

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
 Data File : BF120118.D
 Acq On : 21 Apr 2020 22:29
 Operator : MA/SJ
 Sample : L2327-29
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

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	5.287	540	544	557	rVB	2714976	2715859	82.97%	11.590%
2	6.334	718	722	725	rBV	2929158	2720158	83.10%	11.608%
3	6.692	779	783	786	rBV	577465	492442	15.04%	2.102%
4	6.845	805	809	813	rBV	2492887	2236282	68.32%	9.543%
5	7.257	875	879	882	rBV	2088839	1811067	55.33%	7.729%
6	7.975	998	1001	1004	rBV	785256	644199	19.68%	2.749%
7	9.057	1181	1185	1188	rBV	3894251	3273455	100.00%	13.970%
8	9.451	1249	1252	1256	rBV	602582	489688	14.96%	2.090%
9	9.733	1296	1300	1303	rBV	923709	685222	20.93%	2.924%
10	10.522	1430	1434	1438	rBV	2109948	1858173	56.76%	7.930%
11	11.216	1549	1552	1555	rBV	811314	656874	20.07%	2.803%
12	11.757	1640	1644	1650	rBV	462990	449955	13.75%	1.920%
13	12.427	1755	1758	1761	rBV	106729	111931	3.42%	0.478%
14	12.545	1775	1778	1785	rBV	306201	323882	9.89%	1.382%
