

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101903.D
 Acq On : 4 Jan 2018 20:49
 Operator : SJ/JU
 Sample : J1012-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-G

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	490	493	503	rBV	28611	67886	1.60%	0.329%
2	5.416	563	566	589	rBV	209467	609171	14.32%	2.949%
3	6.445	737	741	757	rBV	215604	595482	14.00%	2.883%
4	6.557	757	760	773	rVB2	432302	743386	17.48%	3.599%
5	6.769	793	796	808	rBV	617599	726758	17.09%	3.518%
6	6.928	820	823	831	rBV	414285	456187	10.73%	2.208%
7	7.351	892	895	909	rBV2	253873	423154	9.95%	2.048%
8	7.787	965	969	972	rBV3	47987	49141	1.16%	0.238%
9	8.016	1005	1008	1011	rBV	154316	135360	3.18%	0.655%
10	8.057	1011	1015	1020	rVV	670884	767042	18.03%	3.713%
11	8.092	1020	1021	1024	rVB	78073	51920	1.22%	0.251%
12	8.328	1058	1061	1066	rBV4	39514	52222	1.23%	0.253%
13	8.451	1080	1082	1085	rVB	65082	49750	1.17%	0.241%
14	8.628	1106	1112	1116	rBV	180700	164060	3.86%	0.794%
15	8.986	1171	1173	1177	rBV	43750	43266	1.02%	0.209%
16	9.051	1182	1184	1188	rVB2	51682	43133	1.01%	0.209%
17	9.122	1194	1196	1204	rBV	489963	511325	12.02%	2.475%
18	9.192	1204	1208	1212	rVV	191588	167321	3.93%	0.810%
19	9.504	1258	1261	1264	rBV3	59410	75377	1.77%	0.365%
20	9.716	1295	1297	1302	rVB	166611	145893	3.43%	0.706%
21	9.810	1309	1313	1320	rVB	629973	631388	14.84%	3.056%
22	10.039	1349	1352	1356	rBV2	35682	44916	1.06%	0.217%
23	10.216	1379	1382	1385	rBV	169697	125634	2.95%	0.608%
24	10.433	1414	1419	1422	rBV	58220	72369	1.70%	0.350%
25	10.616	1447	1450	1460	rBV	180917	232509	5.47%	1.126%
26	10.692	1460	1463	1467	rBV	139115	153823	3.62%	0.745%
27	11.139	1535	1539	1541	rBV	108050	92274	2.17%	0.447%
28	11.304	1563	1567	1577	rBV	662330	701065	16.48%	3.394%
29	11.563	1609	1611	1614	rBV	86693	69802	1.64%	0.338%
30	11.669	1625	1629	1633	rVB	1797258	1489759	35.03%	7.212%
31	11.810	1650	1653	1657	rBV3	39060	51755	1.22%	0.251%
32	11.969	1677	1680	1683	rBV	68122	61228	1.44%	0.296%
33	12.357	1742	1746	1748	rBV	3732068	4253208	100.00%	20.589%
34	12.380	1748	1750	1756	rVV2	3380210	3194516	75.11%	15.464%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.463	1760	1764	1767	rVV	732058	661674	15.56%	3.203%
36	12.504	1768	1771	1772	rBV2	51555	53074	1.25%	0.257%
37	12.527	1772	1775	1781	rVB	108507	165262	3.89%	0.800%
38	12.698	1801	1804	1807	rBV	117404	100801	2.37%	0.488%
39	12.733	1807	1810	1812	rBV2	57600	61386	1.44%	0.297%
40	12.757	1812	1814	1818	rVB	81368	75506	1.78%	0.366%
41	12.880	1829	1835	1838	rBV	567366	520710	12.24%	2.521%
42	13.021	1856	1859	1861	rBV	87736	81177	1.91%	0.393%
43	13.051	1861	1864	1865	rVV3	60478	72799	1.71%	0.352%
44	13.086	1868	1870	1872	rVV3	80792	88387	2.08%	0.428%
45	13.104	1872	1873	1879	rVB5	70838	73335	1.72%	0.355%
46	13.180	1884	1886	1889	rBV	91492	94714	2.23%	0.458%
47	13.851	1997	2000	2004	rBV3	93694	96651	2.27%	0.468%
48	13.957	2014	2018	2022	rBV	822544	827002	19.44%	4.003%
49	14.798	2158	2161	2167	rVB	106201	143634	3.38%	0.695%
50	15.427	2264	2268	2274	rVB	364203	489492	11.51%	2.370%

