

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030620\
 Data File : BF119261.D
 Acq On : 6 Mar 2020 20:41
 Operator : CG/JU
 Sample : L1818-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

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-BF022020.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	5.351	552	555	576	rBV	948673	1196154	26.55%	5.123%
2	6.381	727	730	749	rBV	531178	751258	16.68%	3.218%
3	6.722	785	788	800	rBV	627649	563662	12.51%	2.414%
4	6.881	811	815	825	rBV	2556522	2312986	51.35%	9.907%
5	7.292	880	885	905	rBV	1703005	1796456	39.88%	7.694%
6	8.004	1003	1006	1019	rBV	835256	726623	16.13%	3.112%
7	9.081	1184	1189	1192	rBV	4118267	3673659	81.55%	15.734%
8	9.475	1253	1256	1261	rBV	87917	82091	1.82%	0.352%
9	9.757	1300	1304	1316	rVB	1058226	923886	20.51%	3.957%
10	10.551	1435	1439	1456	rBV	2558827	2624793	58.27%	11.242%
11	11.239	1553	1556	1565	rBV	1076879	978786	21.73%	4.192%
12	11.774	1643	1647	1650	rBV	138014	154244	3.42%	0.661%
13	12.557	1775	1780	1787	rBV3	41568	69948	1.55%	0.300%
14	12.821	1820	1825	1829	rBV	4524228	4504601	100.00%	19.293%
15	13.392	1915	1922	1924	rBV3	63846	63418	1.41%	0.272%
16	13.721	1974	1978	1992	rBV2	155954	287514	6.38%	1.231%
17	13.880	2001	2005	2011	rBV	1001595	948124	21.05%	4.061%
18	14.033	2027	2031	2038	rBV	124367	111999	2.49%	0.480%
19	14.339	2079	2083	2086	rBV	127069	118173	2.62%	0.506%
20	14.633	2129	2133	2136	rBV	133244	131693	2.92%	0.564%
21	14.704	2141	2145	2150	rVB	62534	67629	1.50%	0.290%
22	14.945	2182	2186	2193	rVB	108936	128796	2.86%	0.552%
23	15.304	2242	2247	2262	rBV	692391	964396	21.41%	4.131%
24	15.698	2310	2314	2320	rBV2	61276	89902	2.00%	0.385%
