

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104459.D
 Acq On : 12 Apr 2018 18:56
 Operator : JU/SJ
 Sample : J2162-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-041118-C

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-BF040618.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	5.410	561	565	569	rVB	621137	517283	3.15%	1.155%
2	6.434	735	739	745	rVB	578843	526284	3.21%	1.175%
3	6.575	759	763	766	rVB	679316	562696	3.43%	1.256%
4	6.810	799	803	806	rVB	862792	693638	4.23%	1.549%
5	6.963	824	829	832	rBV	585369	461183	2.81%	1.030%
6	7.369	895	898	901	rVV	417381	351861	2.15%	0.786%
7	7.404	901	904	907	rVB	285610	224333	1.37%	0.501%
8	8.069	1015	1017	1019	rVV	435431	424946	2.59%	0.949%
9	8.092	1019	1021	1024	rVV	1111362	925799	5.65%	2.067%
10	8.145	1027	1030	1033	rVB2	146733	175274	1.07%	0.391%
11	8.380	1065	1070	1075	rVV5	149032	213485	1.30%	0.477%
12	8.598	1103	1107	1109	rBV	260593	215818	1.32%	0.482%
13	8.680	1118	1121	1125	rBV	654290	519197	3.17%	1.159%
14	9.045	1179	1183	1187	rVB3	123175	182357	1.11%	0.407%
15	9.169	1200	1204	1208	rVB	741434	632517	3.86%	1.412%
16	9.245	1214	1217	1220	rBV	694137	581169	3.54%	1.298%
17	9.569	1268	1272	1274	rVV5	257108	330912	2.02%	0.739%
18	9.775	1304	1307	1312	rVV	625699	569675	3.47%	1.272%
19	9.851	1316	1320	1323	rVB	1048995	894872	5.46%	1.998%
20	10.098	1359	1362	1366	rBV3	147031	191896	1.17%	0.429%
21	10.274	1389	1392	1395	rVB	607700	525083	3.20%	1.173%
22	10.498	1425	1430	1435	rVB	207605	286572	1.75%	0.640%
23	10.639	1451	1454	1457	rVB	321857	273450	1.67%	0.611%
24	10.751	1470	1473	1482	rVB	687999	757673	4.62%	1.692%
25	11.198	1546	1549	1552	rBV	476887	428767	2.61%	0.957%
26	11.227	1552	1554	1560	rVB2	208569	252602	1.54%	0.564%
27	11.339	1569	1573	1575	rBV	910995	763626	4.66%	1.705%
28	11.363	1575	1577	1581	rVV	311128	281109	1.71%	0.628%
29	11.627	1619	1622	1625	rBV	427432	343118	2.09%	0.766%
30	11.739	1636	1641	1644	rBV	5327994	6361549	38.80%	14.205%
31	12.039	1688	1692	1697	rBV	293025	349407	2.13%	0.780%
32	12.451	1753	1762	1764	rBV3	5810999	16396599	100.00%	36.613%
33	12.533	1772	1776	1779	rBV	3507524	3175950	19.37%	7.092%
34	12.557	1779	1780	1784	rVB	275416	168083	1.03%	0.375%

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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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.792	1817	1820	1828	rVB2	312503	471478	2.88%	1.053%
36	12.933	1840	1844	1847	rBV	500730	431075	2.63%	0.963%
37	13.174	1883	1885	1890	rVB2	305130	317908	1.94%	0.710%
38	13.251	1895	1898	1901	rBV	366528	305412	1.86%	0.682%
39	13.921	2009	2012	2016	rVB	382777	319259	1.95%	0.713%
40	13.986	2018	2023	2026	rBV2	782821	827071	5.04%	1.847%
41	14.439	2096	2100	2107	rBV6	203543	346616	2.11%	0.774%
42	14.545	2116	2118	2126	rVB3	141168	173248	1.06%	0.387%
43	14.880	2170	2175	2185	rVB	941479	1465975	8.94%	3.274%
44	15.451	2268	2272	2280	rBV	409262	566256	3.45%	1.264%

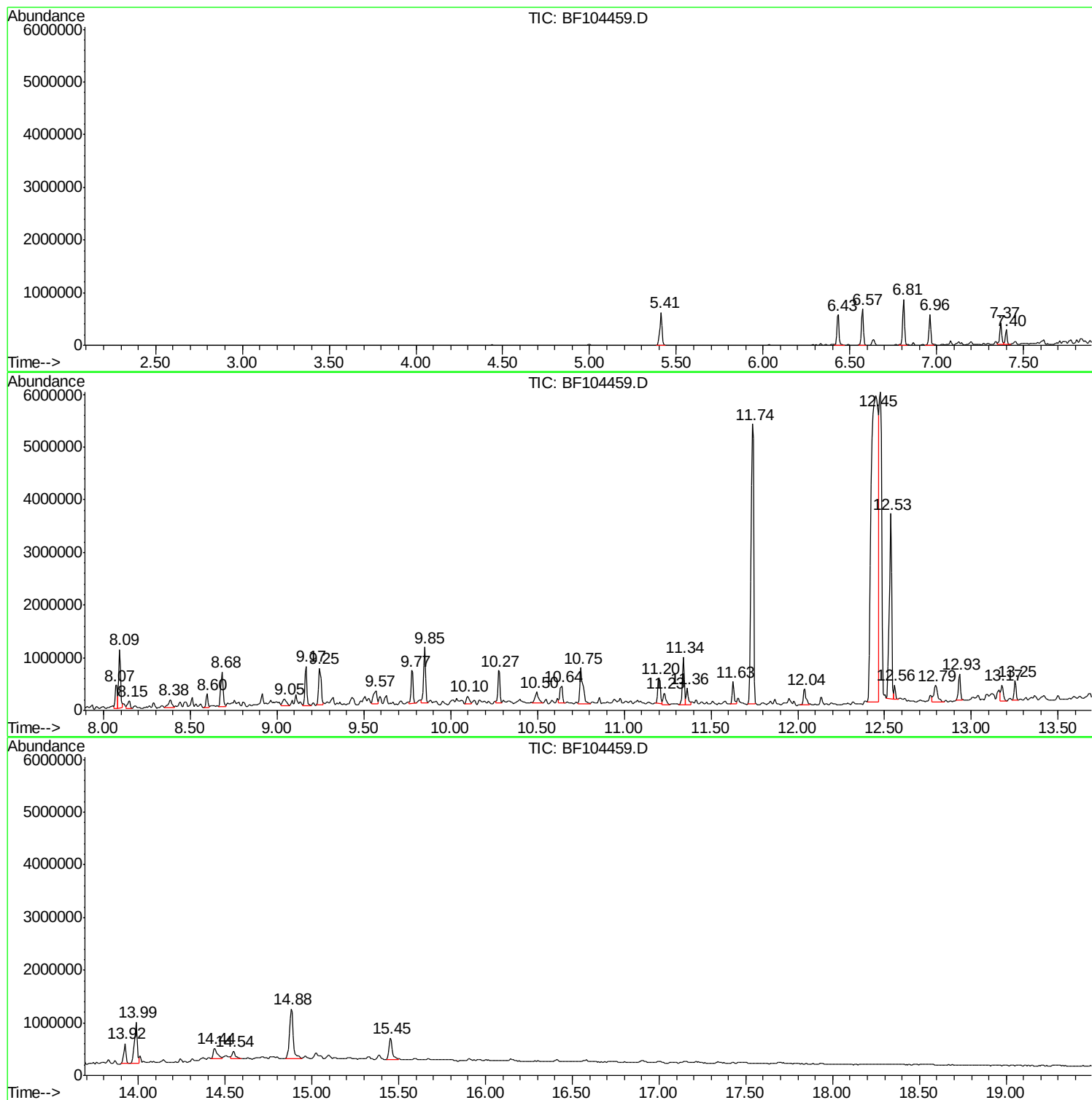
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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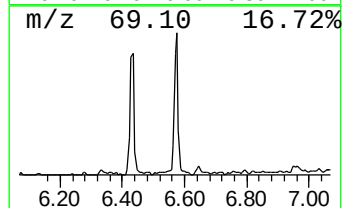
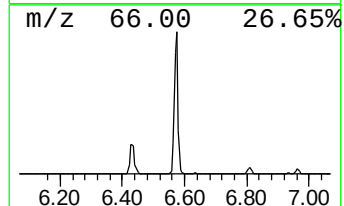
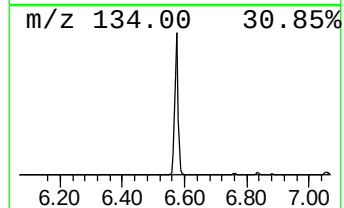
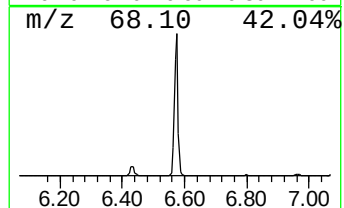
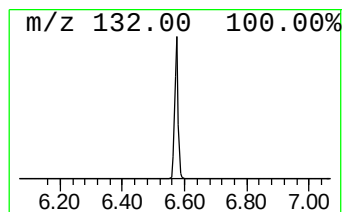
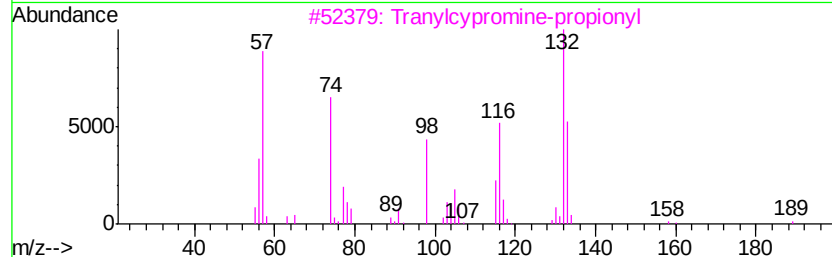
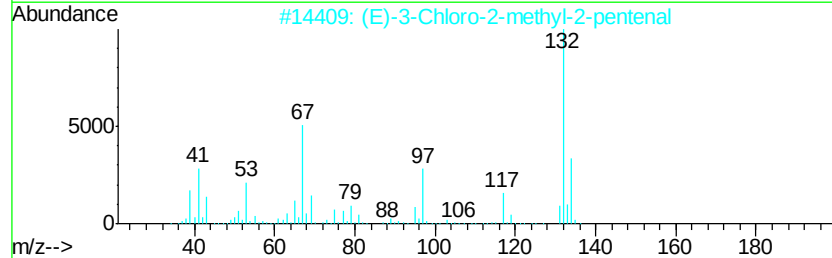
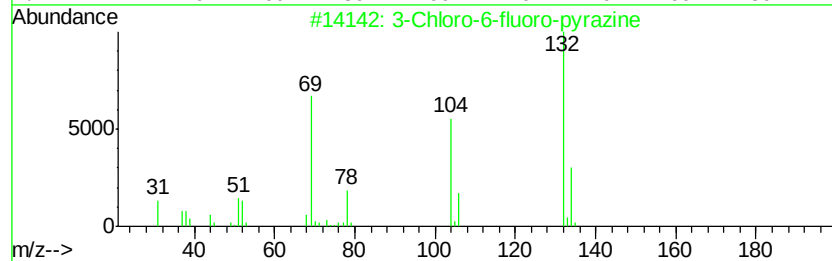
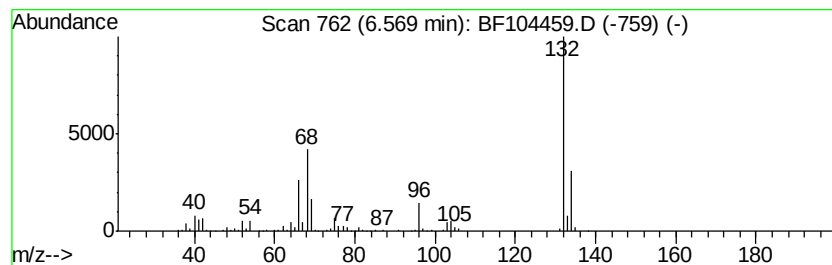
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	16.22 ng	562696	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Xenon	132	Xe	007440-63-3	9



