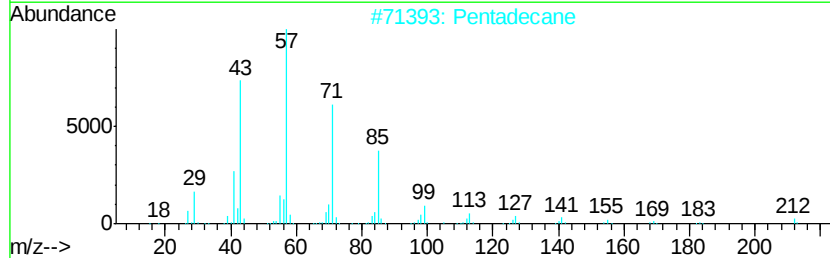
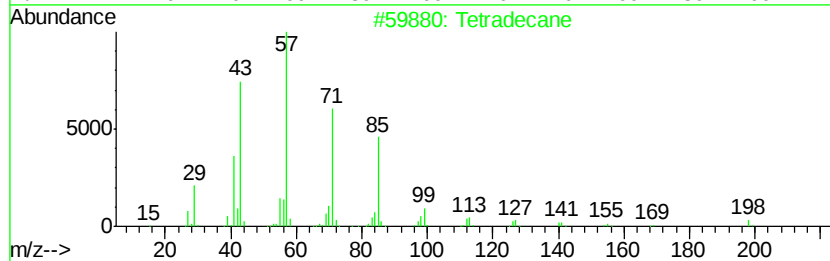
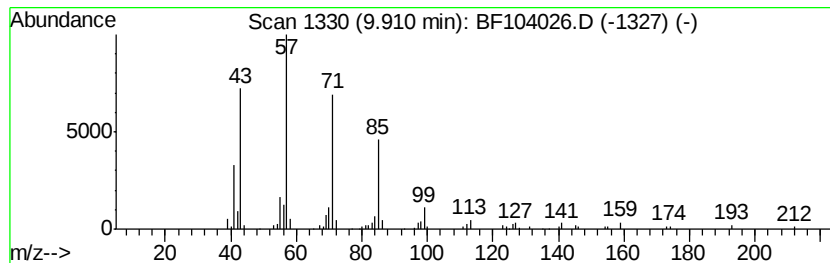
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	2.65 ng	127295	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Pentadecane	212	C15H32	000629-62-9	86
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	58



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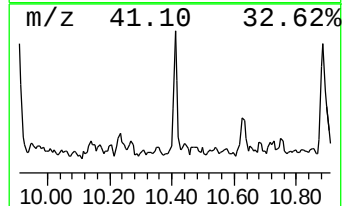
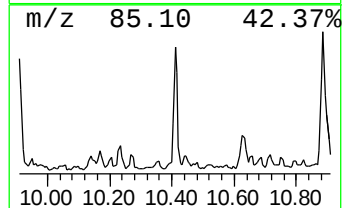
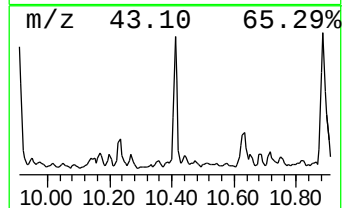
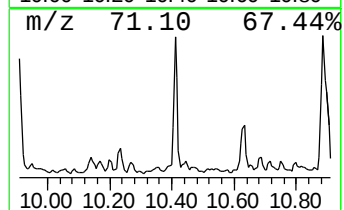
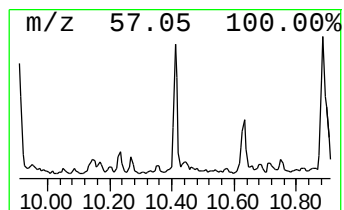
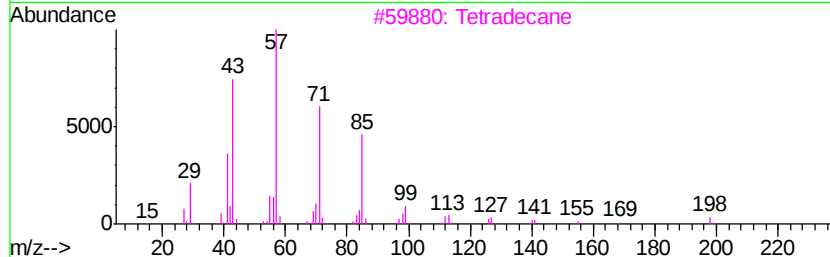
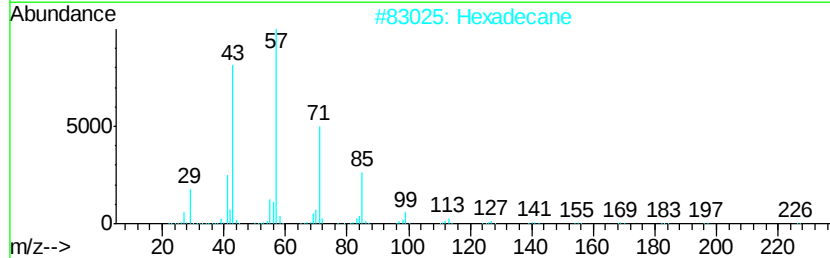
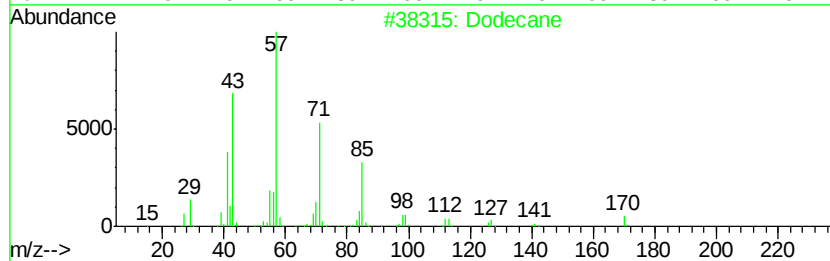
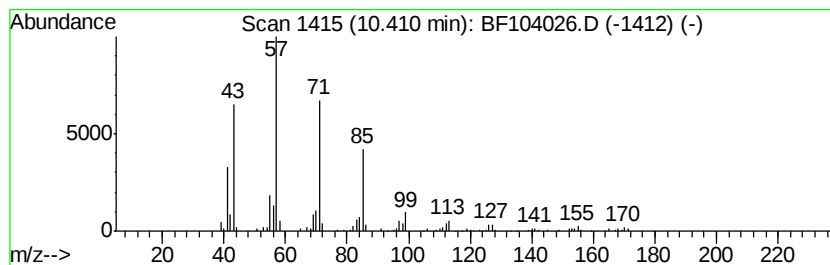
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Peak Number 6 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.41	3.14 ng	150932	Acenaphthene-d10		10.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	86



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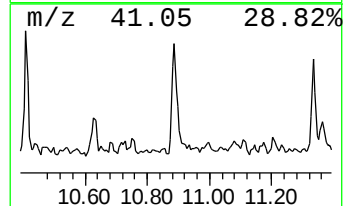
