

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113385.D
 Acq On : 28 Mar 2019 20:32
 Operator : JU/SJ
 Sample : K2111-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

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-BF032519.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	5.316	545	549	568	rBV	2827578	3131279	68.61%	8.231%
2	6.351	720	725	742	rBV	2907598	3311316	72.55%	8.705%
3	6.475	742	746	749	rBV	3672673	3229898	70.77%	8.491%
4	6.698	781	784	795	rBV	1061992	963663	21.11%	2.533%
5	6.857	807	811	829	rVB	2973124	2603688	57.05%	6.845%
6	7.263	876	880	906	rBV	2105940	2145488	47.01%	5.640%
7	7.981	998	1002	1026	rBV	1235035	1272717	27.88%	3.346%
8	9.057	1181	1185	1199	rBV	4123287	4018751	88.05%	10.564%
9	9.451	1249	1252	1262	rBV	184028	214144	4.69%	0.563%
10	9.733	1296	1300	1316	rVB	1456789	1464969	32.10%	3.851%
11	10.516	1429	1433	1449	rBV	2429388	2655640	58.18%	6.981%
12	11.210	1547	1551	1561	rBV	1705268	1658448	36.34%	4.360%
13	11.745	1639	1642	1653	rBV2	166909	239891	5.26%	0.631%
14	12.421	1753	1757	1760	rBV	53462	54511	1.19%	0.143%
15	12.527	1772	1775	1785	rBV	145343	223625	4.90%	0.588%
16	12.610	1785	1789	1792	rVV	114178	121569	2.66%	0.320%
17	12.645	1792	1795	1798	rVB	63700	58569	1.28%	0.154%
18	12.792	1815	1820	1823	rBV	4565993	4564184	100.00%	11.998%
19	12.816	1823	1824	1830	rVB	128544	98809	2.16%	0.260%
20	13.692	1970	1973	1976	rBV	55485	51640	1.13%	0.136%
21	13.768	1976	1986	1993	rVV6	141020	574469	12.59%	1.510%
22	13.839	1993	1998	2010	rVB	1682077	2076828	45.50%	5.460%
23	14.010	2023	2027	2032	rBV	112696	105802	2.32%	0.278%
24	14.310	2075	2078	2082	rVB	205546	175664	3.85%	0.462%
25	14.604	2124	2128	2132	rBV	291437	261604	5.73%	0.688%
26	14.845	2166	2169	2177	rVB	45084	80147	1.76%	0.211%
27	14.915	2177	2181	2185	rBV	322534	338537	7.42%	0.890%
