

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122274.D
 Acq On : 4 Nov 2020 20:48
 Operator : JU/CG
 Sample : L4596-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-110320

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-BF101220.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122274.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.351	552	555	577	rBV	311767	736731	2.99%	1.175%
2	6.387	727	731	744	rBV	318789	743472	3.02%	1.186%
3	6.710	783	786	793	rBV	529094	517077	2.10%	0.825%
4	7.287	881	884	903	rBV	338118	613823	2.49%	0.979%
5	7.992	1002	1004	1011	rVB	610327	569035	2.31%	0.908%
6	9.063	1183	1186	1195	rBV	877244	879992	3.57%	1.404%
7	9.339	1230	1233	1240	rBV	227323	258945	1.05%	0.413%
8	9.745	1298	1302	1307	rBV	747749	646589	2.62%	1.032%
9	10.545	1435	1438	1447	rBV	374088	449389	1.82%	0.717%
10	11.233	1552	1555	1559	rBV	631479	616160	2.50%	0.983%
11	11.539	1605	1607	1612	rVV	304877	258303	1.05%	0.412%
12	11.633	1616	1623	1626	rBV2	6297983	9301927	37.74%	14.840%
13	11.798	1644	1651	1656	rBV	1008657	1484091	6.02%	2.368%
14	11.839	1656	1658	1668	rVV3	156949	256952	1.04%	0.410%
15	12.357	1732	1746	1747	rBV5	7122787	24645713	100.00%	39.318%
16	12.433	1755	1759	1762	rVB	5543496	5434053	22.05%	8.669%
17	12.504	1762	1771	1772	rBV	2776434	5574161	22.62%	8.893%
18	12.569	1780	1782	1790	rVB2	312583	426311	1.73%	0.680%
19	12.657	1793	1797	1800	rVV2	416634	435049	1.77%	0.694%
20	12.710	1803	1806	1810	rVB3	193978	252400	1.02%	0.403%
21	12.827	1820	1826	1828	rBV	882455	919830	3.73%	1.467%
22	12.857	1828	1831	1833	rVV	315451	302596	1.23%	0.483%
23	12.904	1835	1839	1843	rVB	257568	370410	1.50%	0.591%
24	12.998	1852	1855	1856	rBV	512099	460458	1.87%	0.735%
25	13.057	1863	1865	1868	rVB	495597	450454	1.83%	0.719%
26	13.139	1875	1879	1882	rBV	766510	743273	3.02%	1.186%
27	13.180	1883	1886	1891	rVV3	358637	604218	2.45%	0.964%
28	13.222	1891	1893	1896	rVV2	378137	525556	2.13%	0.838%
29	13.251	1896	1898	1902	rVV2	438185	556820	2.26%	0.888%
30	13.304	1904	1907	1910	rVV	519666	633007	2.57%	1.010%
31	13.574	1948	1953	1959	rVB2	628742	901395	3.66%	1.438%
32	13.804	1988	1992	1997	rBV	828256	732539	2.97%	1.169%
33	13.892	2003	2007	2018	rBV	612030	696204	2.82%	1.111%
34	14.421	2094	2097	2101	rBV	289728	271592	1.10%	0.433%
35	15.333	2249	2252	2260	rVB	312015	413794	1.68%	0.660%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

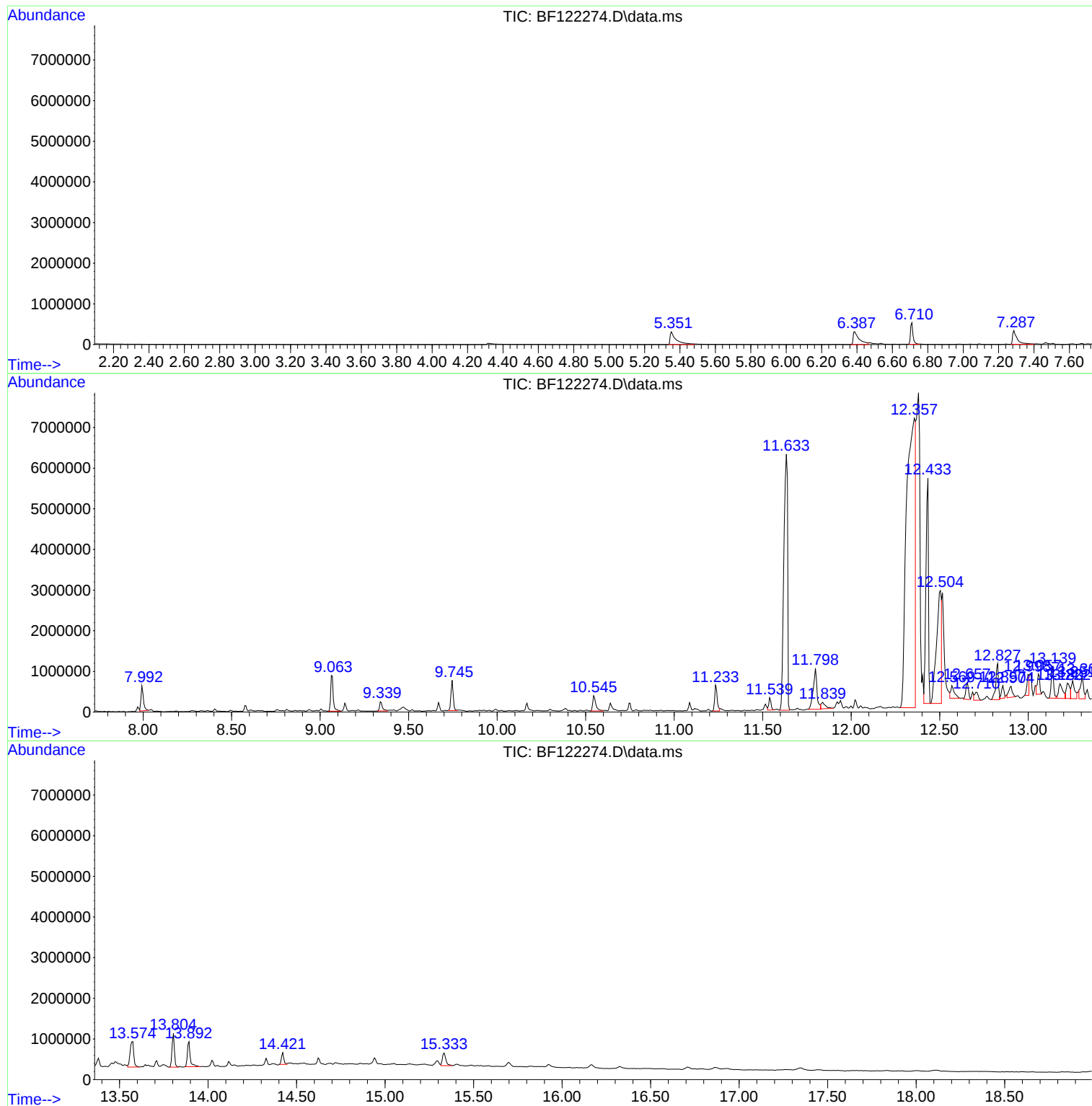
Sum of corrected areas: 62682319

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

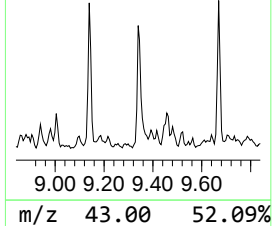
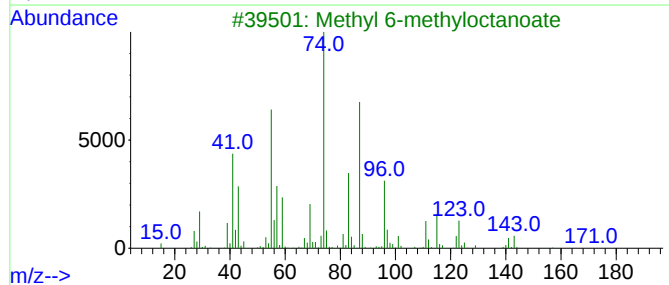
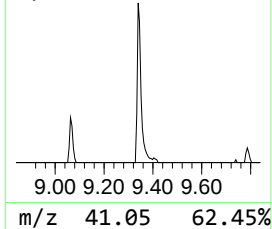
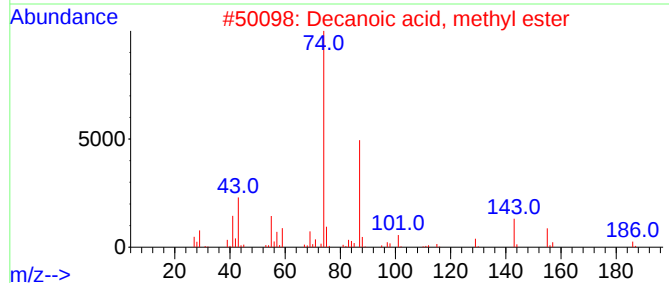
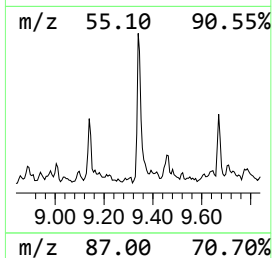
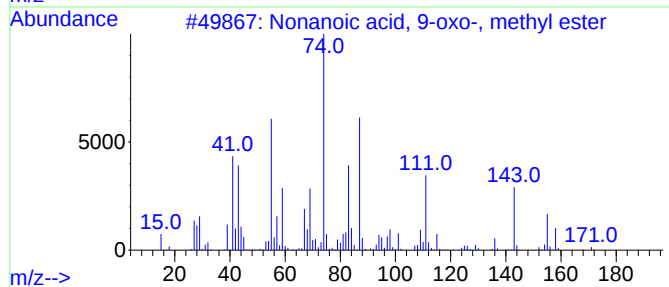
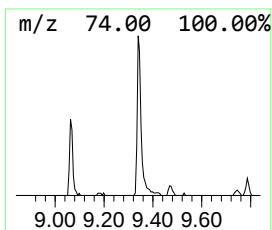
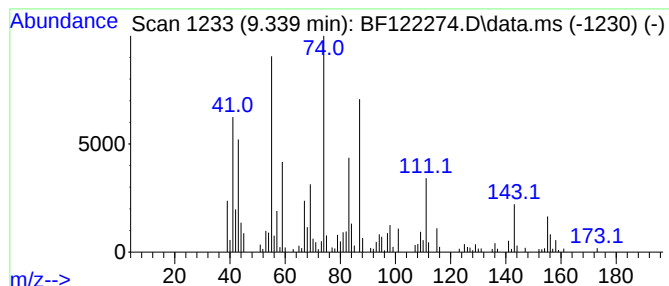
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonanoic acid, 9-oxo-, meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	8.01 ng	258945	Acenaphthene-d10	9.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	87
2			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	47
3			Methyl 6-methyloctanoate	172	C10H20O2	005129-62-4	45
4			Methyl 8-methyl-decanoate	200	C12H24O2	1000336-49-1	38
5			Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