15	12.657	1792	1797	1800	rBV	144337	144128	4.40%	0.615%
16	12.692	1800	1803	1813	rVV	139100	181234	5.54%	0.773%
17	12.810	1819	1823	1826	rBV	3010902	2524610	77.12%	10.774%
18	13.721	1976	1978	1983	rVB2	135123	151026	4.61%	0.645%
19	13.857	1997	2001	2004	rBV	606842	619329	18.92%	2.643%
20	14.039	2029	2032	2035	rBV	87659	93943	2.87%	0.401%
21	14.339	2081	2083	2086	rBV	116522	119655	3.66%	0.511%
22	14.639	2131	2134	2137	rBV	178195	161044	4.92%	0.687%
23	14.957	2185	2188	2193	rVB	199582	209676	6.41%	0.895%
24	15.274	2239	2242	2246	rBV	328284	409555	12.51%	1.748%
25	15.315	2246	2249	2252	rVB2	155534	177476	5.42%	0.757%
26	15.721	2315	2318	2323	rVB	128462	171984	5.25%	0.734%

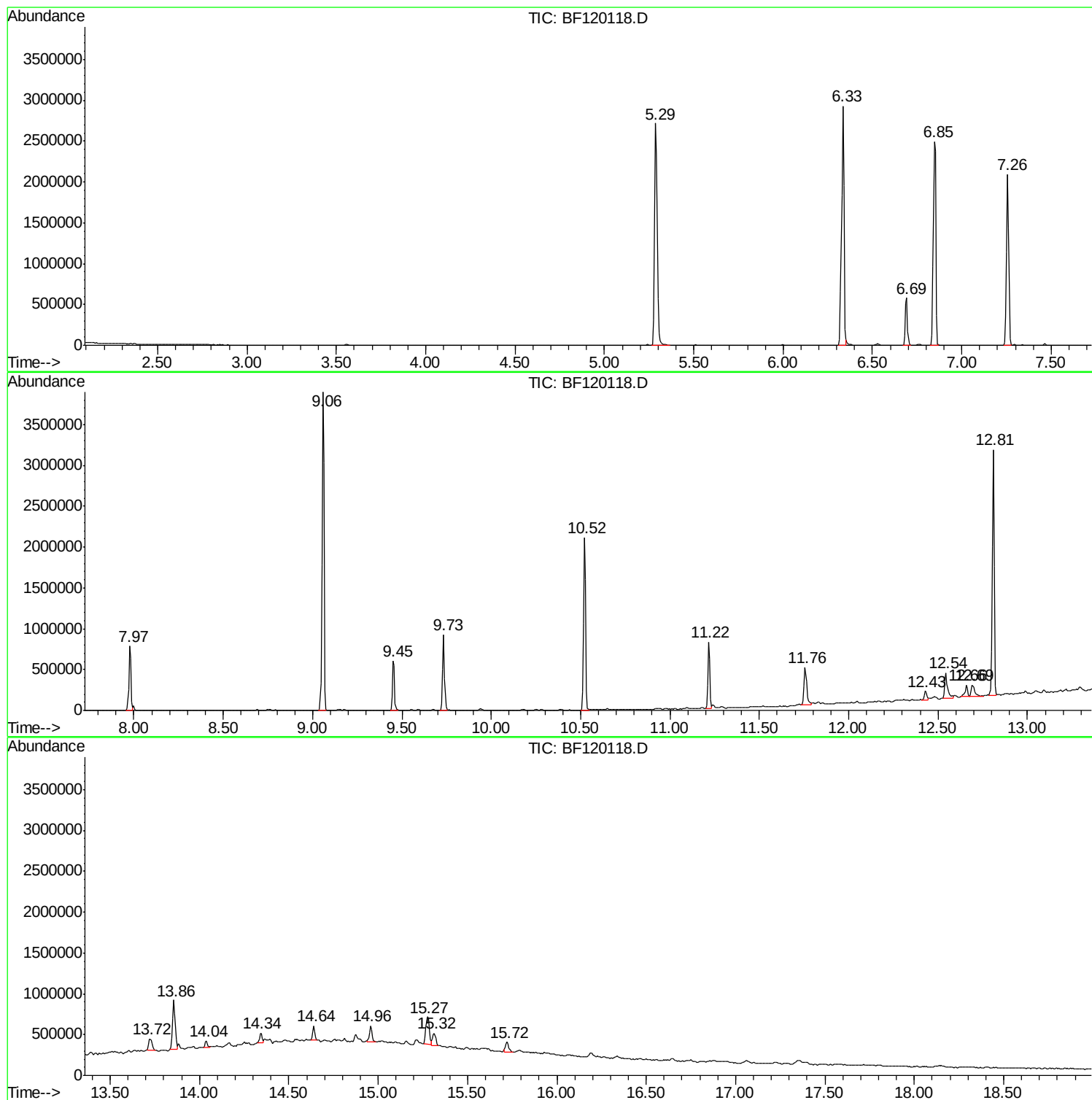
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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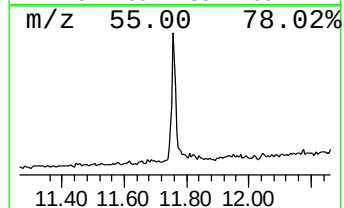
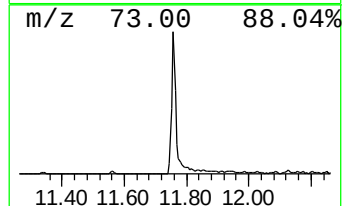
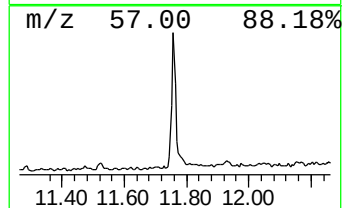
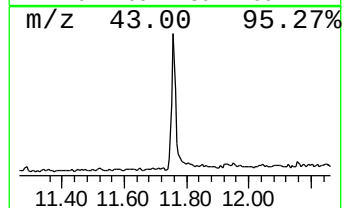