28	15.121	2213	2216	2223	rBV2	31940	49033	1.07%	0.129%
29	15.239	2231	2236	2239	rBV	1093793	1461538	32.02%	3.842%
30	15.656	2302	2307	2314	rBV	269233	405000	8.87%	1.065%
31	16.115	2380	2385	2395	rVB2	159955	293214	6.42%	0.771%
32	16.651	2472	2476	2485	rVB2	67471	135945	2.98%	0.357%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

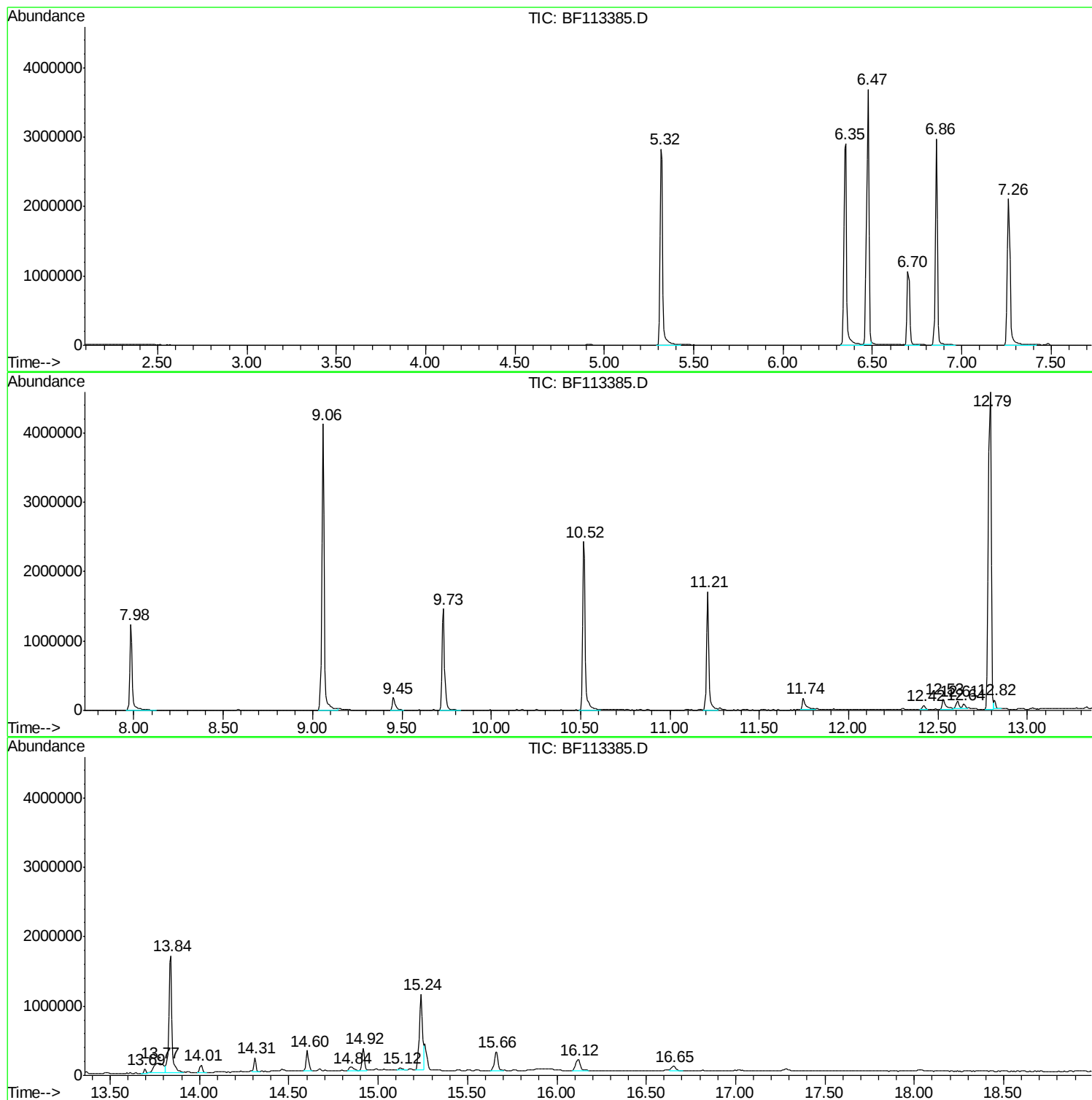
Sum of corrected areas: 38040580

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.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\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

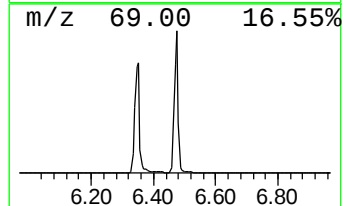
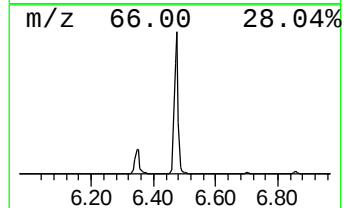
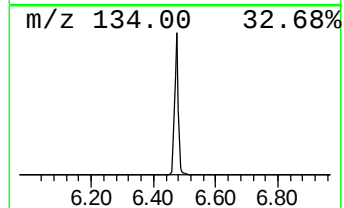
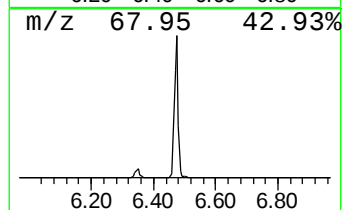
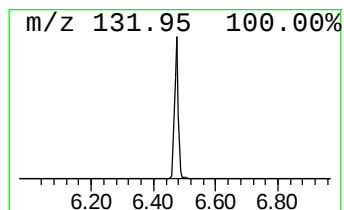
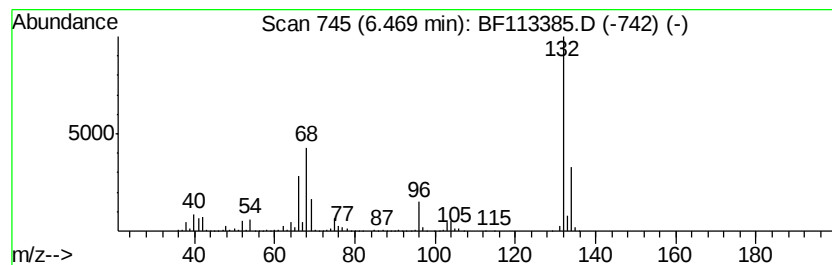