25	16.168	2389	2394	2405	rVB2	40698	77083	1.71%	0.330%

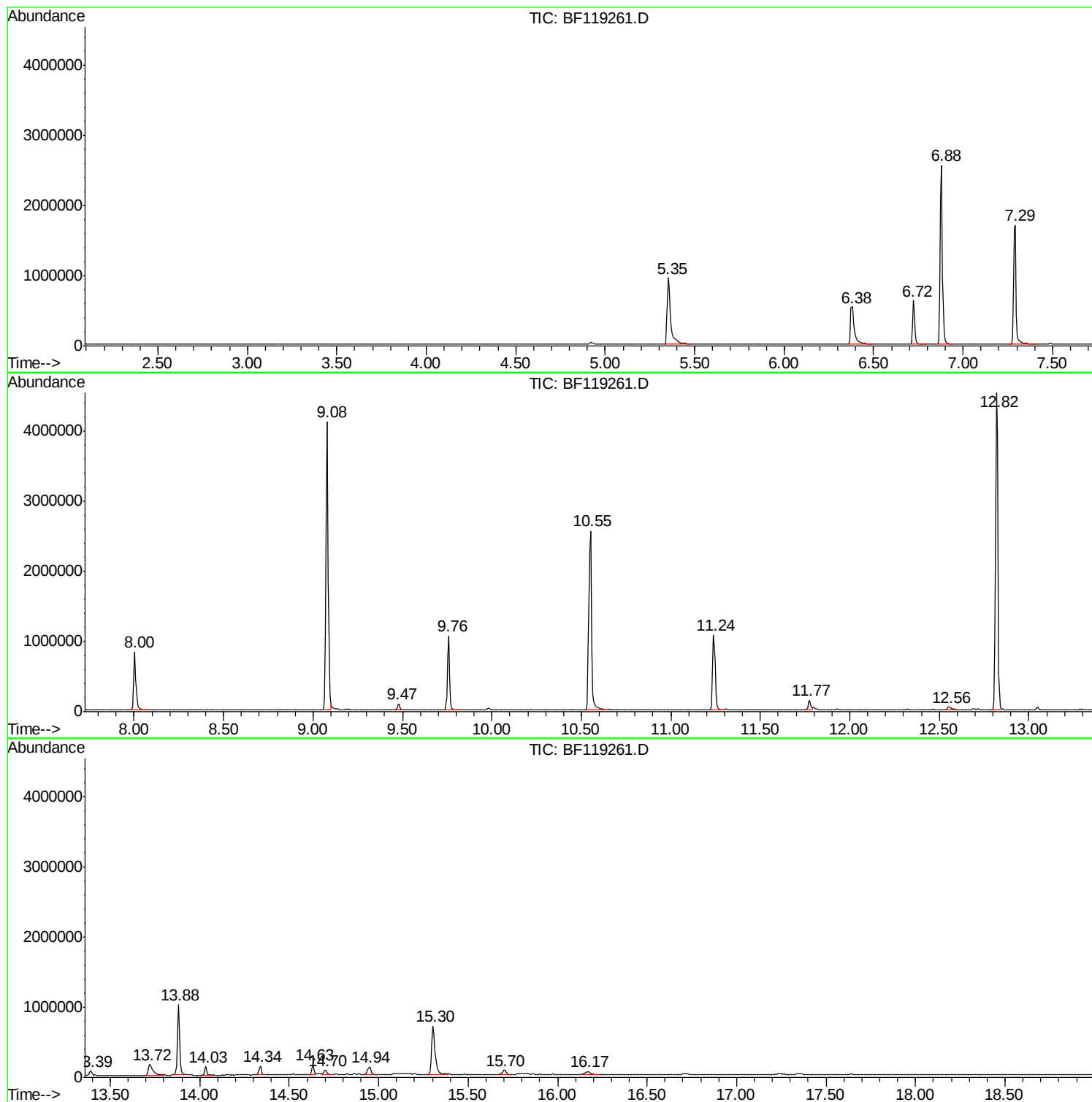
Sum of corrected areas: 23347874

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119261.D
Acq On : 6 Mar 2020 20:41
Operator : CG/JU
Sample : L1818-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.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\BF030620\
Data File : BF119261.D
Acq On : 6 Mar 2020 20:41
Operator : CG/JU
Sample : L1818-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

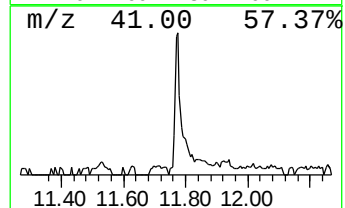
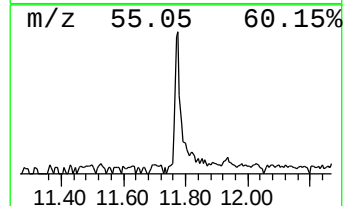
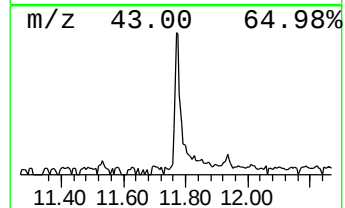
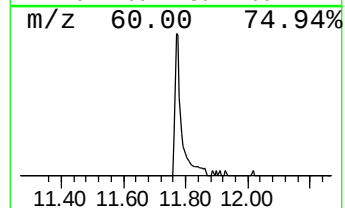
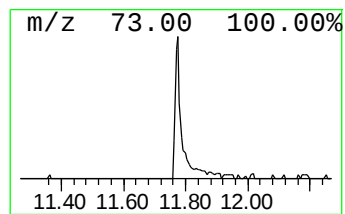
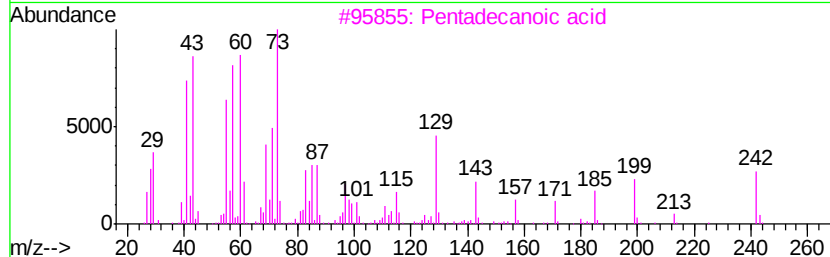
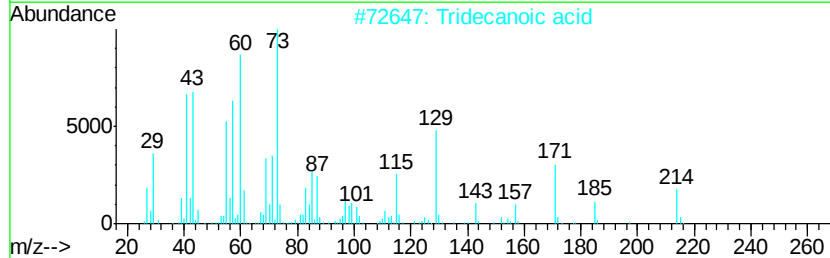
