

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
 Data File : BF114742.D
 Acq On : 1 Jun 2019 8:41
 Operator : HP/JU
 Sample : K3072-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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	5.304	541	547	550	rBV	6789110	7972388	40.73%	5.321%
2	6.334	715	722	725	rBV	7146843	8289377	42.35%	5.532%
3	6.463	739	744	747	rBV	7841232	8464304	43.24%	5.649%
4	6.692	779	783	787	rBV	2501924	2037182	10.41%	1.360%
5	6.851	806	810	813	rBV	7044326	6310119	32.24%	4.211%
6	7.257	873	879	881	rBV	4825793	5353986	27.35%	3.573%
7	7.975	996	1001	1004	rBV	2980169	2590198	13.23%	1.729%
8	9.051	1178	1184	1187	rBV	8832751	8592973	43.90%	5.735%
9	9.439	1246	1250	1253	rBV	1431194	1107041	5.66%	0.739%
10	9.722	1293	1298	1301	rBV	3136578	2967794	15.16%	1.981%
11	9.933	1329	1334	1342	rBV2	130667	217927	1.11%	0.145%
12	10.504	1426	1431	1434	rBV	5418947	5155505	26.34%	3.441%
13	11.192	1544	1548	1551	rVB	3811037	3193996	16.32%	2.132%
14	11.698	1626	1634	1635	rBV	577451	895579	4.58%	0.598%
15	11.757	1635	1644	1663	rVB	9146744	19573434	100.00%	13.063%
16	12.004	1683	1686	1693	rVB	230110	307235	1.57%	0.205%
17	12.427	1748	1758	1764	rBV4	1011447	2835600	14.49%	1.892%
18	12.539	1768	1777	1788	rVB	8604149	17080604	87.26%	11.399%
19	12.780	1813	1818	1821	rBV	8973332	9131242	46.65%	6.094%
20	13.057	1849	1865	1884	rVB	2455258	10537325	53.83%	7.032%
21	13.680	1968	1971	1977	rBV2	541761	708535	3.62%	0.473%
22	13.815	1987	1994	1997	rVB	3100064	3190178	16.30%	2.129%
23	13.892	2005	2007	2019	rVB2	111770	247003	1.26%	0.165%
24	14.004	2022	2026	2034	rBV	359165	596671	3.05%	0.398%
25	14.121	2035	2046	2055	rVB	1419323	4136821	21.13%	2.761%
26	14.309	2074	2078	2083	rBV	501955	482256	2.46%	0.322%
27	14.527	2108	2115	2122	rBV2	626255	1485727	7.59%	0.992%
28	14.604	2124	2128	2135	rVV	923595	1363588	6.97%	0.910%
29	14.668	2136	2139	2146	rVB	860639	887492	4.53%	0.592%
30	14.833	2160	2167	2176	rVV	522206	1257317	6.42%	0.839%
31	14.915	2176	2181	2190	rVB	791464	1015992	5.19%	0.678%
32	15.198	2224	2229	2234	rVB	2252475	2533527	12.94%	1.691%
33	15.262	2235	2240	2248	rVB	846405	1101543	5.63%	0.735%
34	15.533	2277	2286	2293	rBV3	304693	1030545	5.27%	0.688%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.656	2303	2307	2312	rVB	691509	1057193	5.40%	0.706%
36	16.115	2380	2385	2395	rVB	373345	637113	3.25%	0.425%
37	16.586	2458	2465	2472	rVB	508549	1078143	5.51%	0.720%
38	17.950	2685	2697	2720	rVB2	1198341	4416516	22.56%	2.947%

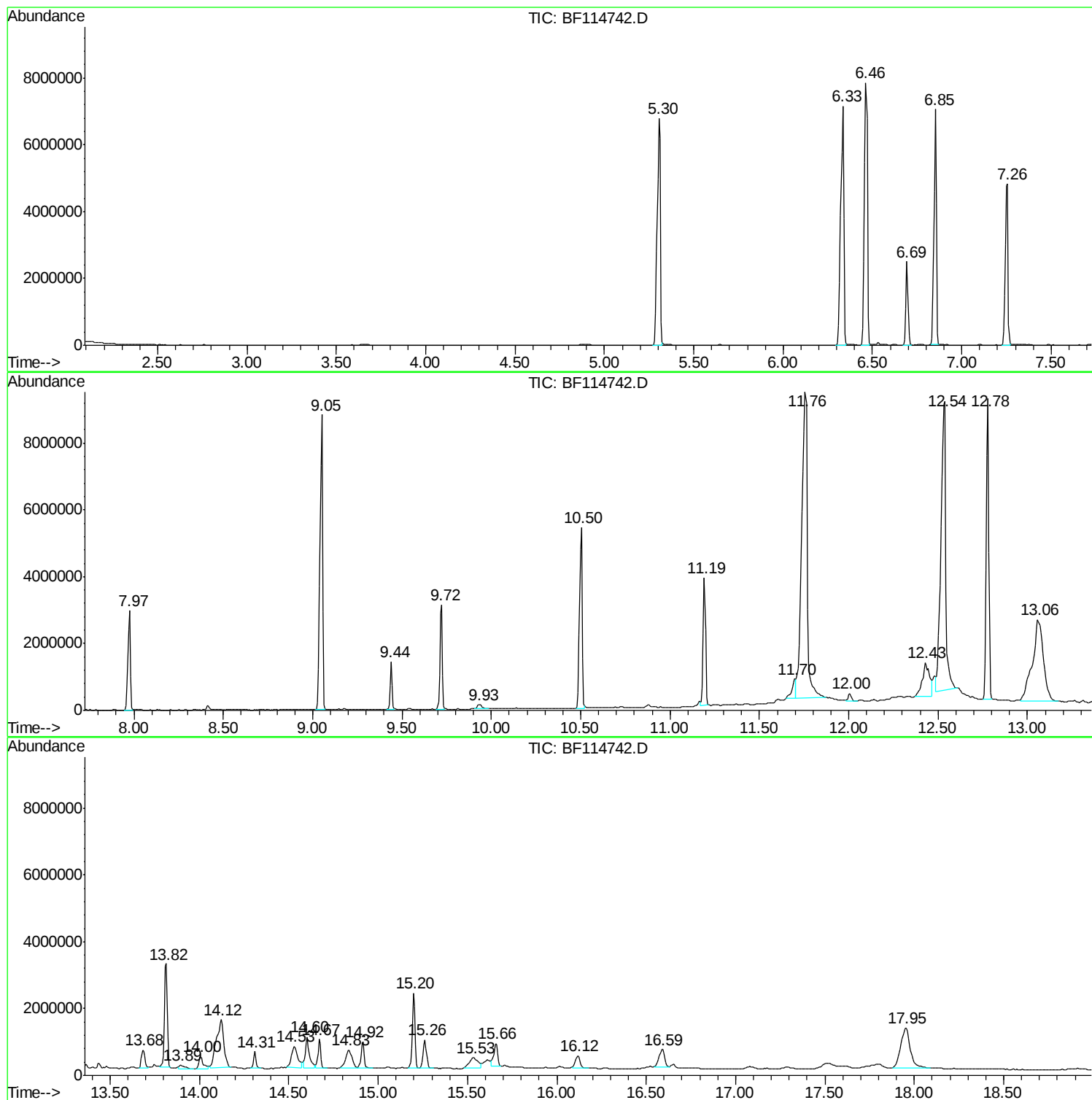
Sum of corrected areas: 149839969

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

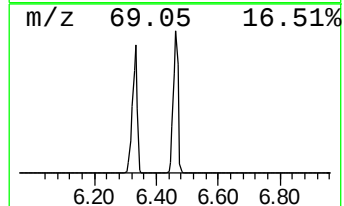
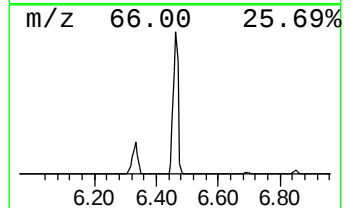
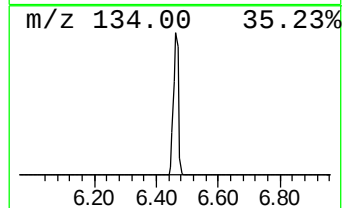
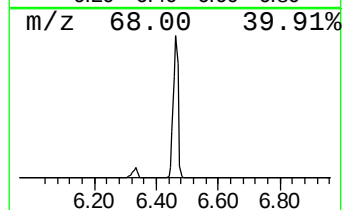
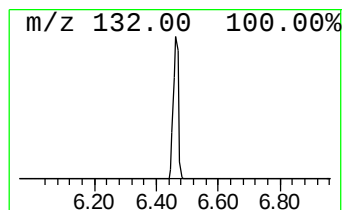
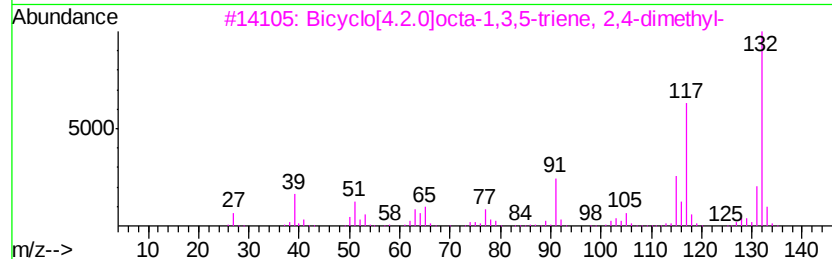
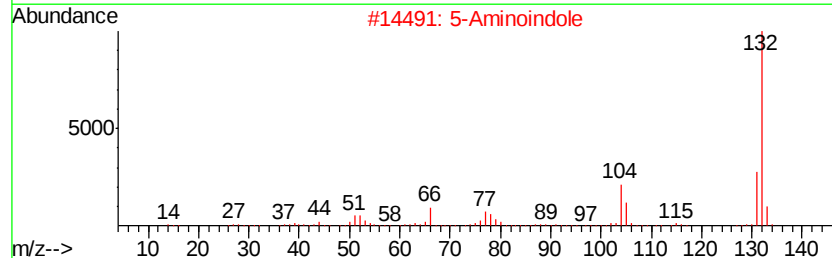
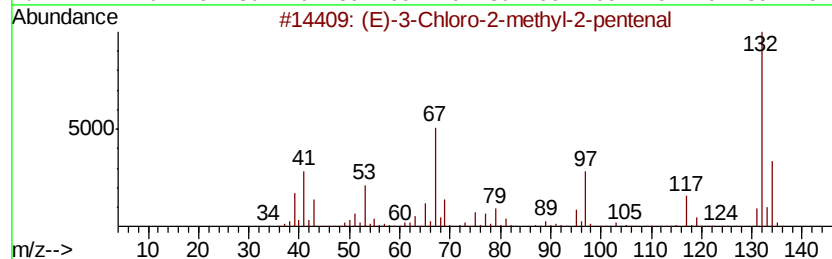
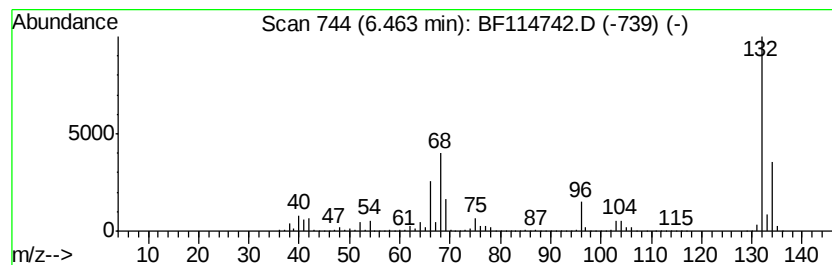
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	83.10 ng	8464300	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

