

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
 Data File : BF119899.D
 Acq On : 10 Apr 2020 17:18
 Operator : MA/SJ
 Sample : L2178-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1D

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	4.945	482	486	494	rVB	169455	189186	2.70%	0.445%
2	5.357	552	556	560	rBV	2446674	2517961	35.96%	5.924%
3	6.381	725	730	740	rBV	1736645	1611667	23.02%	3.792%
4	6.751	789	793	796	rBV	1128293	917779	13.11%	2.159%
5	6.910	815	820	823	rBV	5026489	4631997	66.15%	10.897%
6	7.322	883	890	892	rBV	3397393	3937867	56.24%	9.264%
7	8.033	1007	1011	1015	rBV	1291087	1198304	17.11%	2.819%
8	9.116	1189	1195	1198	rBV	6052038	6894532	98.46%	16.220%
9	9.510	1257	1262	1265	rBV	279696	227446	3.25%	0.535%
10	9.792	1303	1310	1313	rBV	1645364	1410744	20.15%	3.319%
11	9.816	1313	1314	1320	rVB2	82735	71420	1.02%	0.168%
12	10.586	1438	1445	1448	rBV	4702568	4812885	68.73%	11.323%
13	11.280	1558	1563	1566	rBV	1819309	1592693	22.74%	3.747%
14	11.815	1650	1654	1658	rBV	965169	867691	12.39%	2.041%
15	12.492	1766	1769	1774	rBV	148045	182901	2.61%	0.430%
16	12.604	1784	1788	1798	rBV	796332	789251	11.27%	1.857%
17	12.715	1805	1807	1810	rVB	84247	79829	1.14%	0.188%
18	12.874	1828	1834	1837	rBV	6407562	7002490	100.00%	16.474%
19	13.786	1985	1989	1997	rVB	194535	258583	3.69%	0.608%
20	13.921	2007	2012	2015	rBV	1508779	1389009	19.84%	3.268%
21	14.092	2038	2041	2047	rVB	68956	78760	1.12%	0.185%
22	14.398	2090	2093	2096	rBV	105310	90758	1.30%	0.214%
23	14.698	2140	2144	2148	rVB	139515	135771	1.94%	0.319%
24	15.027	2196	2200	2206	rVB	144807	167576	2.39%	0.394%
25	15.351	2250	2255	2259	rBV	928644	1097511	15.67%	2.582%
26	15.392	2259	2262	2267	rVB	122318	152604	2.18%	0.359%
27	15.809	2328	2333	2339	rBV	85010	122357	1.75%	0.288%
28	16.298	2410	2416	2421	rBV2	42464	76793	1.10%	0.181%