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	67.03 ng	3229900	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

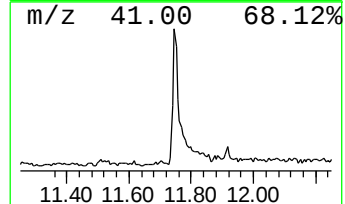
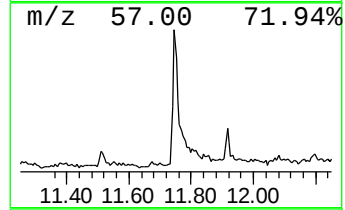
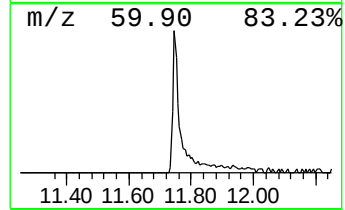
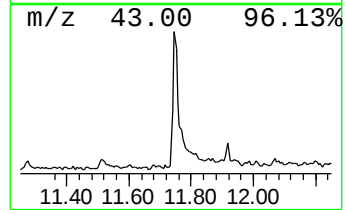
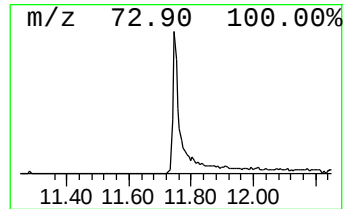
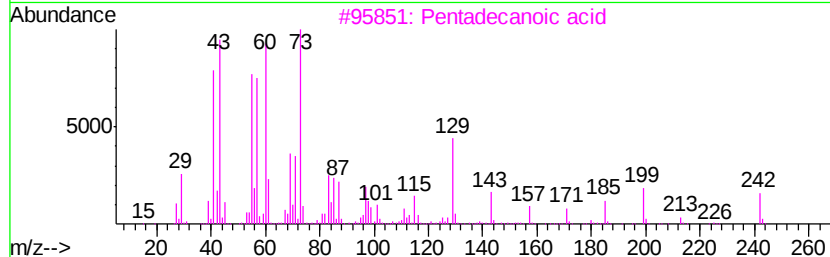
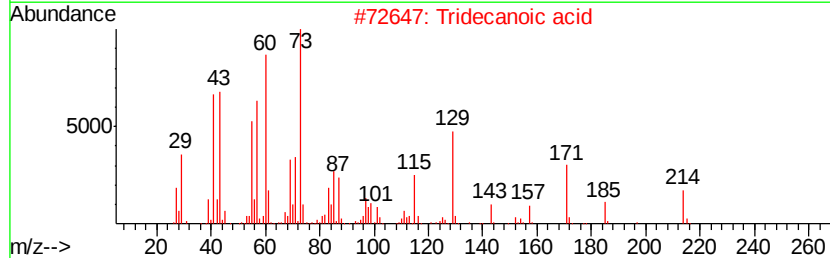
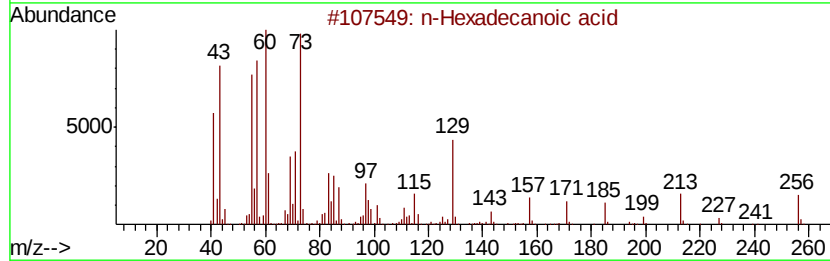
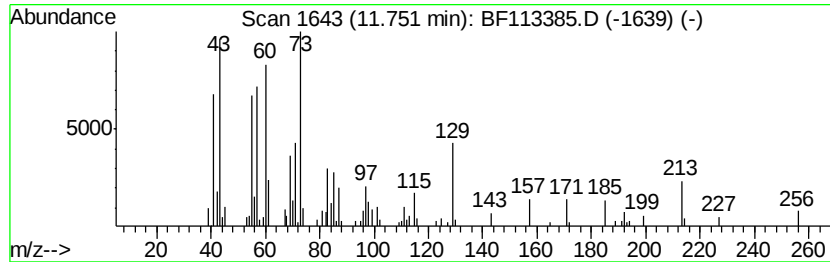
Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.75	2.89 ng	239891	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

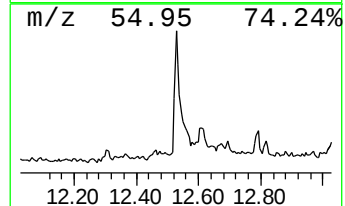
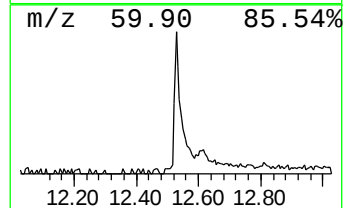
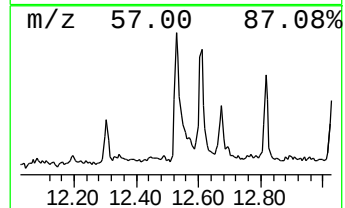
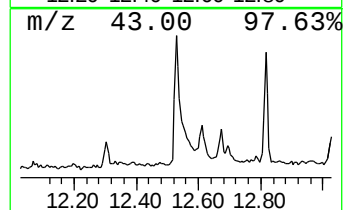
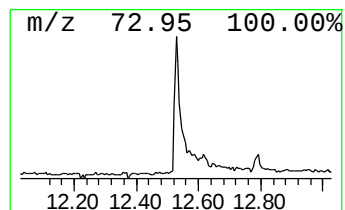
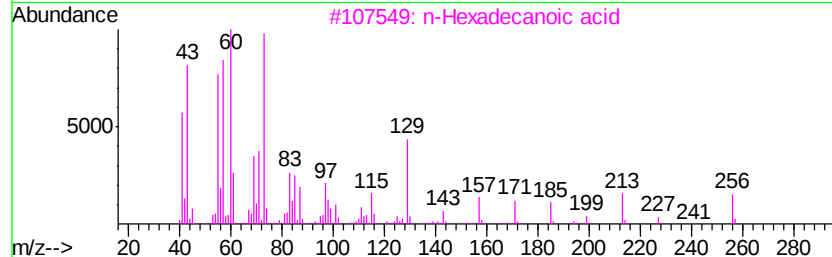
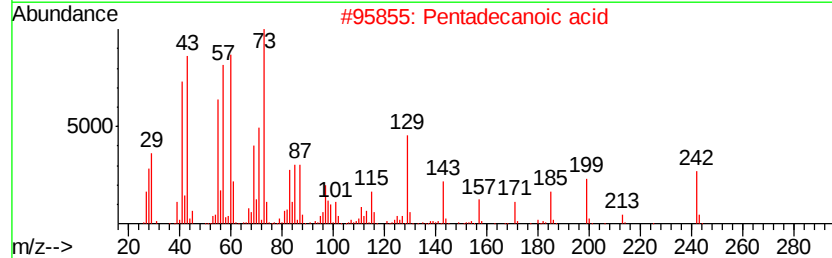
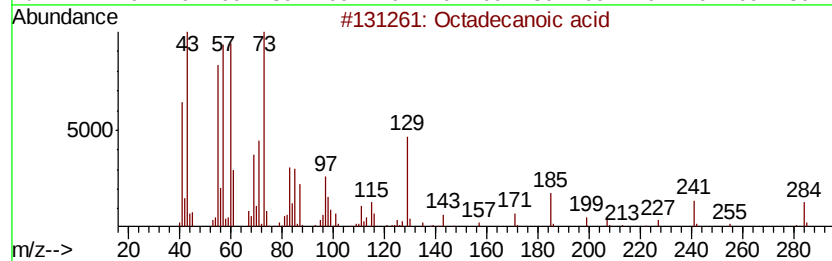
