

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120048.D
 Acq On : 17 Apr 2020 10:18
 Operator : MA/SJ
 Sample : L2283-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-5

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	3545161	3498313	67.07%	9.033%
2	6.363	721	727	730	rBV	3408723	3617760	69.36%	9.341%
3	6.722	784	788	792	rBV	1125292	936001	17.95%	2.417%
4	6.881	810	815	818	rBV	3424490	3023118	57.96%	7.806%
5	7.292	879	885	888	rBV	2503730	2514180	48.20%	6.492%
6	8.010	1002	1007	1010	rBV	1466565	1255710	24.07%	3.242%
7	9.092	1185	1191	1194	rBV	5110277	4645164	89.06%	11.994%
8	9.480	1253	1257	1261	rBV	395366	356756	6.84%	0.921%
9	9.763	1300	1305	1309	rBV	1531984	1419348	27.21%	3.665%
10	10.557	1434	1440	1443	rBV	3439814	3319961	63.65%	8.572%
11	11.251	1554	1558	1561	rBV	2083062	1664968	31.92%	4.299%
12	11.792	1645	1650	1671	rBV	909496	920902	17.66%	2.378%
13	12.574	1780	1783	1797	rBV	440262	448391	8.60%	1.158%
14	12.845	1824	1829	1832	rBV	4792864	5215891	100.00%	13.468%
15	13.080	1864	1869	1877	rBV	46286	66716	1.28%	0.172%
16	13.421	1920	1927	1930	rBV2	62376	64209	1.23%	0.166%
17	13.751	1979	1983	1998	rBV	622892	1094945	20.99%	2.827%
18	13.892	2003	2007	2011	rVB	1588307	1466318	28.11%	3.786%
19	14.068	2033	2037	2040	rBV	123412	113924	2.18%	0.294%
20	14.374	2085	2089	2091	rBV	189395	164571	3.16%	0.425%
21	14.404	2091	2094	2101	rVB5	37653	78822	1.51%	0.204%
22	14.668	2136	2139	2143	rBV	217016	203122	3.89%	0.524%
23	14.739	2145	2151	2159	rVV8	22525	60978	1.17%	0.157%
24	14.992	2190	2194	2199	rBV	262569	277445	5.32%	0.716%
25	15.321	2244	2250	2253	rBV	1130309	1372465	26.31%	3.544%
26	15.357	2253	2256	2262	rVB	210317	255729	4.90%	0.660%
27	15.768	2321	2326	2331	rBV	157169	227671	4.36%	0.588%
28	15.845	2334	2339	2341	rBV3	64564	108359	2.08%	0.280%
29	16.245	2401	2407	2412	rBV	80296	134564	2.58%	0.347%