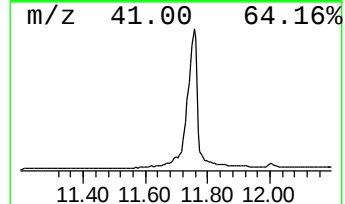
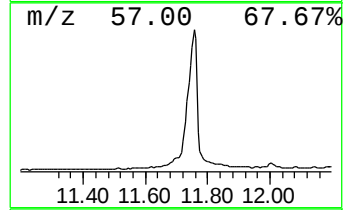
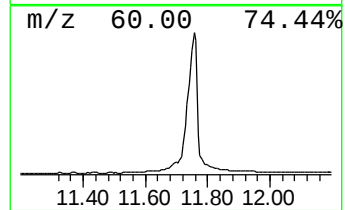
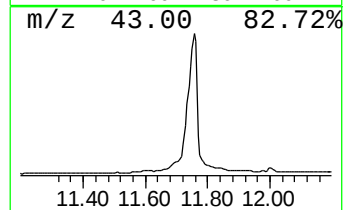
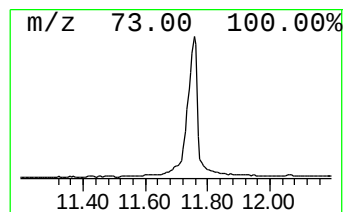
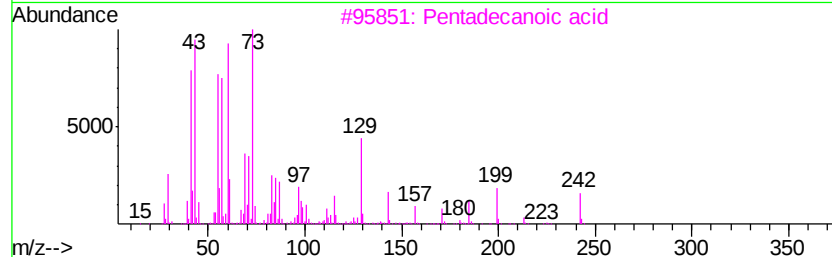
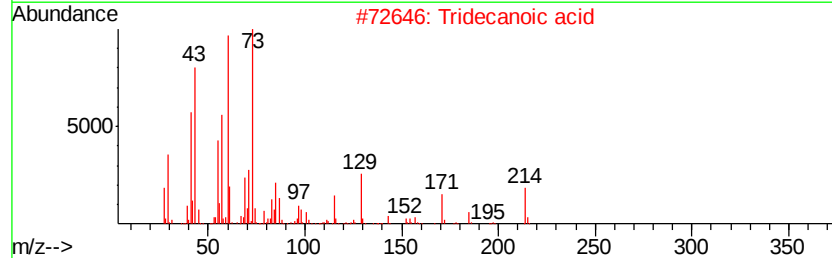
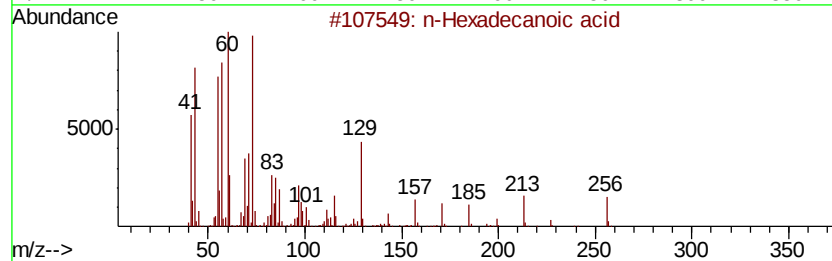
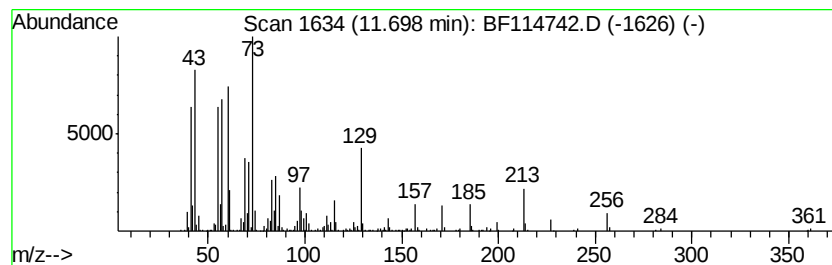
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	5.61 ng	895579	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

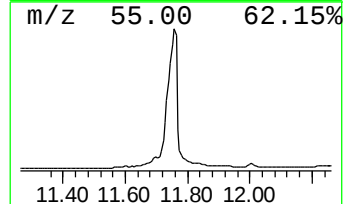
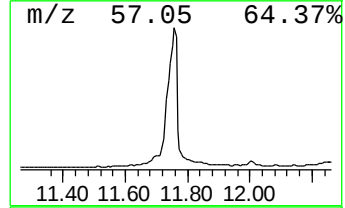
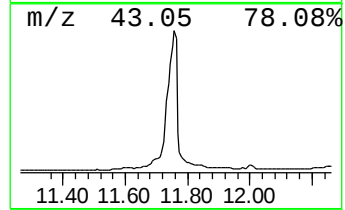
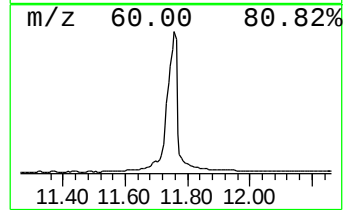
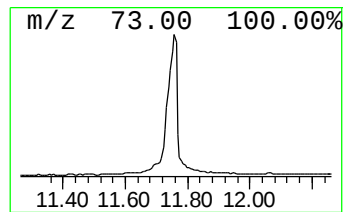
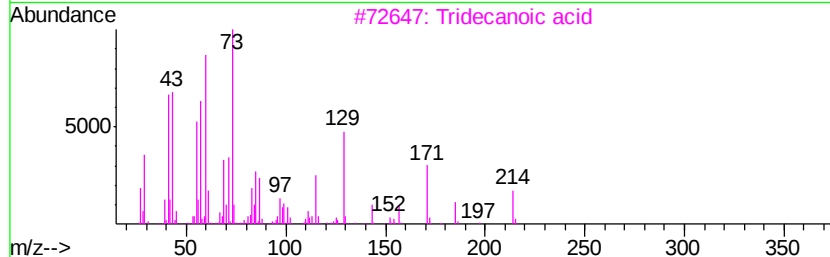
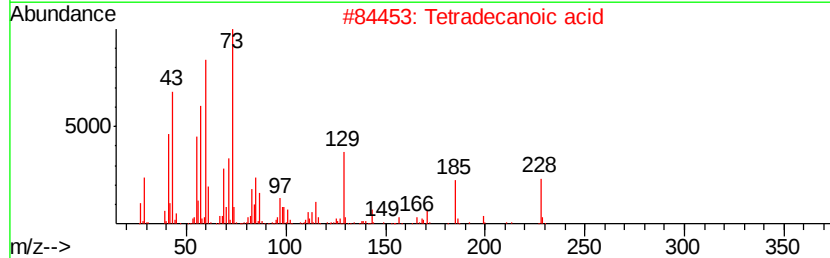
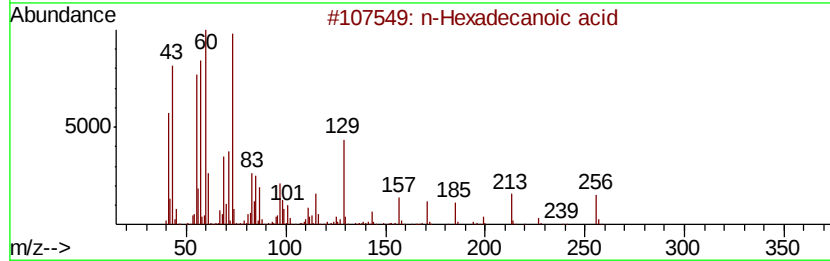
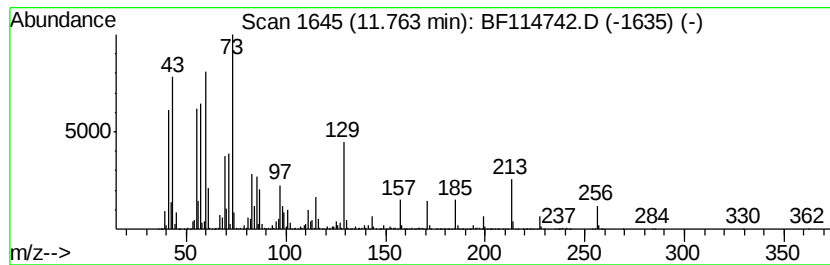
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	122.56 ng	19573400	Phenanthrene-d10	11.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

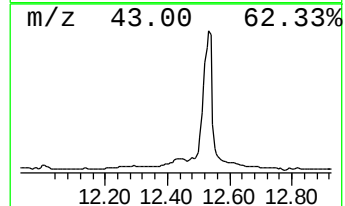
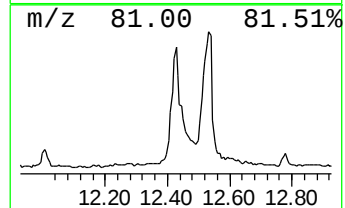
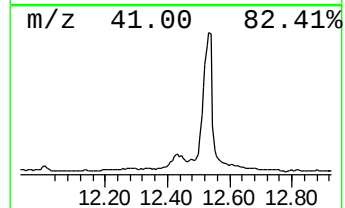
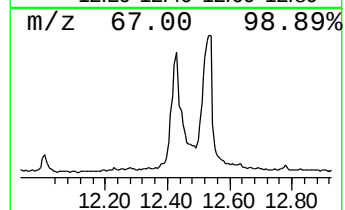
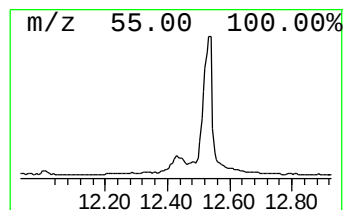
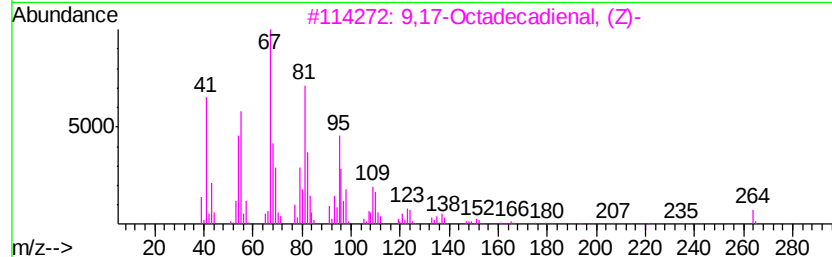
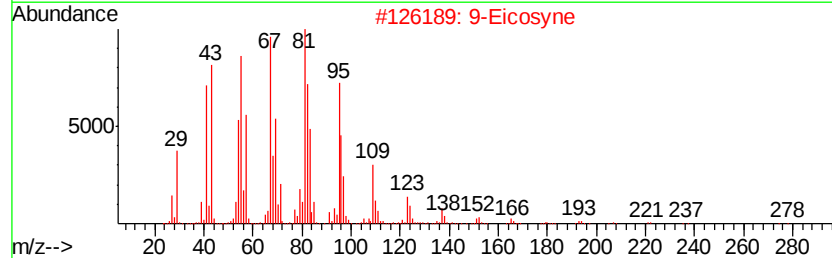
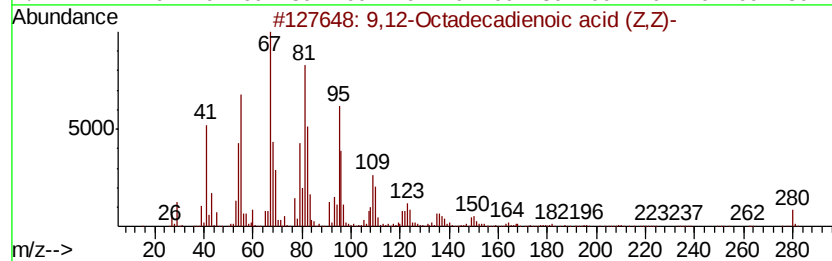
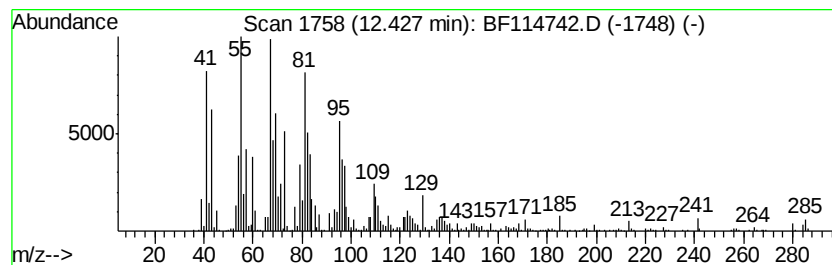
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	17.76 ng	2835600	Phenanthrene-d10	11.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		9-Eicosyne	278	C20H38	071899-38-2	81
3		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	78
4		13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	70
5		11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