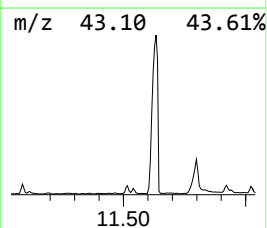
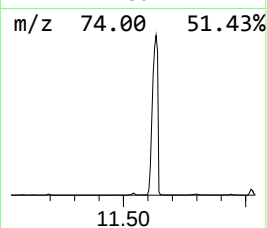
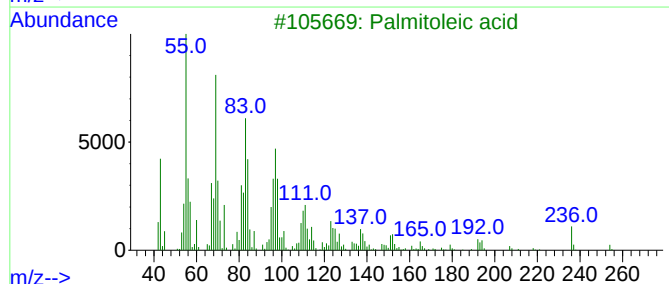
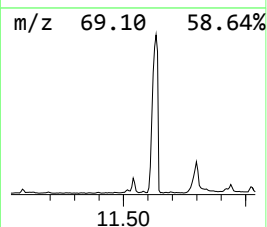
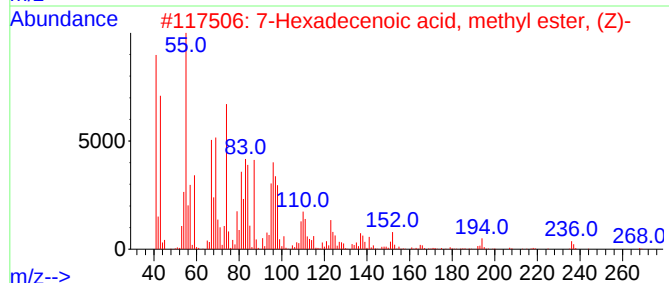
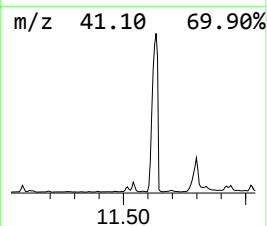
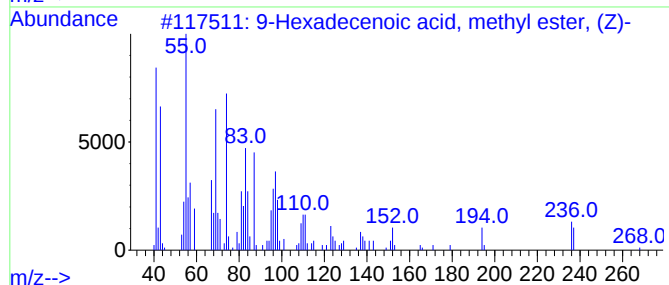
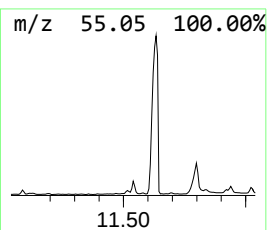
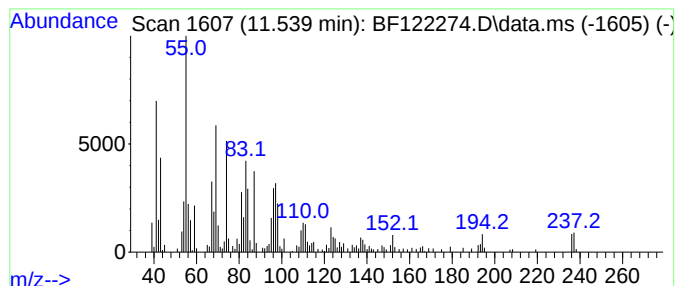
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 9-Hexadecenoic acid, methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	8.38 ng	258303	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	81
2			7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	52
3			Palmitoleic acid	254	C16H30O2	000373-49-9	49
4			E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	45
5			cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

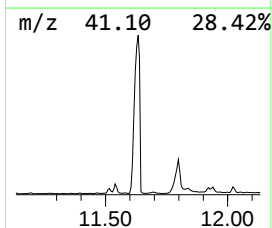
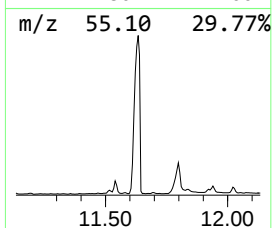
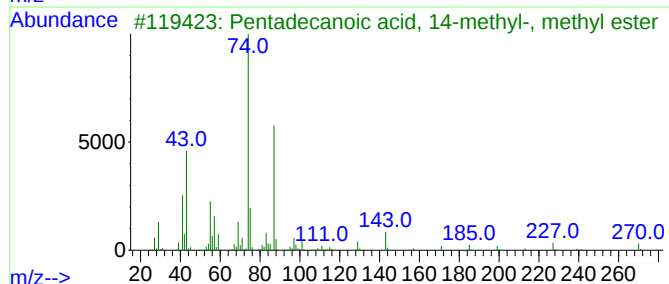
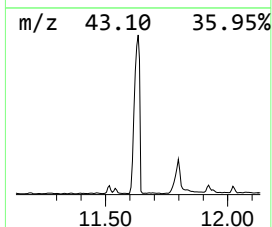
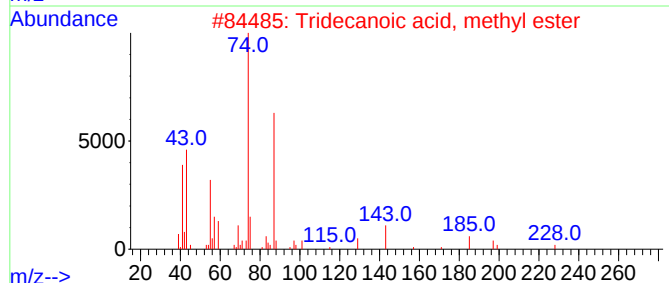
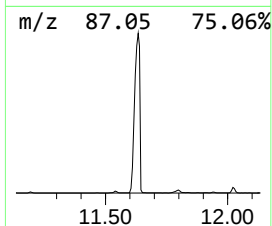
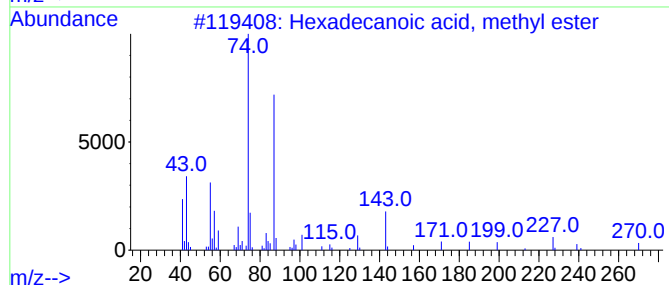
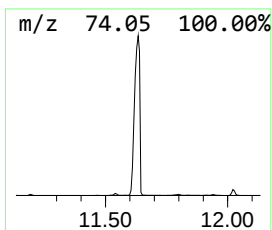
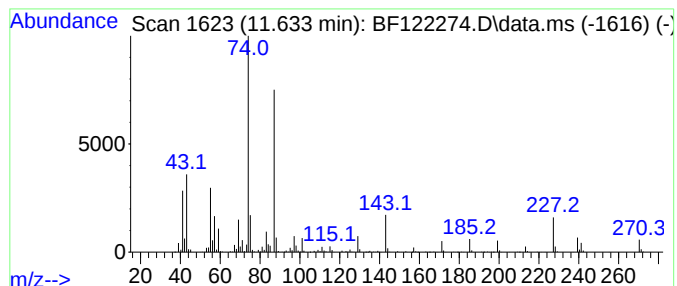
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	301.93 ng	9301930	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

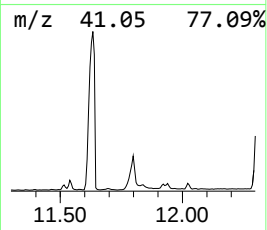
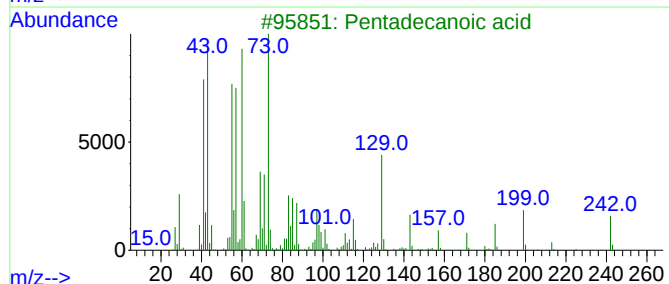
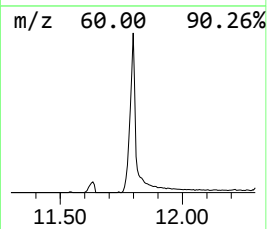
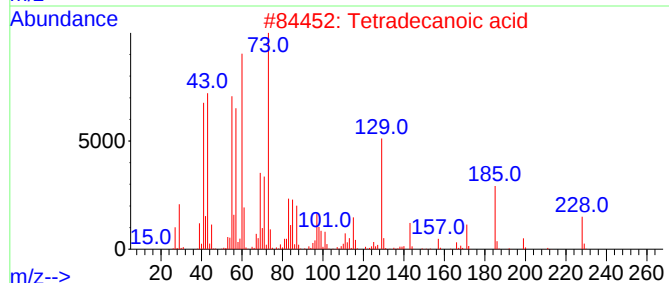
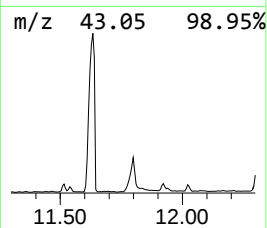
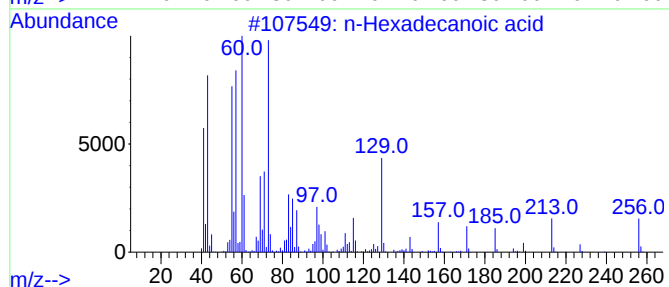
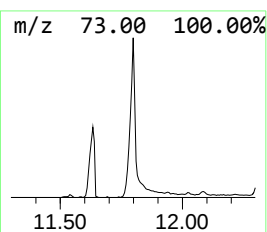
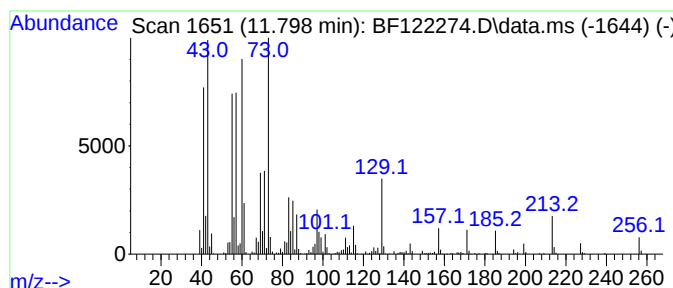
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.798	48.17 ng	1484090	Phenanthrene-d10	11.233	
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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