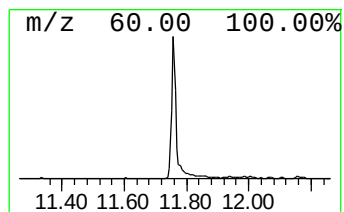
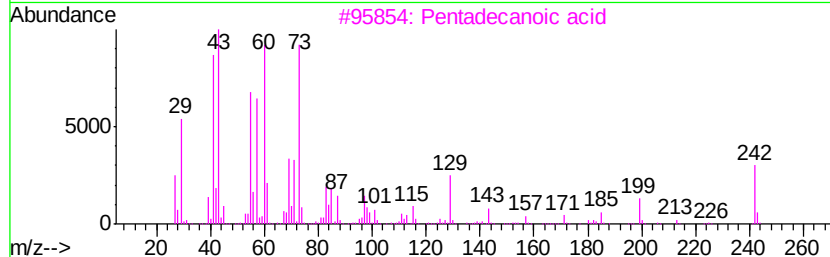
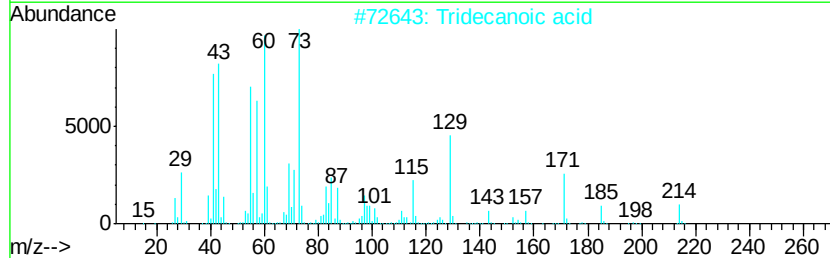
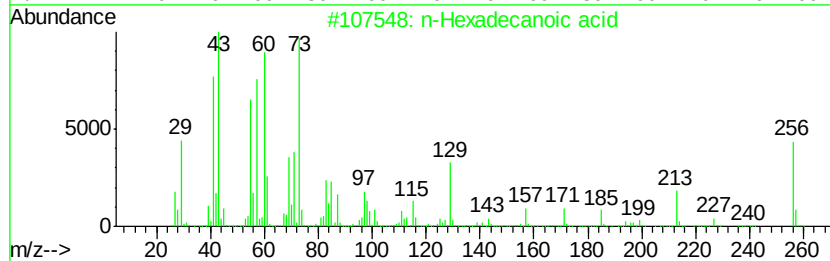
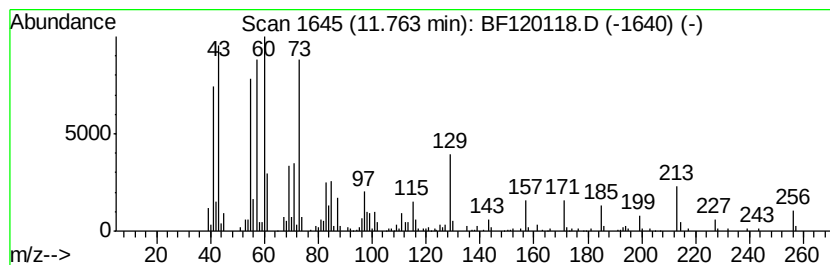
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	13.70 ng	449955	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	68



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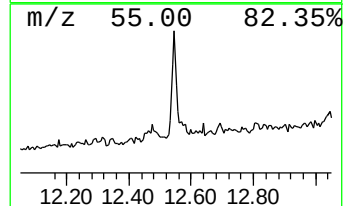
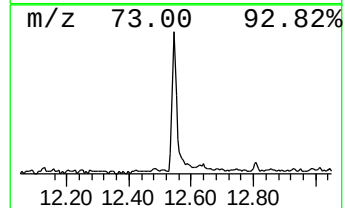
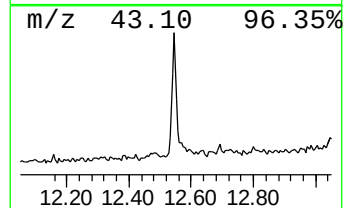
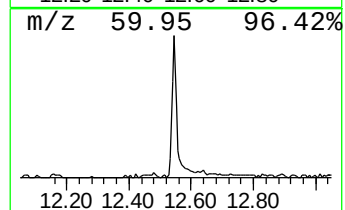
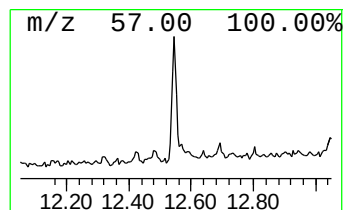
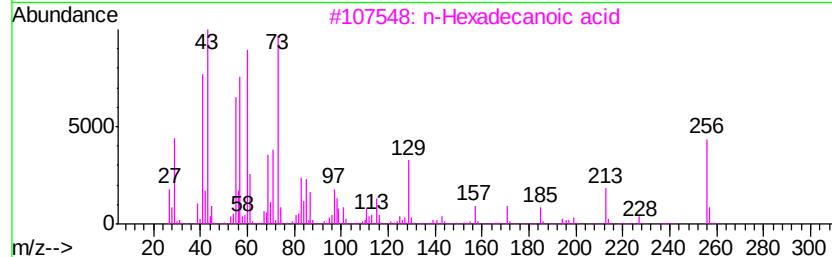
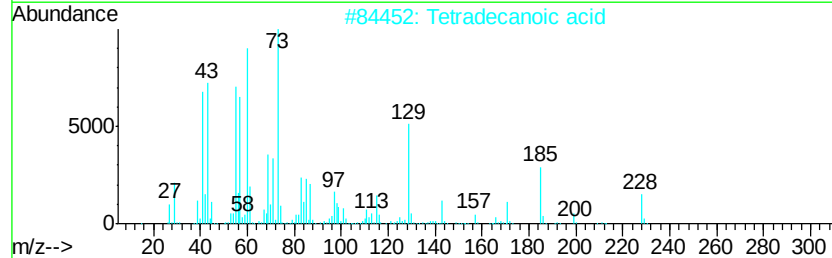
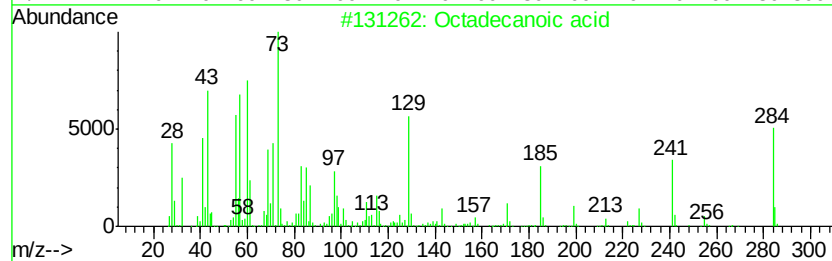
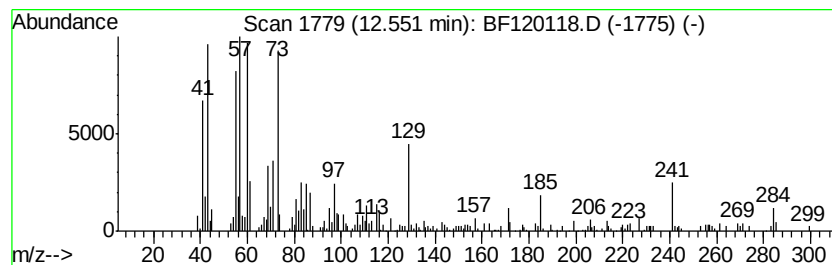
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.55	10.46 ng	323882	Chrysene-d12		13.86	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



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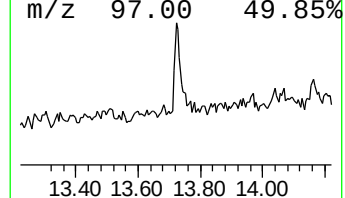
