

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097747.D
 Acq On : 16 Aug 2017 19:08
 Operator : SJ/JU
 Sample : I4793-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081417-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-BF081517.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	5.375	555	559	563	rBV	839991	739975	8.44%	1.889%
2	6.398	729	733	741	rVB	981829	775259	8.84%	1.979%
3	6.539	754	757	761	rBV	851832	762250	8.70%	1.946%
4	6.781	794	798	801	rBV	1128218	887814	10.13%	2.266%
5	6.933	820	824	828	rBV	729407	572165	6.53%	1.460%
6	7.333	889	892	896	rBV	487980	427728	4.88%	1.092%
7	8.063	1011	1016	1019	rBV	1425302	1170125	13.35%	2.987%
8	9.139	1195	1199	1202	rBV	958361	788320	8.99%	2.012%
9	9.227	1208	1214	1218	rBV	161562	167173	1.91%	0.427%
10	9.533	1263	1266	1270	rBV2	192386	245086	2.80%	0.626%
11	9.757	1301	1304	1308	rVB	240659	181392	2.07%	0.463%
12	9.816	1308	1314	1318	rBV2	1336856	1168989	13.34%	2.984%
13	9.992	1340	1344	1346	rBV3	55985	94814	1.08%	0.242%
14	10.080	1355	1359	1362	rBV3	81747	97136	1.11%	0.248%
15	10.257	1386	1389	1391	rVB	341618	261057	2.98%	0.666%
16	10.474	1420	1426	1432	rBV	177925	260670	2.97%	0.665%
17	10.598	1443	1447	1451	rVB2	481810	412720	4.71%	1.053%
18	10.727	1466	1469	1477	rBV	492390	555188	6.33%	1.417%
19	11.174	1542	1545	1548	rBV	481127	386641	4.41%	0.987%
20	11.210	1548	1551	1556	rVB	183214	194372	2.22%	0.496%
21	11.298	1562	1566	1569	rBV	1150960	957614	10.92%	2.444%
22	11.604	1615	1618	1620	rBV	372083	290773	3.32%	0.742%
23	11.704	1631	1635	1638	rVB	3515575	2940188	33.54%	7.505%
24	11.839	1654	1658	1661	rBV2	287748	286546	3.27%	0.731%
25	12.010	1684	1687	1695	rVB	320706	297610	3.40%	0.760%
26	12.398	1748	1753	1755	rBV	5911760	8765732	100.00%	22.375%
27	12.421	1755	1757	1763	rVB2	6099798	6735515	76.84%	17.193%
28	12.498	1766	1770	1773	rBV	2161092	1927770	21.99%	4.921%
29	12.562	1773	1781	1787	rVV2	1817440	3420606	39.02%	8.731%
30	12.627	1790	1792	1800	rVB	228144	257235	2.93%	0.657%
31	12.733	1807	1810	1814	rVB2	220372	216057	2.46%	0.551%
32	12.768	1814	1816	1819	rBV	129020	122267	1.39%	0.312%