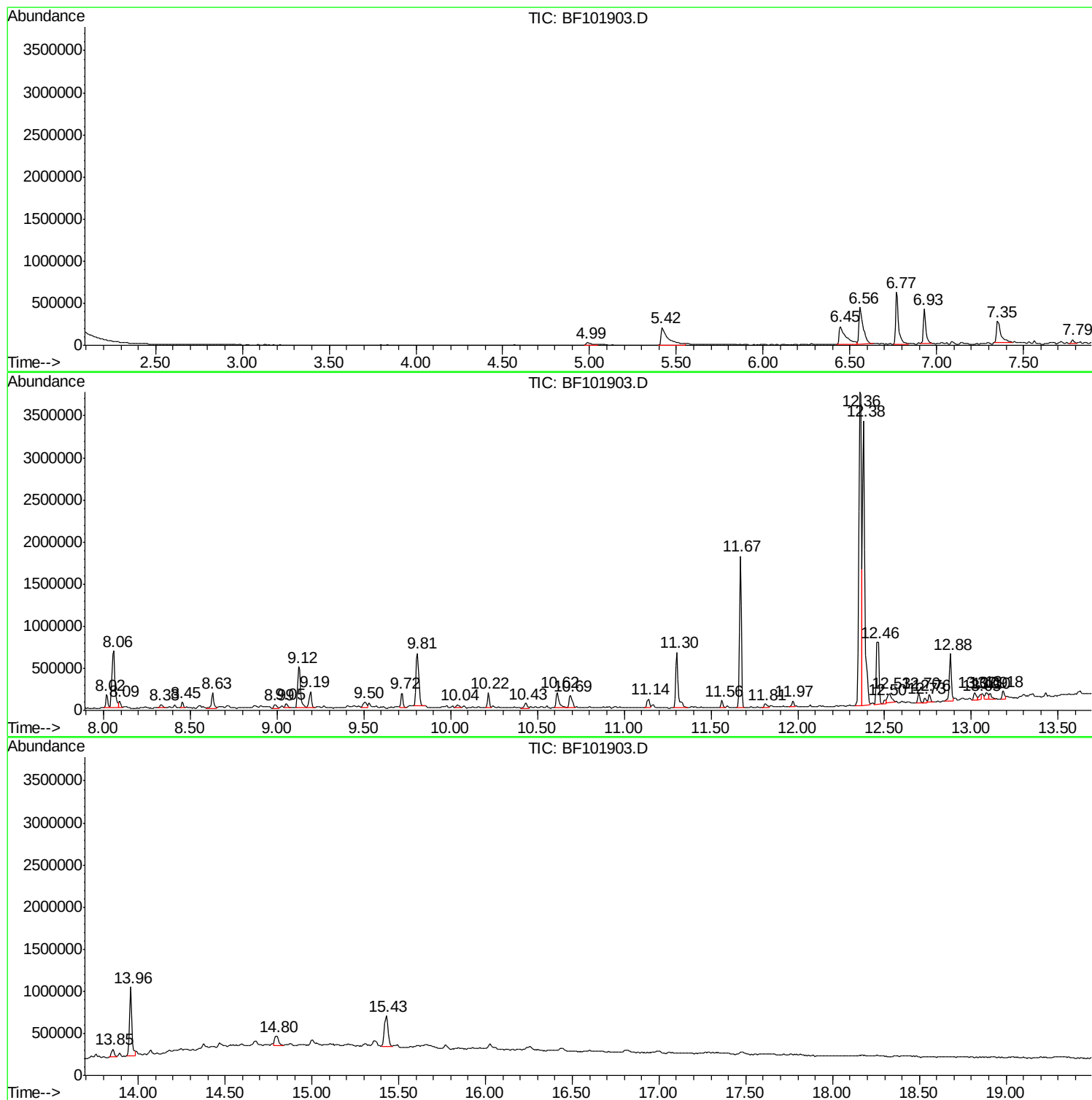
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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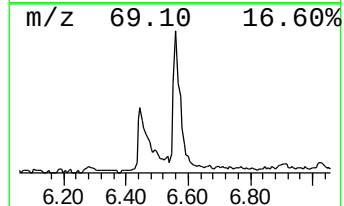
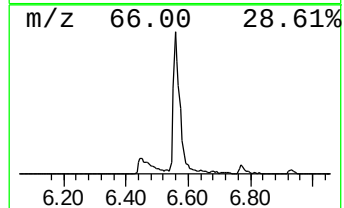
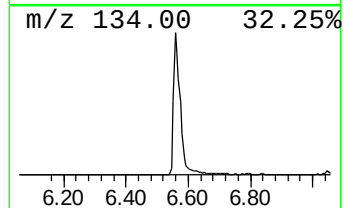
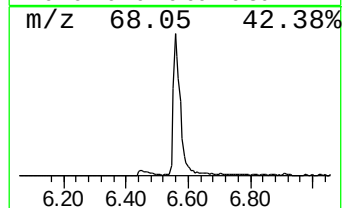
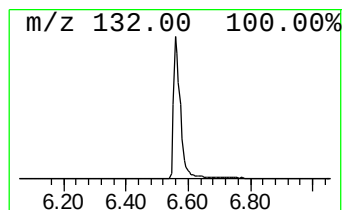
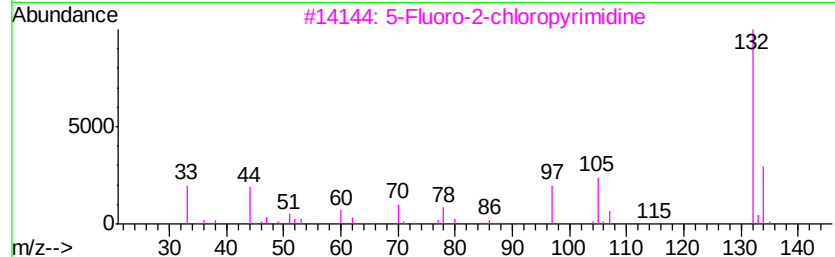
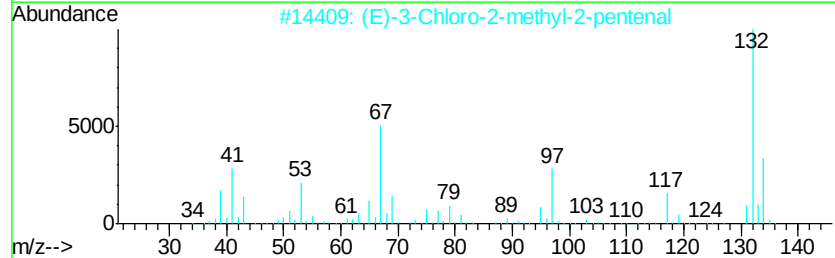
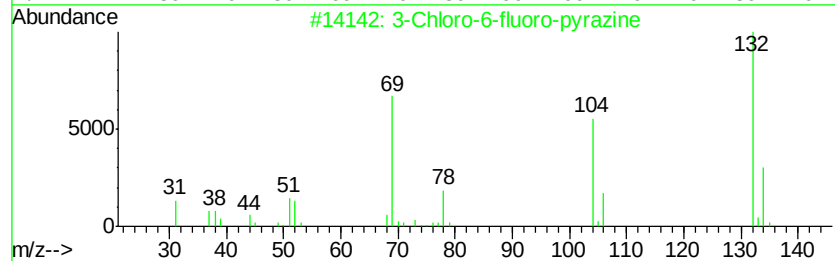
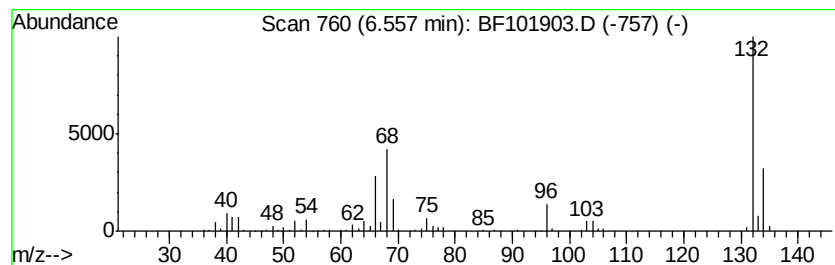
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	20.46 ng	743386	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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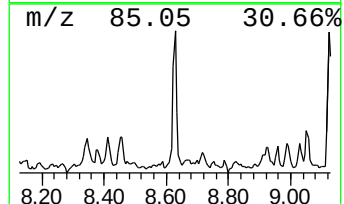
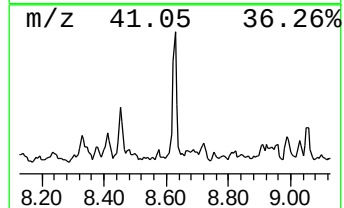
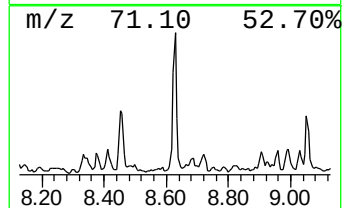
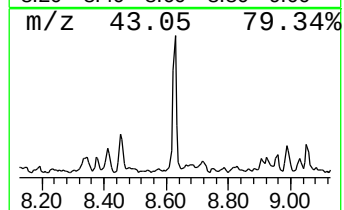
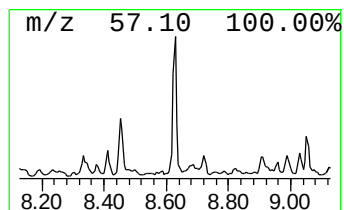
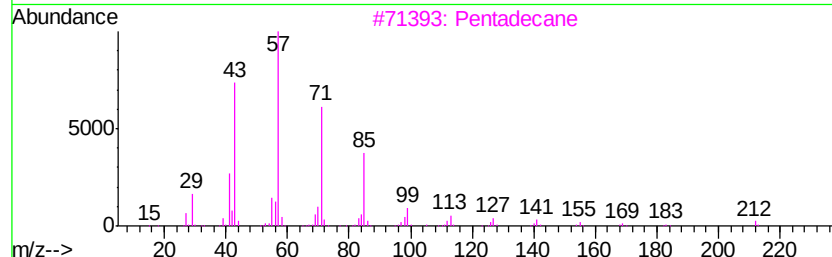
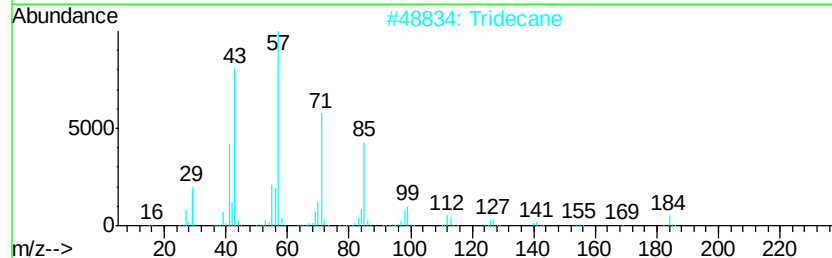
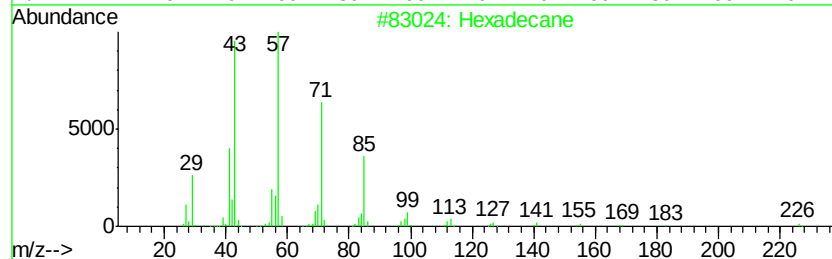
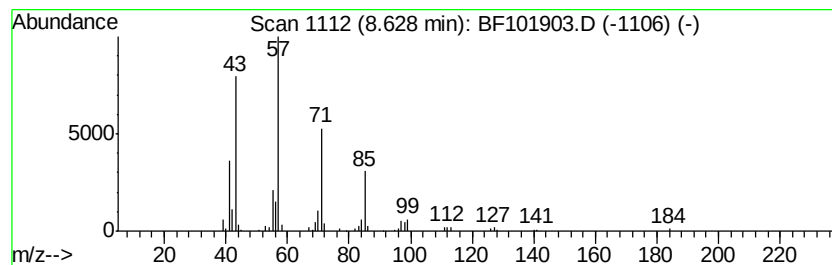
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	4.28 ng	164060	Naphthalene-d8	8.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	86
2	Tridecane	184 C13H28	000629-50-5	86
3	Pentadecane	212 C15H32	000629-62-9	86
4	Tetradecane	198 C14H30	000629-59-4	86
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83



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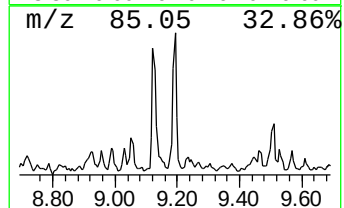
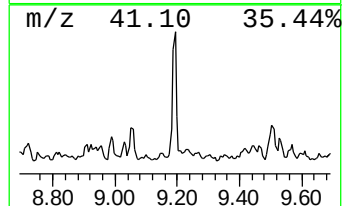
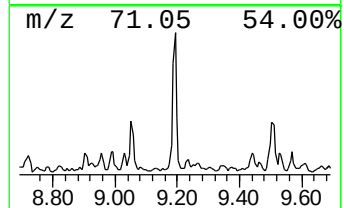
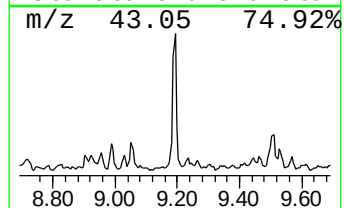
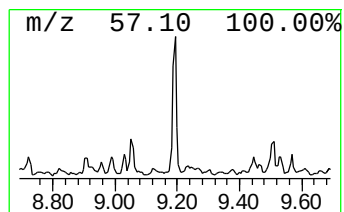
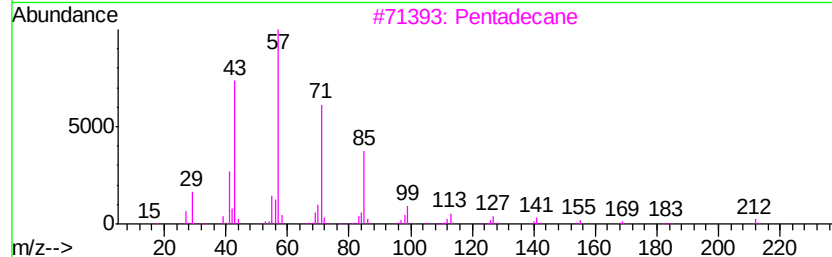
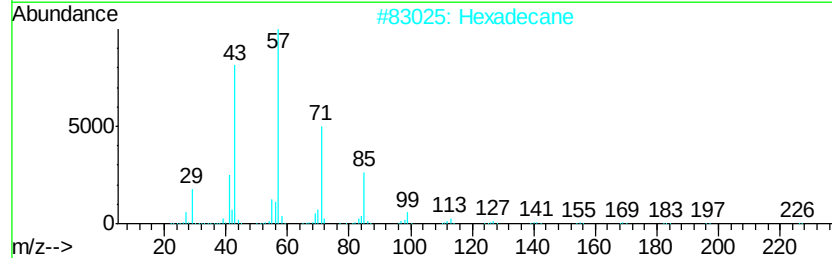
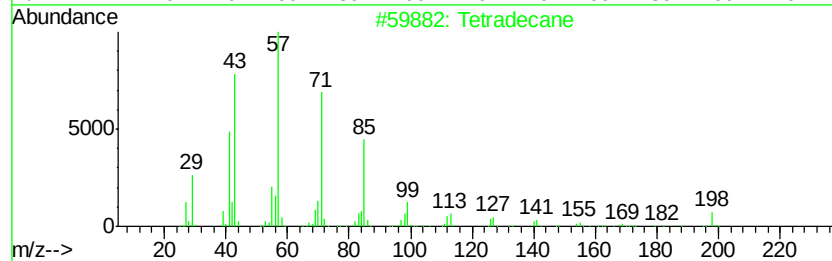
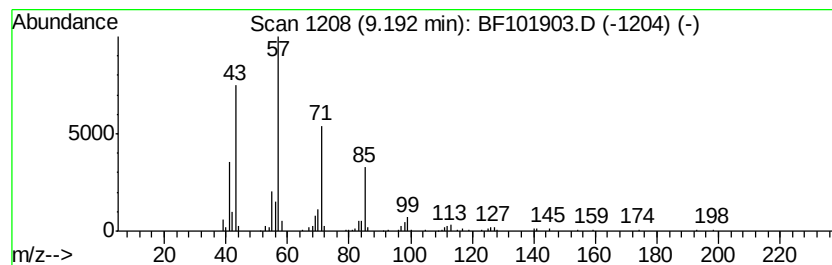
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	5.30 ng	167321	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	86
4		Undecane	156	C11H24	001120-21-4	86
5		Tridecane	184	C13H28	000629-50-5	86