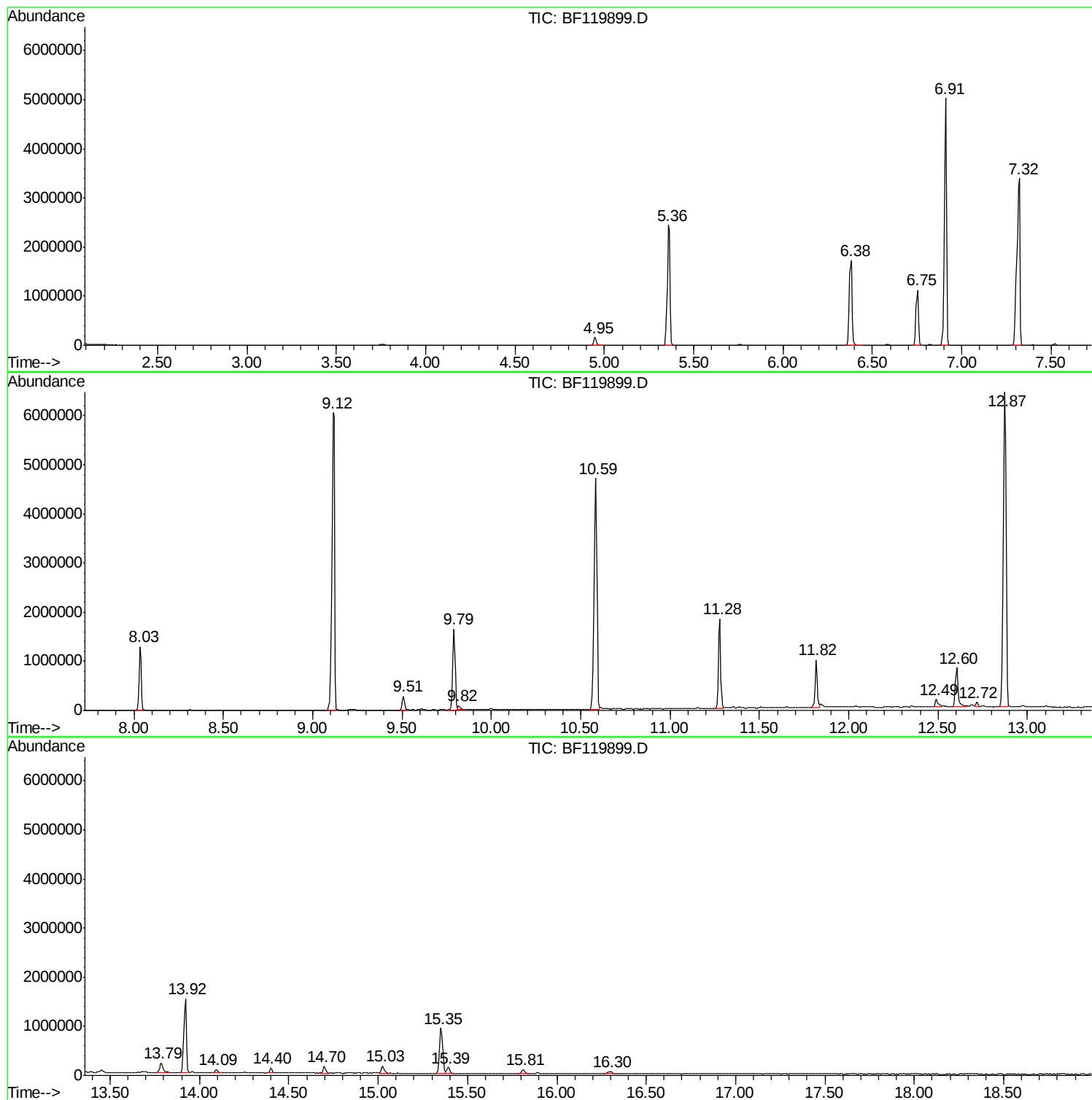
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ALS Vial : 11 Sample Multiplier: 1

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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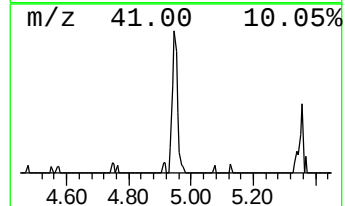
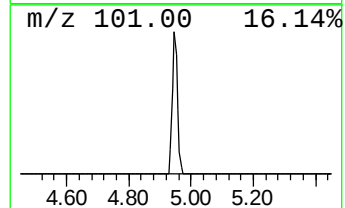
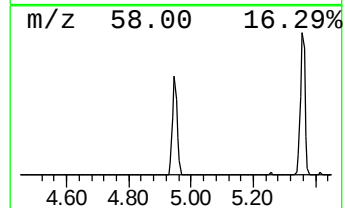
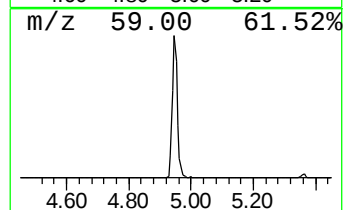
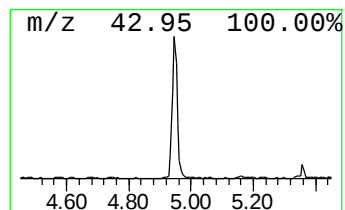
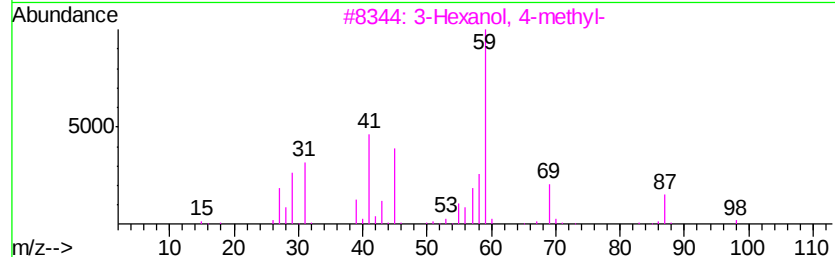
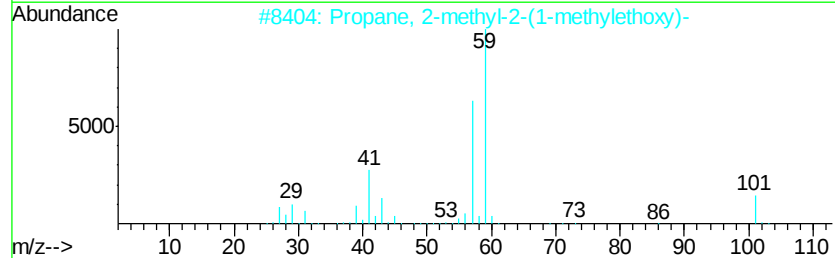
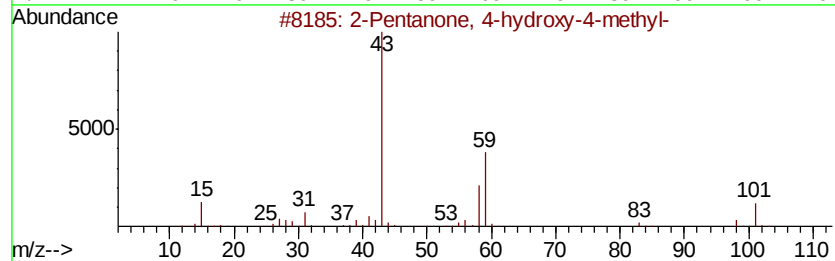
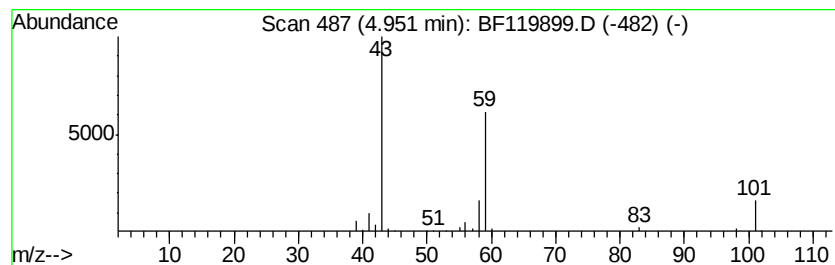
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	4.12 ng	189186	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			3-Octanol	130	C8H18O	000589-98-0	33
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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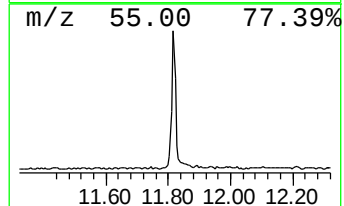