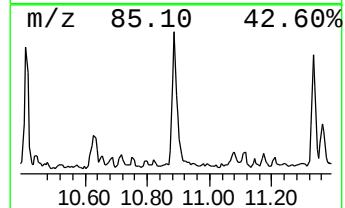
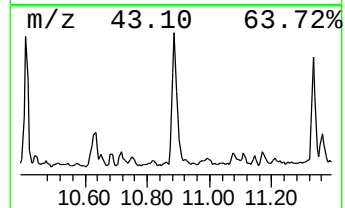
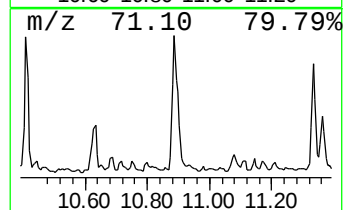
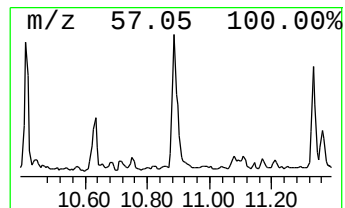
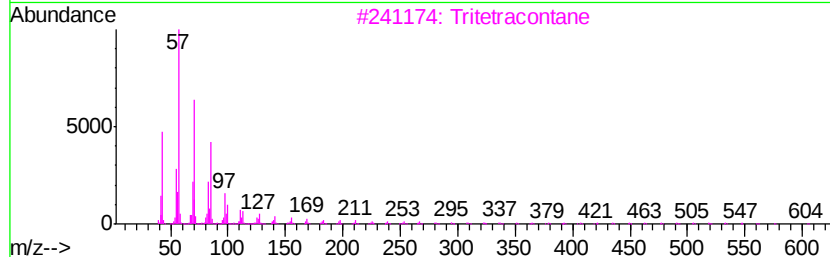
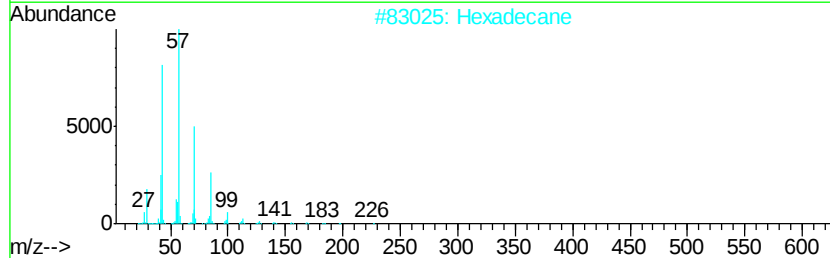
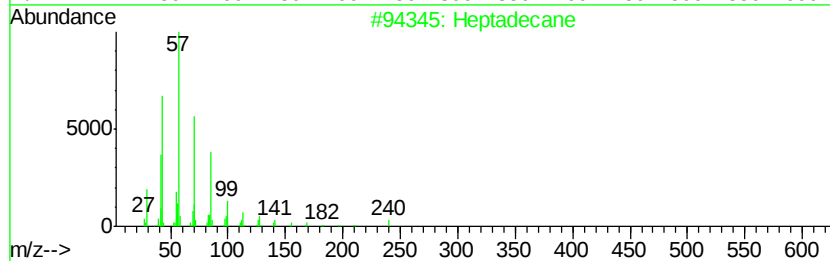
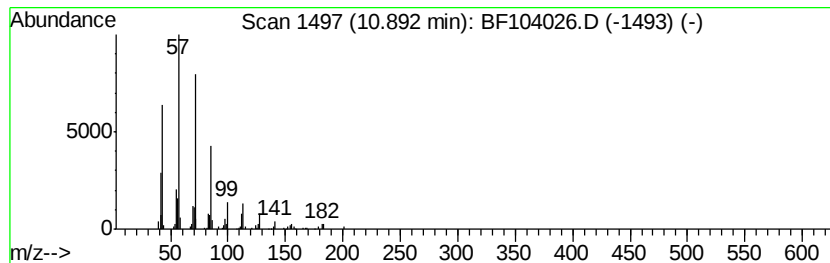
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	6.24 ng	250093	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tritetracontane		605	C43H88	007098-21-7	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104026.D
Acq On : 28 Mar 2018 22:28
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

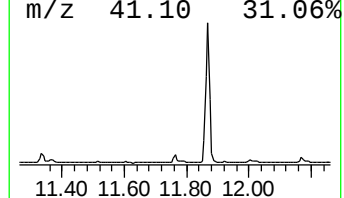
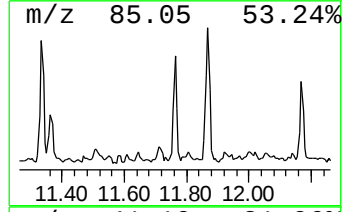
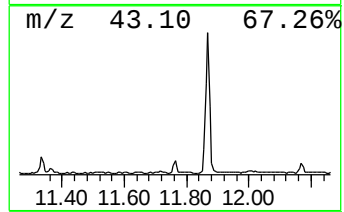
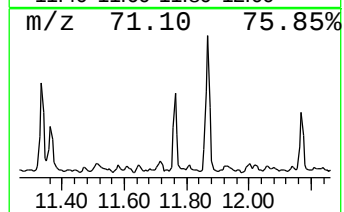
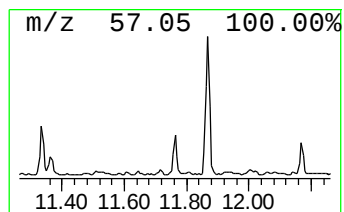
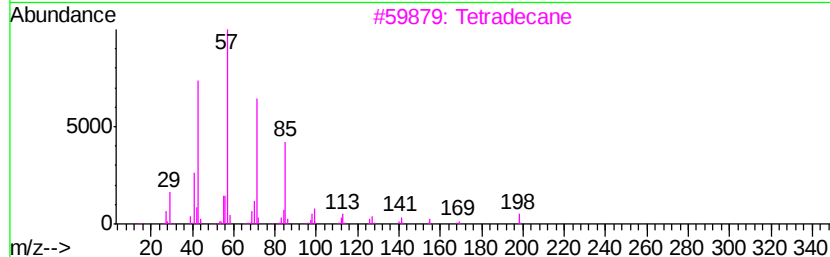
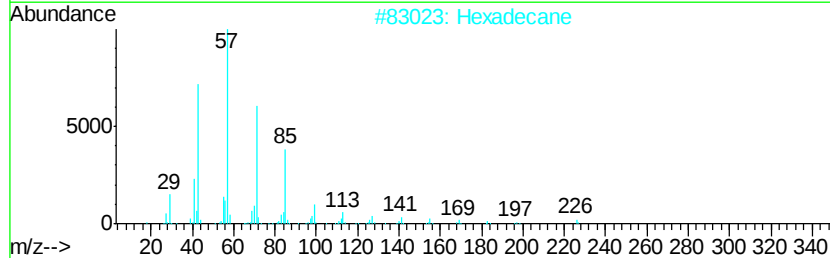
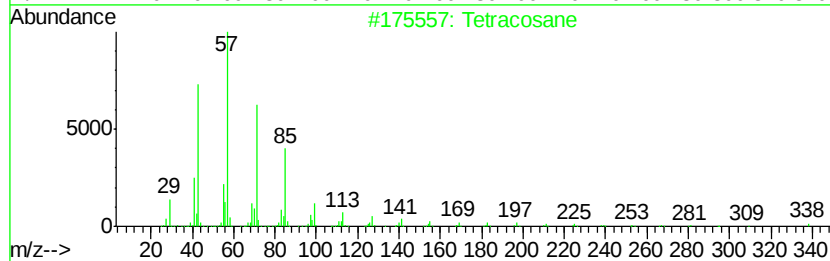
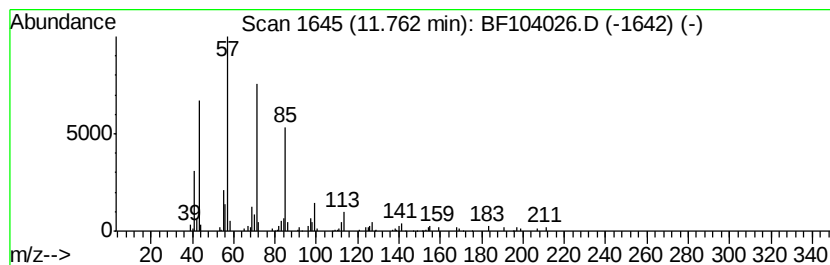