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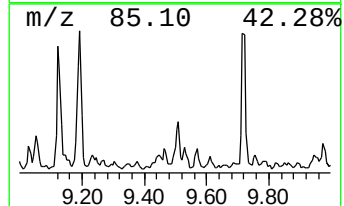
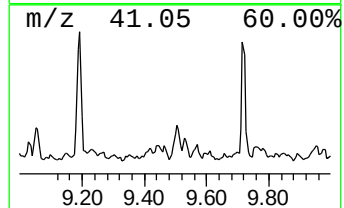
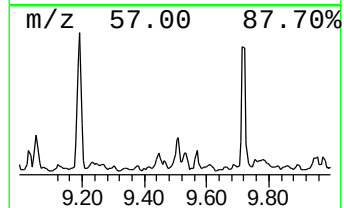
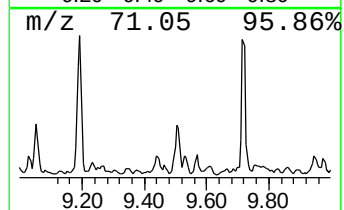
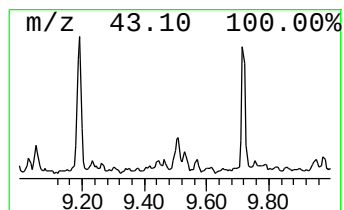
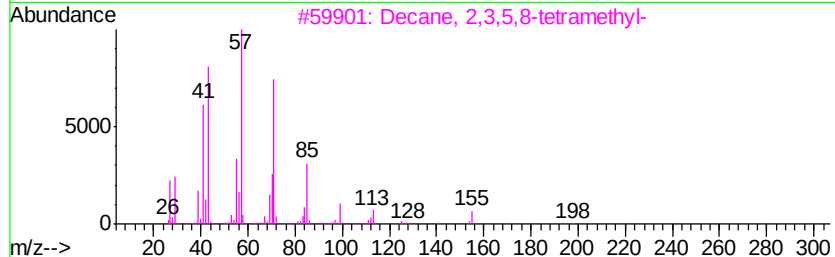
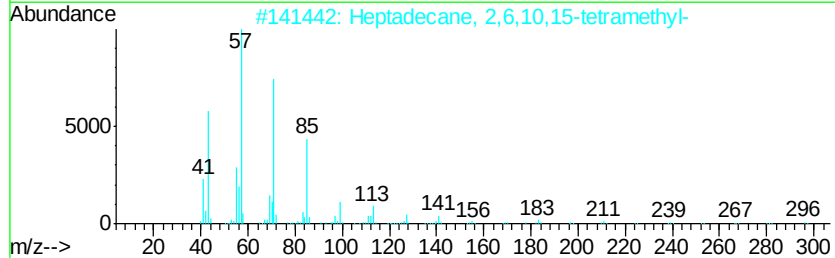
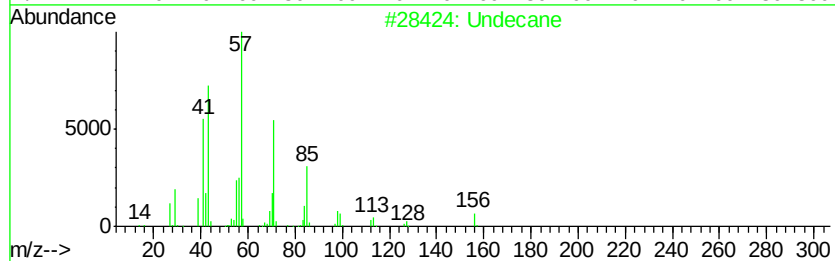
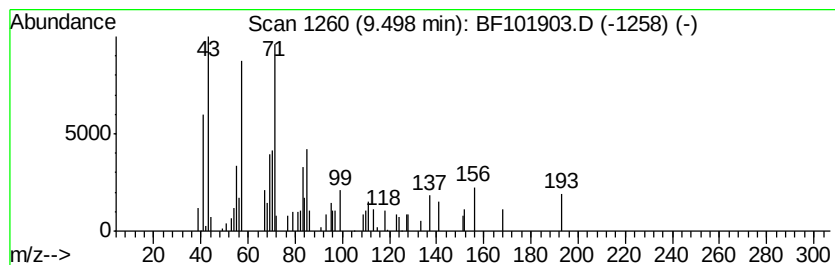
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.39 ng	75377	Acenaphthene-d10	9.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 74
2	Heptadecane, 2,6,10,15-tetramethyl-		296 C21H44	054833-48-6 72
3	Decane, 2,3,5,8-tetramethyl-		198 C14H30	192823-15-7 72
4	Tridecane, 1-iodo-		310 C13H27I	035599-77-0 64
5	Heptacosane		380 C27H56	000593-49-7 52



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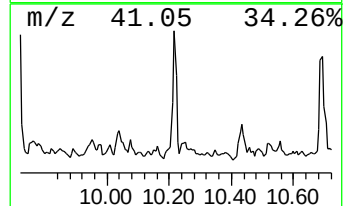
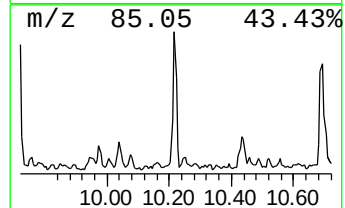
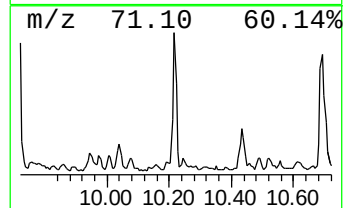
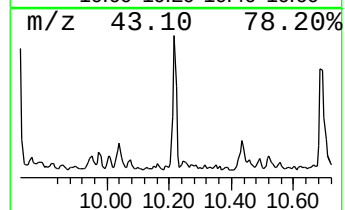
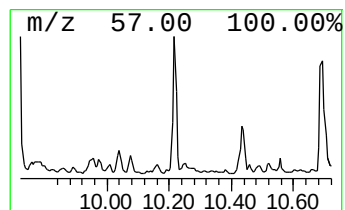
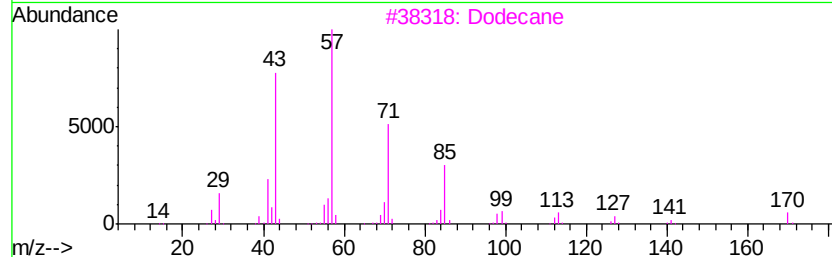
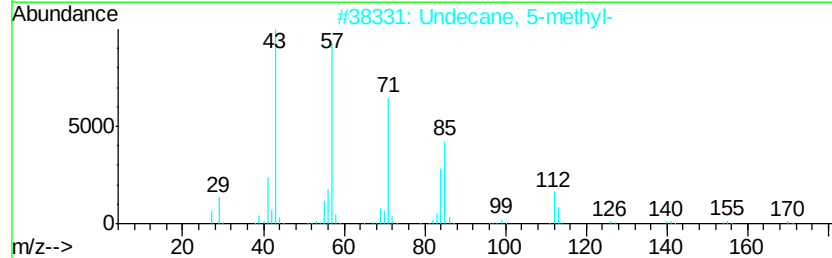
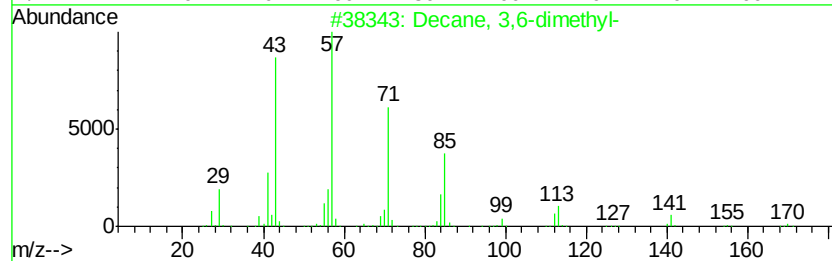
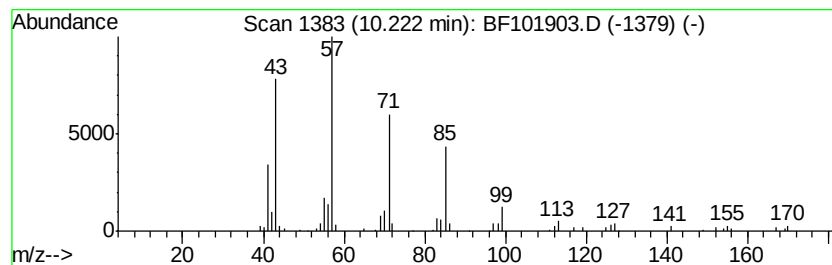
Instrument :
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ClientSampleId :
JC-03-010318-G

