

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
 Data File : BF119900.D
 Acq On : 10 Apr 2020 17:45
 Operator : MA/SJ
 Sample : L2178-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-41

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-BF040820.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	3.757	279	284	289	rBV	157180	209848	3.01%	0.444%
2	4.945	482	486	492	rVB	142522	163910	2.35%	0.346%
3	5.357	549	556	560	rBV	2510398	2653131	38.06%	5.608%
4	6.381	725	730	737	rVB	1862475	1638989	23.51%	3.464%
5	6.751	789	793	796	rBV	1265571	1049939	15.06%	2.219%
6	6.910	815	820	823	rBV	5026082	4572913	65.60%	9.665%
7	7.322	883	890	892	rBV	3471120	3948953	56.65%	8.346%
8	8.033	1006	1011	1014	rBV	1462638	1347620	19.33%	2.848%
9	9.116	1189	1195	1198	rBV	6405943	6970425	100.00%	14.733%
10	9.510	1258	1262	1265	rBV	255822	212757	3.05%	0.450%
11	9.792	1304	1310	1313	rBV	1884995	1685150	24.18%	3.562%
12	9.822	1313	1315	1323	rVB	403709	340975	4.89%	0.721%
13	9.998	1341	1345	1351	rBV2	108574	116629	1.67%	0.247%
14	10.339	1399	1403	1406	rVB	191566	148457	2.13%	0.314%
15	10.586	1438	1445	1448	rBV	4364873	4684375	67.20%	9.901%
16	11.280	1558	1563	1565	rBV	1914784	1792547	25.72%	3.789%
17	11.304	1565	1567	1570	rVV	631019	496066	7.12%	1.048%
18	11.351	1570	1575	1578	rVV	175234	162069	2.33%	0.343%
19	11.821	1650	1655	1663	rBV	1355337	1418768	20.35%	2.999%
20	11.892	1664	1667	1670	rVV	78173	70613	1.01%	0.149%
21	12.492	1766	1769	1770	rBV	279243	243936	3.50%	0.516%
22	12.604	1784	1788	1800	rBV	1078424	1039482	14.91%	2.197%
23	12.716	1805	1807	1810	rVB	170646	148539	2.13%	0.314%
24	12.874	1828	1834	1837	rBV	6327246	6969522	99.99%	14.731%
25	13.104	1871	1873	1877	rVB2	89597	88690	1.27%	0.187%
26	13.451	1929	1932	1934	rVB	143131	116398	1.67%	0.246%
27	13.780	1984	1988	1997	rVB	538124	573396	8.23%	1.212%
28	13.921	2008	2012	2015	rBV	1633185	1427405	20.48%	3.017%
29	14.098	2038	2042	2049	rVB	258733	260033	3.73%	0.550%
30	14.398	2090	2093	2102	rVB	311770	324315	4.65%	0.685%
31	14.698	2140	2144	2148	rBV	335708	323118	4.64%	0.683%
32	15.027	2196	2200	2207	rVB	273802	302900	4.35%	0.640%
33	15.351	2250	2255	2259	rBV	922129	1148051	16.47%	2.427%
34	15.392	2259	2262	2272	rVB	229425	302612	4.34%	0.640%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-41

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.809	2328	2333	2340	rBV	136271	208712	2.99%	0.441%
36	16.292	2409	2415	2425	rBV4	75808	151800	2.18%	0.321%

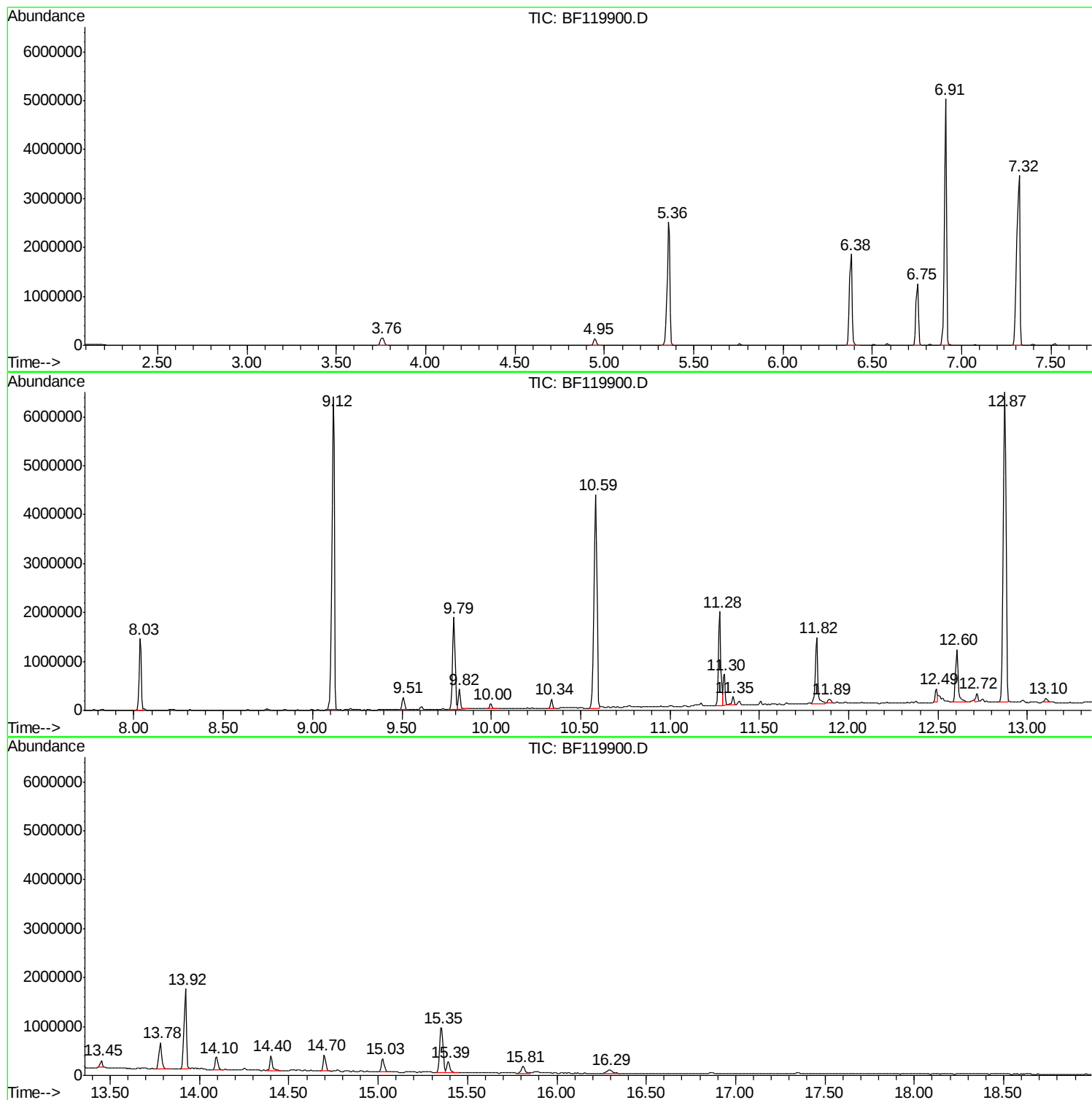
Sum of corrected areas: 47313043

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.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\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4l

