

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112943.D
 Acq On : 8 Mar 2019 14:44
 Operator : JU/SJ
 Sample : K1783-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-4

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-BF022719.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	5.340	548	553	568	rBV	1882314	1930451	34.79%	4.779%
2	6.357	723	726	738	rBV	1443297	1243309	22.40%	3.078%
3	6.498	745	750	753	rBV	4098633	3799250	68.46%	9.405%
4	6.563	758	761	774	rVB	72684	94936	1.71%	0.235%
5	6.728	785	789	793	rBV	1352512	1120953	20.20%	2.775%
6	6.887	812	816	819	rBV	4171084	3637550	65.55%	9.005%
7	7.292	879	885	888	rBV	3025490	3112665	56.09%	7.705%
8	8.010	1003	1007	1013	rBV	1495496	1369721	24.68%	3.391%
9	9.086	1185	1190	1205	rBV	5287987	5497447	99.06%	13.609%
10	9.763	1300	1305	1322	rBV	1484188	1603837	28.90%	3.970%
11	10.545	1433	1438	1453	rBV	3455176	3570507	64.34%	8.839%
12	11.233	1552	1555	1563	rBV	1517982	1703214	30.69%	4.216%
13	11.774	1643	1647	1661	rBV2	192856	276426	4.98%	0.684%
14	12.557	1777	1780	1789	rBV	165855	262540	4.73%	0.650%
15	12.821	1820	1825	1828	rBV	5205498	5549618	100.00%	13.738%
16	13.727	1975	1979	1994	rBV3	181343	281064	5.06%	0.696%
17	13.863	1997	2002	2017	rVB	1308730	1501367	27.05%	3.717%
18	14.045	2029	2033	2040	rBV	183140	174352	3.14%	0.432%