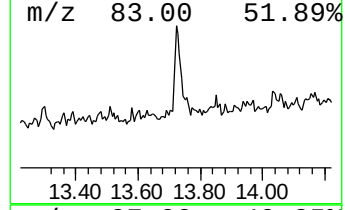
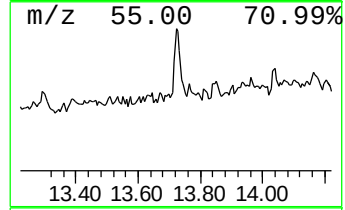
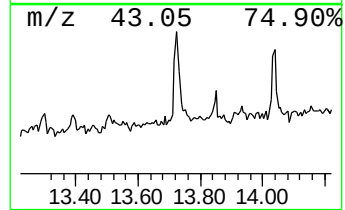
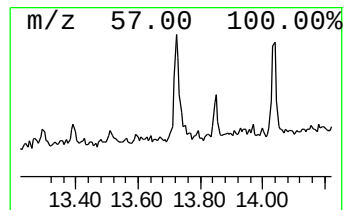
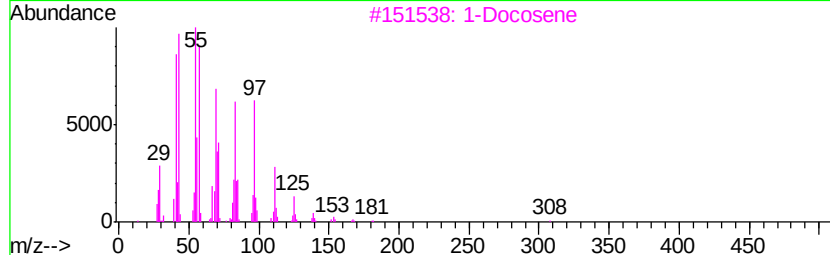
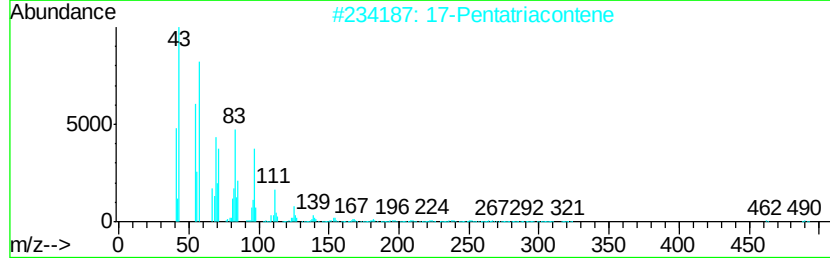
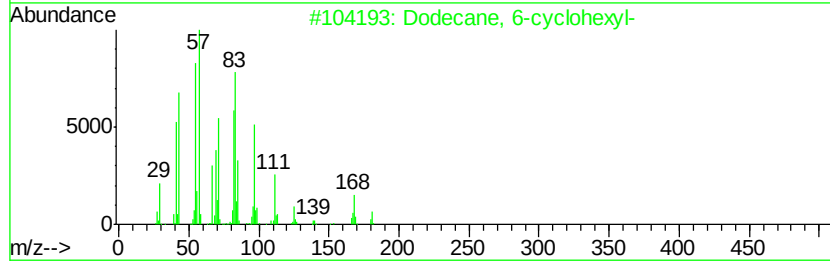
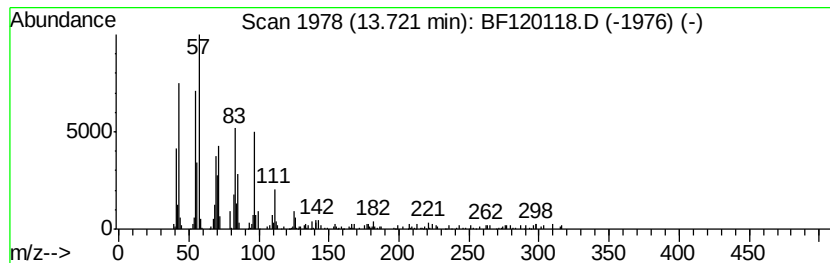
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 6-cyclohexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.72	4.88 ng	151026	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	80
2	17-Pentatriacontene	491	C35H70	006971-40-0	64
3	1-Docosene	308	C22H44	001599-67-3	49
4	Cycloheptane, methyl-	112	C8H16	004126-78-7	42
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	38



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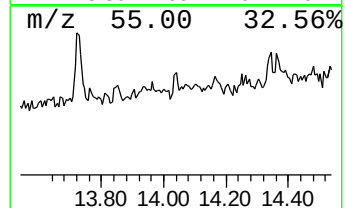
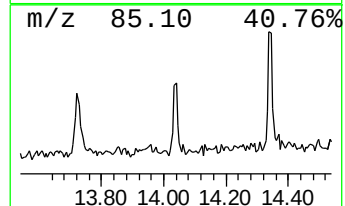
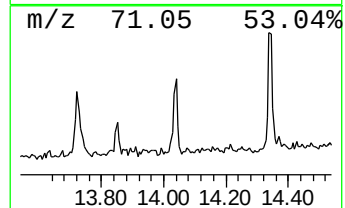
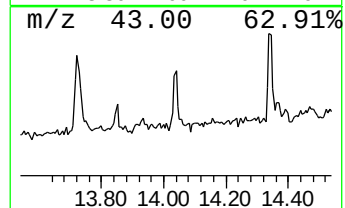
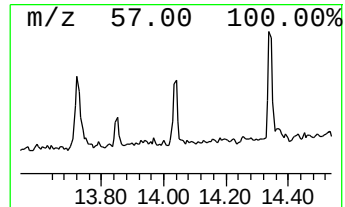
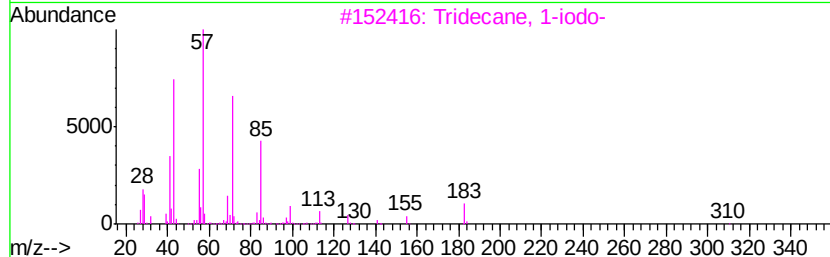