33	12.886	1833	1836	1842	rVB	629938	519521	5.93%	1.326%
34	13.057	1862	1865	1867	rBV	142559	155384	1.77%	0.397%

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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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.127	1874	1877	1878	rBV	148160	134307	1.53%	0.343%
36	13.221	1890	1893	1895	rBV	224322	213017	2.43%	0.544%
37	13.280	1901	1903	1906	rBV3	112388	109739	1.25%	0.280%
38	13.892	2004	2007	2010	rBV	236432	214715	2.45%	0.548%
39	13.933	2010	2014	2017	rBV	924322	862344	9.84%	2.201%
40	15.368	2254	2258	2261	rVB	550330	600703	6.85%	1.533%

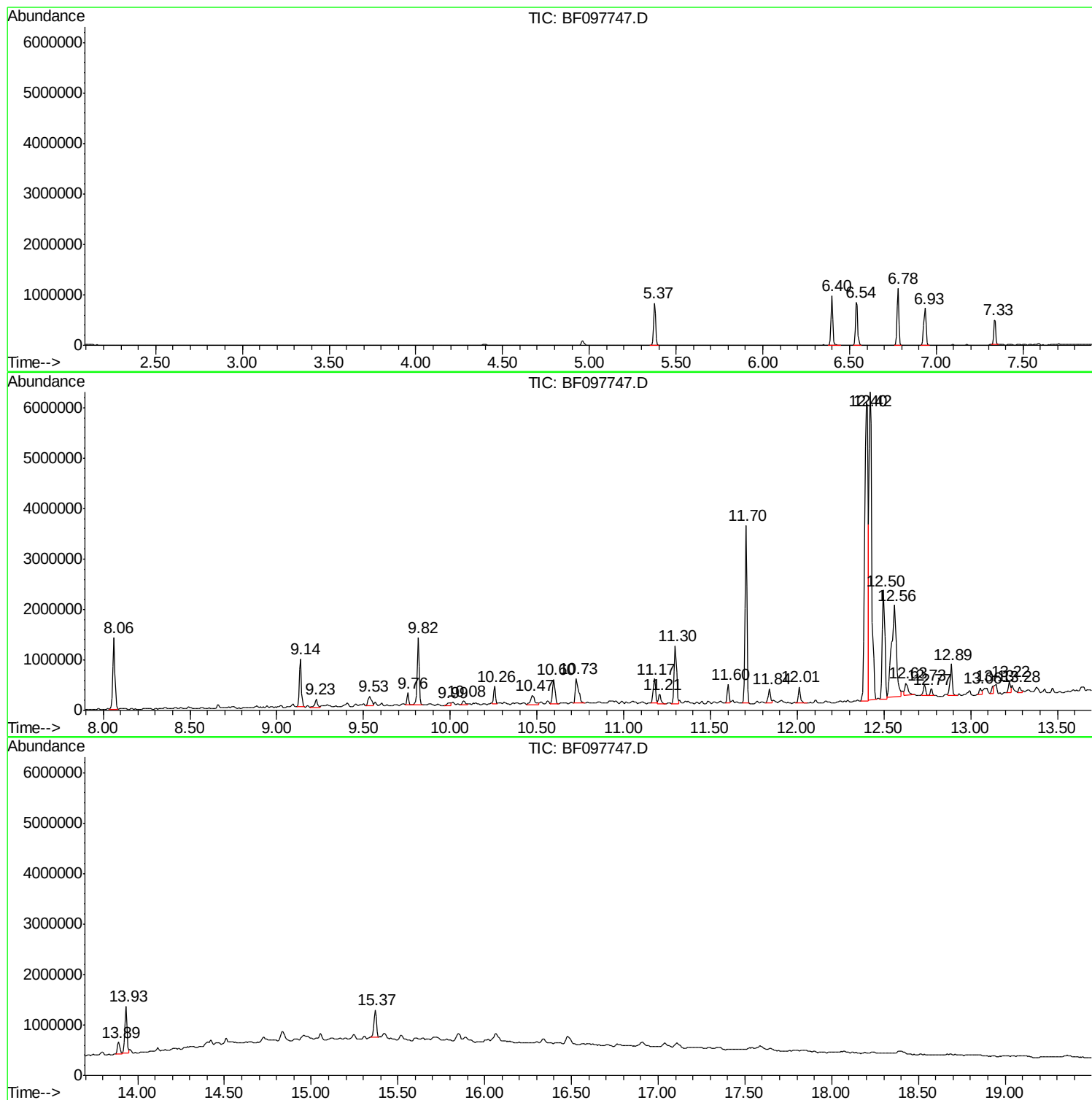
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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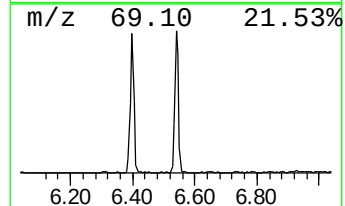
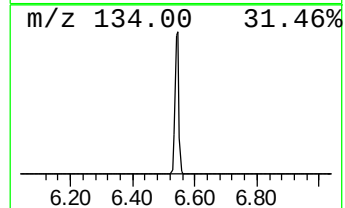
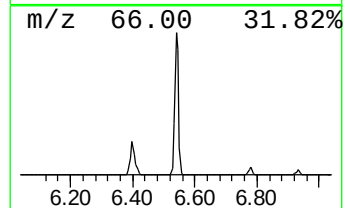
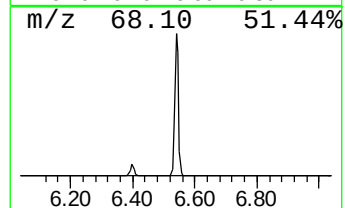
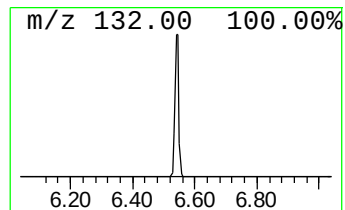
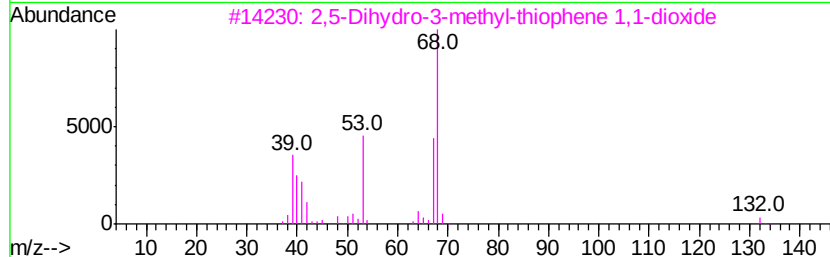
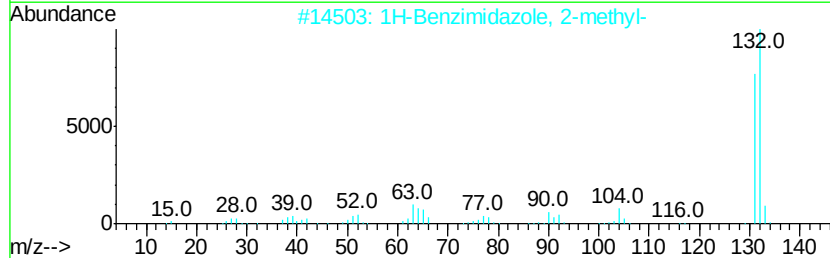
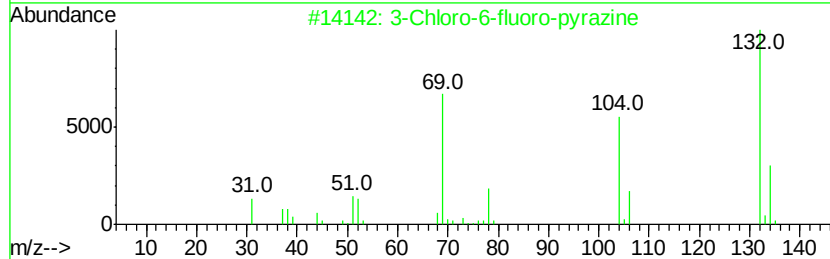
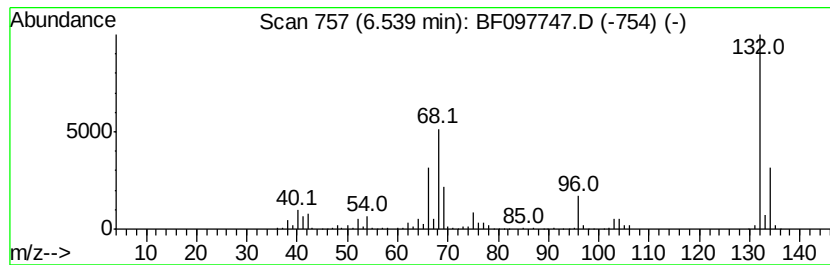
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	17.17 ng	762250	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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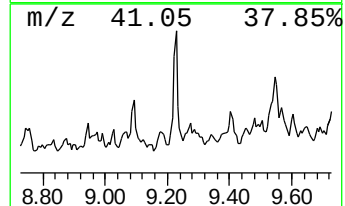
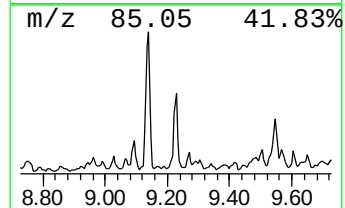
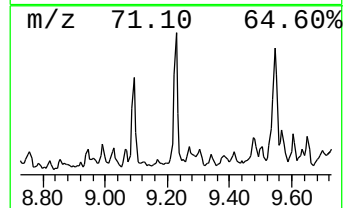
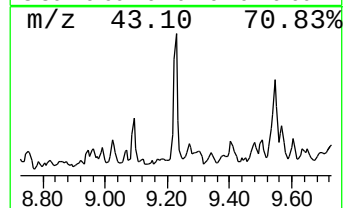
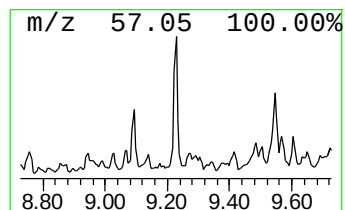
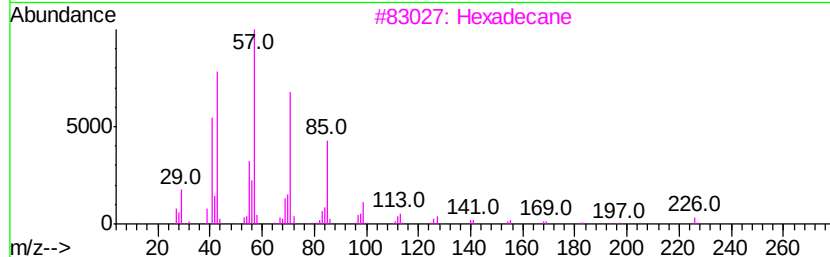
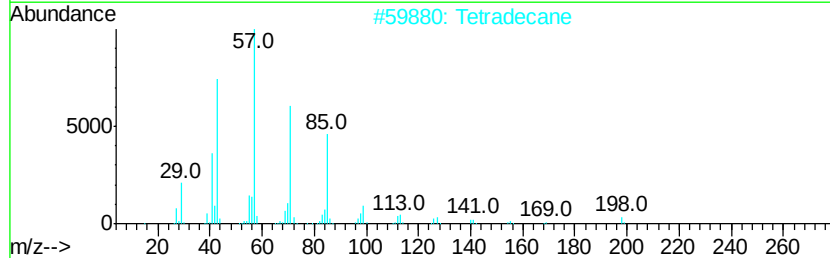
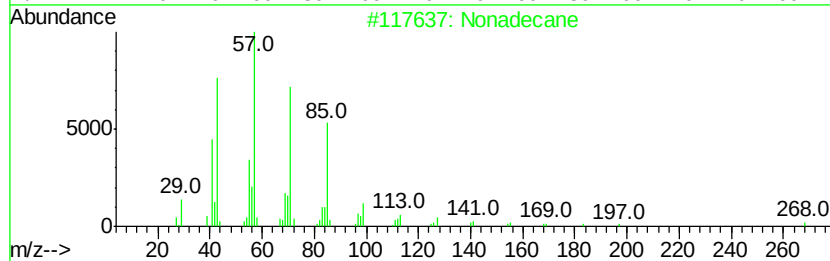
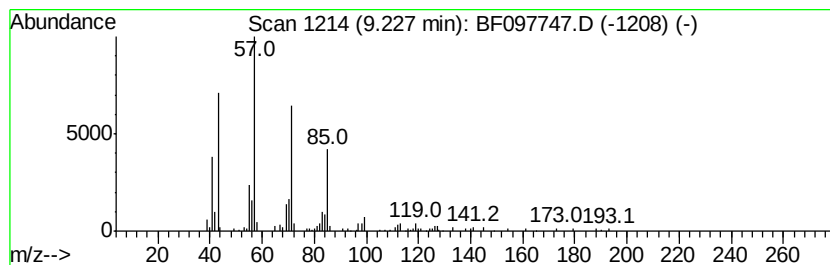
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.86 ng	167173	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	91
2	Tetradecane	198 C14H30	000629-59-4	86
3	Hexadecane	226 C16H34	000544-76-3	83
4	Tridecane, 7-propyl-	226 C16H34	055045-09-5	80
5	Dodecane, 2-methyl-	184 C13H28	001560-97-0	80



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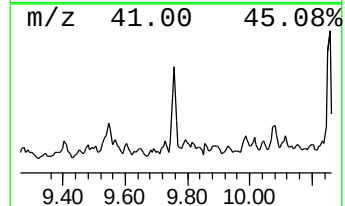
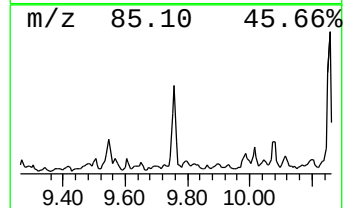
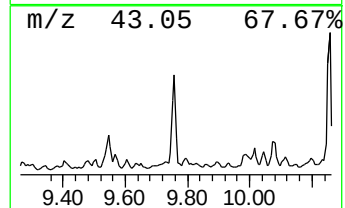