19	14.345	2081	2084	2088	rBV	313437	279182	5.03%	0.691%
20	14.639	2130	2134	2141	rBV	436073	402742	7.26%	0.997%
21	14.710	2142	2146	2152	rVB	133227	131595	2.37%	0.326%
22	14.957	2183	2188	2193	rBV	408734	444141	8.00%	1.099%
23	15.262	2235	2240	2245	rBV	768141	1101235	19.84%	2.726%
24	15.310	2245	2248	2262	rVB	388315	511001	9.21%	1.265%
25	15.715	2311	2317	2322	rBV	274588	400466	7.22%	0.991%
26	16.180	2390	2396	2410	rVB	157236	296884	5.35%	0.735%
27	16.727	2483	2489	2498	rVB	52323	99687	1.80%	0.247%

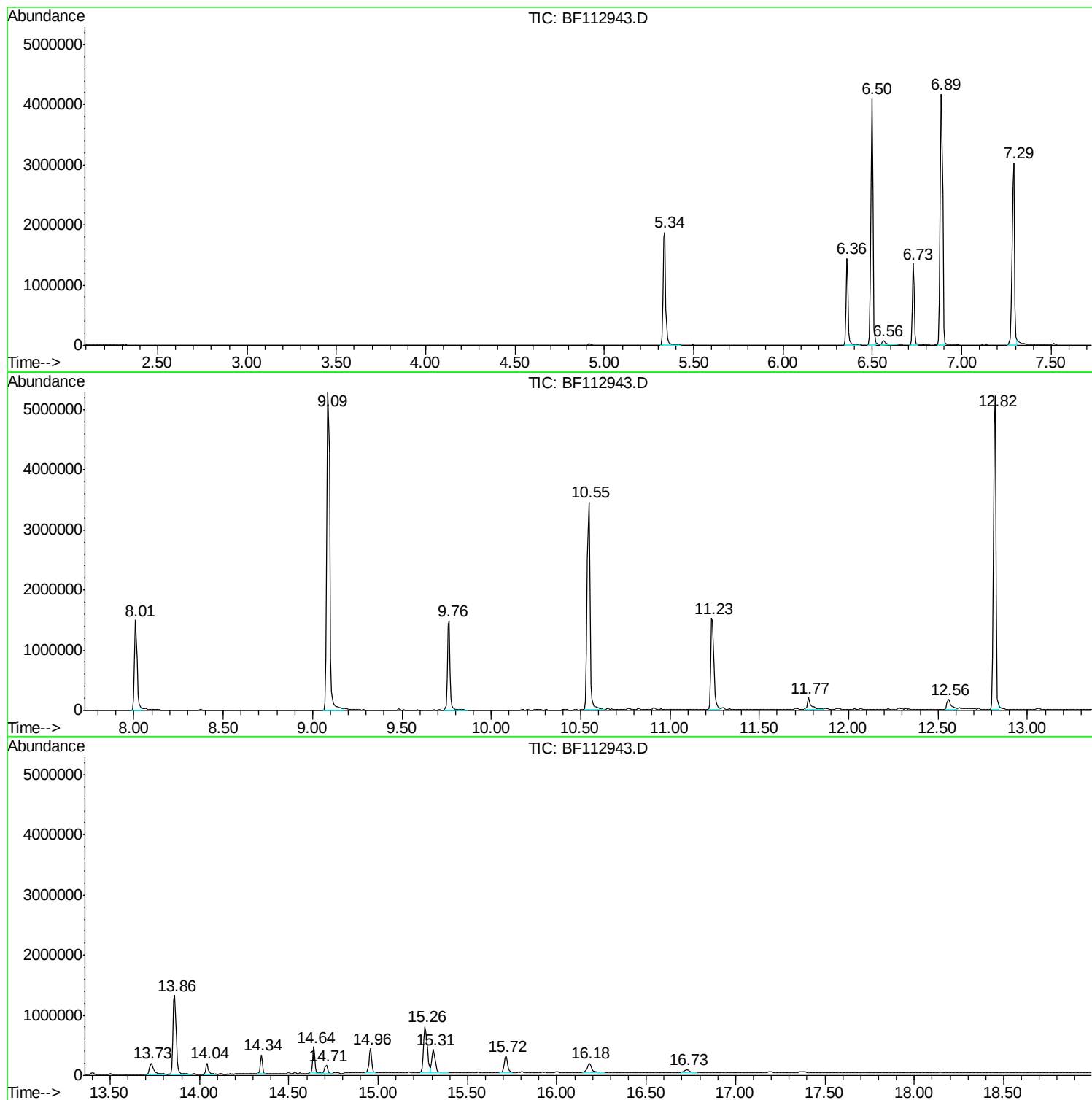
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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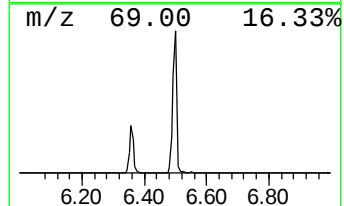
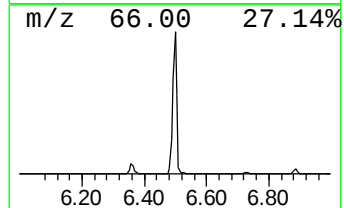
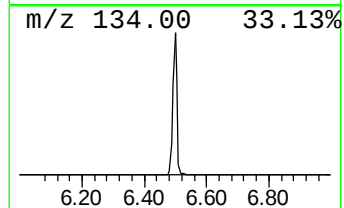
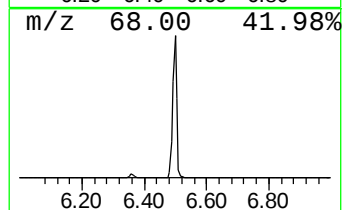
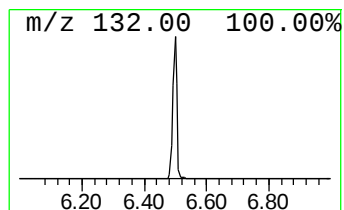
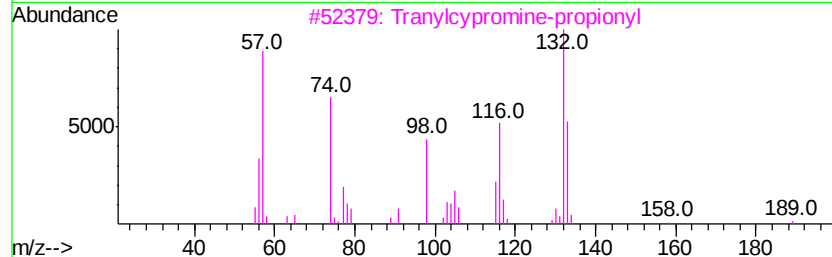
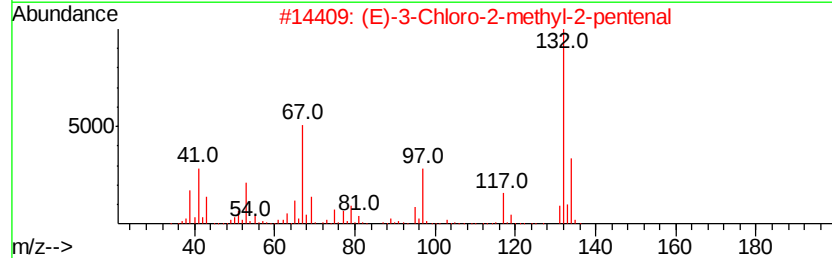
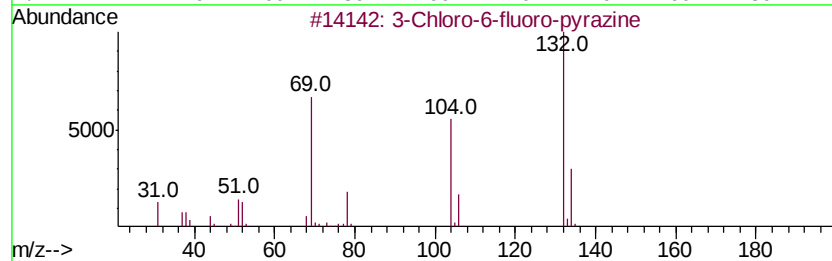
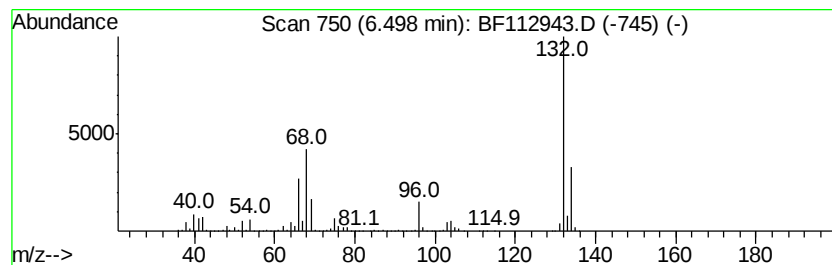
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	67.79 ng	3799250	1,4-Dichlorobenzene-d4	6.73

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		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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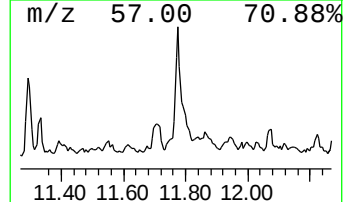
