

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119863.D
 Acq On : 9 Apr 2020 9:27
 Operator : MA/SJ
 Sample : L2151-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-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-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	4.969	485	490	496	rVB	71175	85155	1.02%	0.170%
2	5.375	555	559	563	rBV	2899211	2894407	34.76%	5.764%
3	6.393	728	732	744	rBV	1881912	1748626	21.00%	3.482%
4	6.763	791	795	799	rBV	1436797	1186112	14.24%	2.362%
5	6.922	817	822	826	rBV	4950772	5034627	60.46%	10.025%
6	7.334	885	892	895	rBV	3898484	4632874	55.64%	9.225%
7	8.051	1009	1014	1017	rBV	1795255	1581726	19.00%	3.150%
8	9.134	1192	1198	1201	rBV	7523053	8067929	96.89%	16.065%
9	9.522	1260	1264	1267	rBV	479623	364819	4.38%	0.726%
10	9.810	1307	1313	1316	rBV	2066480	1906249	22.89%	3.796%
11	10.604	1441	1448	1451	rBV	5133172	5378595	64.59%	10.710%
12	11.292	1561	1565	1569	rBV	2102244	1907714	22.91%	3.799%
13	11.833	1652	1657	1672	rBV	1148219	1199255	14.40%	2.388%
14	12.616	1786	1790	1803	rBV	422340	431943	5.19%	0.860%
15	12.892	1831	1837	1840	rBV	7162531	8326783	100.00%	16.581%
16	13.369	1915	1918	1923	rVB	168744	166268	2.00%	0.331%
17	13.792	1986	1990	2001	rVB	805943	986623	11.85%	1.965%