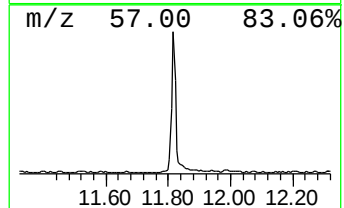
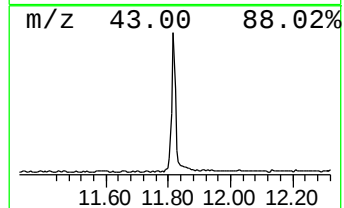
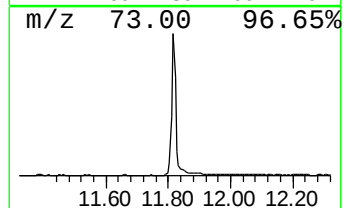
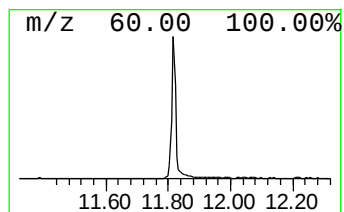
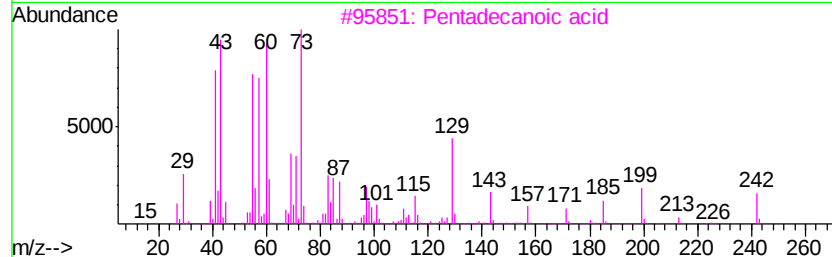
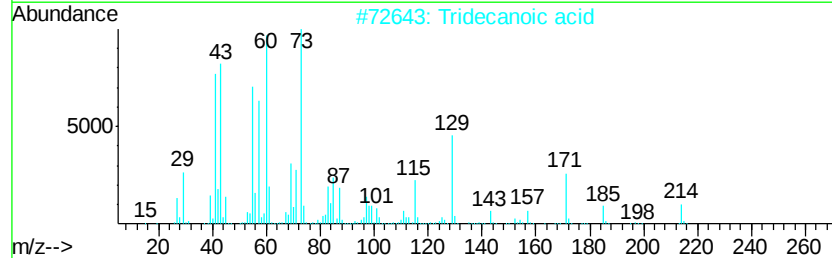
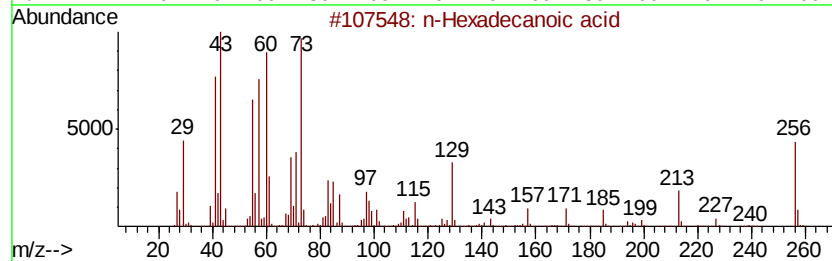
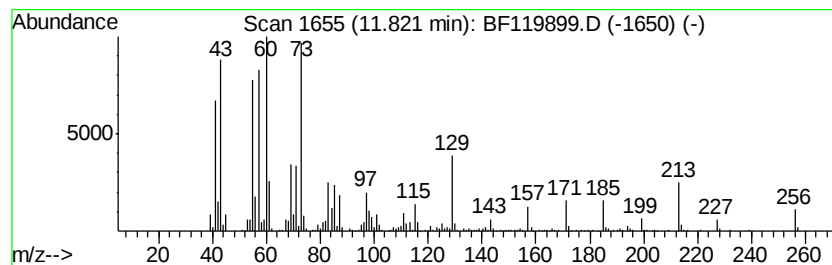
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.82	10.90 ng	867691	Phenanthrene-d10		11.28	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	78
5	Undecanoic acid		186	C11H22O2	000112-37-8	64



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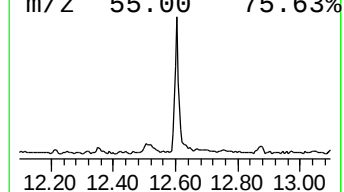
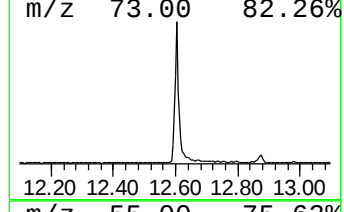
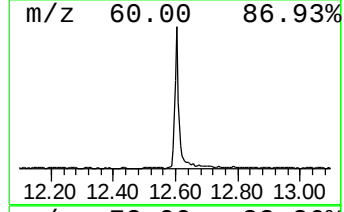
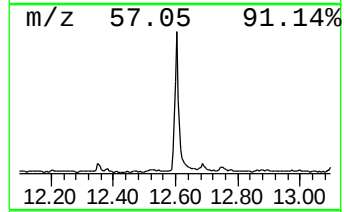
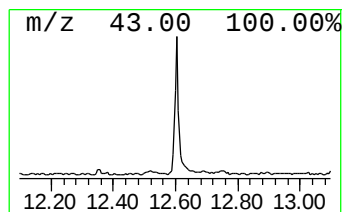
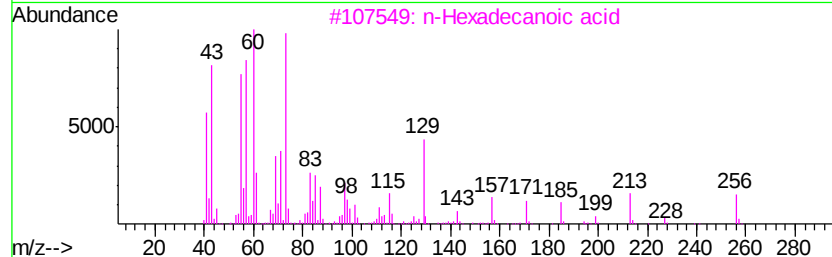
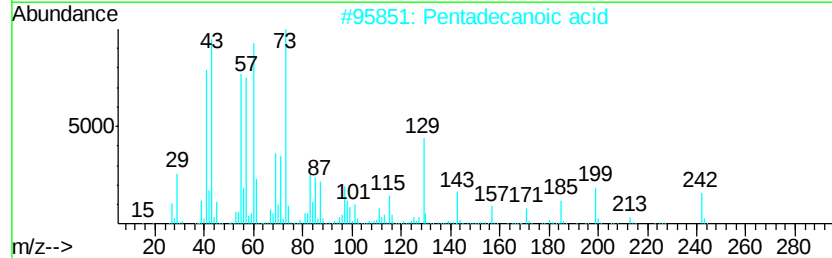