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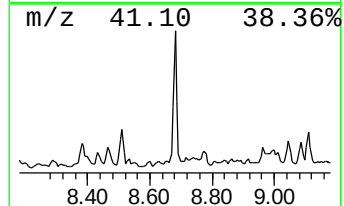
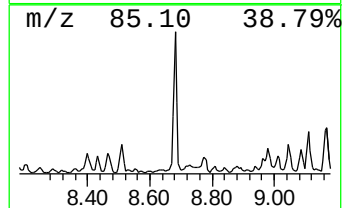
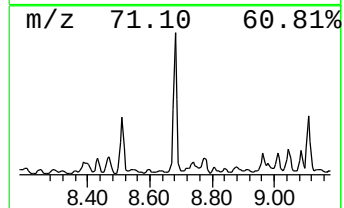
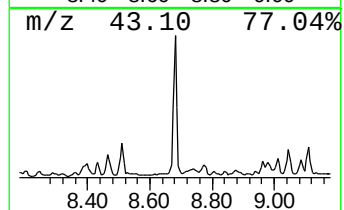
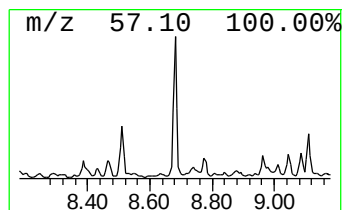
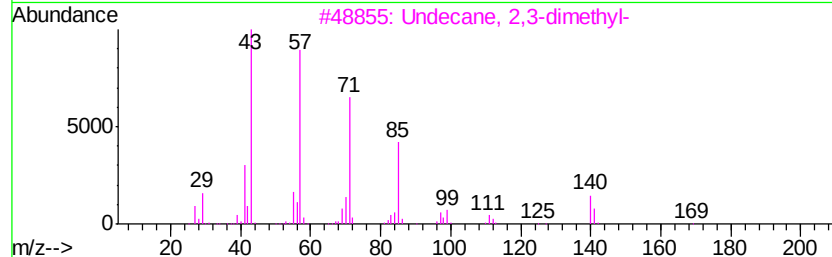
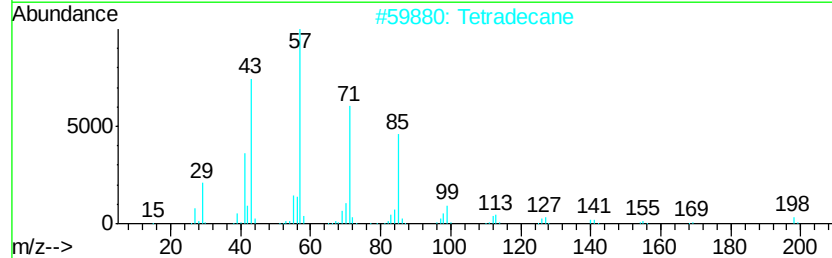
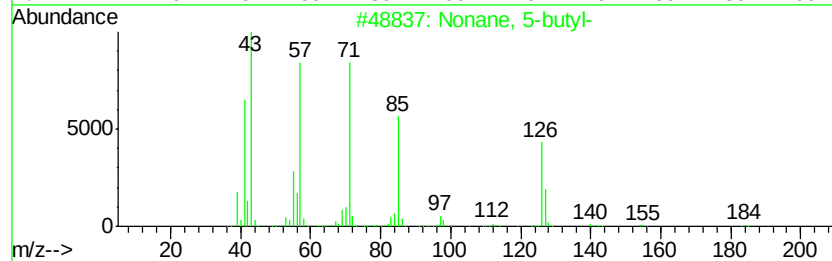
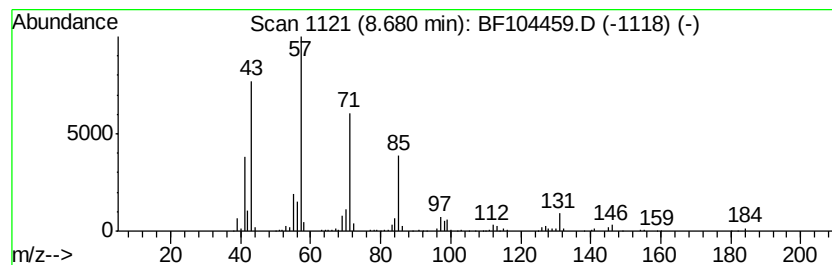
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	11.22 ng	519197	Naphthalene-d8	8.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 5-butyl-	184 C13H28	017312-63-9	90
2	Tetradecane	198 C14H30	000629-59-4	72
3	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	72
4	Tridecane	184 C13H28	000629-50-5	70
5	Decane, 3-bromo-	220 C10H21Br	030571-71-2	64



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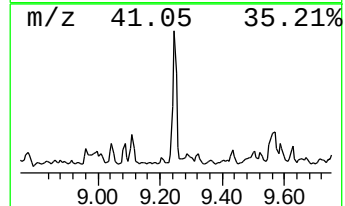
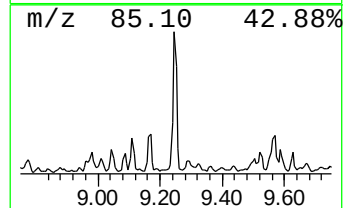
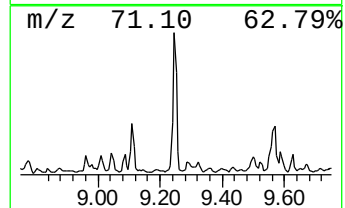
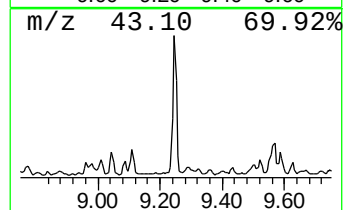
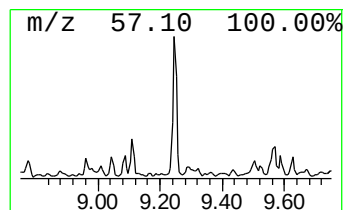
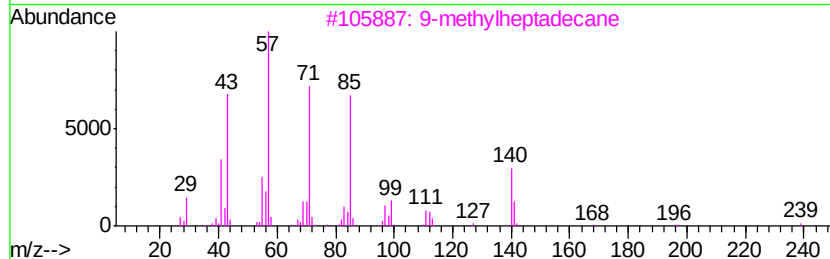
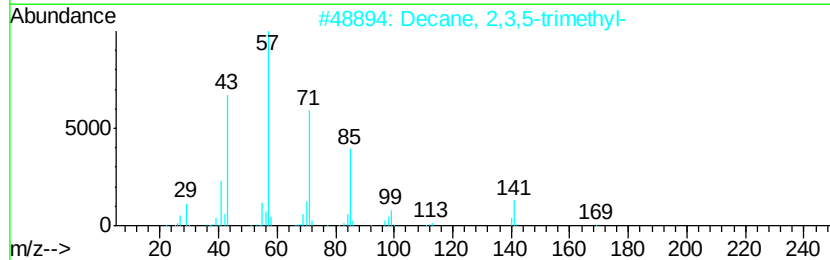
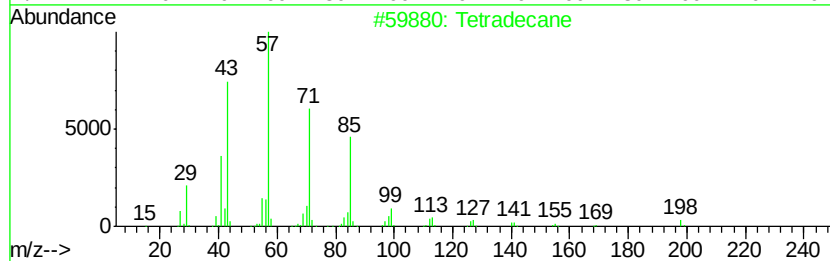
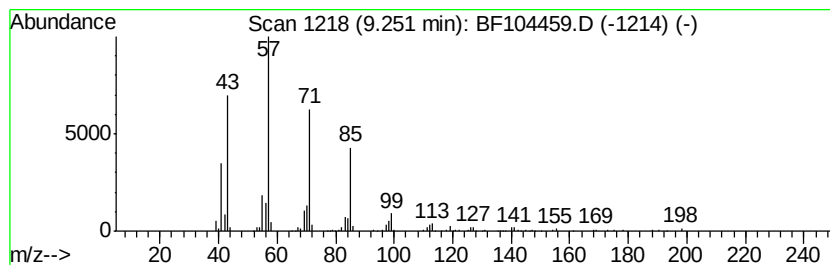
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	12.99 ng	581169	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		9-methylheptadecane	254	C18H38	026741-18-4	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5		Hexadecane	226	C16H34	000544-76-3	72



