

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120049.D
 Acq On : 17 Apr 2020 10:45
 Operator : MA/SJ
 Sample : L2198-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-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-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	5.328	546	551	554	rBV	3791086	3662799	64.34%	8.139%
2	6.363	721	727	730	rBV	3340124	3806632	66.87%	8.459%
3	6.557	757	760	774	rBV	76618	89354	1.57%	0.199%
4	6.722	784	788	792	rBV	1299389	1083519	19.03%	2.408%
5	6.881	810	815	818	rBV	3540549	3176430	55.80%	7.058%
6	7.292	879	885	888	rBV	2580624	2663161	46.78%	5.918%
7	8.010	1002	1007	1010	rBV	1777427	1496489	26.29%	3.325%
8	9.092	1185	1191	1194	rBV	5637401	5214894	91.60%	11.588%
9	9.486	1253	1258	1261	rBV	677919	627769	11.03%	1.395%
10	9.769	1300	1306	1309	rBV	1908115	1835098	32.23%	4.078%
11	10.557	1434	1440	1443	rBV	3554911	3456650	60.72%	7.681%
12	11.251	1553	1558	1561	rBV	2231628	1957763	34.39%	4.350%
13	11.792	1645	1650	1660	rBV	1060580	1062026	18.66%	2.360%
14	12.574	1780	1783	1796	rBV	602708	607862	10.68%	1.351%
15	12.845	1824	1829	1832	rBV	5461795	5692904	100.00%	12.650%
16	13.080	1864	1869	1875	rBV	85532	94528	1.66%	0.210%
17	13.421	1924	1927	1930	rVB	117723	93718	1.65%	0.208%