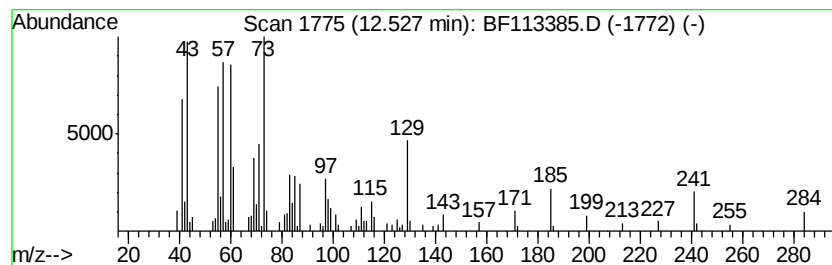
Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.53	2.15 ng	223625	Chrysene-d12		13.84
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	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

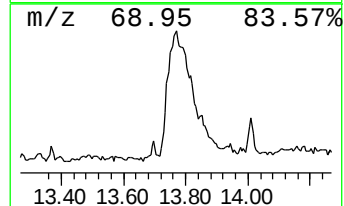
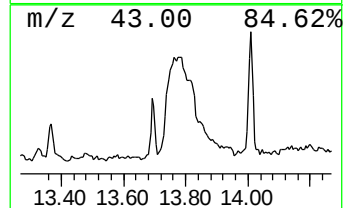
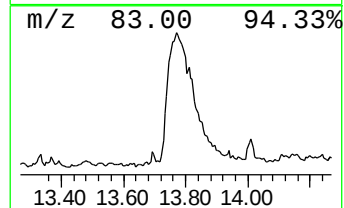
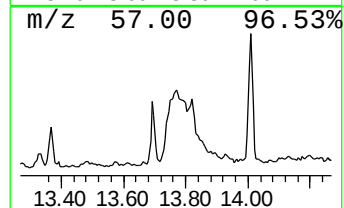
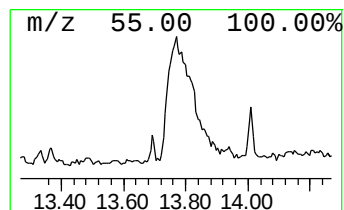
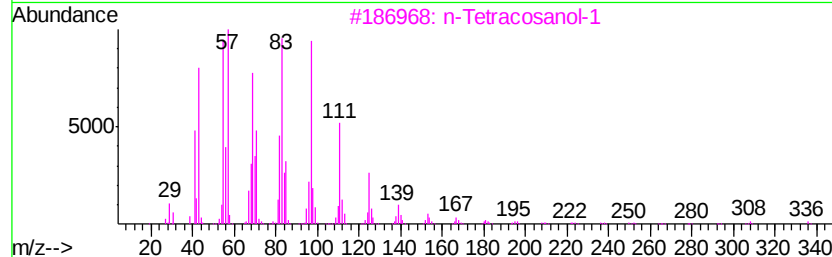
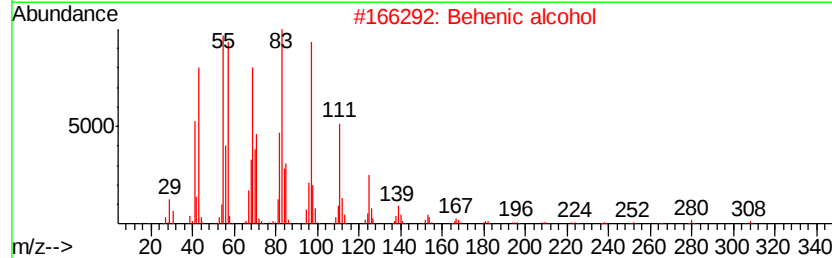
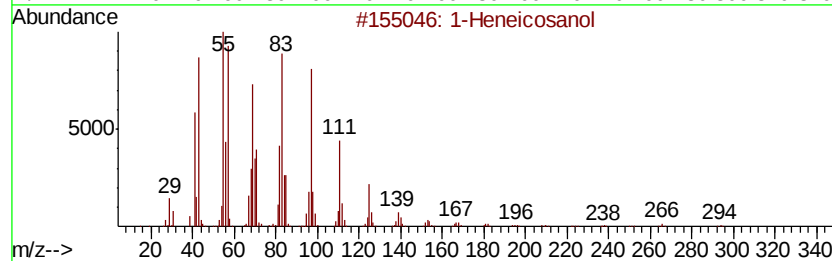
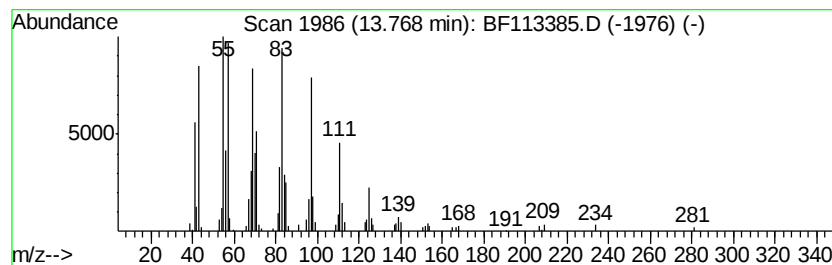
Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.77	5.53 ng	574469	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

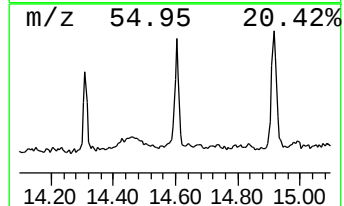
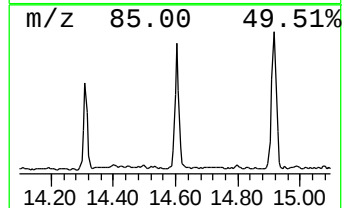
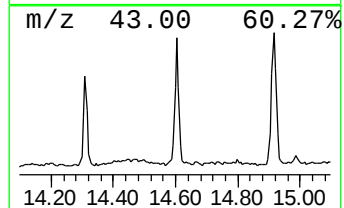