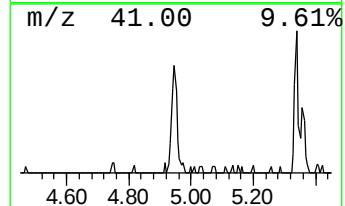
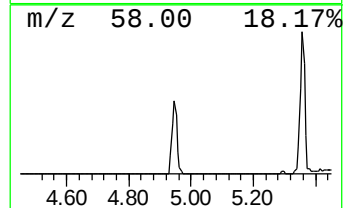
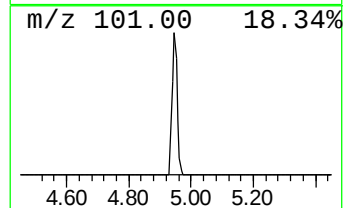
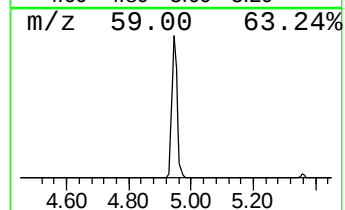
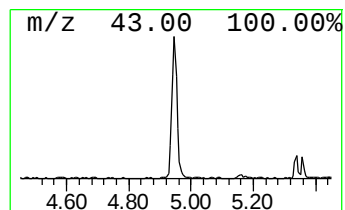
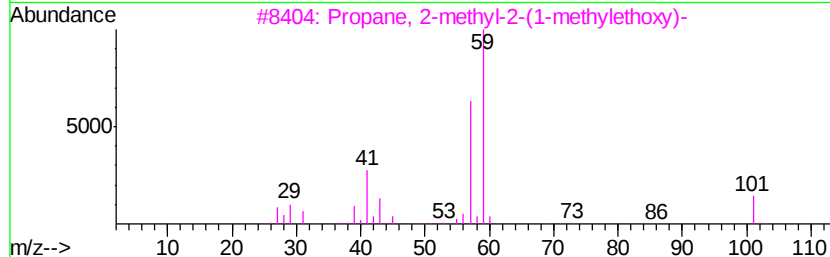
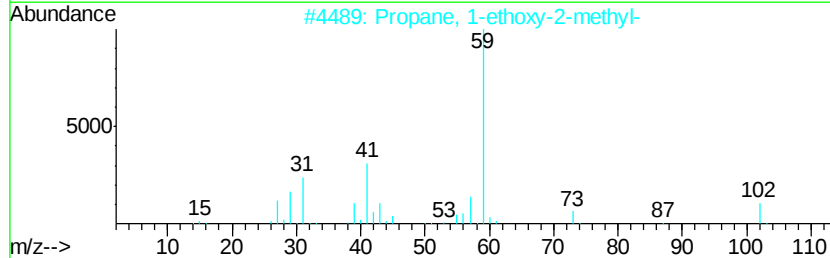
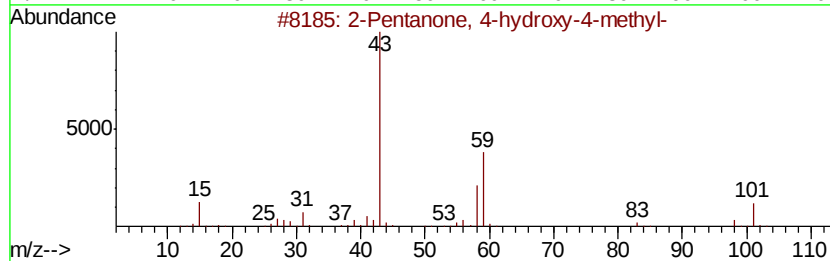
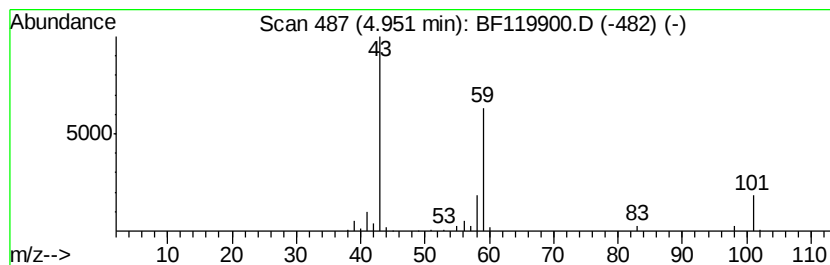
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.12 ng	163910	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43
3			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4l