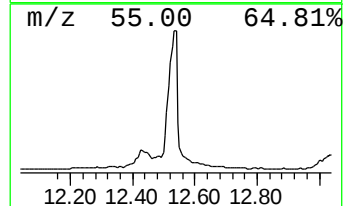
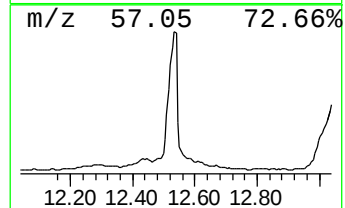
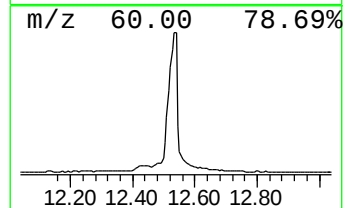
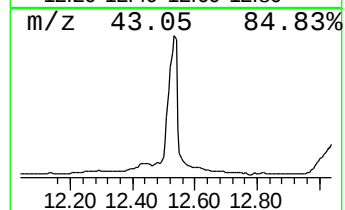
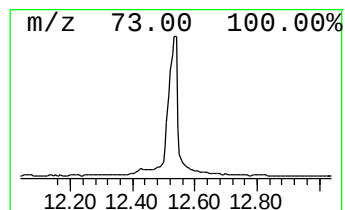
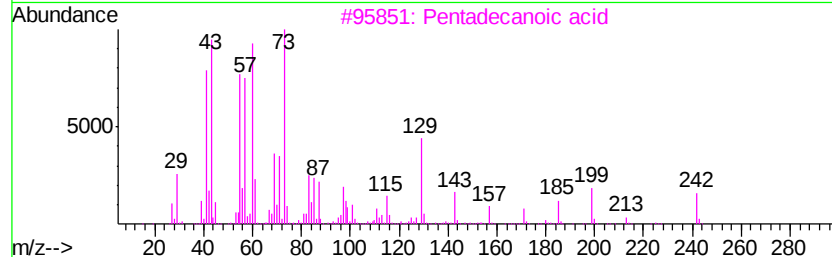
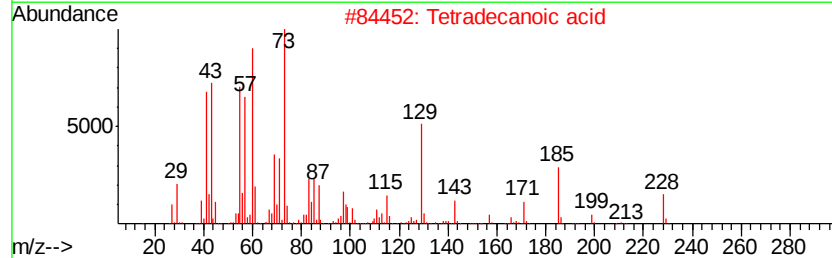
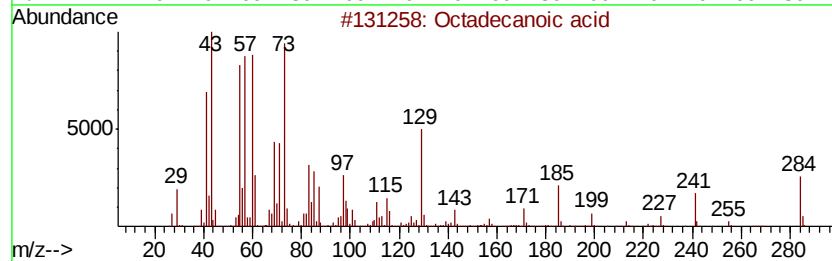
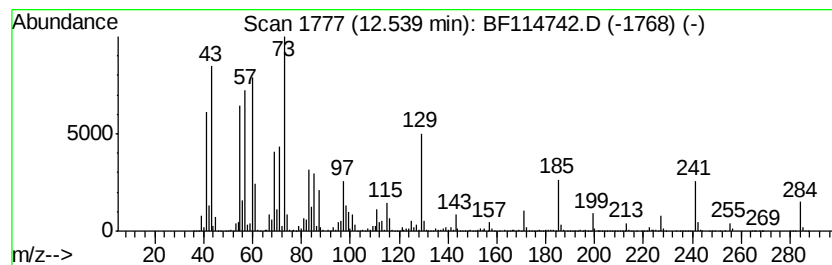
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	107.08 ng	17080600	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 99
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 87
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 76
4		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 72
5		Tridecanoic acid	214 C13H26O2	000638-53-9 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

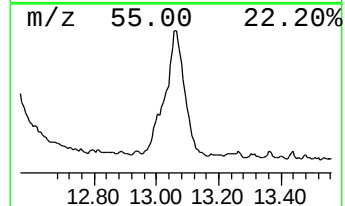
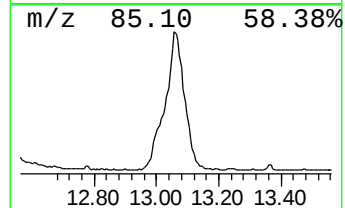
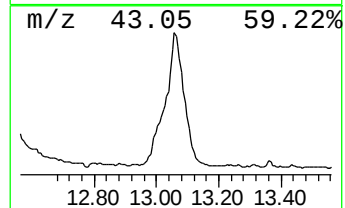
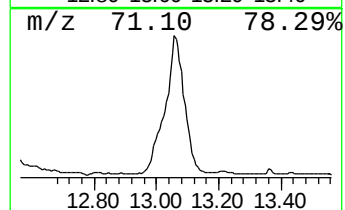
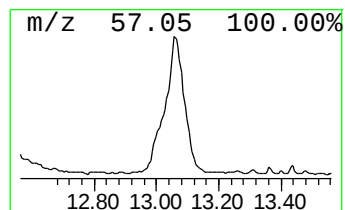
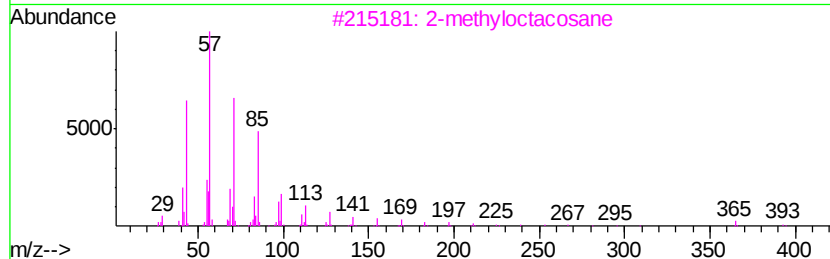
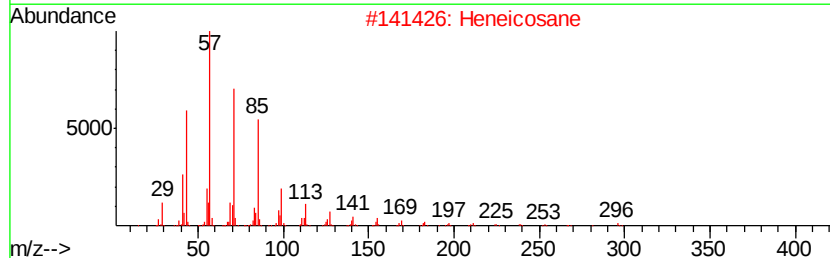
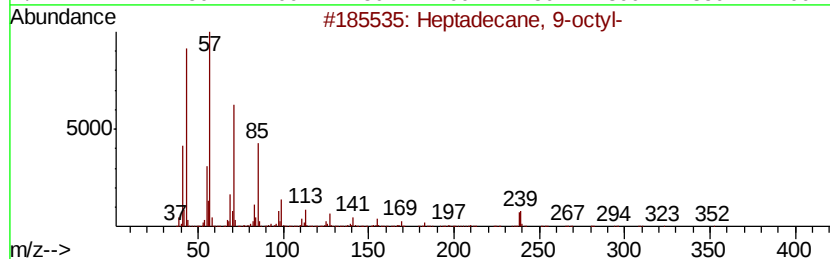
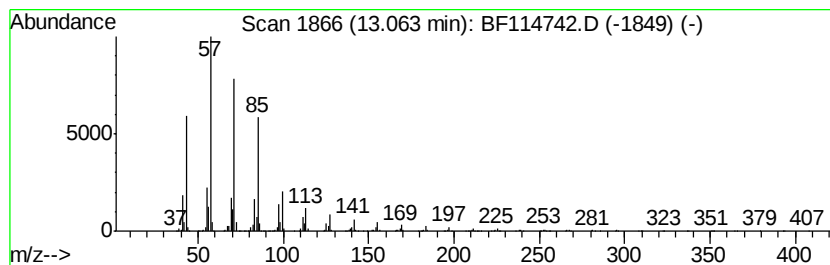
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	66.06 ng	10537300	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane	240	C17H36	000629-78-7	87
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