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.30 ng	92265	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Docosane	310	C22H46	000629-97-0	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104026.D
Acq On : 28 Mar 2018 22:28
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
ClientSampleId :
CL-02-032718-B

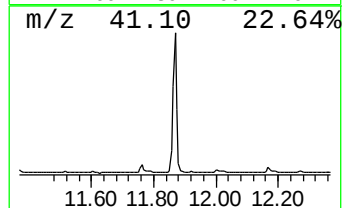
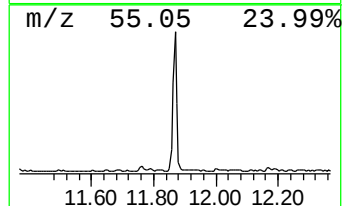
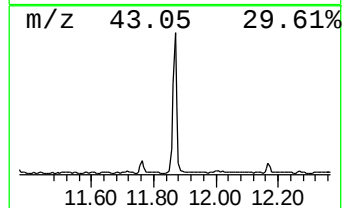
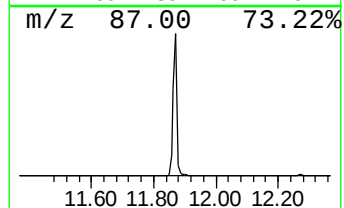
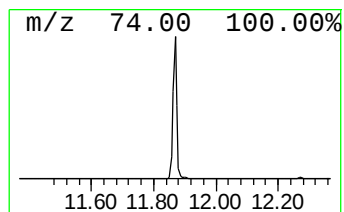
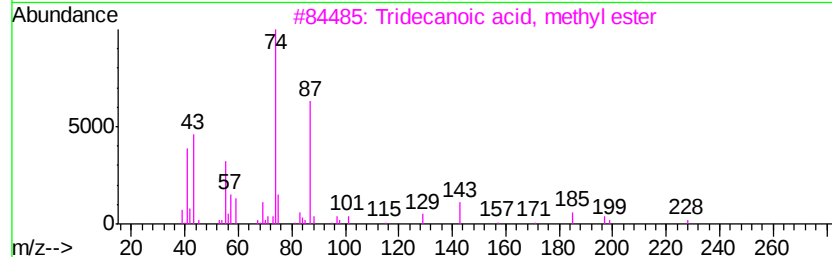
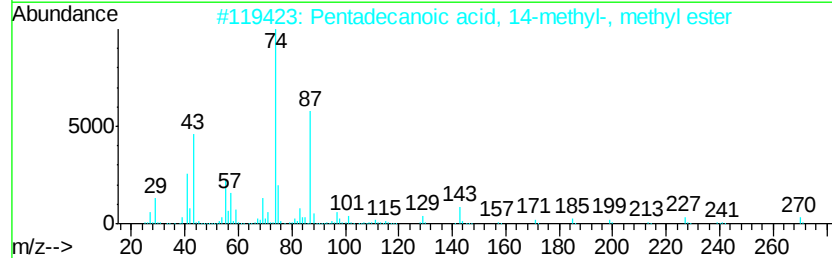
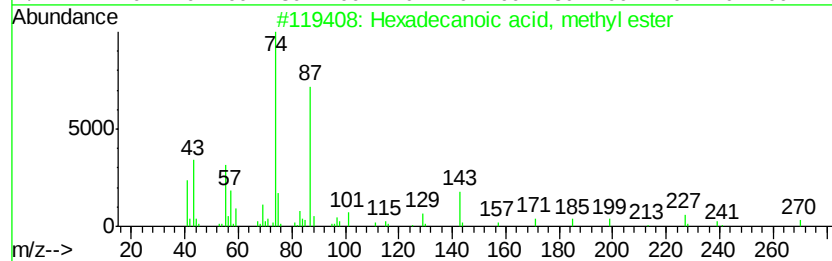
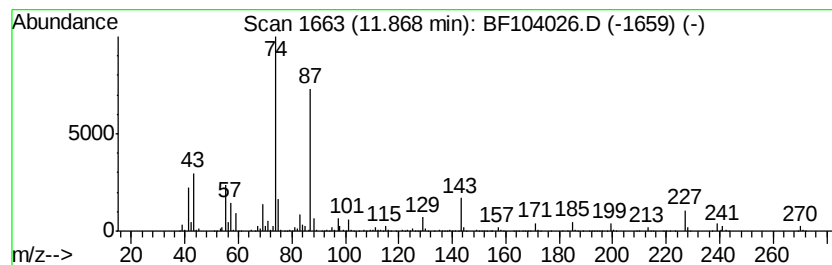
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	59.05 ng	2367590	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
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\BF032818\
Data File : BF104026.D
Acq On : 28 Mar 2018 22:28
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Sample : J1754-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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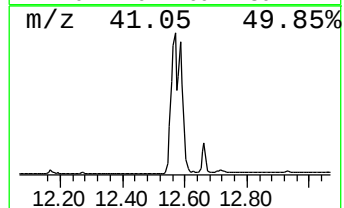