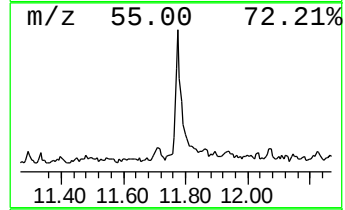
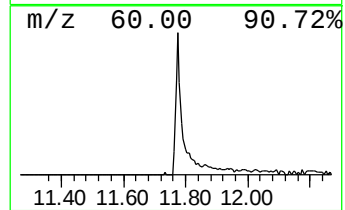
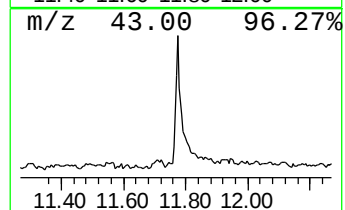
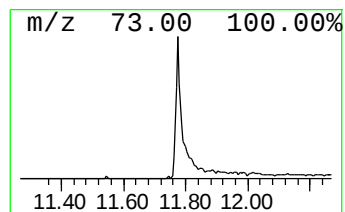
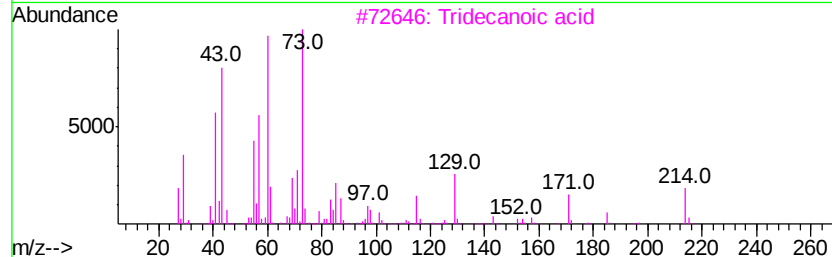
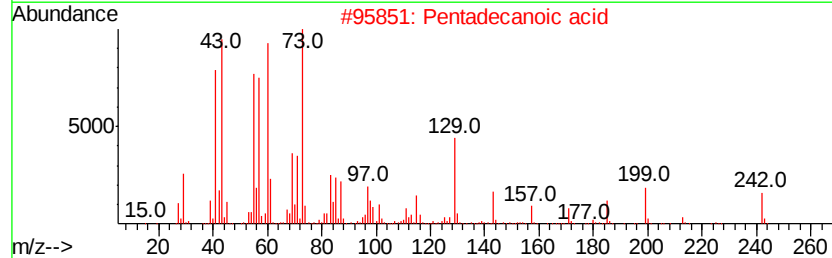
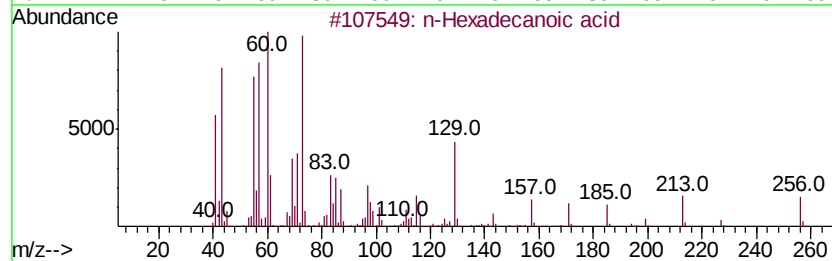
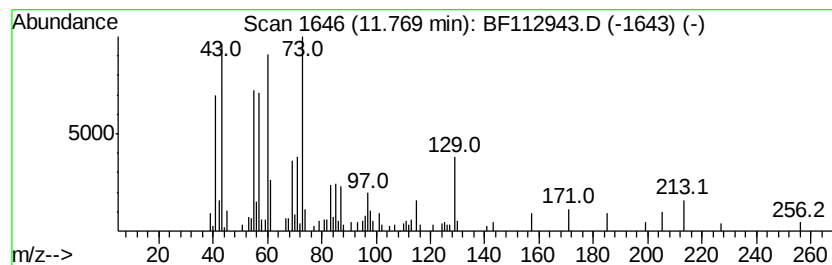
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.25 ng	276426	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	80
5		Nonanoic acid	158	C9H18O2	000112-05-0	38



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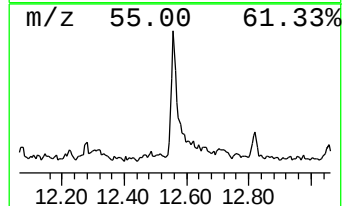
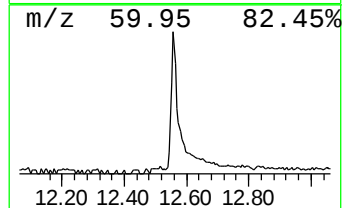
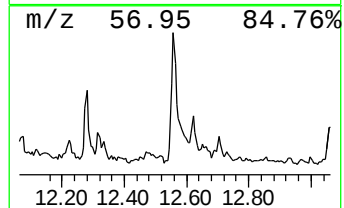
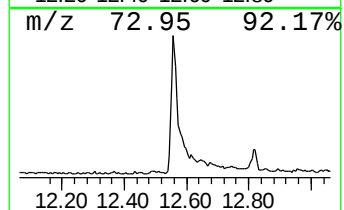
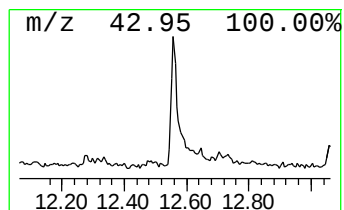
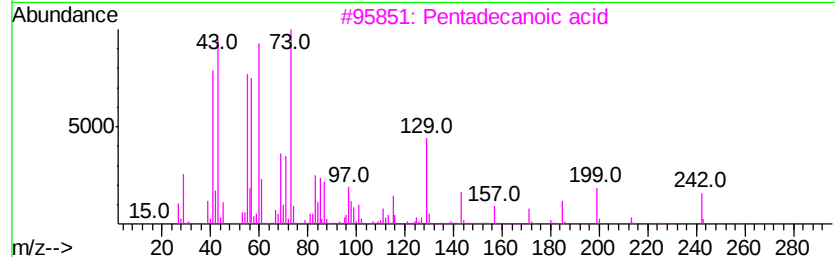
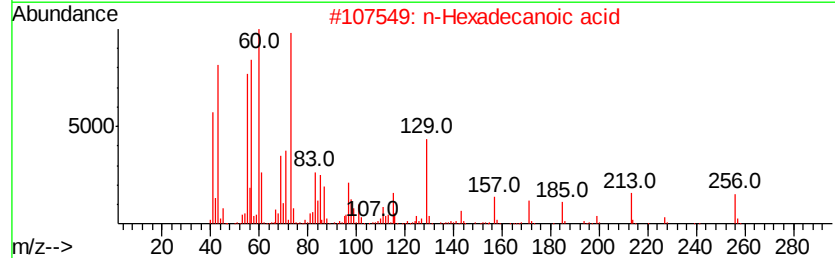
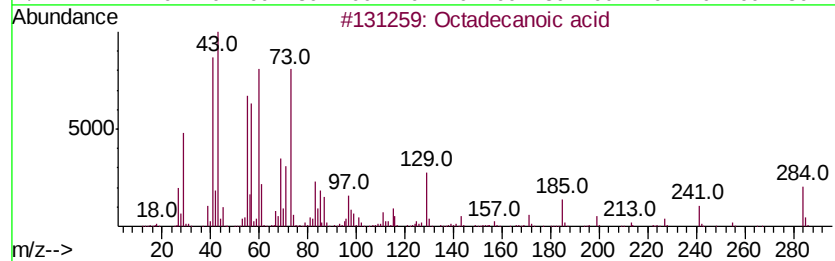
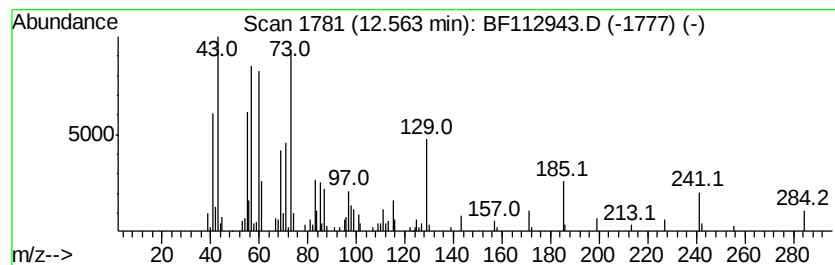
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Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	3.50 ng	262540	Chrysene-d12	13.86	
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	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	20