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

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

Peak Number 7 Decane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	3.98 ng	125634	Acenaphthene-d10	9.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	80
2	Undecane, 5-methyl-	170 C12H26	001632-70-8	76
3	Dodecane	170 C12H26	000112-40-3	74
4	5-Ethyldecane	170 C12H26	017302-36-2	72
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
Sample : J1012-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

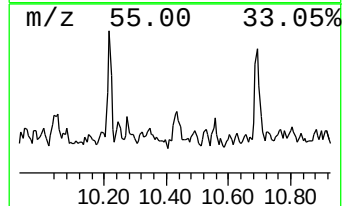
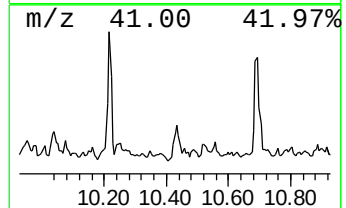
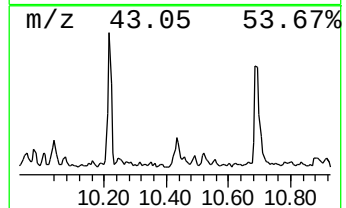
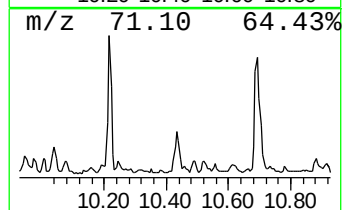
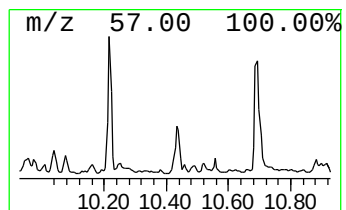
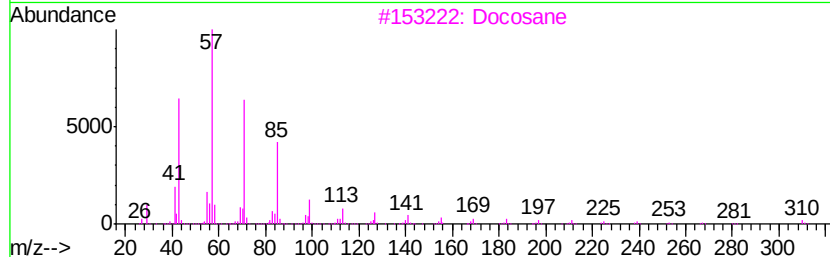
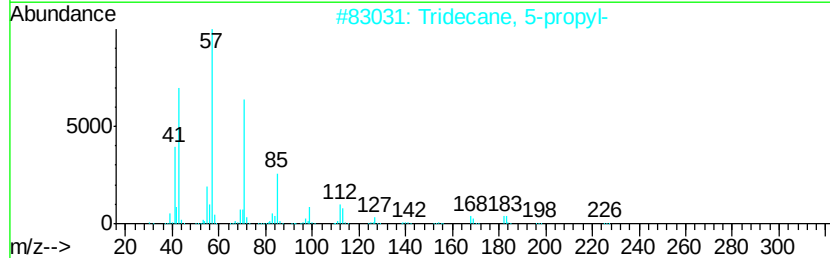
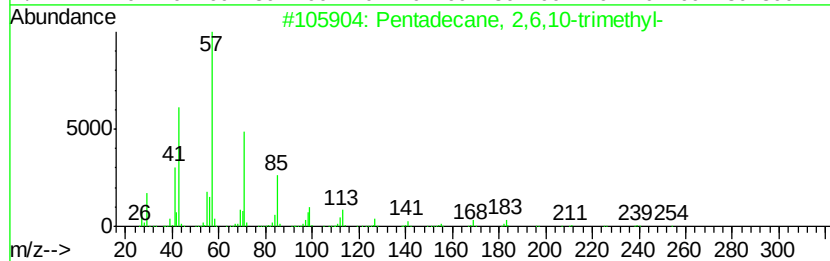
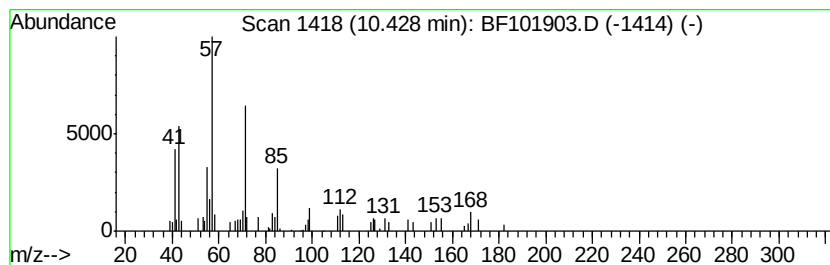
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.29 ng	72369	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Docosane	310	C22H46	000629-97-0	64
4		Heptacosane	380	C27H56	000593-49-7	59
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
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Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
Sample : J1012-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-010318-G

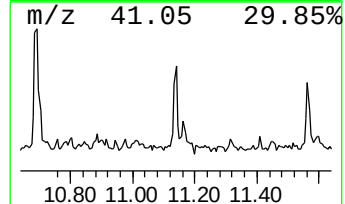
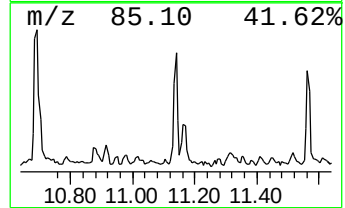
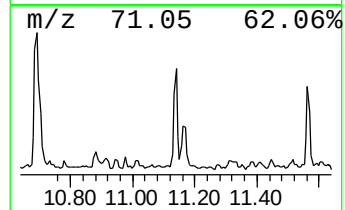
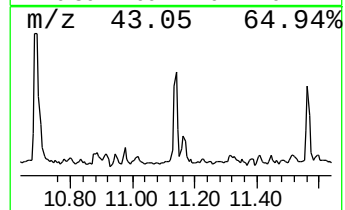
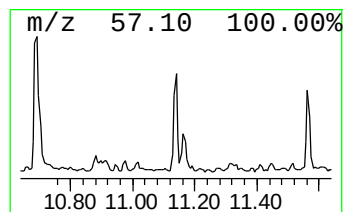
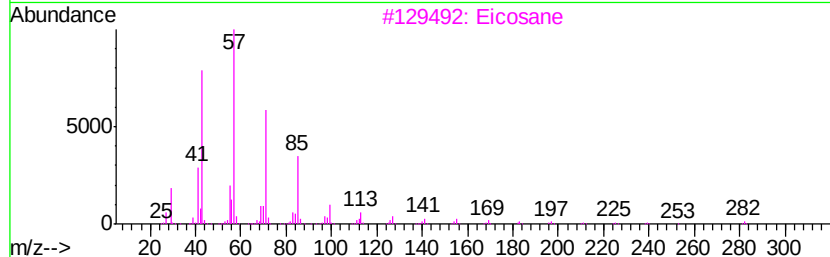
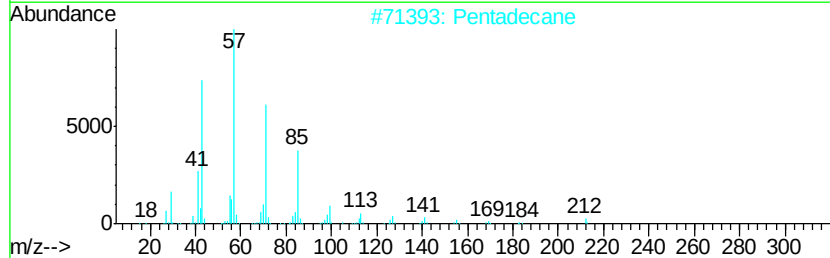
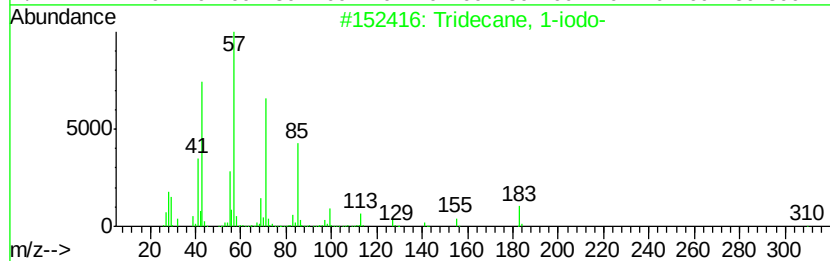
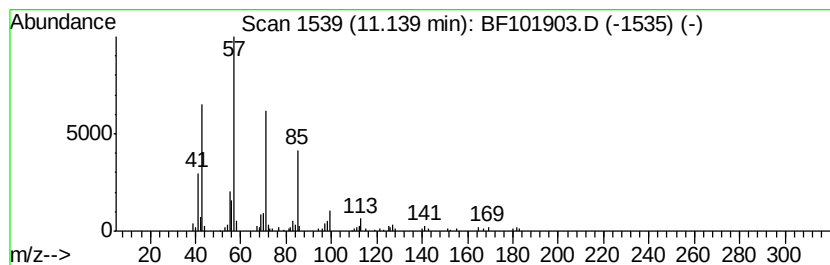
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.63 ng	92274	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	86
3			Eicosane	282	C20H42	000112-95-8	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
Sample : J1012-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