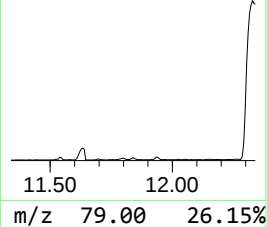
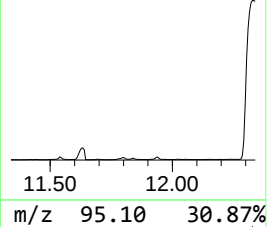
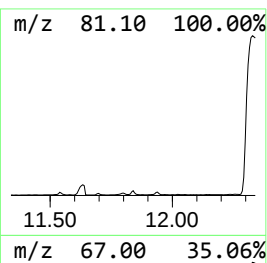
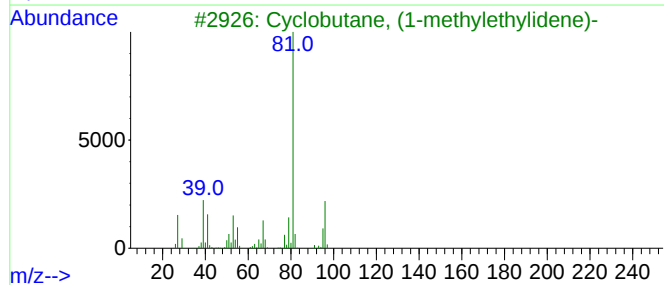
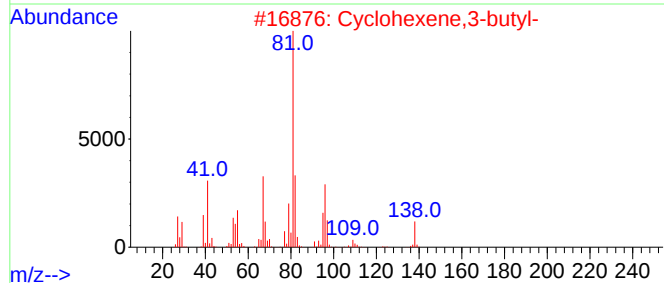
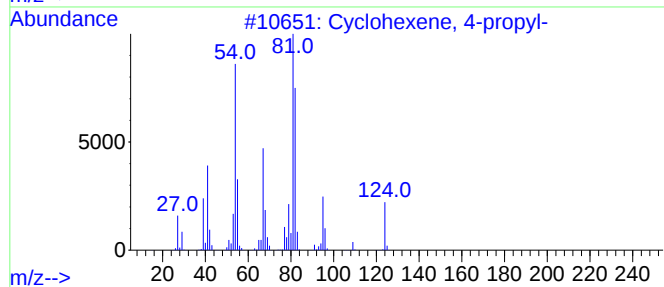
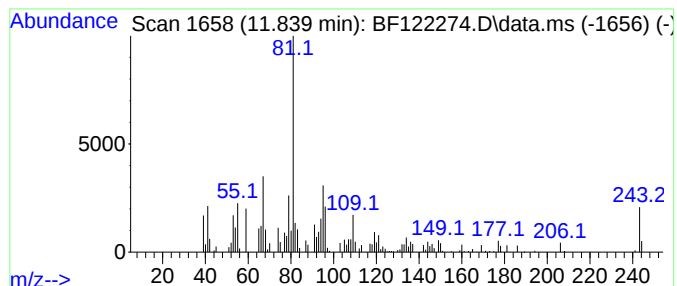
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.839 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	8.34 ng	256952	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	43
2			Cyclohexene,3-butyl-	138	C10H18	003983-07-1	43
3			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
4			3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	43
5			2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

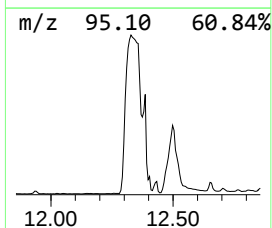
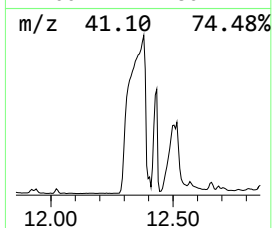
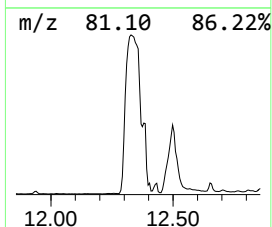
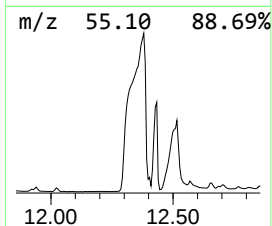
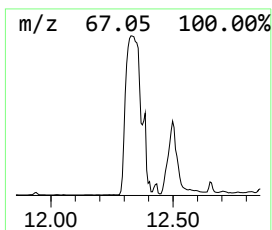
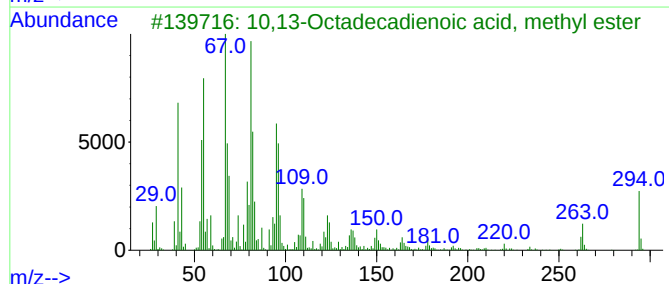
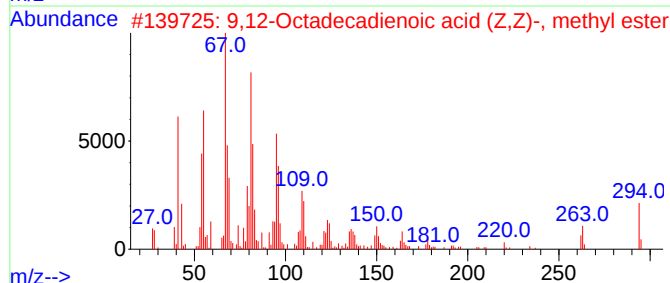
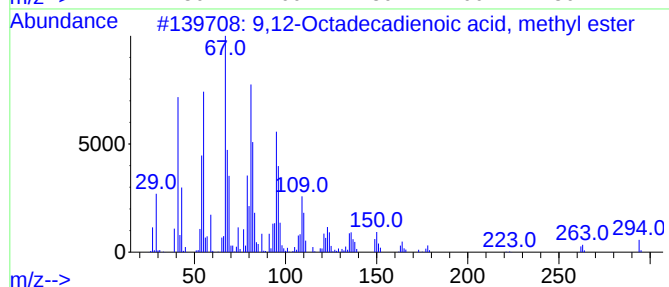
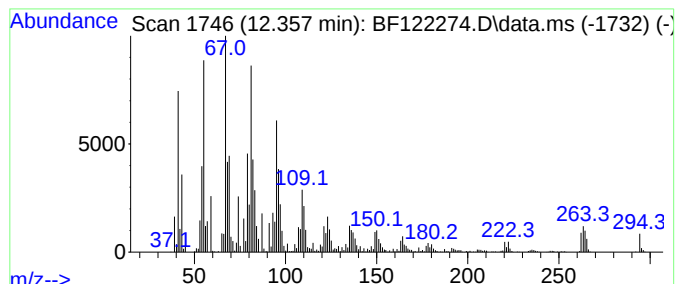
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.357	799.98 ng	24645700	Phenanthrene-d10	11.233	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

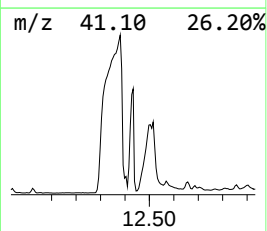
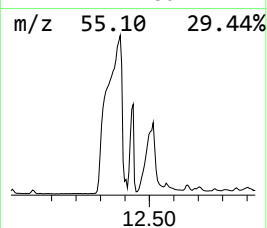
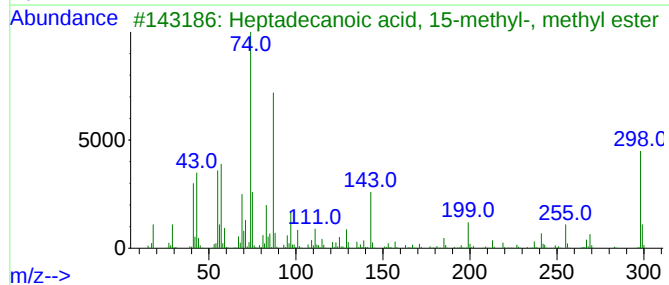
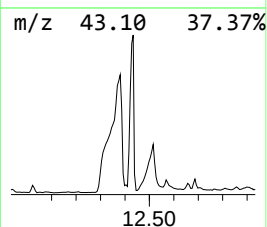
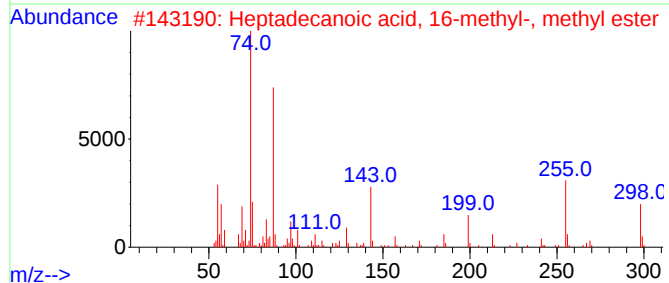
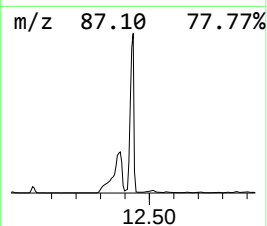
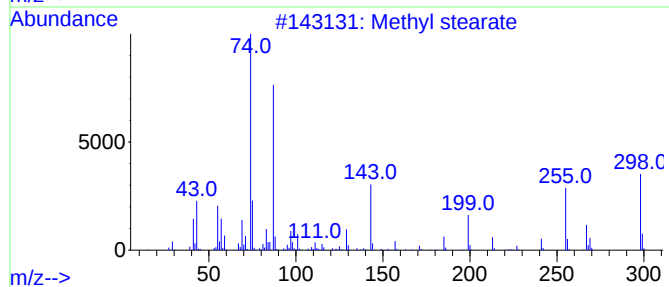
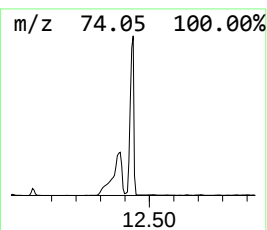
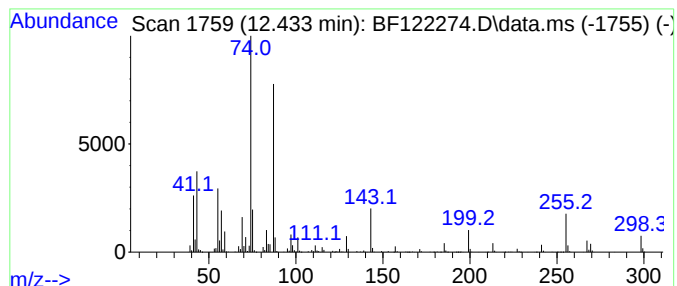
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	176.38 ng	5434050	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