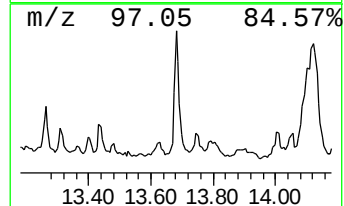
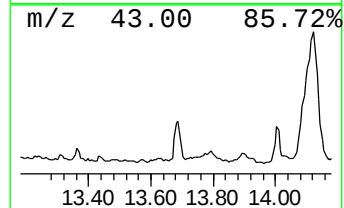
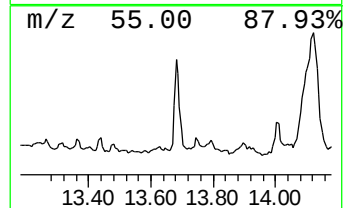
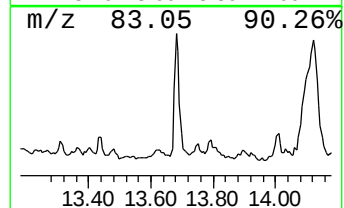
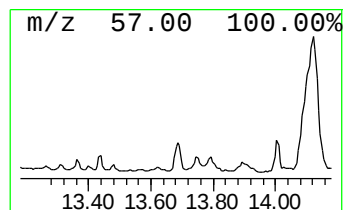
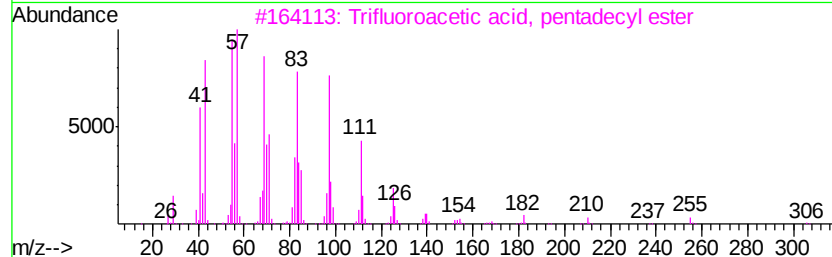
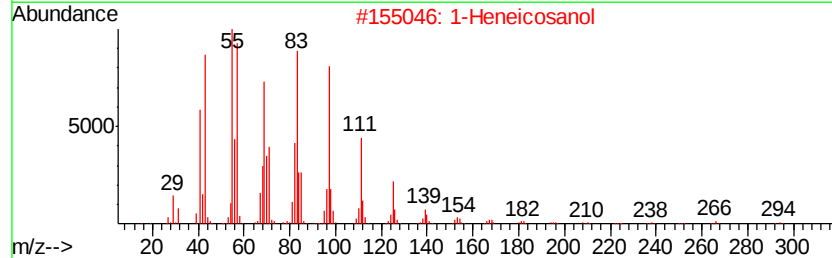
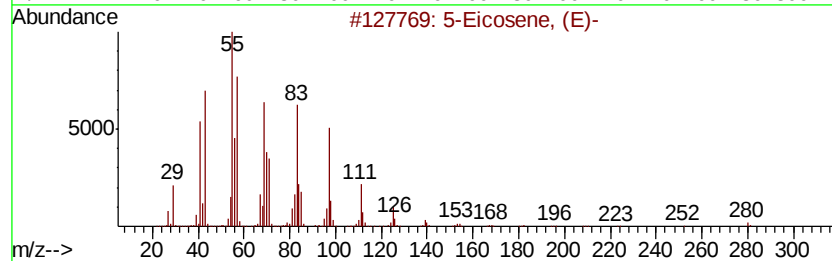
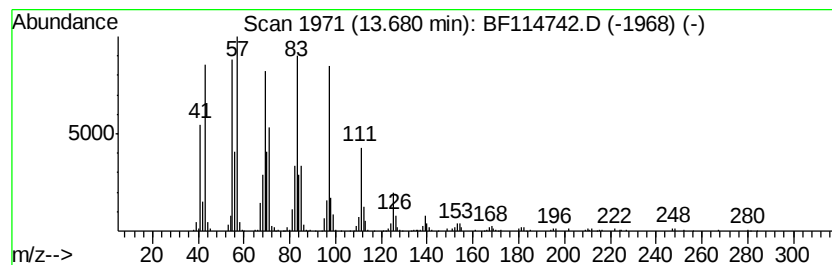
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.68	4.44 ng	708535	Chrysene-d12	13.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98	
2	1-Heneicosanol	312	C21H44O	015594-90-8	95	
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94	
4	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	94	
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

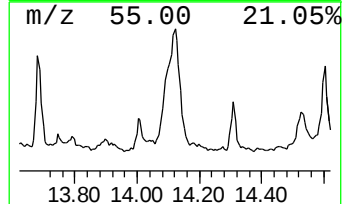
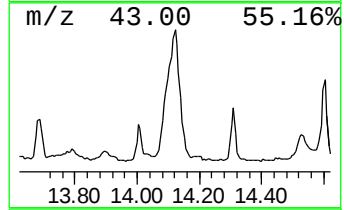
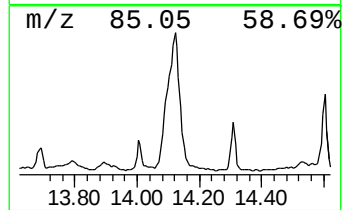
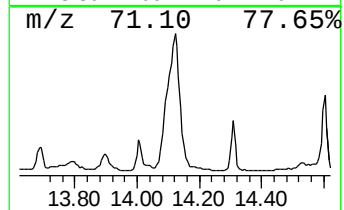
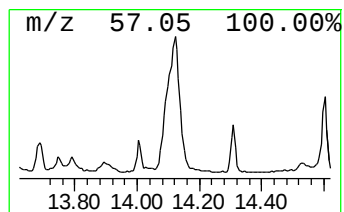
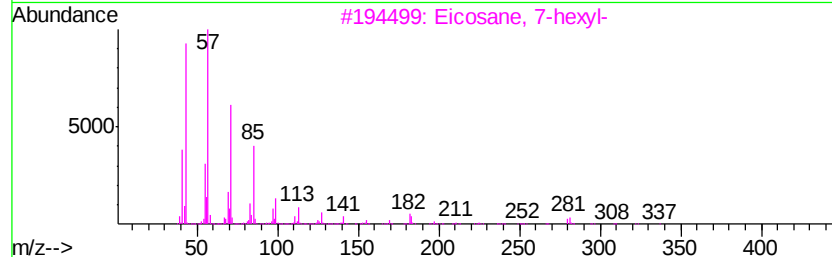
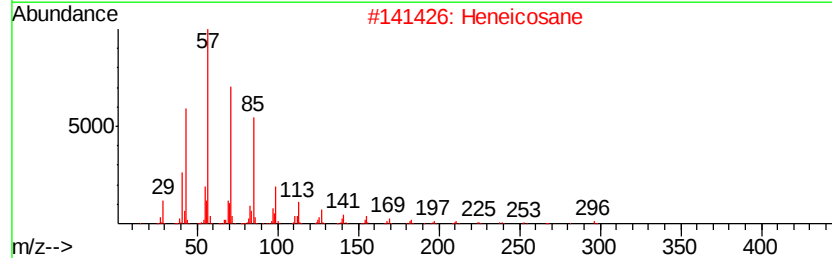
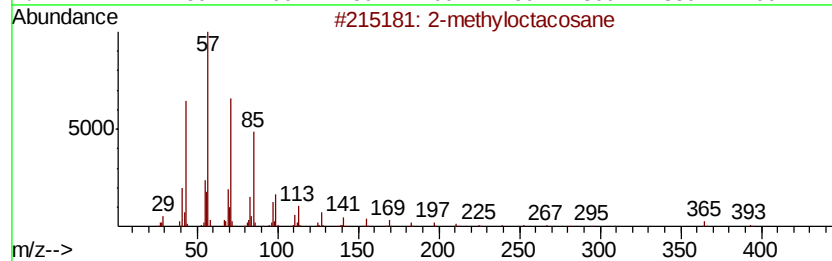
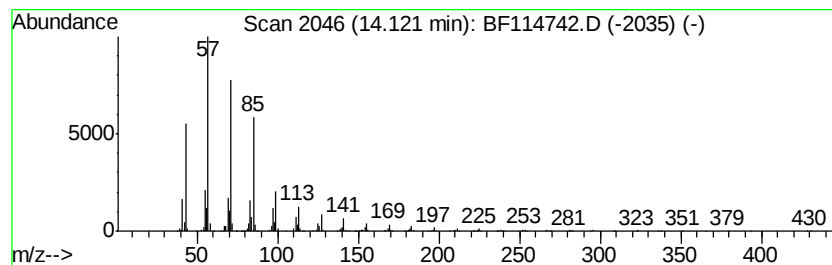
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	25.93 ng	4136820	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
4	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90
5	Hexacosane		366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

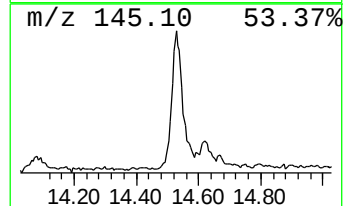
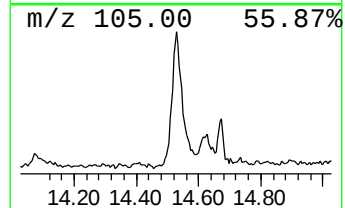
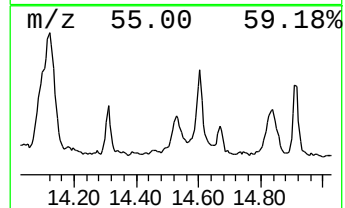
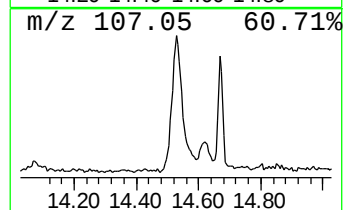
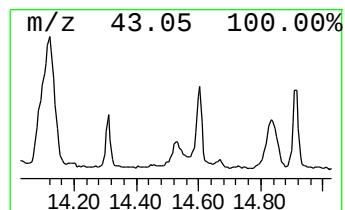
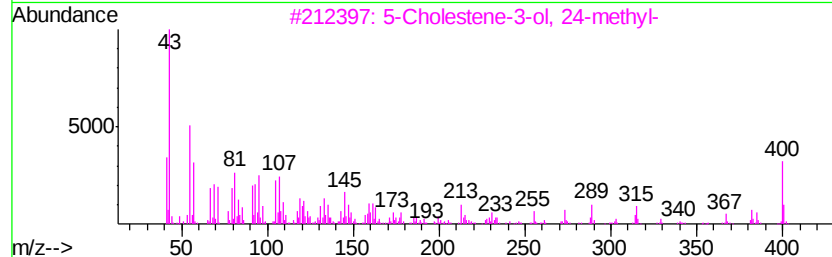
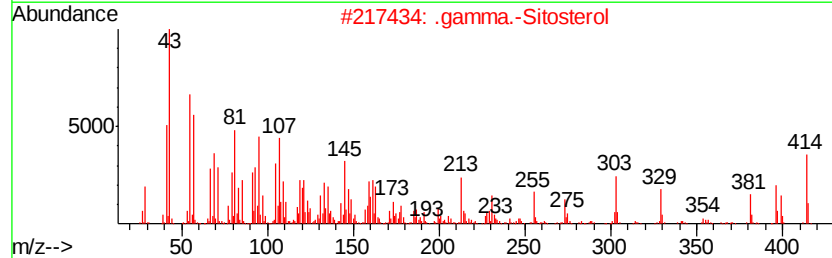
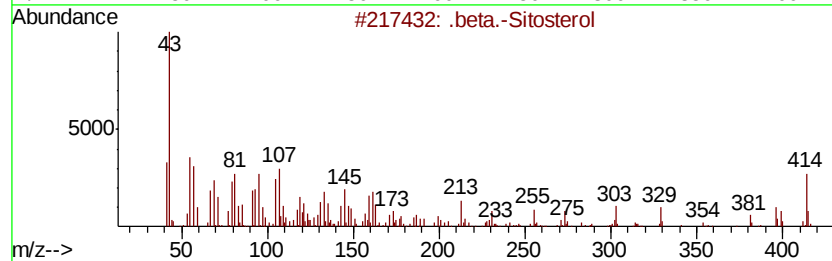
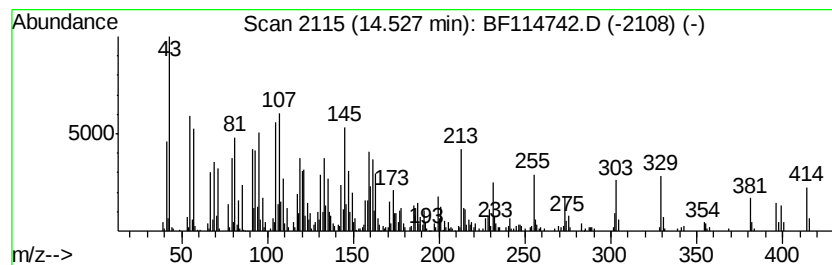
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 .beta.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	11.73 ng	1485730	Perylene-d12	15.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3		5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	62
4		Campesterol	400	C28H48O	000474-62-4	52
5		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