18	13.751	1979	1983	1999	rBV	640703	1019206	17.90%	2.265%
19	13.892	2003	2007	2010	rBV	1844406	1628468	28.61%	3.619%
20	14.068	2032	2037	2040	rBV	387226	357152	6.27%	0.794%
21	14.374	2085	2089	2092	rBV	564755	545994	9.59%	1.213%
22	14.404	2092	2094	2102	rVB7	34064	61025	1.07%	0.136%
23	14.651	2132	2136	2137	rBV	204276	216011	3.79%	0.480%
24	14.668	2137	2139	2143	rVB	761255	706178	12.40%	1.569%
25	14.992	2190	2194	2199	rBV	725491	765714	13.45%	1.702%
26	15.321	2244	2250	2253	rBV	1031787	1291816	22.69%	2.871%
27	15.357	2253	2256	2264	rVB	565458	688026	12.09%	1.529%
28	15.768	2320	2326	2334	rBV	395390	557429	9.79%	1.239%
29	15.851	2334	2340	2344	rBV6	43450	105750	1.86%	0.235%
30	16.245	2400	2407	2414	rBV	179769	319720	5.62%	0.710%
31	16.804	2497	2502	2510	rVB2	56163	117595	2.07%	0.261%

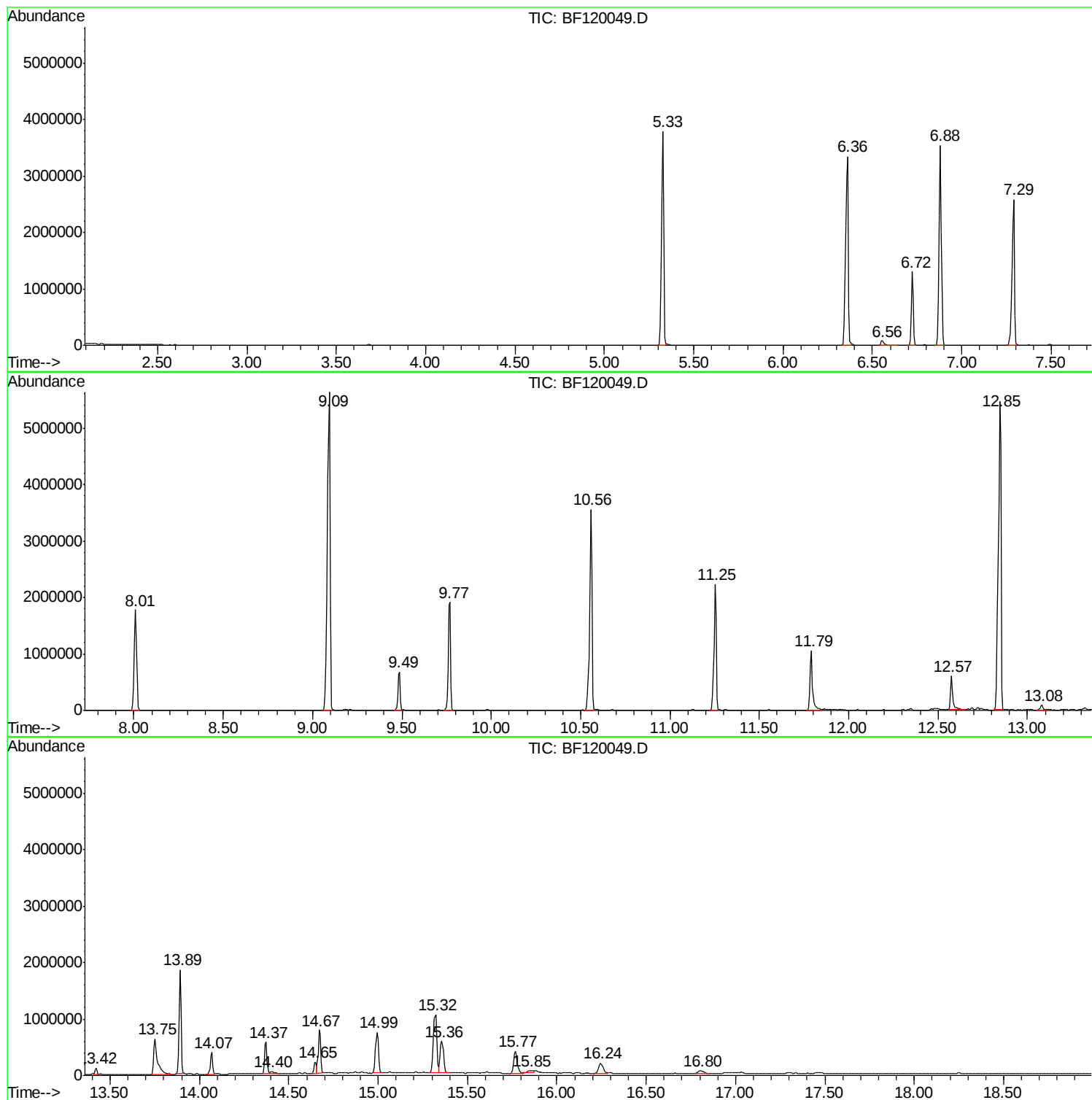
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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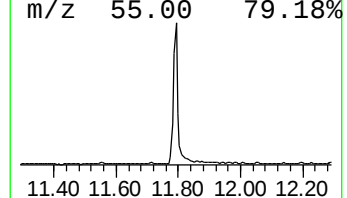
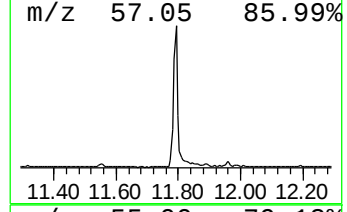
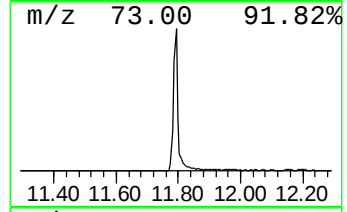
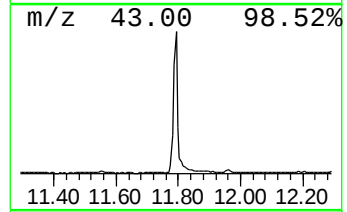
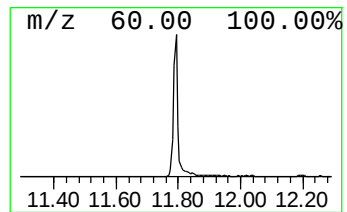
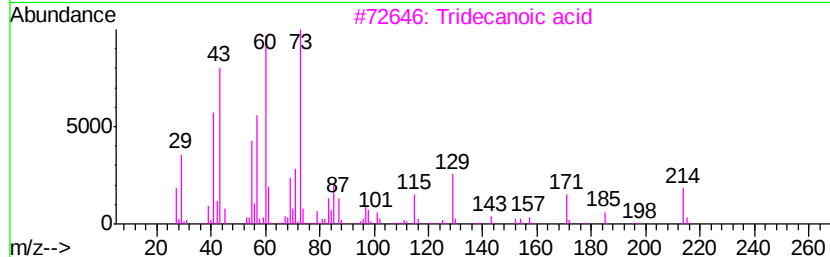
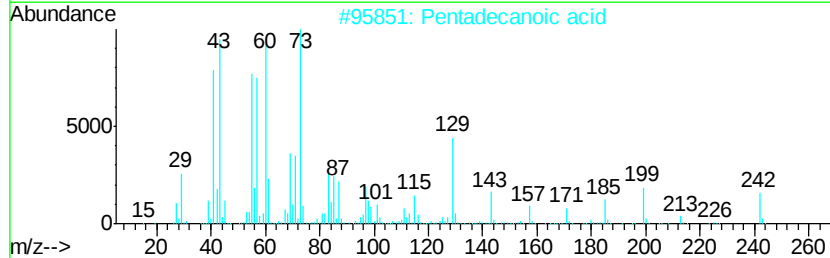
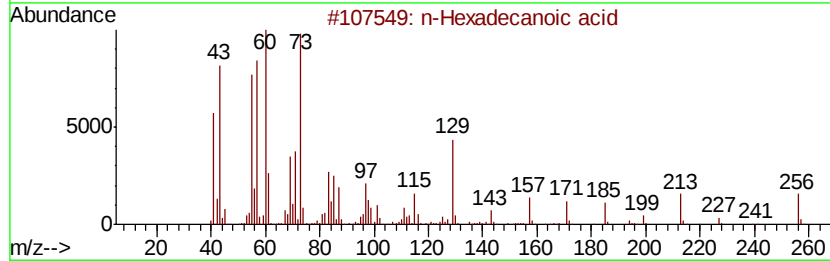