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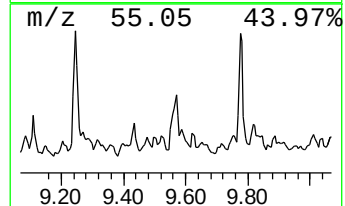
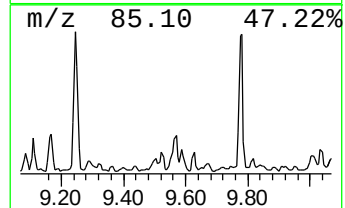
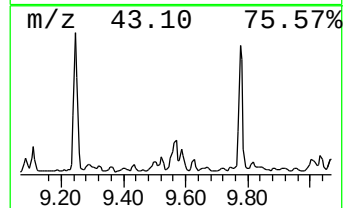
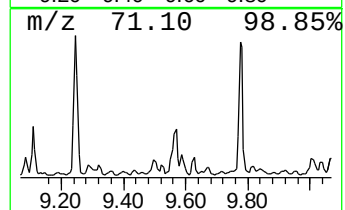
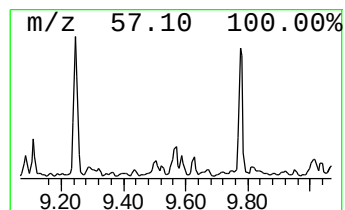
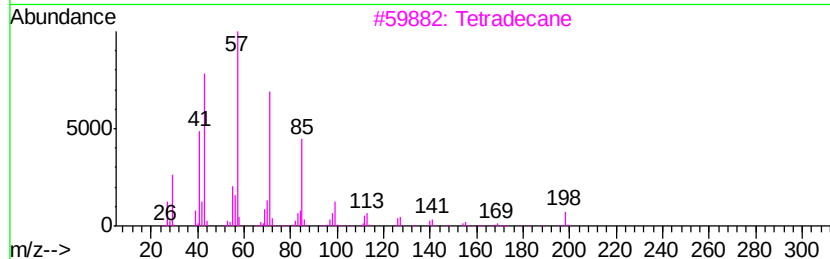
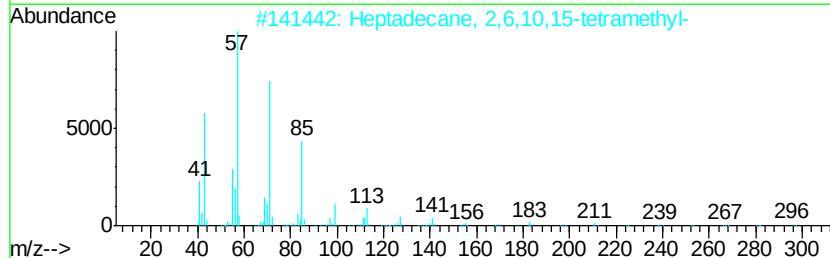
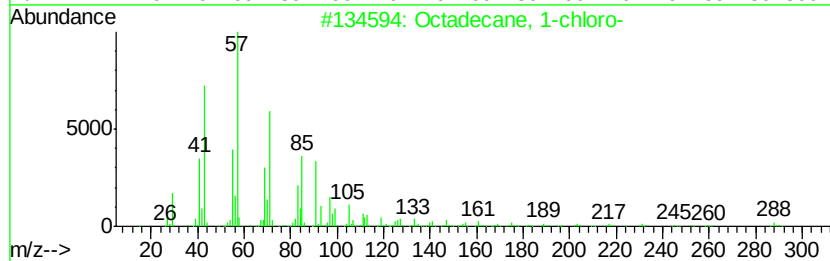
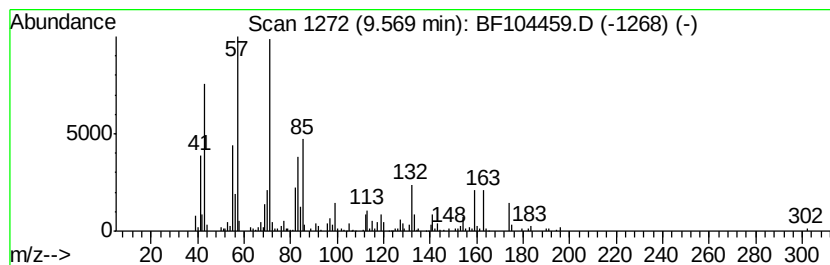
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecane, 1-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	7.40 ng	330912	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
3		Tetradecane	198	C14H30	000629-59-4	46
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	43
5		Hexadecane	226	C16H34	000544-76-3	43



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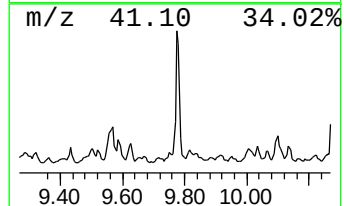
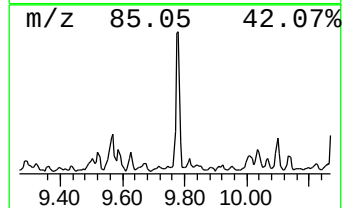
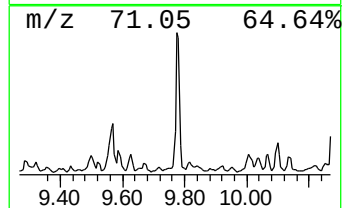
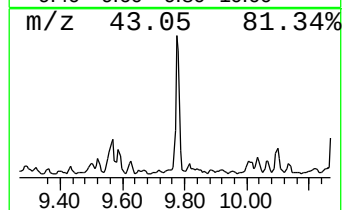
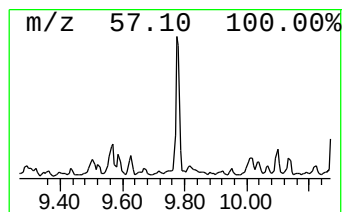
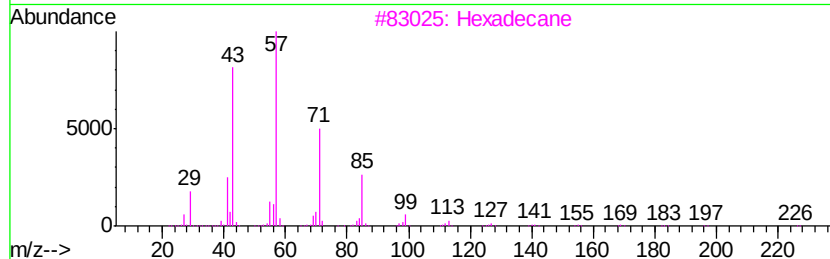
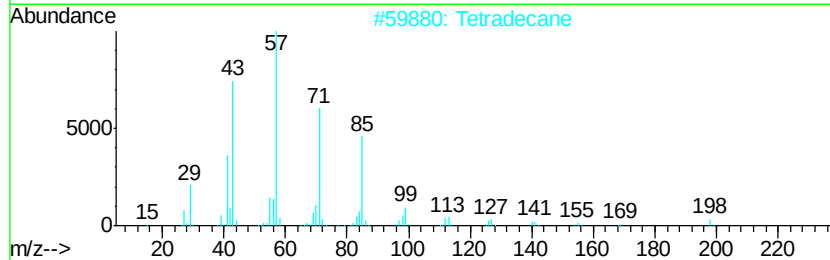
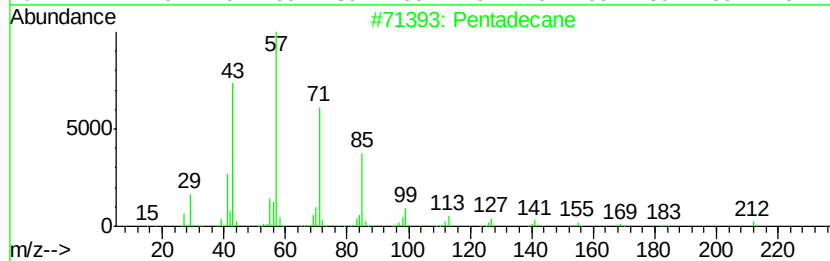
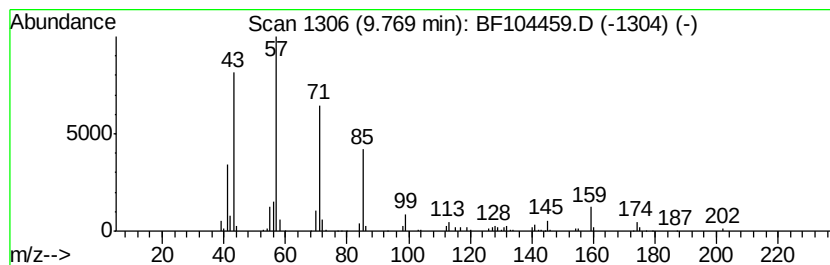
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	12.73 ng	569675	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	91
2	Tetradecane		198	C14H30	000629-59-4	86
3	Hexadecane		226	C16H34	000544-76-3	80
4	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	78
5	Nonadecane		268	C19H40	000629-92-5	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-041118-C