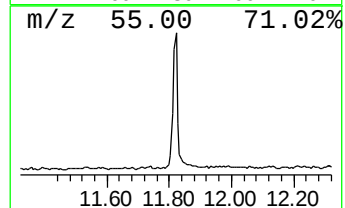
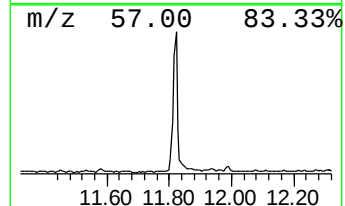
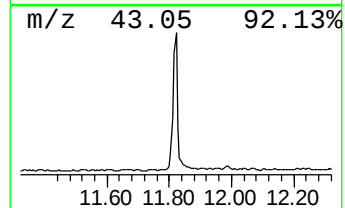
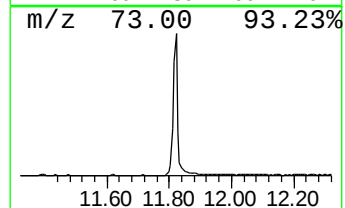
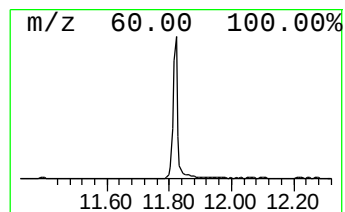
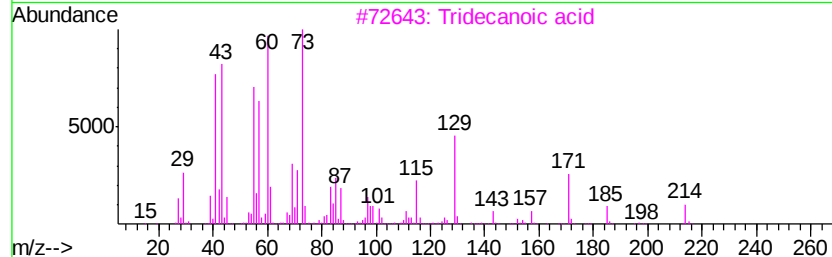
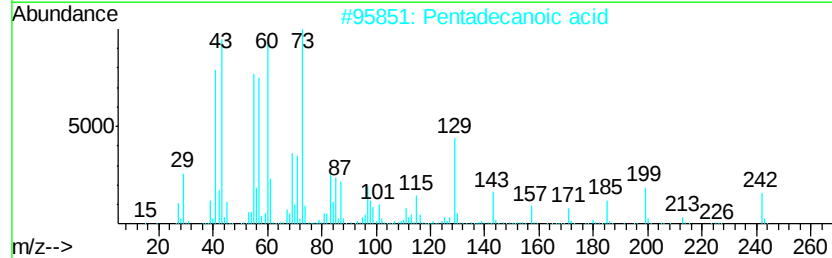
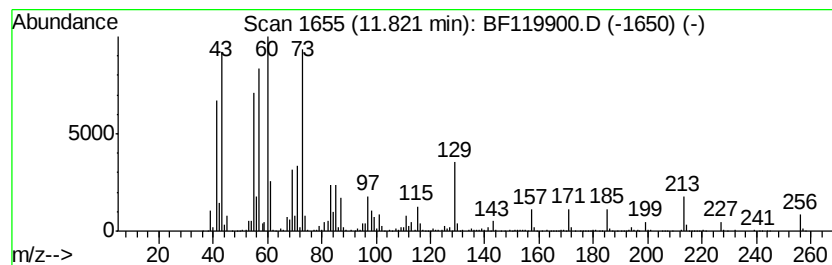
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	15.83 ng	1418770	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4l

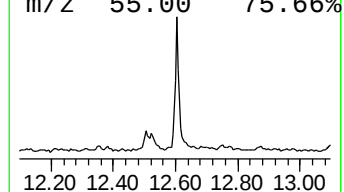
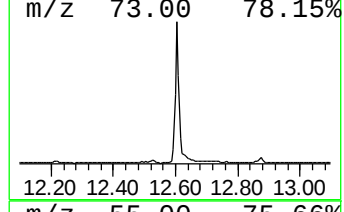
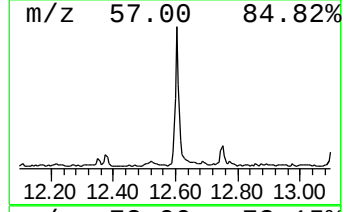
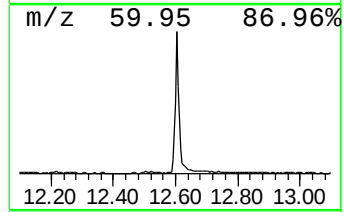
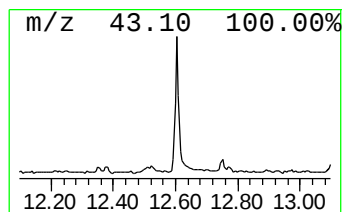
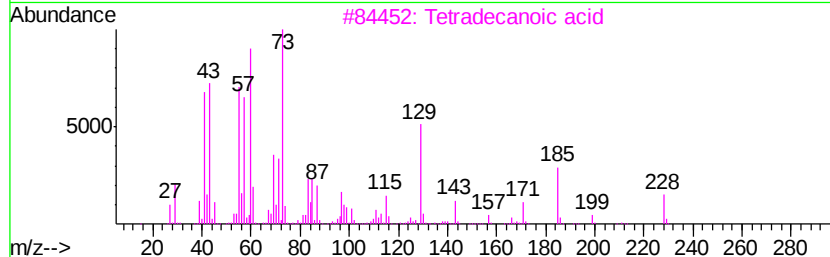
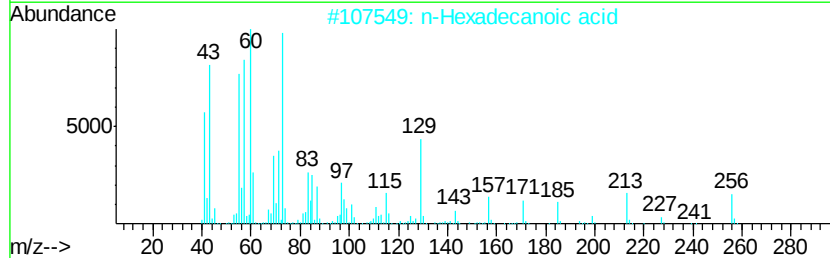
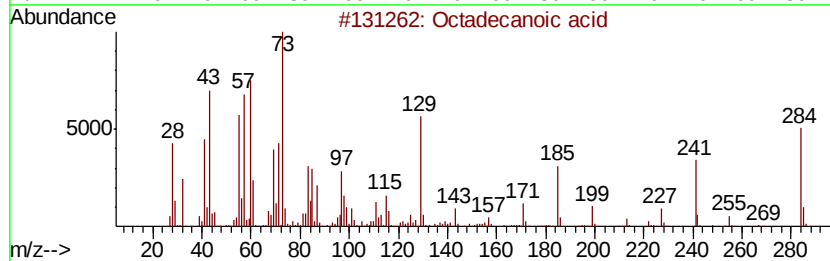
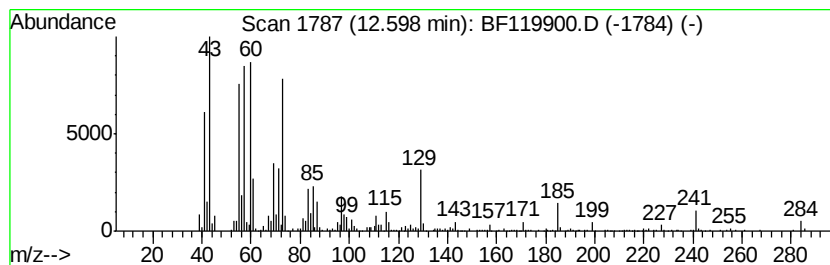
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	14.56 ng	1039480	Chrysene-d12	13.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