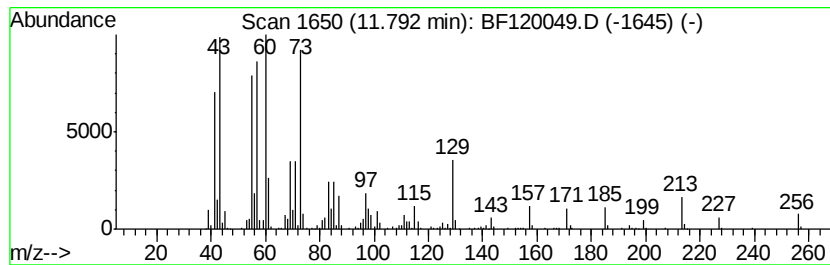
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.85 ng	1062030	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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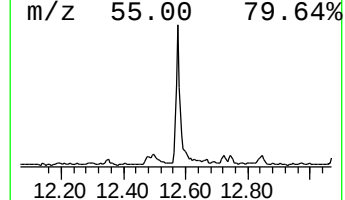
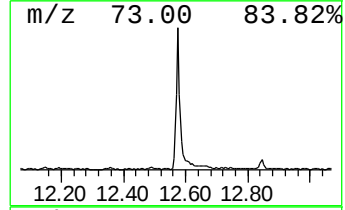
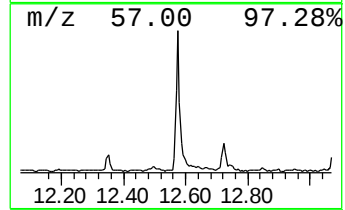
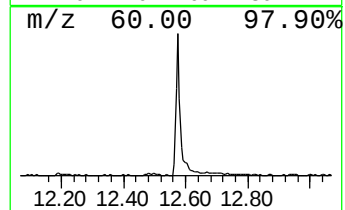
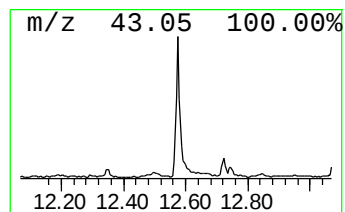
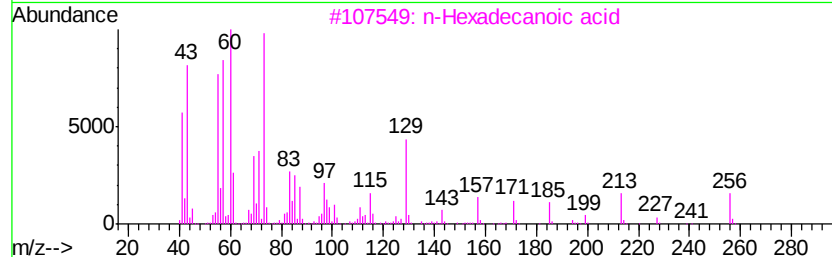
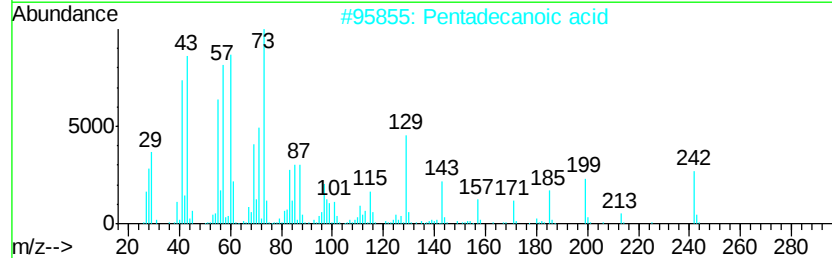
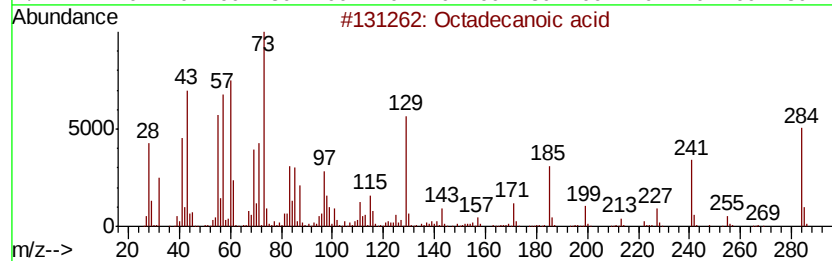
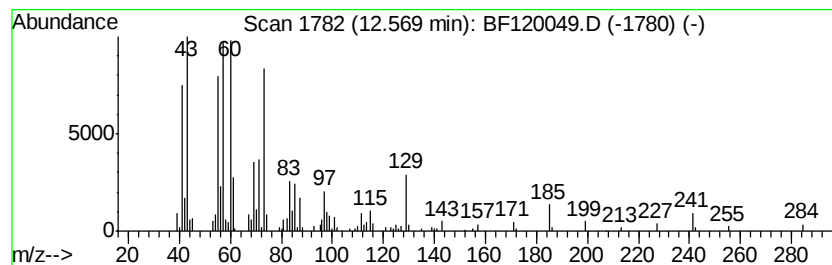
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Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	7.47 ng	607862	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2 89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3 87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8 74
5	Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6 72



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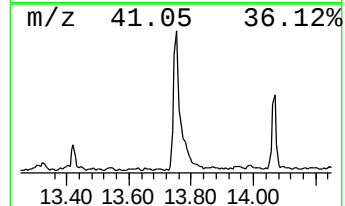
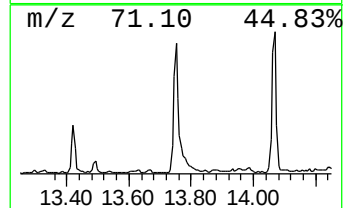
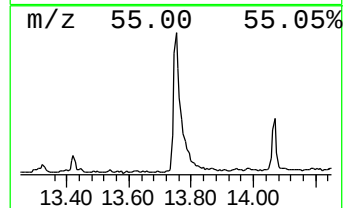
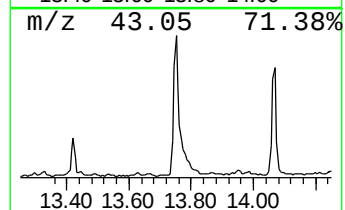
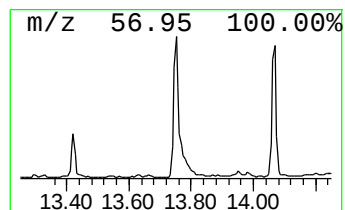
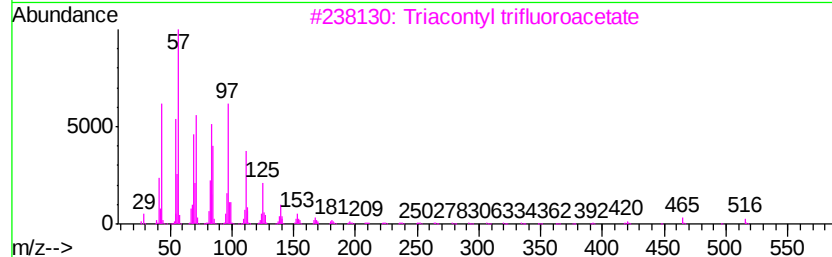
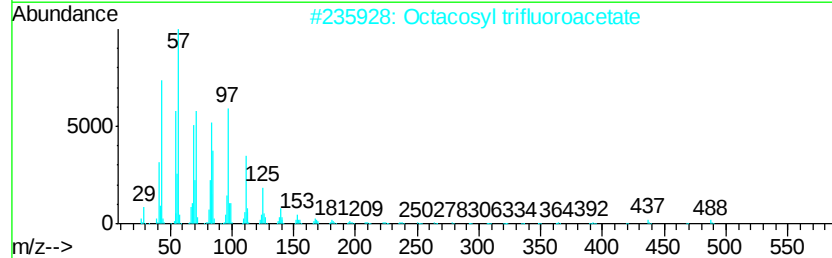