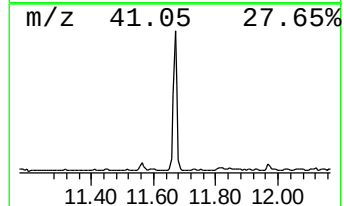
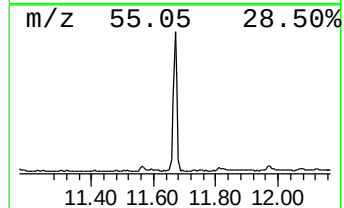
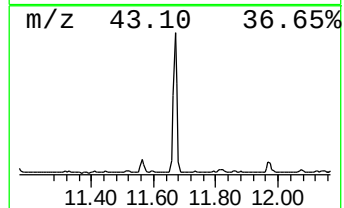
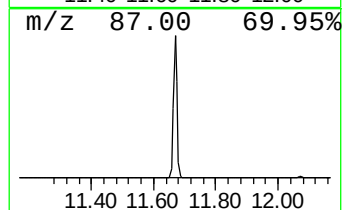
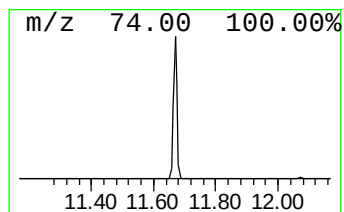
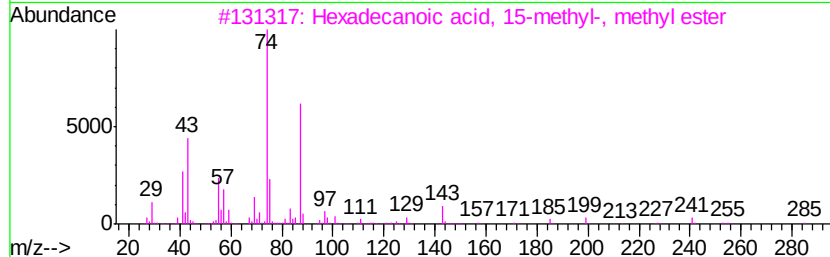
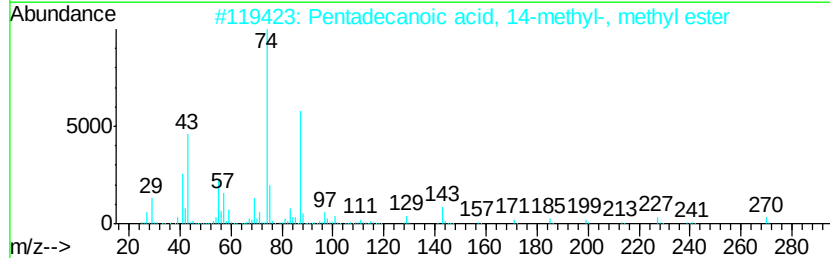
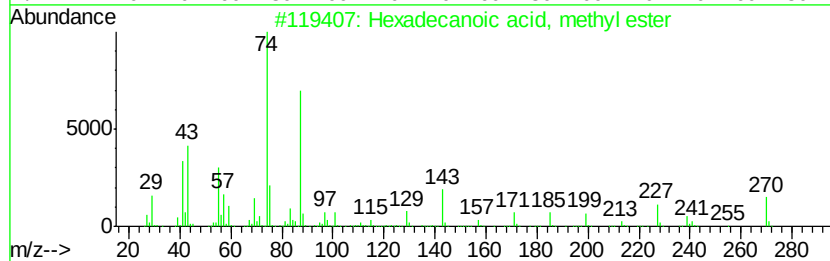
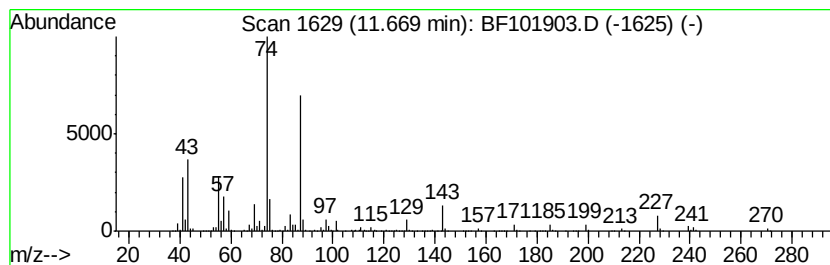
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	42.50 ng	1489760	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
4		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
JC-03-010318-G

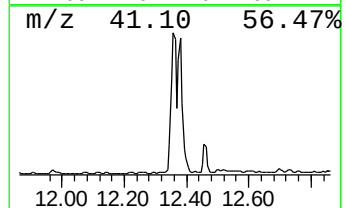
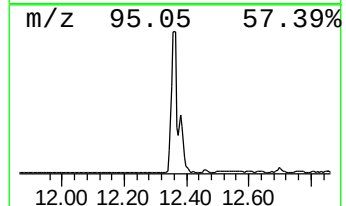
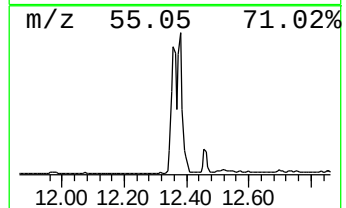
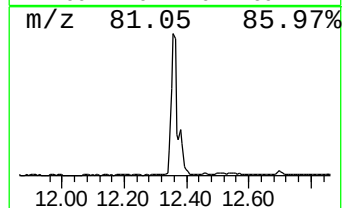
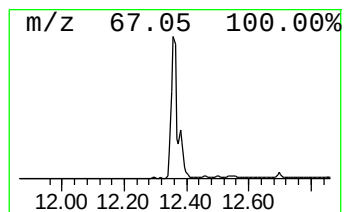
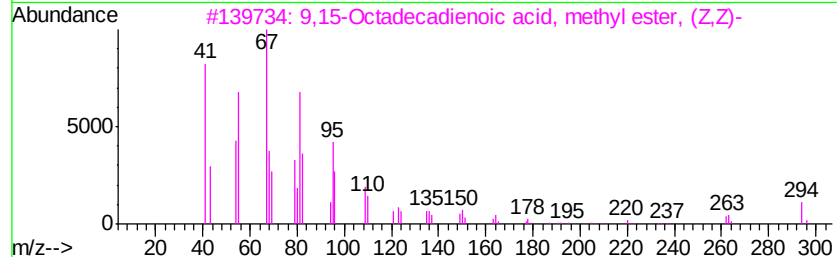
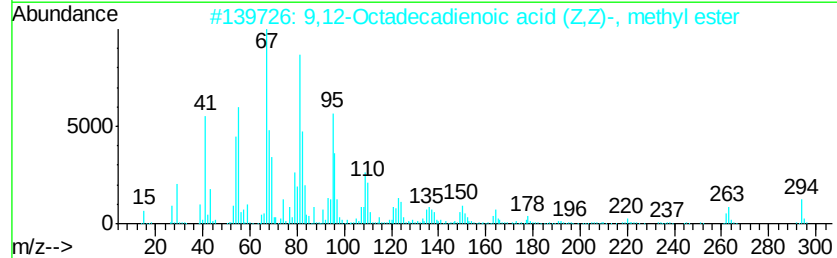
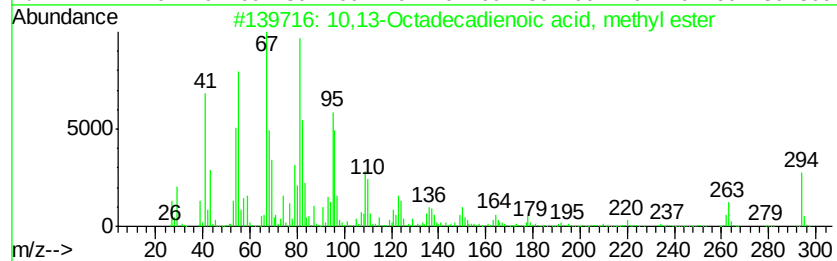
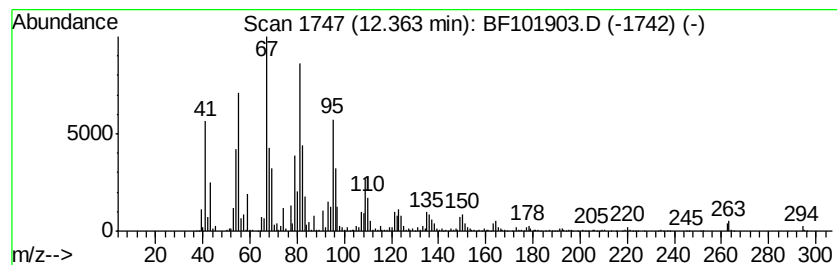
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	121.34 ng	4253210	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
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Misc :
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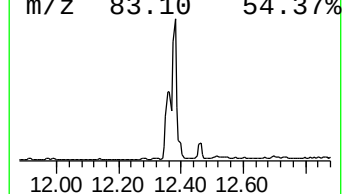
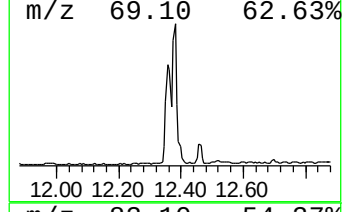
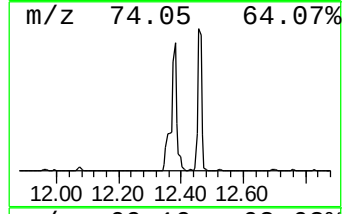
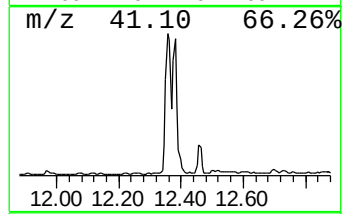
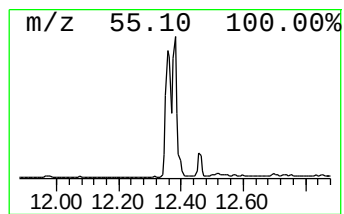
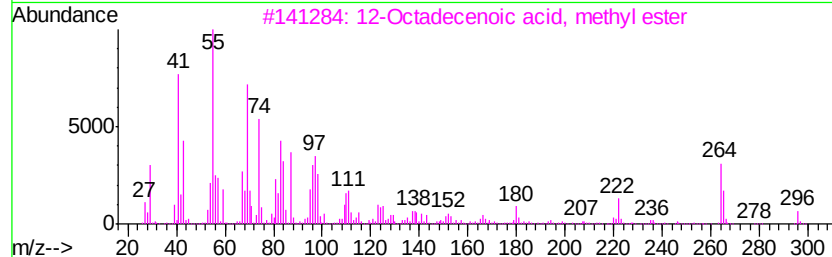
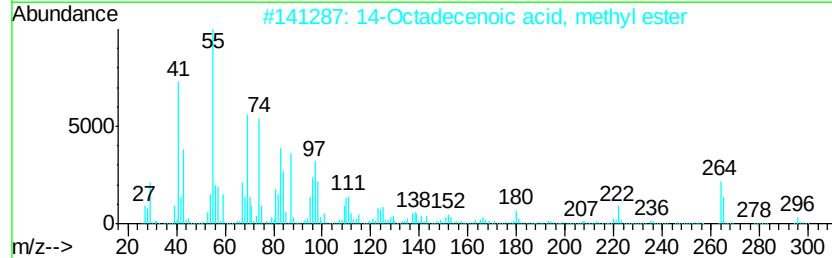
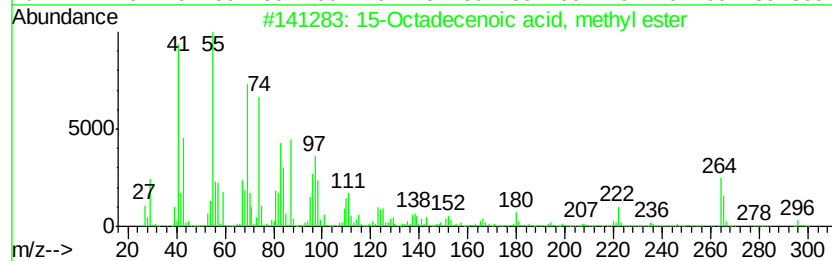
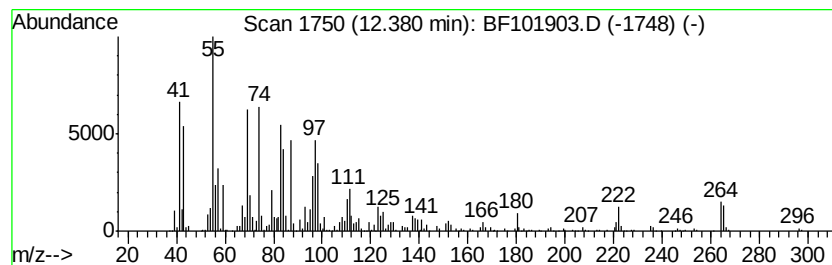
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 15-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	91.13 ng	3194520	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
3			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
5			9-Octadecenoic acid, methyl ester	296	C19H36O2	001937-62-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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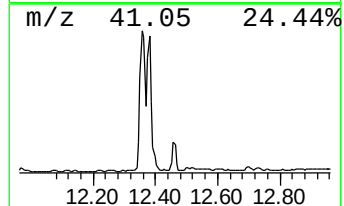
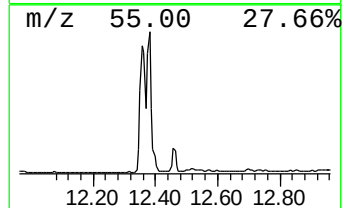
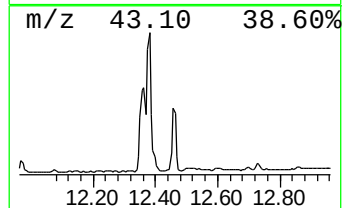
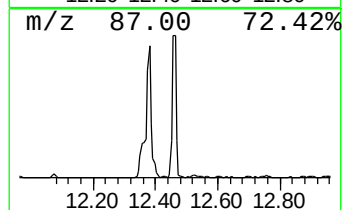
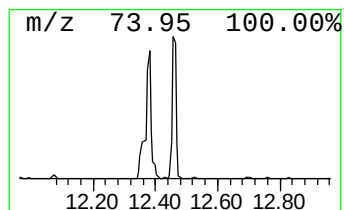
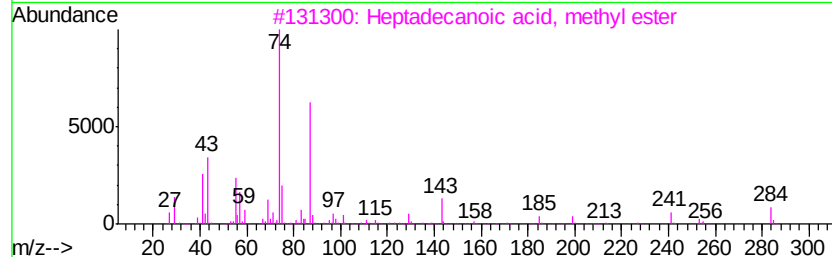
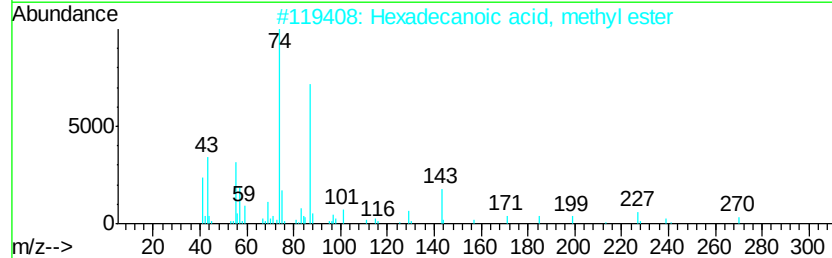
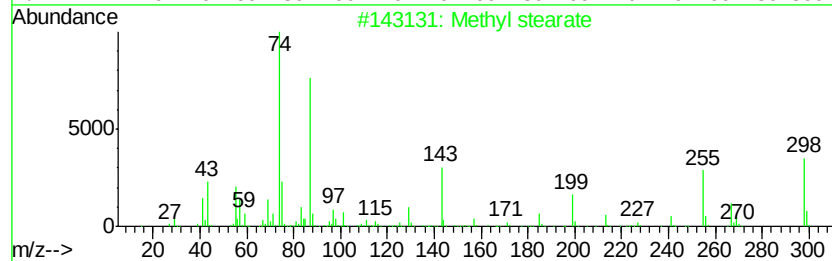
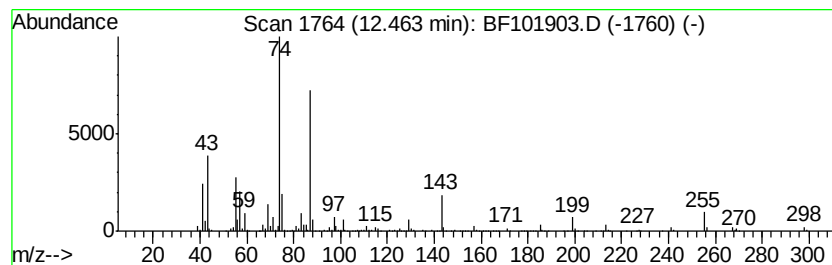
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	18.88 ng	661674	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	97
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
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Sample : J1012-13 5X
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ALS Vial : 19 Sample Multiplier: 1