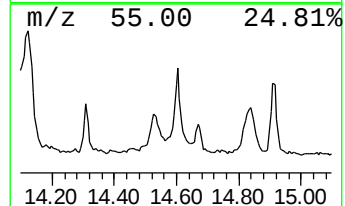
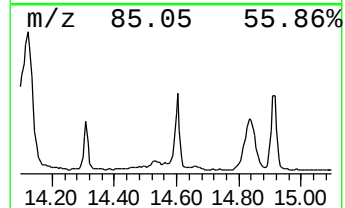
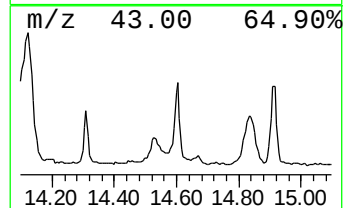
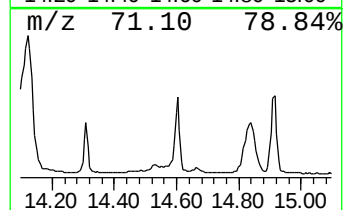
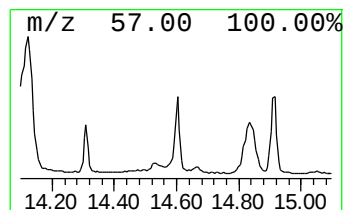
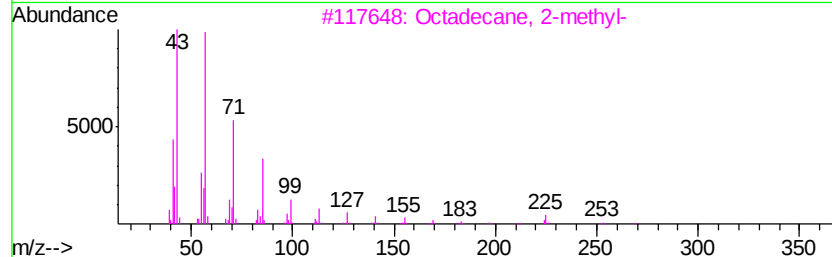
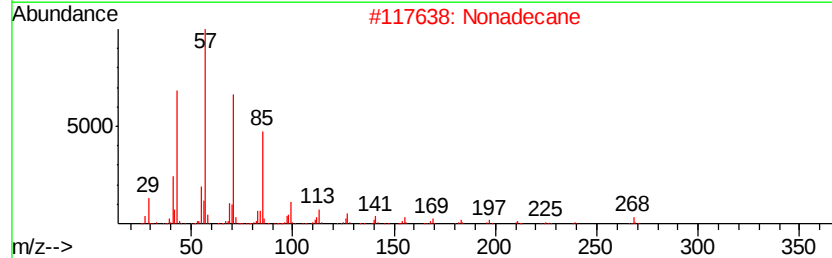
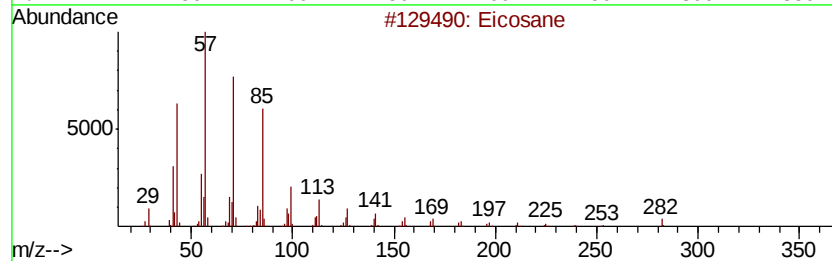
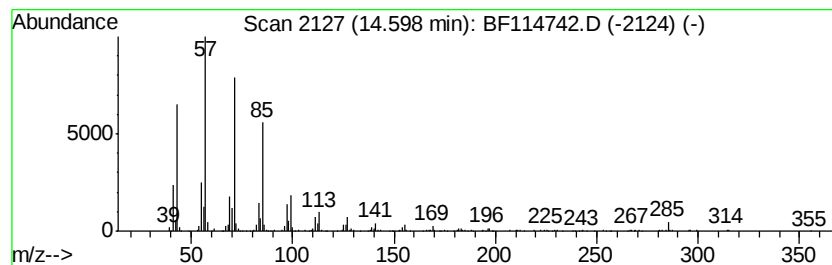
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	10.76 ng	1363590	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	98
2	Nonadecane	268 C19H40	000629-92-5	94
3	Octadecane, 2-methyl-	268 C19H40	001560-88-9	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	2-methyloctacosane	408 C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

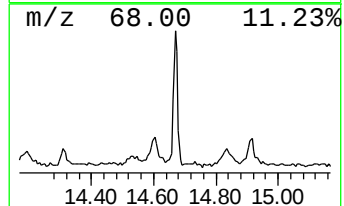
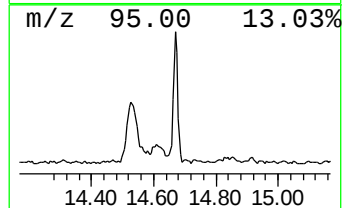
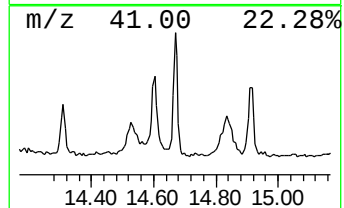
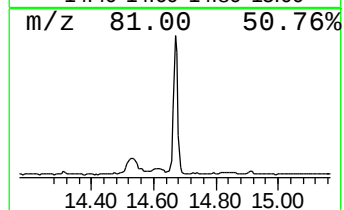
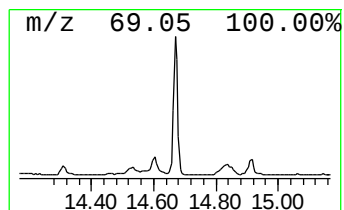
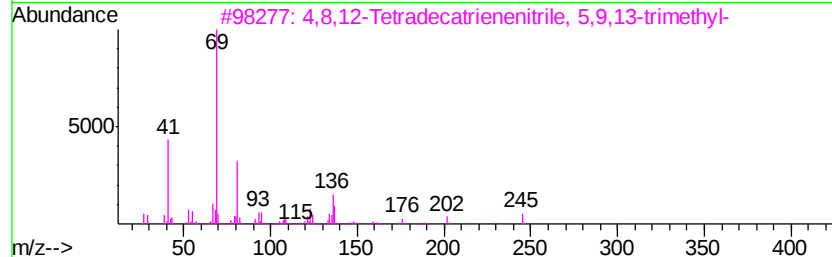
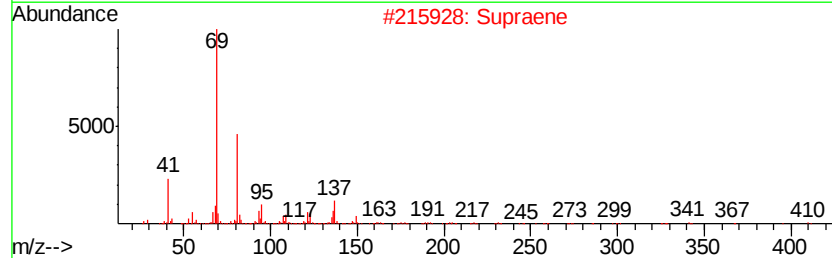
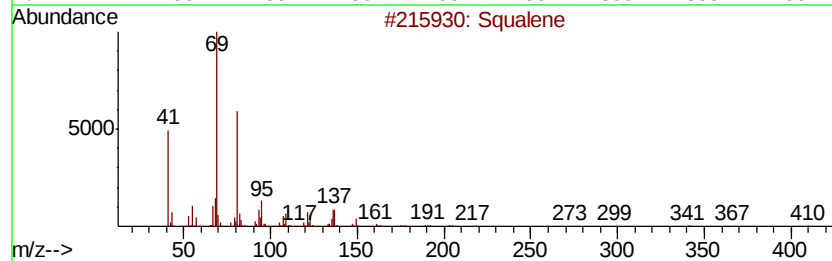
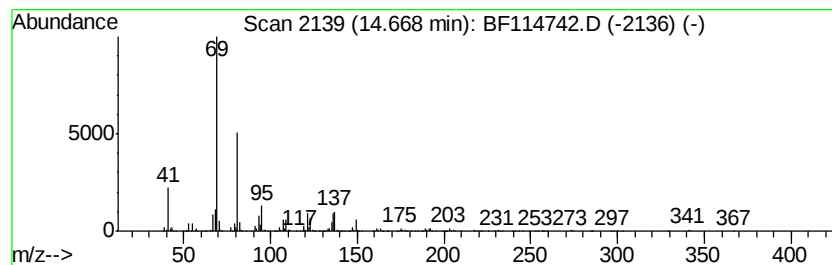
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Squalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.01 ng	887492	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		4,8,12-Tetradecatritienitrile, 5...	245	C17H27N	005981-31-7	64
4		Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	47
5		Cyclopentane, bromo-	148	C5H9Br	000137-43-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

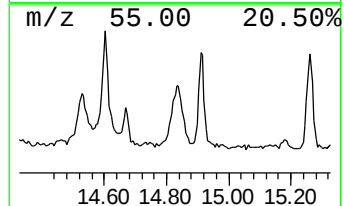
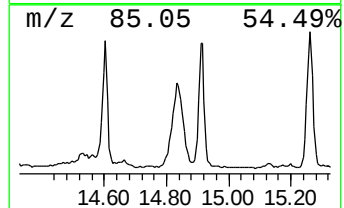
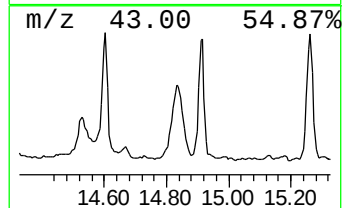
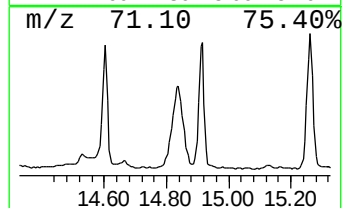
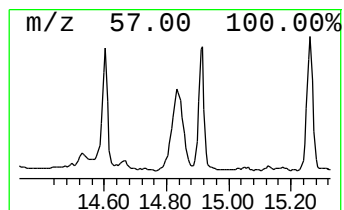
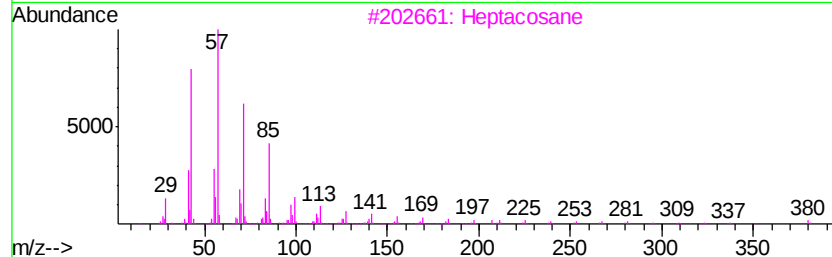
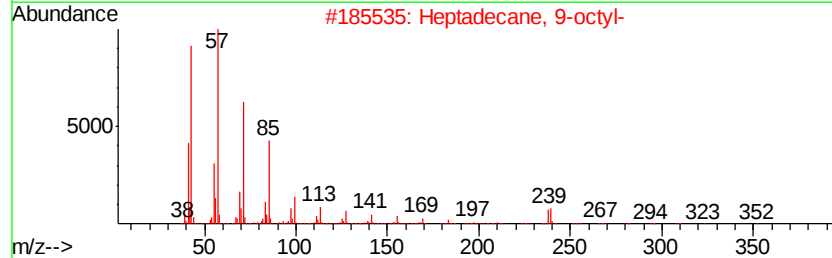
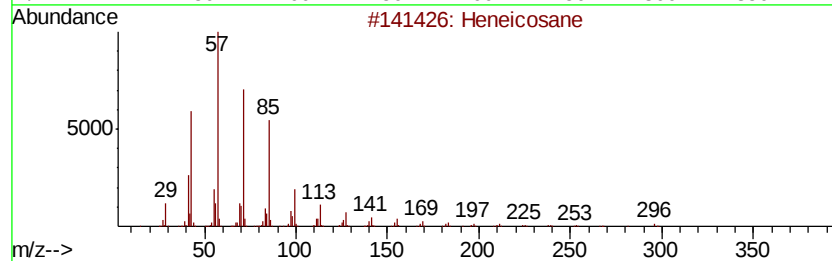
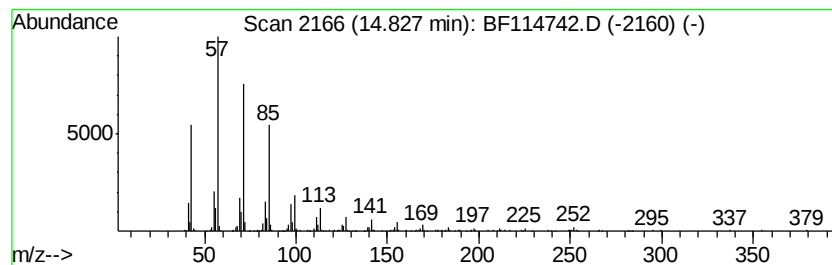
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosane, 11-decyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	9.93 ng	1257320	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
3	Heptacosane	380 C27H56	000593-49-7	91
4	2-methyloctacosane	408 C29H60	1000376-72-8	91
5	Docosane, 11-decyl-	451 C32H66	055401-55-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114742.D
 Acq On : 1 Jun 2019 8:41
 Operator : HP/JU
 Sample : K3072-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