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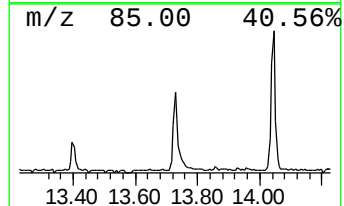
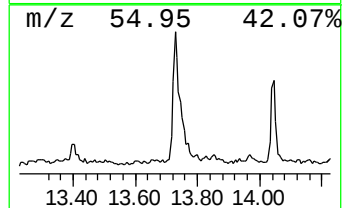
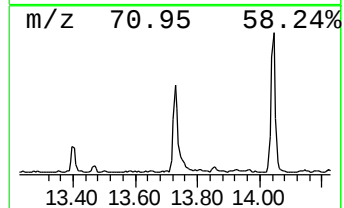
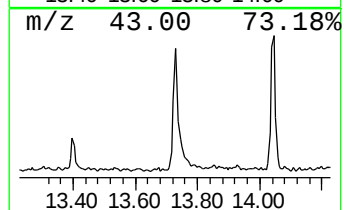
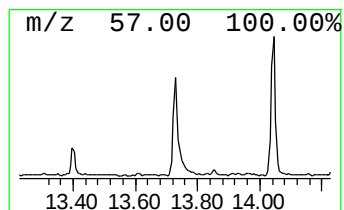
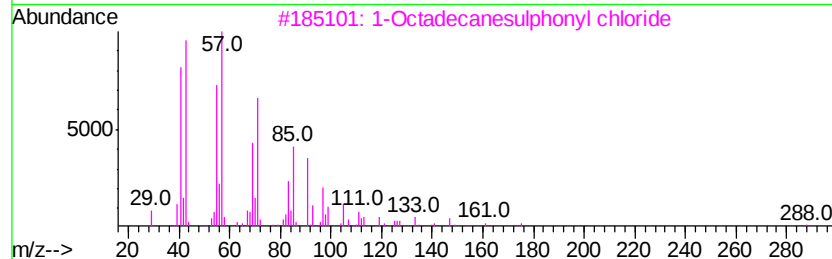
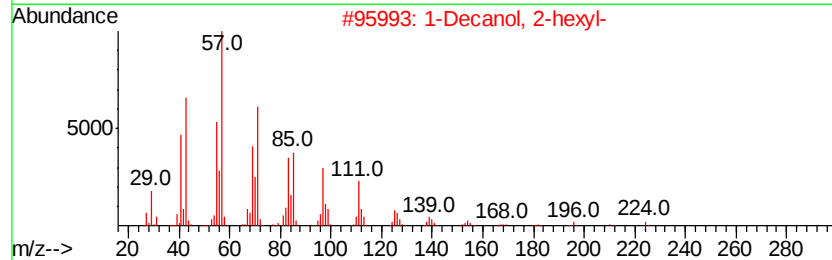
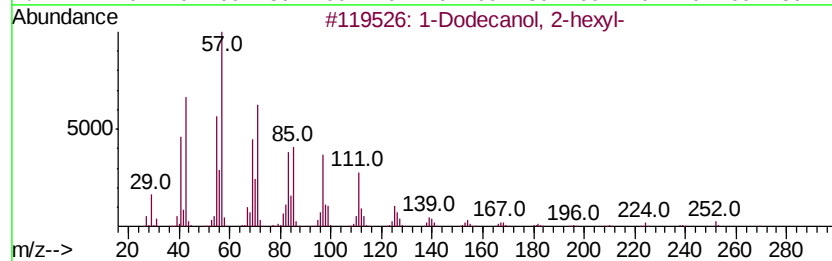
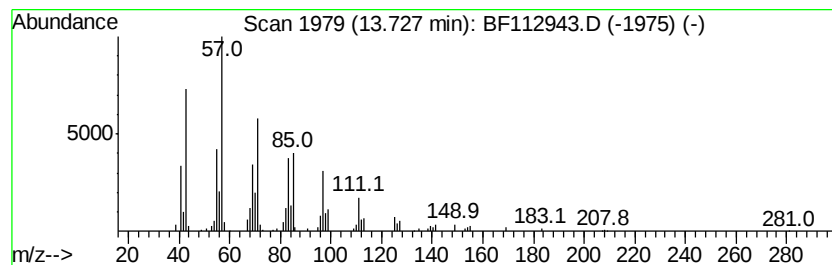
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Peak Number 5 1-Dodecanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.74 ng	281064	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	64
5		Tridecane	184	C13H28	000629-50-5	62



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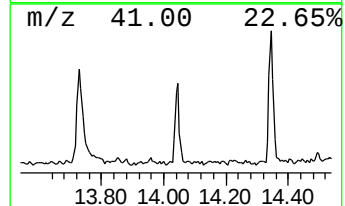
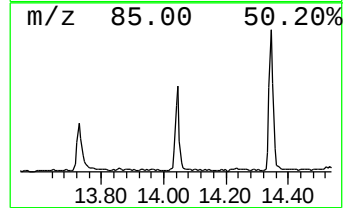
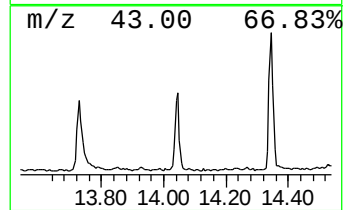
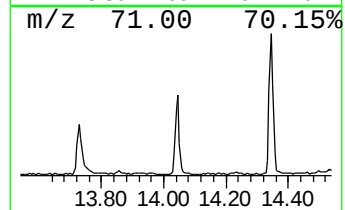
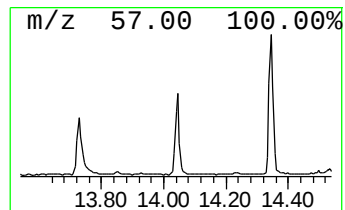
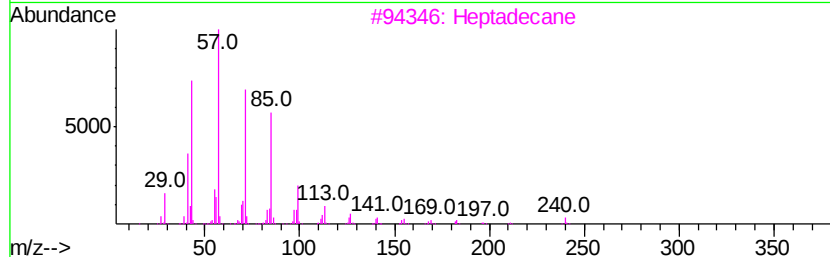
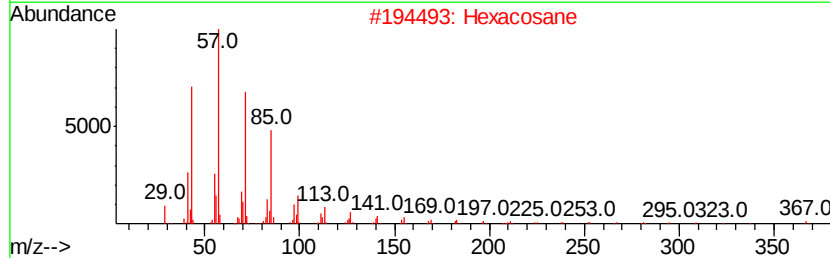
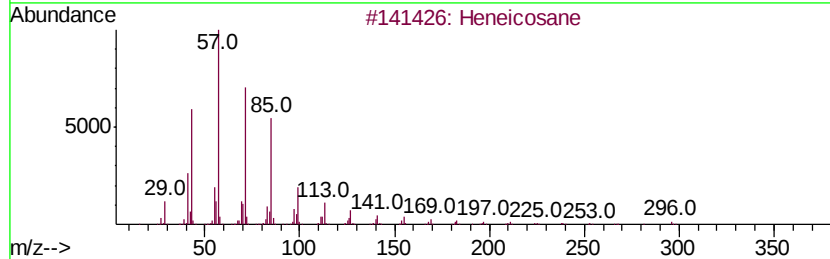
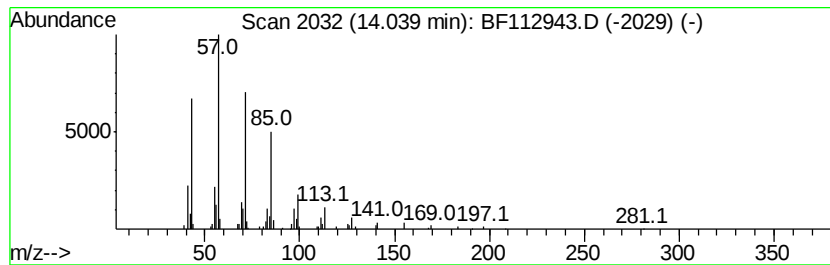
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.32 ng	174352	Chrysene-d12	13.86

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	Heptadecane		240	C17H36	000629-78-7	87
4	Hexadecane		226	C16H34	000544-76-3	86