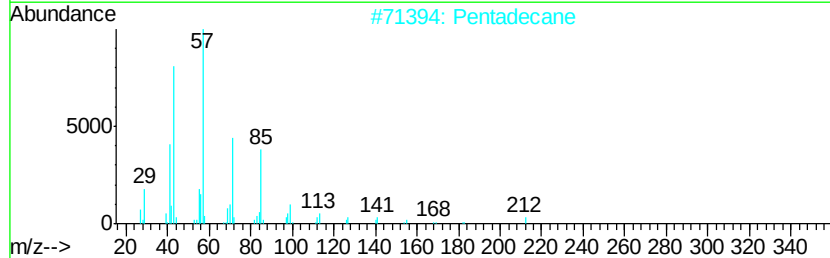
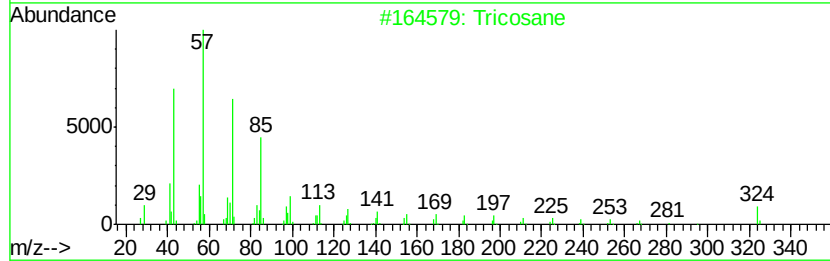
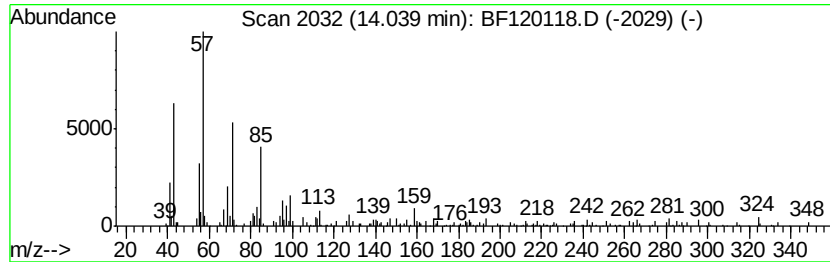
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.03 ng	93943	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	91
2	Pentadecane		212	C15H32	000629-62-9	68
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	68
4	Bacchotricuneatin c		342	C20H22O5	066563-30-2	60
5	Heptacosane		380	C27H56	000593-49-7	52



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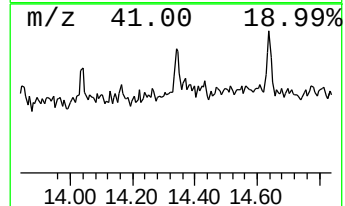
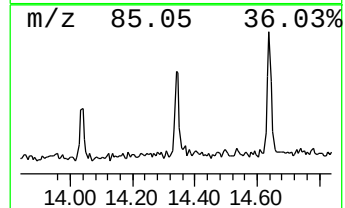
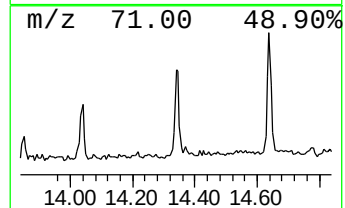
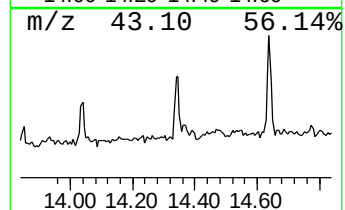
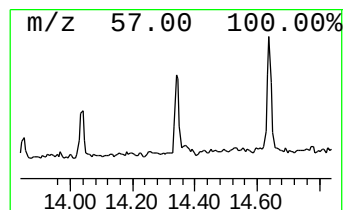
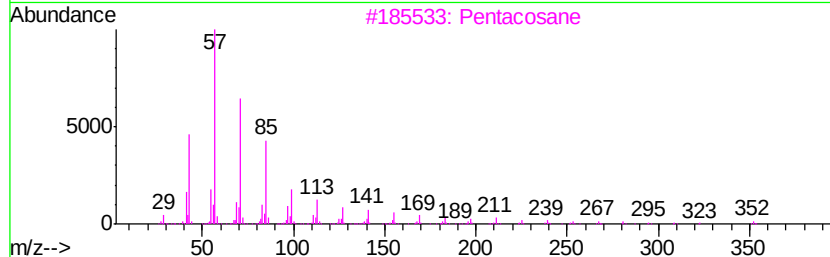
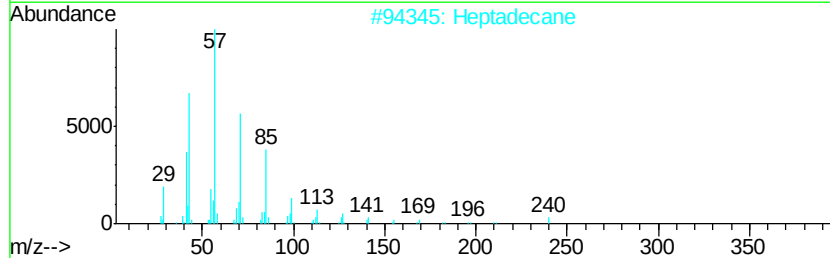
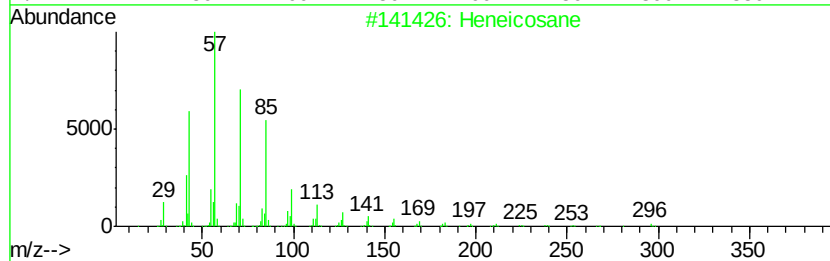
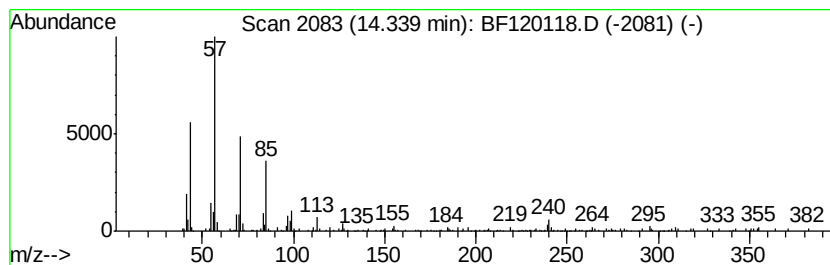
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.86 ng	119655	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane	240	C17H36	000629-78-7	87
3	Pentacosane	352	C25H52	000629-99-2	81