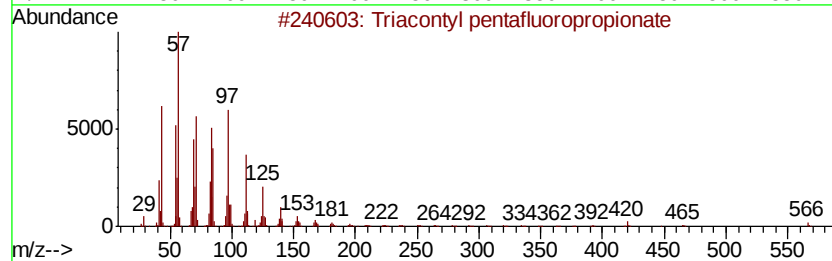
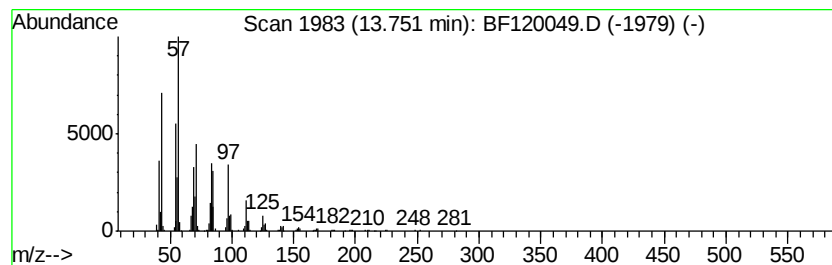
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Peak Number 4 Triacontyl pentafluoropropi... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	12.52 ng	1019210	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3		Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
4		Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	91
5		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91



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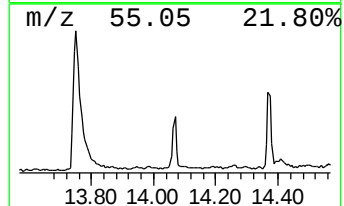
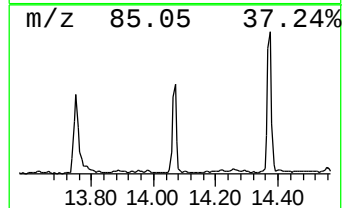
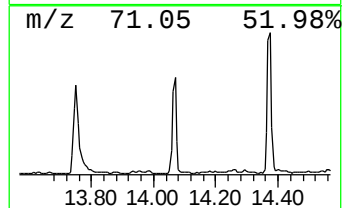
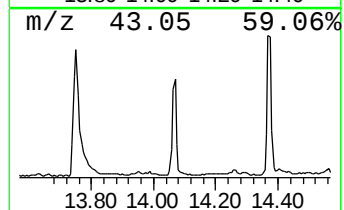
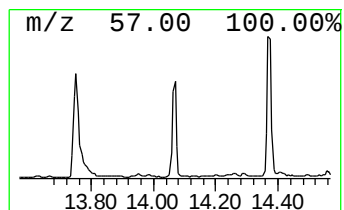
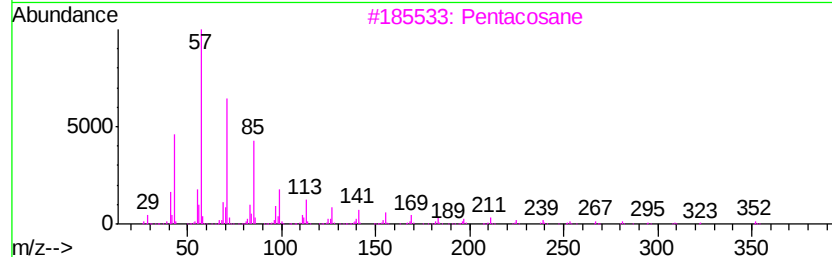
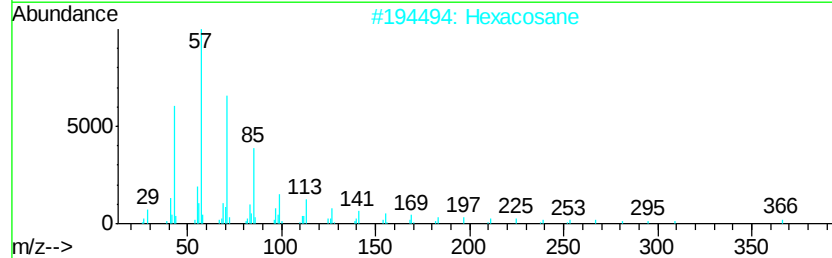
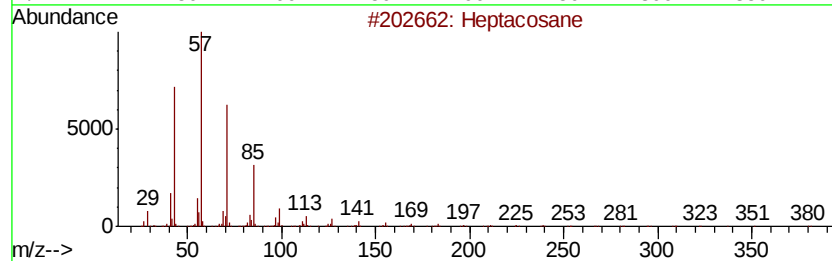
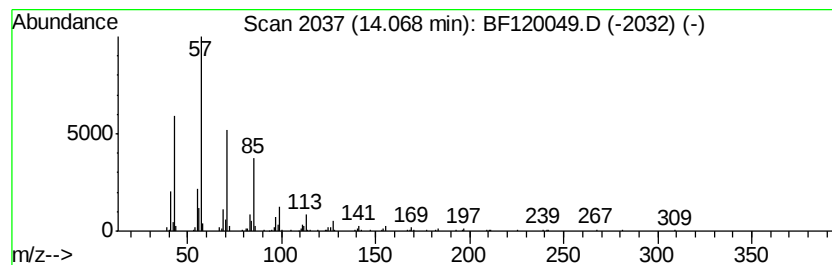
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Peak Number 5 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.39 ng	357152	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	Eicosane		282	C20H42	000112-95-8	90
5	Heneicosane		296	C21H44	000629-94-7	90



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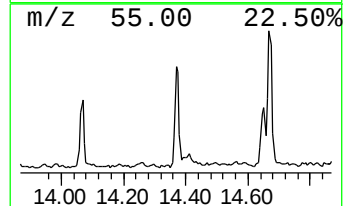