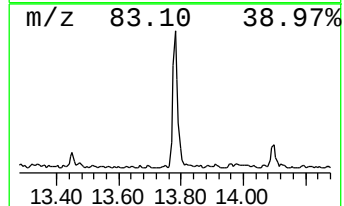
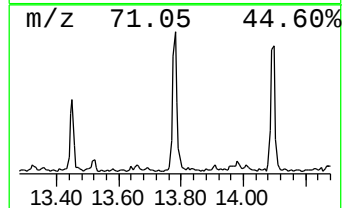
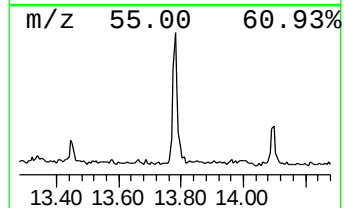
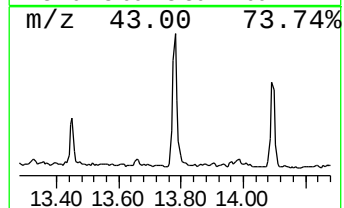
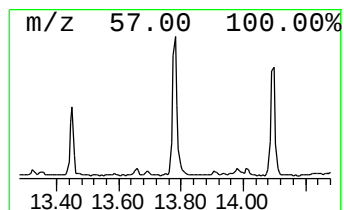
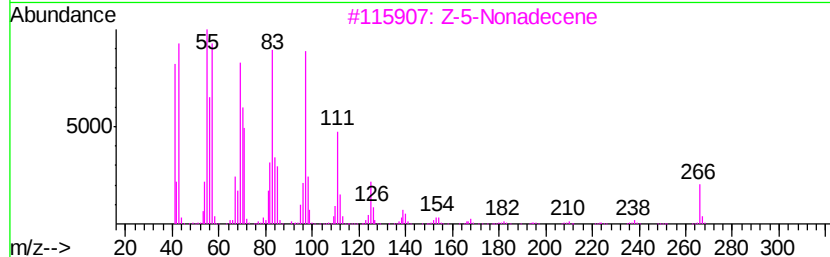
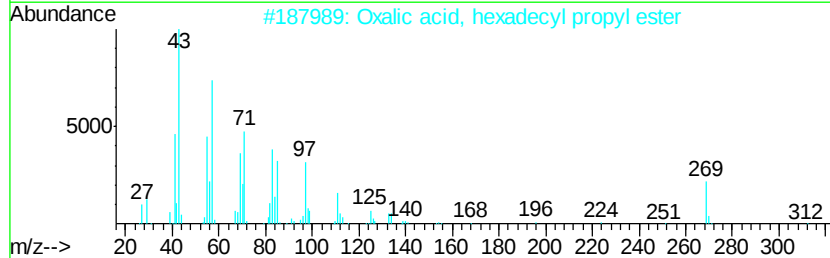
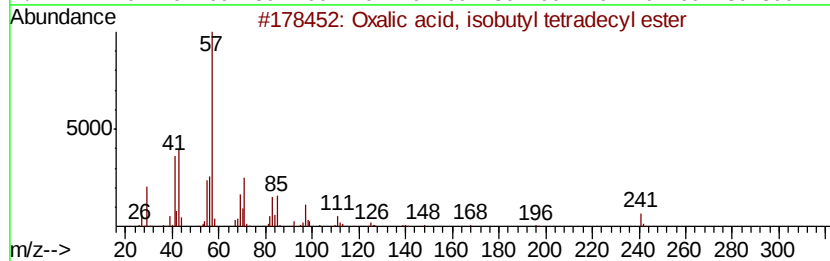
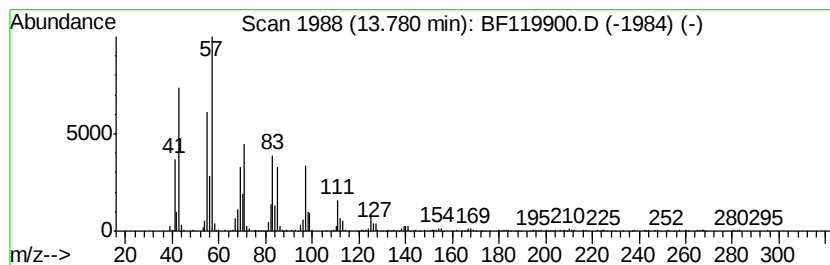
Instrument :
BNA_F
ClientSampleId :
MW-4l

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxalic acid, isobutyl tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.78	8.03 ng	573396	Chrysene-d12	13.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	87
4	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	87
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