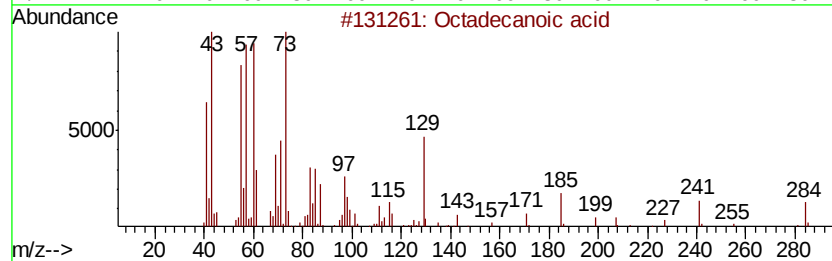
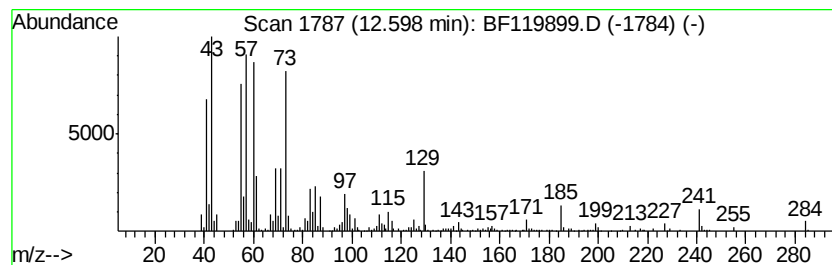
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Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	11.36 ng	789251	Chrysene-d12	13.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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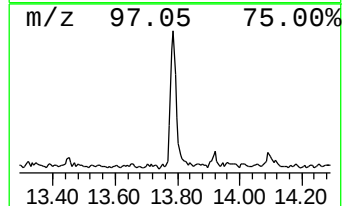
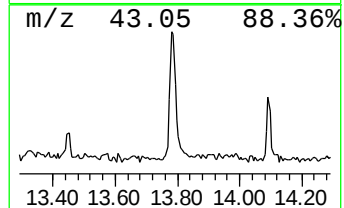
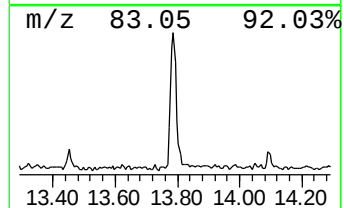
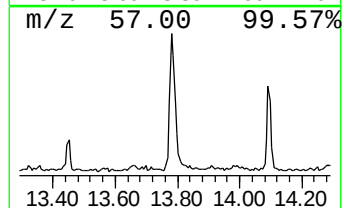
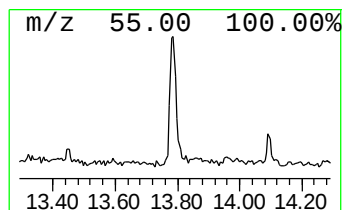
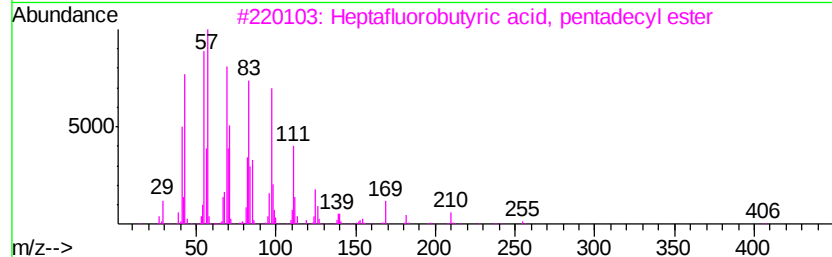
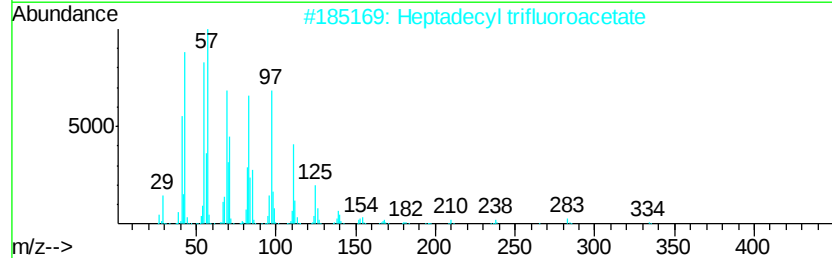
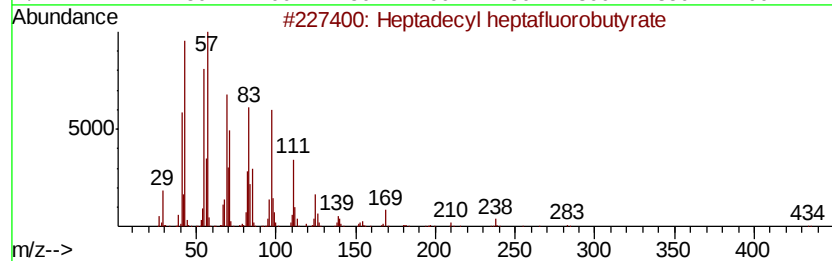
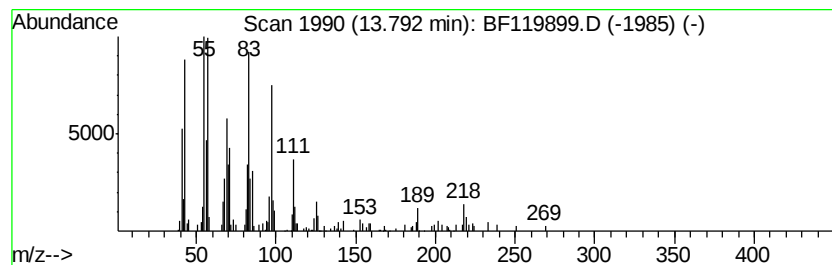
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	3.72 ng	258583	Chrysene-d12	13.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
3	Heptafluorobutyric acid, pentadec...	424	C19H31F7O2	959261-23-5	95