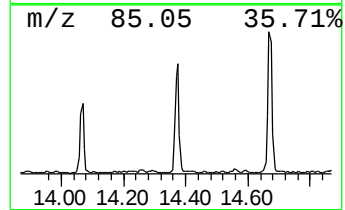
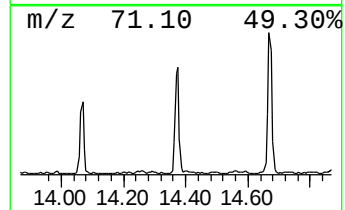
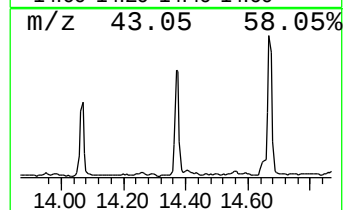
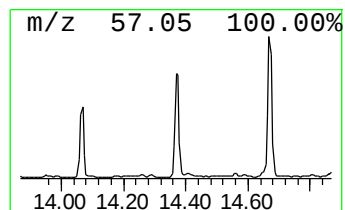
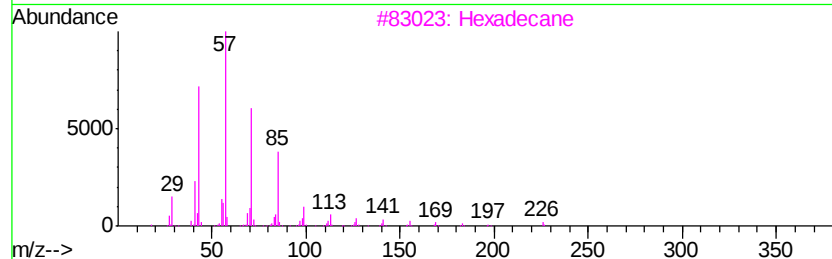
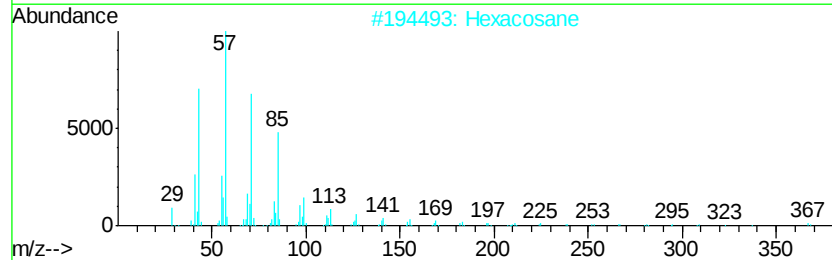
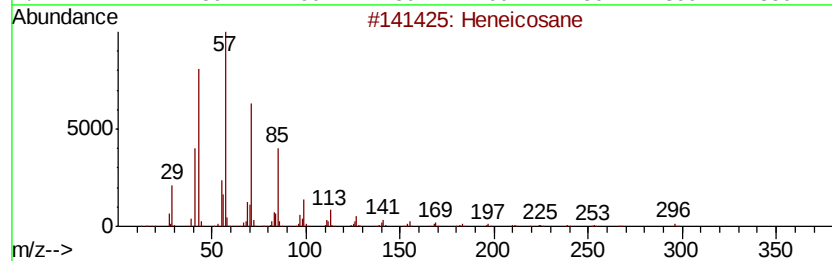
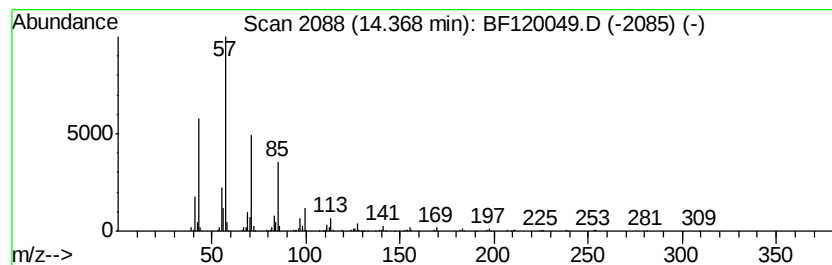
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	6.71 ng	545994	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Hexadecane		226	C16H34	000544-76-3	87
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
5	Pentadecane		212	C15H32	000629-62-9	87



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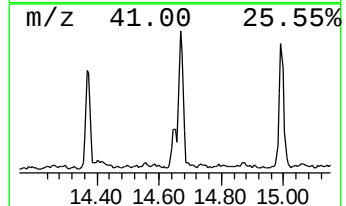
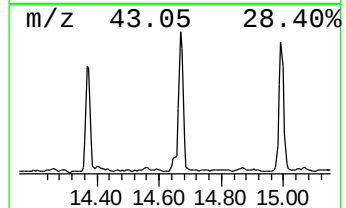
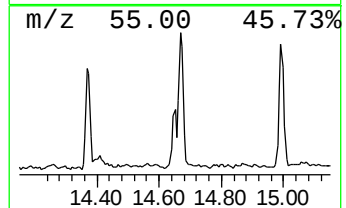
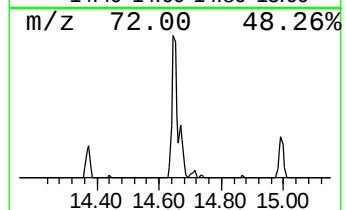
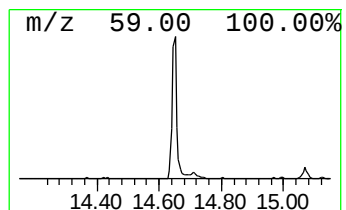
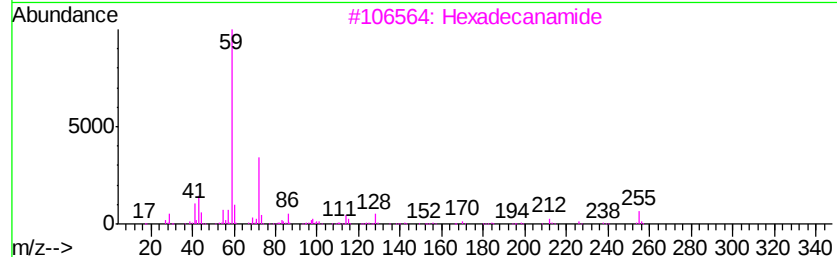
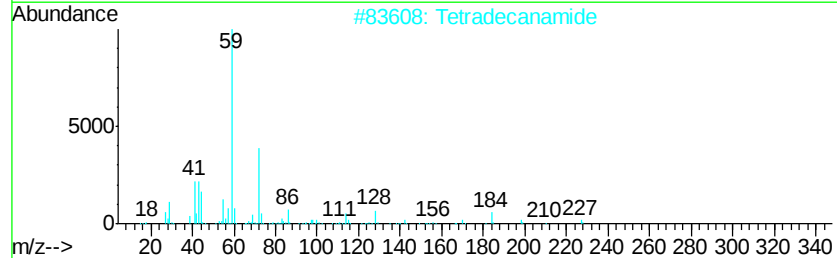
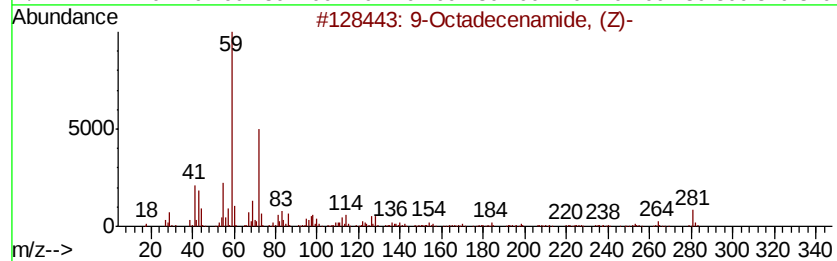
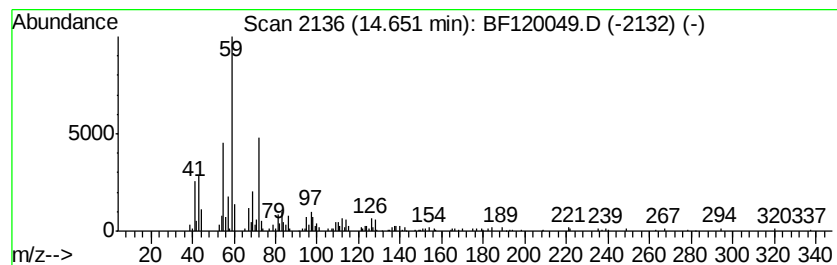
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.34 ng	216011	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		Tetradecanamide	227	C14H29NO	000638-58-4	72
3		Hexadecanamide	255	C16H33NO	000629-54-9	72
4		Decanamide-	171	C10H21NO	002319-29-1	59