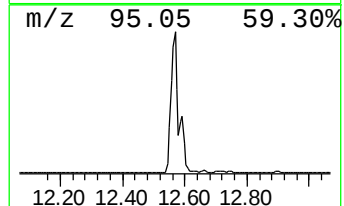
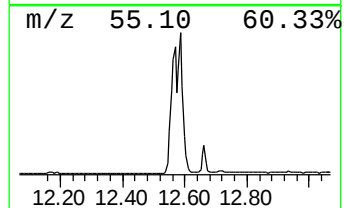
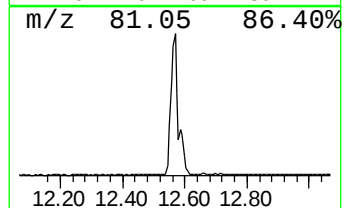
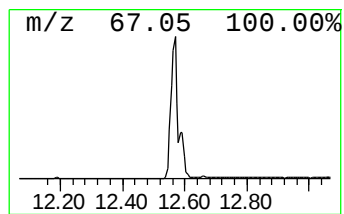
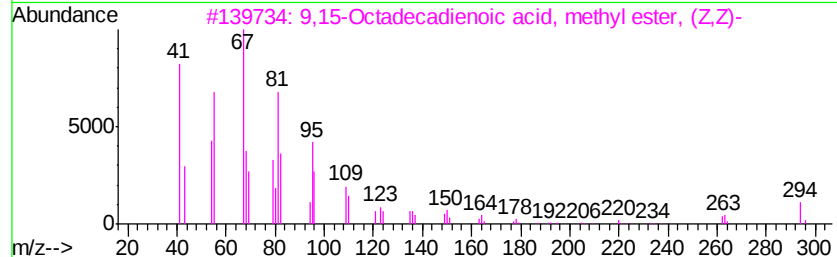
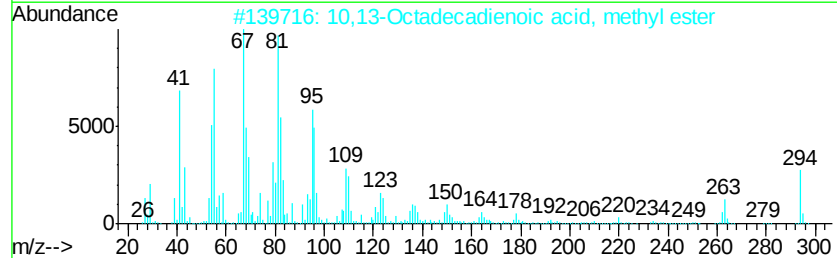
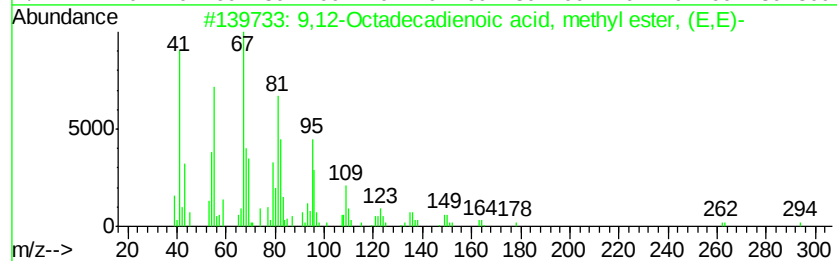
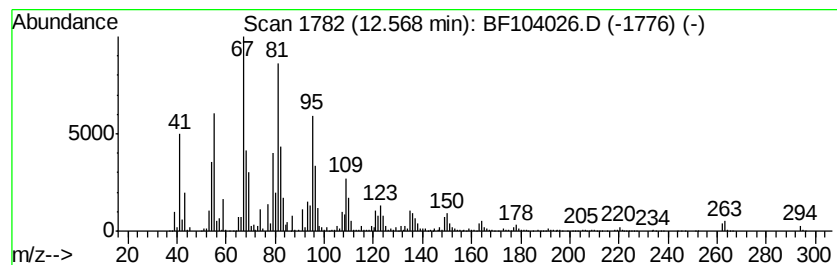
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	192.54 ng	7719710	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3			9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



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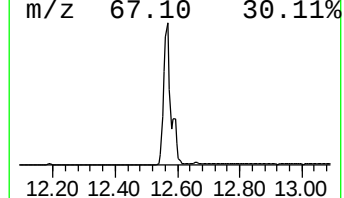
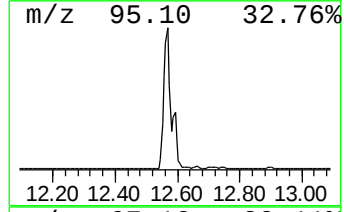
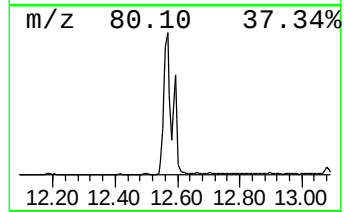
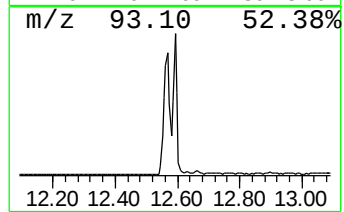
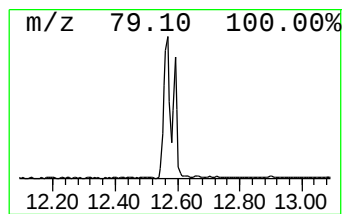
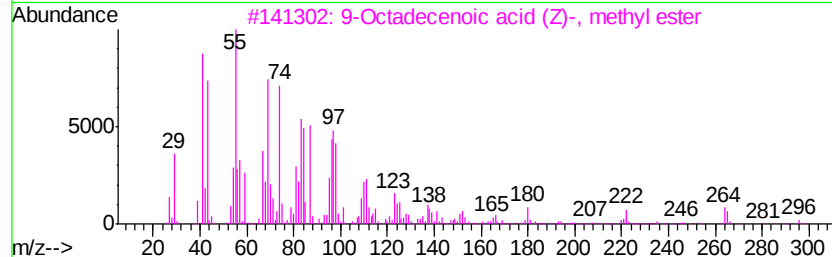
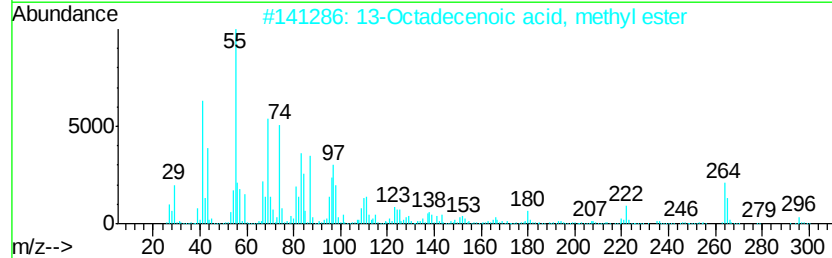
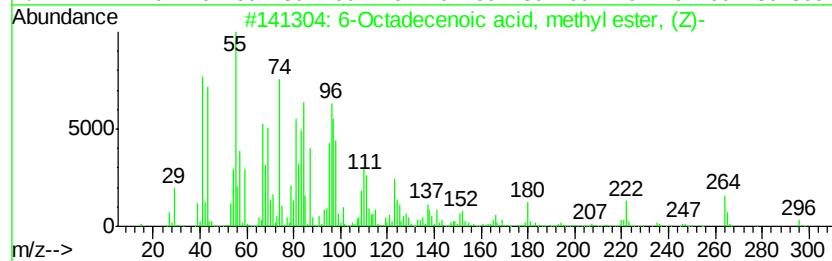
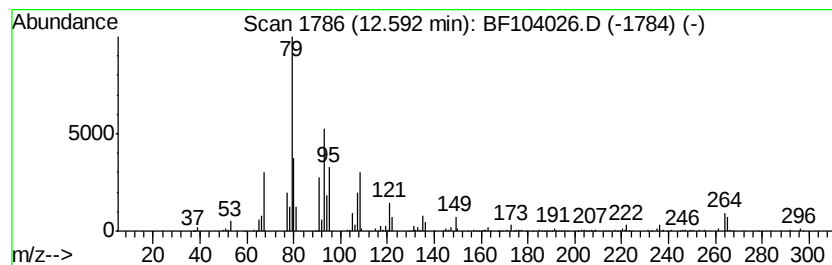
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 6-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	90.86 ng	3642900	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104026.D