5	Eicosane		282	C20H42	000112-95-8	86



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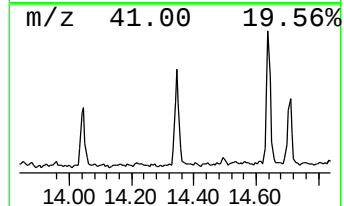
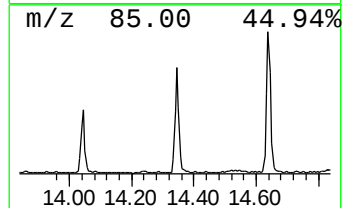
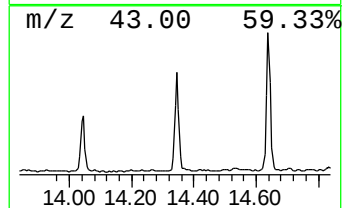
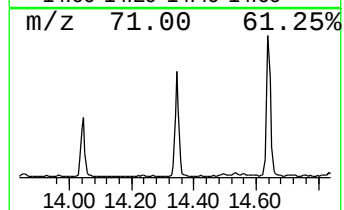
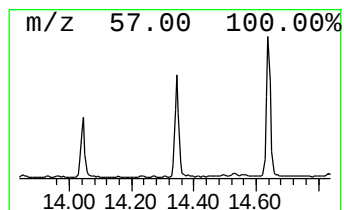
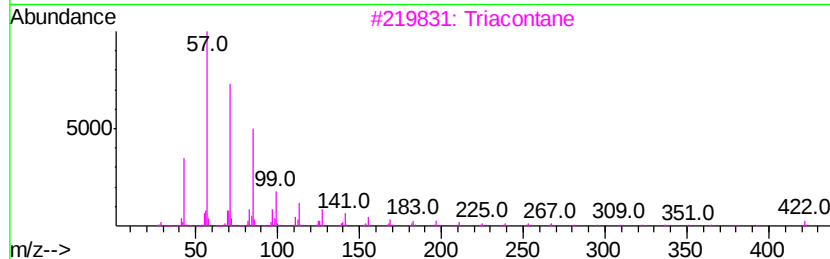
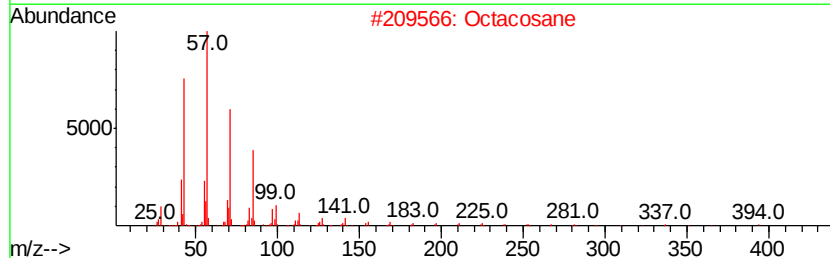
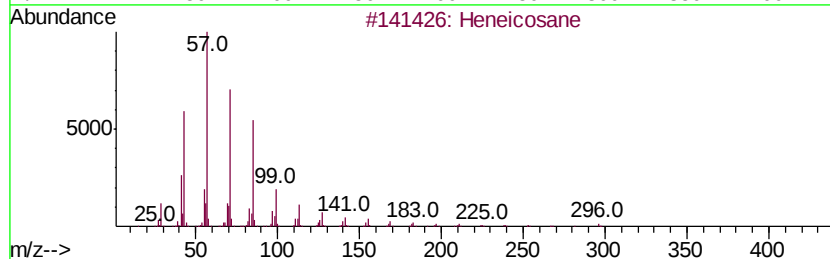
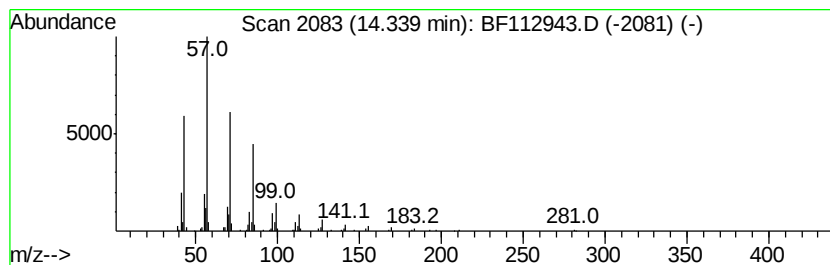
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.72 ng	279182	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112943.D
 Acq On : 8 Mar 2019 14:44
 Operator : JU/SJ
 Sample : K1783-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-4

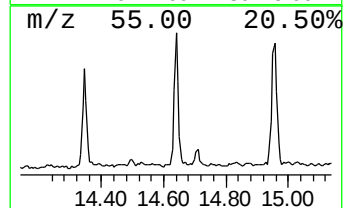
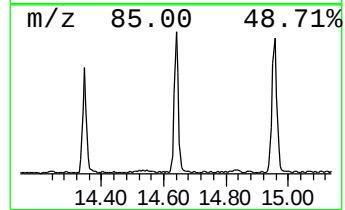
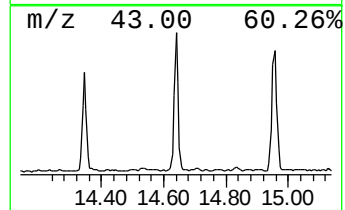
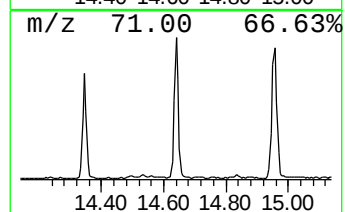
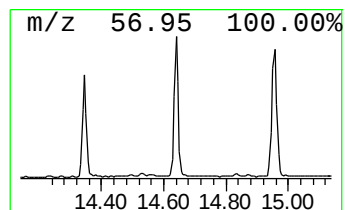
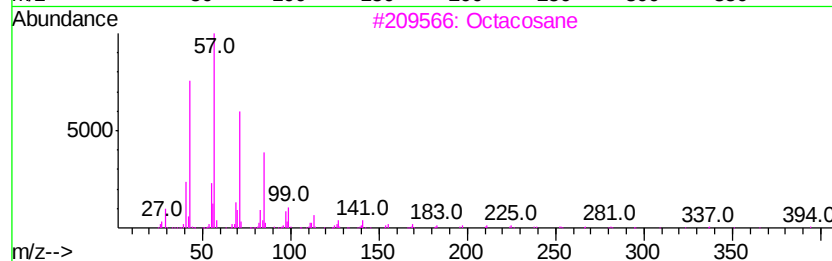
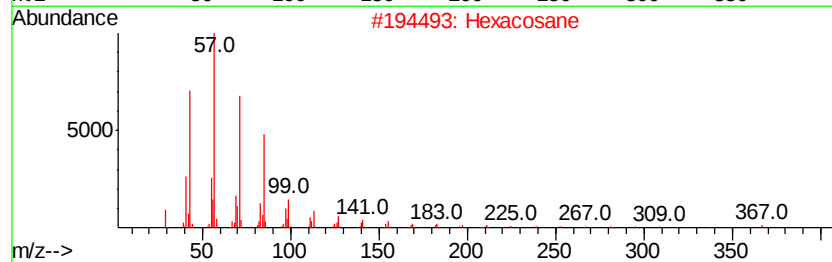
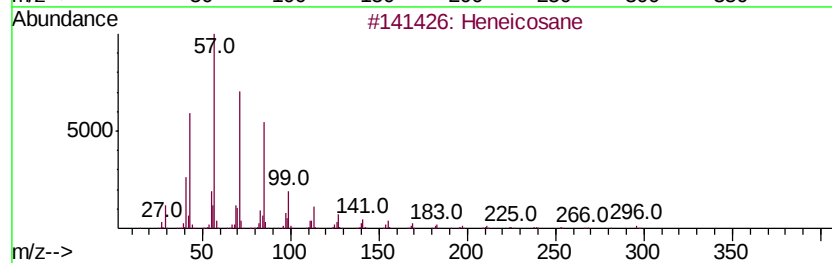
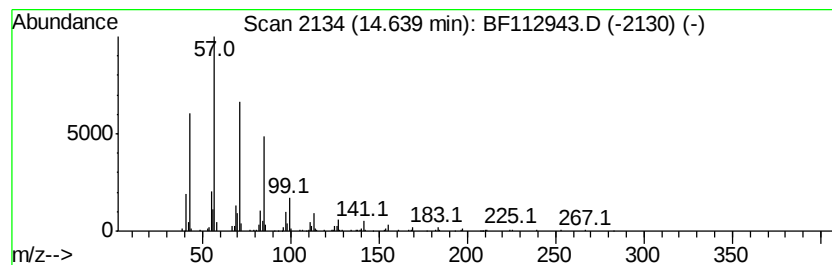
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.31 ng	402742	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
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Sample : K1783-01