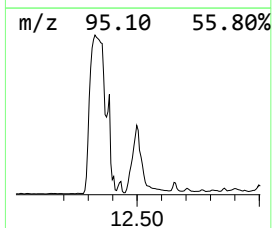
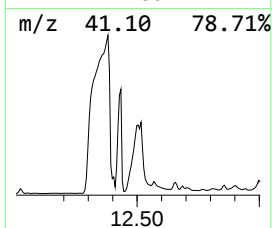
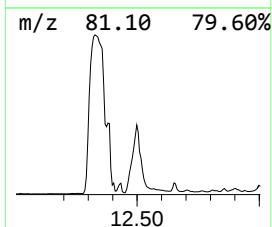
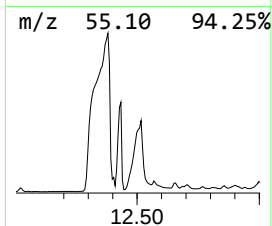
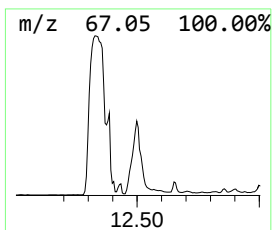
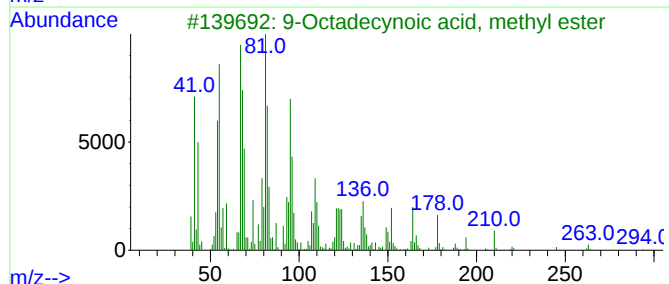
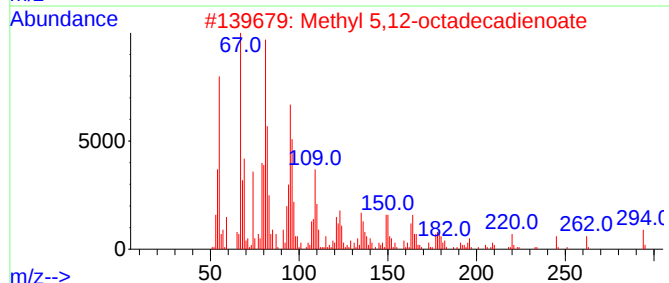
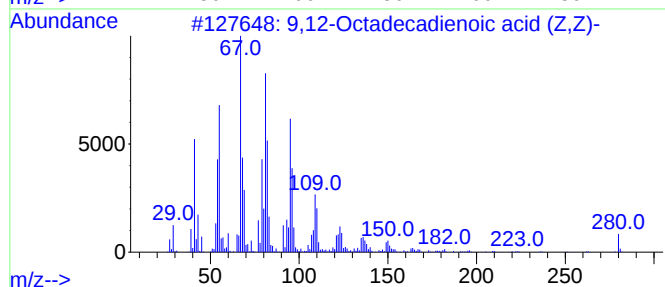
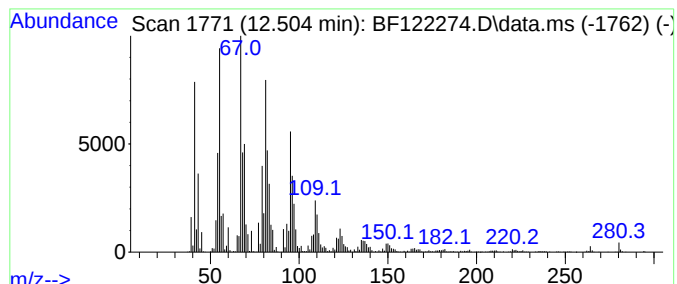
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	180.93 ng	5574160	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99		
2	Methyl 5,12-octadecadienoate	294	C19H34O2	1000336-43-1	90		
3	9-Octadecynoic acid, methyl ester	294	C19H34O2	001120-32-7	89		
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	87		
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	87		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

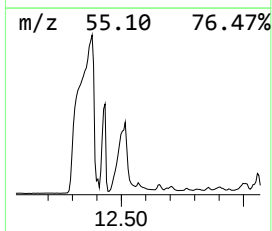
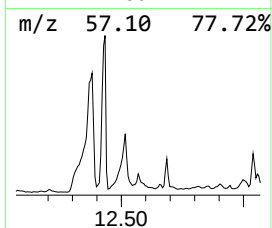
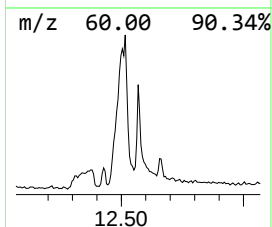
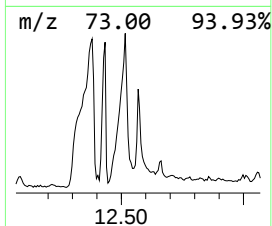
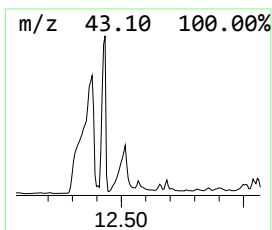
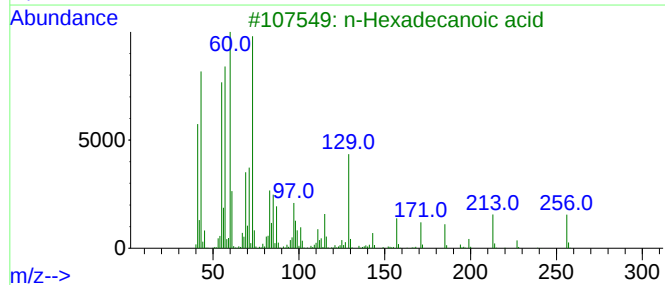
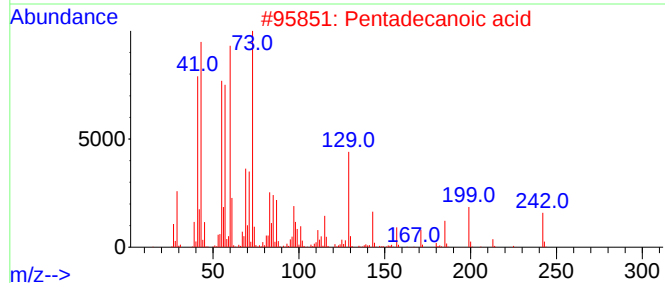
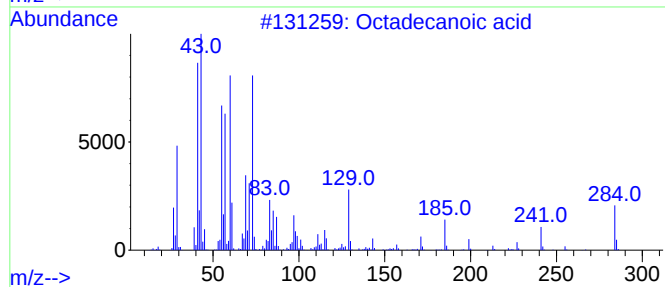
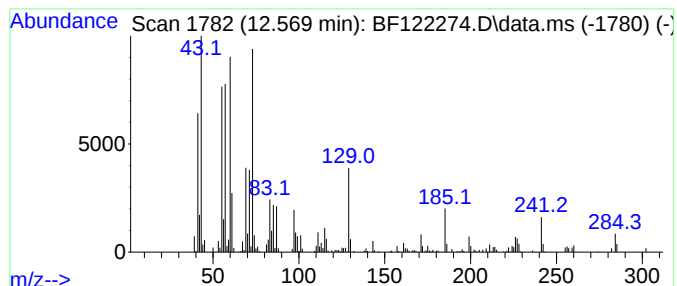
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.569	12.25 ng	426311	Chrysene-d12		13.892	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	94
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
5	Tridecanoic acid		214	C13H26O2	000638-53-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

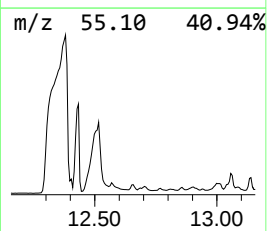
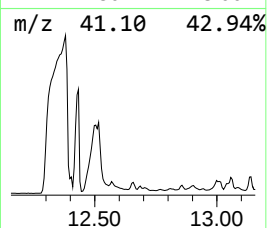
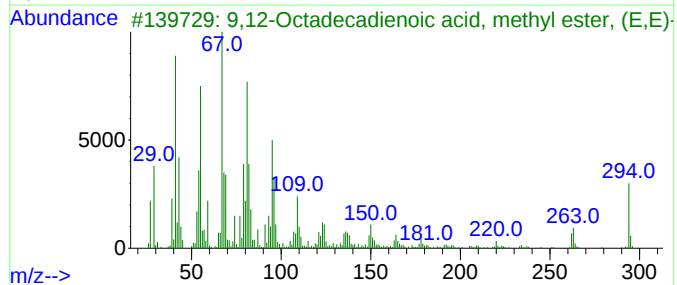
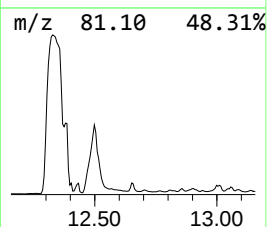
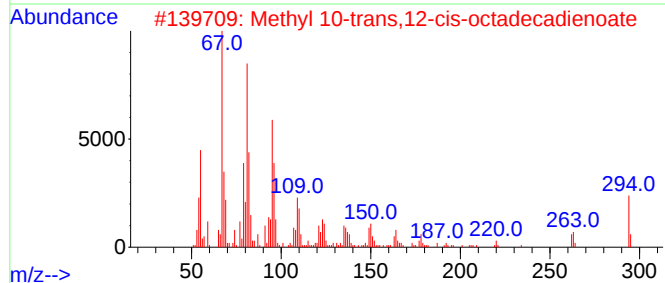
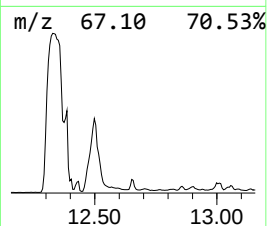
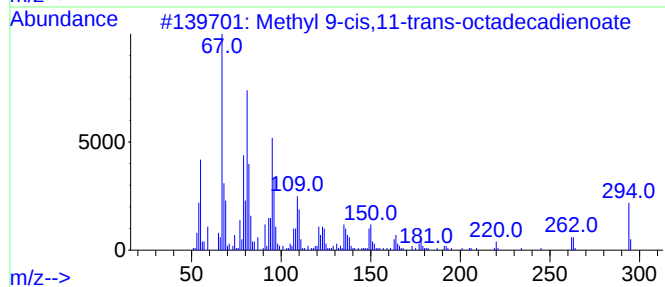
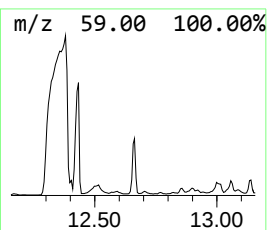
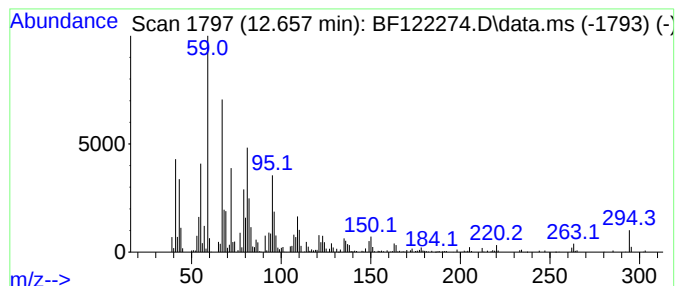
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl 9-cis,11-trans-octad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	12.50 ng	435049	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96
2			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	96
3			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95
4			9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	95
5			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