30	16.404	2425	2434	2436	rBV8	53237	128705	2.47%	0.332%
31	16.804	2495	2502	2508	rVB3	34013	73048	1.40%	0.189%

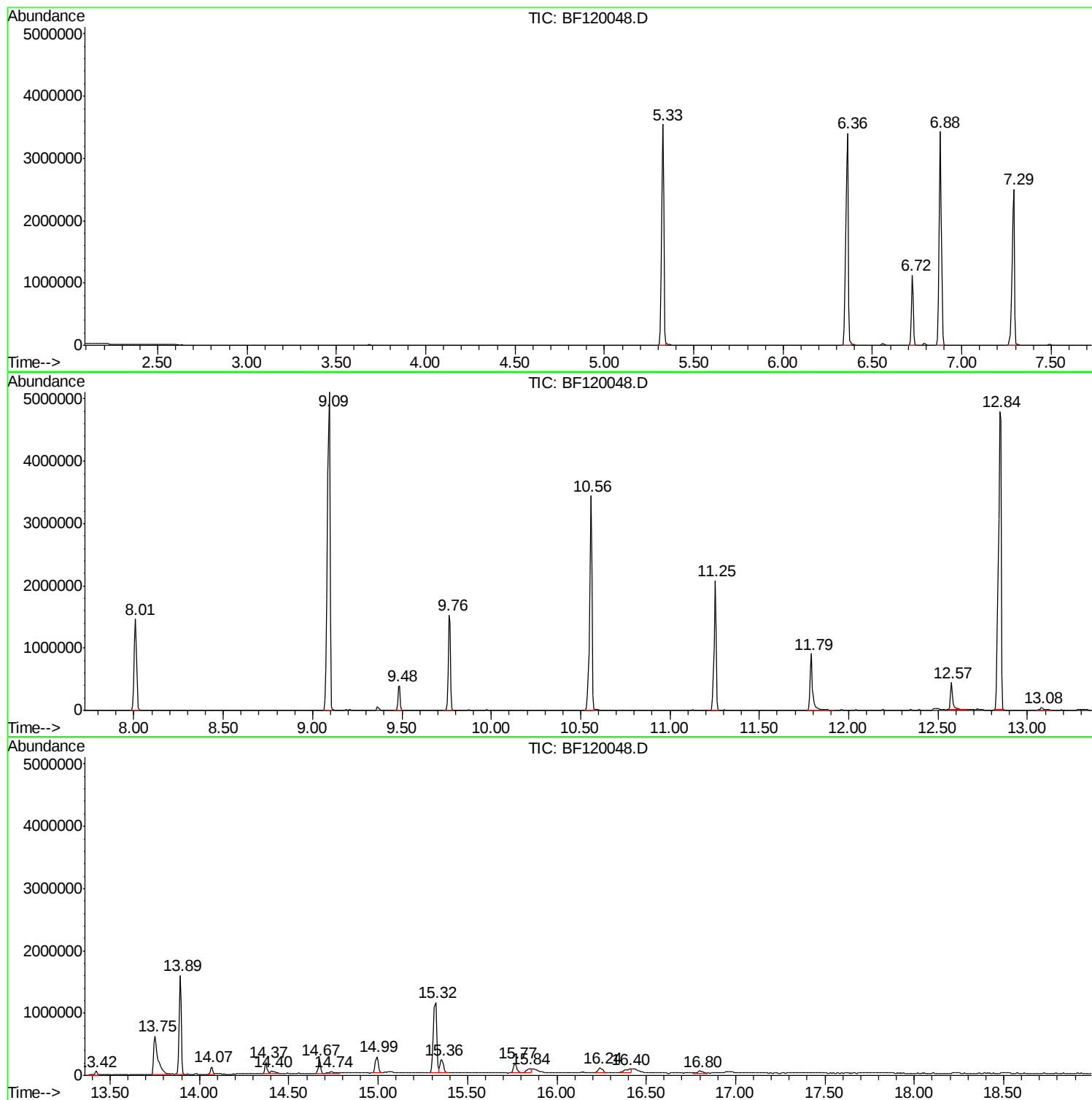
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Instrument :
BNA_F
ClientSampled :
PA-5

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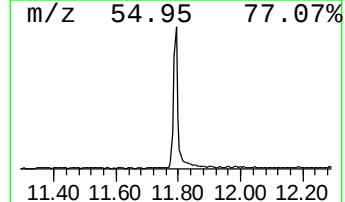
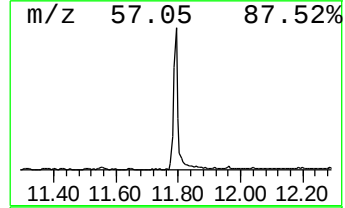
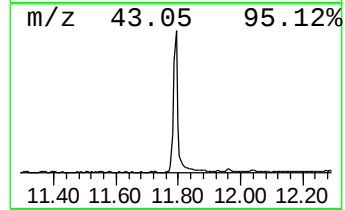
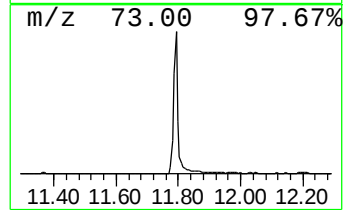
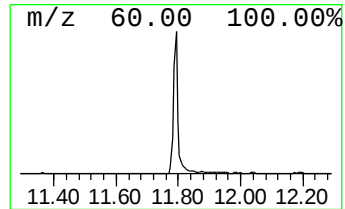
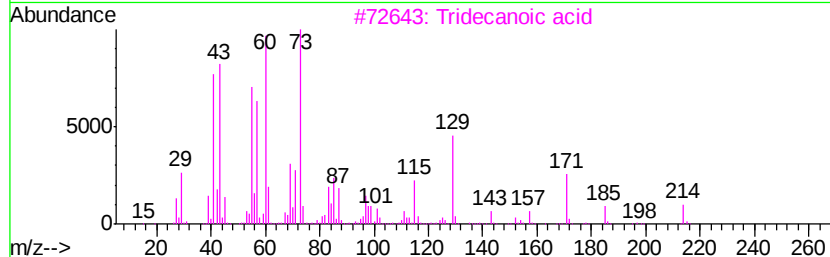
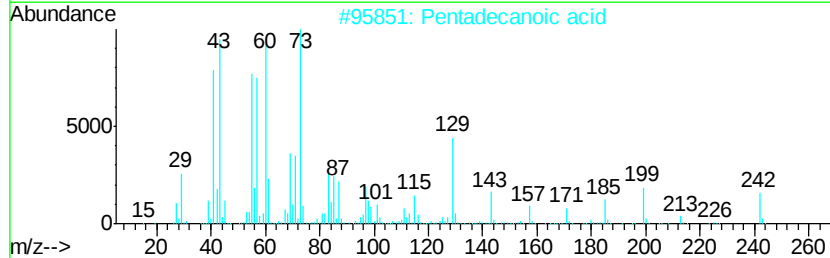
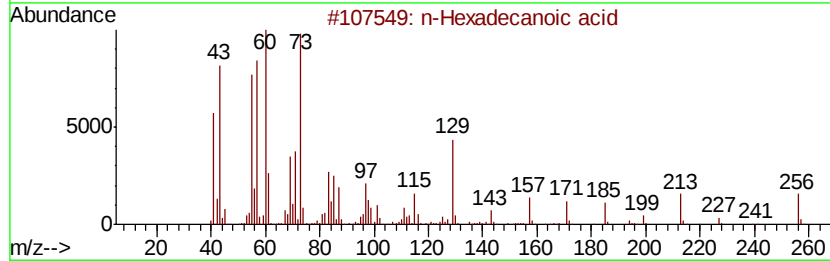
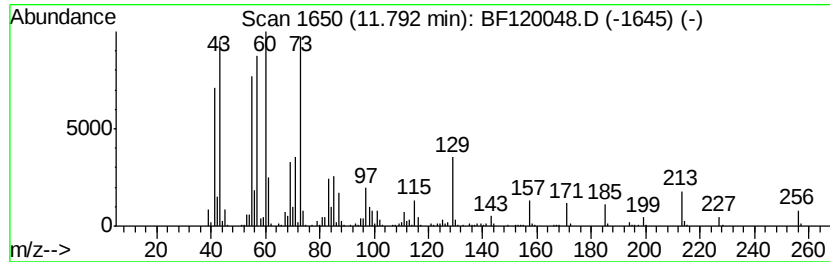
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.06 ng	920902	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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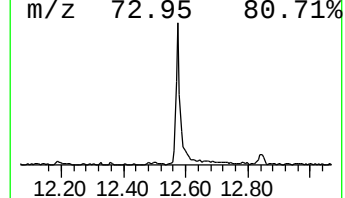
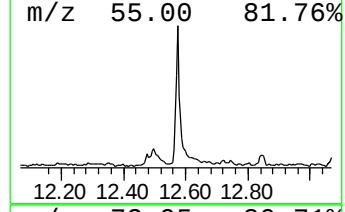