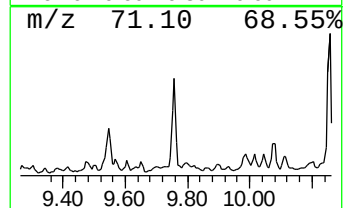
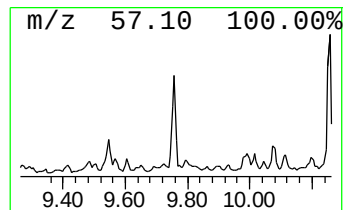
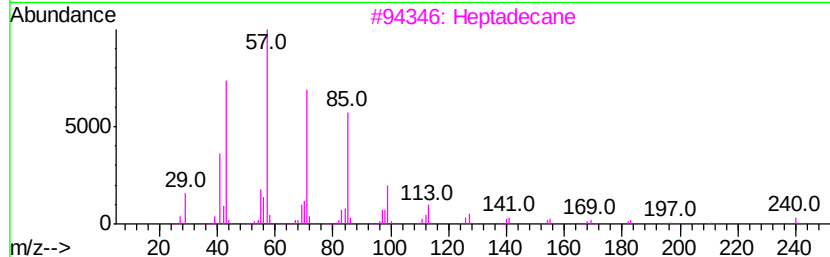
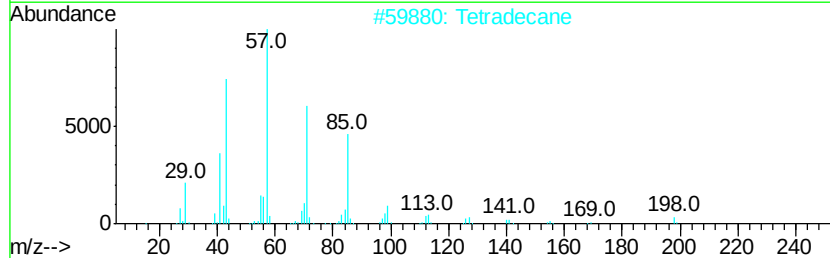
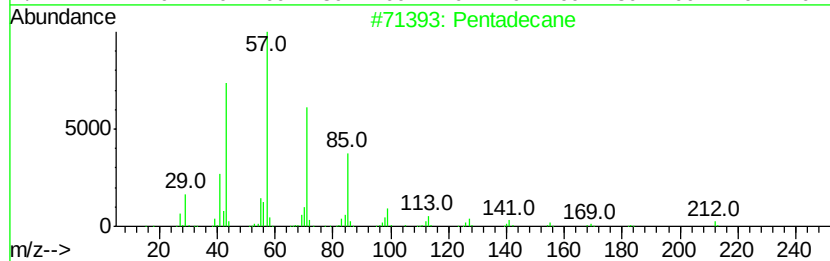
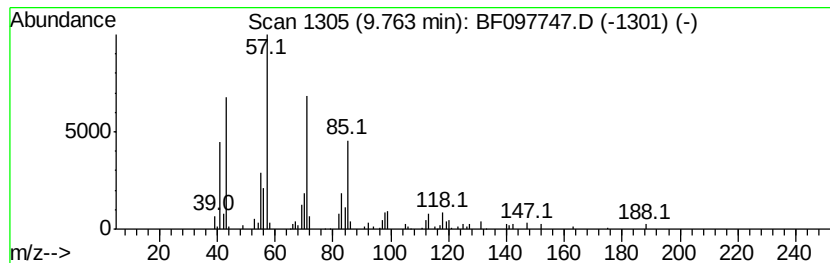
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	3.10 ng	181392	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Heptadecane	240	C17H36	000629-78-7	83
4		Heneicosane	296	C21H44	000629-94-7	80
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



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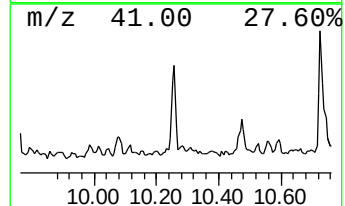
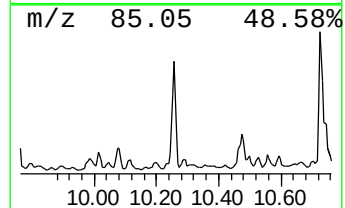
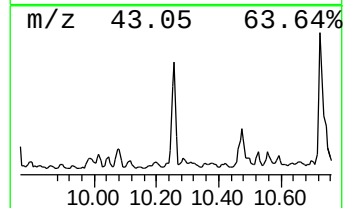
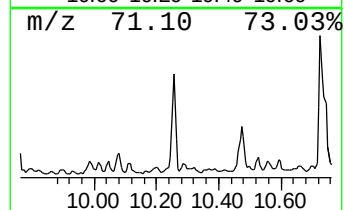
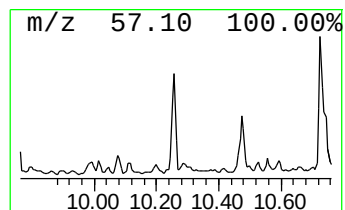
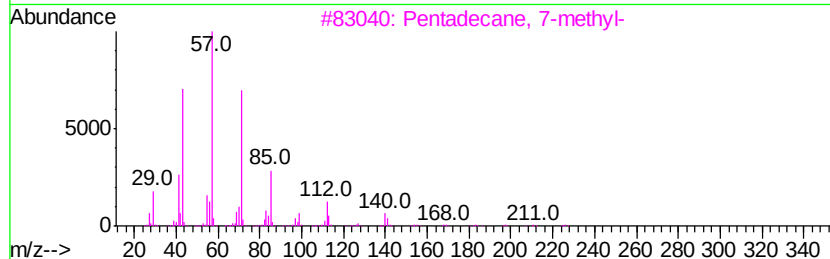
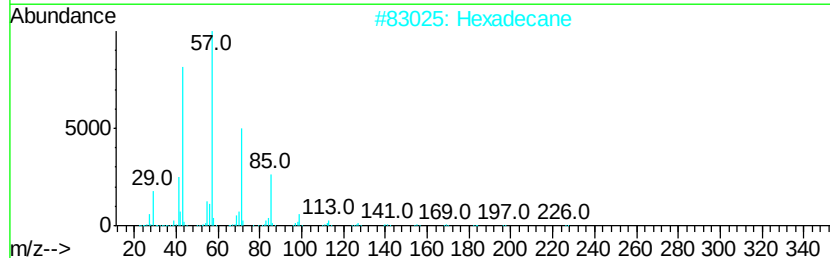
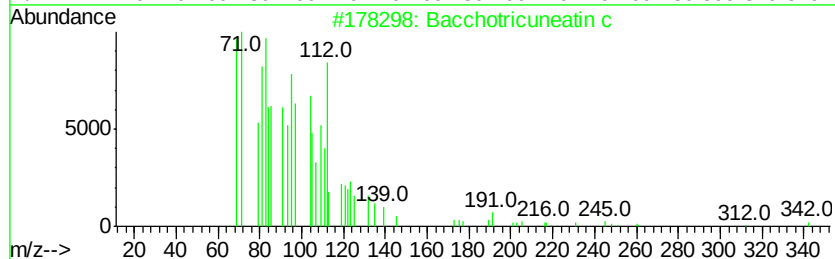
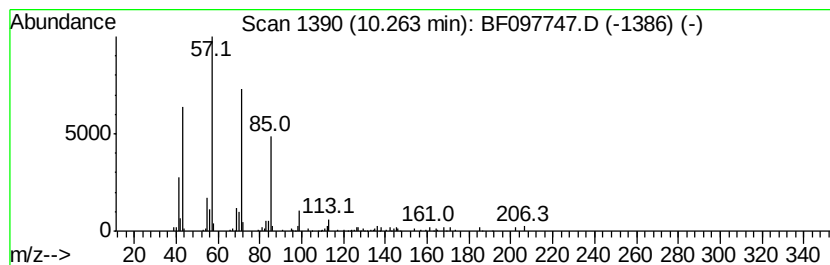
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Bacchotricuneatin c Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.26	4.47 ng	261057	Acenaphthene-d10		9.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Pentadecane	212	C15H32	000629-62-9	83
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72



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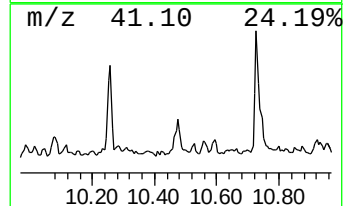
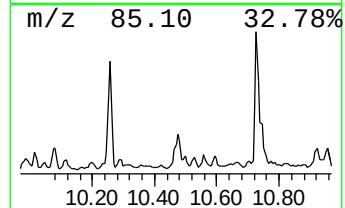
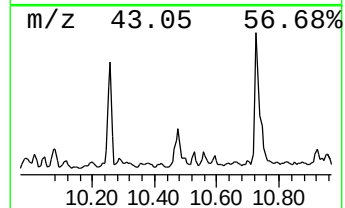
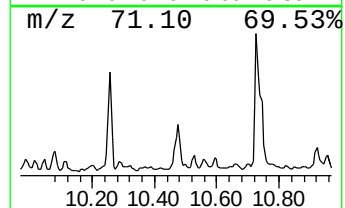
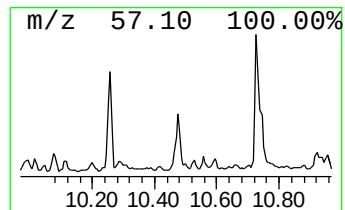
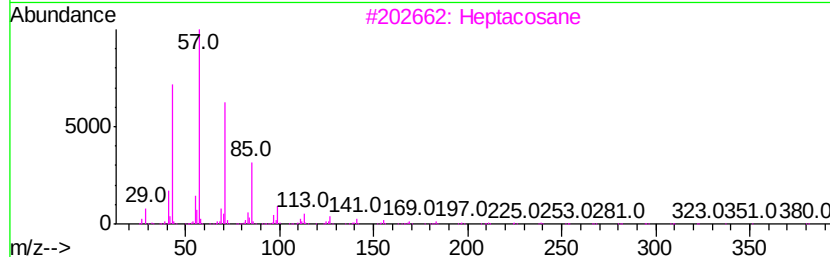
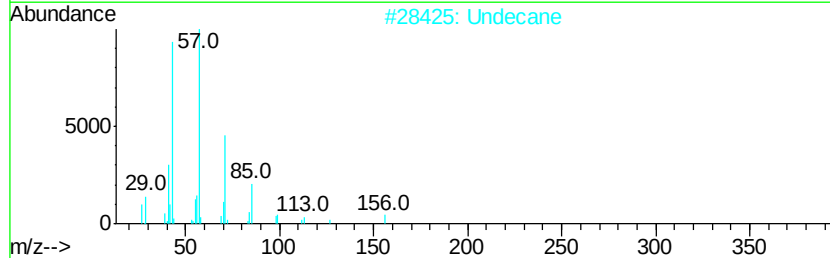
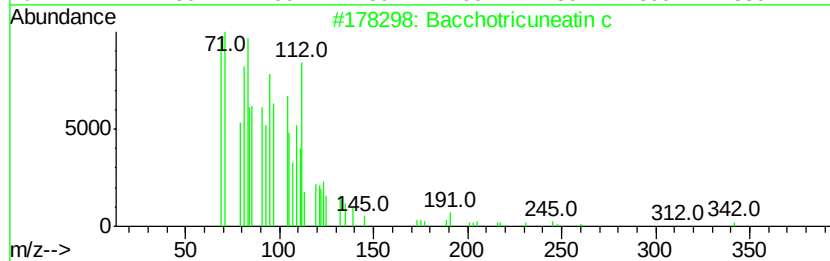
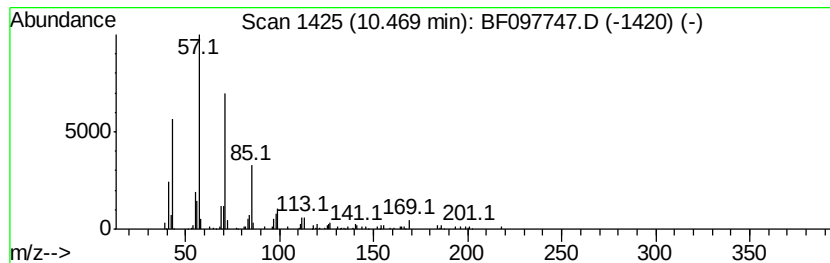
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	4.46 ng	260670	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Undecane	156	C11H24	001120-21-4	90
3		Heptacosane	380	C27H56	000593-49-7	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-C

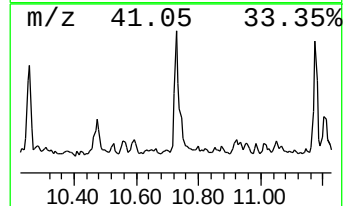
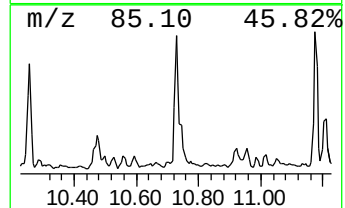
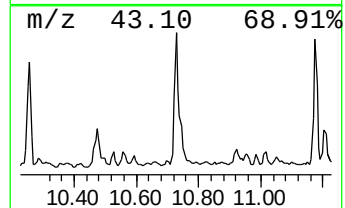
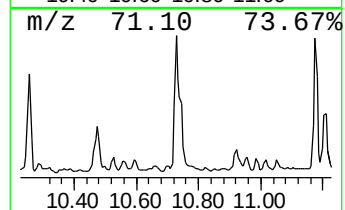