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94



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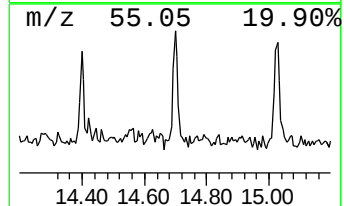
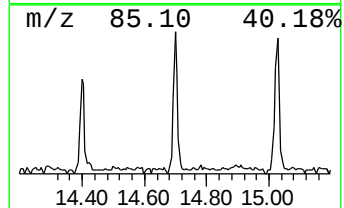
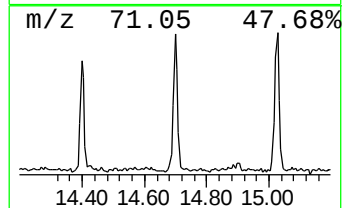
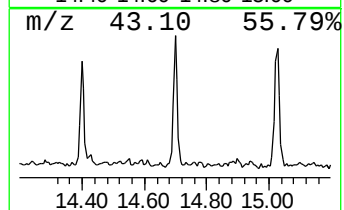
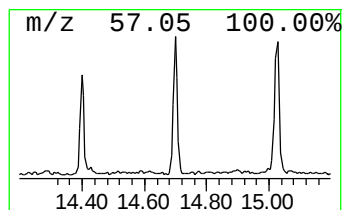
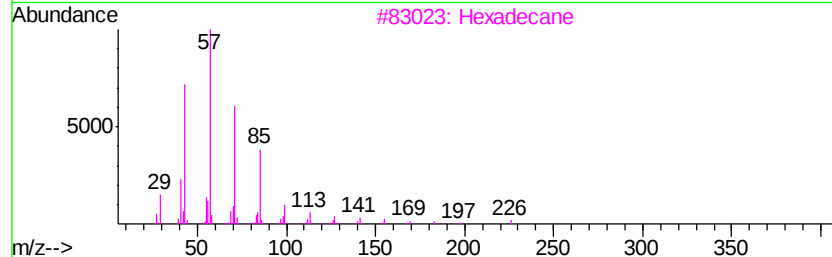
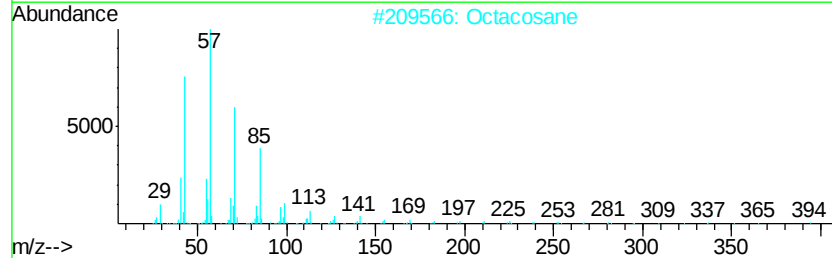
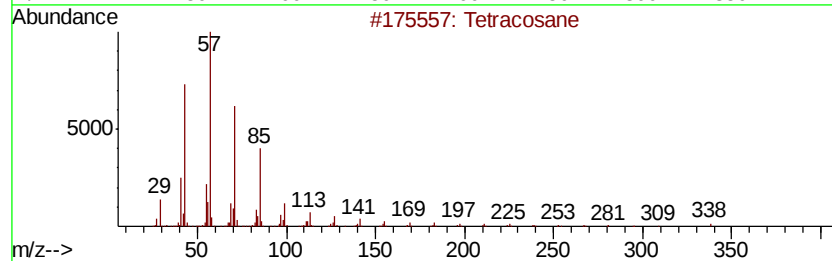
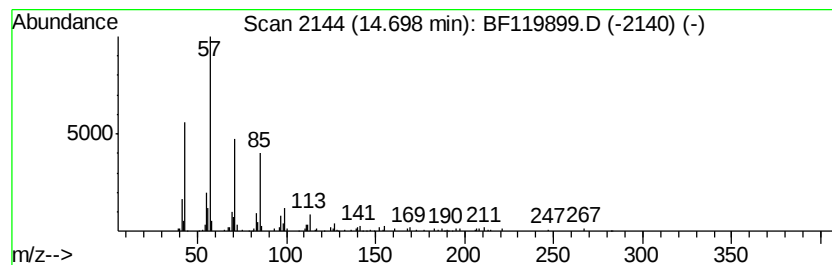
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.47 ng	135771	Perylene-d12	15.35

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	Hexadecane		226	C16H34	000544-76-3	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Heneicosane		296	C21H44	000629-94-7	90



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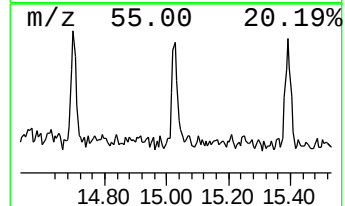
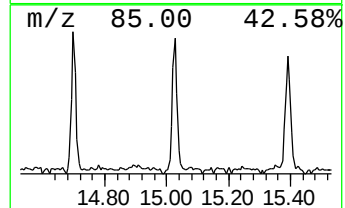
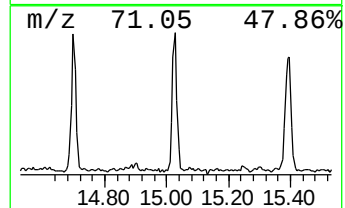