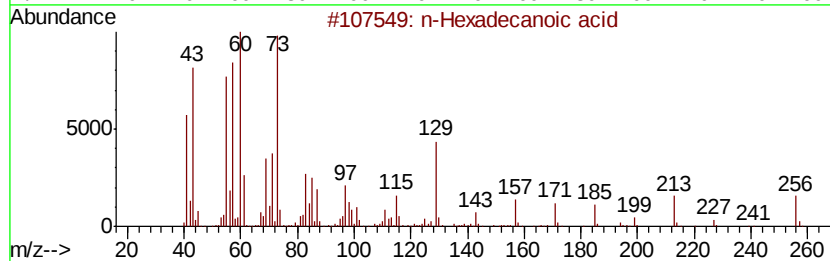
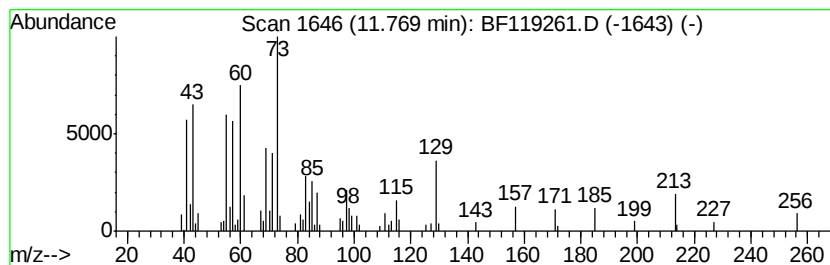
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.15 ng	154244	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119261.D
Acq On : 6 Mar 2020 20:41
Operator : CG/JU
Sample : L1818-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

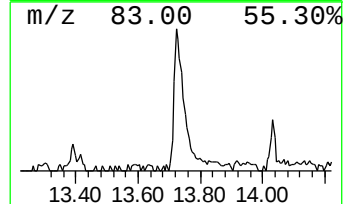
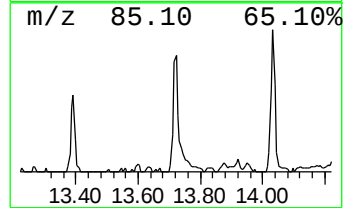
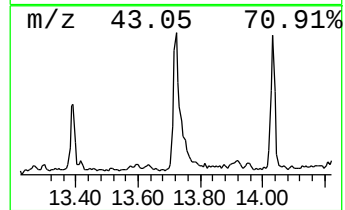
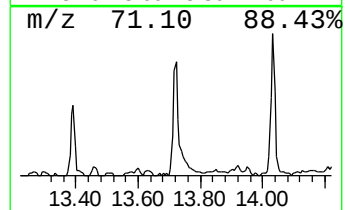
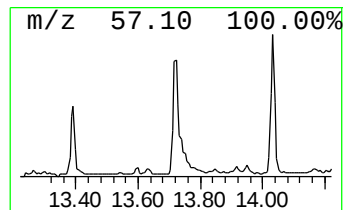
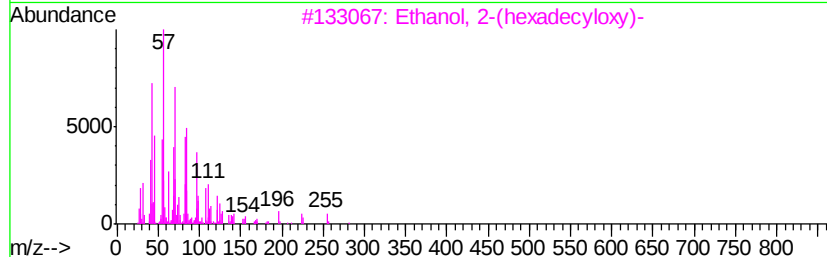
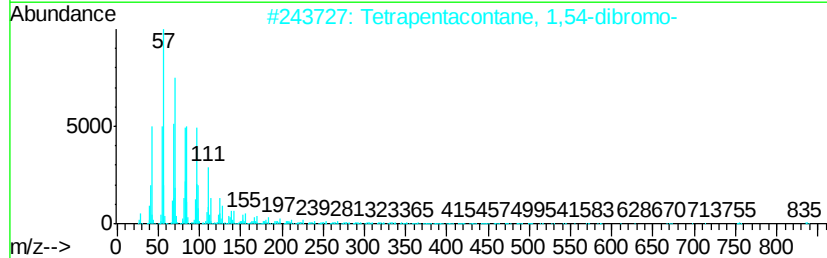
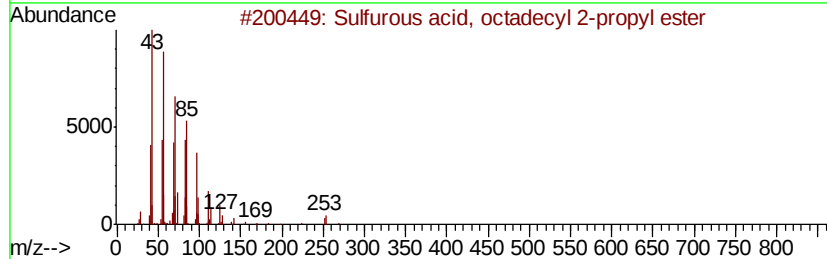
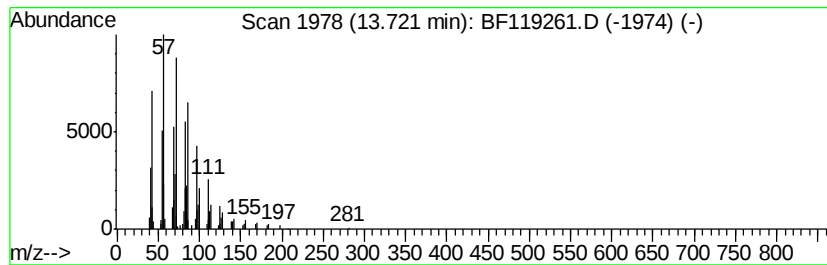
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Sulfurous acid, octadecyl 2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.06 ng	287514	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