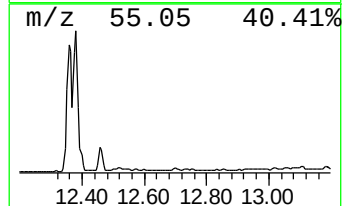
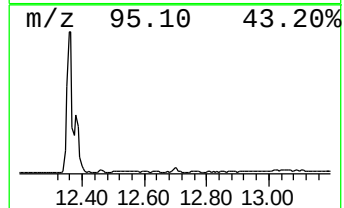
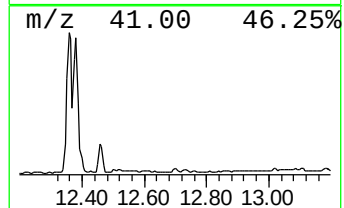
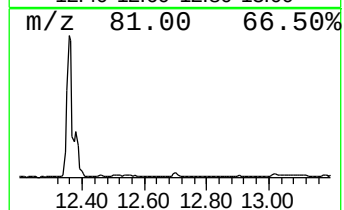
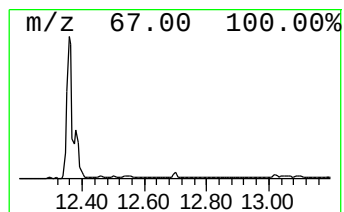
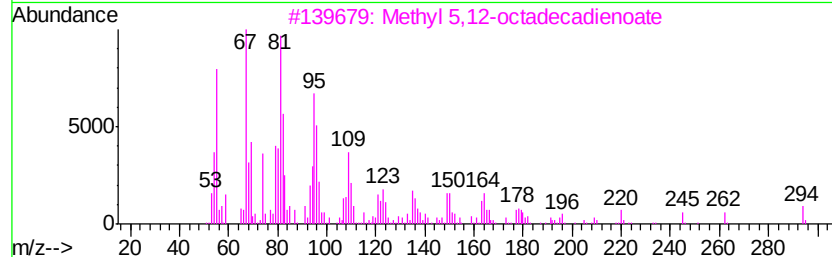
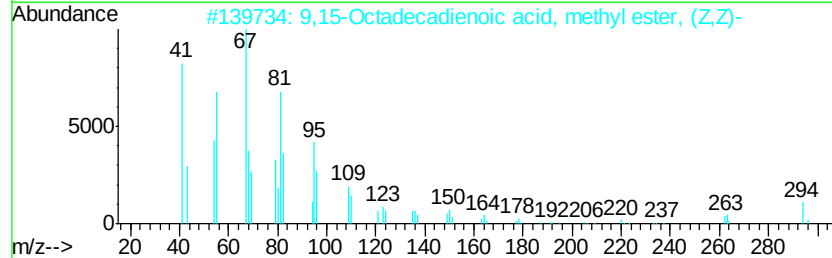
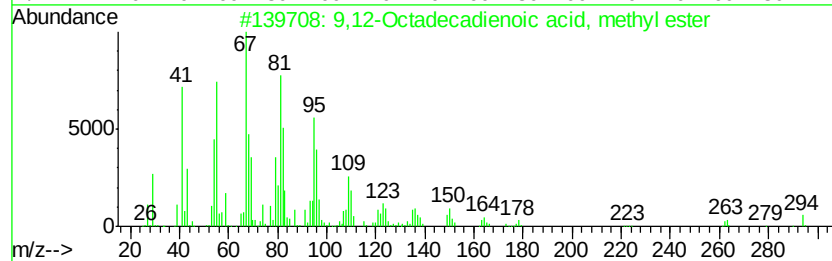
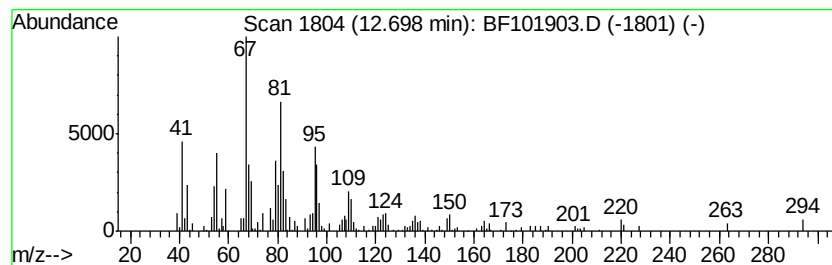
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ClientSampleId :
JC-03-010318-G