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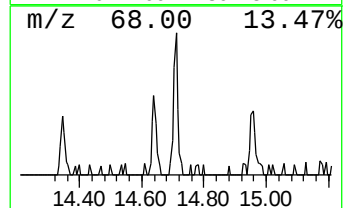
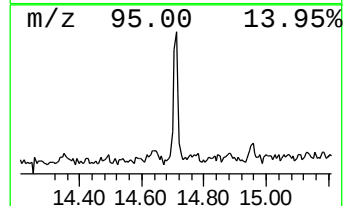
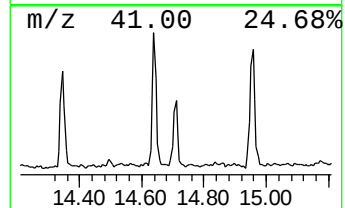
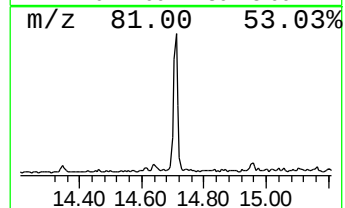
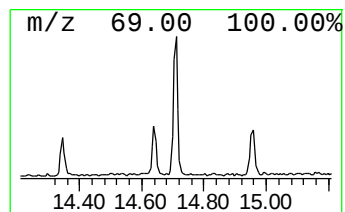
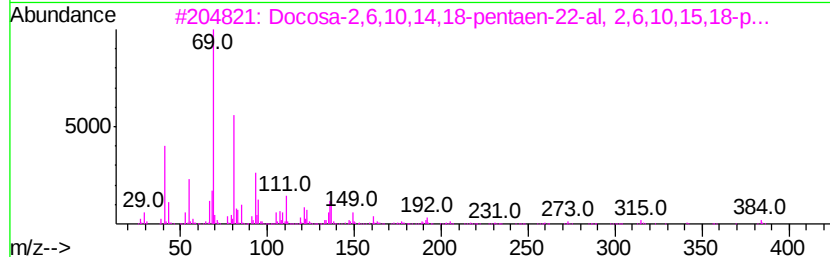
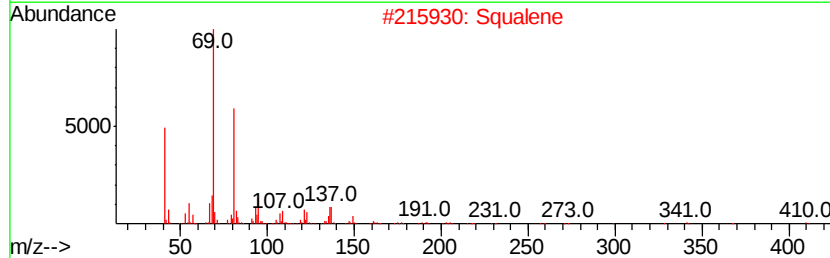
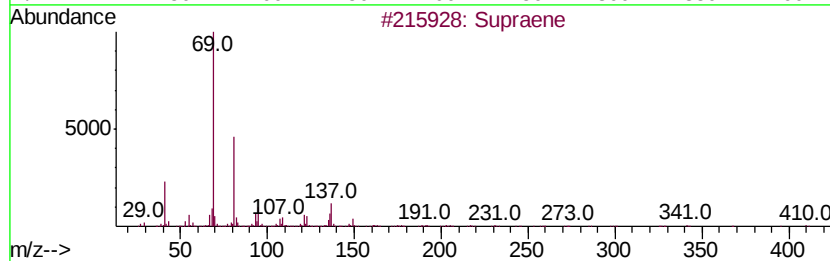
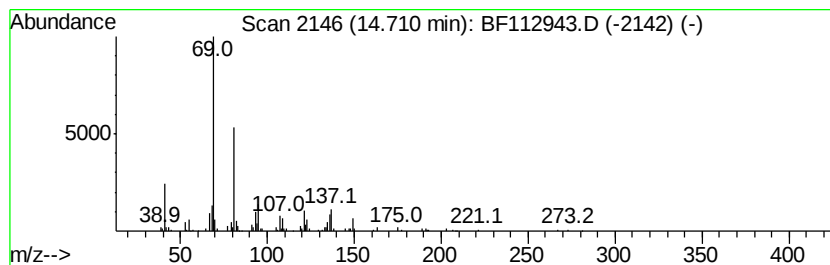
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Supraene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.39 ng	131595	Perylene-d12	15.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene	410 C30H50	007683-64-9	91
2	Squalene	410 C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	90
4	4,8,12-Tetradecatrilal, 5,9,13-...	248 C17H28O	066408-55-7	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138 C10H18	035387-63-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112943.D
Acq On : 8 Mar 2019 14:44
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Sample : K1783-01
Misc :
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Instrument :
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ClientSampleId :
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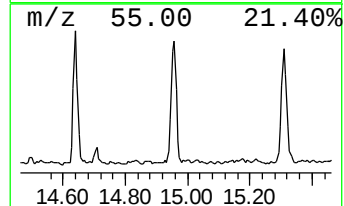
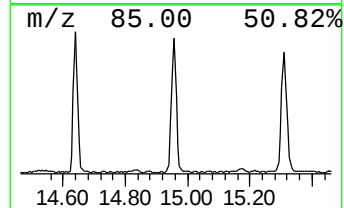