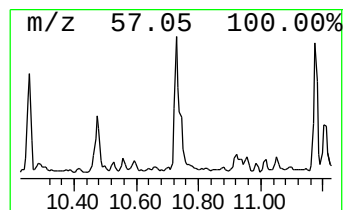
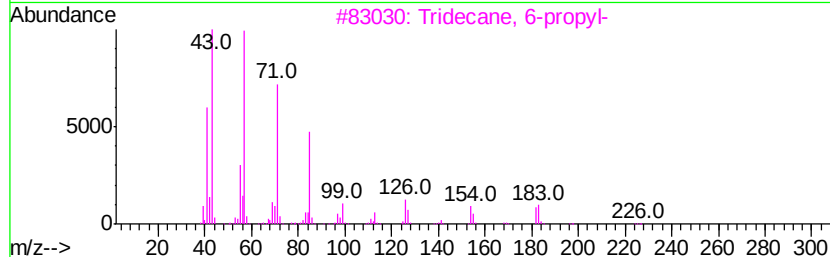
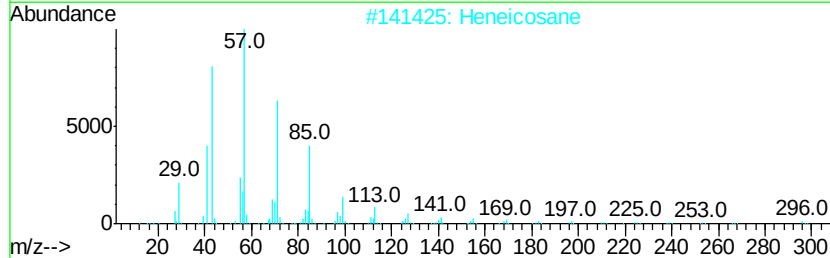
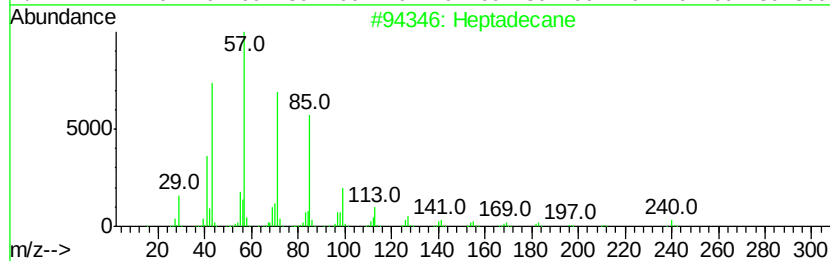
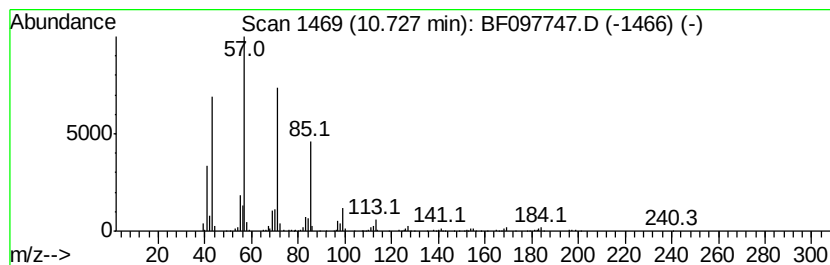
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.73	11.60 ng	555188	Phenanthrene-d10		11.30

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			Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
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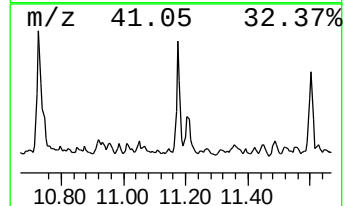
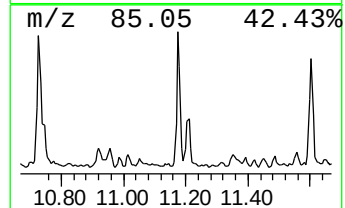
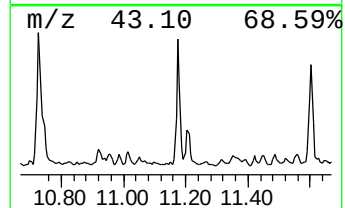
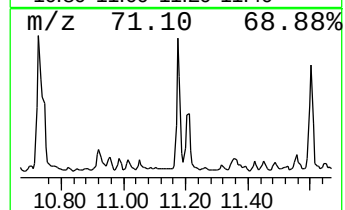
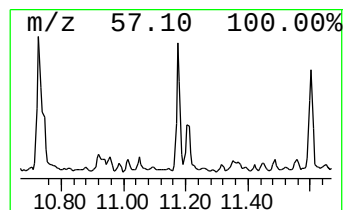
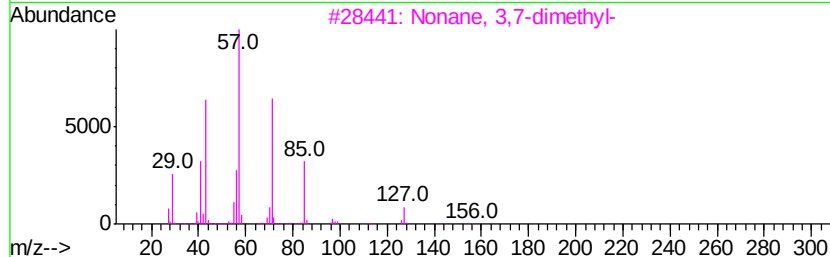
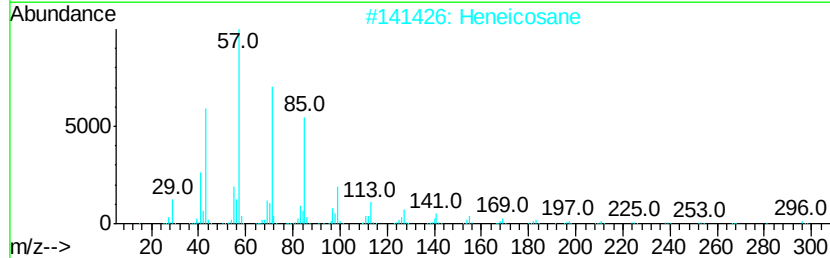
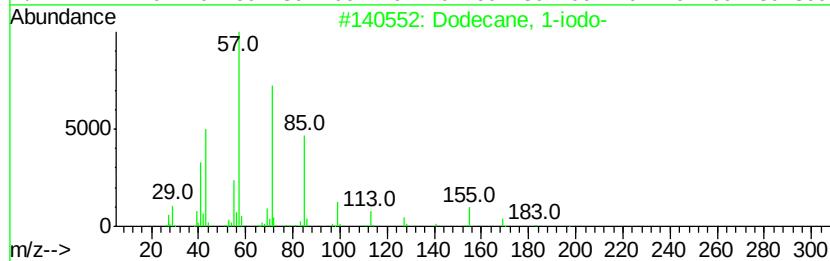
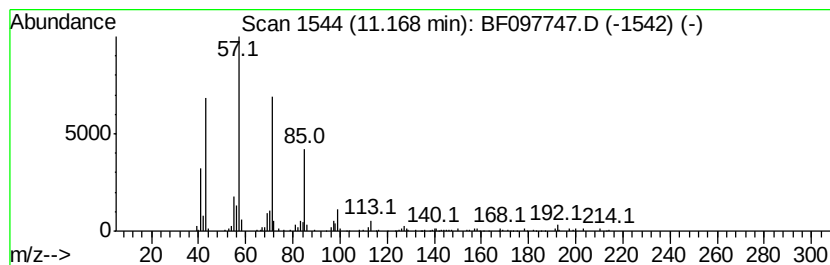
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.17	8.08 ng	386641	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-081417-C

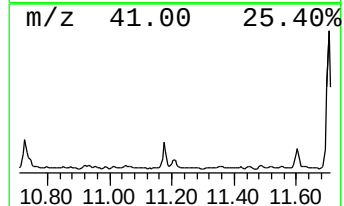
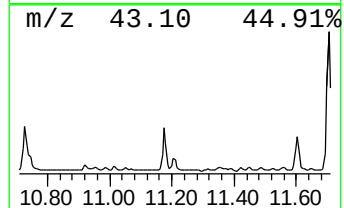
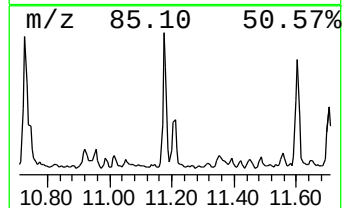
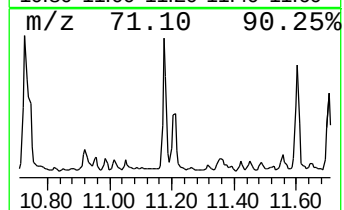
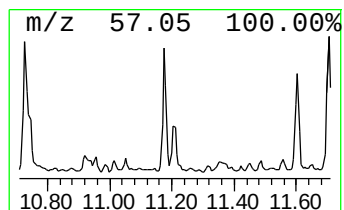
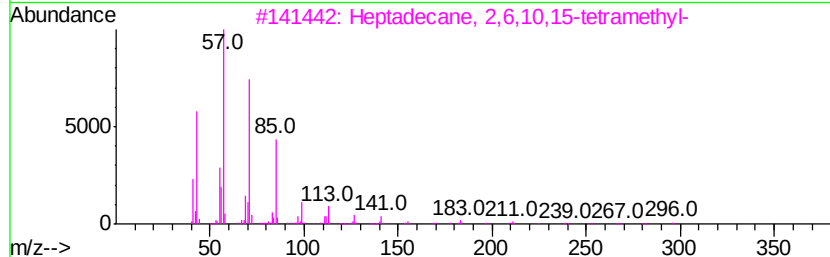
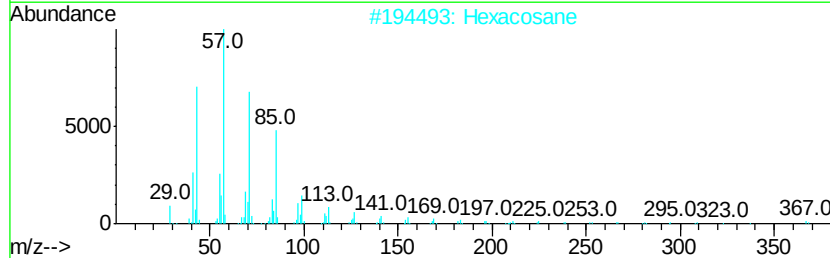
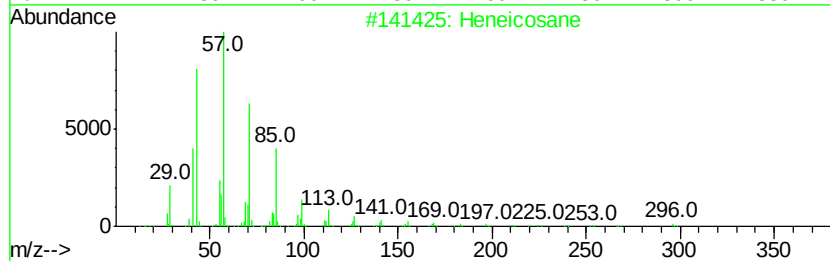
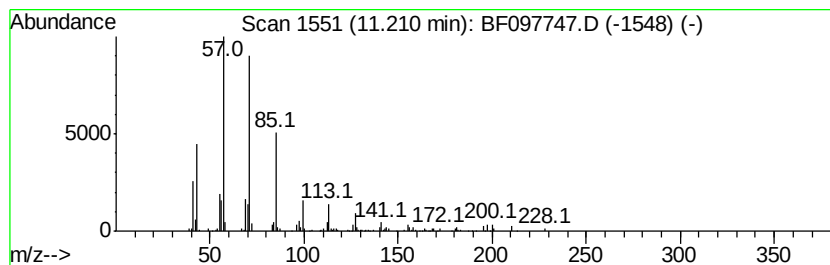
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	4.06 ng	194372	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	86
2	Hexacosane		366	C26H54	000630-01-3	86
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
4	Decane, 3-methyl-		156	C11H24	013151-34-3	80
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

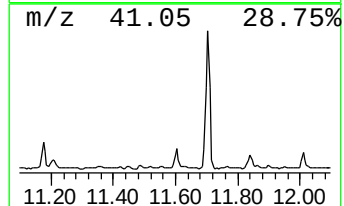
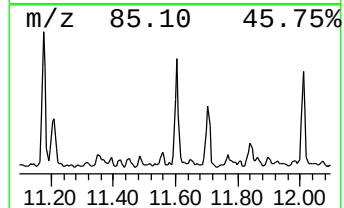
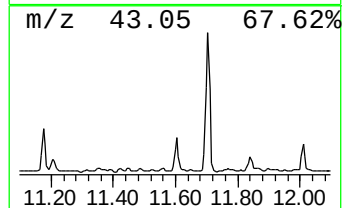
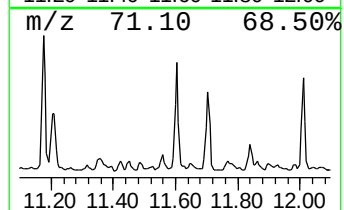
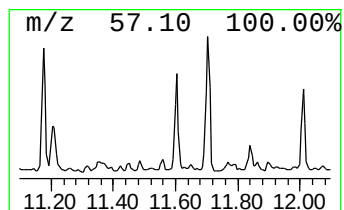
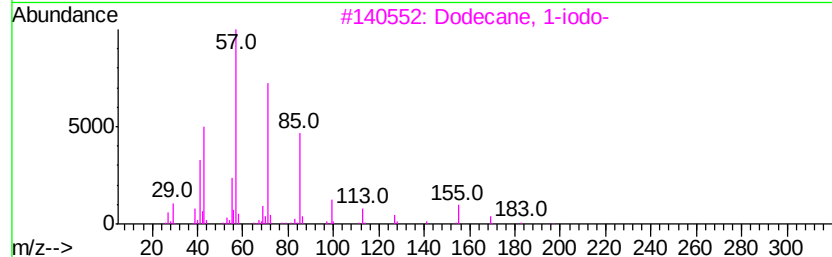
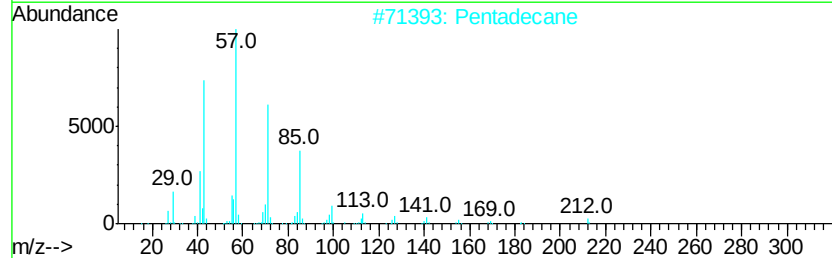
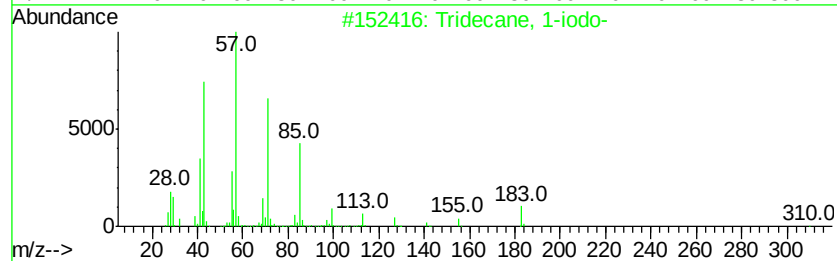
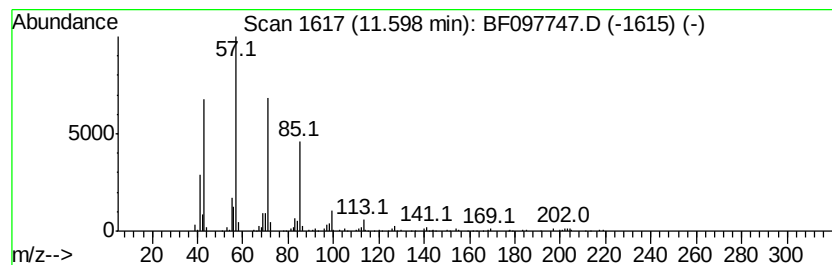
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.60	6.07 ng	290773	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