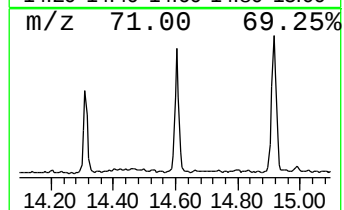
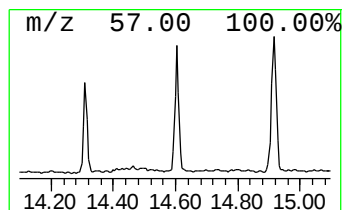
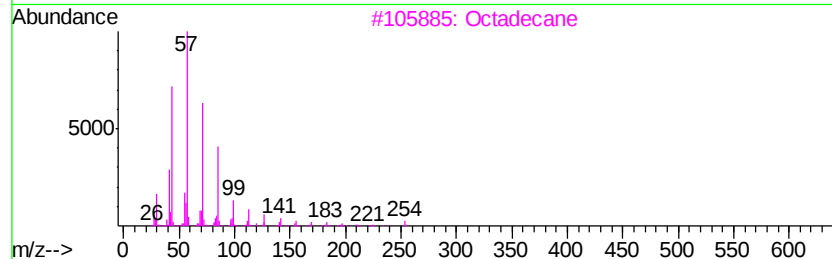
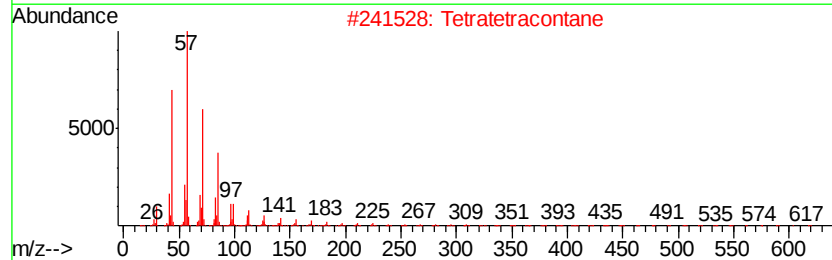
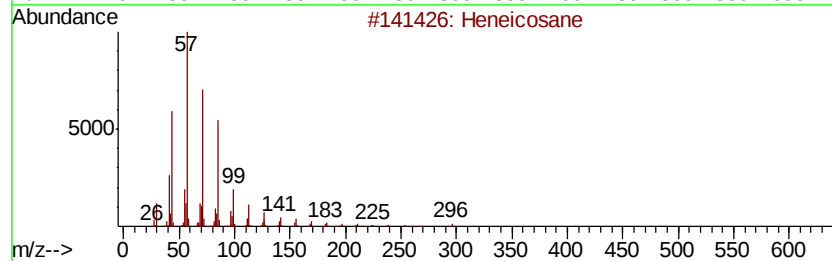
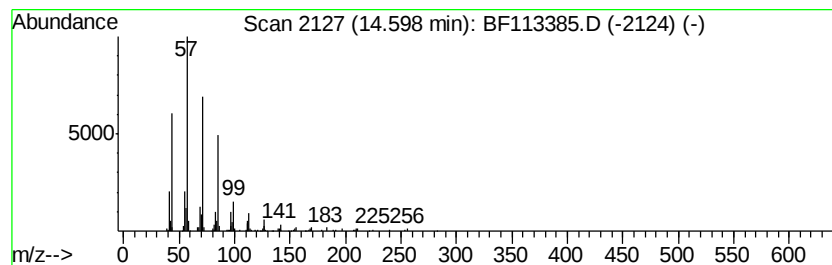
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.58 ng	261604	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Octadecane	254	C18H38	000593-45-3	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

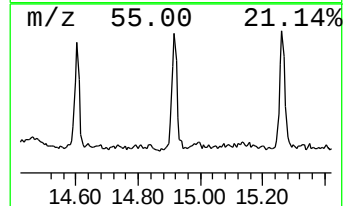
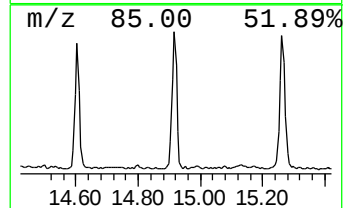
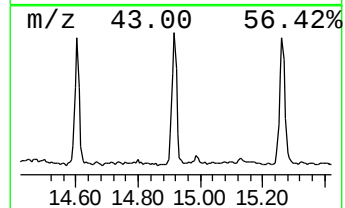
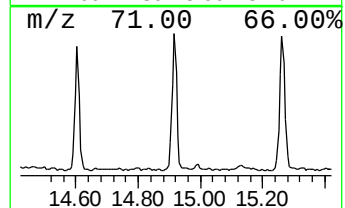
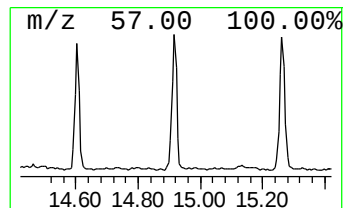
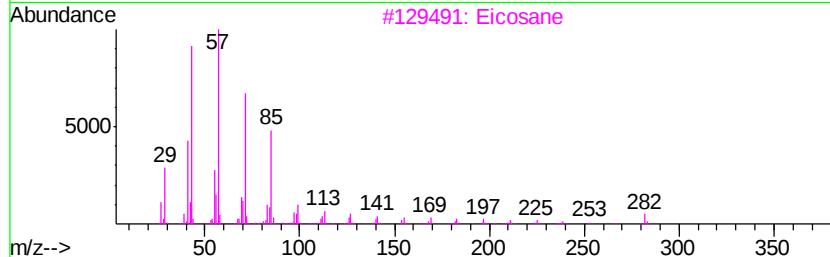
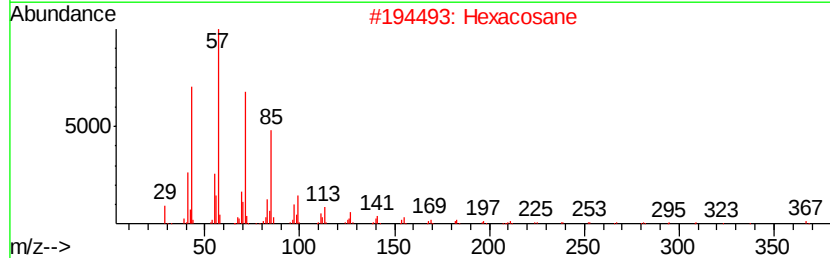
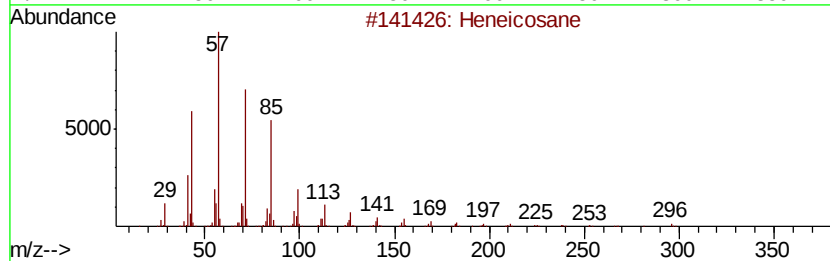
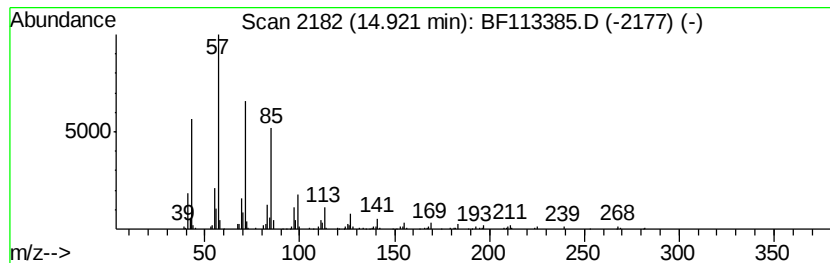
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.63 ng	338537	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