3		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119261.D
Acq On : 6 Mar 2020 20:41
Operator : CG/JU
Sample : L1818-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

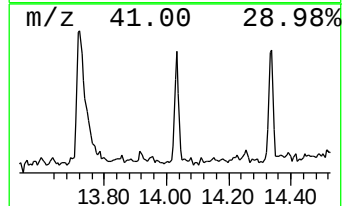
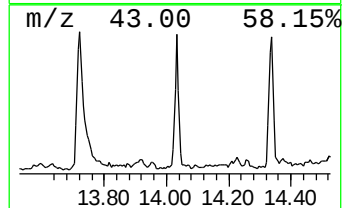
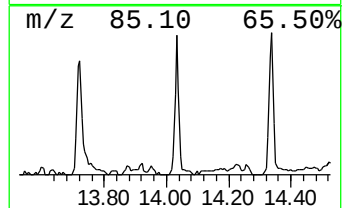
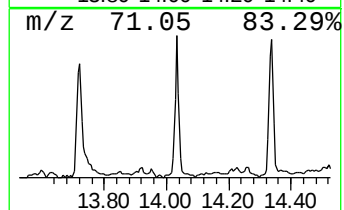
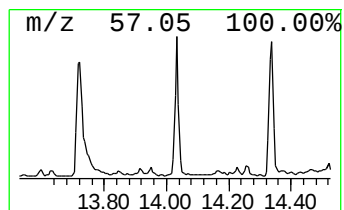
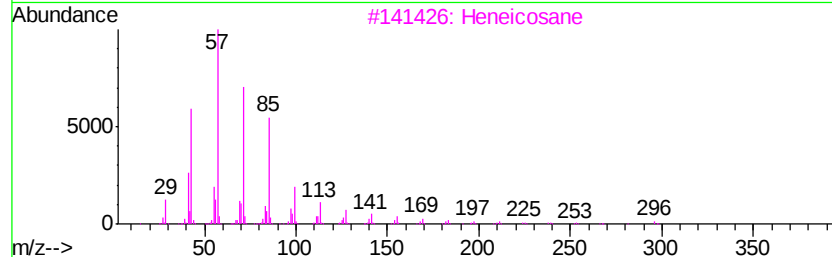
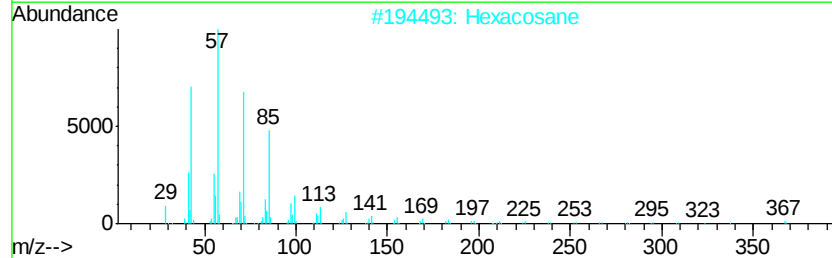
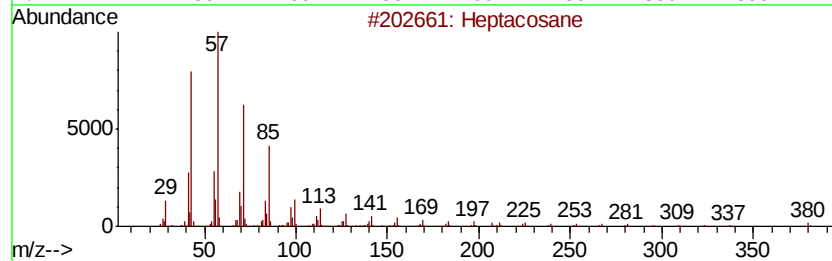
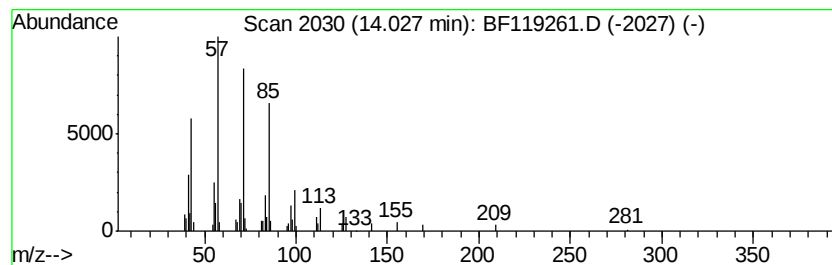
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.36 ng	111999	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119261.D
 Acq On : 6 Mar 2020 20:41
 Operator : CG/JU