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
5	Heptacosane	380	C27H56	000593-49-7	74



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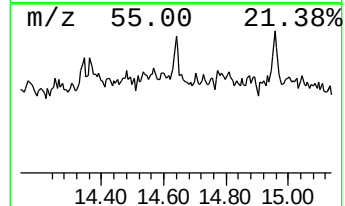
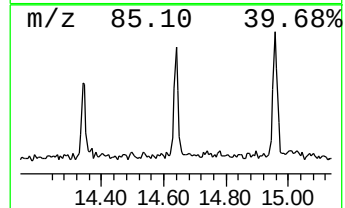
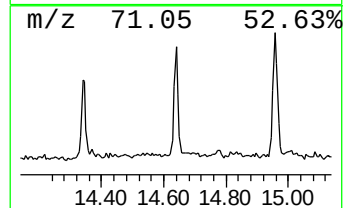
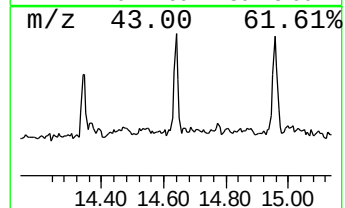
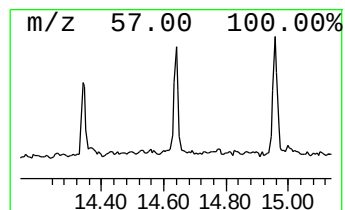
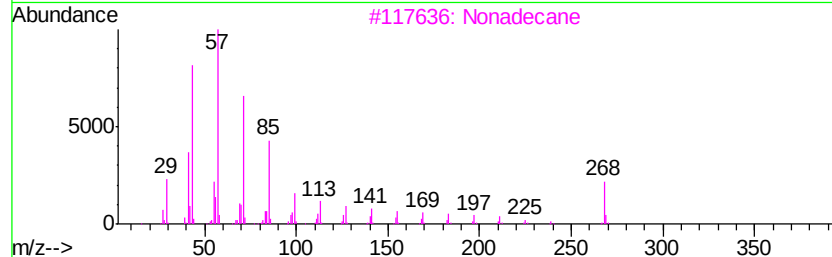
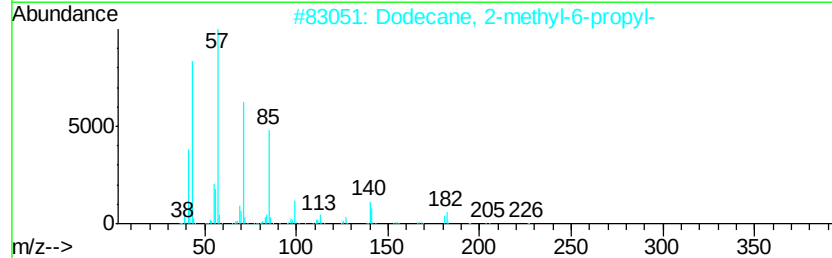
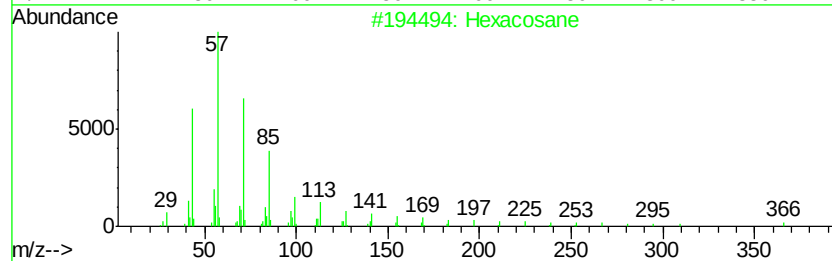
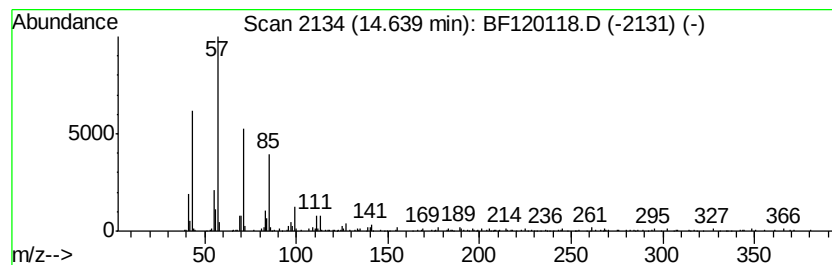
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

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 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.64	7.86 ng	161044	Perylene-d12		15.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
5	1-Iodoundecane	282	C11H23I	004282-44-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120118.D
Acq On : 21 Apr 2020 22:29
Operator : MA/SJ
Sample : L2327-29
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-S