5	triacontane		422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

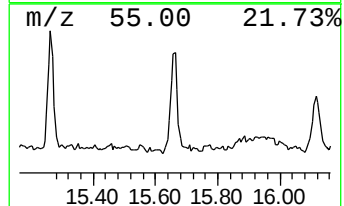
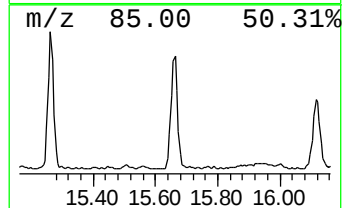
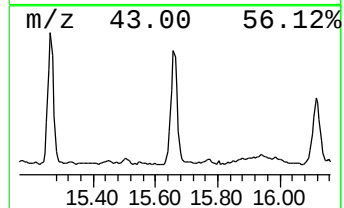
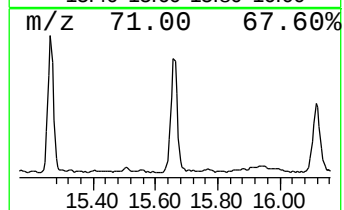
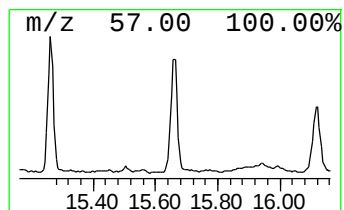
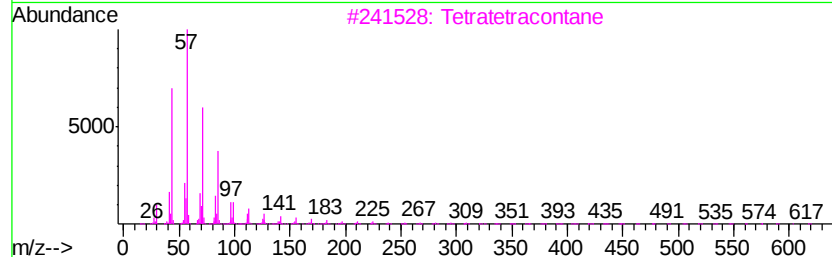
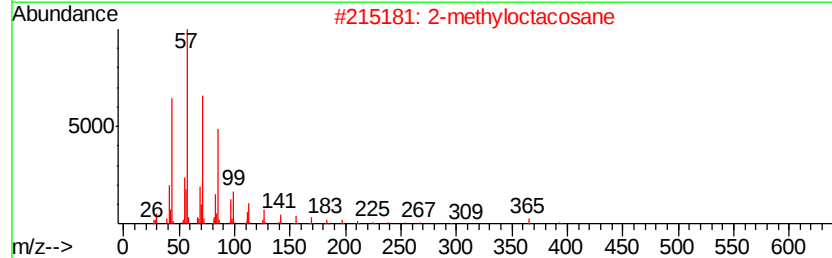
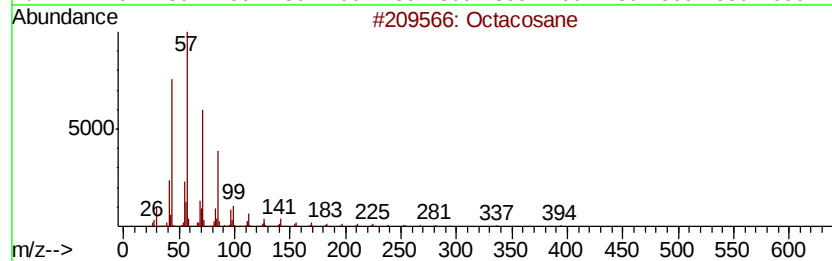
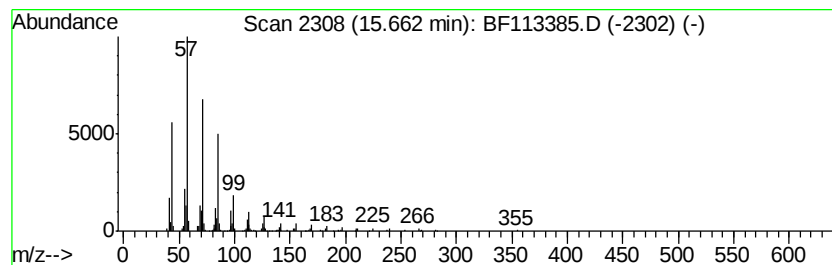
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.54 ng	405000	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

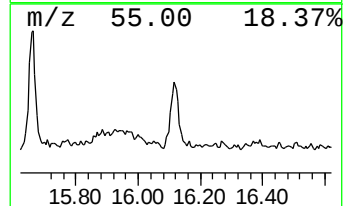
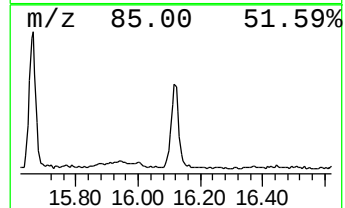
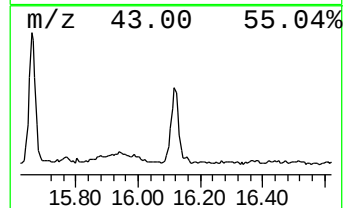
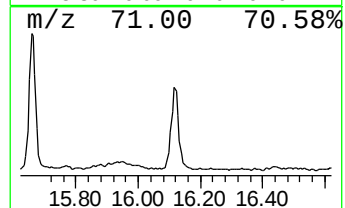
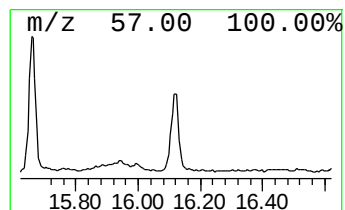
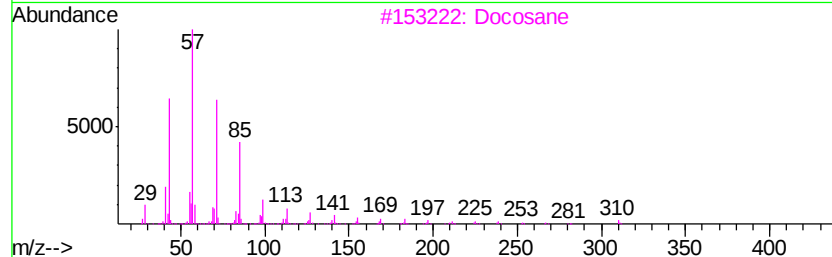
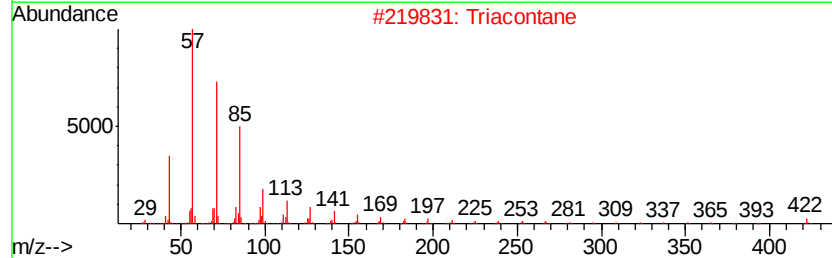