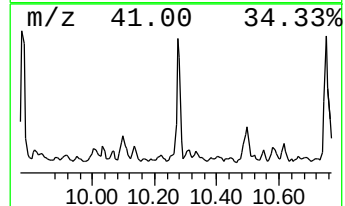
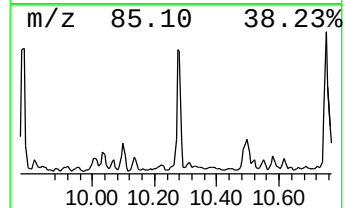
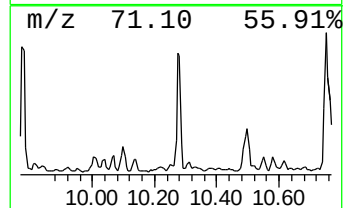
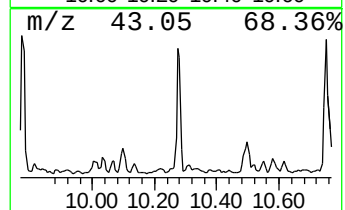
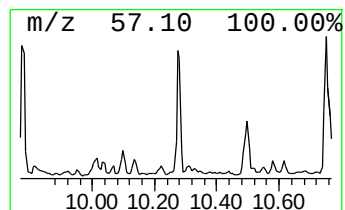
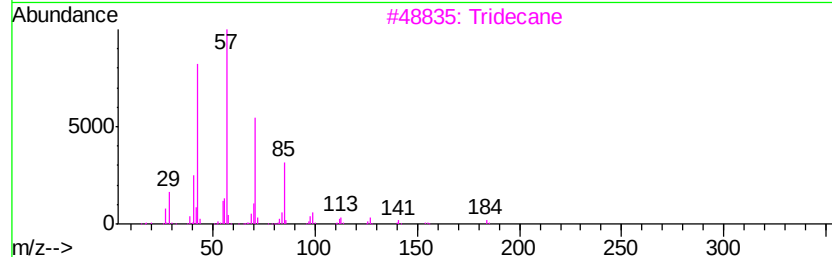
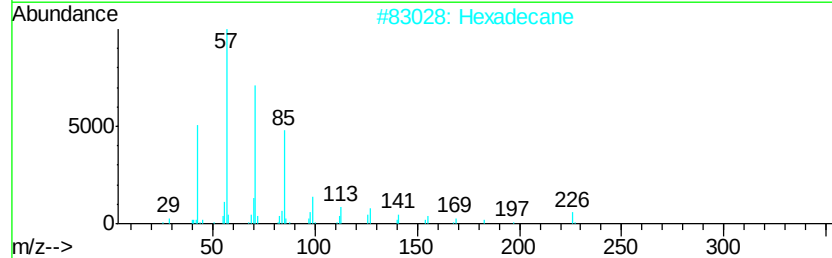
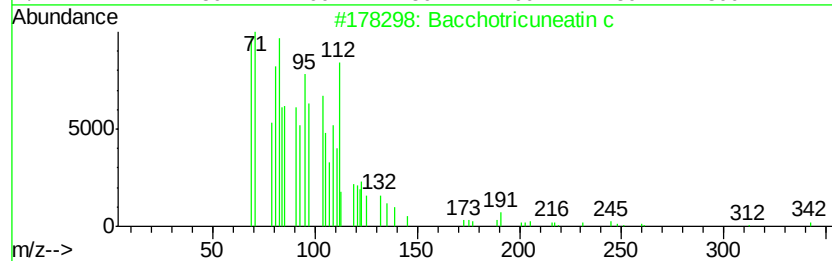
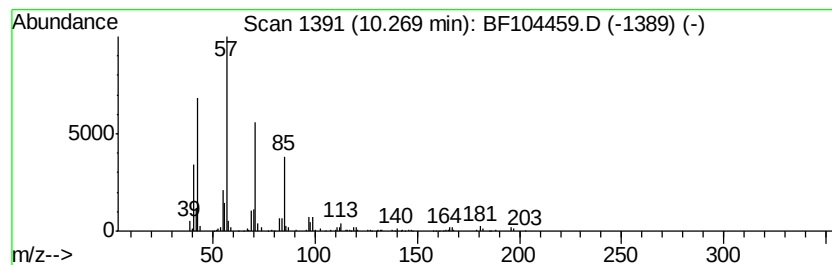
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	11.74 ng	525083	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Hexadecane	226	C16H34	000544-76-3	95
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041218\
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Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

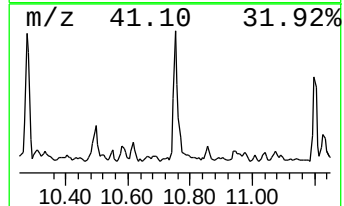
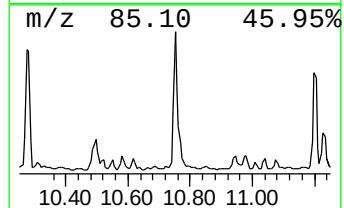
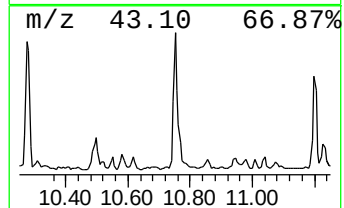
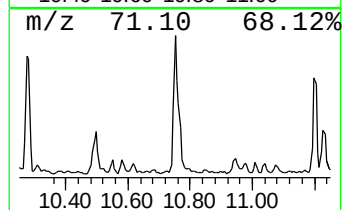
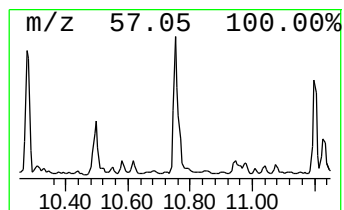
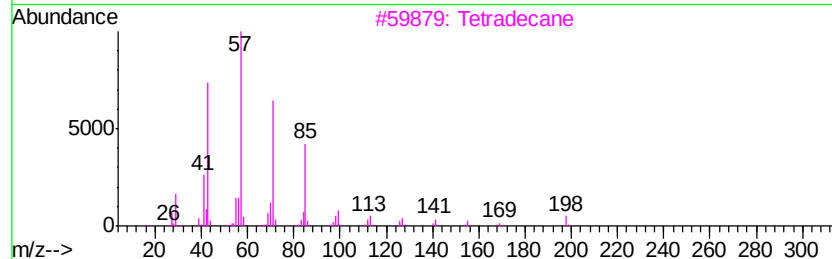
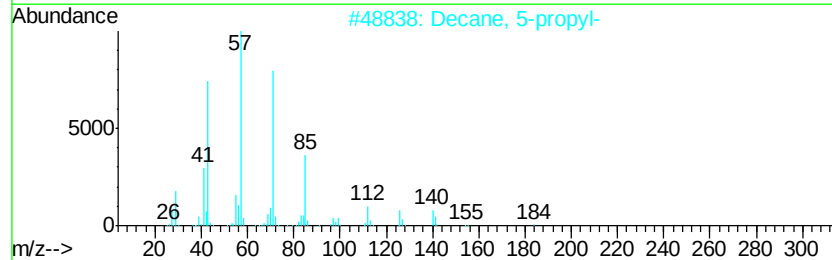
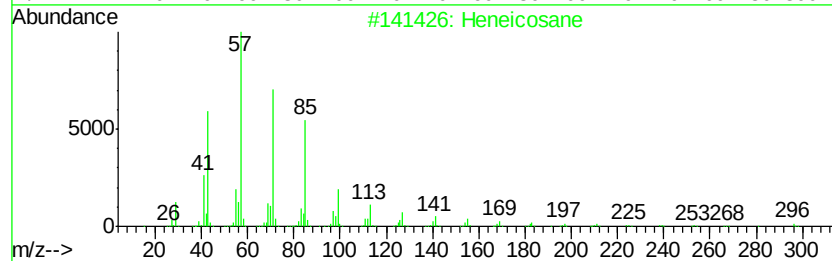
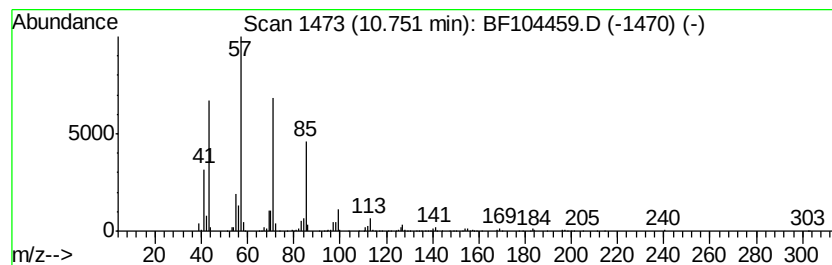
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ClientSampleId :
EO-01-041118-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.75	19.84 ng	757673	Phenanthrene-d10		11.34	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Decane, 5-propyl-		184	C13H28	017312-62-8	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	3,5-Dimethyldodecane		198	C14H30	107770-99-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-041118-C

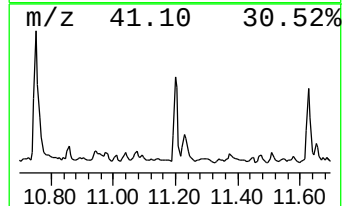
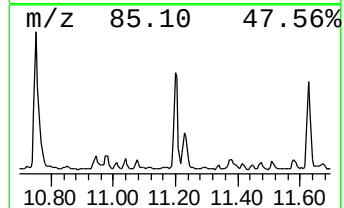
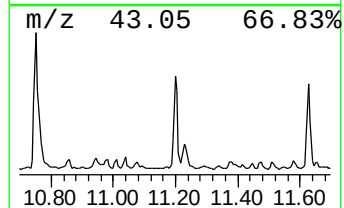
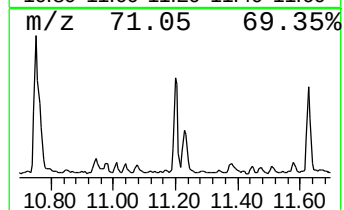
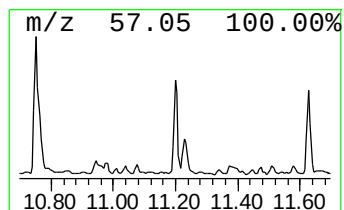
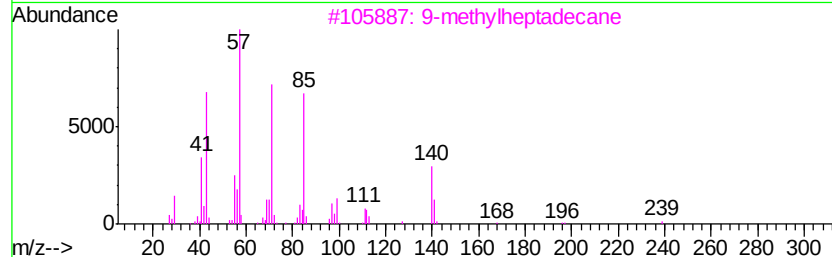
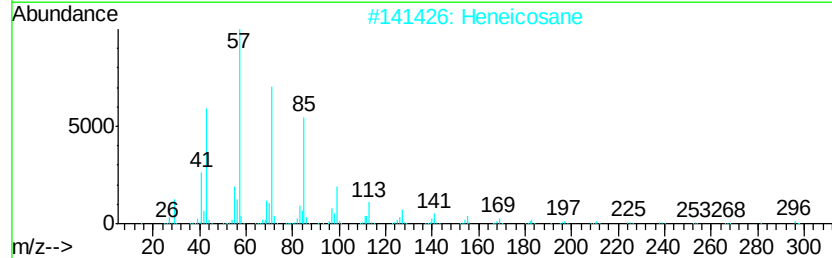
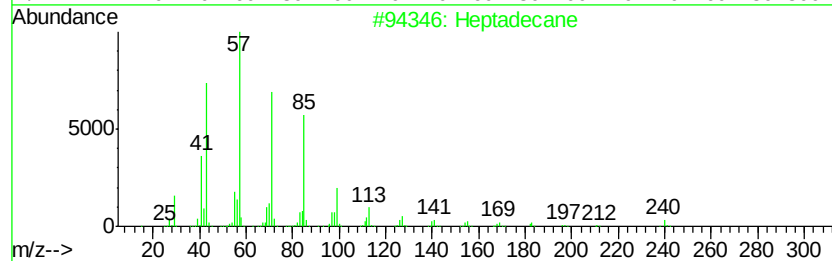
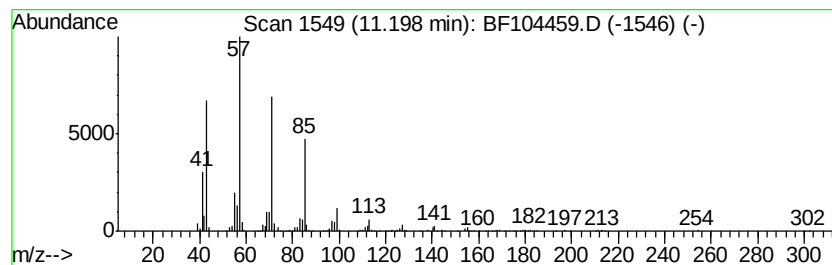
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	11.23 ng	428767	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	9-methylheptadecane		254	C18H38	026741-18-4	90
4	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	86
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-041118-C