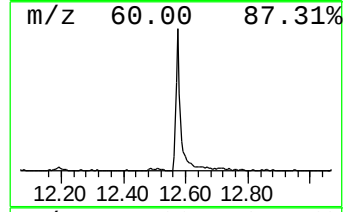
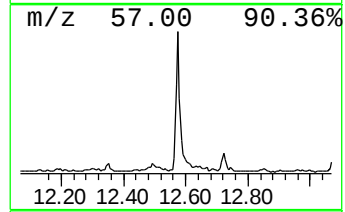
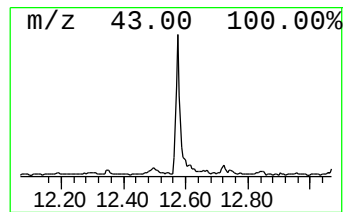
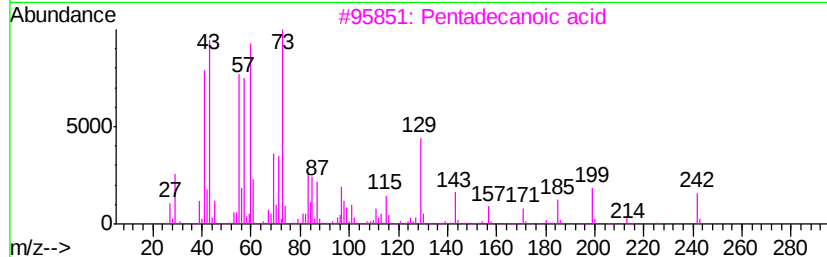
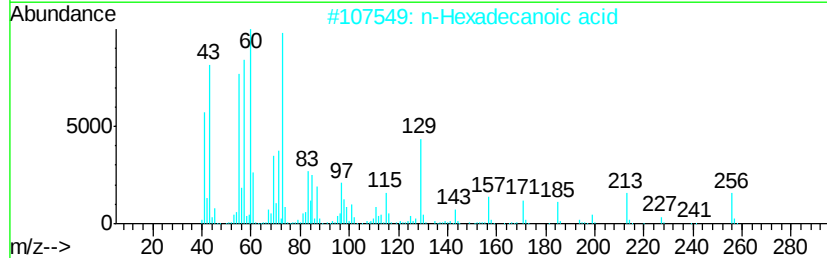
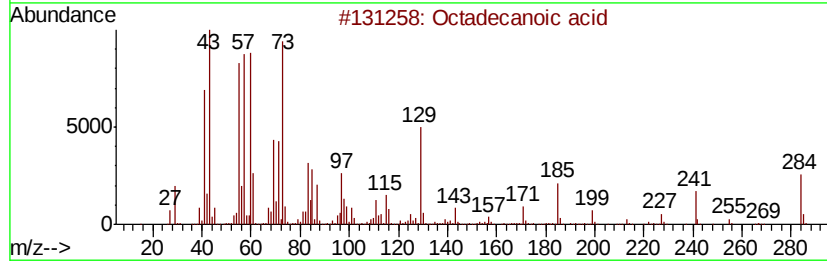
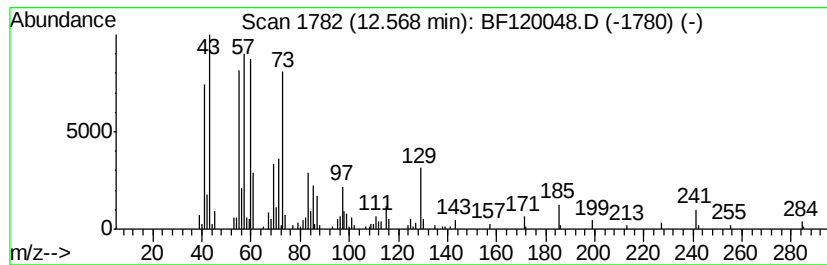
Instrument :
BNA_F
ClientSampleId :
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.57	6.12 ng	448391	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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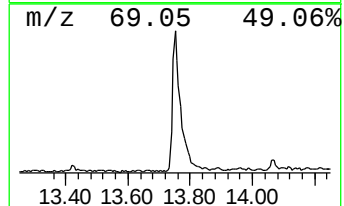
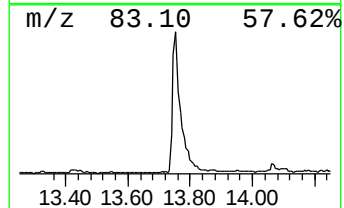
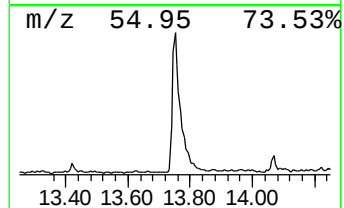
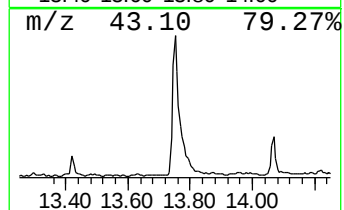
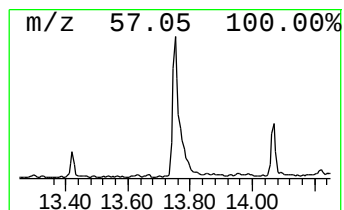
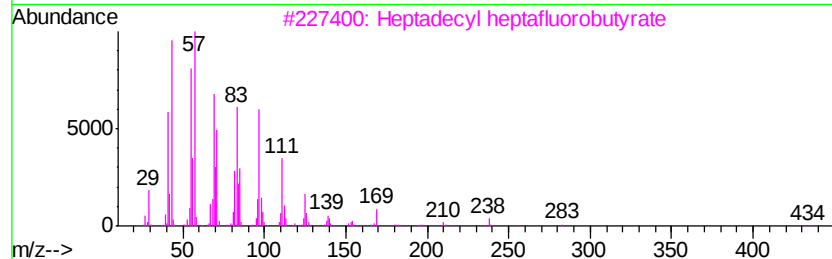
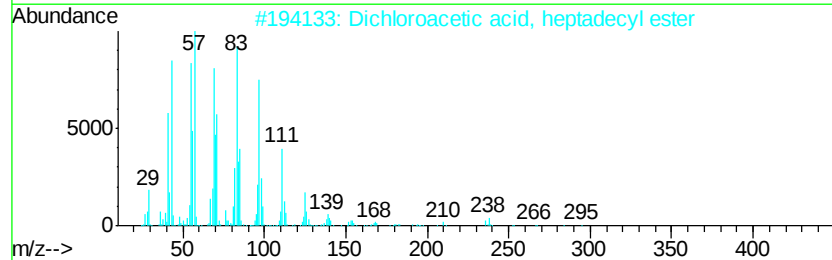
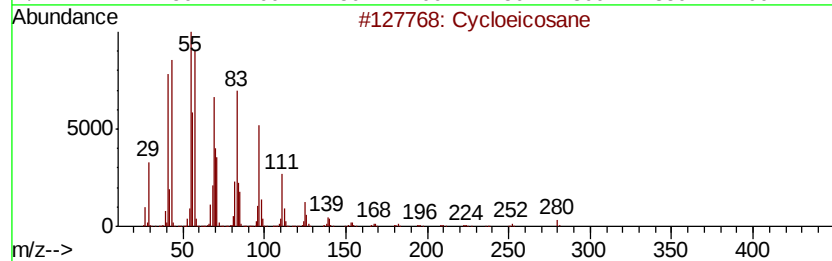
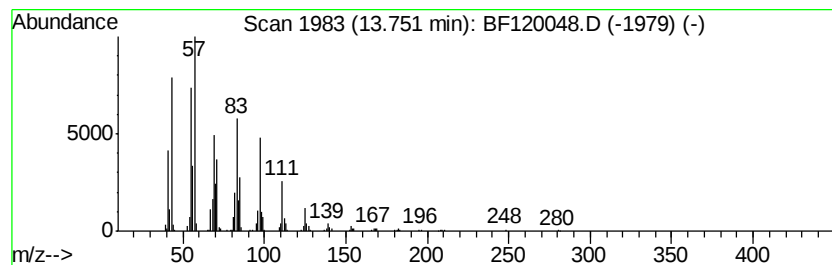