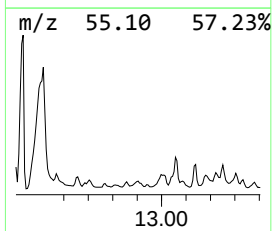
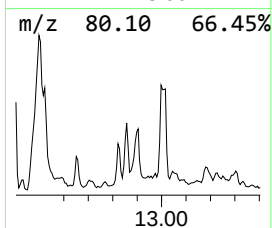
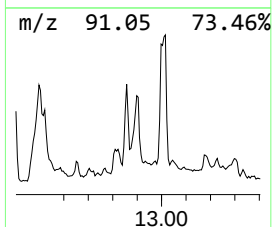
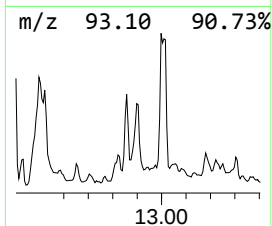
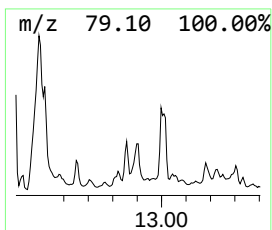
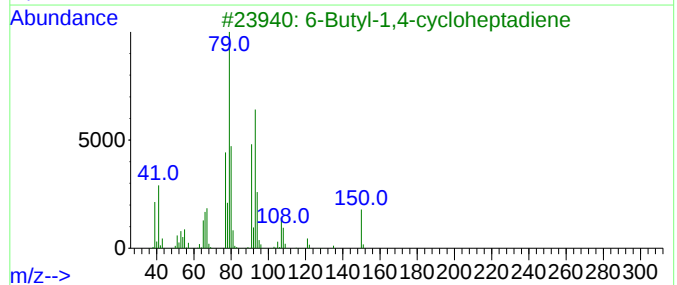
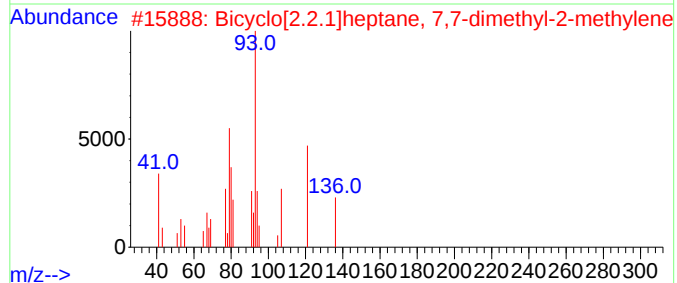
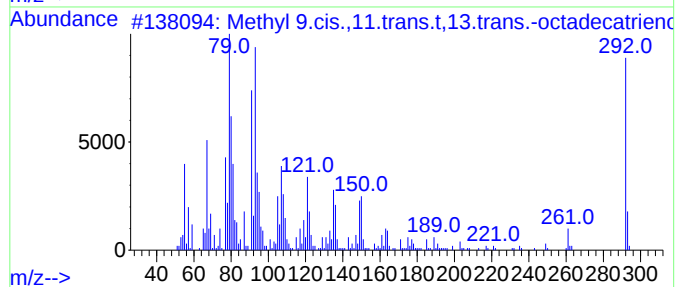
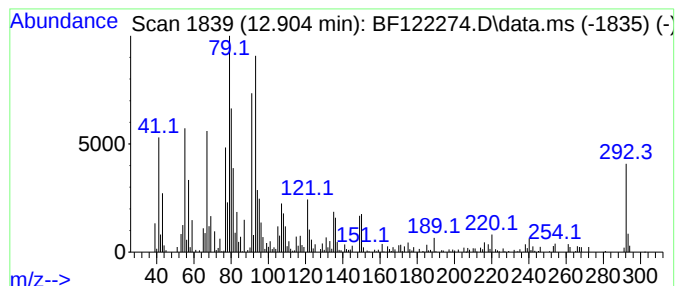
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methyl 9.cis.,11.trans.t,13... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	10.64 ng	370410	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9.cis.,11.trans.t,13.trans...	292	C19H32O2	1000336-42-6	95
2			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	72
3			6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	68
4			1,3-Cyclododecadiene, (E,Z)-	164	C12H20	001129-92-6	60
5			6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

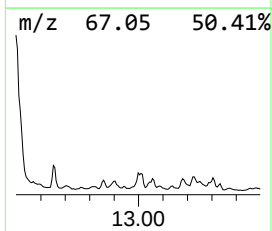
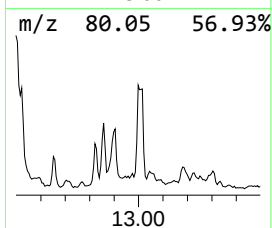
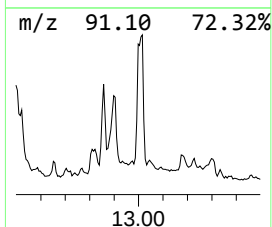
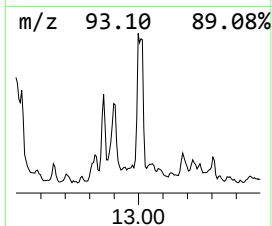
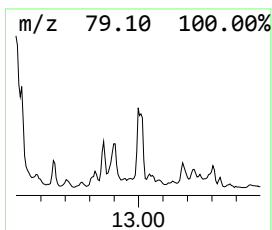
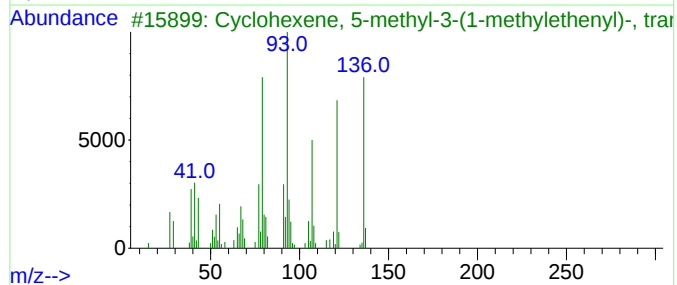
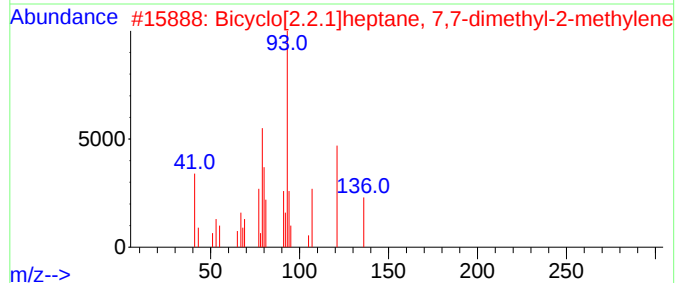
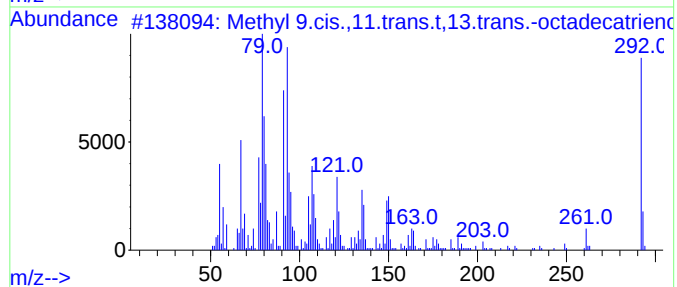
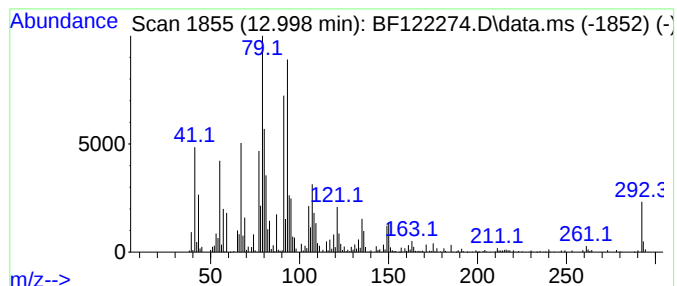
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.998	13.23 ng	460458	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	98
2			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	72
3			Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	68
4			m-Mentha-4,8-diene, (1S,3S)-(+)-	136	C10H16	005208-51-5	68
5			Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