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

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.44 ng	100801	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3	93
2	9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6	91
3	Methyl 5,12-octadecadienoate	294 C19H34O2	1000336-43-1	91
4	12,15-Octadecadienoic acid, meth...	294 C19H34O2	057156-97-5	87
5	9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
Sample : J1012-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

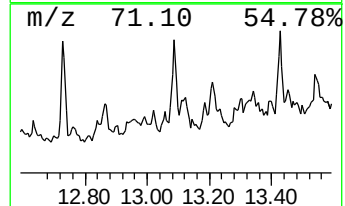
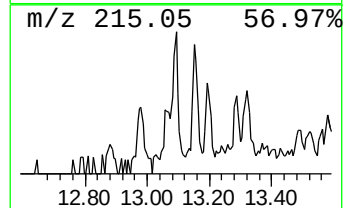
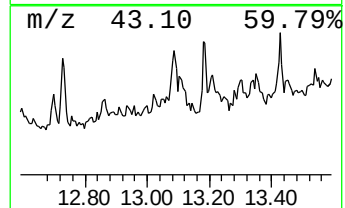
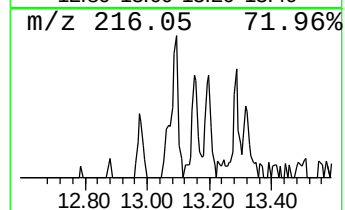
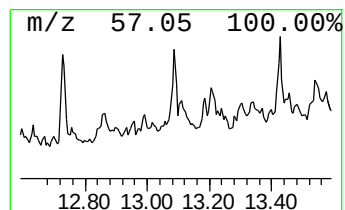
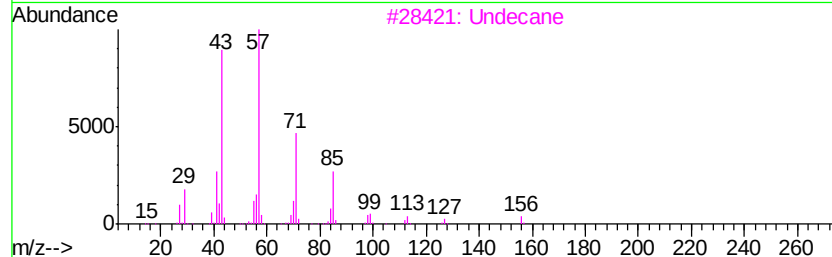
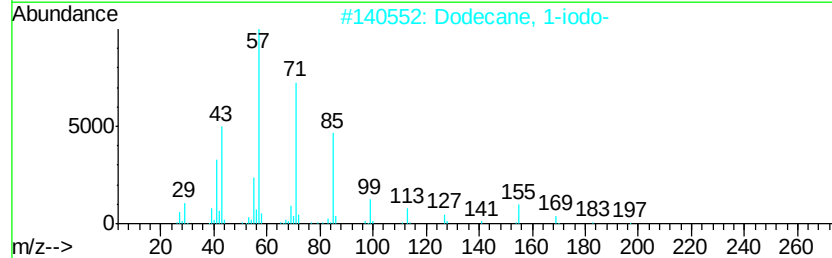
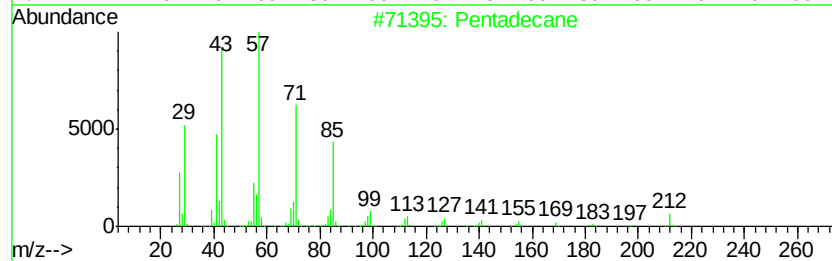
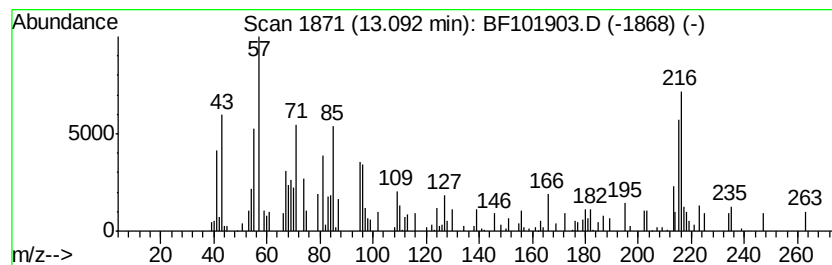
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.09	2.14 ng	88387	Chrysene-d12		13.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	55
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
3	Undecane	156	C11H24	001120-21-4	46
4	Nonadecane	268	C19H40	000629-92-5	43
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
Sample : J1012-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

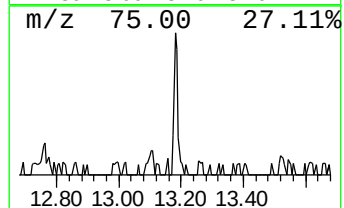
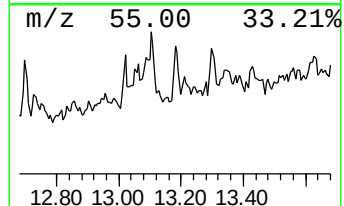
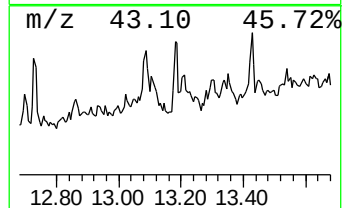
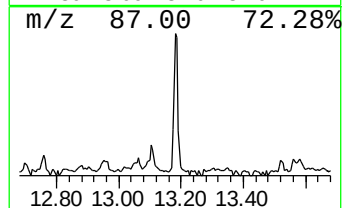
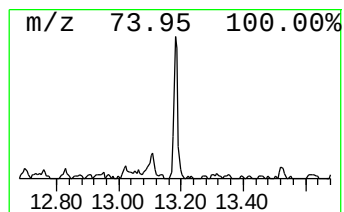
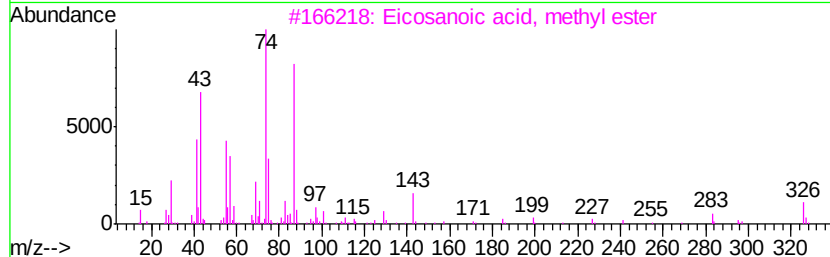
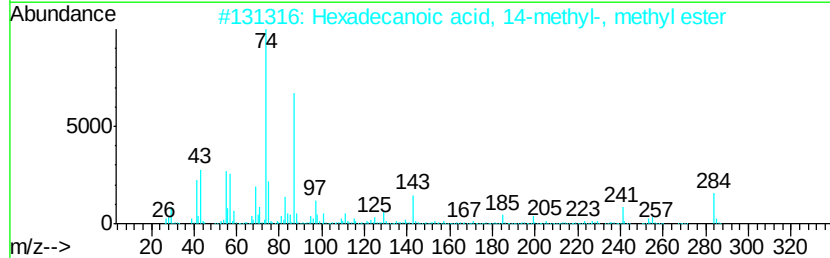
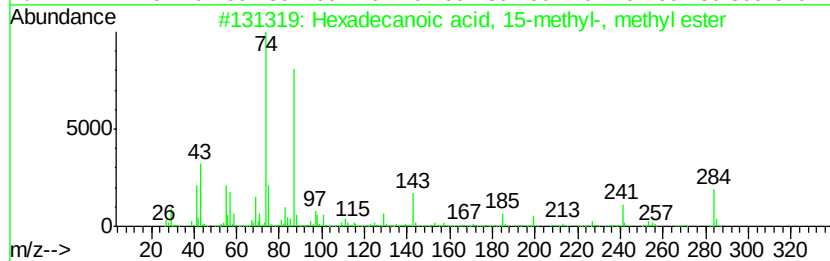
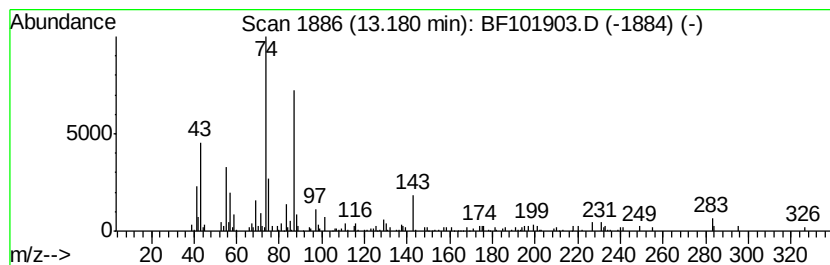
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, 15-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.29 ng	94714	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
2		Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
3		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	91
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
Sample : J1012-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