18	13.933	2010	2014	2018	rBV	1665486	1528659	18.36%	3.044%
19	14.110	2041	2044	2051	rVB	125006	131443	1.58%	0.262%
20	14.416	2092	2096	2107	rBV	169398	239029	2.87%	0.476%
21	14.716	2143	2147	2151	rVB	200681	197764	2.38%	0.394%
22	15.039	2198	2202	2207	rBV	225102	268536	3.22%	0.535%
23	15.374	2253	2259	2262	rBV	919862	1142874	13.73%	2.276%
24	15.410	2262	2265	2272	rVB	185576	221238	2.66%	0.441%
25	15.833	2332	2337	2342	rVV	131066	185890	2.23%	0.370%
26	15.898	2343	2348	2366	rVB7	90946	280480	3.37%	0.559%
27	16.321	2414	2420	2424	rBV	62870	123407	1.48%	0.246%

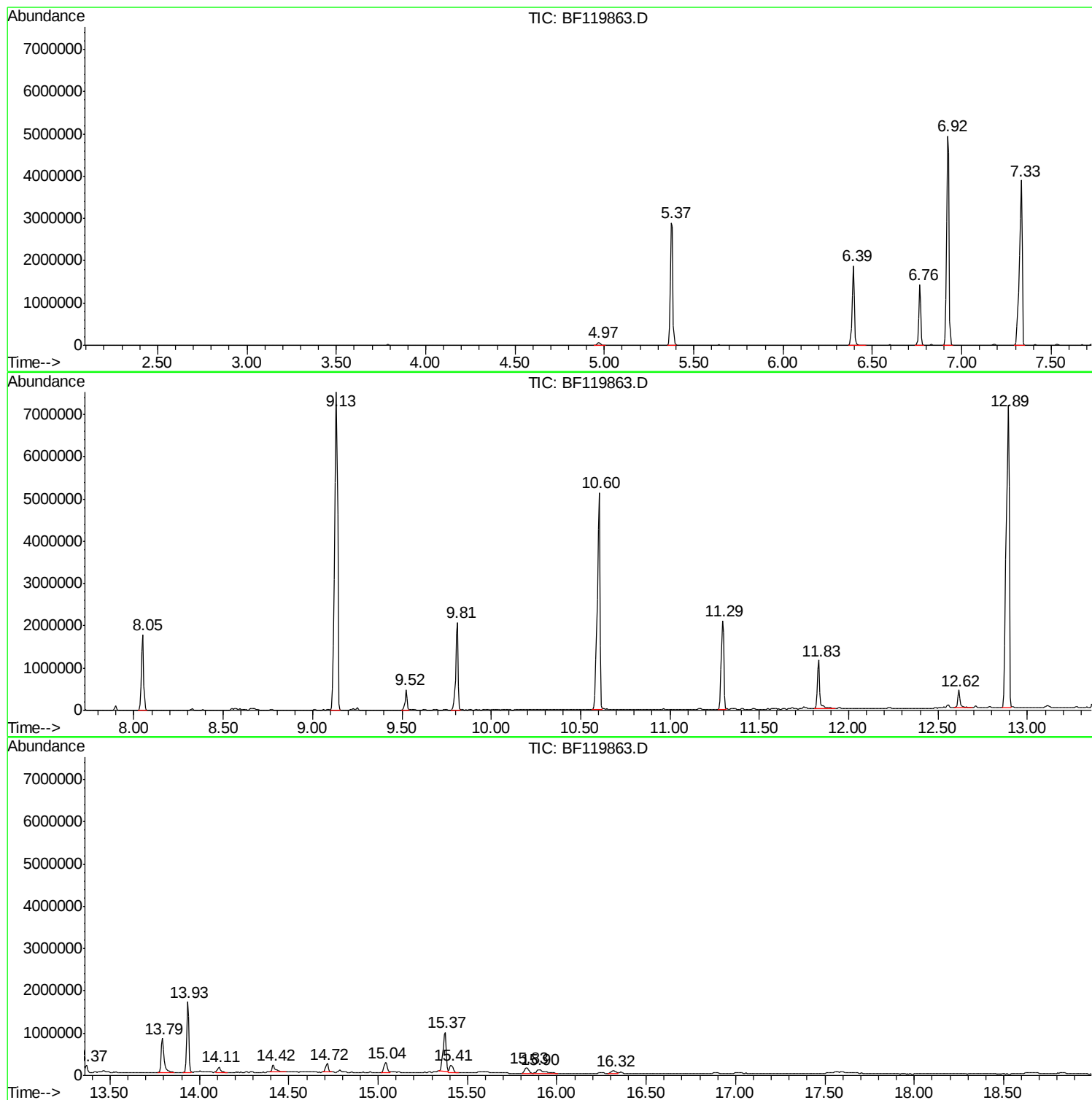
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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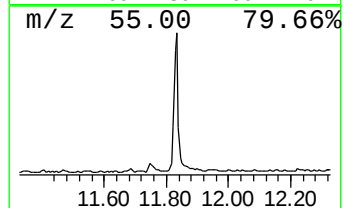
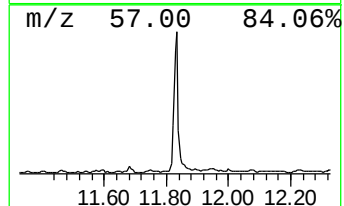
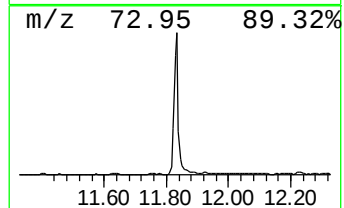
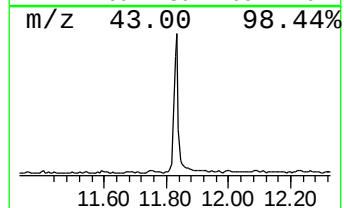
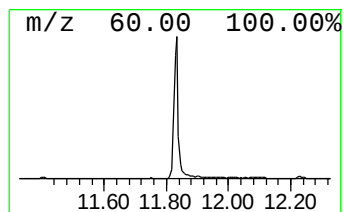
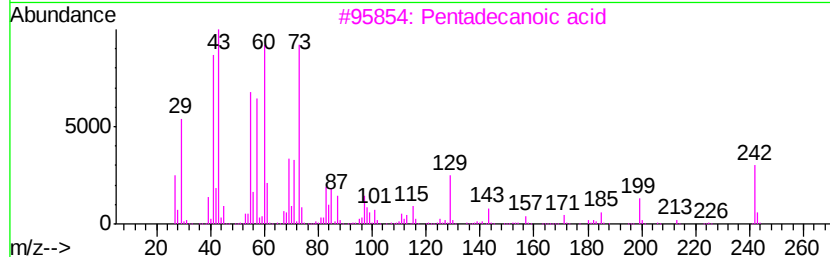
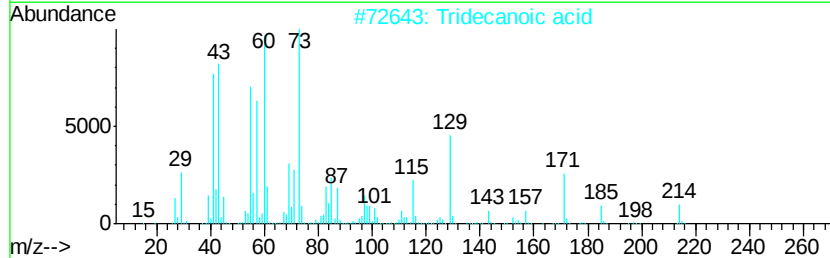
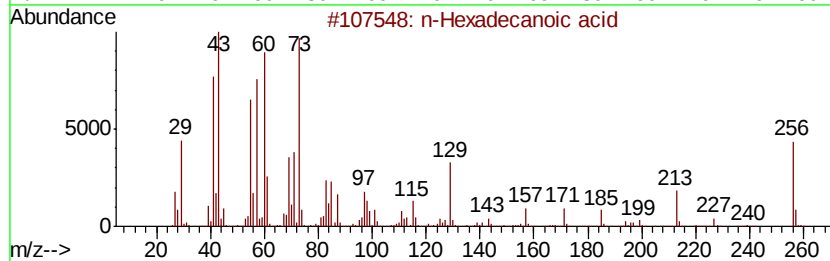
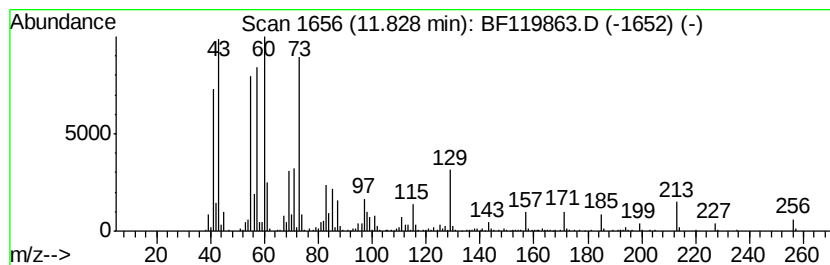
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	12.57 ng	1199260	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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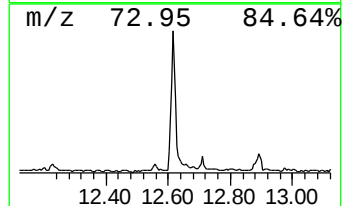