5		Nonanamide	157	C9H19NO	001120-07-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120049.D
 Acq On : 17 Apr 2020 10:45
 Operator : MA/SJ
 Sample : L2198-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

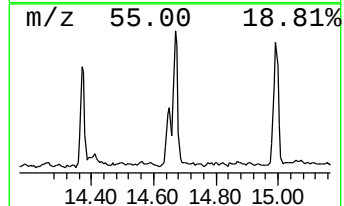
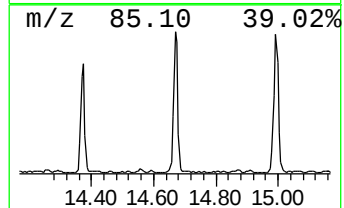
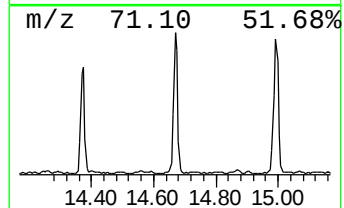
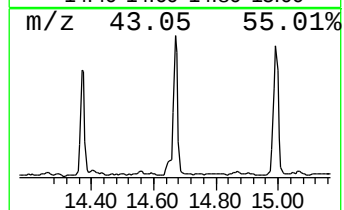
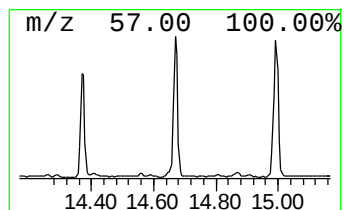
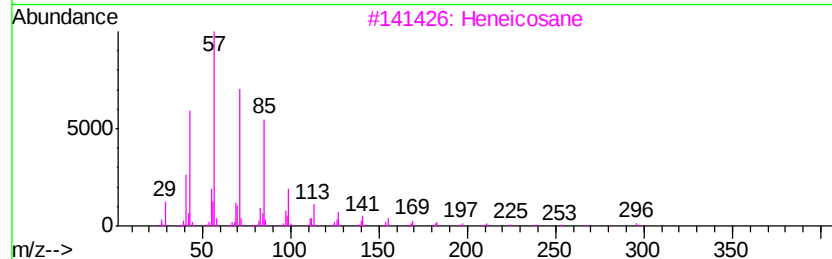
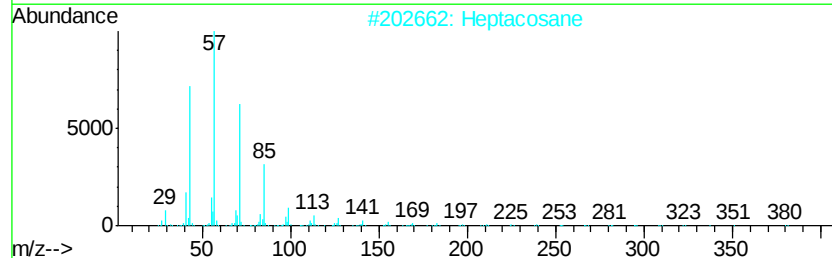
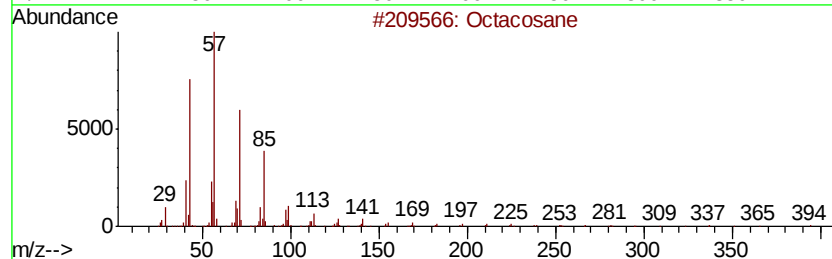
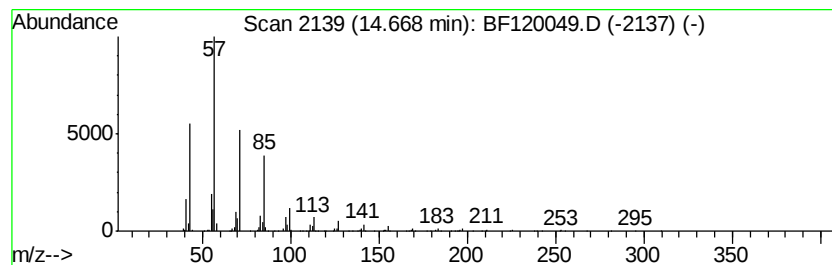
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	10.93 ng	706178	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120049.D
Acq On : 17 Apr 2020 10:45
Operator : MA/SJ
Sample : L2198-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

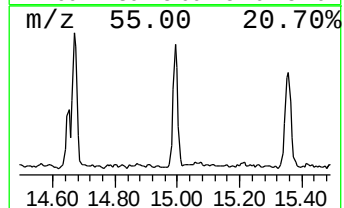
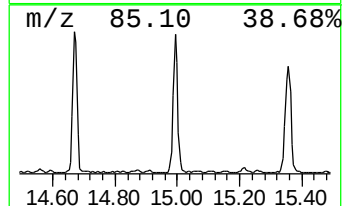
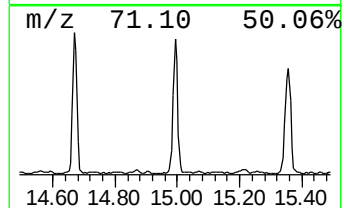
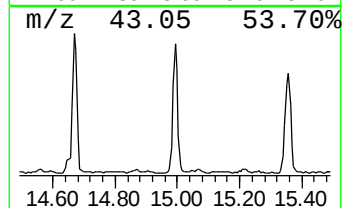
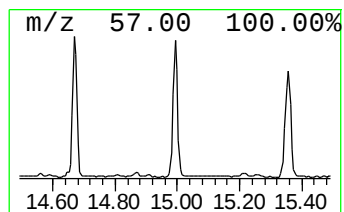
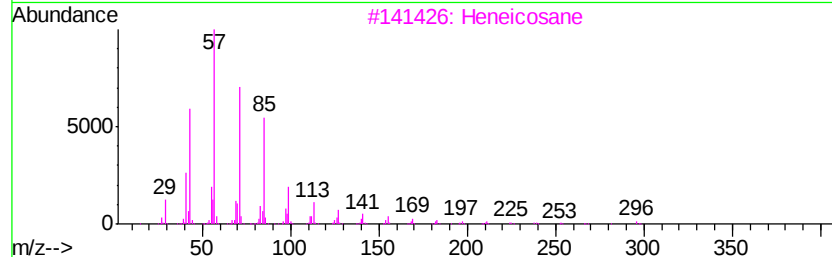
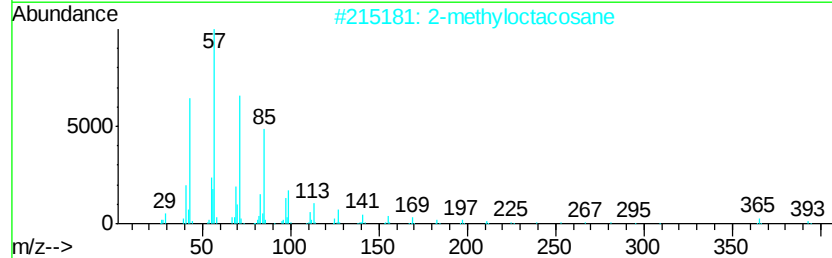
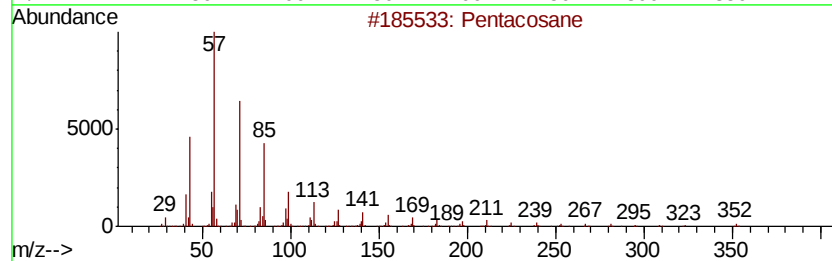
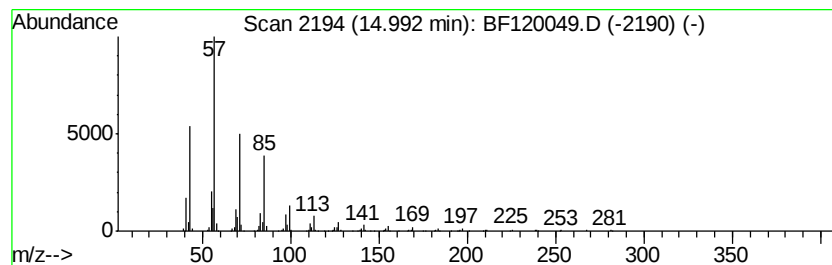