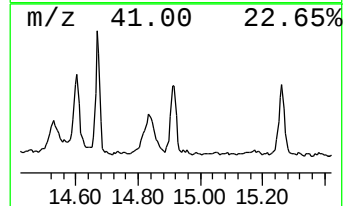
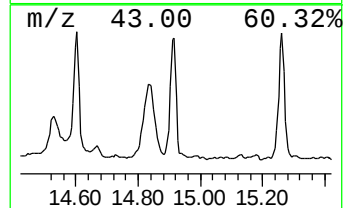
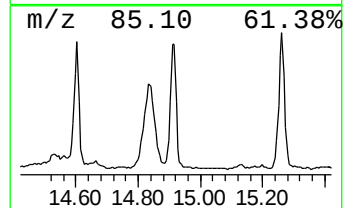
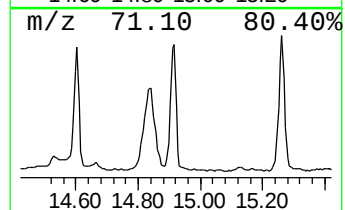
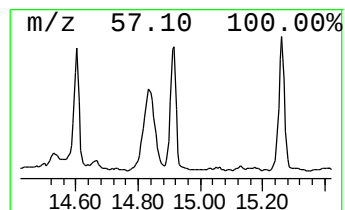
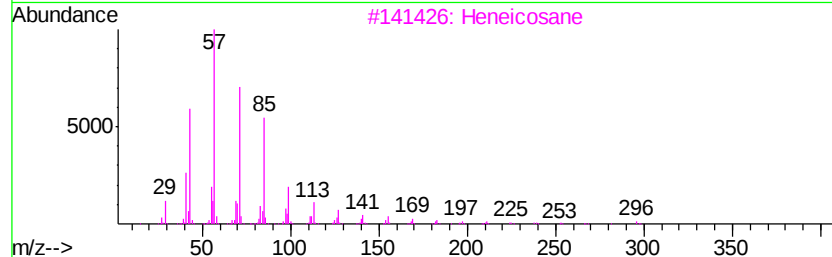
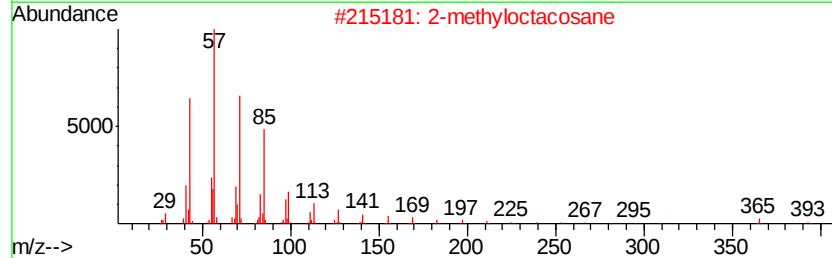
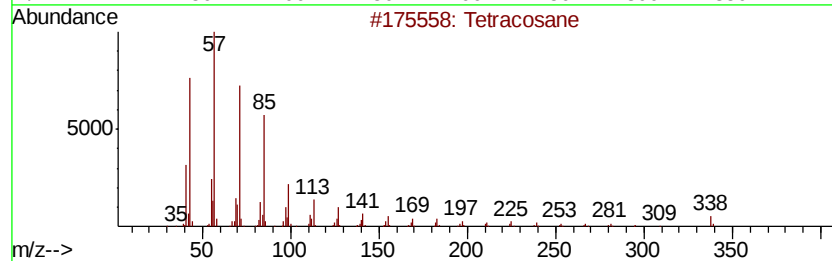
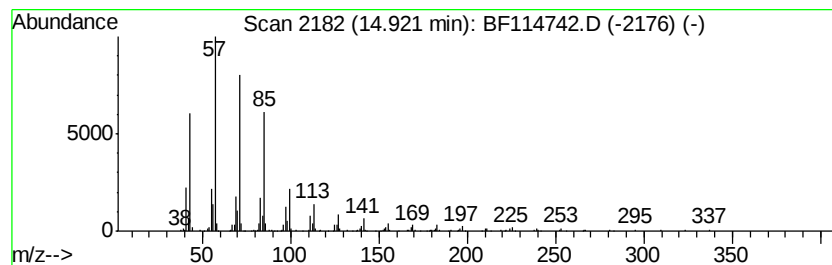
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	8.02 ng	1015990	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

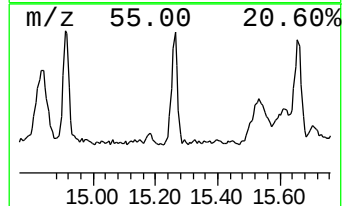
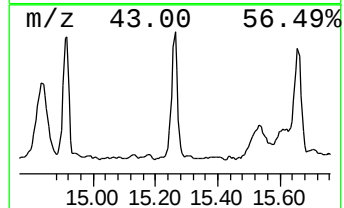
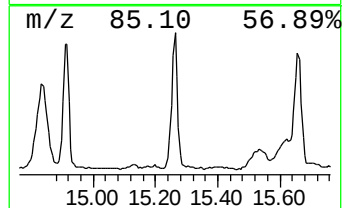
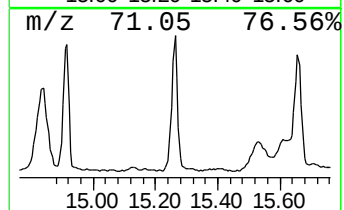
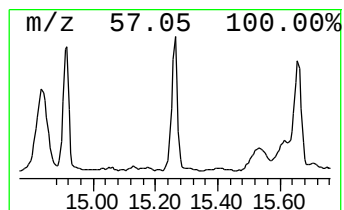
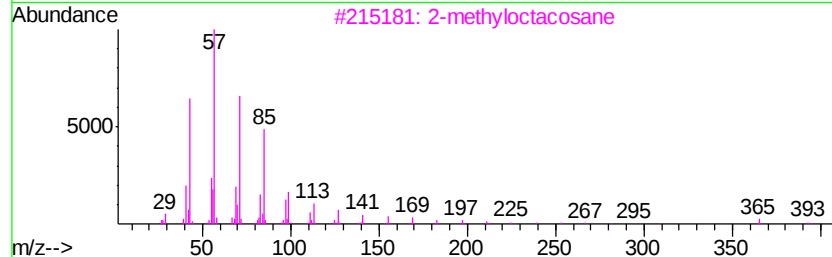
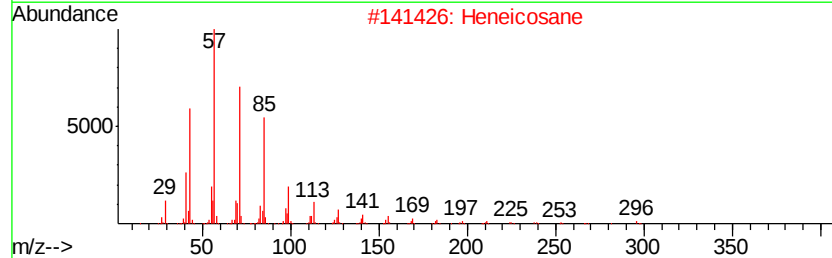
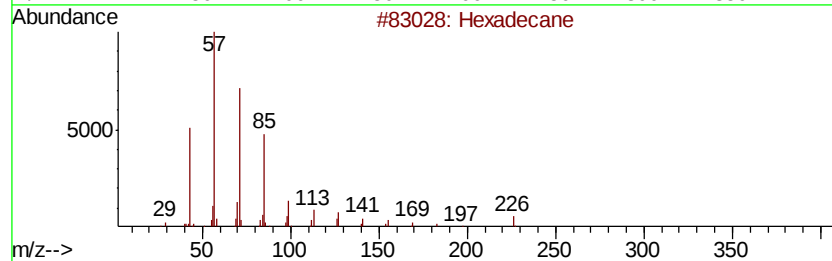
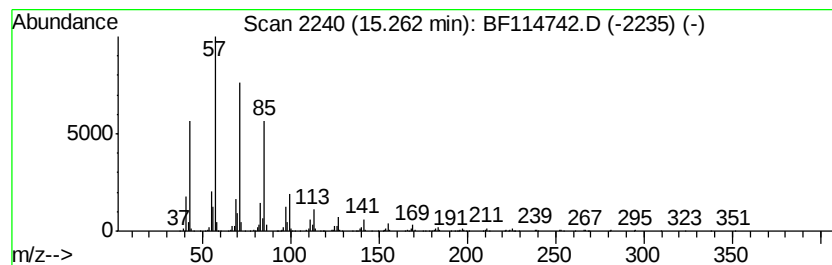
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	8.70 ng	1101540	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