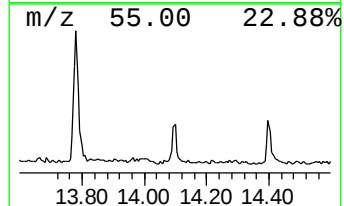
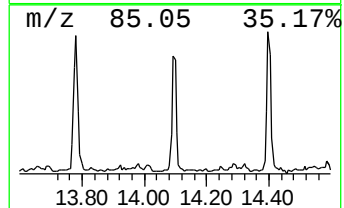
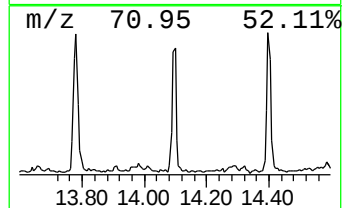
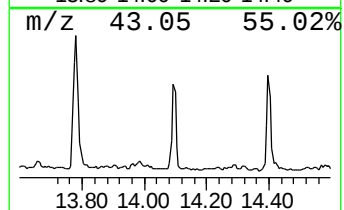
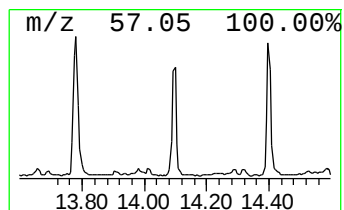
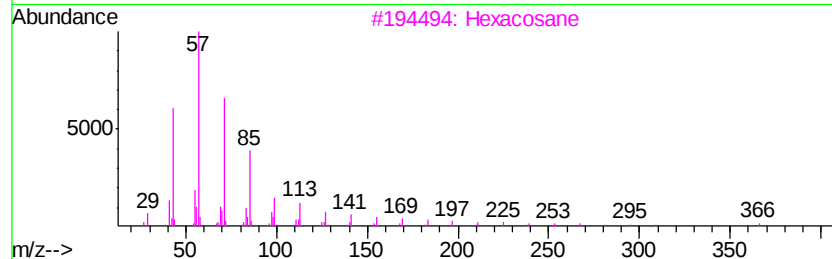
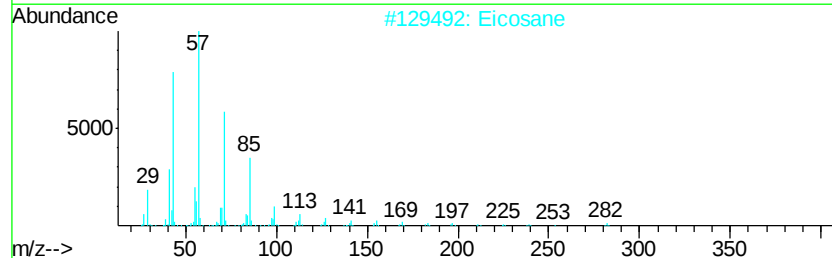
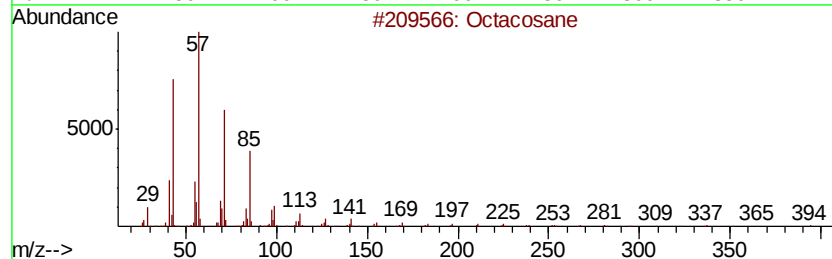
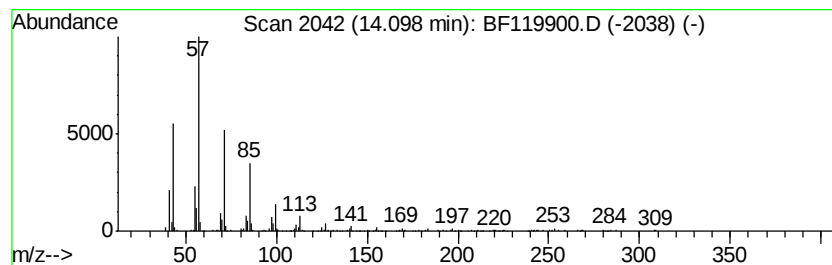
Instrument :
BNA_F
ClientSampleId :
MW-4l

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.10	3.64 ng	260033	Chrysene-d12		13.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
5	Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

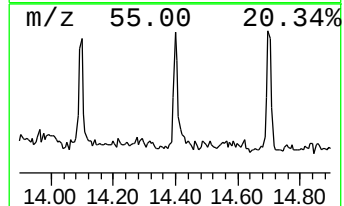
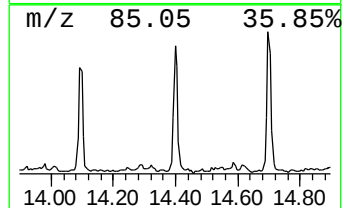
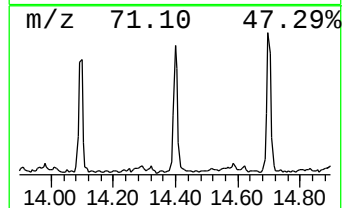
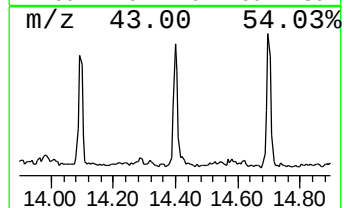
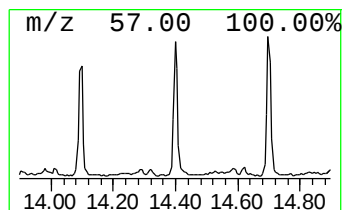
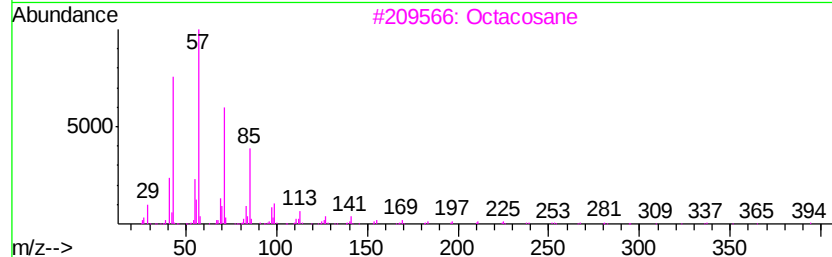
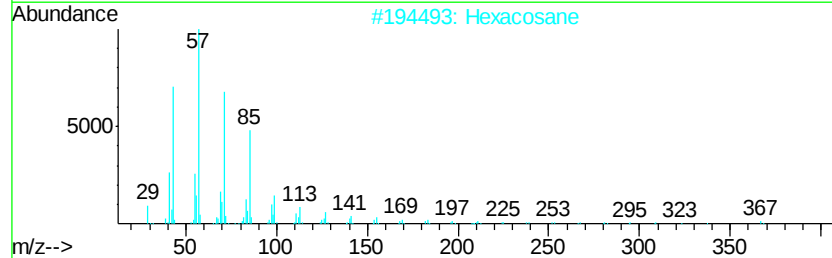
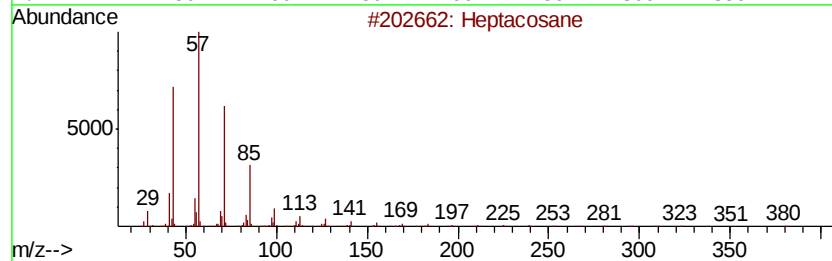
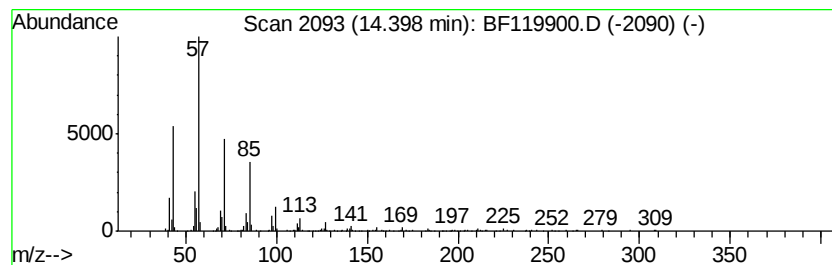
Instrument :
BNA_F
ClientSampleId :
MW-4l