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	11.85 ng	765714	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Pentadecane		212	C15H32	000629-62-9	83
5	Hexadecane		226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120049.D
Acq On : 17 Apr 2020 10:45
Operator : MA/SJ
Sample : L2198-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

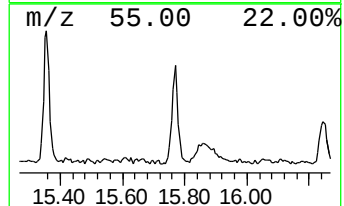
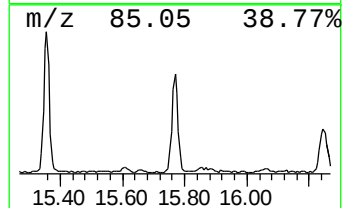
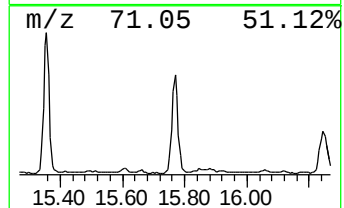
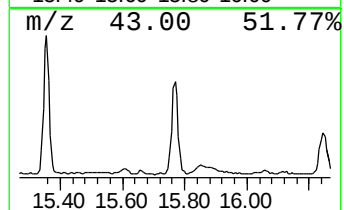
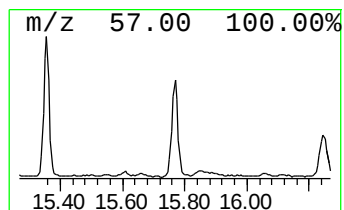
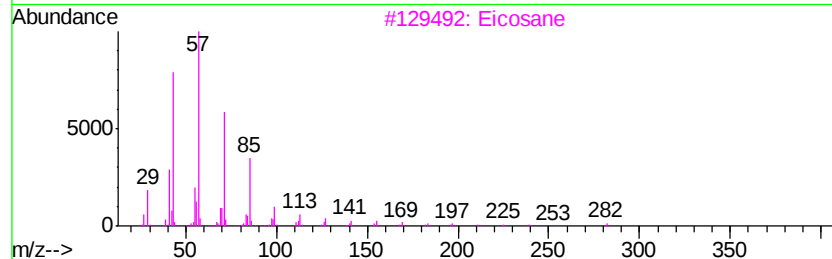
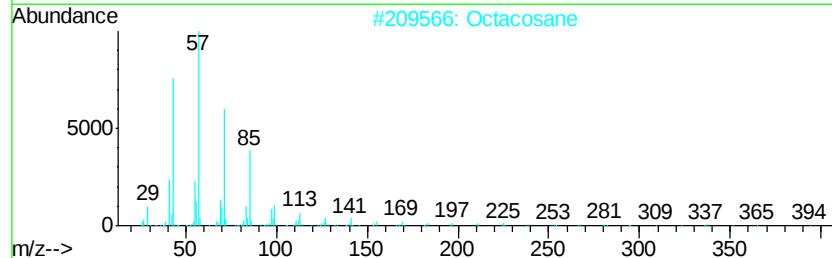
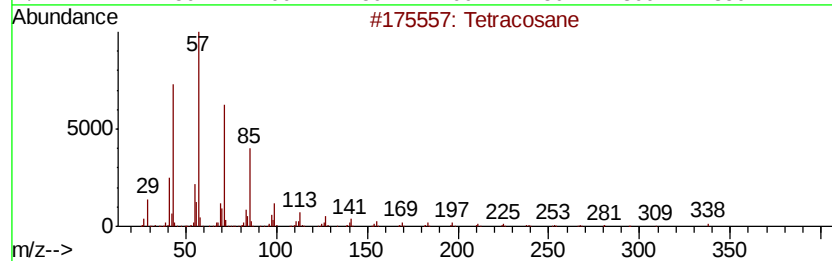
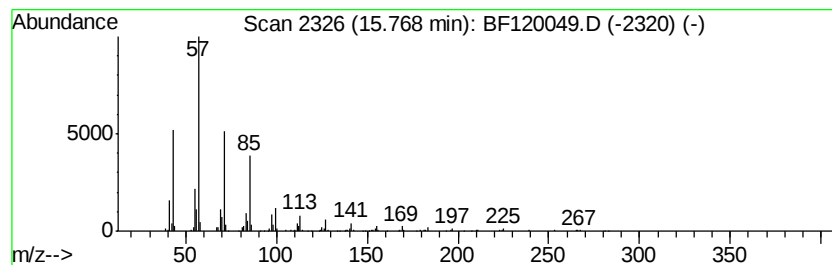
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	8.63 ng	557429	Perylene-d12	15.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Eicosane	282	C20H42	000112-95-8	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120049.D
Acq On : 17 Apr 2020 10:45
Operator : MA/SJ
Sample : L2198-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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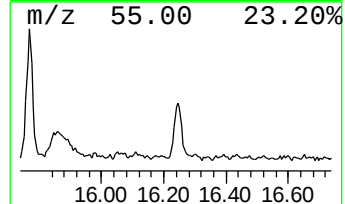
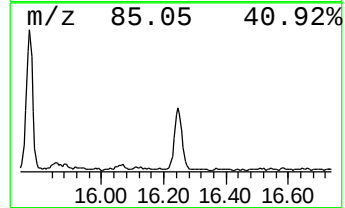
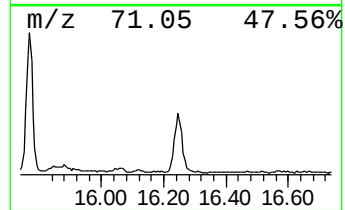
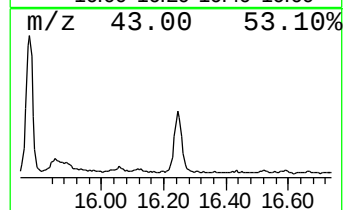
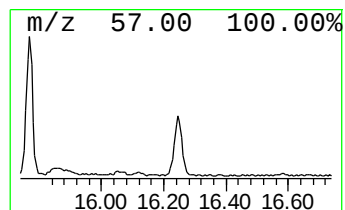