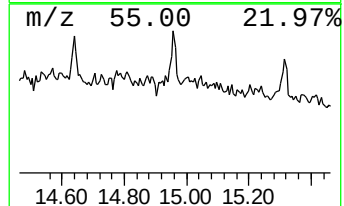
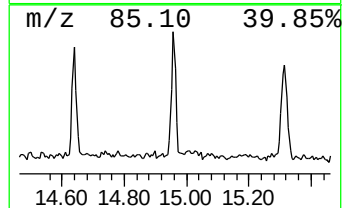
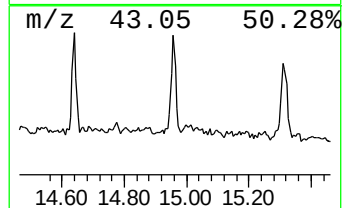
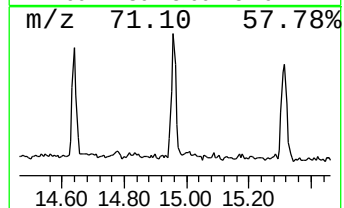
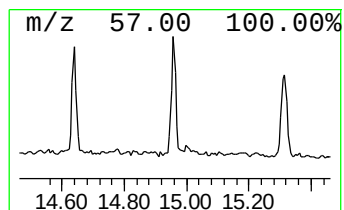
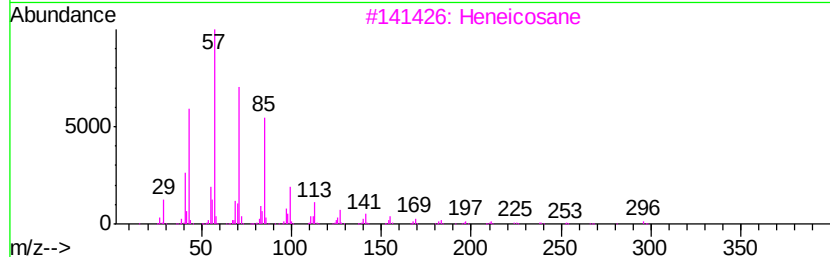
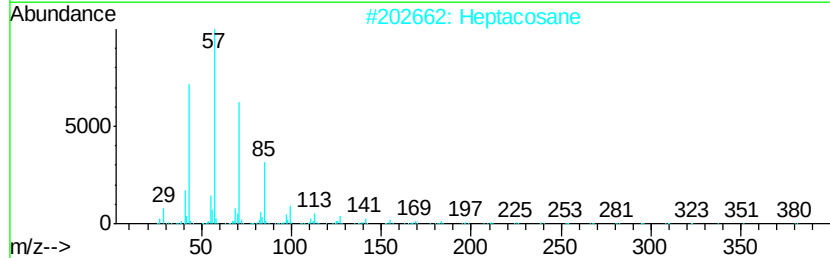
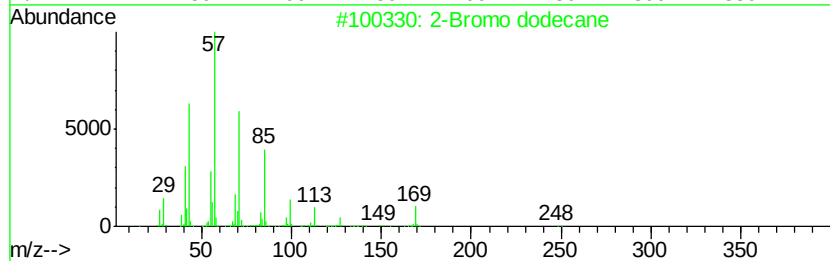
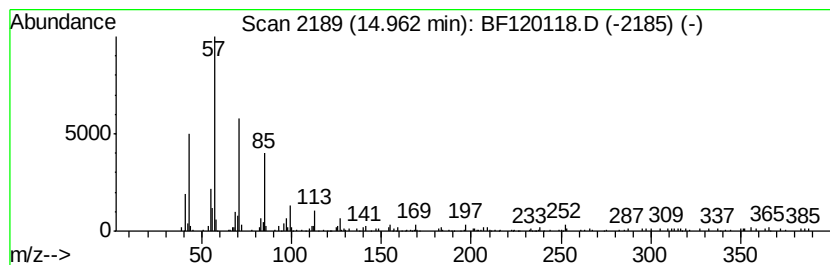
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	10.24 ng	209676	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	91
2	Heptacosane		380	C27H56	000593-49-7	87
3	Heneicosane		296	C21H44	000629-94-7	80
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	80
5	Tetracosane		338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120118.D
Acq On : 21 Apr 2020 22:29
Operator : MA/SJ
Sample : L2327-29
Misc :
ALS Vial : 22 Sample Multiplier: 1

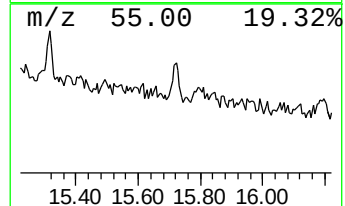
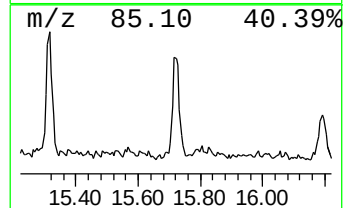
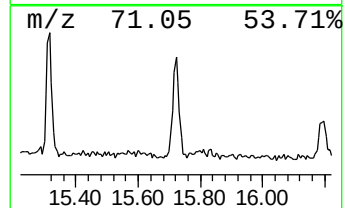
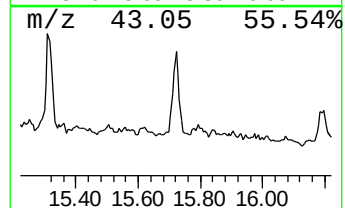
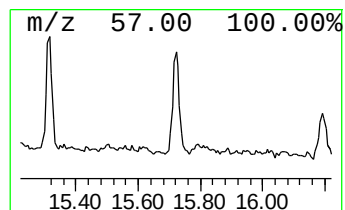