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.40	4.54 ng	324315	Chrysene-d12		13.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

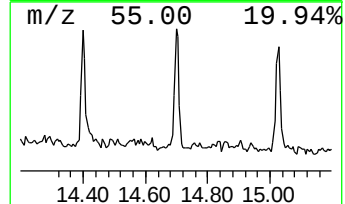
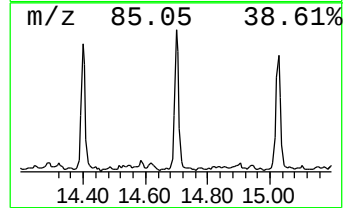
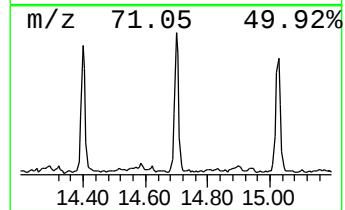
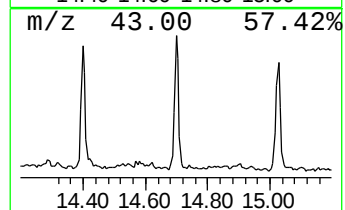
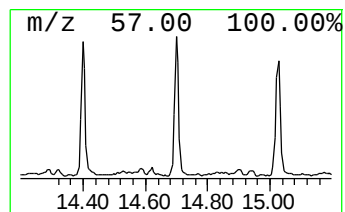
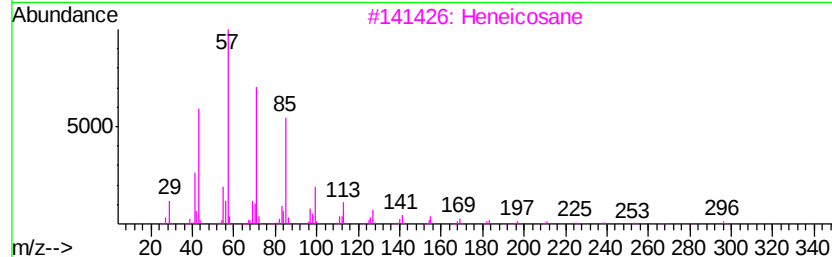
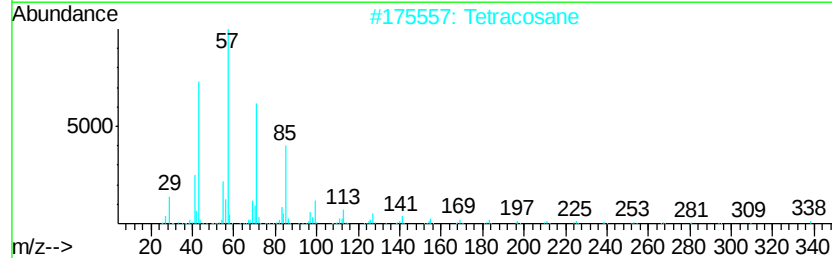
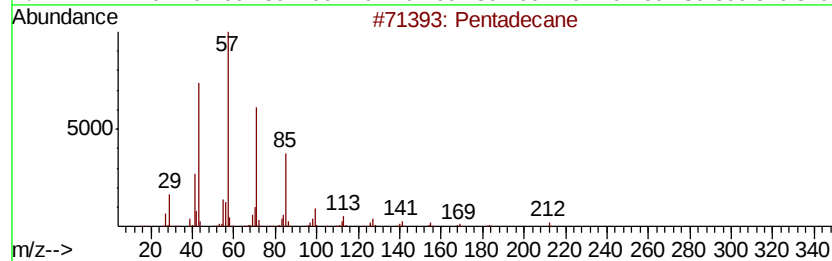
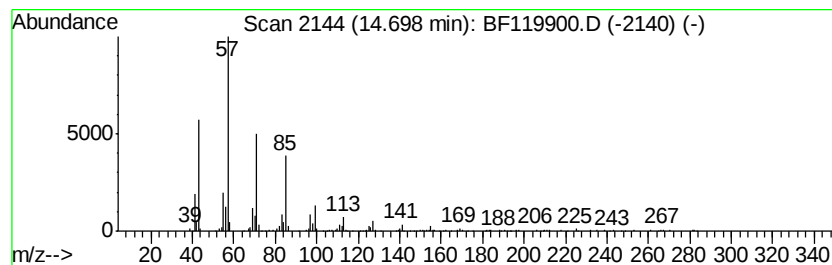
Instrument :
BNA_F
ClientSampleId :
MW-4l

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.70	5.63 ng	323118	Perylene-d12	15.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119900.D
 Acq On : 10 Apr 2020 17:45
 Operator : MA/SJ
 Sample : L2178-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4l