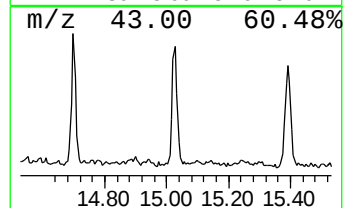
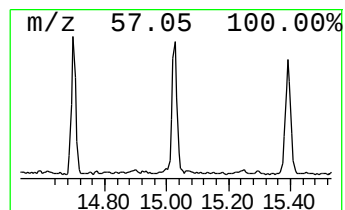
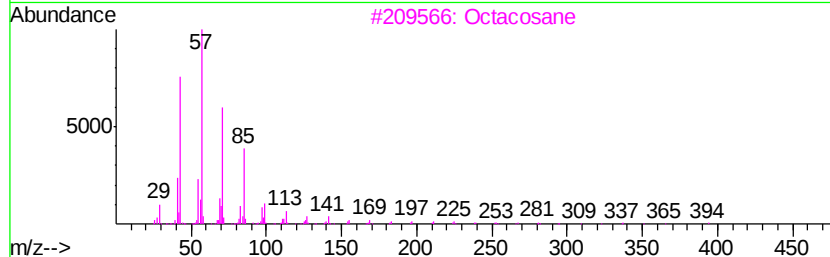
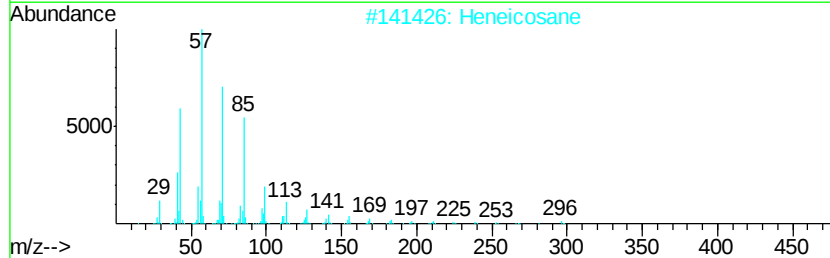
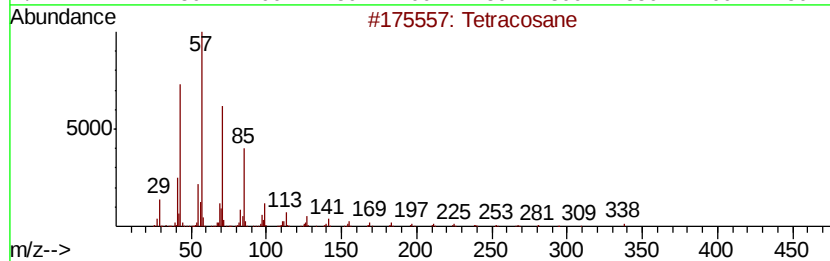
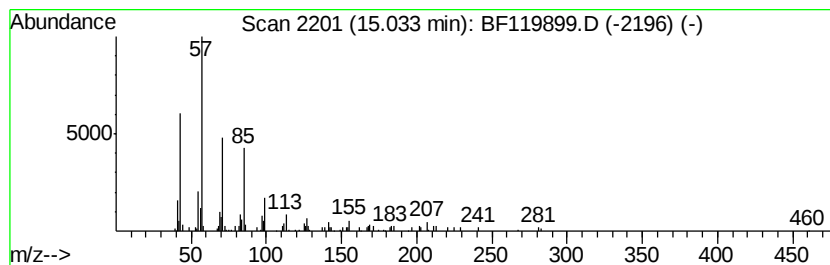
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	3.05 ng	167576	Perylene-d12	15.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119899.D
Acq On : 10 Apr 2020 17:18
Operator : MA/SJ
Sample : L2178-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1D

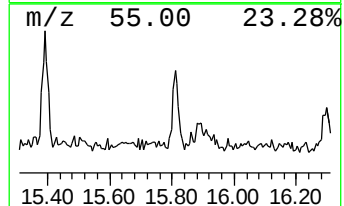
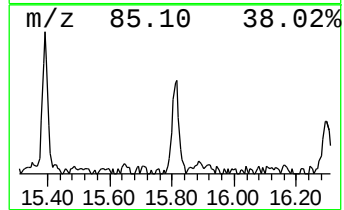
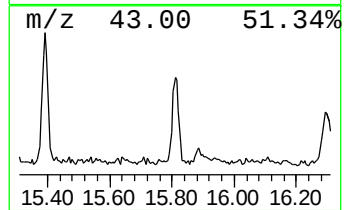
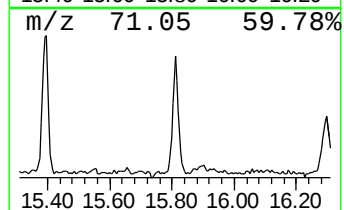
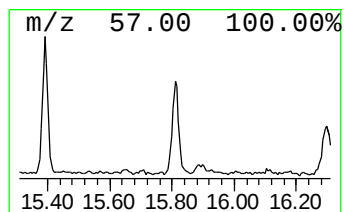
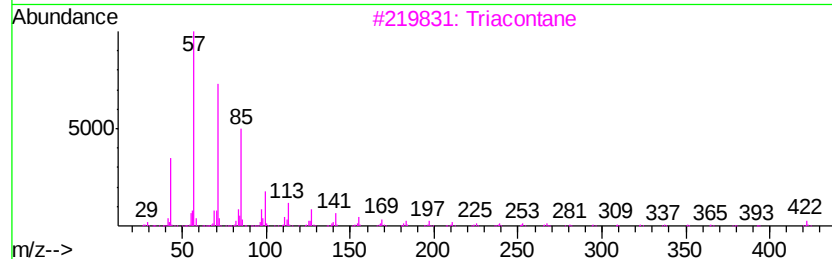
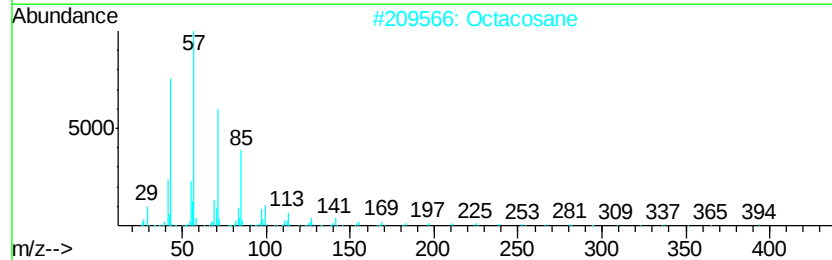
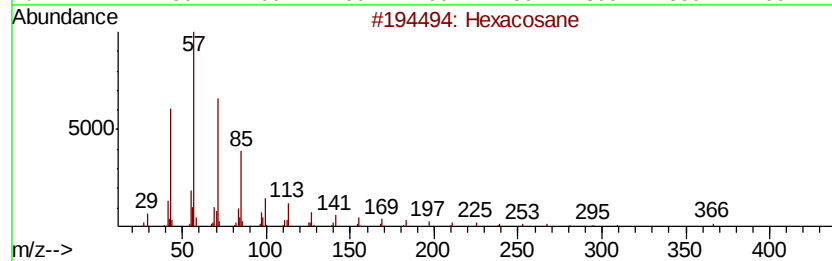
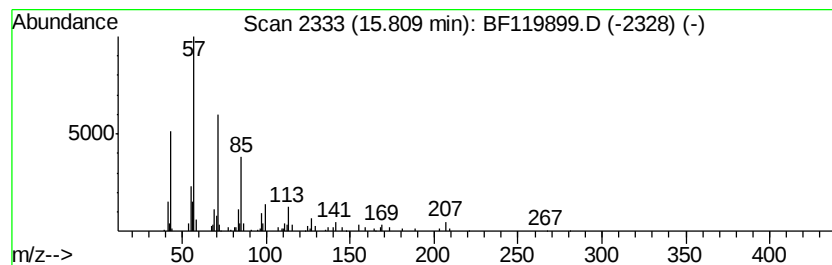
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.23 ng	122357	Perylene-d12	15.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Octacosane		394	C28H58	000630-02-4	91
3	triacontane		422	C30H62	000638-68-6	91
4	Hentriacontane		437	C31H64	000630-04-6	91
5	Heptacosane		380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
Data File : BF119899.D
Acq On : 10 Apr 2020 17:18
Operator : MA/SJ
Sample : L2178-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1D

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
2-Pentanone, 4-hy...	4.95	4.1 ng		189186	1	6.75	917779	20.0
n-Hexadecanoic acid	11.82	10.9 ng		867691	4	11.28	1592690	20.0
Octadecanoic acid	12.60	11.4 ng		789251	5	13.92	1389010	20.0
Heptadecyl heptaf...	13.79	3.7 ng		258583	5	13.92	1389010	20.0
Tetracosane	14.70	2.5 ng		135771	6	15.35	1097510	20.0
Heneicosane	15.03	3.0 ng		167576	6	15.35	1097510	20.0
Hexacosane	15.81	2.2 ng		122357	6	15.35	1097510	20.0