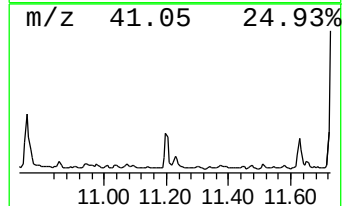
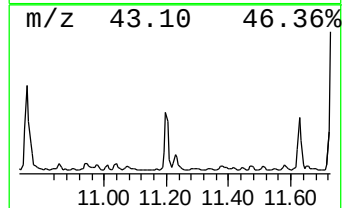
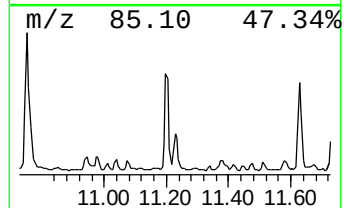
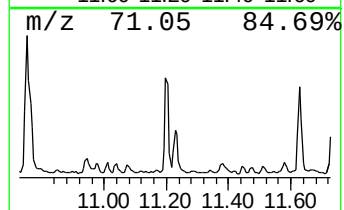
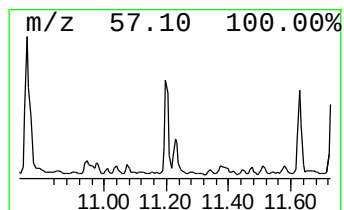
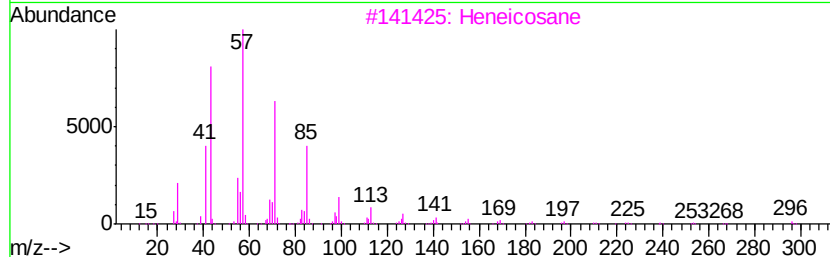
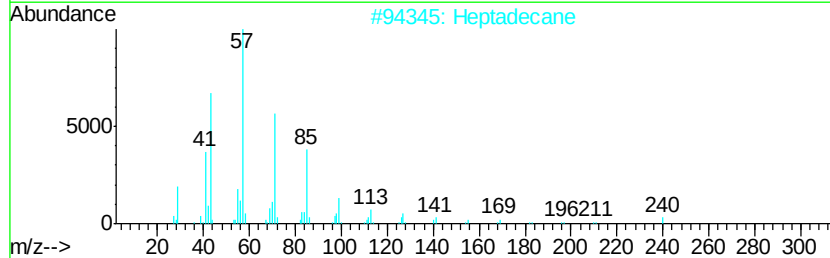
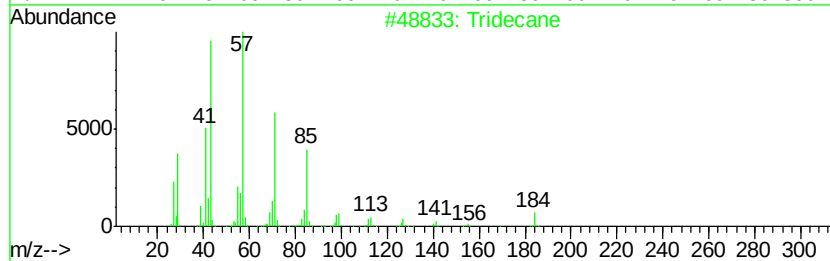
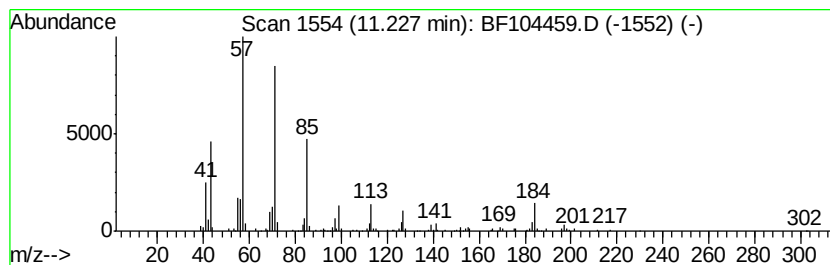
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	6.62 ng	252602	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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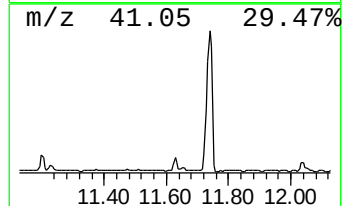
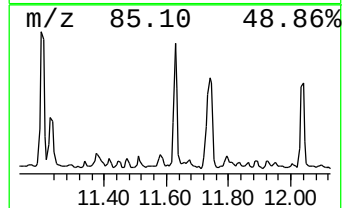
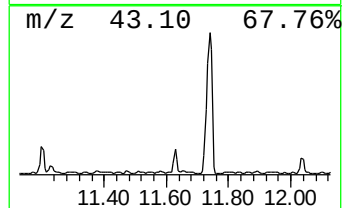
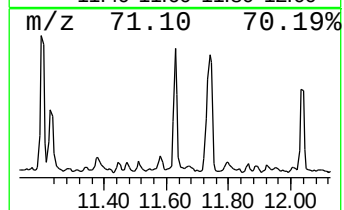
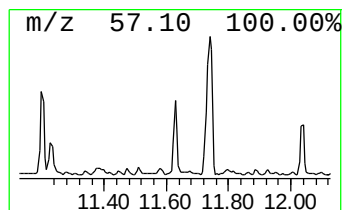
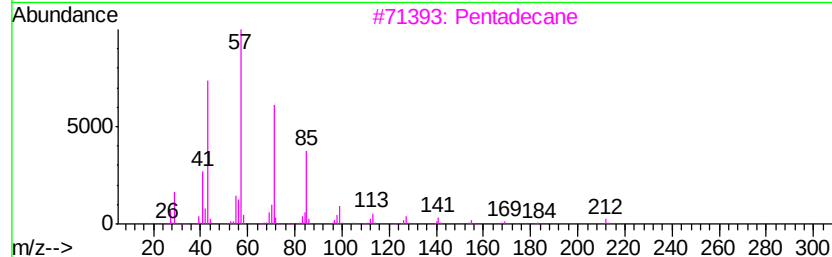
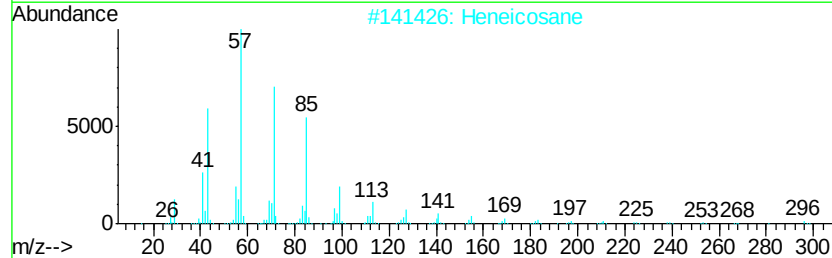
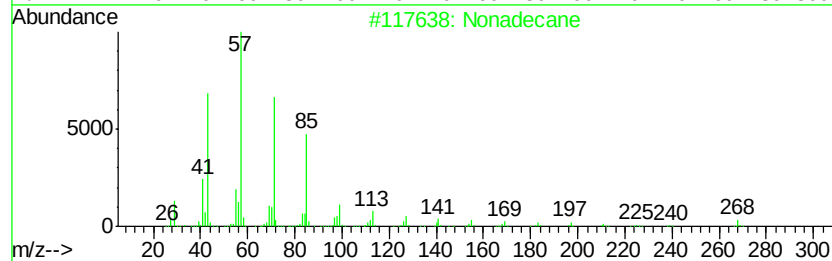
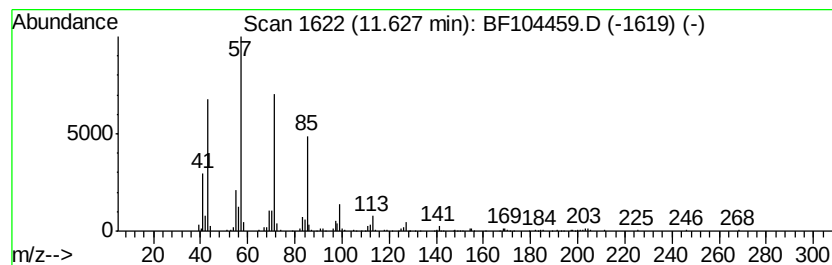
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	8.99 ng	343118	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Heptadecane	240	C17H36	000629-78-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
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Instrument :
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ClientSampleId :
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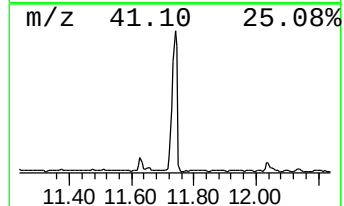
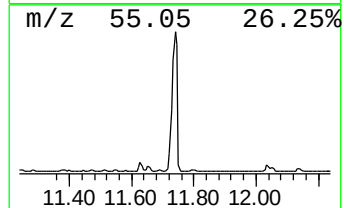
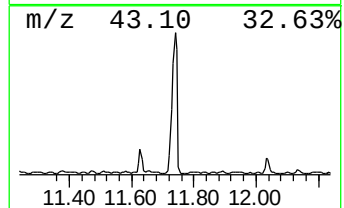
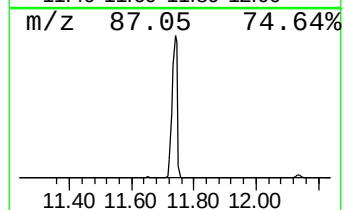
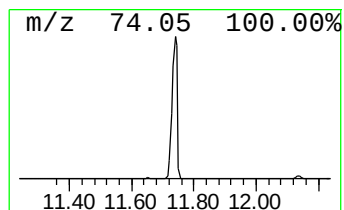
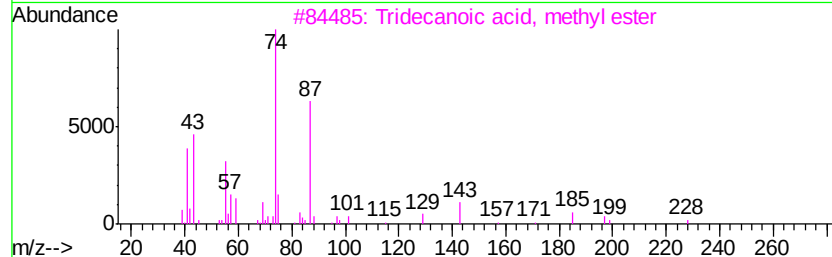
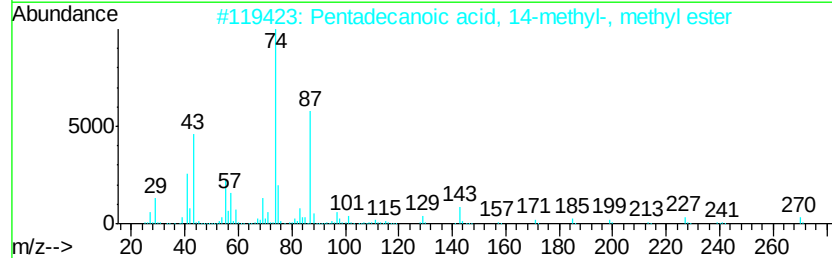
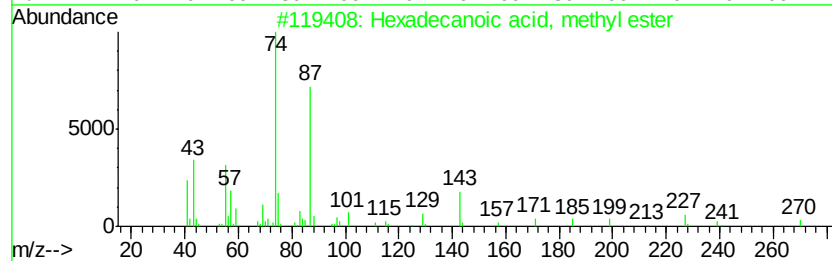
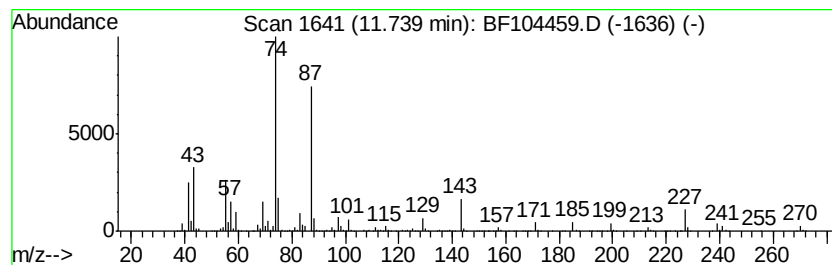
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	166.61 ng	6361550	Phenanthrene-d10	11.34