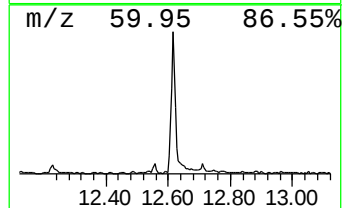
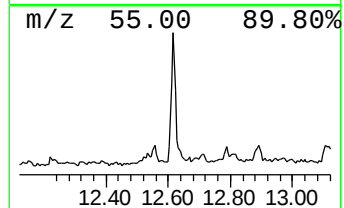
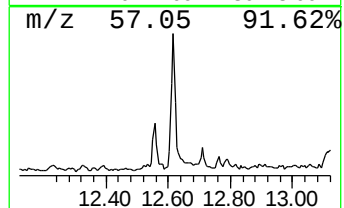
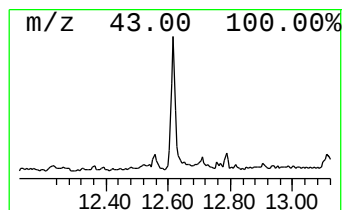
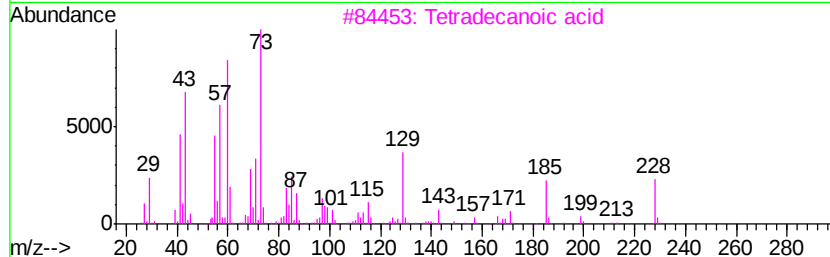
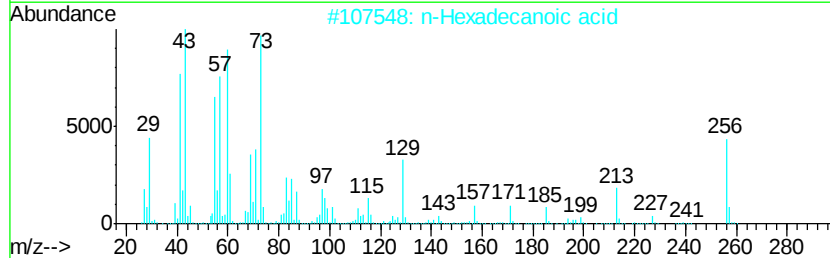
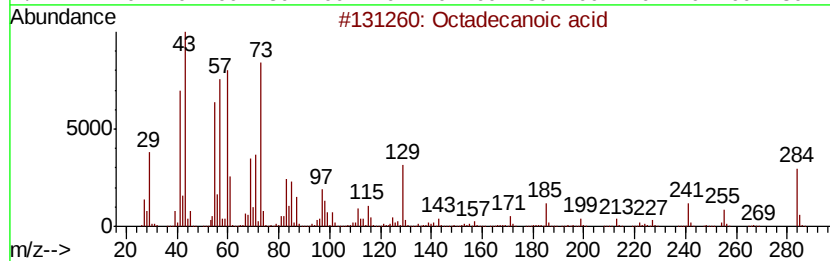
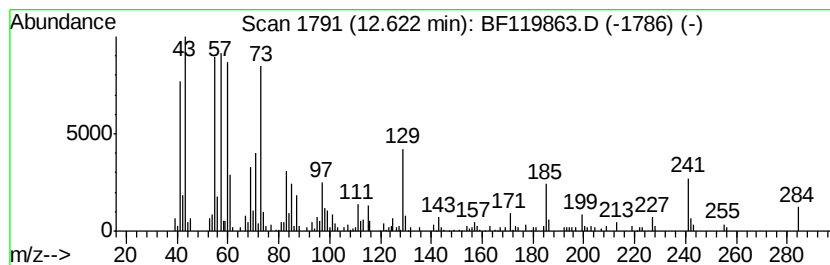
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.62	5.65 ng	431943	Chrysene-d12		13.93
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	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Heptanoic acid	130	C7H14O2	000111-14-8	38



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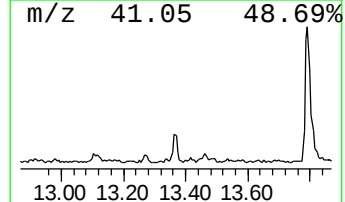
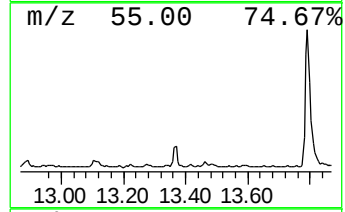
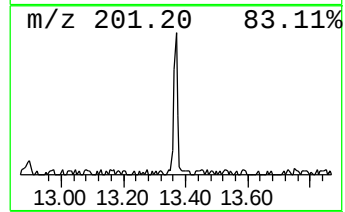
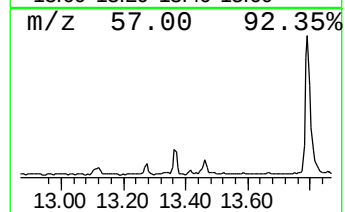
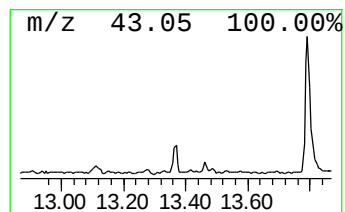
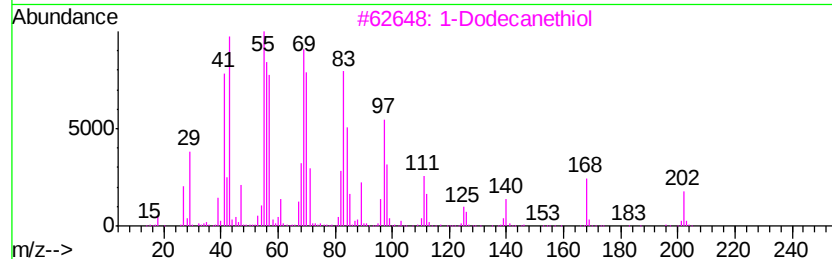
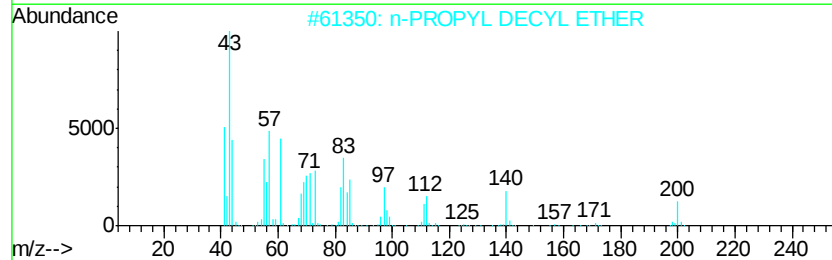
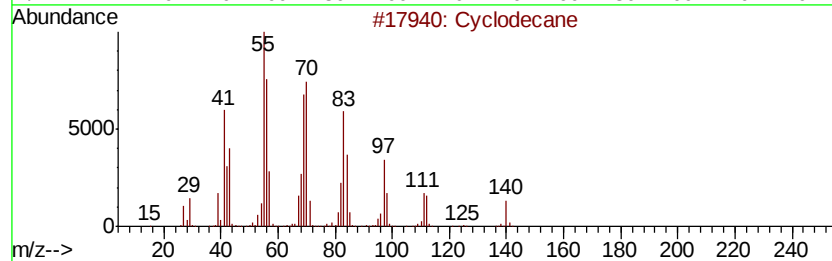
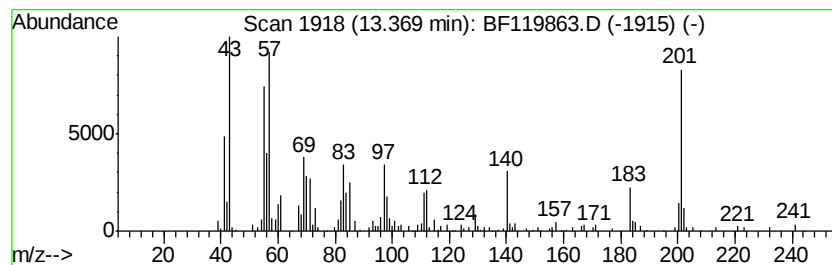
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Peak Number 4 Cyclodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.18 ng	166268	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclodecane	140	C10H20	000293-96-9	50