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Peak Number 4 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	14.93 ng	1094950	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloeicosane	280	C20H40	000296-56-0	96
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	91
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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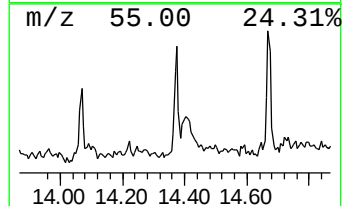
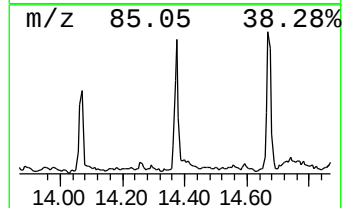
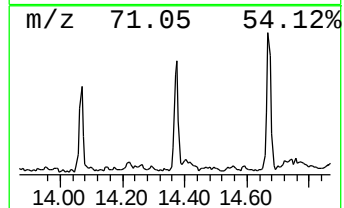
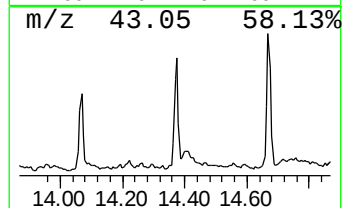
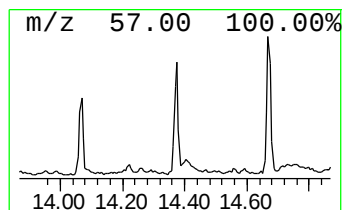
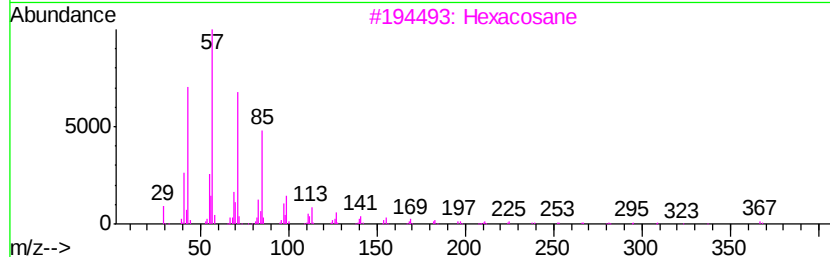
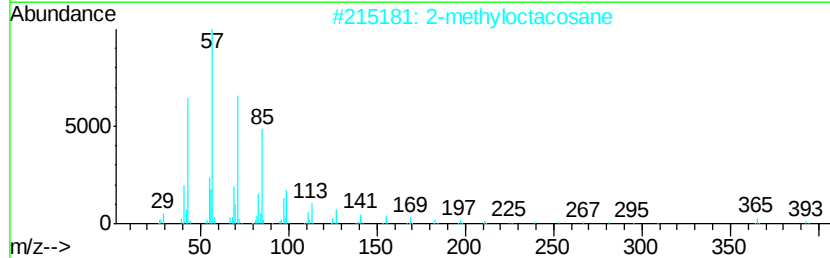
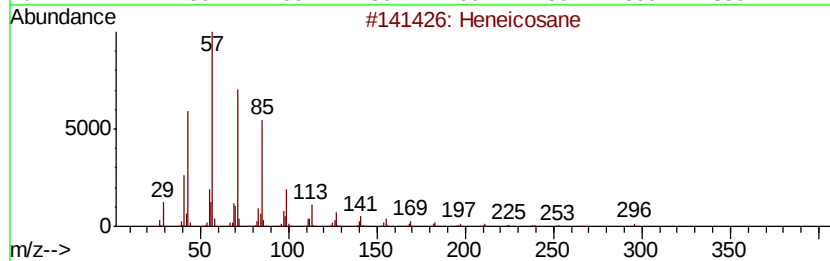
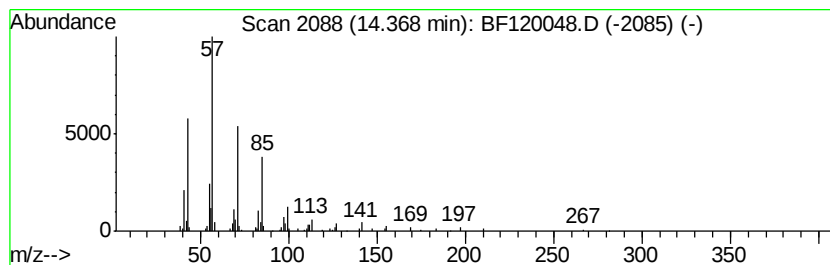
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Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.24 ng	164571	Chrysene-d12	13.89