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	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
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Sample : J2162-05 5X
Misc :
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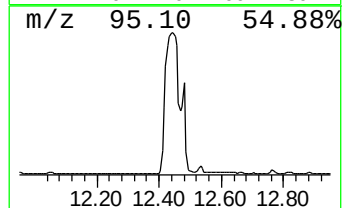
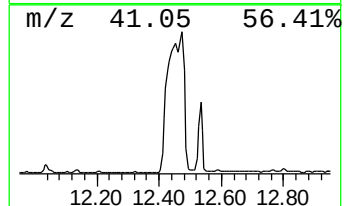
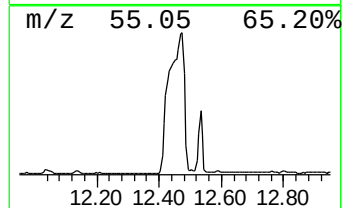
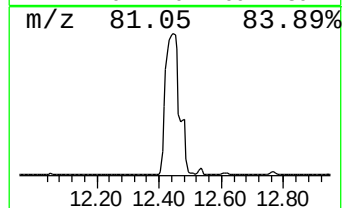
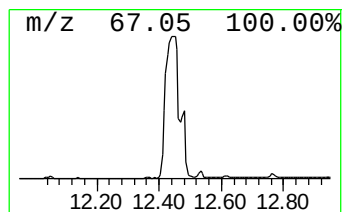
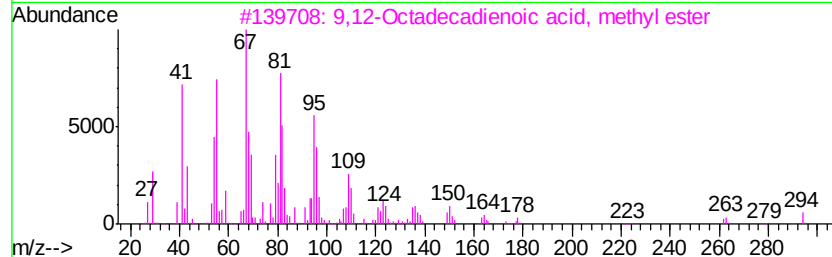
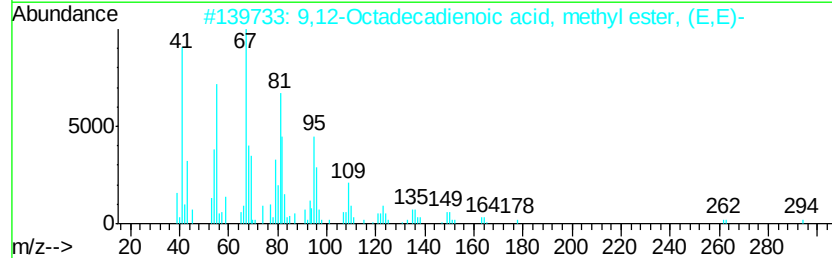
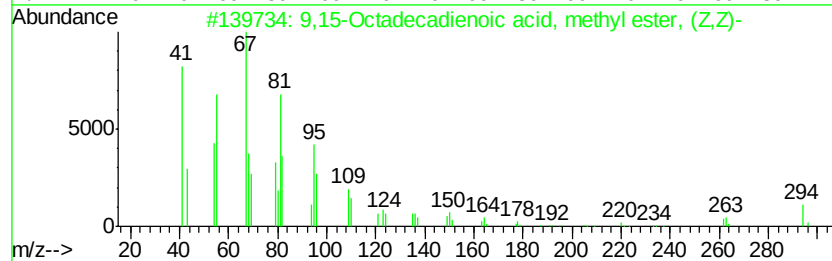
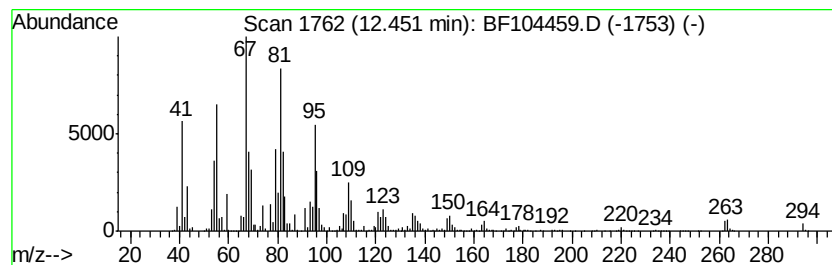
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.45	429.44 ng	16396600	Phenanthrene-d10	11.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98	
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-041118-C

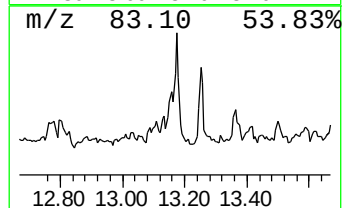
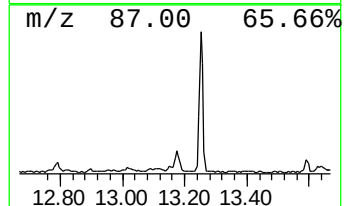
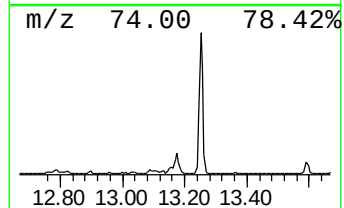
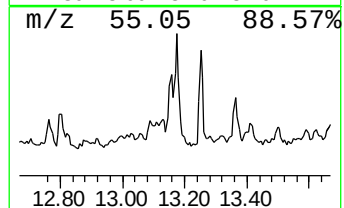
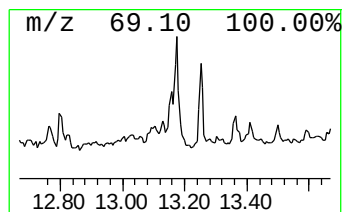
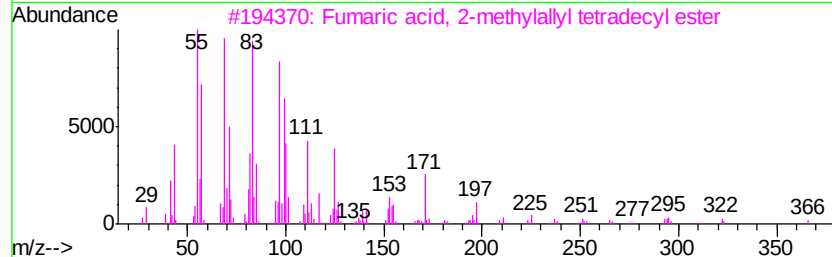
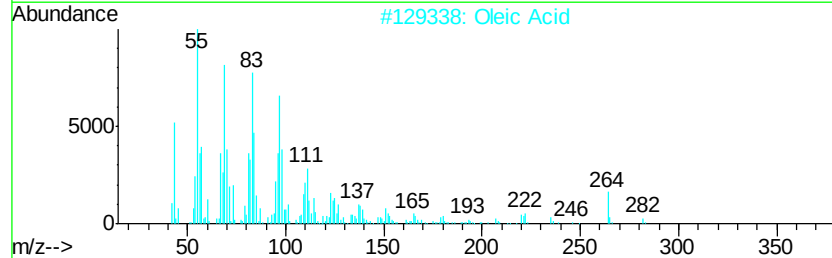
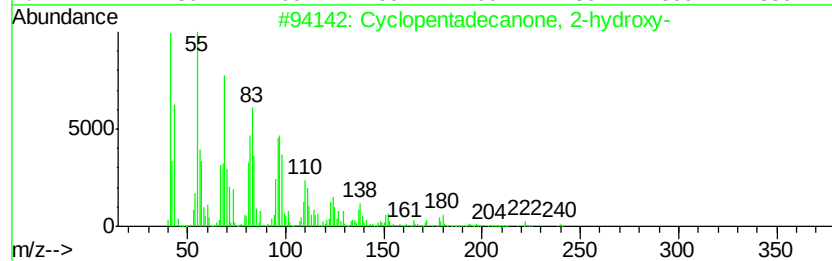
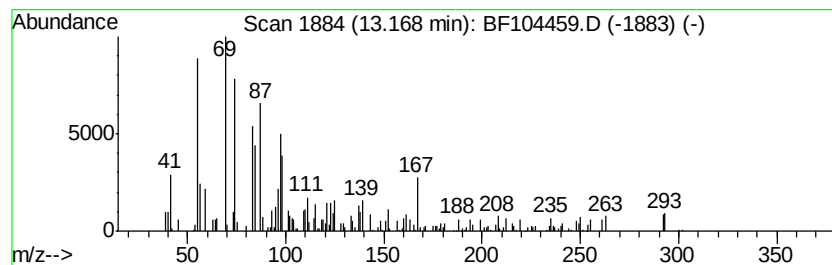
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopentadecanone, 2-hydroxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	7.69 ng	317908	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	55
2		Oleic Acid	282	C18H34O2	000112-80-1	53
3		Fumaric acid, 2-methylallyl tetradecyl ester	366	C22H38O4	1000330-55-3	43
4		6-Methyl-1,5-diazabicyclo[3.1.0]hex-2-ene	98	C5H10N2	100463-00-1	38
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