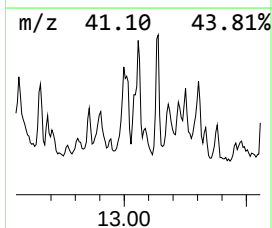
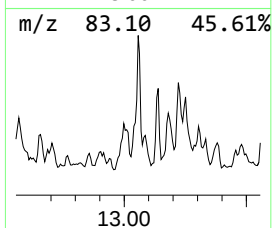
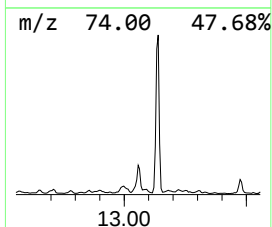
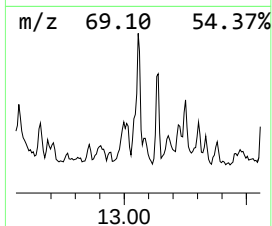
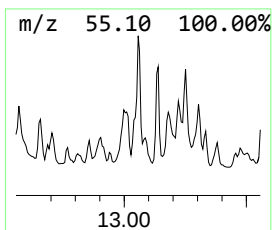
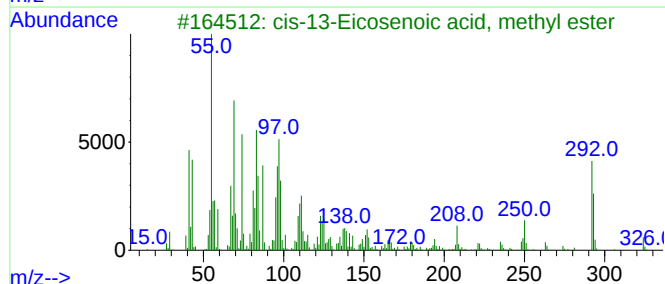
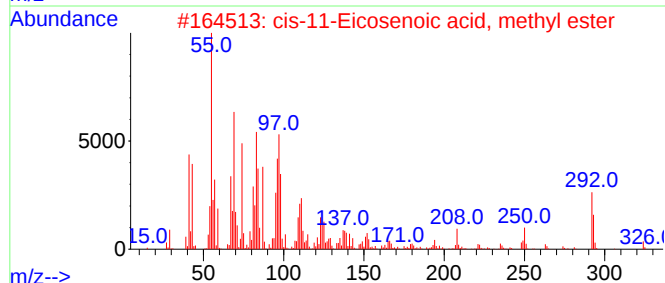
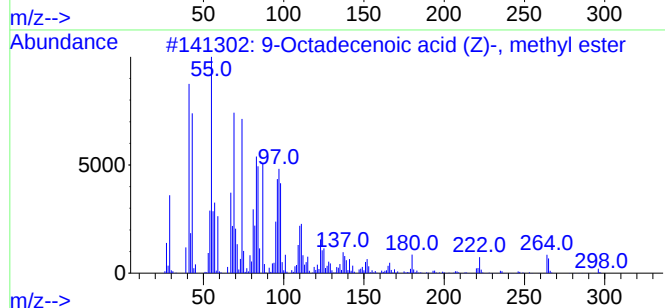
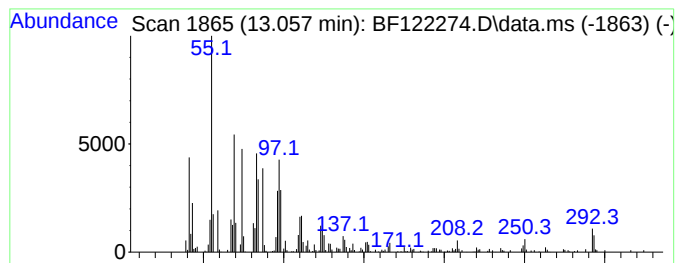
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	12.94 ng	450454	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
2			cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	90
3			cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	90
4			11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	87
5			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

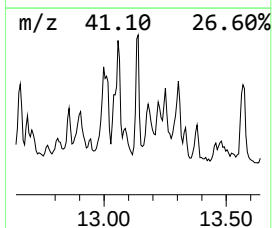
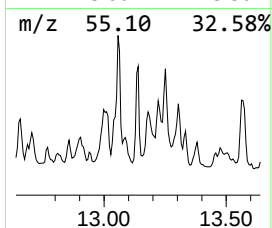
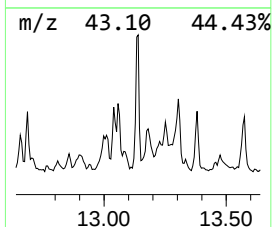
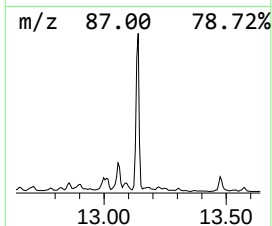
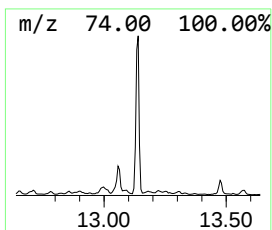
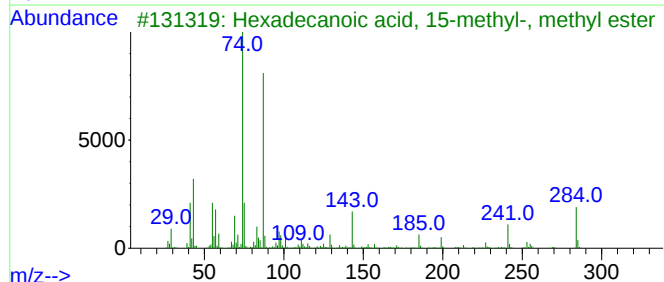
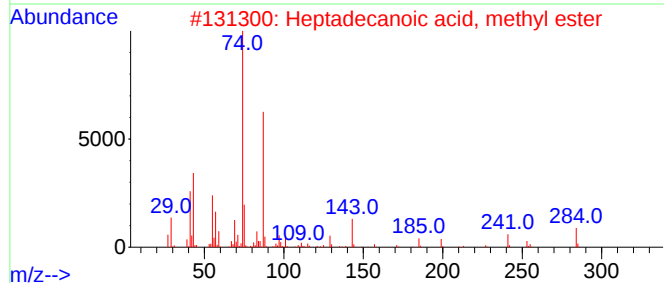
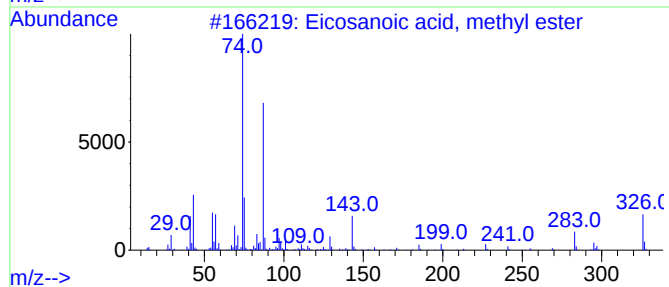
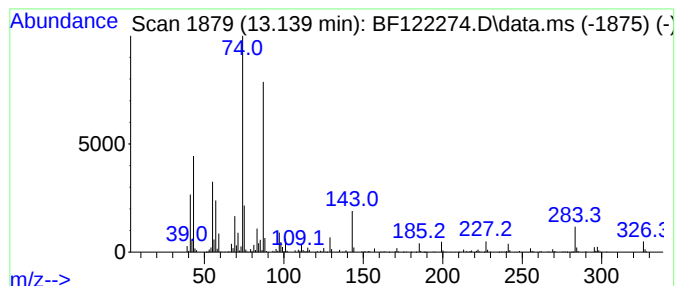
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	21.35 ng	743273	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

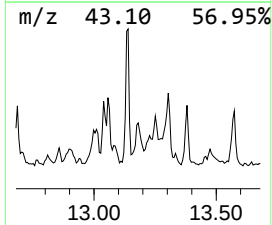
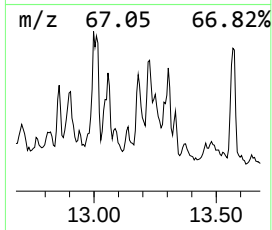
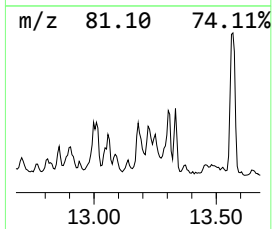
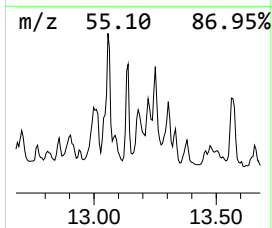
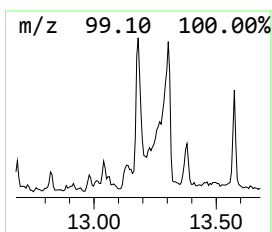
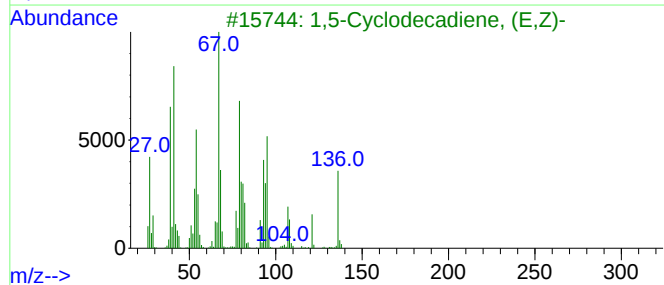
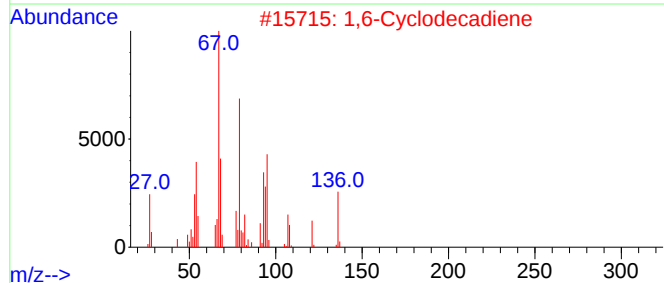
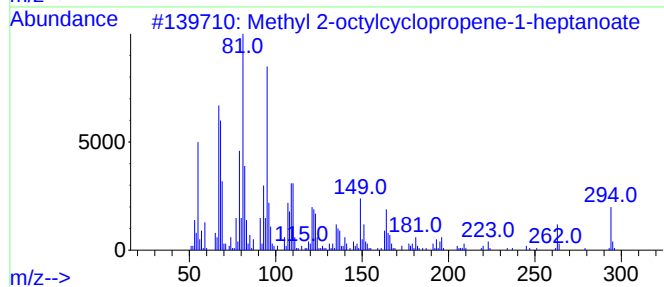
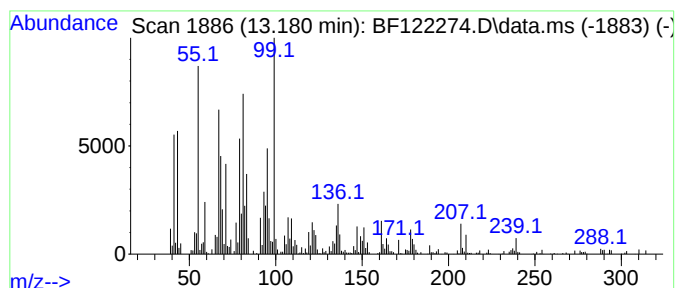
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl 2-octylcyclopropene-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	17.36 ng	604218	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 2-octylcyclopropene-1-hep...	294	C19H34O2	005026-66-4	50
2			1,6-Cyclodecadiene	136	C10H16	007049-13-0	42
3			1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	38
4			2H-Benzocyclohepten-2-one, 1,4a,...	178	C12H18O	017429-26-4	35
5			Norbornane	96	C7H12	000279-23-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