2		n-PROPYL DECYL ETHER	200	C13H28O	1000130-70-3	46
3		1-Dodecanethiol	202	C12H26S	000112-55-0	30
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	25
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	25



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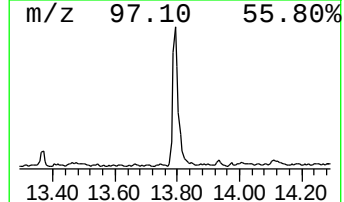
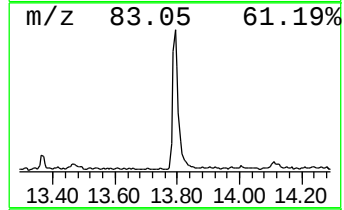
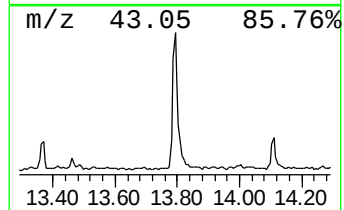
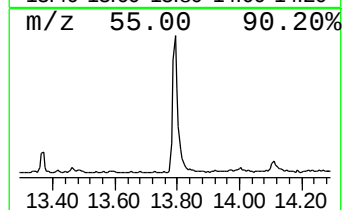
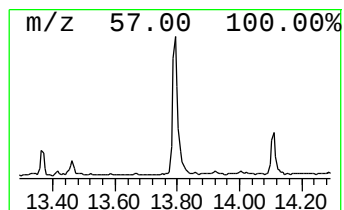
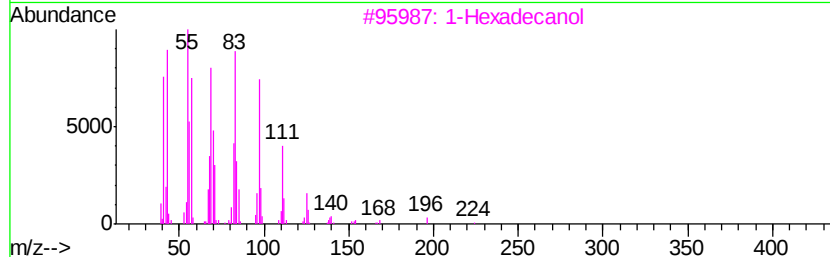
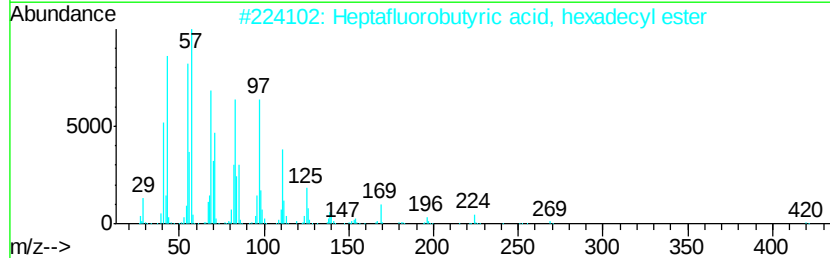
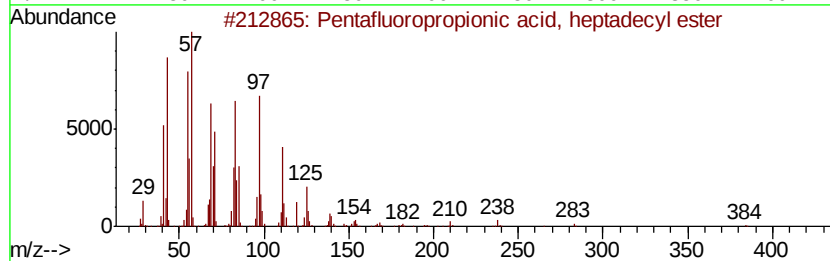
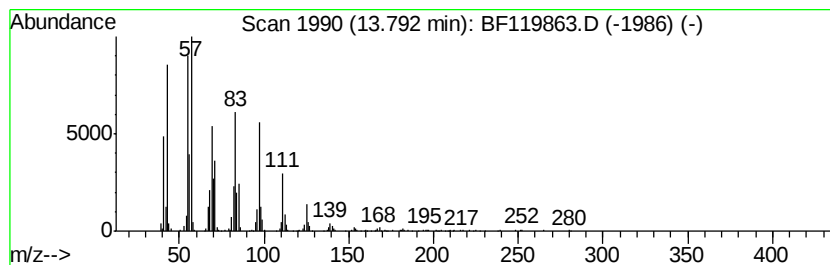
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	12.91 ng	986623	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3		1-Hexadecanol	242	C16H34O	036653-82-4	91
4		n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



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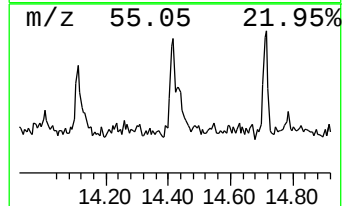
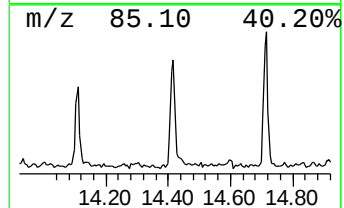
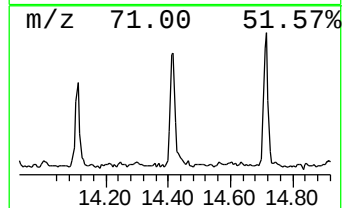
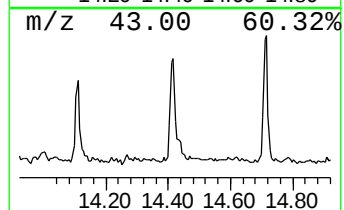
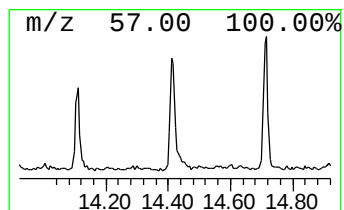
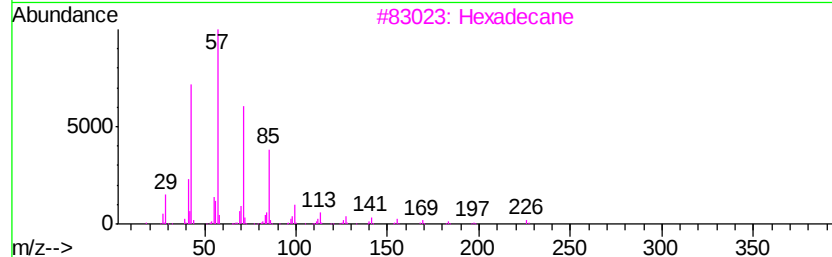