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Instrument :
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ClientSampleId :
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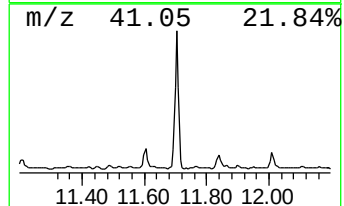
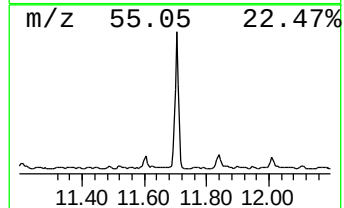
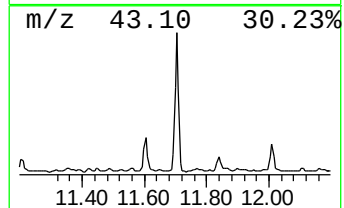
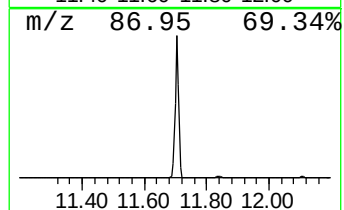
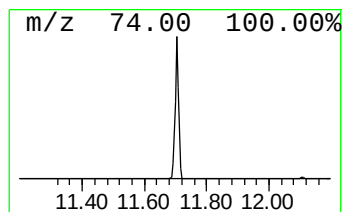
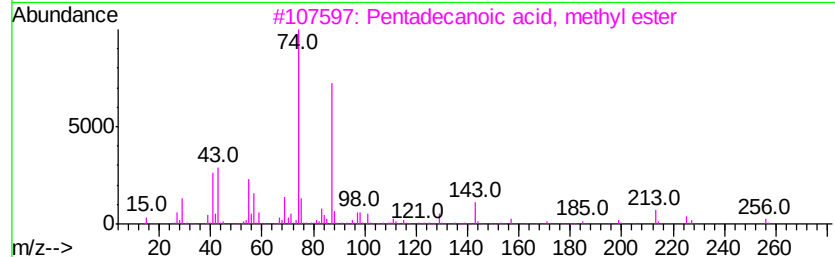
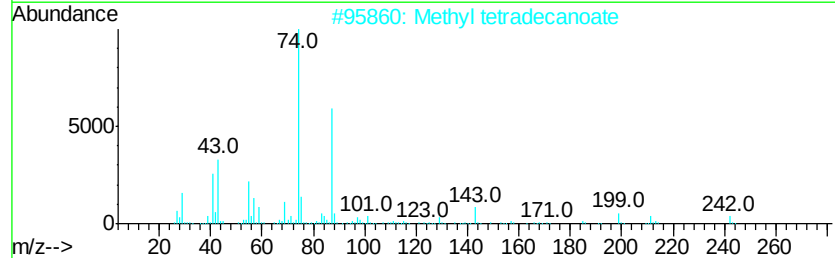
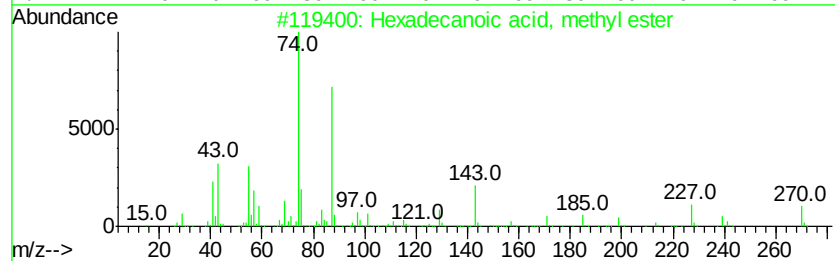
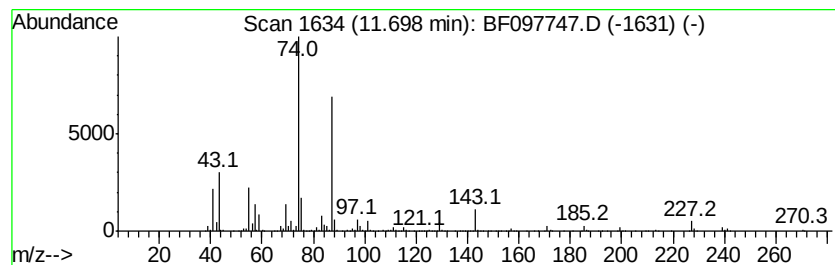
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	61.41 ng	2940190	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
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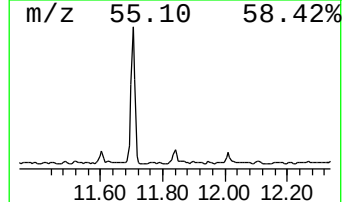
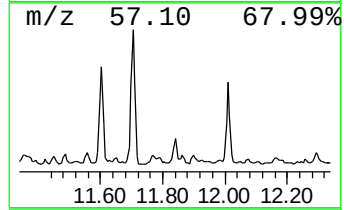
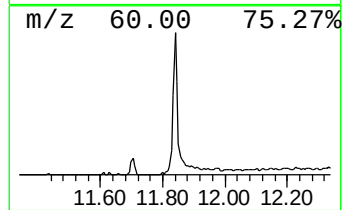
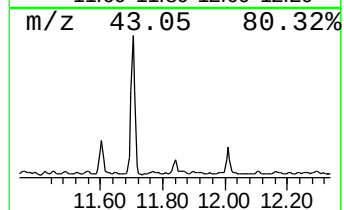
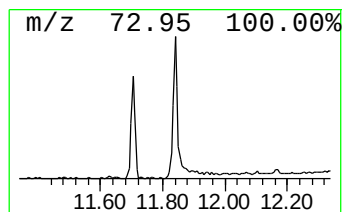
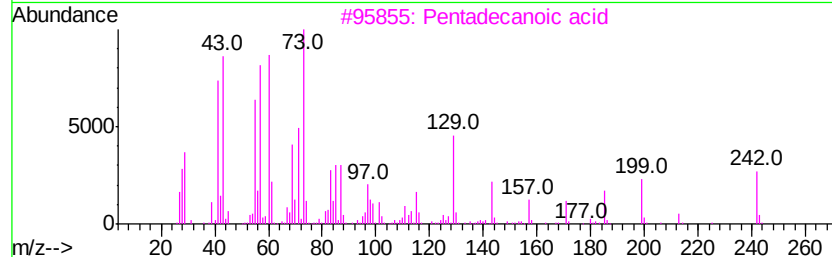
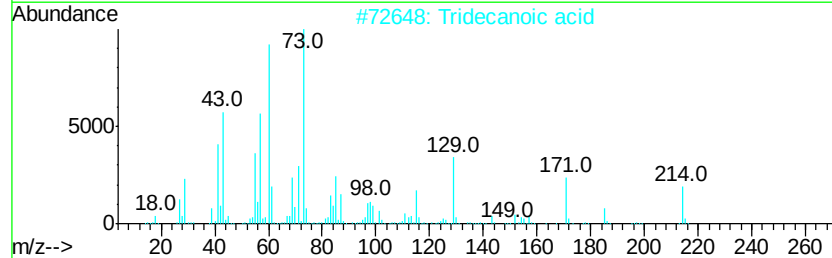
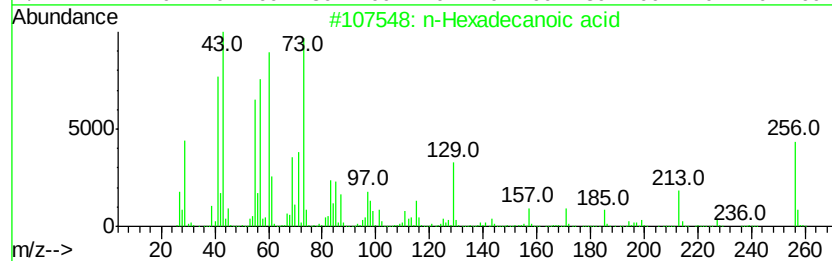
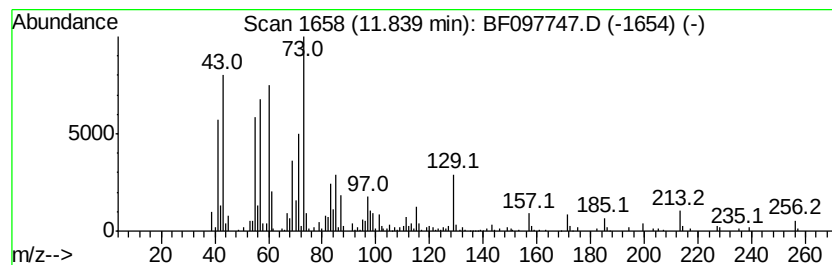
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	5.98 ng	286546	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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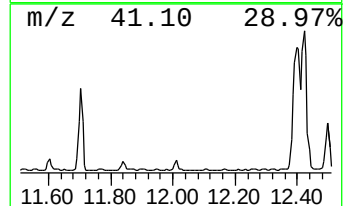
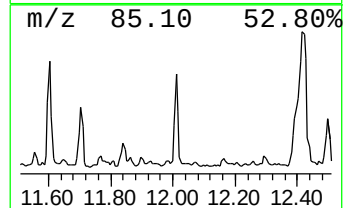
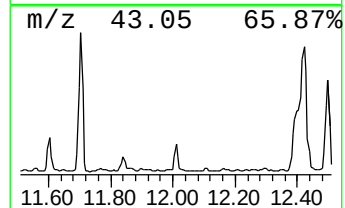
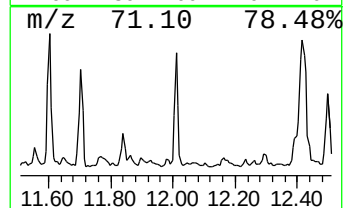
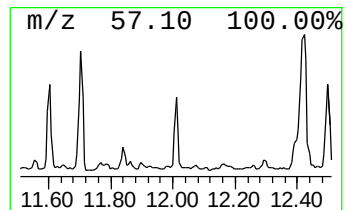
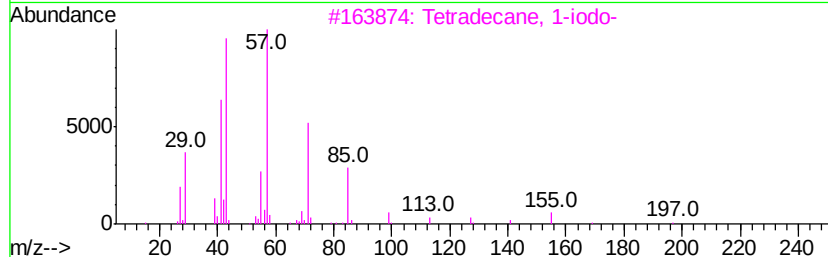
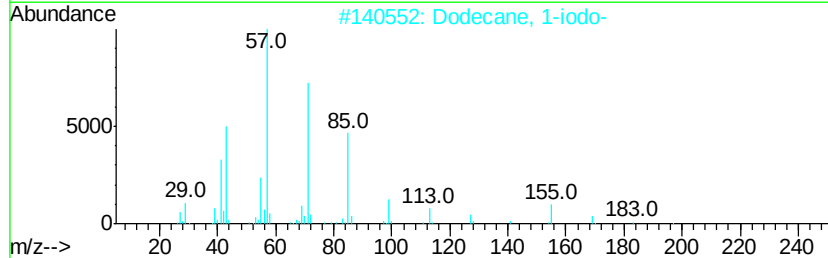
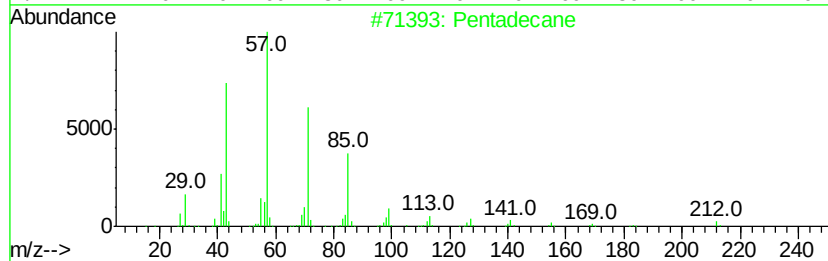
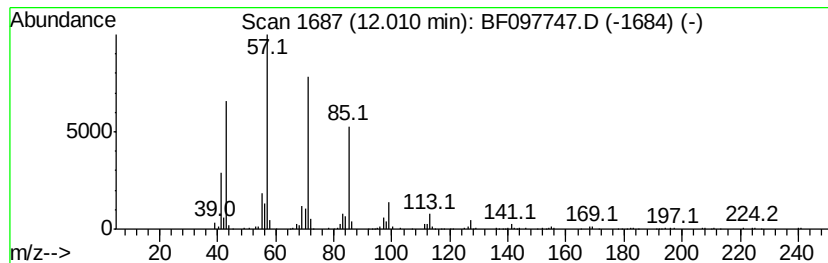
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.22 ng	297610	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78
4	Heptacosane	380	C27H56	000593-49-7	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
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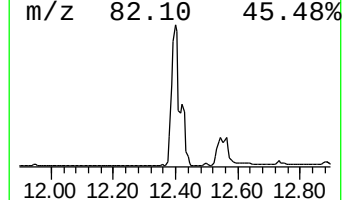
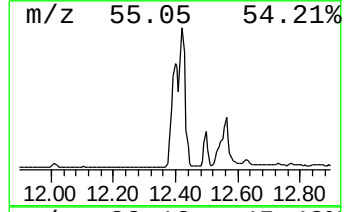
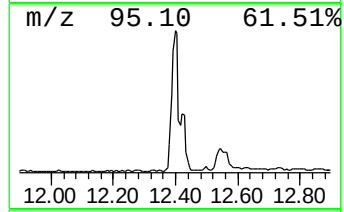
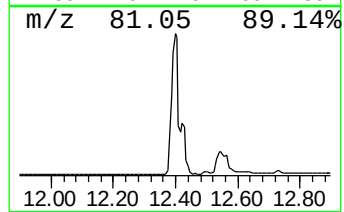