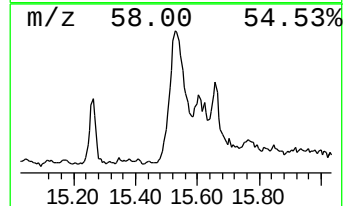
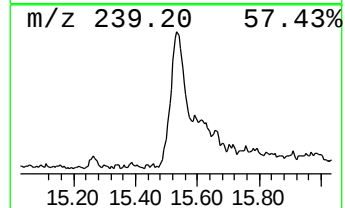
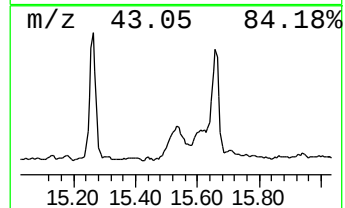
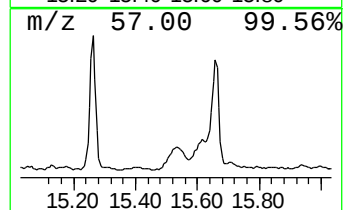
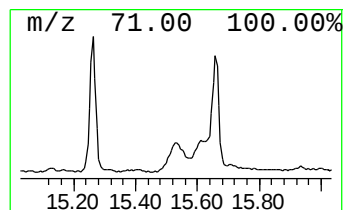
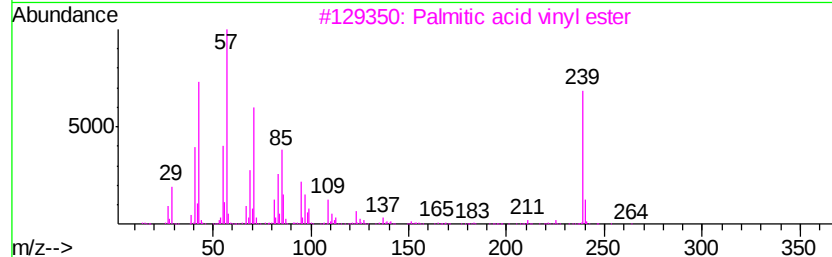
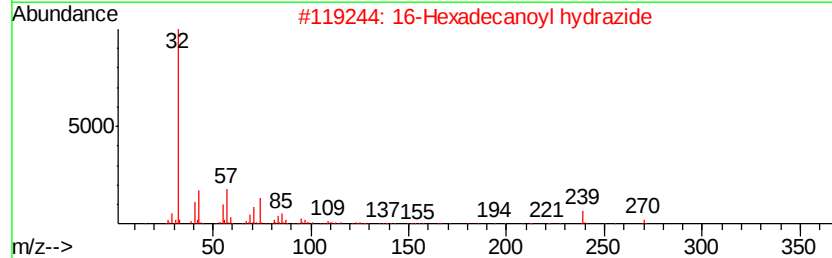
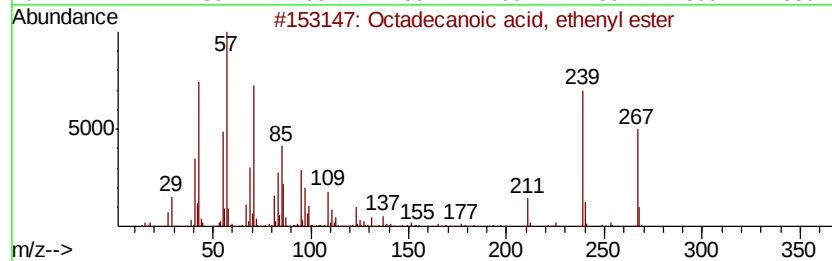
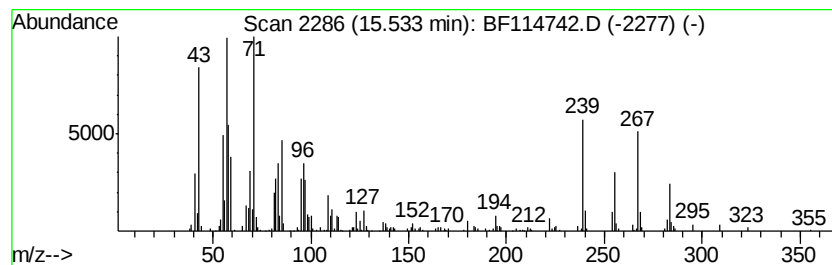
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid, ethenyl ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	8.14 ng	1030550	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	62
2		16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	52
3		Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	38
4		Decane, 3-methyl-	156	C11H24	013151-34-3	38
5		Octadecane	254	C18H38	000593-45-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

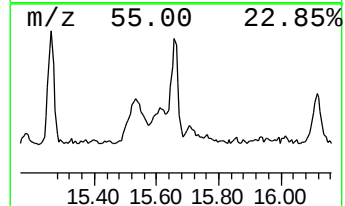
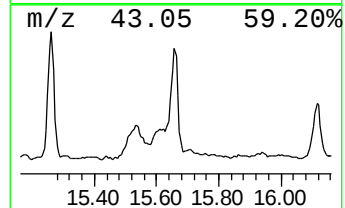
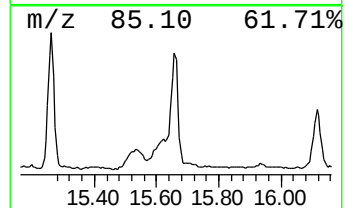
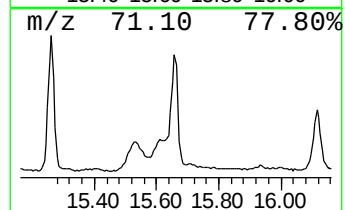
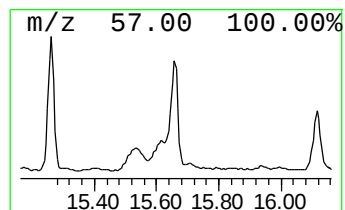
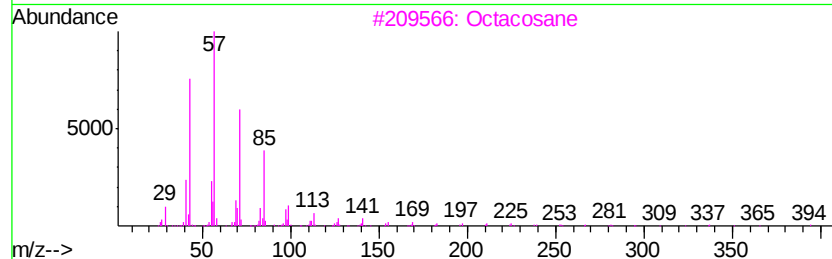
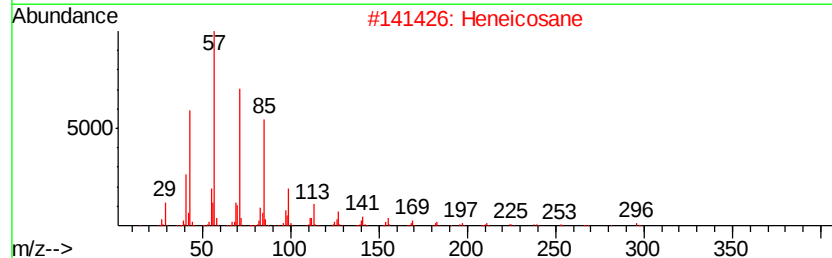
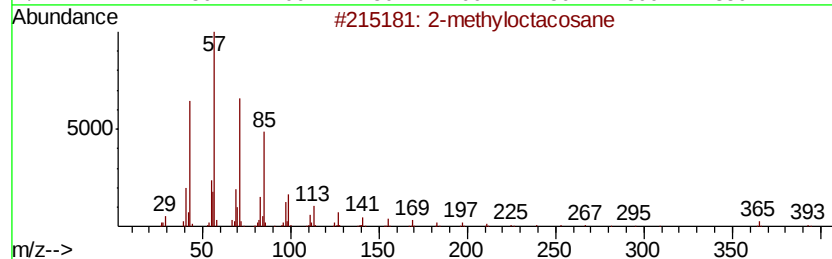
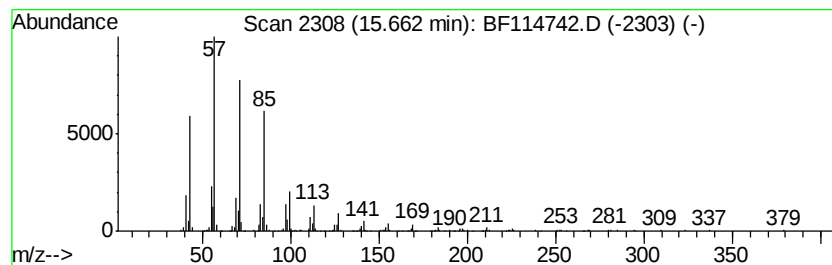
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	8.35 ng	1057190	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114742.D
 Acq On : 1 Jun 2019 8:41
 Operator : HP/JU
 Sample : K3072-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

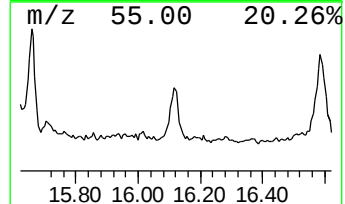
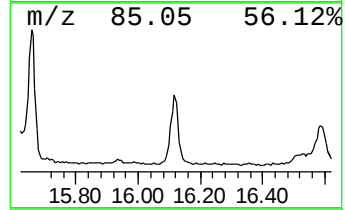
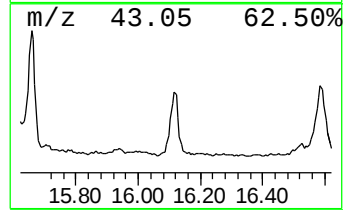
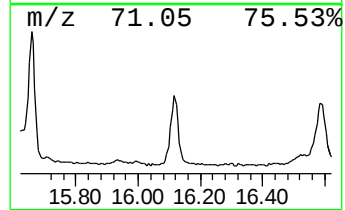
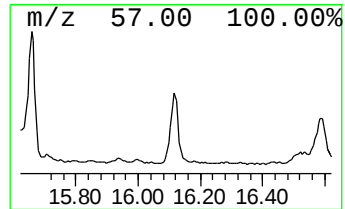
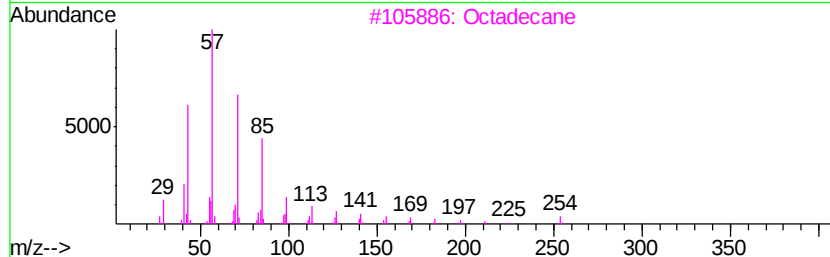
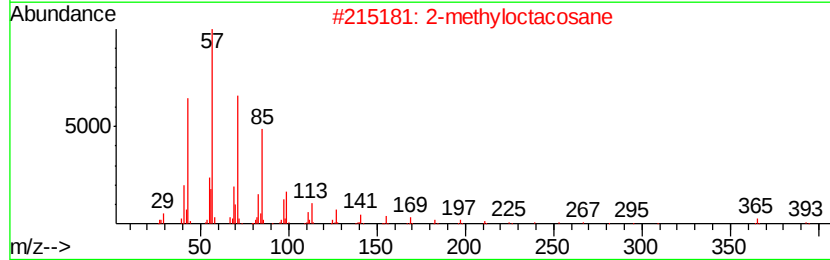
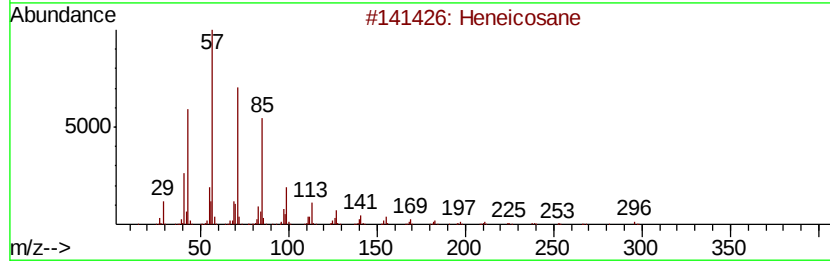
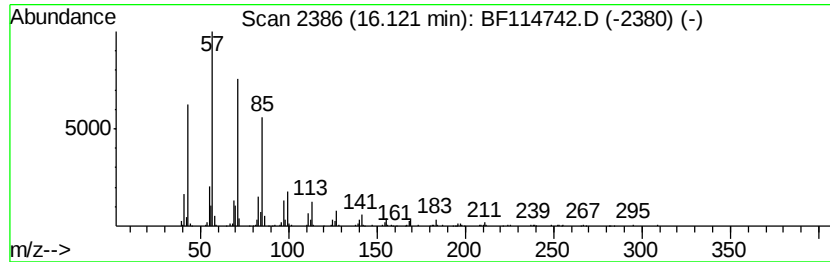
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 18 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.03 ng	637113	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heptadecane	240	C17H36	000629-78-7	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