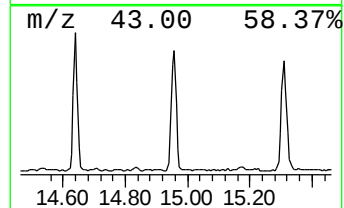
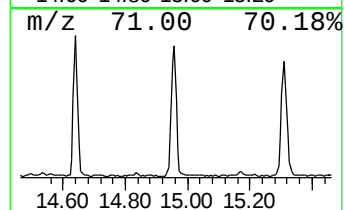
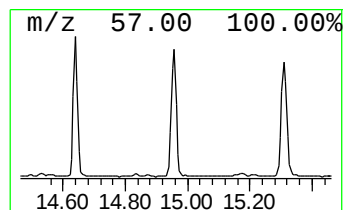
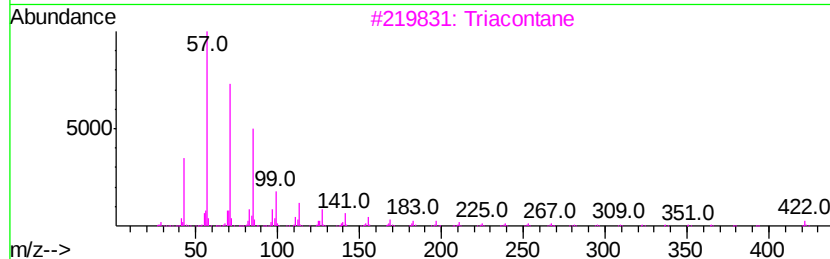
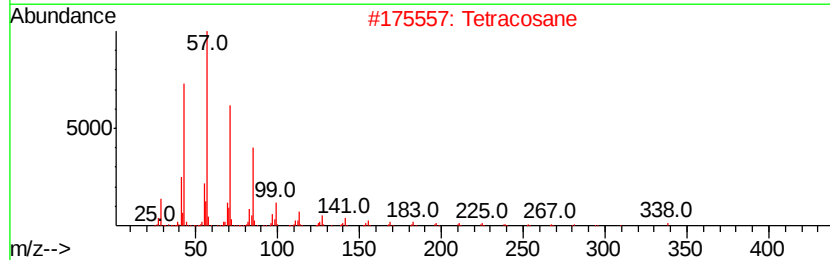
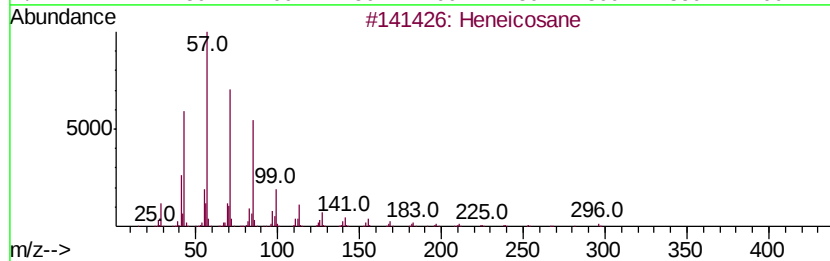
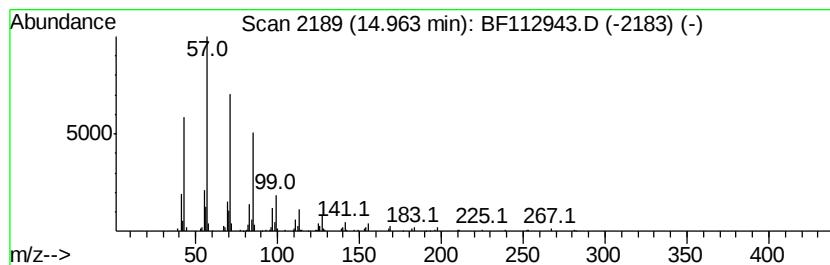
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	8.07 ng	444141	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112943.D
Acq On : 8 Mar 2019 14:44
Operator : JU/SJ
Sample : K1783-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-4

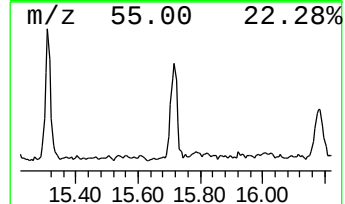
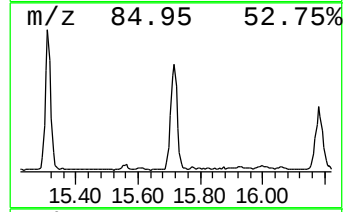
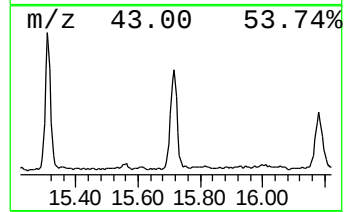
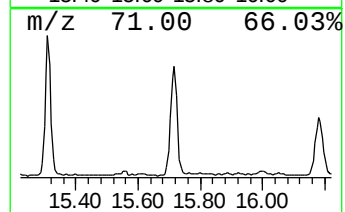
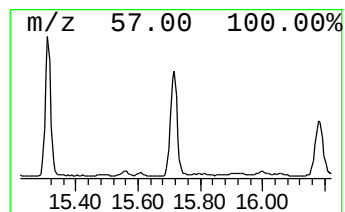
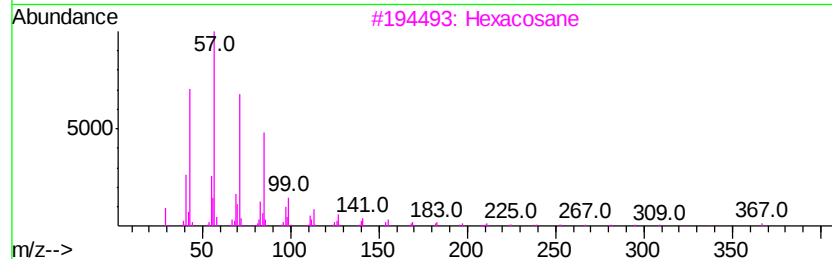
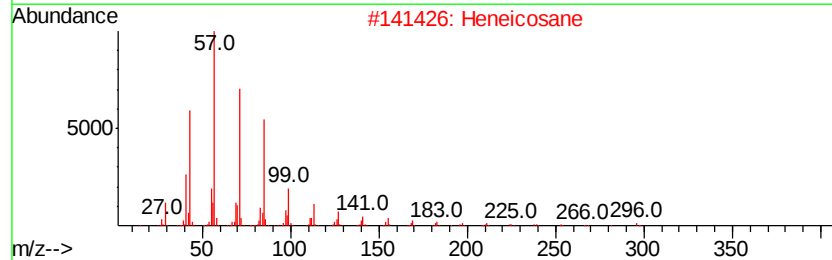
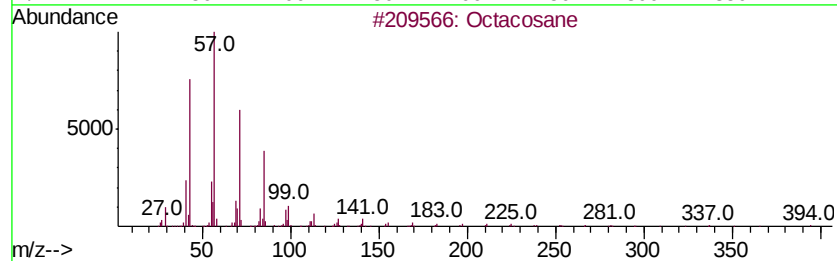
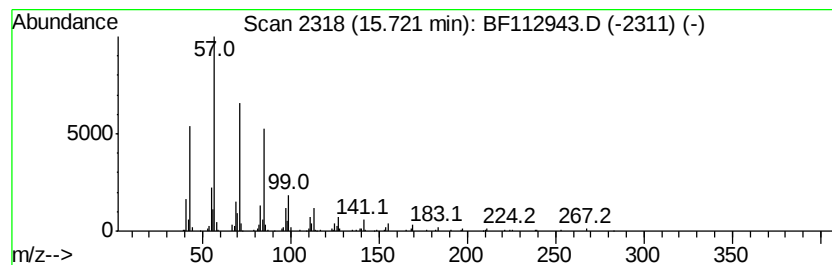
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.27 ng	400466	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112943.D
Acq On : 8 Mar 2019 14:44
Operator : JU/SJ
Sample : K1783-01
Misc :
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ClientSampleId :
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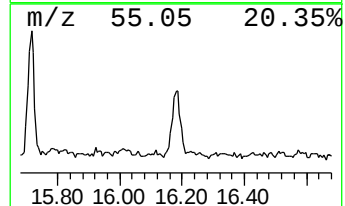
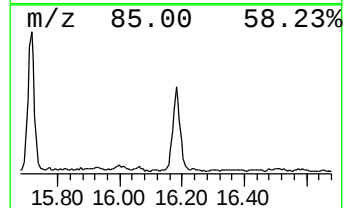