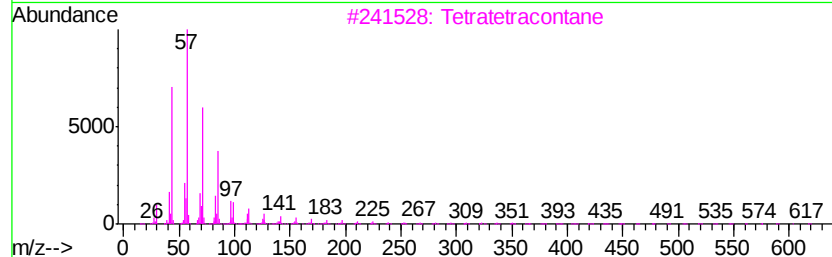
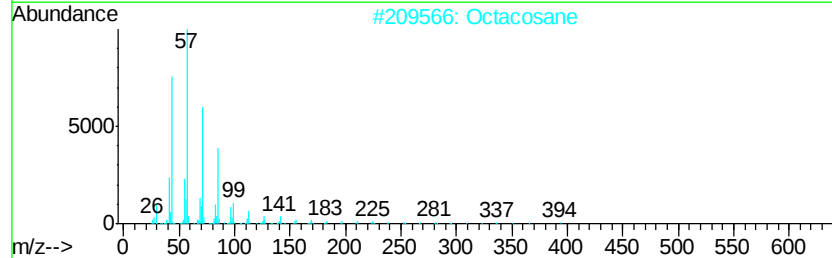
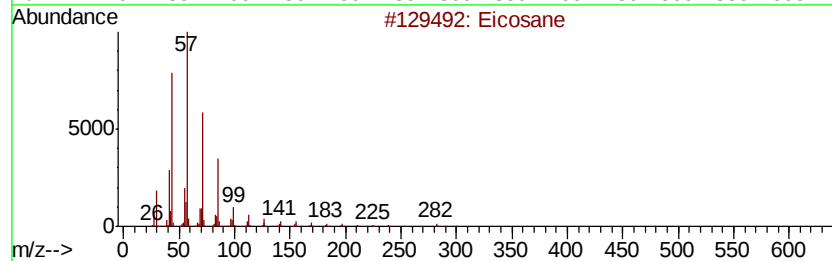
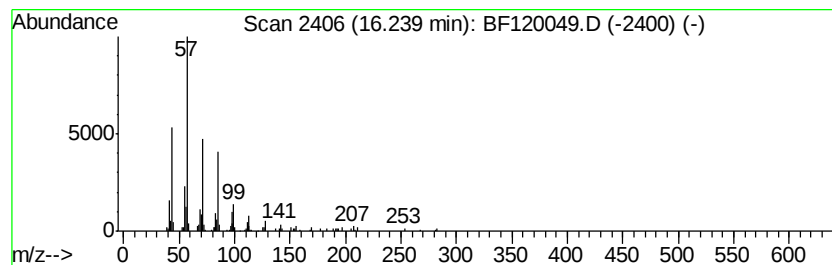
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	4.95 ng	319720	Perylene-d12	15.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Octacosane			394	C28H58	000630-02-4	91
3	Tetratetracontane			619	C44H90	007098-22-8	91
4	Hexacosane			366	C26H54	000630-01-3	90
5	Tetracosane			338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
 Data File : BF120049.D
 Acq On : 17 Apr 2020 10:45
 Operator : MA/SJ
 Sample : L2198-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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
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Octadecanoic acid	12.57	7.5	ng	607862	5	13.89	1628470	20.0
Triacetyl pentaf...	13.75	12.5	ng	1019210	5	13.89	1628470	20.0
Heptacosane	14.07	4.4	ng	357152	5	13.89	1628470	20.0
Heneicosane	14.37	6.7	ng	545994	5	13.89	1628470	20.0
9-Octadecenamide, ...	14.65	3.3	ng	216011	6	15.32	1291820	20.0
Octacosane	14.67	10.9	ng	706178	6	15.32	1291820	20.0
Pentacosane	14.99	11.9	ng	765714	6	15.32	1291820	20.0
Tetracosane	15.77	8.6	ng	557429	6	15.32	1291820	20.0
Eicosane	16.24	5.0	ng	319720	6	15.32	1291820	20.0