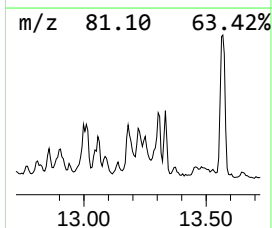
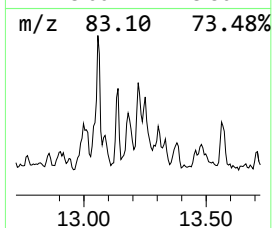
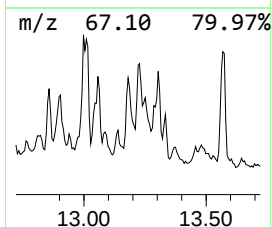
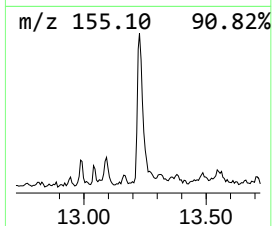
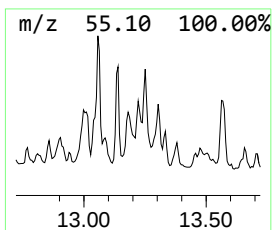
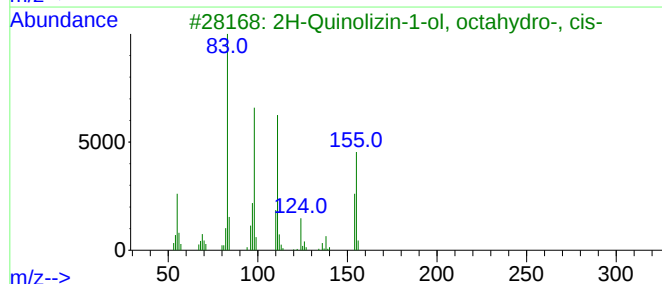
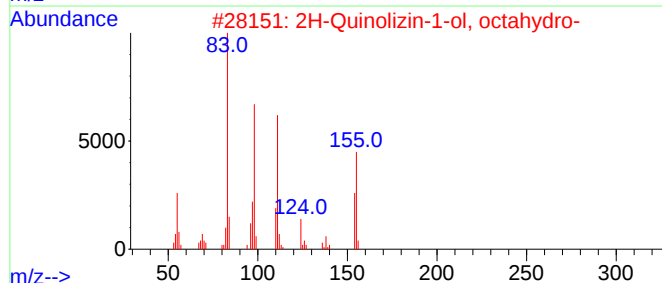
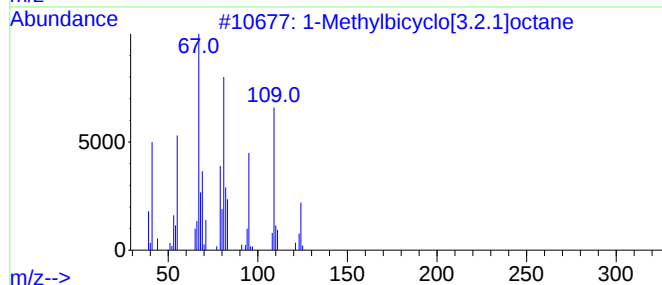
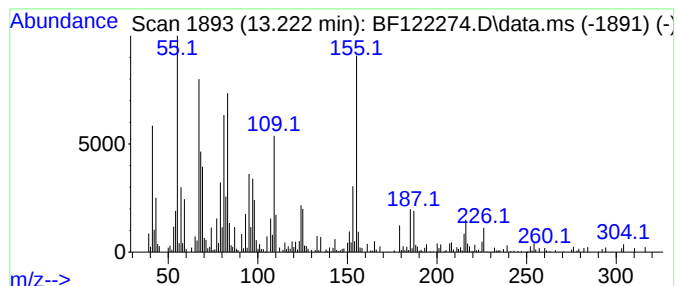
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.222 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	15.10 ng	525556	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	47
2			2H-Quinolizin-1-ol, octahydro-	155	C9H17NO	022525-60-6	35
3			2H-Quinolizin-1-ol, octahydro-, ...	155	C9H17NO	010447-19-5	35
4			Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	25
5			4H-1,3-Benzodioxin-4-one, 2-(1,1...	212	C12H20O3	113121-89-4	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

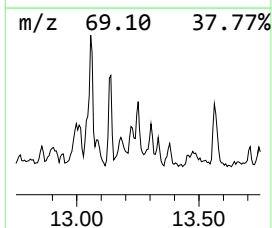
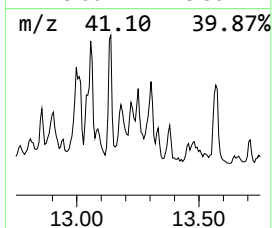
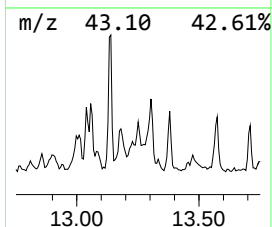
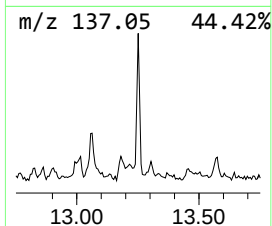
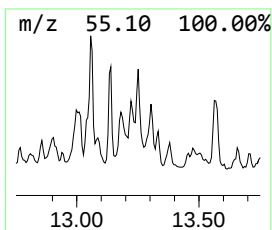
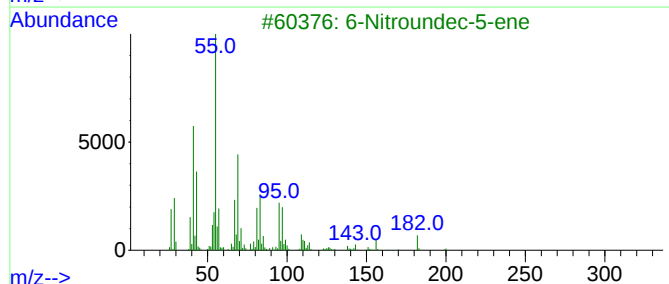
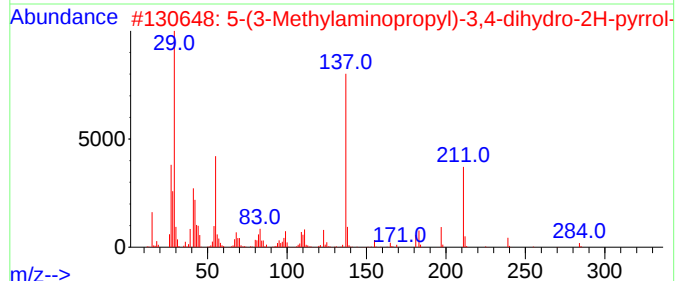
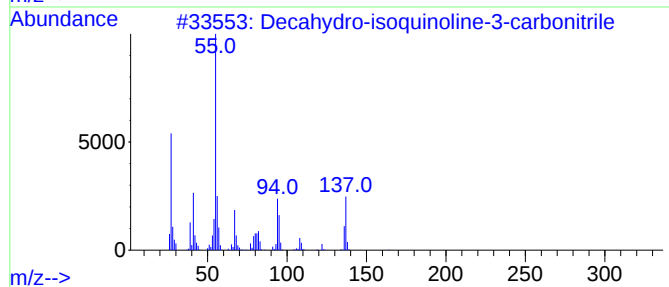
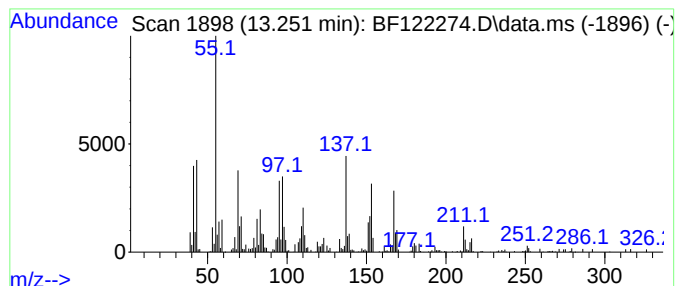
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.251 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	16.00 ng	556820	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-isoquinoline-3-carboni...	164	C10H16N2	1000188-70-4	22
2			5-(3-Methylaminopropyl)-3,4-dihy...	284	C14H24N2O4	1000287-41-9	14
3			6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	11
4			Decane, 1,10-dibromo-	298	C10H20Br2	004101-68-2	9
5			2-Bromopropionyl bromide	214	C3H4Br2O	000563-76-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

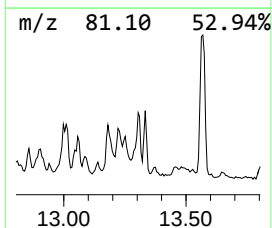
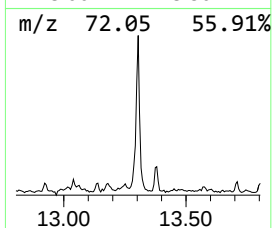
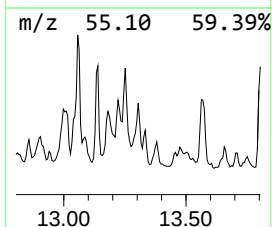
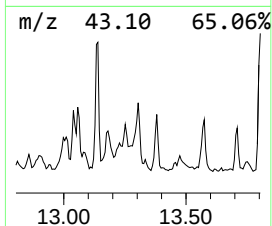
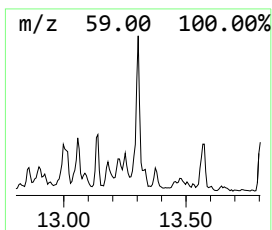
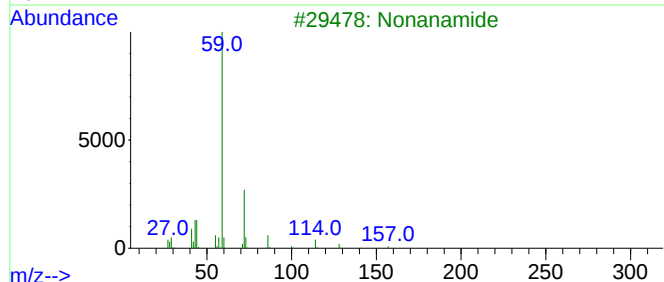
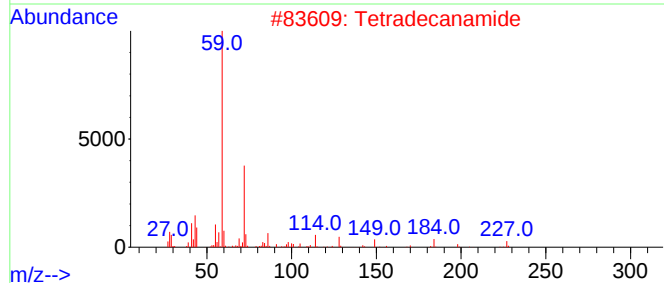
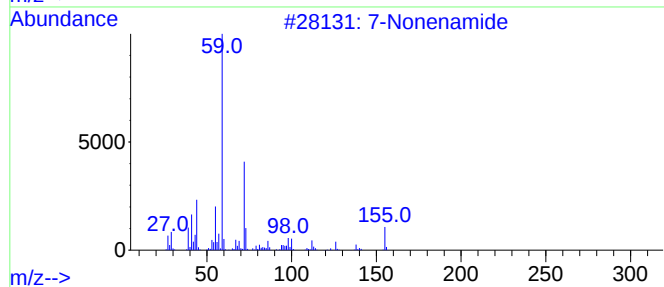
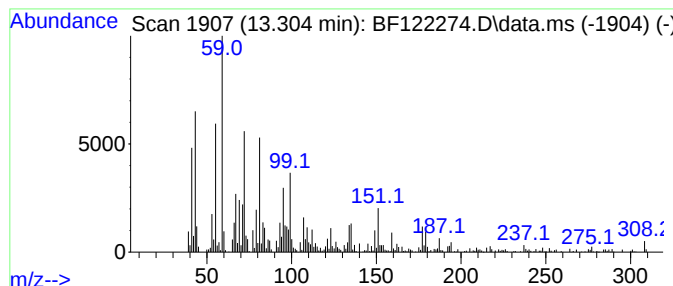
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.304 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	18.18 ng	633007	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Nonenamide	155	C9H17NO	090949-53-4	46
2			Tetradecanamide	227	C14H29NO	000638-58-4	43
3			Nonanamide	157	C9H19NO	001120-07-6	38
4			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	35
5			Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110320