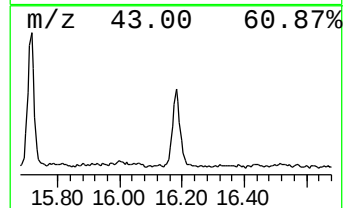
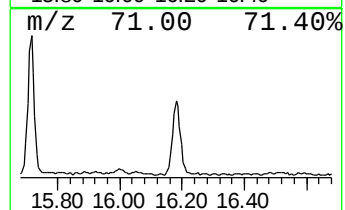
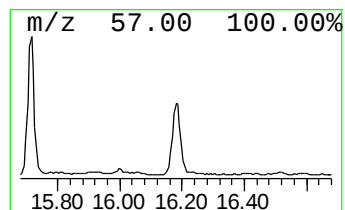
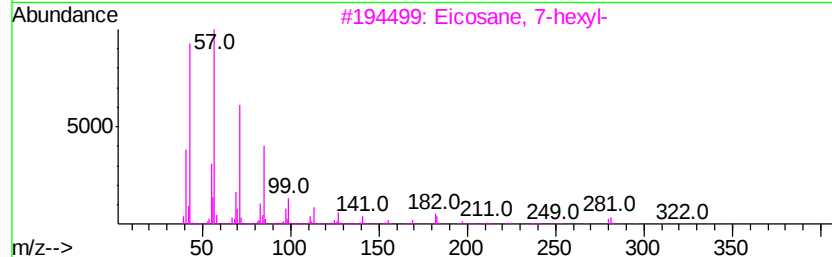
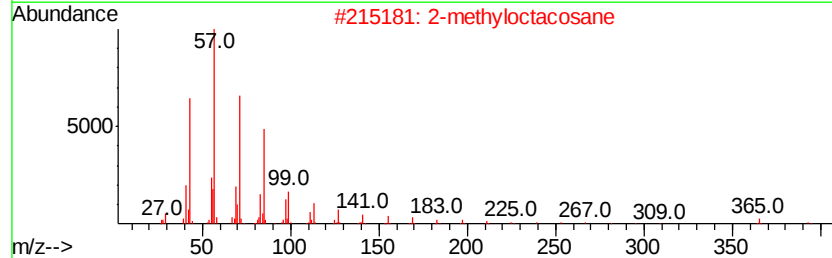
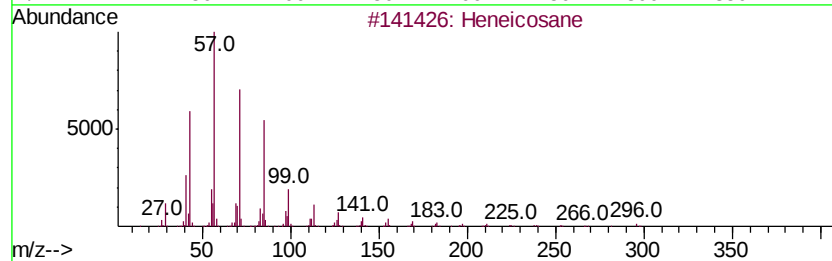
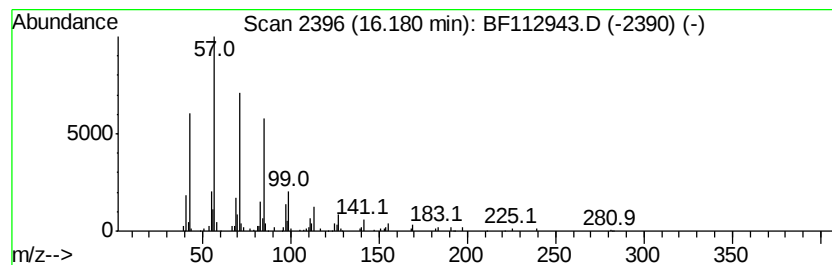
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	5.39 ng	296884	Perylene-d12	15.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4			Hexacosane	366	C26H54	000630-01-3	87
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
Data File : BF112943.D
Acq On : 8 Mar 2019 14:44
Operator : JU/SJ
Sample : K1783-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
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n-Hexadecanoic acid	11.77	3.3	ng	276426	4	11.23	1703210	20.0
Octadecanoic acid	12.56	3.5	ng	262540	5	13.86	1501370	20.0
1-Dodecanol, 2-he...	13.73	3.7	ng	281064	5	13.86	1501370	20.0
Heneicosane	14.04	2.3	ng	174352	5	13.86	1501370	20.0
Triacontane	14.34	3.7	ng	279182	5	13.86	1501370	20.0
Heptadecane, 9-oc...	14.64	7.3	ng	402742	6	15.26	1101240	20.0
Supraene	14.71	2.4	ng	131595	6	15.26	1101240	20.0
Tetracosane	14.96	8.1	ng	444141	6	15.26	1101240	20.0
Octacosane	15.72	7.3	ng	400466	6	15.26	1101240	20.0
2-methyloctacosane	16.18	5.4	ng	296884	6	15.26	1101240	20.0