 Sample : L1818-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

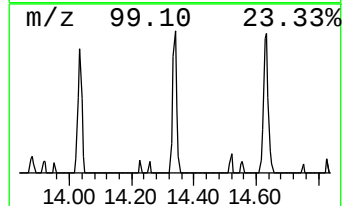
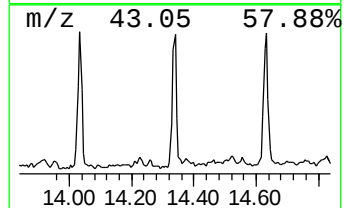
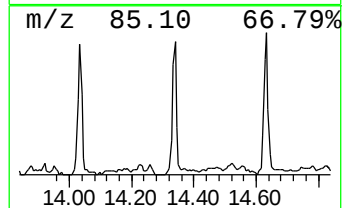
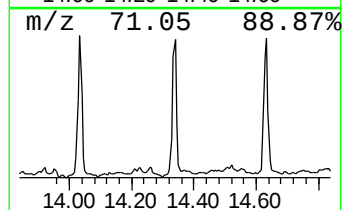
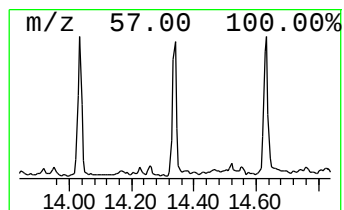
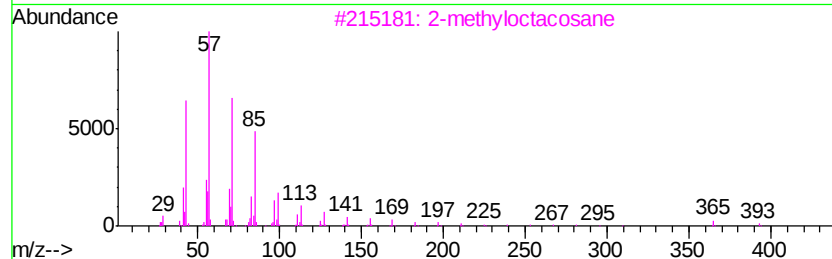
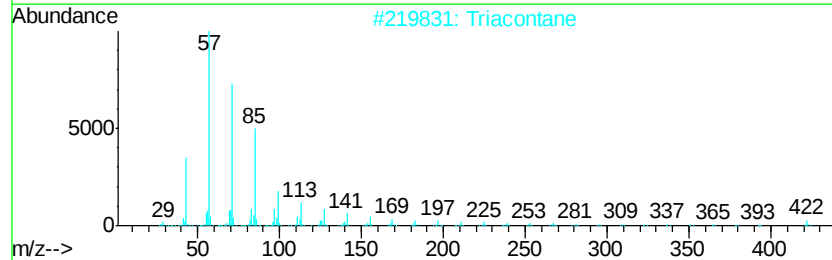
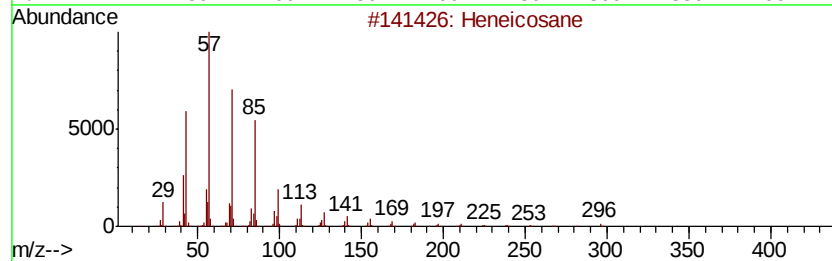
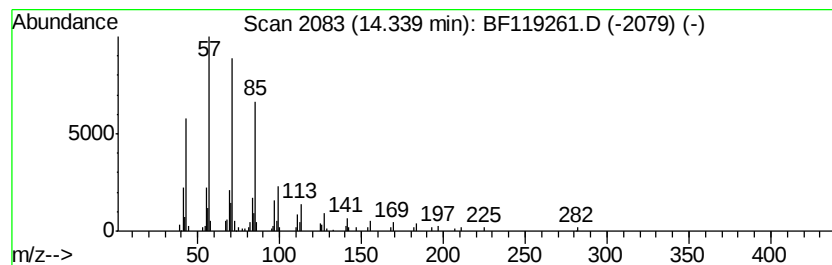
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.49 ng	118173	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Triacotane		422	C30H62	000638-68-6	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119261.D
Acq On : 6 Mar 2020 20:41
Operator : CG/JU
Sample : L1818-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

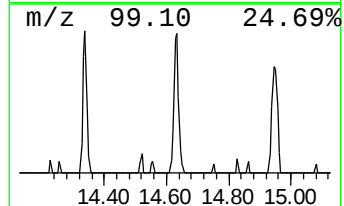
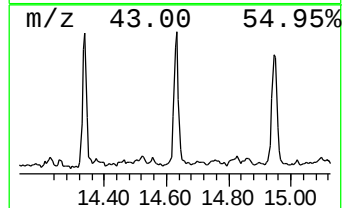