Acq On : 28 Mar 2018 22:28
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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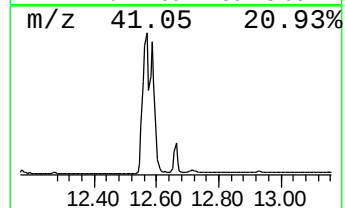
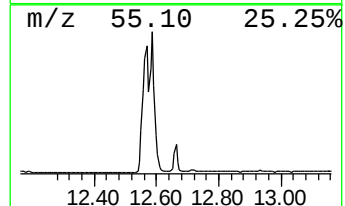
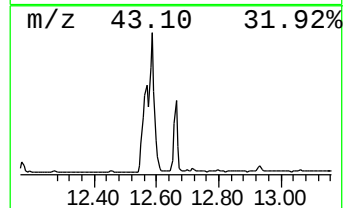
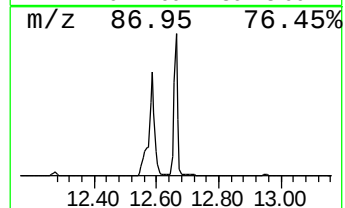
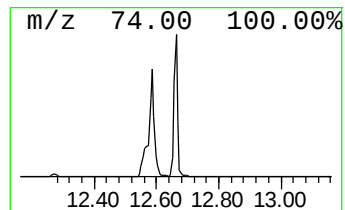
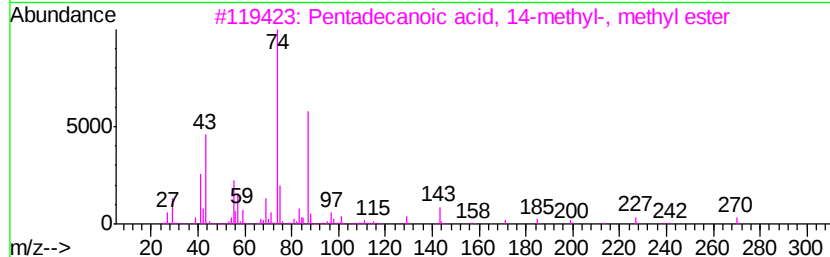
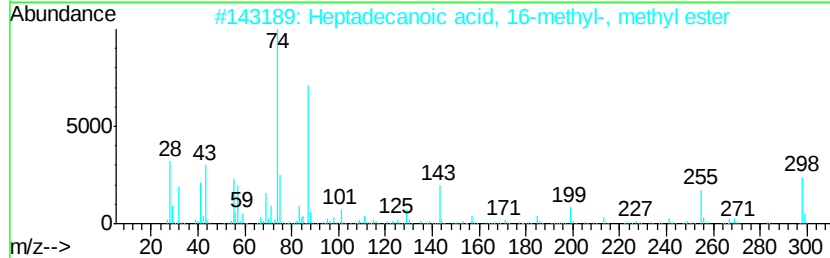
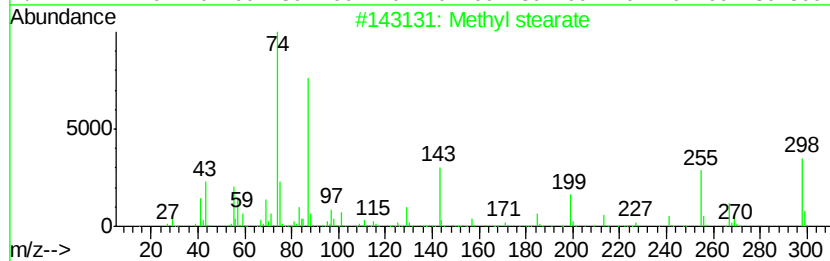
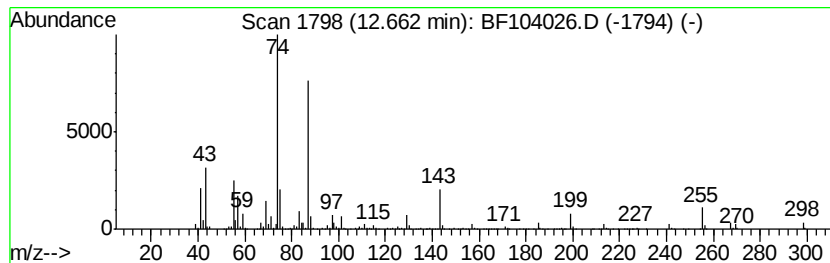
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	25.17 ng	1009030	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	98
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104026.D
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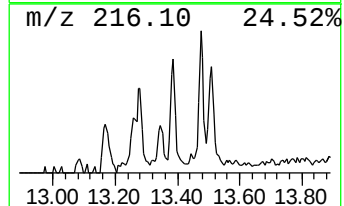
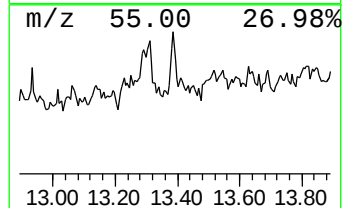
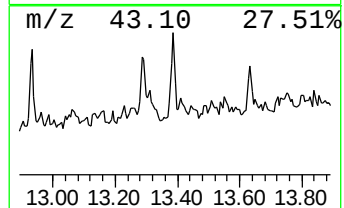
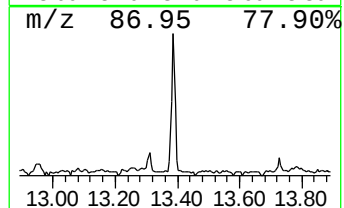
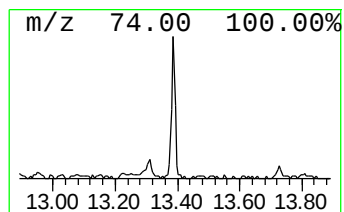
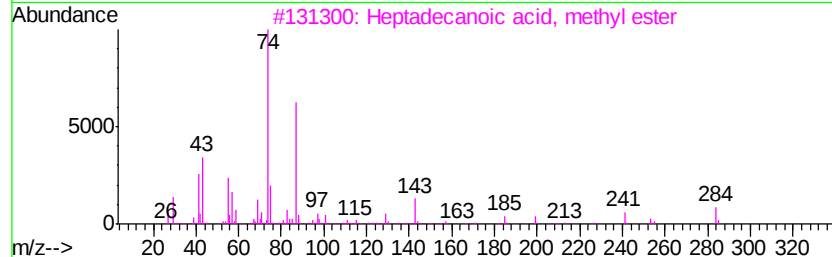