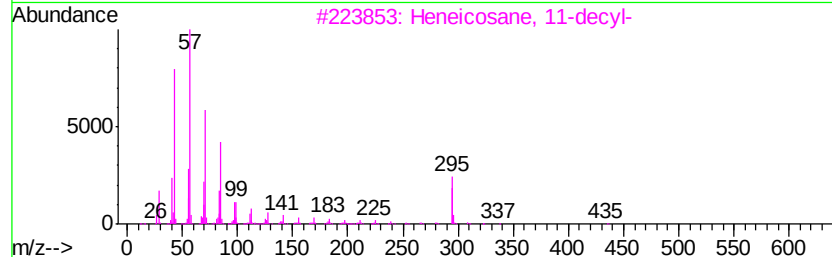
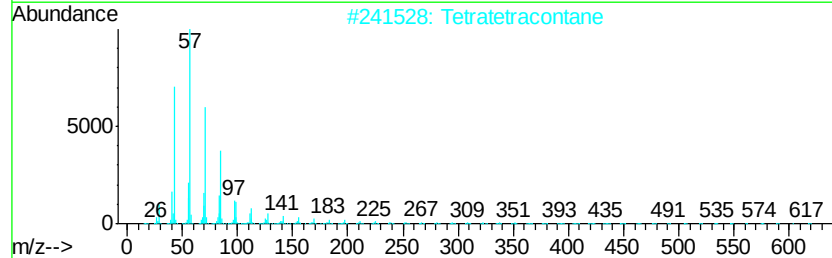
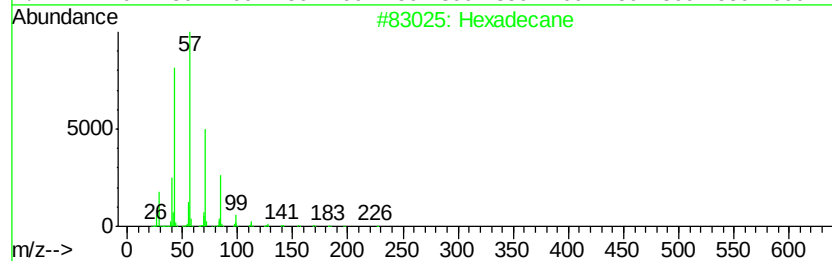
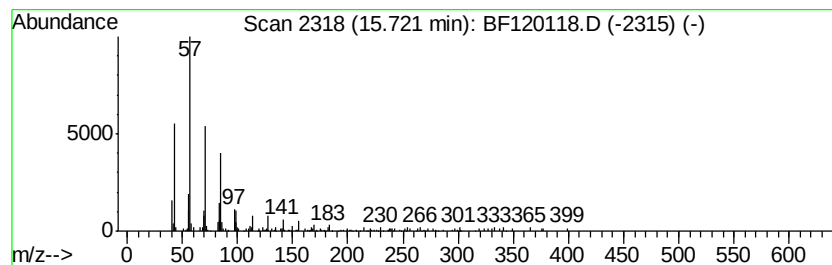
Instrument :
BNA_F
ClientSampleId :
TP-4-S

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 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.72	8.40 ng	171984	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
Data File : BF120118.D
Acq On : 21 Apr 2020 22:29
Operator : MA/SJ
Sample : L2327-29
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-S

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	11.76	13.7	ng	449955	4	11.22	656874	20.0
Octadecanoic acid	12.55	10.5	ng	323882	5	13.86	619329	20.0
Dodecane, 6-cyclo...	13.72	4.9	ng	151026	5	13.86	619329	20.0
Tricosane	14.04	3.0	ng	93943	5	13.86	619329	20.0
Heneicosane	14.34	3.9	ng	119655	5	13.86	619329	20.0
Hexacosane	14.64	7.9	ng	161044	6	15.27	409555	20.0
2-Bromo dodecane	14.96	10.2	ng	209676	6	15.27	409555	20.0
Hexadecane	15.72	8.4	ng	171984	6	15.27	409555	20.0