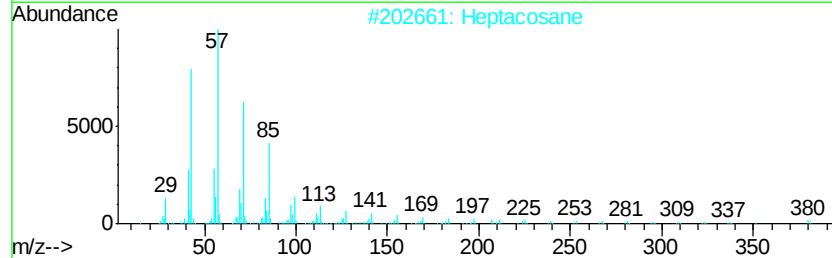
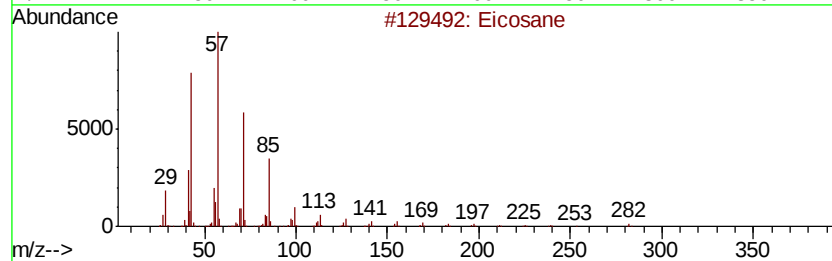
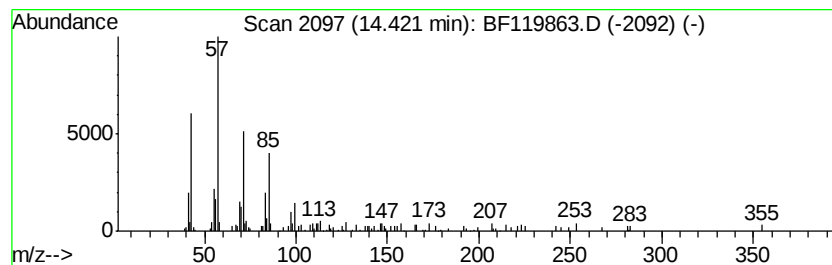
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.13 ng	239029	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	87
2	Heptacosane		380	C27H56	000593-49-7	87
3	Hexadecane		226	C16H34	000544-76-3	83
4	Pentadecane		212	C15H32	000629-62-9	83
5	Hexacosane		366	C26H54	000630-01-3	81



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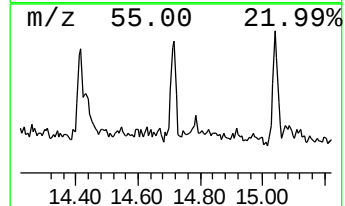
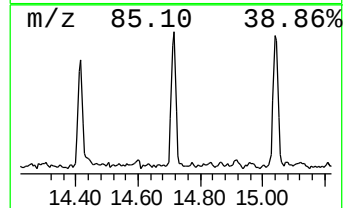
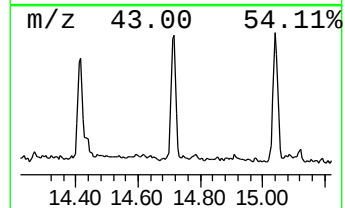
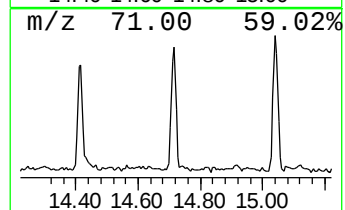
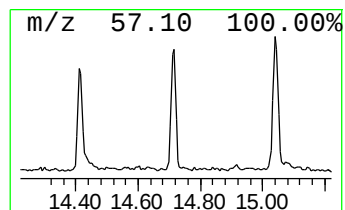
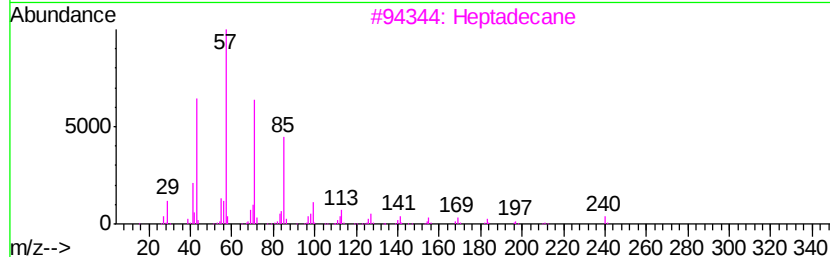
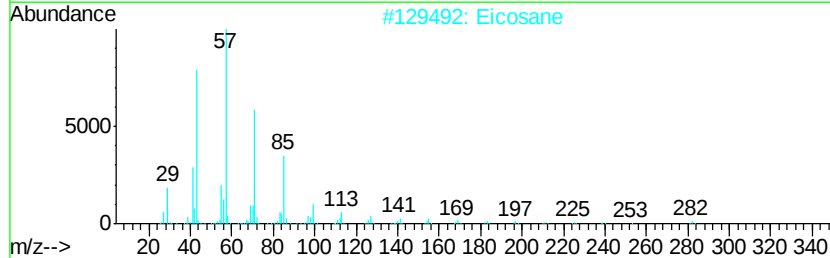
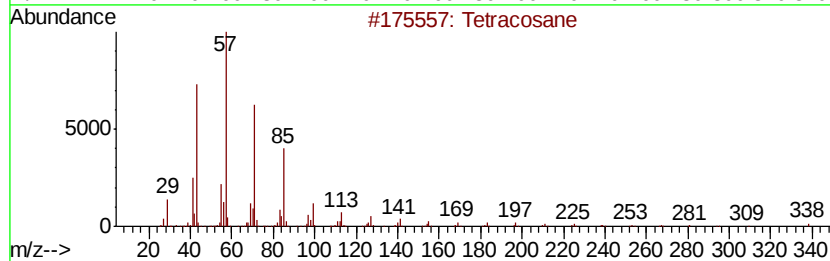
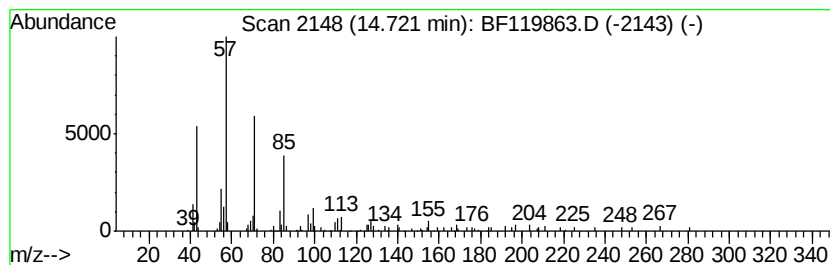
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.46 ng	197764	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Eicosane		282	C20H42	000112-95-8	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Tetratetracontane		619	C44H90	007098-22-8	90
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119863.D
Acq On : 9 Apr 2020 9:27
Operator : MA/SJ
Sample : L2151-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