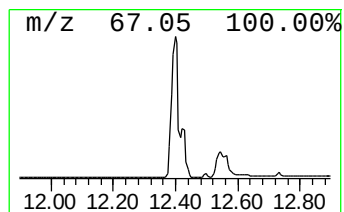
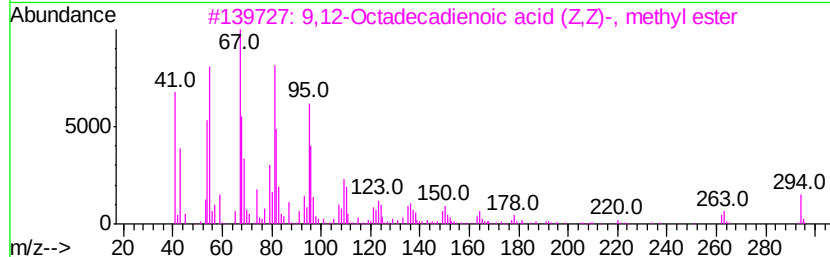
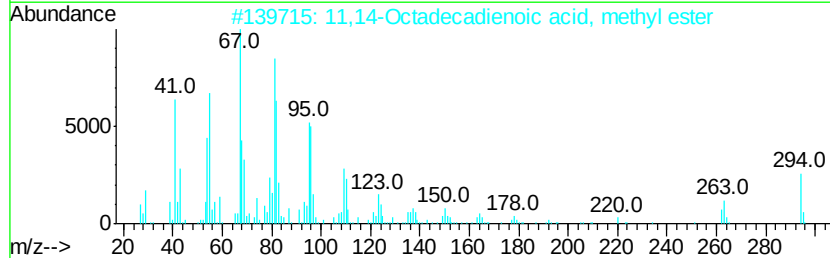
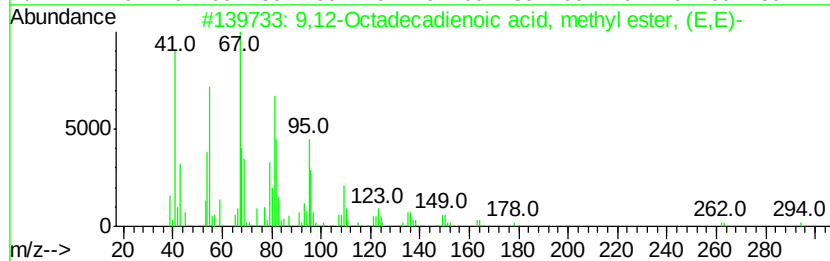
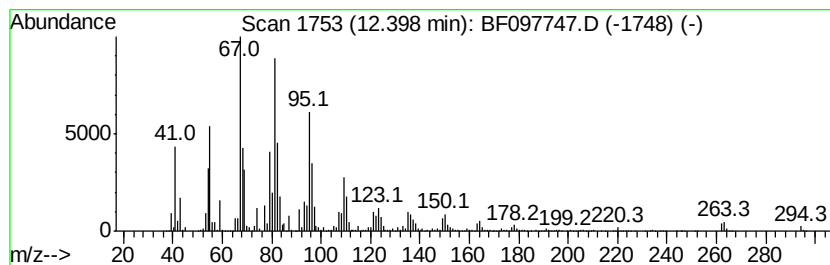
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.40	183.07 ng	8765730	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
EO-02-081417-C

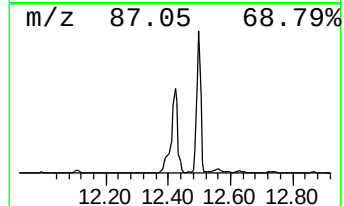
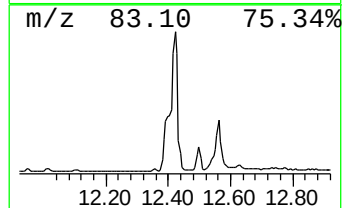
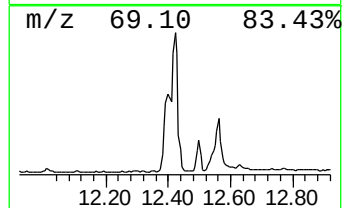
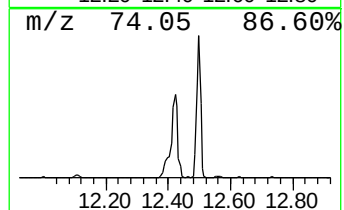
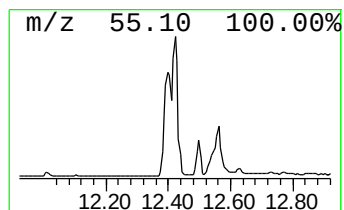
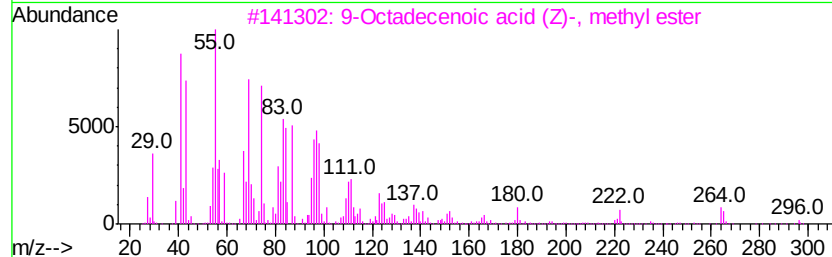
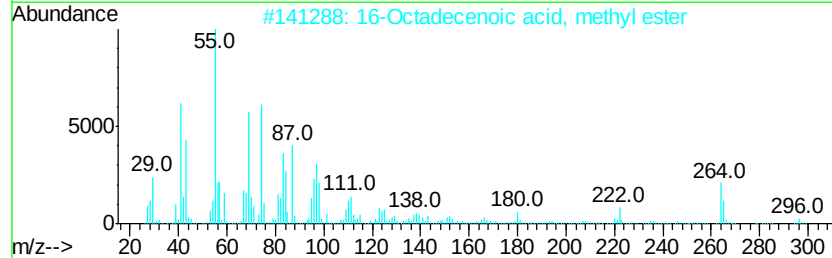
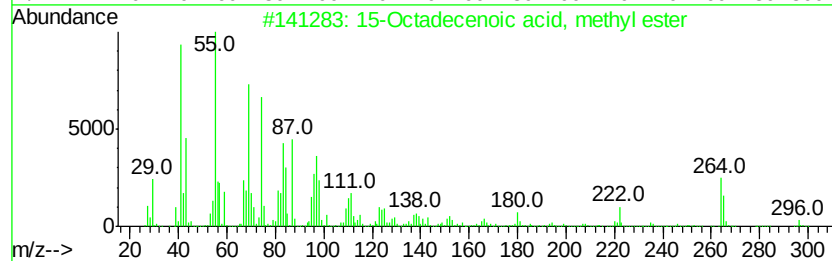
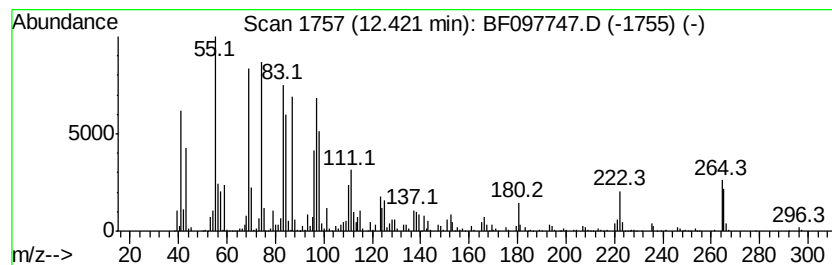
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 15-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	140.67 ng	6735520	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
3		9-Octadecenoic acid (Z)-, methyl ester	296	C19H36O2	000112-62-9	94
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5		9-Octadecenoic acid, methyl ester	296	C19H36O2	001937-62-8	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-081417-C

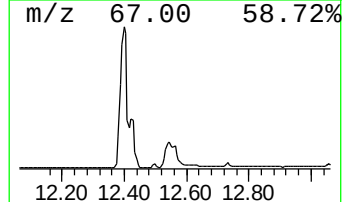
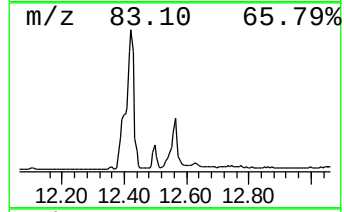
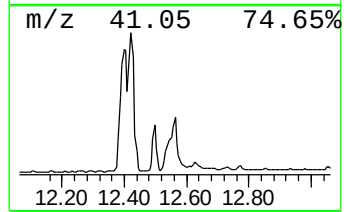
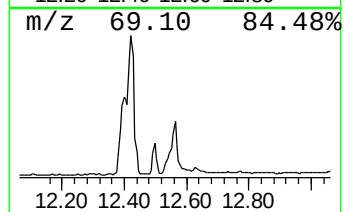
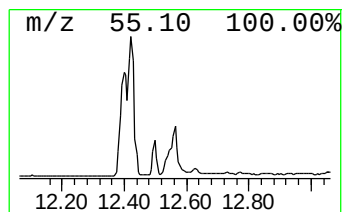
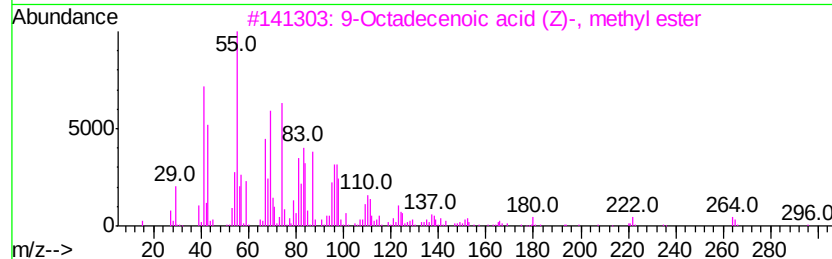
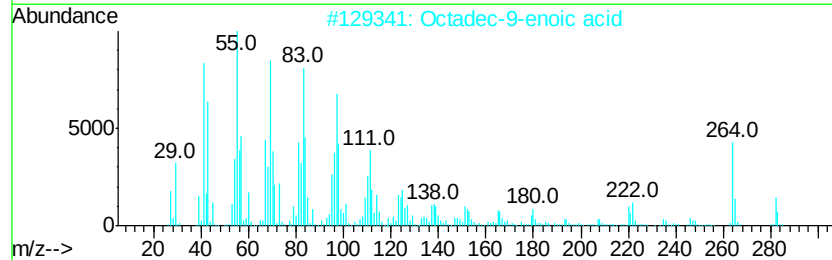
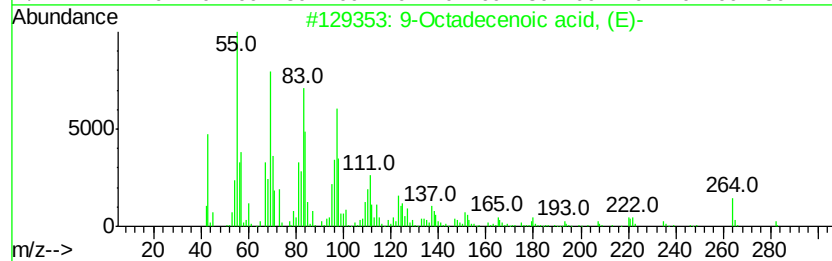
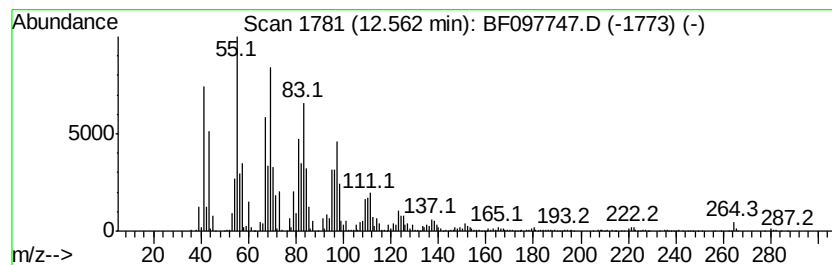
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	71.44 ng	3420610	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
2		Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	96
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	64
4		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	60
5		Cyclopropanoic acid, 2-octyl-	280	C19H36O2	056196-06-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
Data File : BF097747.D
Acq On : 16 Aug 2017 19:08
Operator : SJ/JU
Sample : I4793-07 5X
Misc :
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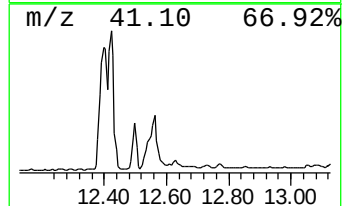