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	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	Hexadecane		226	C16H34	000544-76-3	87
5	Octadecane		254	C18H38	000593-45-3	87



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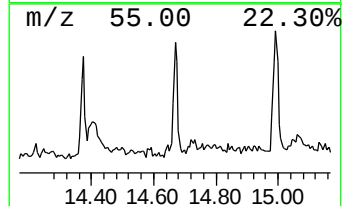
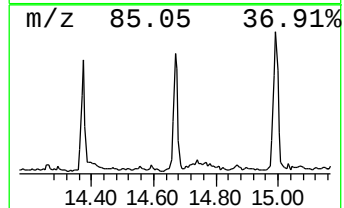
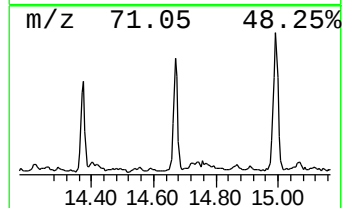
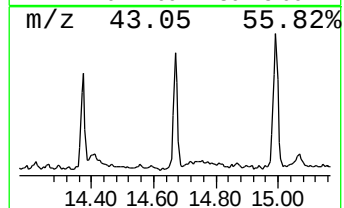
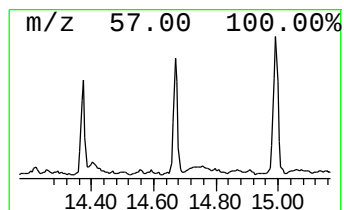
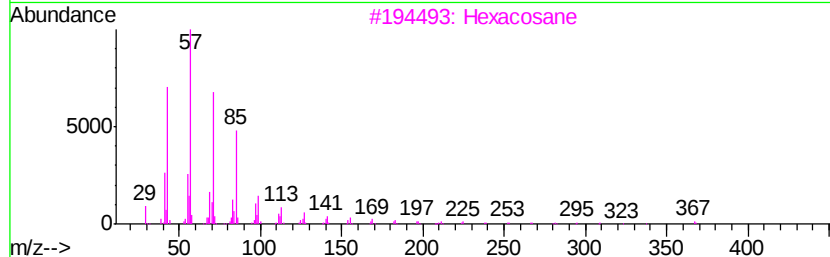
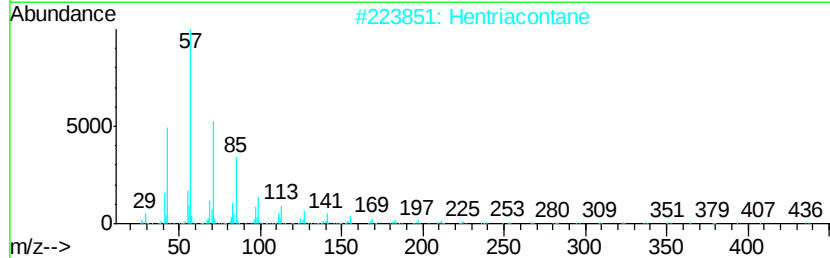
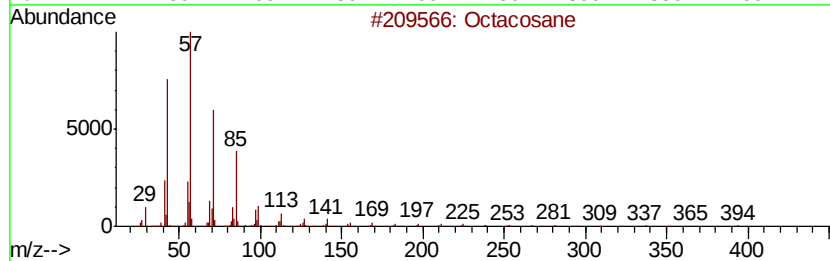
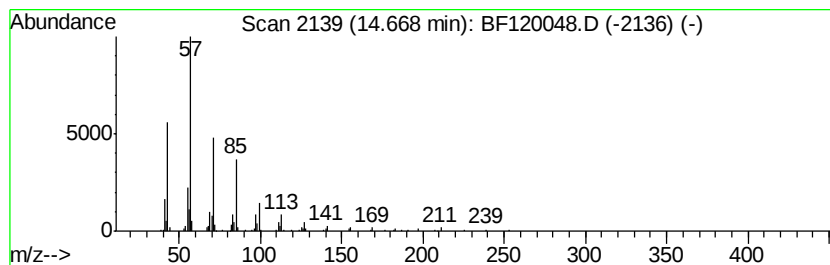
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.96 ng	203122	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexatriacontane		507	C36H74	000630-06-8	87



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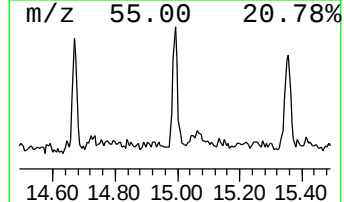
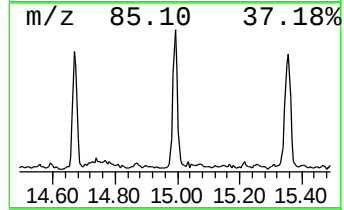
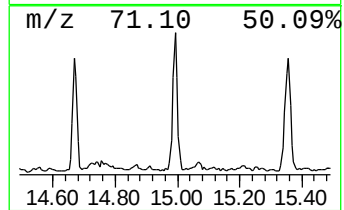