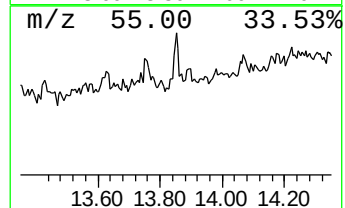
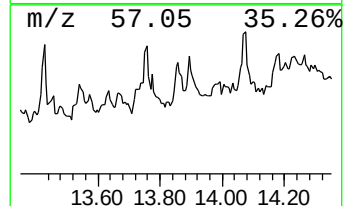
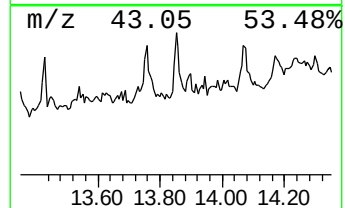
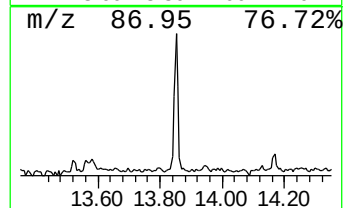
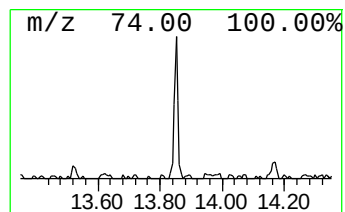
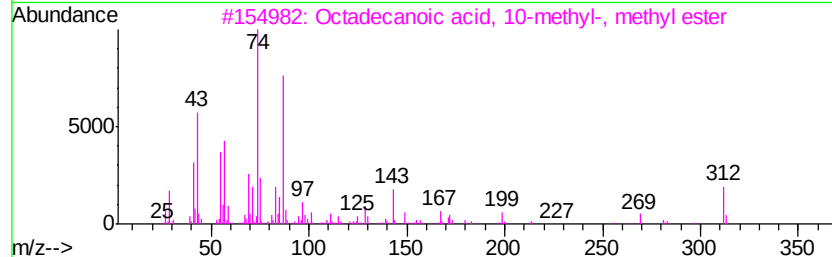
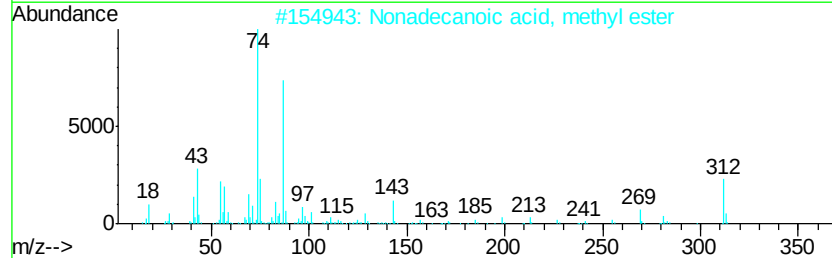
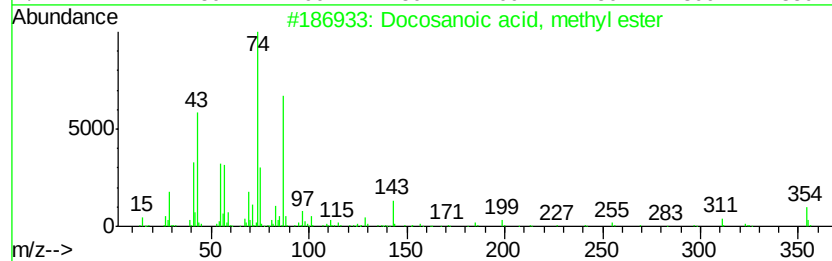
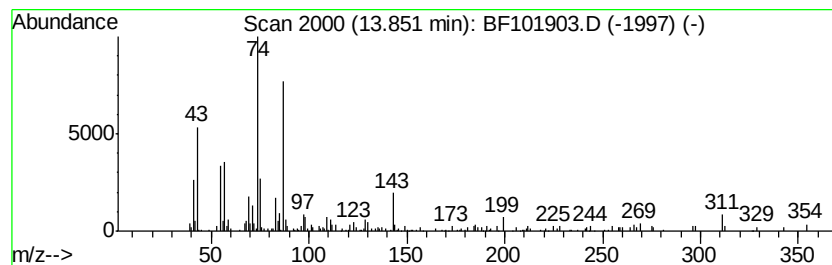
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.34 ng	96651	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	94
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
3		Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	87
4		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	86
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101903.D
Acq On : 4 Jan 2018 20:49
Operator : SJ/JU
Sample : J1012-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-010318-G

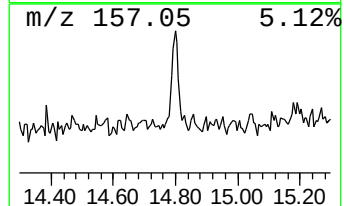
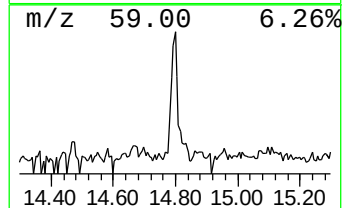
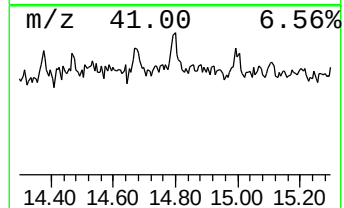
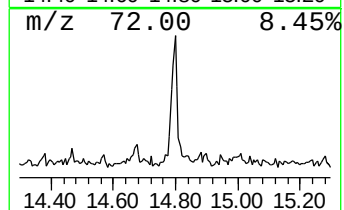
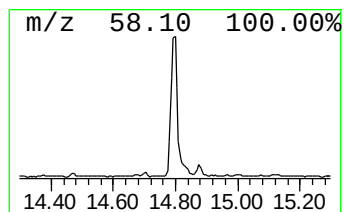
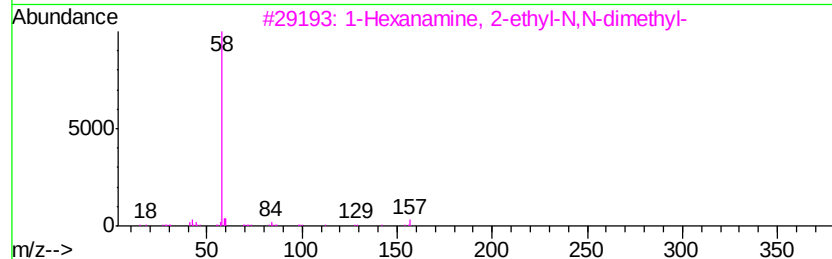
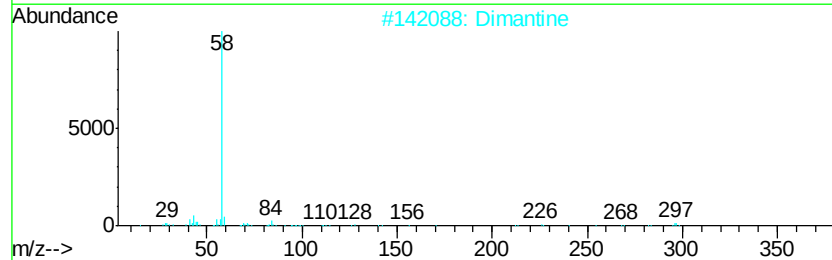
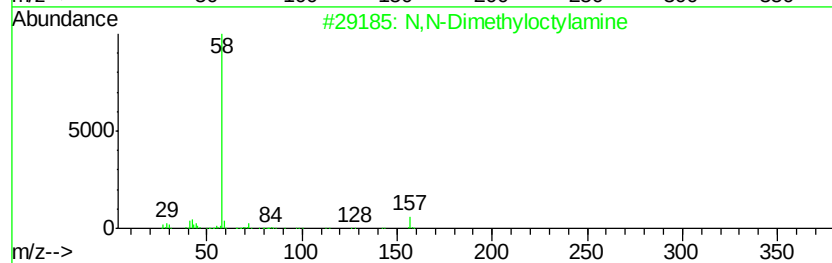
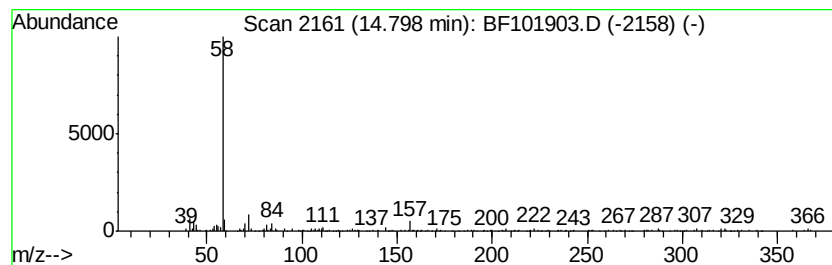
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.87 ng	143634	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		Dimantine	297	C20H43N	000124-28-7	68
3		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
4		3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
5		Benzeneacetamide, N-methyl-N-[2-...	307	C16H25N3O3	1000193-49-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
 Data File : BF101903.D
 Acq On : 4 Jan 2018 20:49
 Operator : SJ/JU
 Sample : J1012-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-G

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Hexadecane	8.63	4.3	ng	164060	2	8.06	767042	20.0
Tetradecane	9.19	5.3	ng	167321	3	9.81	631388	20.0
Undecane	9.50	2.4	ng	75377	3	9.81	631388	20.0
Decane, 3,6-dimet...	10.22	4.0	ng	125634	3	9.81	631388	20.0
Pentadecane, 2,6,...	10.43	2.3	ng	72369	3	9.81	631388	20.0
Tridecane, 1-iodo-	11.14	2.6	ng	92274	4	11.30	701065	20.0
Hexadecanoic acid...	11.67	42.5	ng	1489760	4	11.30	701065	20.0
10,13-Octadecadie...	12.36	121.3	ng	4253210	4	11.30	701065	20.0
15-Octadecenoic a...	12.38	91.1	ng	3194520	4	11.30	701065	20.0
Methyl stearate	12.46	18.9	ng	661674	4	11.30	701065	20.0
9,12-Octadecadien...	12.70	2.4	ng	100801	5	13.96	827002	20.0
Pentadecane	13.09	2.1	ng	88387	5	13.96	827002	20.0
Hexadecanoic acid...	13.18	2.3	ng	94714	5	13.96	827002	20.0
Docosanoic acid, ...	13.85	2.3	ng	96651	5	13.96	827002	20.0
N,N-Dimethyloctyl...	14.80	5.9	ng	143634	6	15.43	489492	20.0