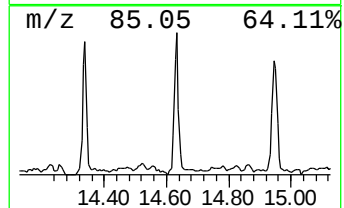
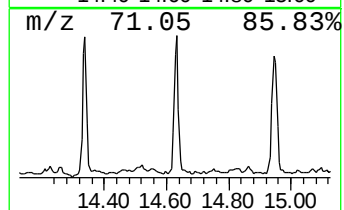
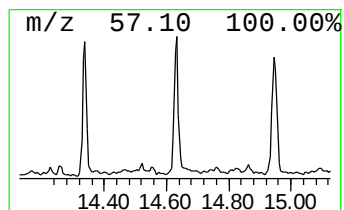
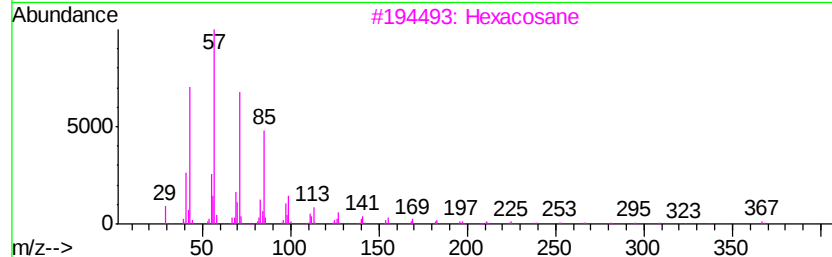
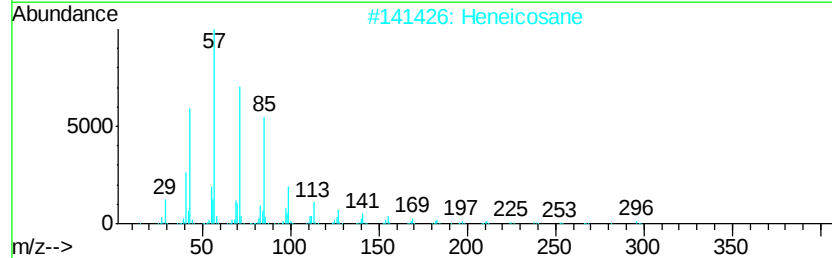
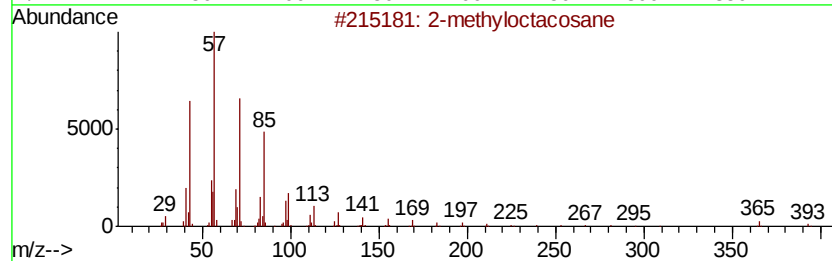
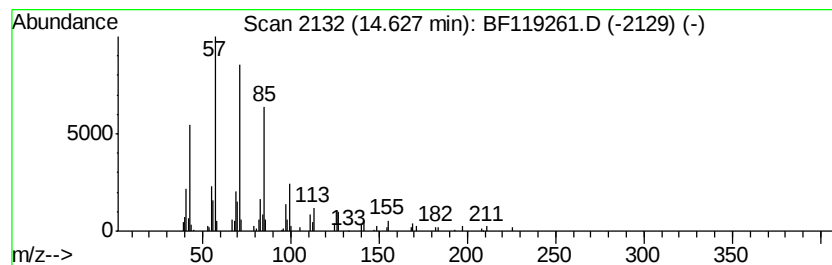
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.73 ng	131693	Perylene-d12	15.30

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		Hexacosane	366	C26H54	000630-01-3	91
4		Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119261.D
Acq On : 6 Mar 2020 20:41
Operator : CG/JU
Sample : L1818-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

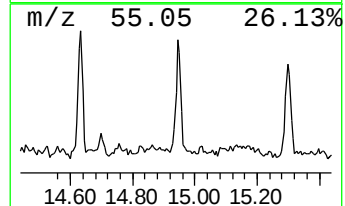
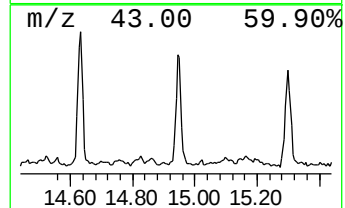
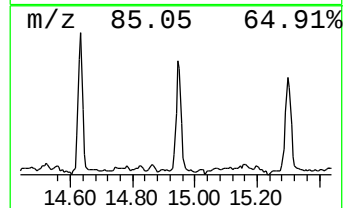
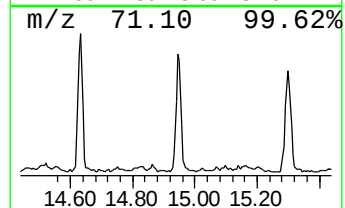