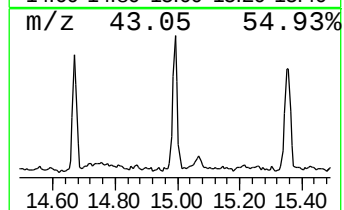
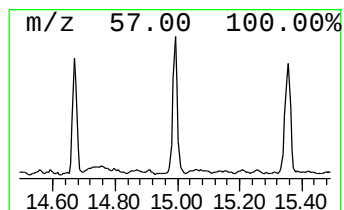
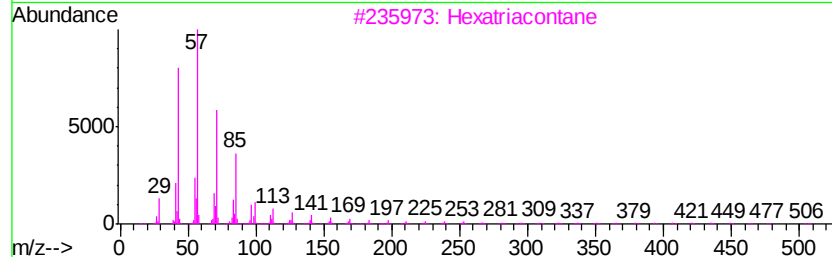
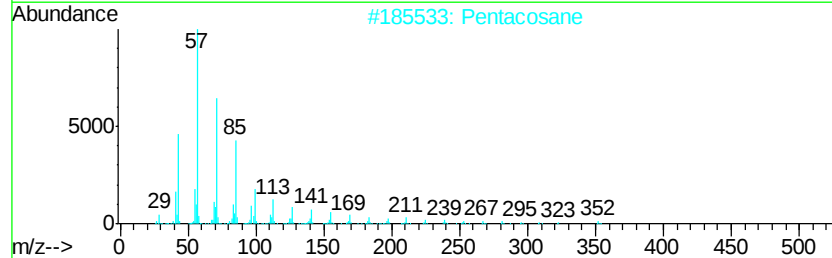
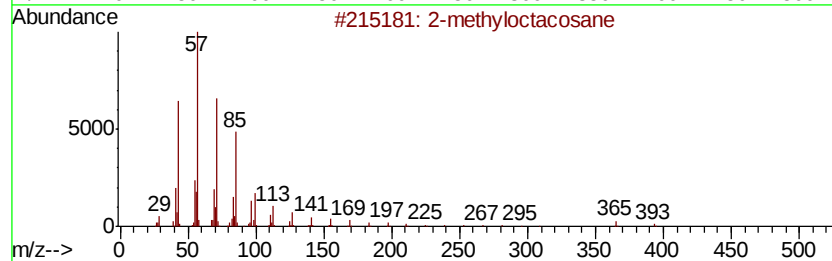
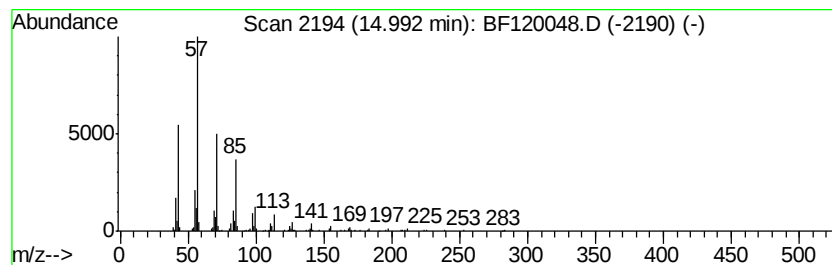
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.04 ng	277445	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Pentacosane		352	C25H52	000629-99-2	91
3	Hexatriacontane		507	C36H74	000630-06-8	91
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120048.D
Acq On : 17 Apr 2020 10:18
Operator : MA/SJ
Sample : L2283-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-5

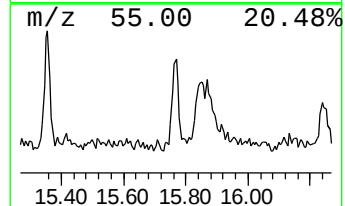
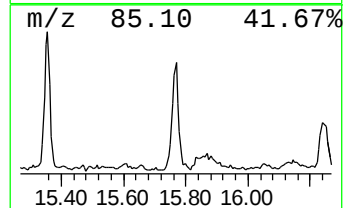
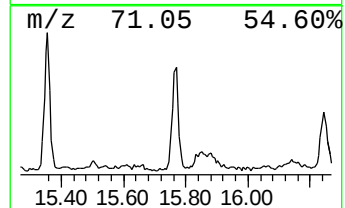
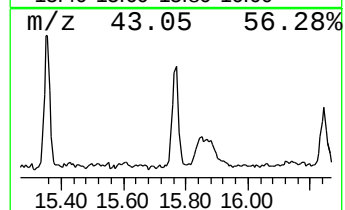
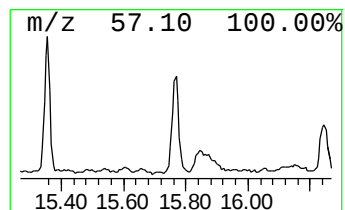
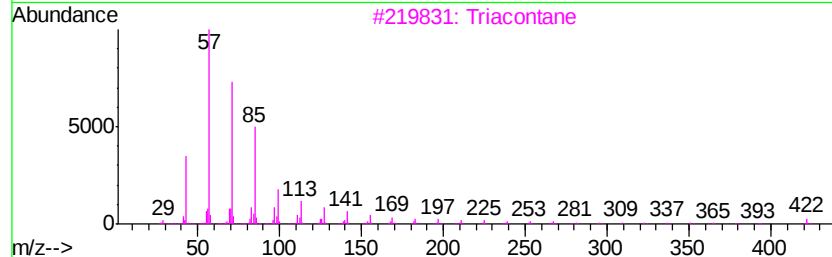
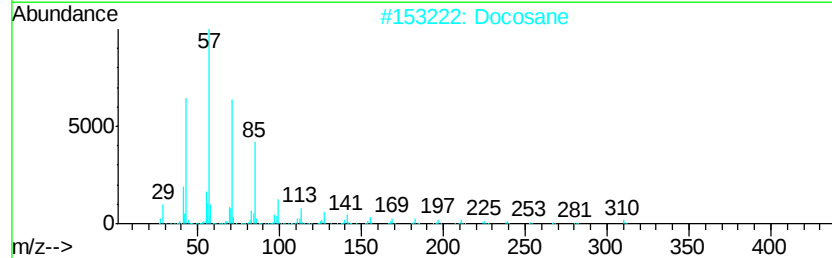