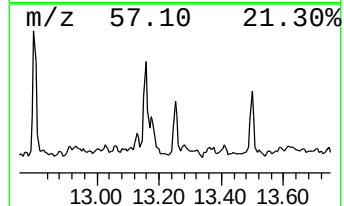
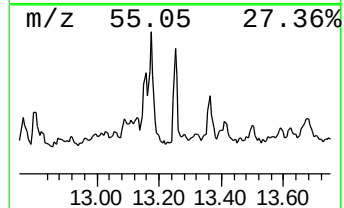
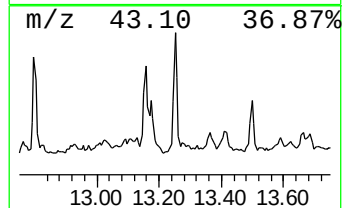
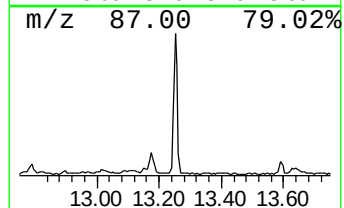
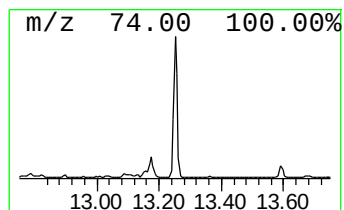
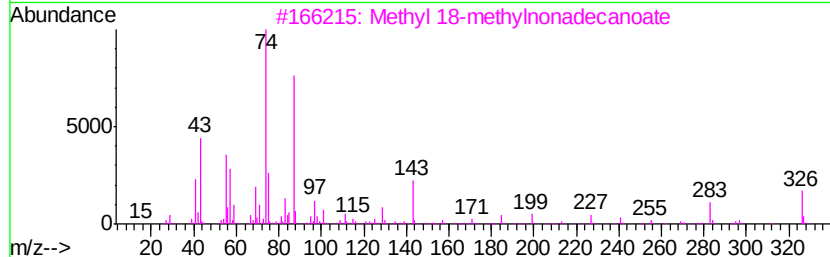
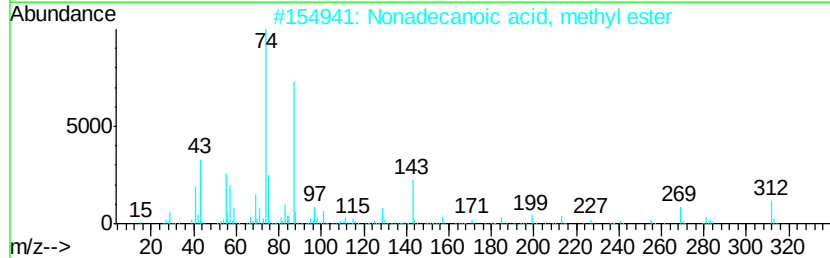
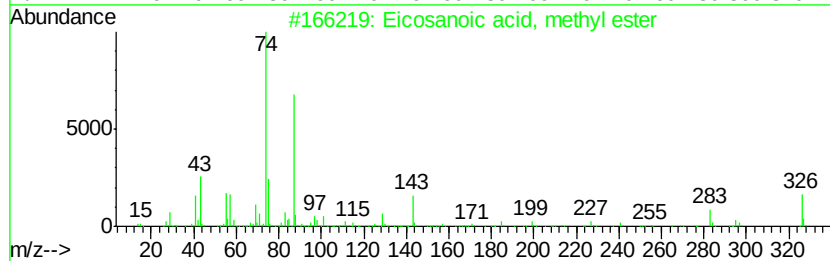
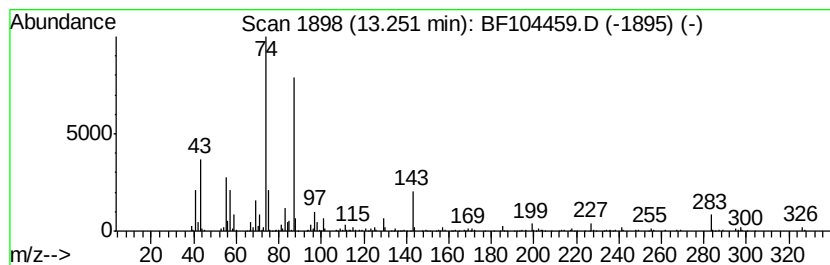
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.25	7.39 ng	305412	Chrysene-d12	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
3		Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	89
4		Methyl stearate	298	C19H38O2	000112-61-8	87
5		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-041118-C

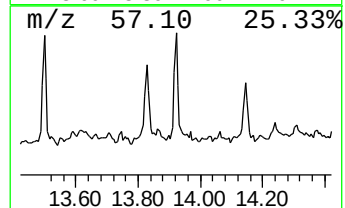
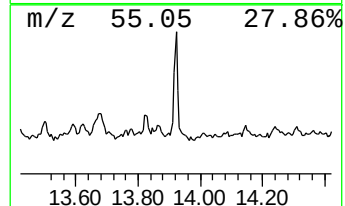
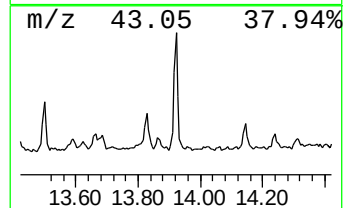
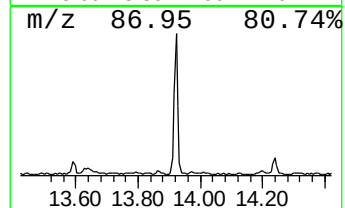
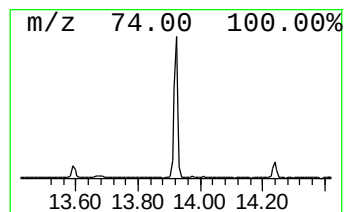
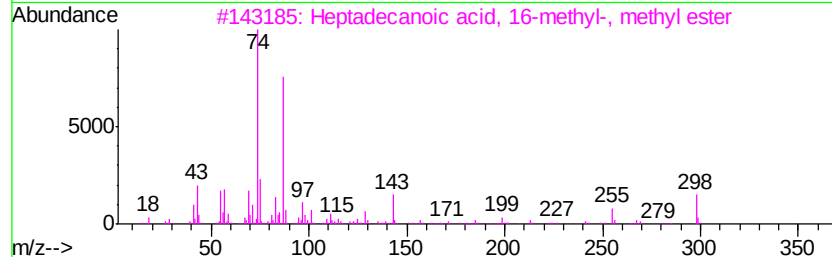
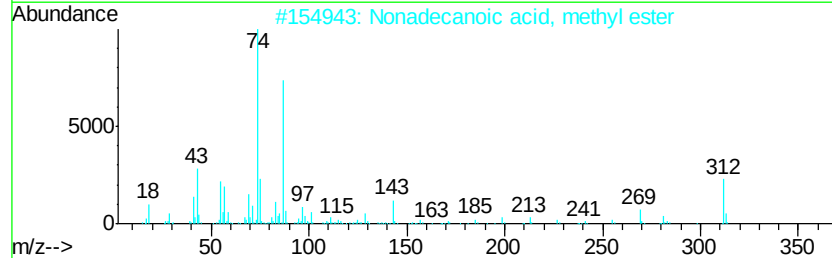
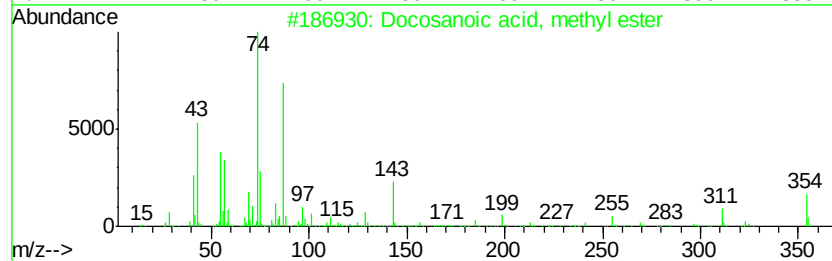
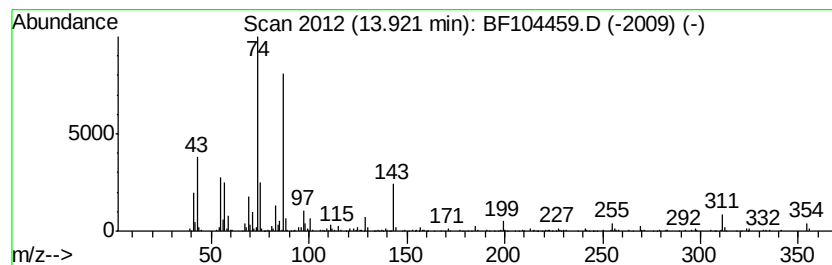
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	7.72 ng	319259	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