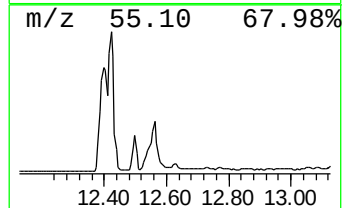
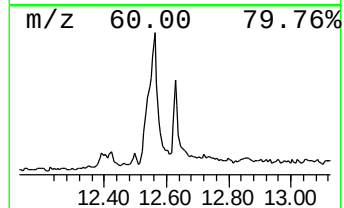
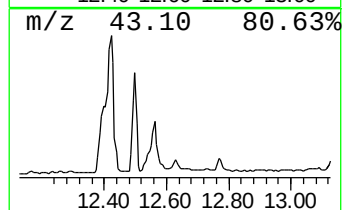
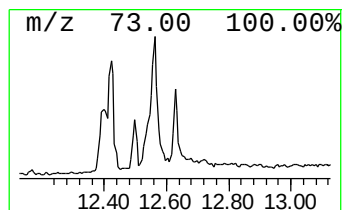
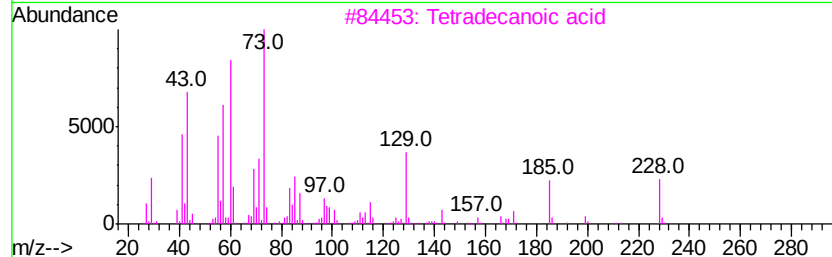
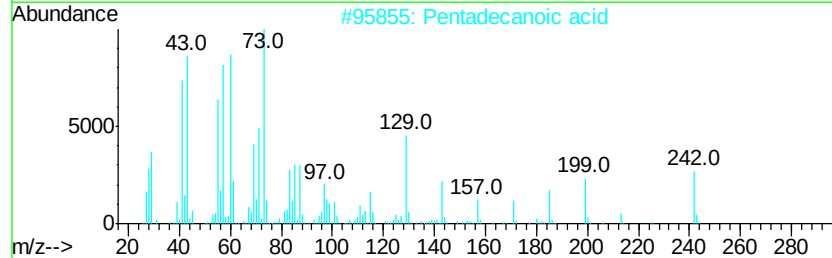
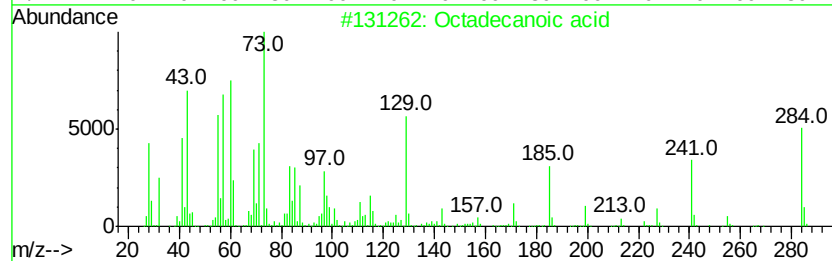
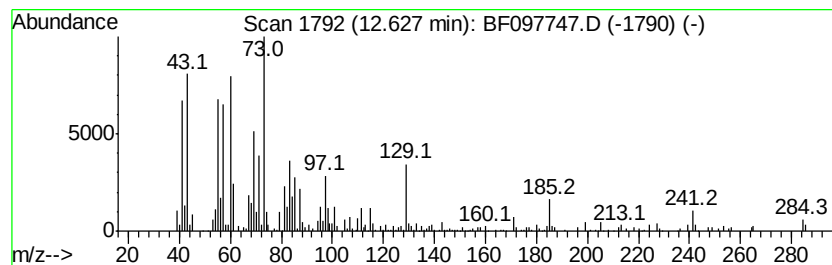
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.63	5.97 ng	257235	Chrysene-d12		13.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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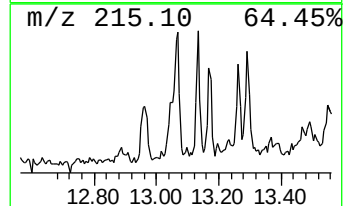
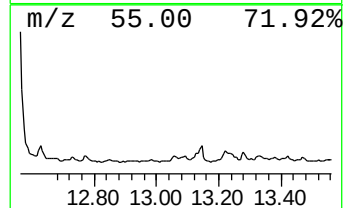
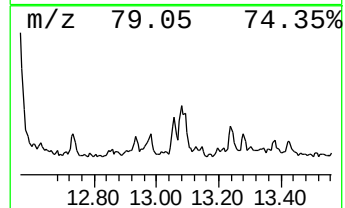
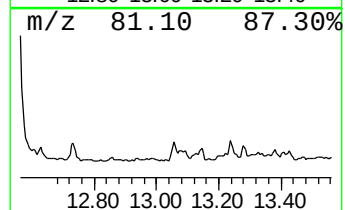
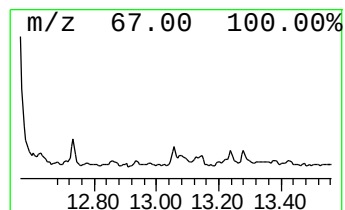
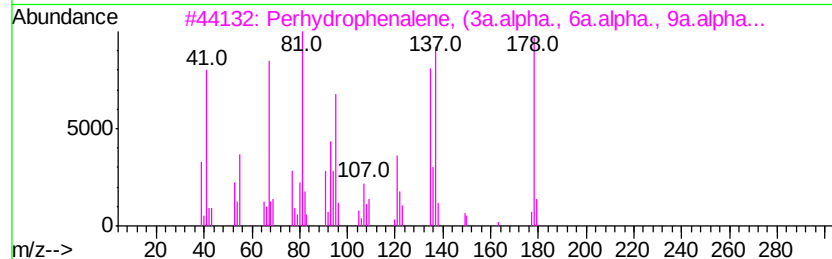
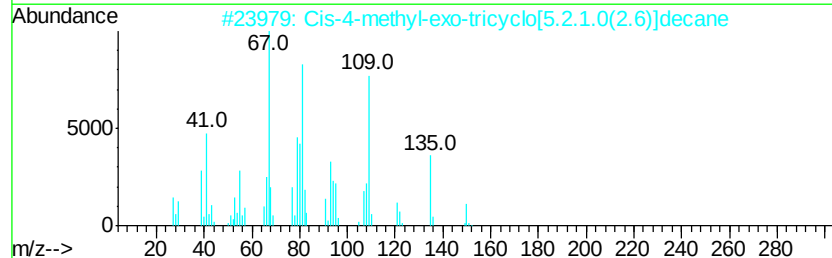
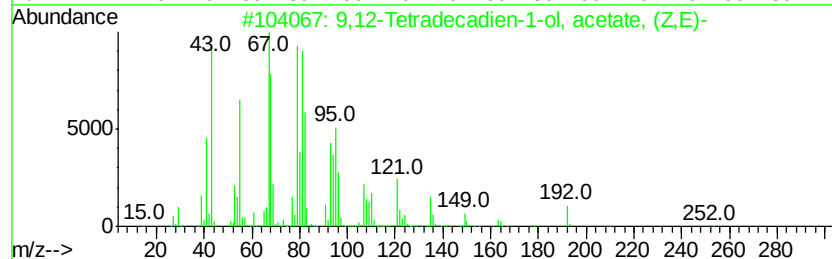
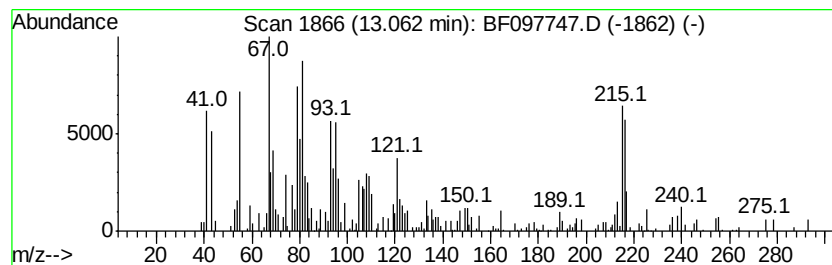
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Tetradecadien-1-ol, ac... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.06	3.60 ng	155384	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	91
2	Cis-4-methyl-exo-tricyclo[5.2.1]...	150	C11H18	1000215-29-2	64
3	Perhydrophenalene, (3a.alpha., 6...	178	C13H22	040250-64-4	62
4	Cis-8-methyl-exo-tricyclo[5.2.1]...	150	C11H18	1000215-29-3	55
5	Methyl (Z)-5,11,14,17-eicosatetr...	318	C21H34O2	059149-01-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
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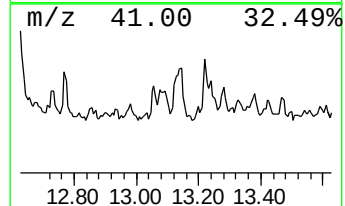
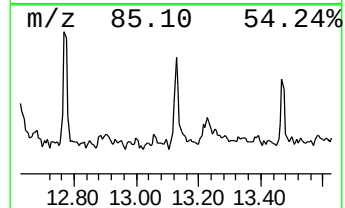
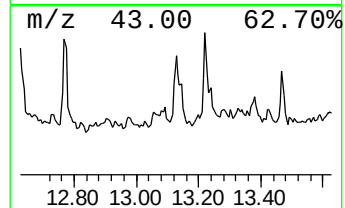
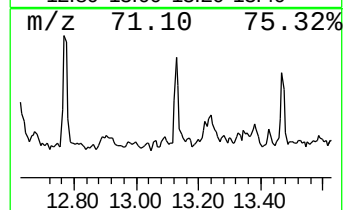
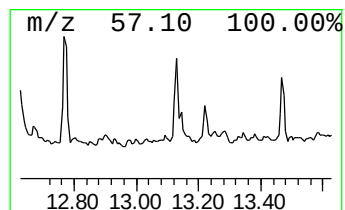
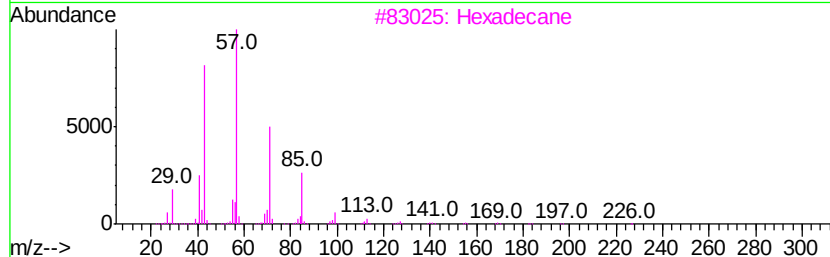
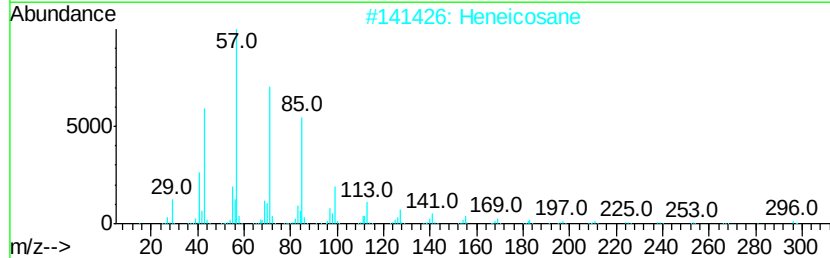
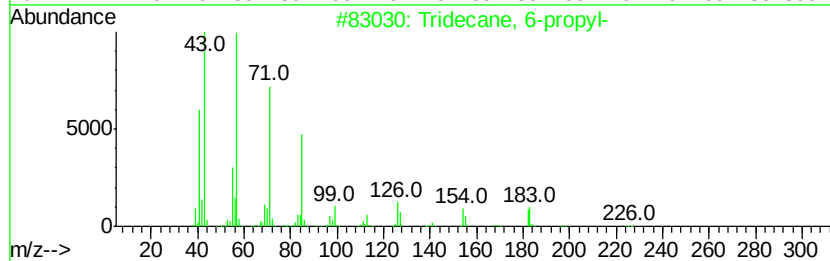
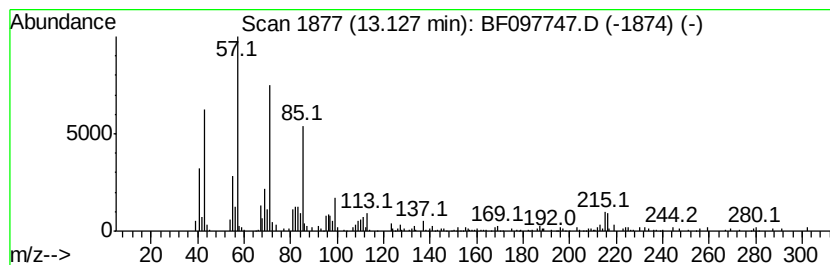
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.13	3.11 ng	134307	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
2	Heneicosane	296	C21H44	000629-94-7	80
3	Hexadecane	226	C16H34	000544-76-3	76
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	76