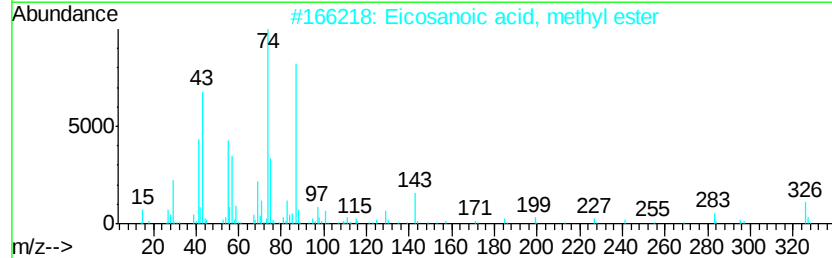
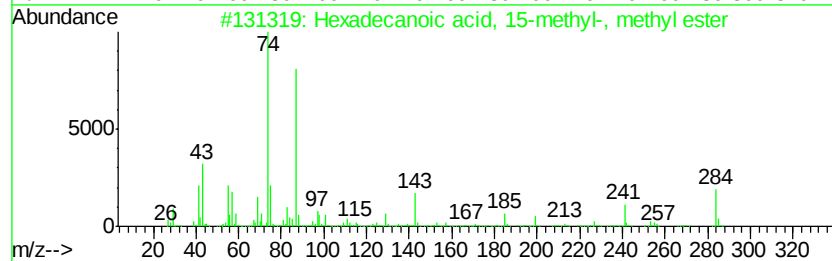
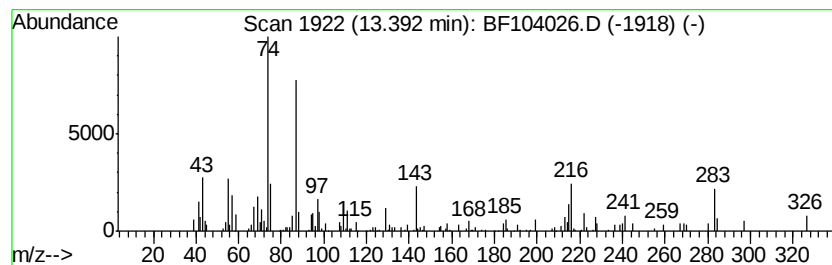
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, 15-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	3.15 ng	105460	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	89
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	83
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	81
4	Methyl stearate	298	C19H38O2	000112-61-8	72
5	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
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Sample : J1754-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-032718-B

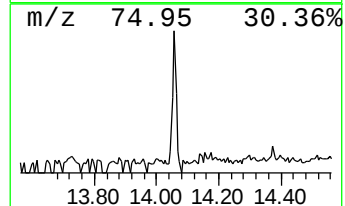
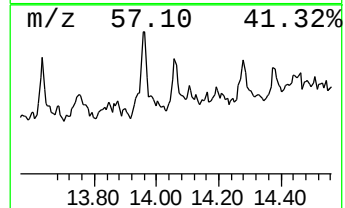
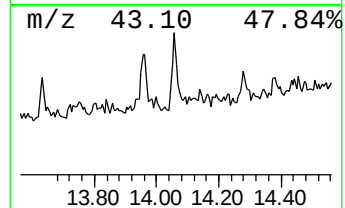
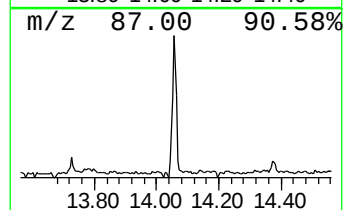
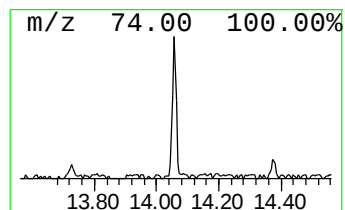
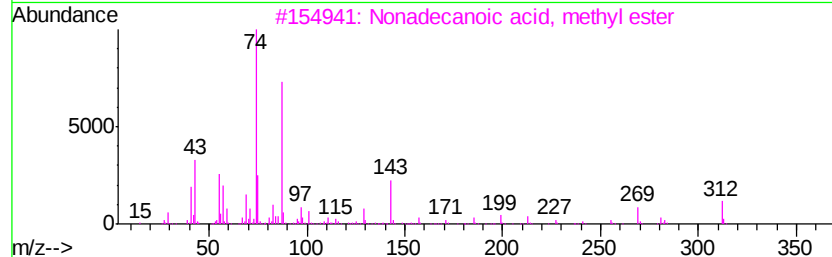
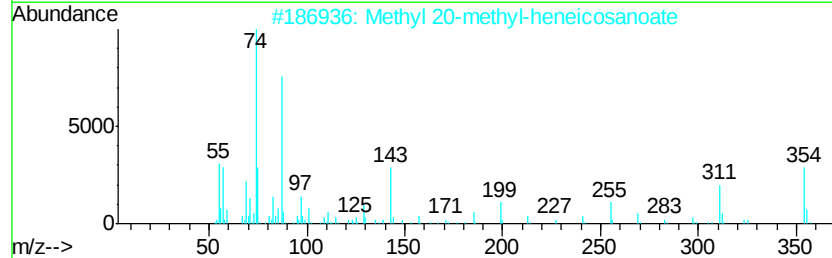
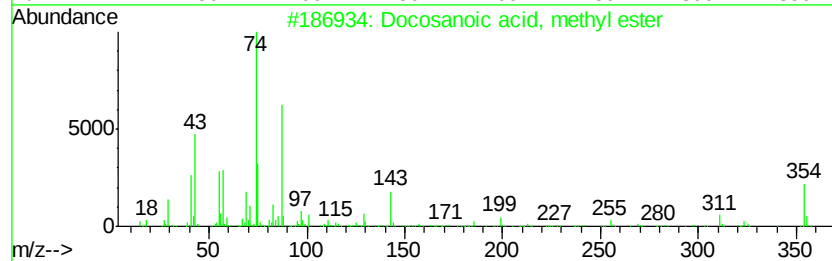
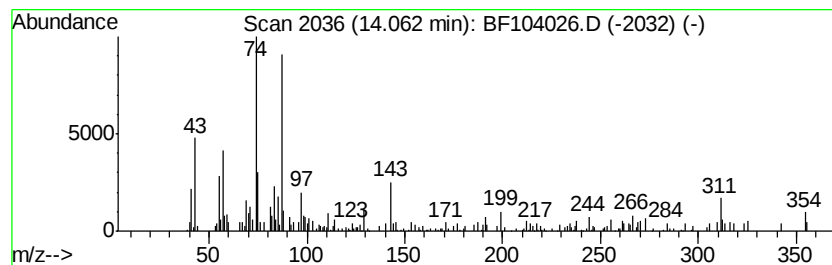