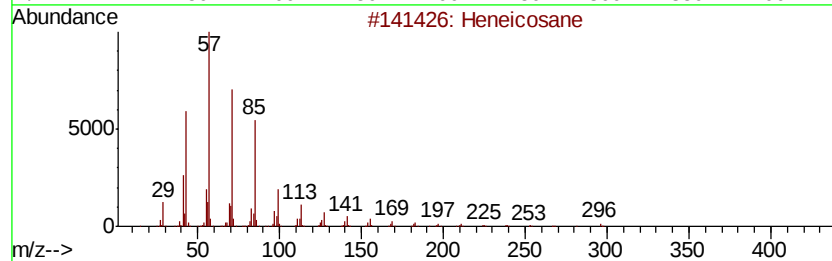
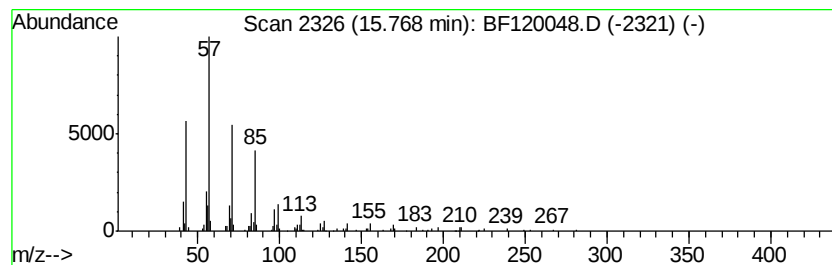
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.32 ng	227671	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Docosane		310	C22H46	000629-97-0	90
3	Triacontane		422	C30H62	000638-68-6	87
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
Data File : BF120048.D
Acq On : 17 Apr 2020 10:18
Operator : MA/SJ
Sample : L2283-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-5

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
n-Hexadecanoic acid	11.79	11.1 ng		920902	4	11.25	1664970	20.0
Octadecanoic acid	12.57	6.1 ng		448391	5	13.89	1466320	20.0
Cycloeicosane	13.75	14.9 ng		1094950	5	13.89	1466320	20.0
Heneicosane	14.37	2.2 ng		164571	5	13.89	1466320	20.0
Octacosane	14.67	3.0 ng		203122	6	15.32	1372470	20.0
2-methyloctacosane	14.99	4.0 ng		277445	6	15.32	1372470	20.0
Docosane	15.77	3.3 ng		227671	6	15.32	1372470	20.0