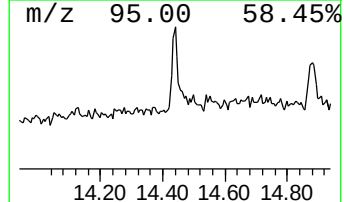
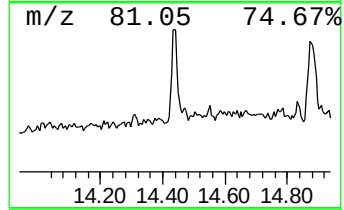
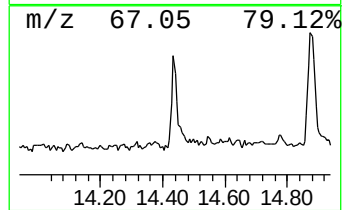
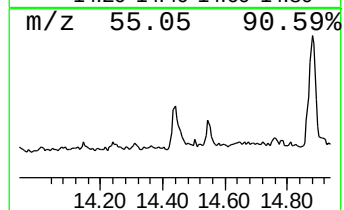
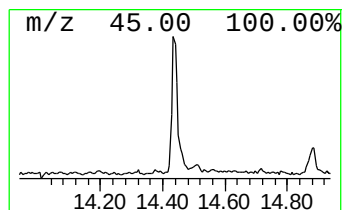
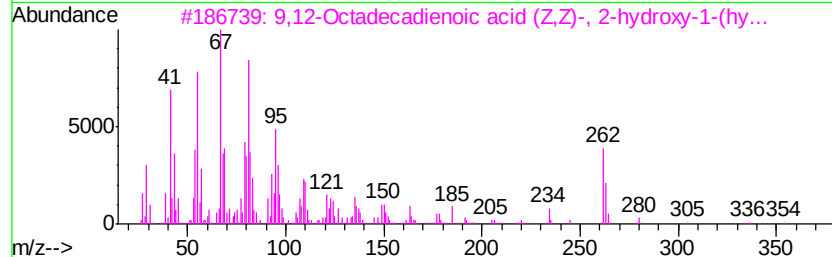
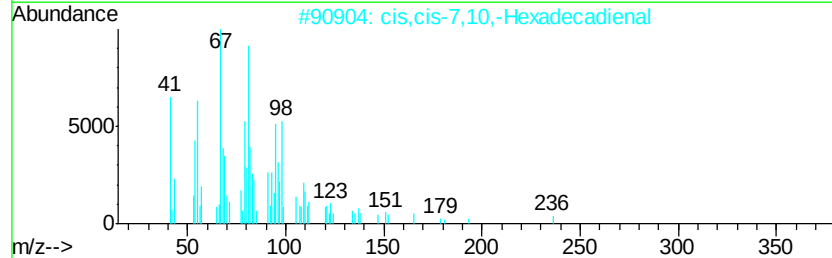
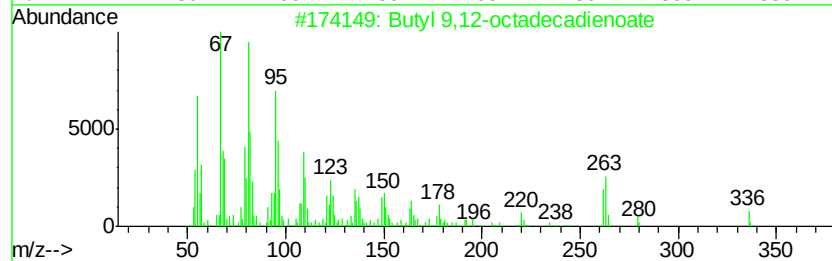
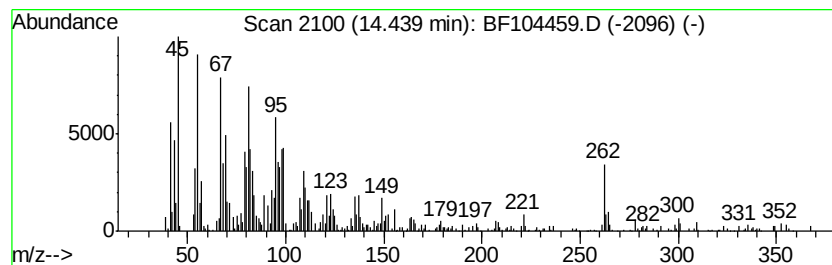
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Butyl 9,12-octadecadienoate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.44	8.38 ng	346616	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl 9,12-octadecadienoate	336	C22H40O2	1000336-54-1	58
2	cis,cis-7,10,-Hexadecadienal	236	C16H28O	056829-23-3	55
3	9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	003443-82-1	53
4	1,3,12-Nonadecatriene	262	C19H34	1000131-11-1	49
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104459.D
Acq On : 12 Apr 2018 18:56
Operator : JU/SJ
Sample : J2162-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-041118-C

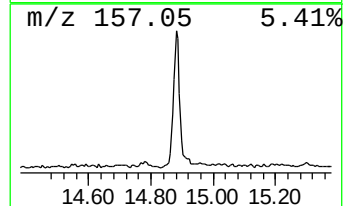
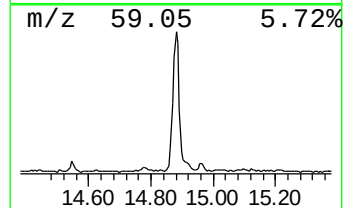
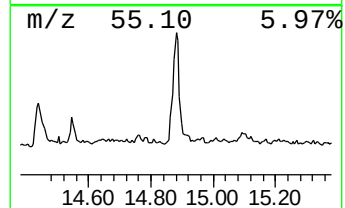
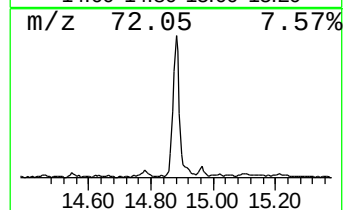
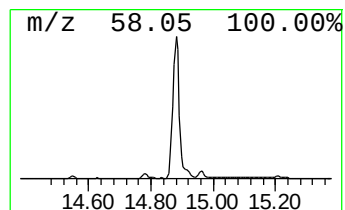
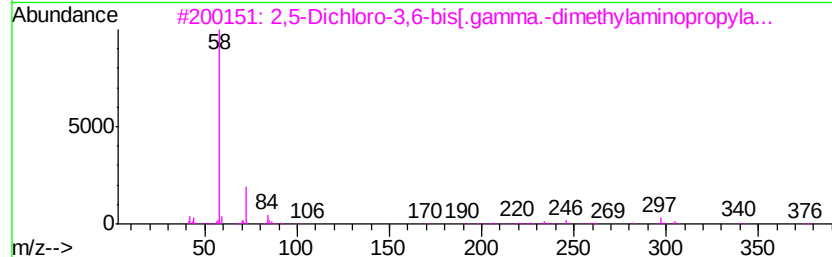
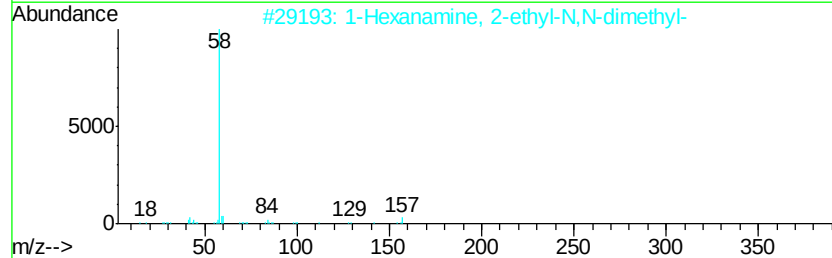
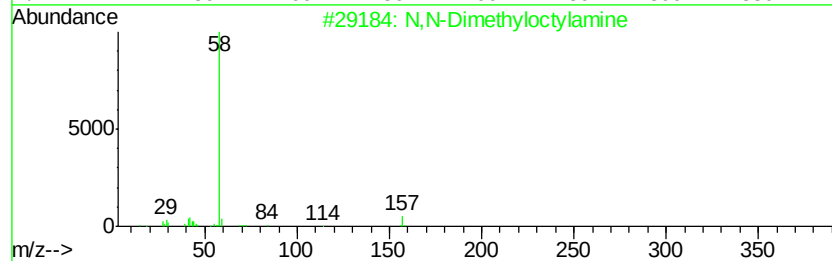
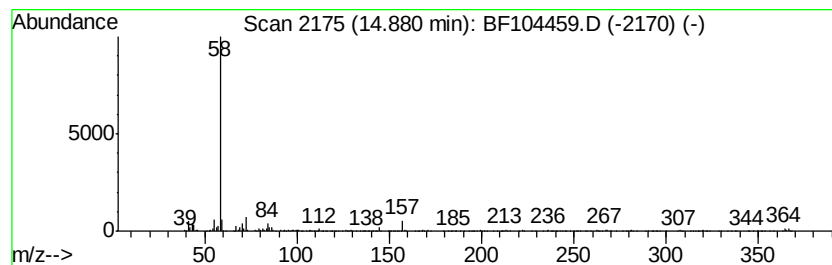
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	51.78 ng	1465980	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3		2,5-Dichloro-3,6-bis[.gamma.-dim...	376	C16H26Cl2N4O2	1000255-81-0	64
4		Benzedrex	155	C10H21N	000101-40-6	59
5		2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041218\
 Data File : BF104459.D
 Acq On : 12 Apr 2018 18:56
 Operator : JU/SJ
 Sample : J2162-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
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Nonane, 5-butyl-	8.68	11.2	ng	519197	2	8.09	925799	20.0
Tetradecane	9.25	13.0	ng	581169	3	9.85	894872	20.0
Octadecane, 1-chl...	9.57	7.4	ng	330912	3	9.85	894872	20.0
Pentadecane	9.77	12.7	ng	569675	3	9.85	894872	20.0
Bacchotricuneatin c	10.27	11.7	ng	525083	3	9.85	894872	20.0
Heneicosane	10.75	19.8	ng	757673	4	11.34	763626	20.0
Heptadecane	11.20	11.2	ng	428767	4	11.34	763626	20.0
Tridecane	11.23	6.6	ng	252602	4	11.34	763626	20.0
Nonadecane	11.63	9.0	ng	343118	4	11.34	763626	20.0
Hexadecanoic acid...	11.74	166.6	ng	6361550	4	11.34	763626	20.0
9,15-Octadecadien...	12.45	429.4	ng	16396600	4	11.34	763626	20.0
Cyclopentadecanon...	13.17	7.7	ng	317908	5	13.99	827071	20.0
Eicosanoic acid, ...	13.25	7.4	ng	305412	5	13.99	827071	20.0
Docosanoic acid, ...	13.92	7.7	ng	319259	5	13.99	827071	20.0
Butyl 9,12-octade...	14.44	8.4	ng	346616	5	13.99	827071	20.0
N,N-Dimethyloctyl...	14.88	51.8	ng	1465980	6	15.45	566256	20.0