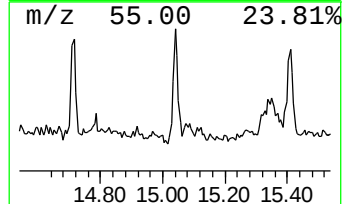
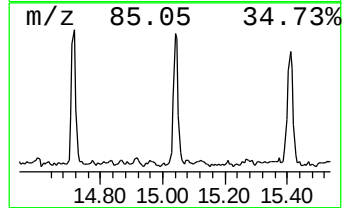
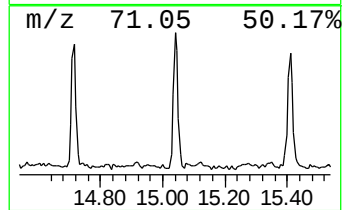
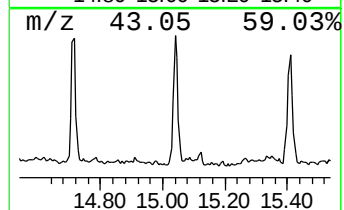
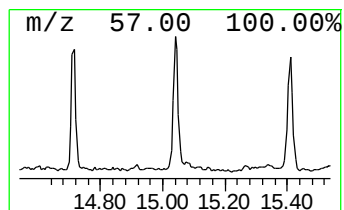
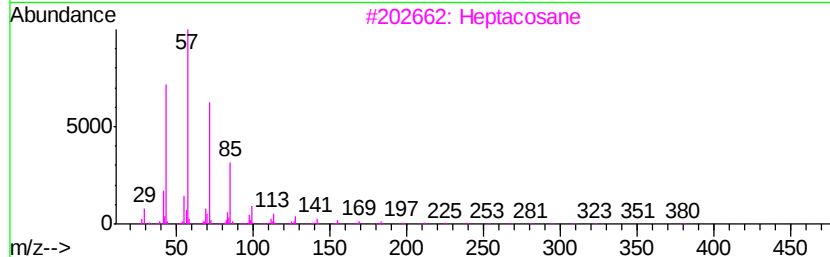
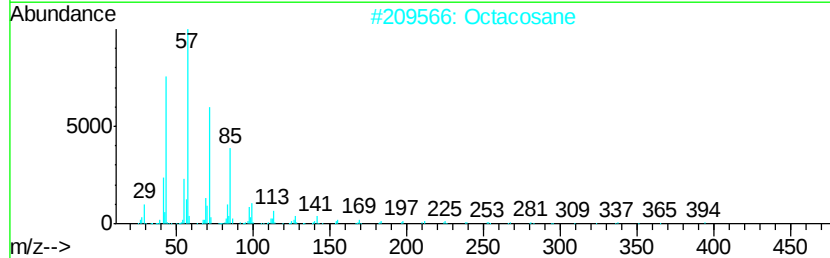
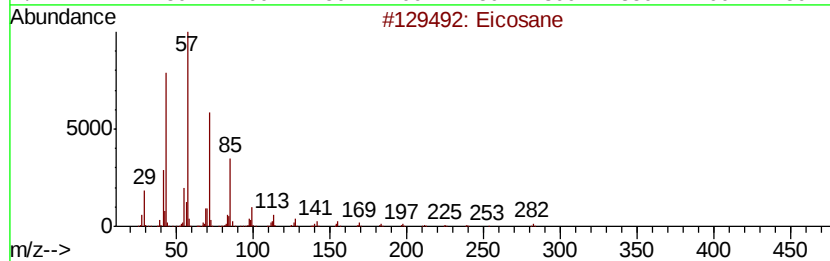
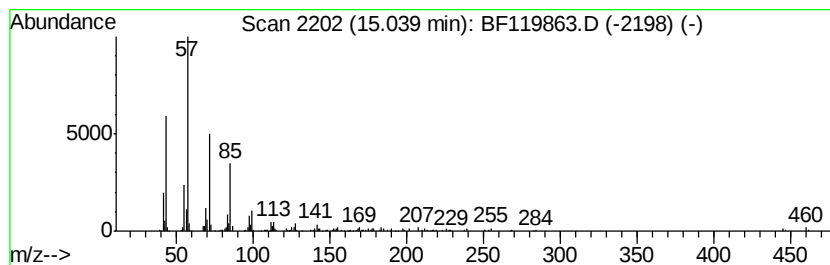
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	4.70 ng	268536	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119863.D
Acq On : 9 Apr 2020 9:27
Operator : MA/SJ
Sample : L2151-08
Misc :
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Instrument :
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ClientSampleId :
MH-4

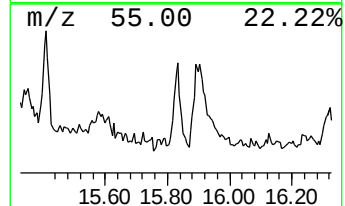
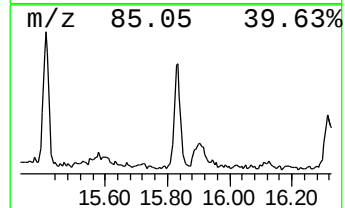
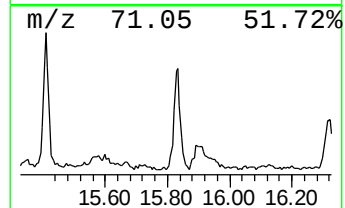
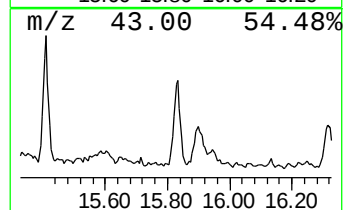
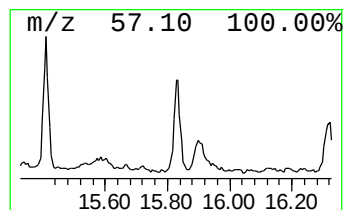
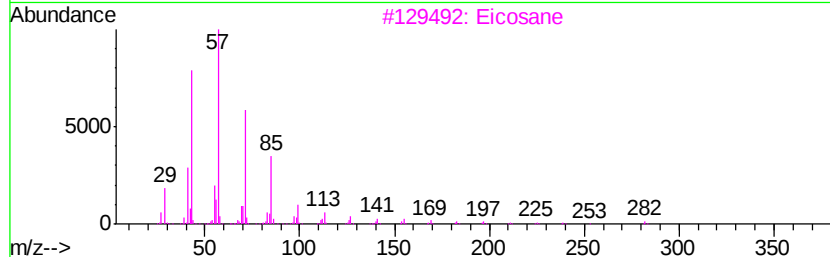
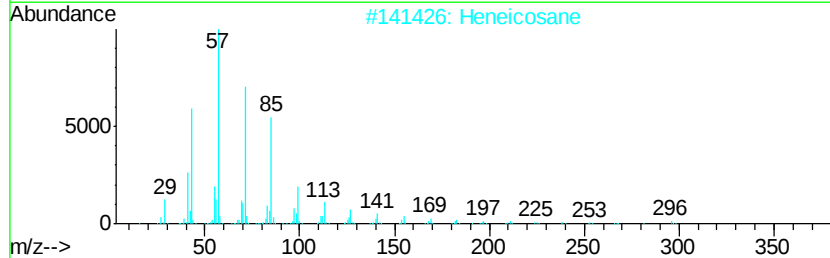
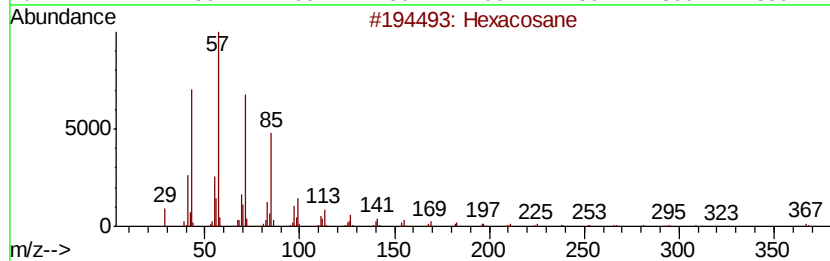
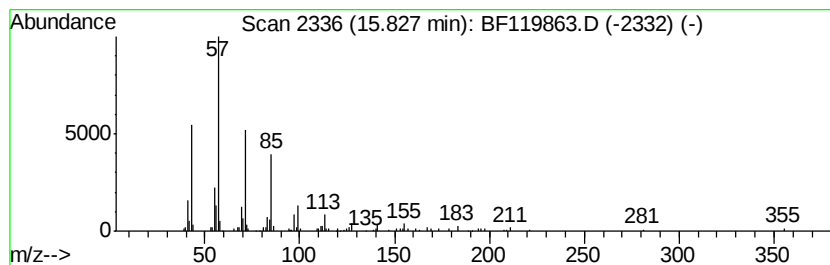
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.25 ng	185890	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119863.D
Acq On : 9 Apr 2020 9:27