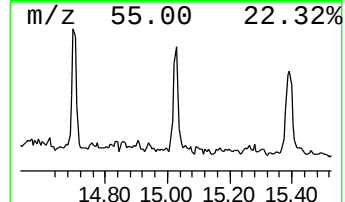
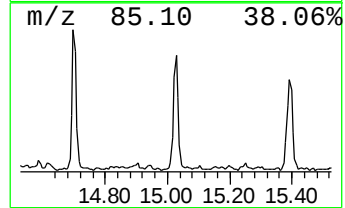
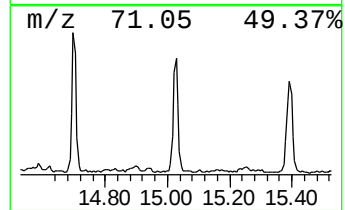
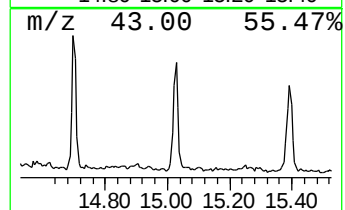
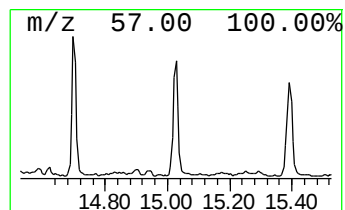
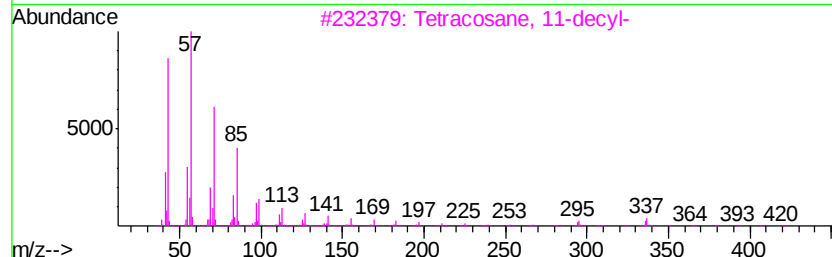
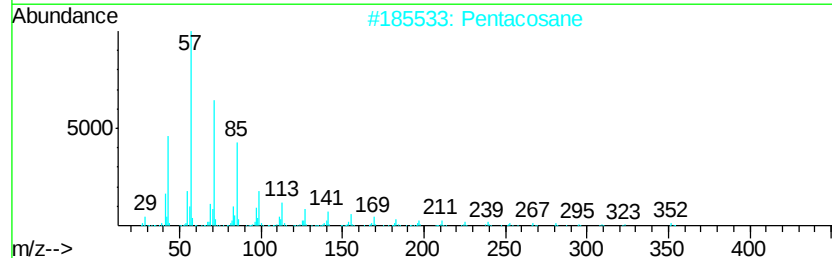
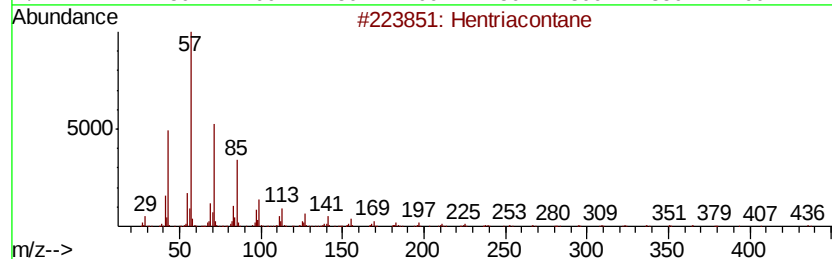
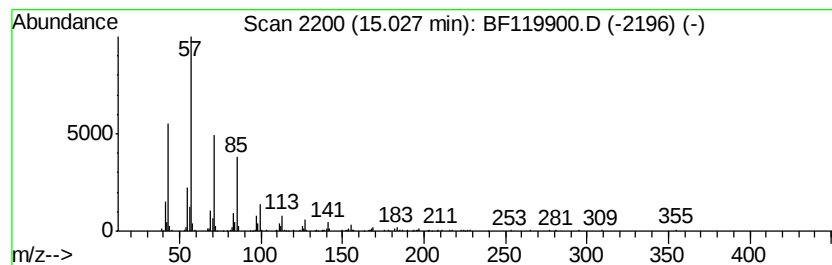
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.28 ng	302900	Perylene-d12	15.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Pentacosane		352	C25H52	000629-99-2	91
3	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4l

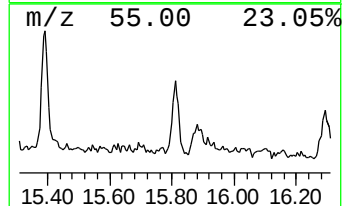
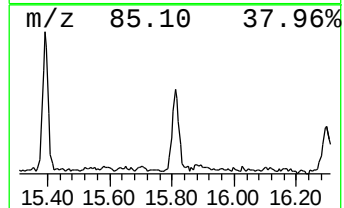
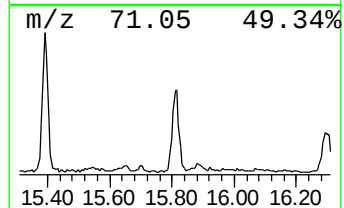
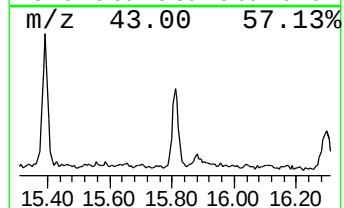
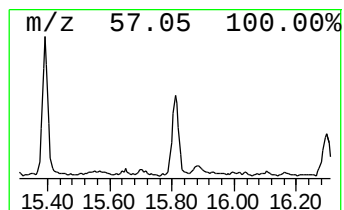
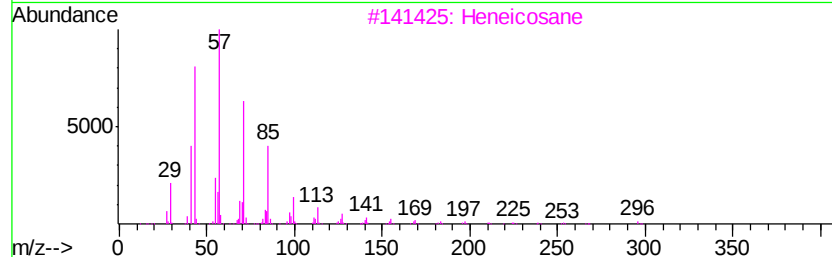
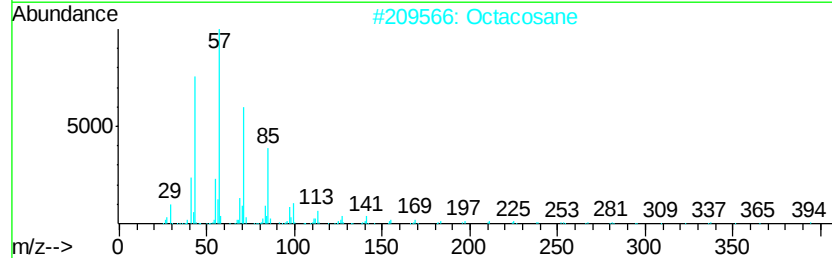
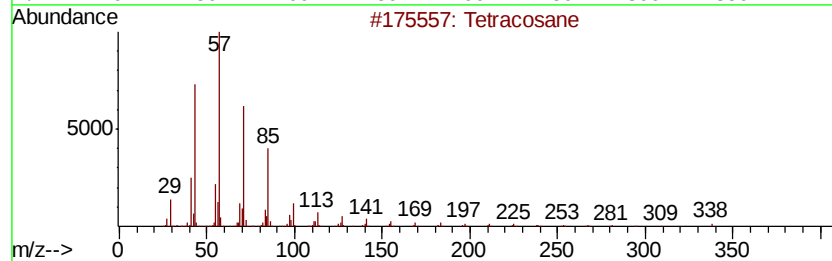
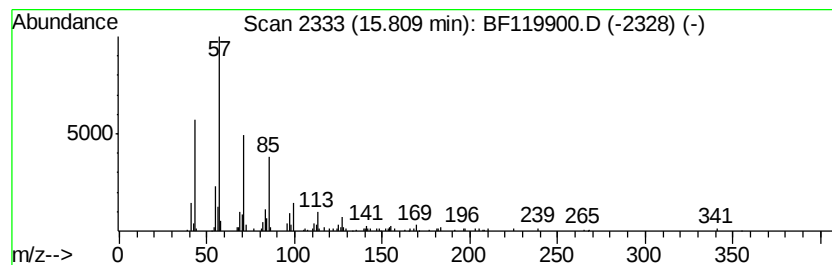
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.64 ng	208712	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Pentacosane	352	C25H52	000629-99-2	87
5			Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4l