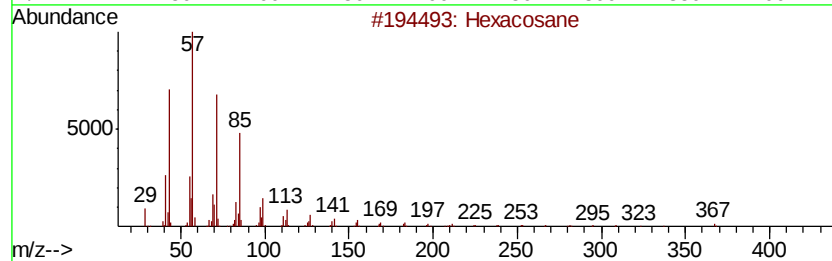
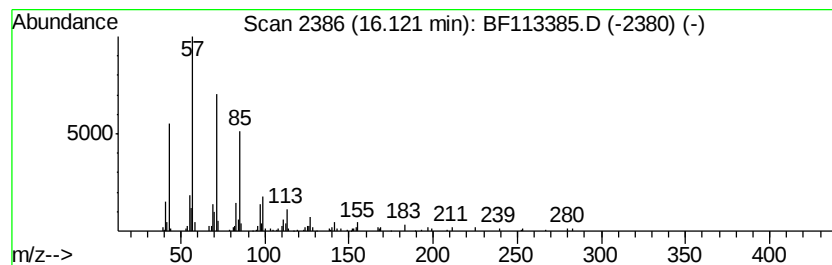
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	4.01 ng	293214	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	triacontane		422	C30H62	000638-68-6	91
3	Docosane		310	C22H46	000629-97-0	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113385.D
Acq On : 28 Mar 2019 20:32
Operator : JU/SJ
Sample : K2111-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.47	6.47	67.0	ng	3229900	1	6.70	963663	20.0
n-Hexadecanoic acid	11.75	2.9	ng	239891	4	11.21	1658450	20.0
Octadecanoic acid	12.53	2.1	ng	223625	5	13.84	2076830	20.0
1-Heneicosanol	13.77	5.5	ng	574469	5	13.84	2076830	20.0
Tetratetracontane	14.60	3.6	ng	261604	6	15.24	1461540	20.0
Heneicosane	14.92	4.6	ng	338537	6	15.24	1461540	20.0
Octacosane	15.66	5.5	ng	405000	6	15.24	1461540	20.0
Hexacosane	16.12	4.0	ng	293214	6	15.24	1461540	20.0