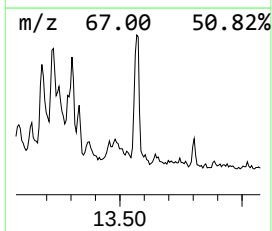
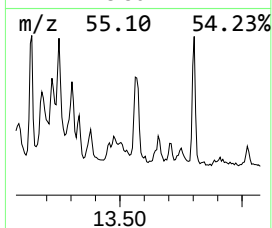
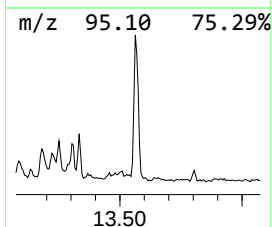
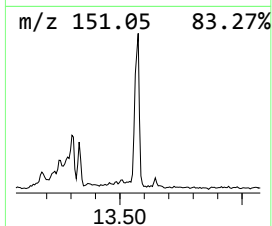
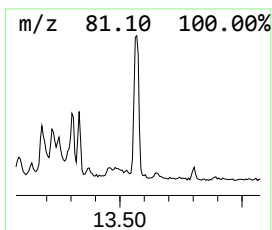
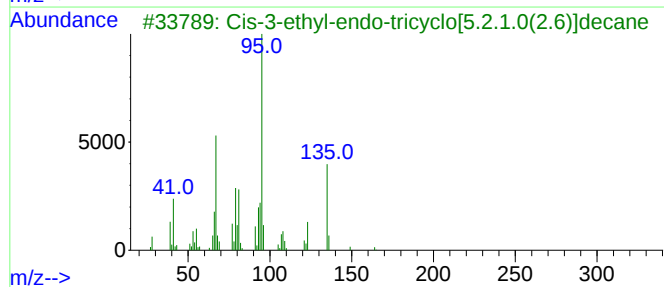
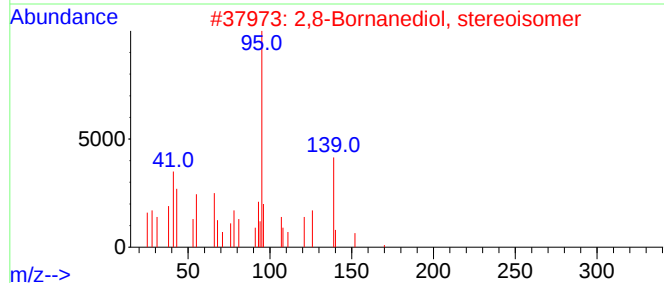
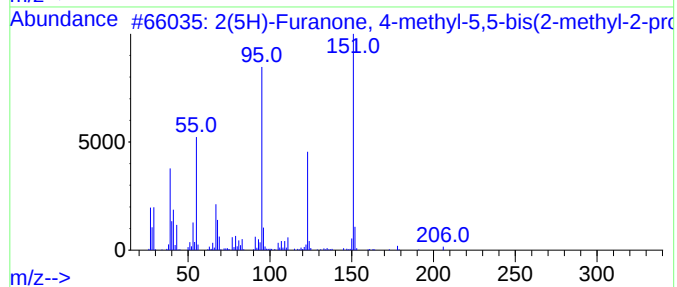
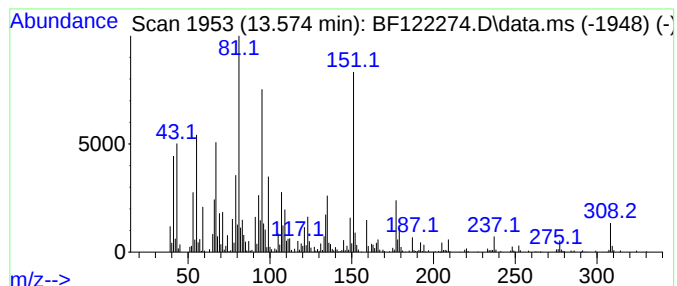
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.575 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	25.89 ng	901395	Chrysene-d12	13.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	30		
2	2,8-Bornanediol, stereoisomer	170	C10H18O2	013429-50-0	27		
3	Cis-3-ethyl-endo-tricyclo[5.2.1....	164	C12H20	1000215-29-1	25		
4	7,8-Epoxy-trans-syn-cis-tricyclo...	178	C12H18O	057366-09-3	15		
5	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	11		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122274.D
Acq On : 4 Nov 2020 20:48
Operator : JU/CG
Sample : L4596-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

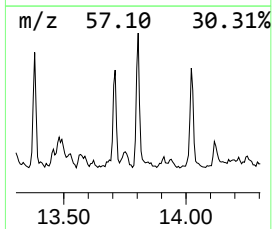
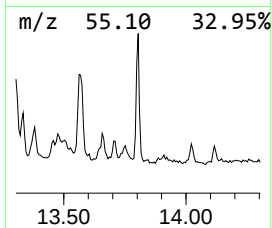
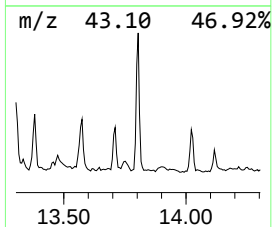
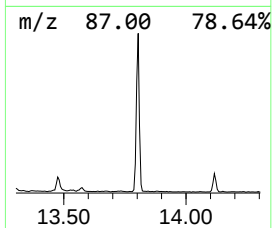
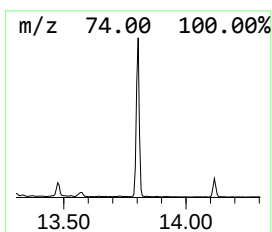
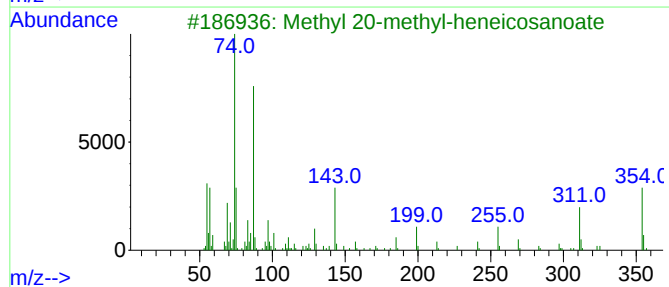
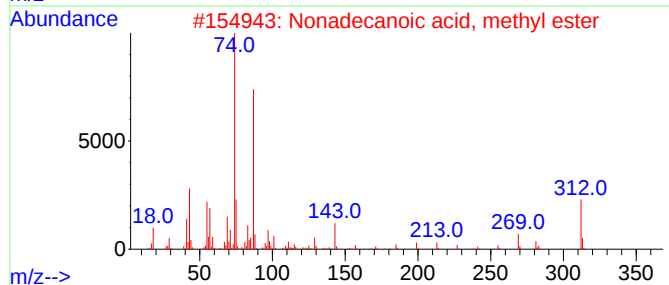
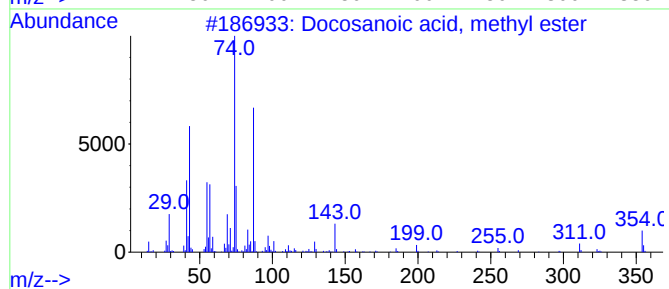
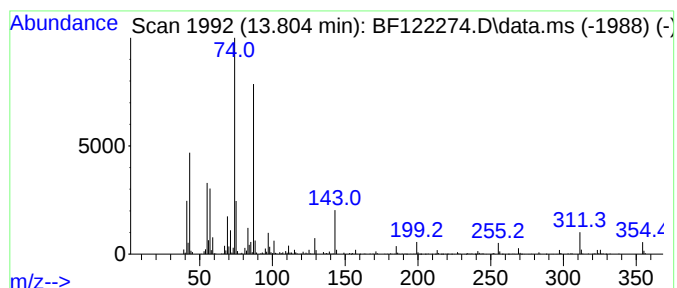
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.804	21.04 ng	732539	Chrysene-d12		13.892	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
3		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
4		Methyl stearate	298	C19H38O2	000112-61-8	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122274.D
 Acq On : 4 Nov 2020 20:48
 Operator : JU/CG
 Sample : L4596-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-110320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Nonanoic acid, ...	9.339	8.0	ng	258945	3	9.745	646589	20.0
9-Hexadecenoic ...	11.539	8.4	ng	258303	4	11.233	616160	20.0
Hexadecanoic ac...	11.633	301.9	ng	9301930	4	11.233	616160	20.0
n-Hexadecanoic ...	11.798	48.2	ng	1484090	4	11.233	616160	20.0
unknown11.839	11.839	8.3	ng	256952	4	11.233	616160	20.0
9,12-Octadecadi...	12.357	800.0	ng	24645700	4	11.233	616160	20.0
Methyl stearate	12.433	176.4	ng	5434050	4	11.233	616160	20.0
9,12-Octadecadi...	12.504	180.9	ng	5574160	4	11.233	616160	20.0
Octadecanoic acid	12.569	12.3	ng	426311	5	13.892	696204	20.0
Methyl 9-cis,11...	12.657	12.5	ng	435049	5	13.892	696204	20.0
Methyl 9.cis.,1...	12.904	10.6	ng	370410	5	13.892	696204	20.0
Bicyclo[2.2.1]h...	12.998	13.2	ng	460458	5	13.892	696204	20.0
9-Octadecenoic ...	13.057	12.9	ng	450454	5	13.892	696204	20.0
Eicosanoic acid...	13.139	21.4	ng	743273	5	13.892	696204	20.0
Methyl 2-octylc...	13.180	17.4	ng	604218	5	13.892	696204	20.0
unknown13.222	13.222	15.1	ng	525556	5	13.892	696204	20.0
unknown13.251	13.251	16.0	ng	556820	5	13.892	696204	20.0
unknown13.304	13.304	18.2	ng	633007	5	13.892	696204	20.0
unknown13.575	13.575	25.9	ng	901395	5	13.892	696204	20.0
Docosanoic acid...	13.804	21.0	ng	732539	5	13.892	696204	20.0