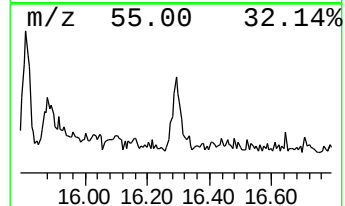
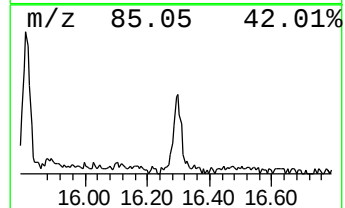
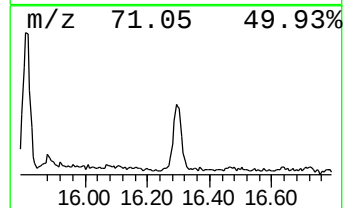
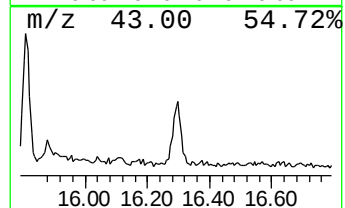
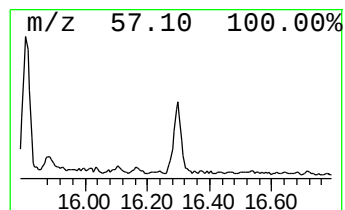
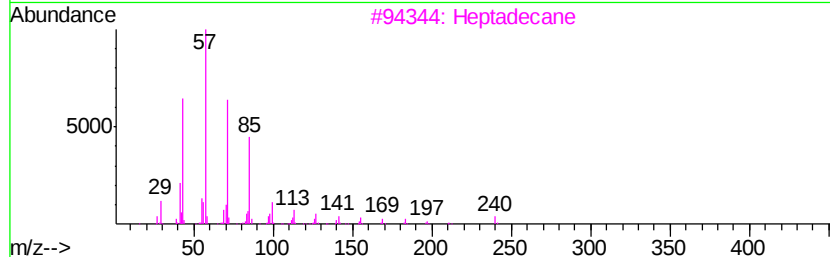
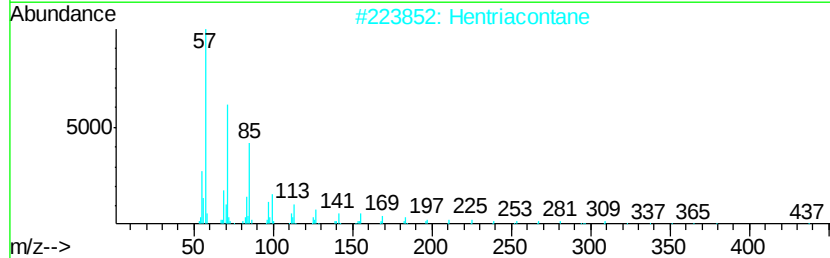
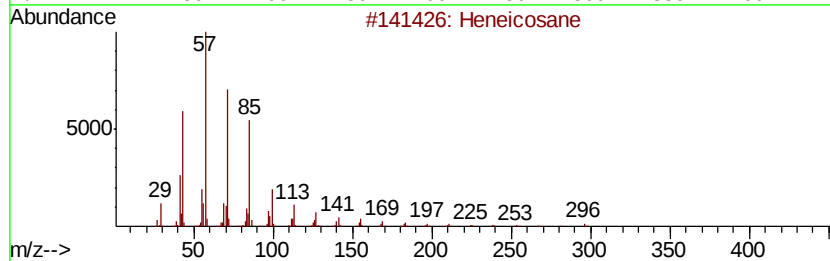
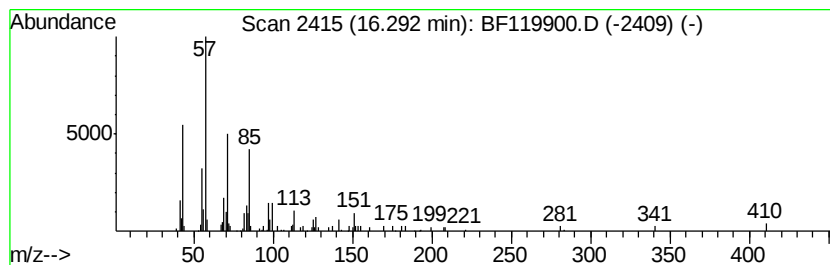
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.64 ng	151800	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Hentriacontane	437	C31H64	000630-04-6	83
3			Heptadecane	240	C17H36	000629-78-7	83
4			Octacosane	394	C28H58	000630-02-4	83
5			Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
Data File : BF119900.D
Acq On : 10 Apr 2020 17:45
Operator : MA/SJ
Sample : L2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-41

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
2-Pentanone, 4-hy...	4.95	3.1 ng		163910	1	6.75	1049940	20.0
n-Hexadecanoic acid	11.82	15.8 ng		1418770	4	11.28	1792550	20.0
Octadecanoic acid	12.60	14.6 ng		1039480	5	13.92	1427410	20.0
Oxalic acid, isob...	13.78	8.0 ng		573396	5	13.92	1427410	20.0
Octacosane	14.10	3.6 ng		260033	5	13.92	1427410	20.0
Heptacosane	14.40	4.5 ng		324315	5	13.92	1427410	20.0
Pentadecane	14.70	5.6 ng		323118	6	15.36	1148050	20.0
Hentriacontane	15.03	5.3 ng		302900	6	15.36	1148050	20.0
Tetracosane	15.81	3.6 ng		208712	6	15.36	1148050	20.0
Heneicosane	16.29	2.6 ng		151800	6	15.36	1148050	20.0