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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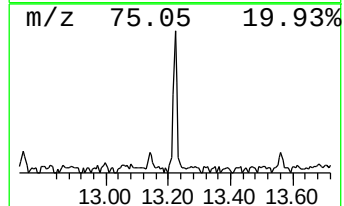
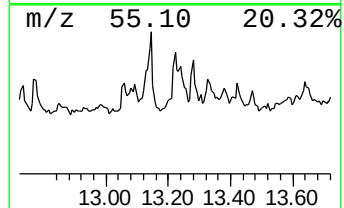
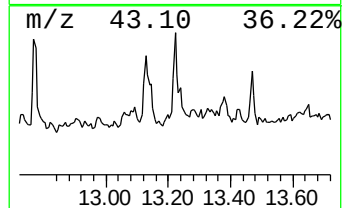
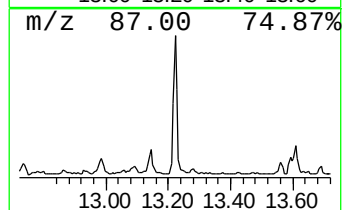
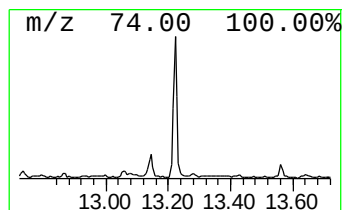
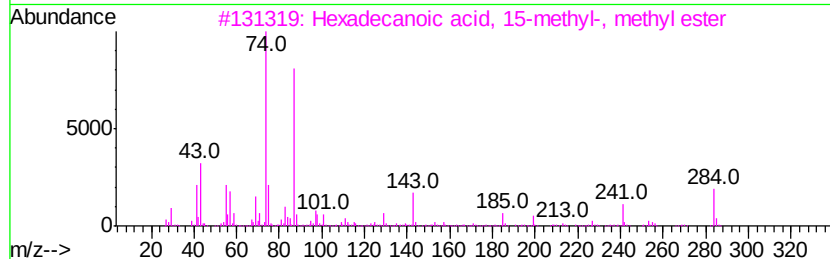
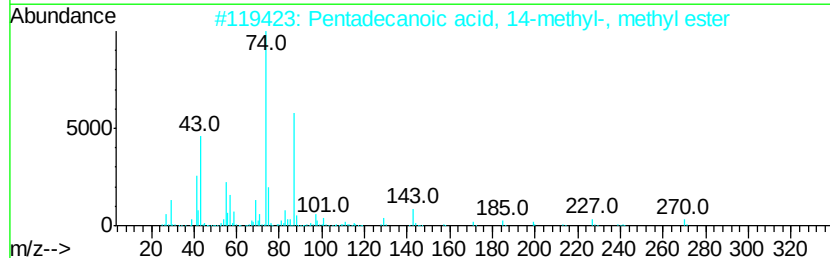
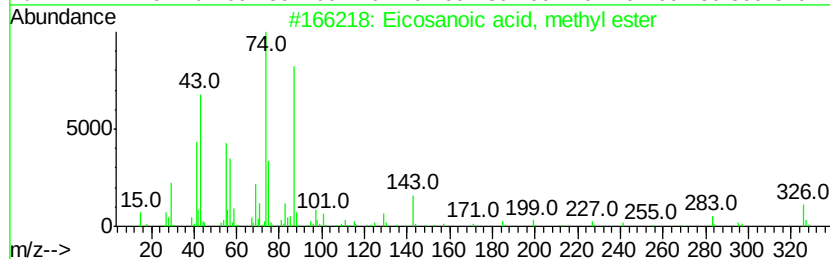
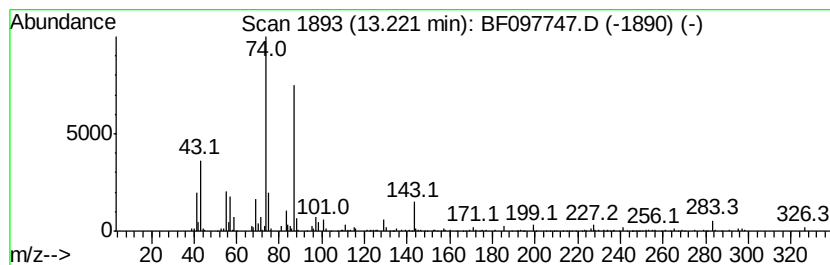
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EO-02-081417-C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.22	4.94 ng	213017	Chrysene-d12	13.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	91
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
4		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081617\
 Data File : BF097747.D
 Acq On : 16 Aug 2017 19:08
 Operator : SJ/JU
 Sample : I4793-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081417-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.54	6.54	17.2	ng	762250	1	6.78	887814	20.0
Nonadecane	9.23	2.9	ng	167173	3	9.82	1168990	20.0
Pentadecane	9.76	3.1	ng	181392	3	9.82	1168990	20.0
Bacchotricuneatin c	10.26	4.5	ng	261057	3	9.82	1168990	20.0
Undecane	10.47	4.5	ng	260670	3	9.82	1168990	20.0
Heptadecane	10.73	11.6	ng	555188	4	11.30	957614	20.0
Dodecane, 1-iodo-	11.17	8.1	ng	386641	4	11.30	957614	20.0
Heneicosane	11.21	4.1	ng	194372	4	11.30	957614	20.0
Tridecane, 1-iodo-	11.60	6.1	ng	290773	4	11.30	957614	20.0
Hexadecanoic acid...	11.70	61.4	ng	2940190	4	11.30	957614	20.0
n-Hexadecanoic acid	11.84	6.0	ng	286546	4	11.30	957614	20.0
Heptacosane	12.01	6.2	ng	297610	4	11.30	957614	20.0
9,12-Octadecadien...	12.40	183.1	ng	8765730	4	11.30	957614	20.0
15-Octadecenoic a...	12.42	140.7	ng	6735520	4	11.30	957614	20.0
9-Octadecenoic ac...	12.56	71.4	ng	3420610	4	11.30	957614	20.0
Octadecanoic acid	12.63	6.0	ng	257235	5	13.93	862344	20.0
9,12-Tetradecadie...	13.06	3.6	ng	155384	5	13.93	862344	20.0
Tridecane, 6-propyl-	13.13	3.1	ng	134307	5	13.93	862344	20.0
Eicosanoic acid, ...	13.22	4.9	ng	213017	5	13.93	862344	20.0