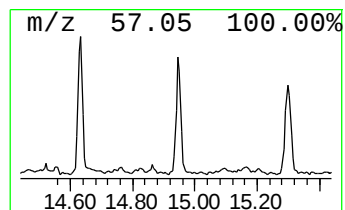
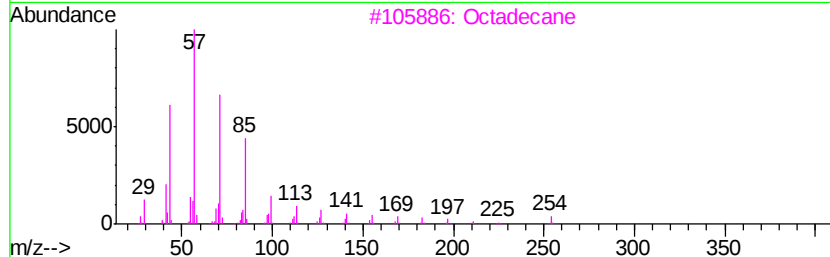
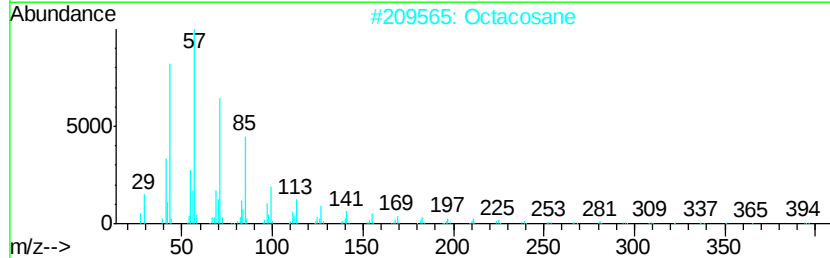
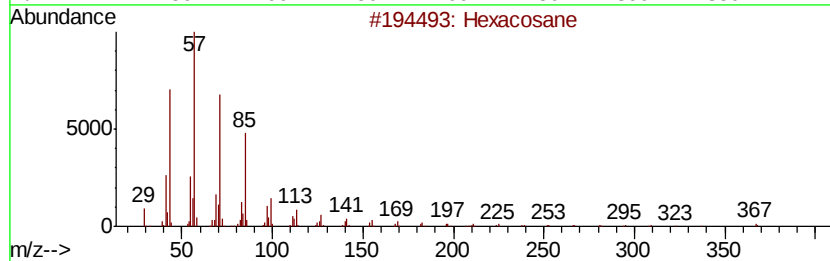
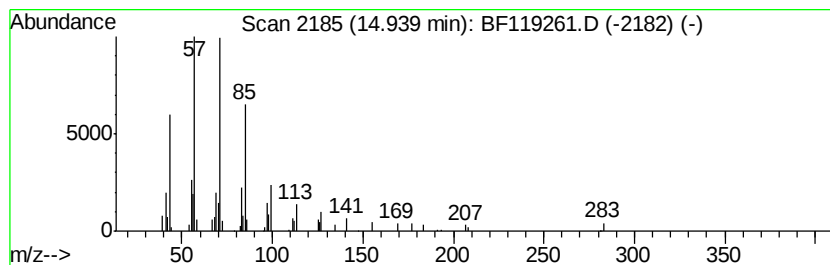
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.67 ng	128796	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030620\
Data File : BF119261.D
Acq On : 6 Mar 2020 20:41
Operator : CG/JU
Sample : L1818-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
n-Hexadecanoic acid	11.77	3.1 ng		154244	4	11.24	978786	20.0
Sulfurous acid, o...	13.72	6.1 ng		287514	5	13.88	948124	20.0
Heptacosane	14.03	2.4 ng		111999	5	13.88	948124	20.0
Heneicosane	14.34	2.5 ng		118173	5	13.88	948124	20.0
2-methyloctacosane	14.63	2.7 ng		131693	6	15.30	964396	20.0
Hexacosane	14.94	2.7 ng		128796	6	15.30	964396	20.0