Operator : MA/SJ
Sample : L2151-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

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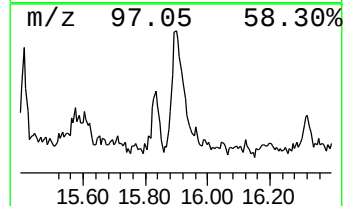
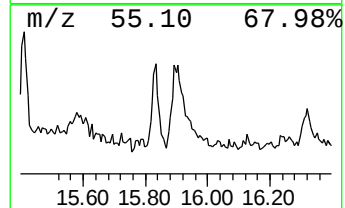
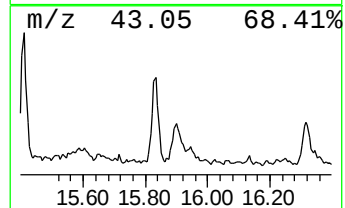
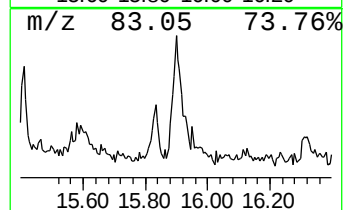
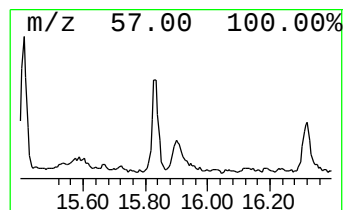
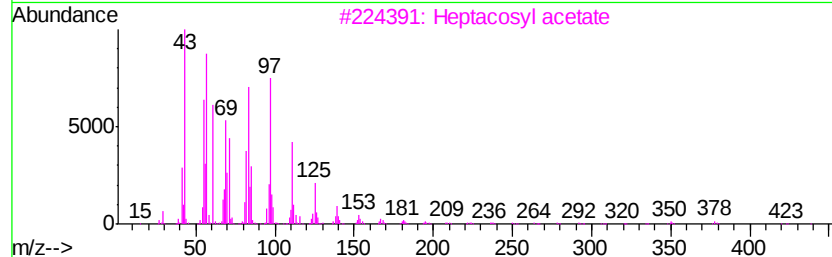
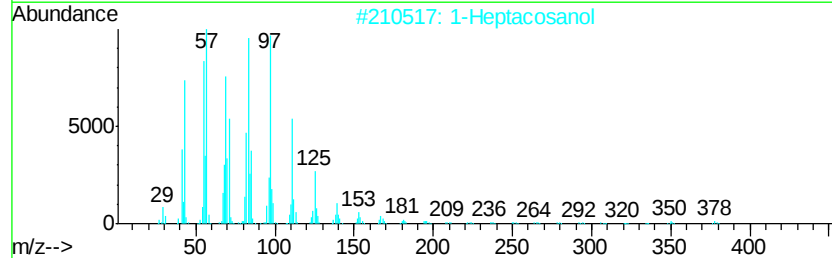
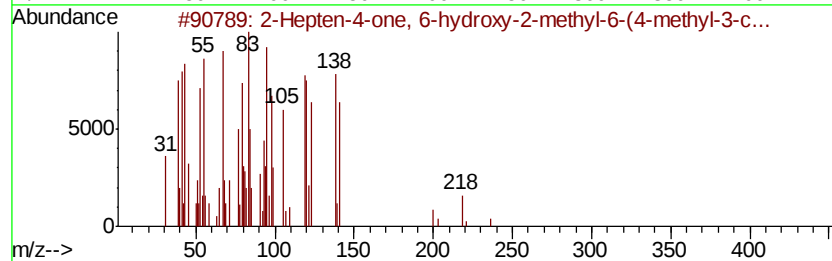
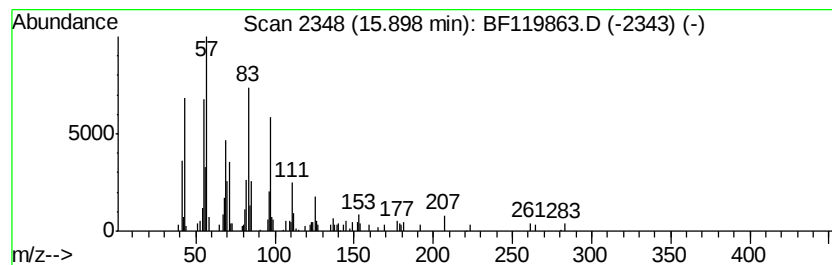
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Hepten-4-one, 6-hydroxy-2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	4.91 ng	280480	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	78
2		1-Heptacosanol	396	C27H56O	002004-39-9	62
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	58
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	58
5		Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119863.D
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Operator : MA/SJ
Sample : L2151-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

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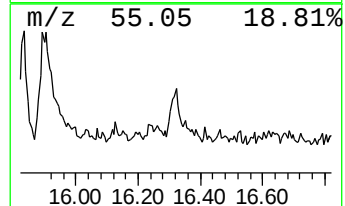
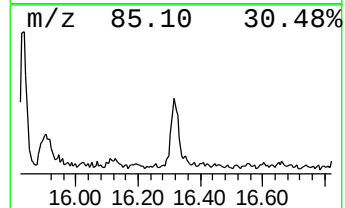
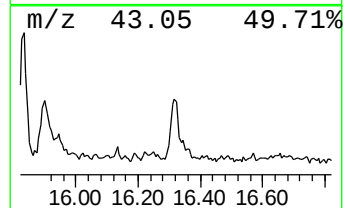