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	3.17 ng	106152	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	94
2		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	94
3		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	86
4		Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	83
5		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104026.D
Acq On : 28 Mar 2018 22:28
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

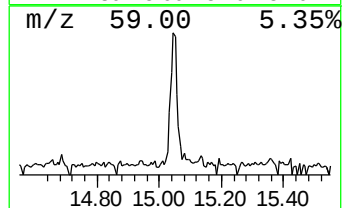
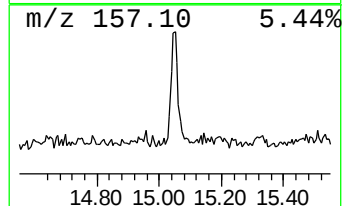
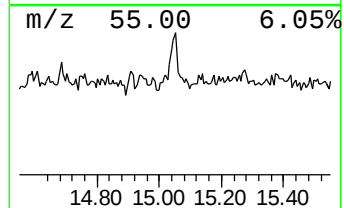
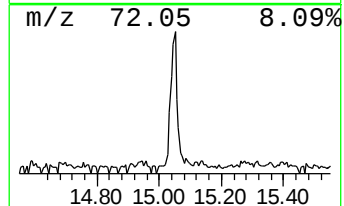
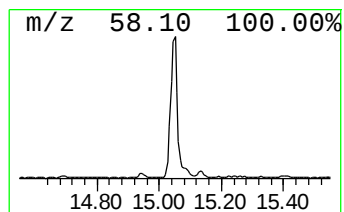
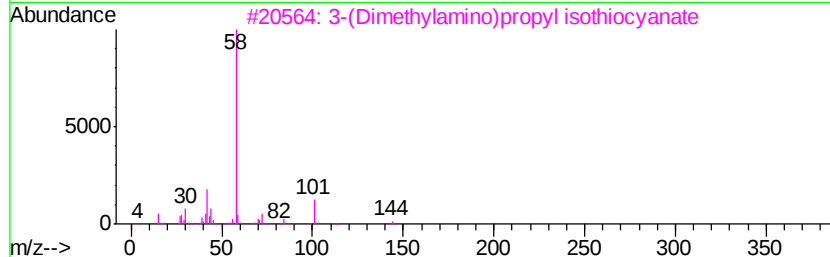
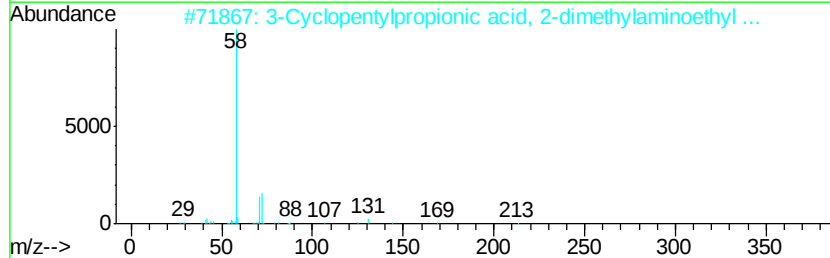
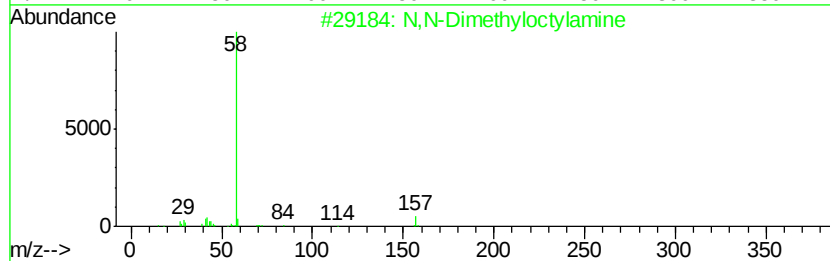
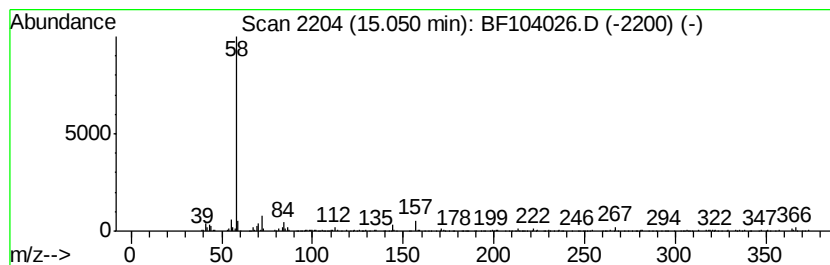
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 N,N-Dimethyloctylamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	10.59 ng	266476	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		3-Cyclopentylpropionic acid, 2-d...	213	C12H23NO2	1000331-24-3	72
3		3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	72