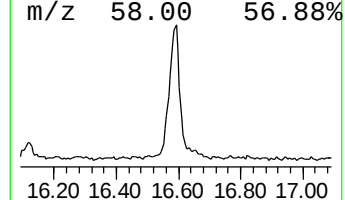
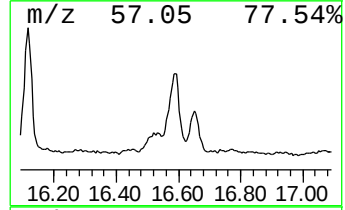
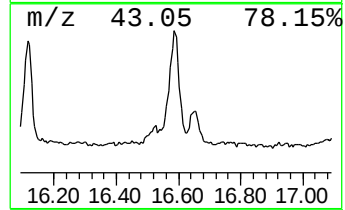
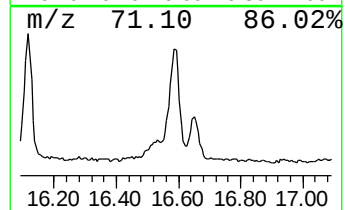
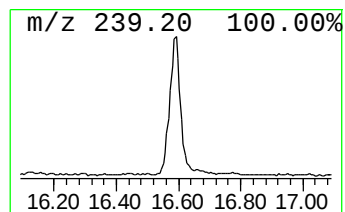
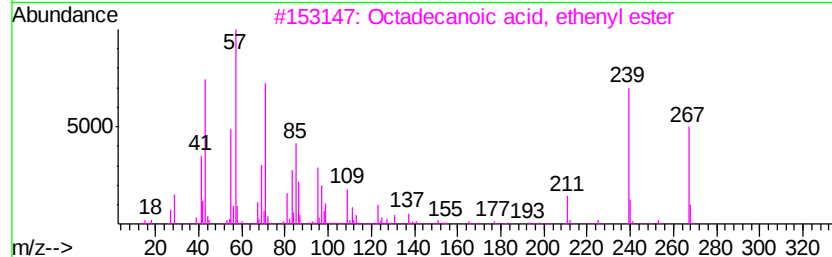
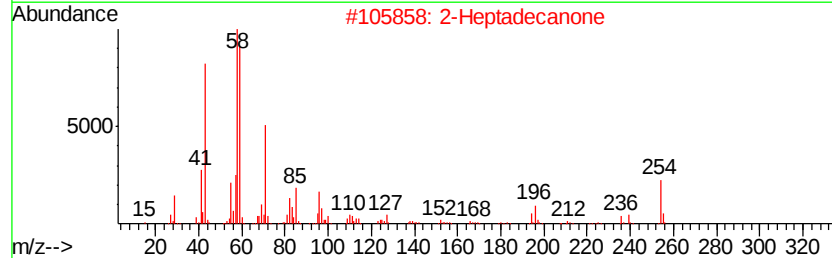
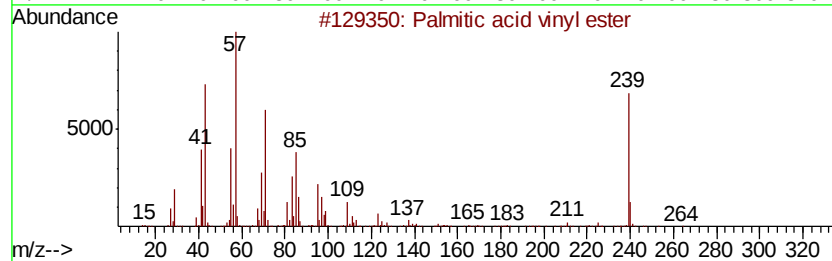
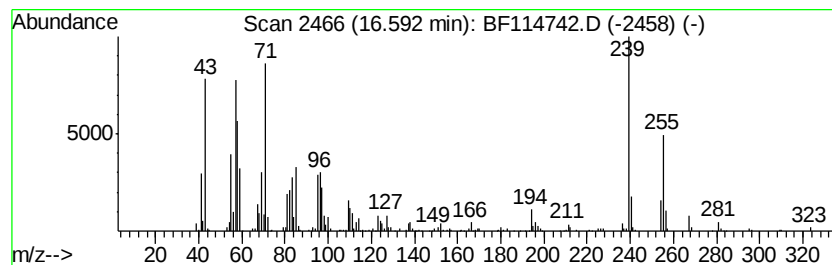
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Palmitic acid vinyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.59	8.51 ng	1078140	Perylene-d12	15.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	58
2		2-Heptadecanone	254	C17H34O	002922-51-2	38
3		Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	35
4		1H-Indole, 2-(4-fluorophenyl)-5-...	255	C16H14FN0	156785-65-8	25
5		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114742.D
Acq On : 1 Jun 2019 8:41
Operator : HP/JU
Sample : K3072-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

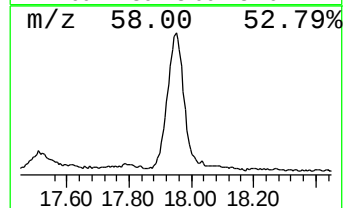
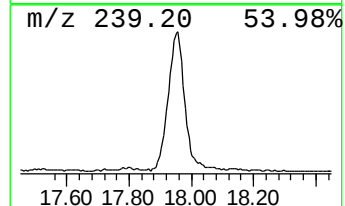
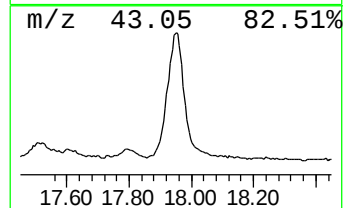
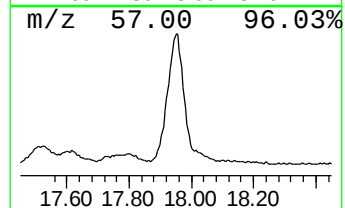
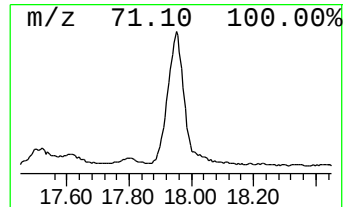
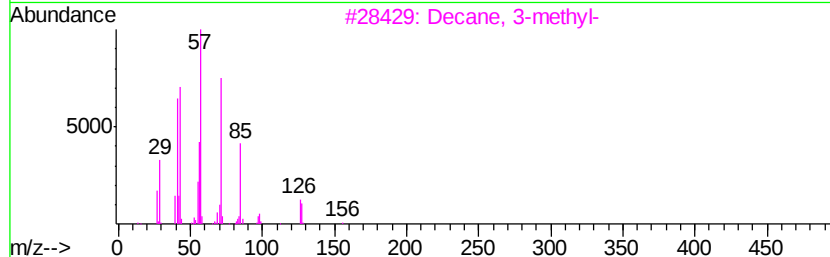
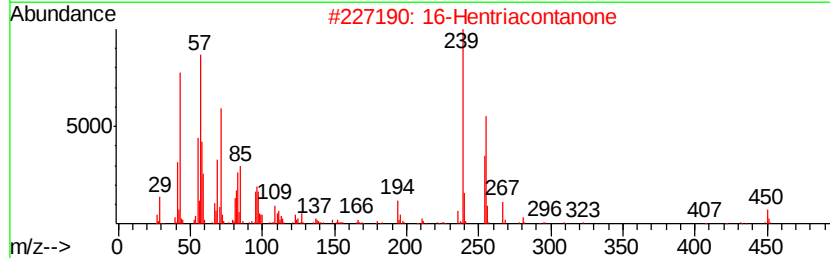
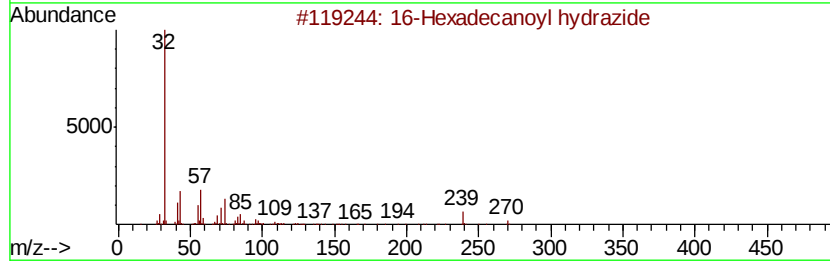
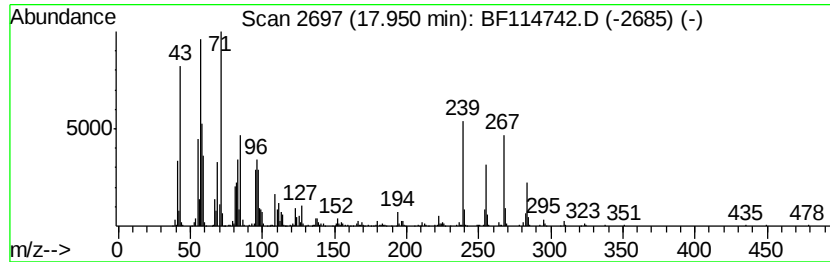
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 16-Hexadecanoyl hydrazide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	34.86 ng	4416520	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Hexadecanovl hvdrazide	270	C16H34N2O	002619-88-7	52
2		16-Hentriacontanone	450	C31H62O	000502-73-8	50
3		Decane, 3-methyl-	156	C11H24	013151-34-3	42
4		2-Nonadecanone	282	C19H38O	000629-66-3	38
5		Octadecane	254	C18H38	000593-45-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
 Data File : BF114742.D
 Acq On : 1 Jun 2019 8:41
 Operator : HP/JU
 Sample : K3072-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.46	6.46	83.1	ng	8464300	1	6.69	2037180	20.0
n-Hexadecanoic acid	11.70	5.6	ng	895579	4	11.19	3194000	20.0
Tetradecanoic acid	11.76	122.6	ng	19573400	4	11.19	3194000	20.0
9,12-Octadecadien...	12.43	17.8	ng	2835600	4	11.19	3194000	20.0
Octadecanoic acid	12.54	107.1	ng	17080600	5	13.82	3190180	20.0
Heptadecane, 9-oc...	13.06	66.1	ng	10537300	5	13.82	3190180	20.0
5-Eicosene, (E)-	13.68	4.4	ng	708535	5	13.82	3190180	20.0
2-methyloctacosane	14.12	25.9	ng	4136820	5	13.82	3190180	20.0
.beta.-Sitosterol	14.53	11.7	ng	1485730	6	15.20	2533530	20.0
Eicosane	14.60	10.8	ng	1363590	6	15.20	2533530	20.0
Squalene	14.67	7.0	ng	887492	6	15.20	2533530	20.0
Docosane, 11-decyl-	14.83	9.9	ng	1257320	6	15.20	2533530	20.0
Tetracosane	14.92	8.0	ng	1015990	6	15.20	2533530	20.0
Hexadecane	15.26	8.7	ng	1101540	6	15.20	2533530	20.0
Octadecanoic acid...	15.53	8.1	ng	1030550	6	15.20	2533530	20.0
Octacosane	15.66	8.3	ng	1057190	6	15.20	2533530	20.0
Octadecane	16.12	5.0	ng	637113	6	15.20	2533530	20.0
Palmitic acid vin...	16.59	8.5	ng	1078140	6	15.20	2533530	20.0
16-Hexadecanoyl h...	17.95	34.9	ng	4416520	6	15.20	2533530	20.0