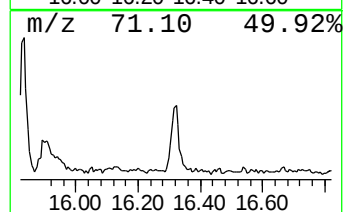
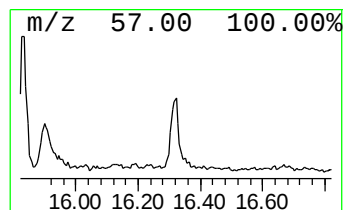
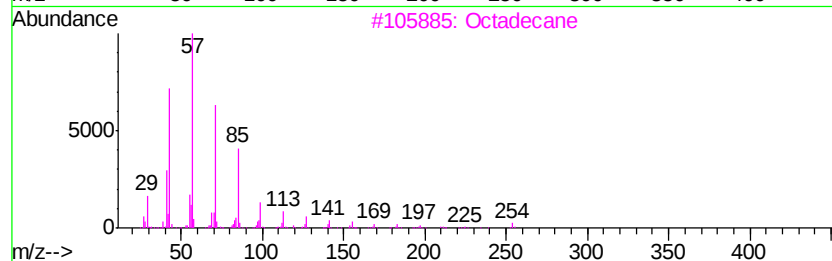
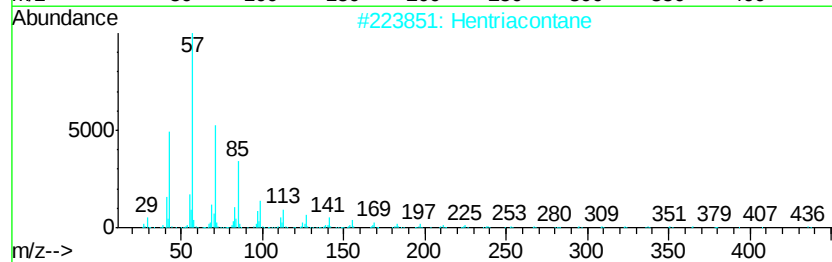
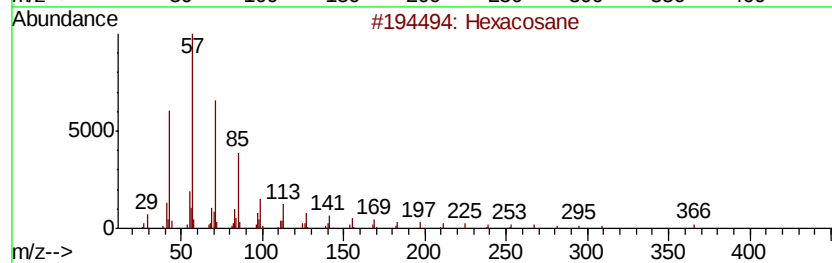
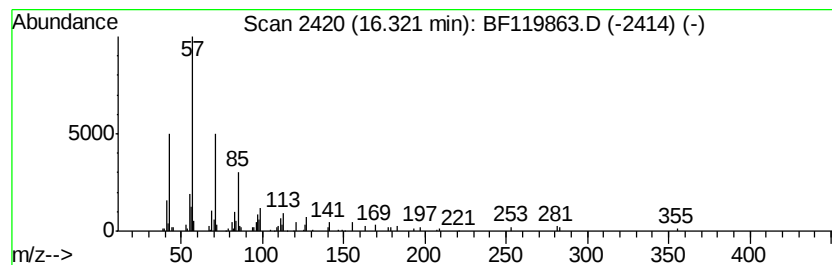
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.16 ng	123407	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Tetracosane	338	C24H50	000646-31-1	86
5			Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
Data File : BF119863.D
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Operator : MA/SJ
Sample : L2151-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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	11.83	12.6	ng	1199260	4	11.29	1907710	20.0
Octadecanoic acid	12.62	5.7	ng	431943	5	13.93	1528660	20.0
Cyclodecane	13.37	2.2	ng	166268	5	13.93	1528660	20.0
Pentafluoropropio...	13.79	12.9	ng	986623	5	13.93	1528660	20.0
Eicosane	14.42	3.1	ng	239029	5	13.93	1528660	20.0
Tetracosane	14.72	3.5	ng	197764	6	15.37	1142870	20.0
Octacosane	15.04	4.7	ng	268536	6	15.37	1142870	20.0
Hexacosane	15.83	3.3	ng	185890	6	15.37	1142870	20.0
2-Hepten-4-one, 6...	15.90	4.9	ng	280480	6	15.37	1142870	20.0
Hentriacontane	16.32	2.2	ng	123407	6	15.37	1142870	20.0