4		Carbonic acid, butyl 2-dimethyla...	189	C9H19NO3	1000331-41-4	64
5		Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104026.D
Acq On : 28 Mar 2018 22:28
Operator : JU/SJ
Sample : J1754-13 5X
Misc :
ALS Vial : 20 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
unknown6.74	6.74	18.5	ng	591667	1	6.97	640790	20.0
Hexadecane	9.38	2.2	ng	106799	3	10.00	961086	20.0
unknown9.70	9.70	2.1	ng	101565	3	10.00	961086	20.0
Tetradecane	9.91	2.6	ng	127295	3	10.00	961086	20.0
Dodecane	10.41	3.1	ng	150932	3	10.00	961086	20.0
Heptadecane	10.89	6.2	ng	250093	4	11.50	801869	20.0
Tetracosane	11.76	2.3	ng	92265	4	11.50	801869	20.0
Hexadecanoic acid...	11.87	59.0	ng	2367590	4	11.50	801869	20.0
9,12-Octadecadien...	12.57	192.5	ng	7719710	4	11.50	801869	20.0
6-Octadecenoic ac...	12.59	90.9	ng	3642900	4	11.50	801869	20.0
Methyl stearate	12.66	25.2	ng	1009030	4	11.50	801869	20.0
Hexadecanoic acid...	13.39	3.1	ng	105460	5	14.15	669758	20.0
Docosanoic acid, ...	14.06	3.2	ng	106152	5	14.15	669758	20.0
N,N-Dimethyloctyl...	15.05	10.6	ng	266476	6	15.70	503498	20.0