

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119541.D
 Acq On : 26 Mar 2020 20:38
 Operator : CG/JU
 Sample : L2017-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-32-(8.5-9)

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-BF031820.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	2.122	3	6	11	rVB	332564	414688	5.11%	0.614%
2	2.228	19	24	32	rVB	120992	153883	1.90%	0.228%
3	5.051	496	504	510	rBV	220067	292746	3.61%	0.433%
4	5.451	566	572	575	rBV	6359668	6684354	82.44%	9.891%
5	6.457	737	743	746	rBV	6049492	6768279	83.48%	10.015%
6	6.833	803	807	810	rBV	2152144	1676139	20.67%	2.480%
7	6.992	829	834	837	rBV	6156751	5270866	65.01%	7.799%
8	7.398	897	903	906	rBV	4281490	4448460	54.87%	6.583%
9	8.116	1021	1025	1029	rBV	2375928	2187096	26.98%	3.236%
10	9.198	1203	1209	1212	rBV	8097051	7851294	96.84%	11.618%
11	9.592	1269	1276	1279	rBV	1019065	824039	10.16%	1.219%
12	9.880	1318	1325	1328	rBV	2905831	2608064	32.17%	3.859%
13	10.669	1453	1459	1462	rBV	5898410	5513033	68.00%	8.158%
14	11.368	1573	1578	1581	rBV	3009972	2796957	34.50%	4.139%
15	11.898	1662	1668	1679	rBV	1161306	1145714	14.13%	1.695%
16	12.686	1798	1802	1815	rBV	708843	825213	10.18%	1.221%
17	12.957	1843	1848	1852	rBV	7611228	8107693	100.00%	11.997%
18	13.862	1998	2002	2019	rBV	667025	997726	12.31%	1.476%
19	14.009	2022	2027	2030	rBV	2820899	2562717	31.61%	3.792%
20	14.180	2052	2056	2060	rBV	284112	251603	3.10%	0.372%
21	14.486	2104	2108	2111	rBV	487822	419958	5.18%	0.621%
22	14.792	2156	2160	2165	rVB	604342	572317	7.06%	0.847%
23	15.133	2214	2218	2226	rBV	592466	686416	8.47%	1.016%
24	15.474	2270	2276	2280	rBV	1977625	2383481	29.40%	3.527%
25	15.521	2280	2284	2289	rVB	533915	673614	8.31%	0.997%
26	15.956	2352	2358	2365	rBV	371840	587001	7.24%	0.869%
27	16.027	2365	2370	2382	rBV8	48756	180915	2.23%	0.268%
28	16.474	2439	2446	2457	rVB	201918	382378	4.72%	0.566%
29	17.068	2541	2547	2556	rVB2	93878	197727	2.44%	0.293%
30	17.774	2662	2667	2676	rVB4	45109	115451	1.42%	0.171%

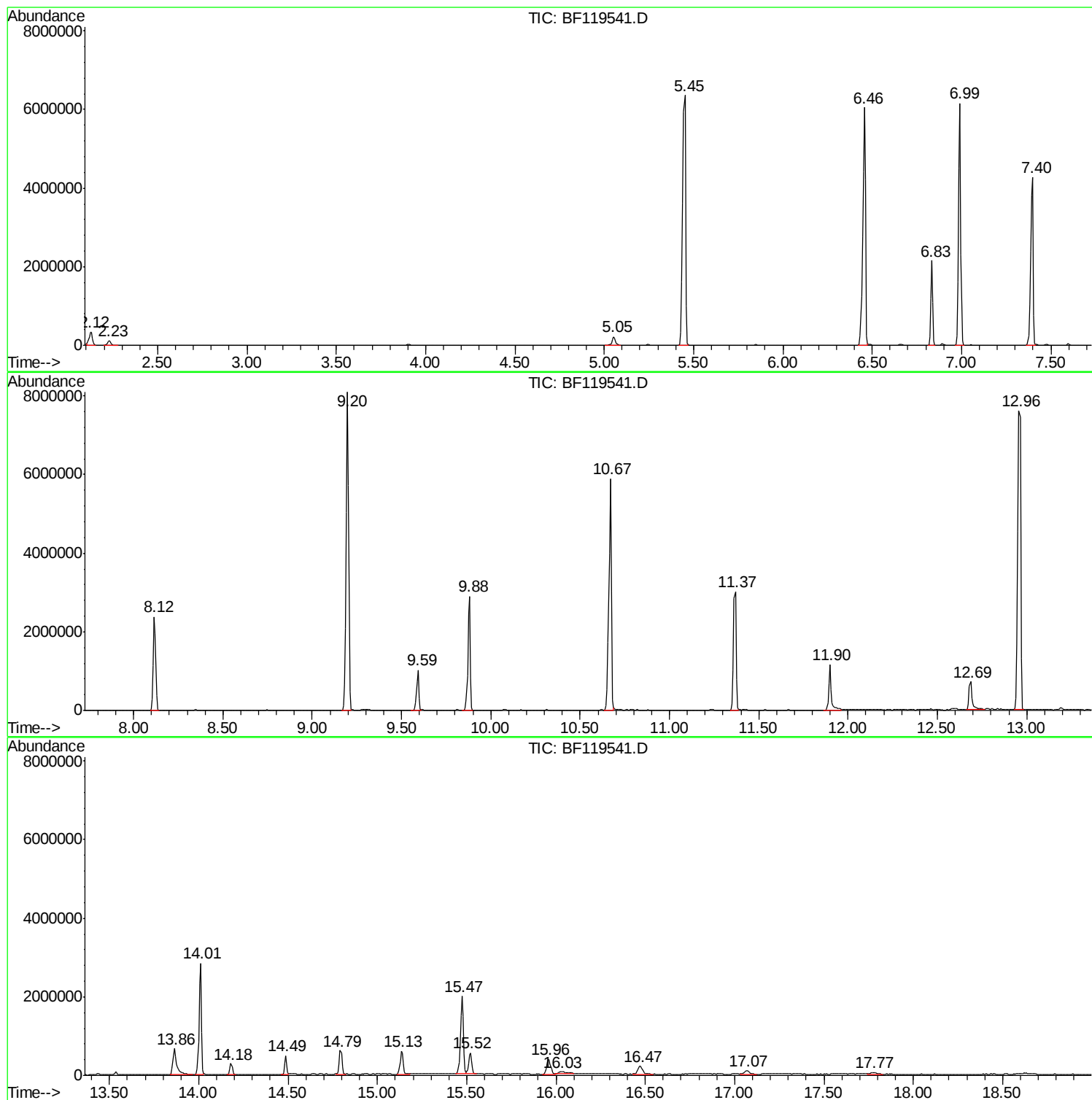
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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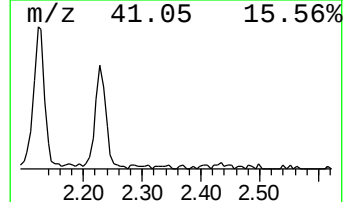
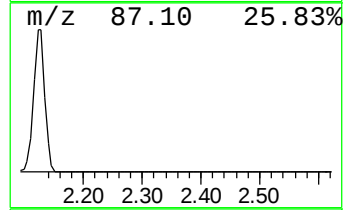
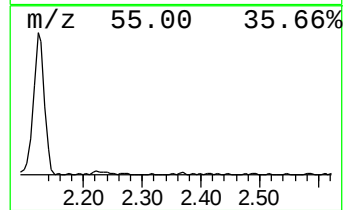
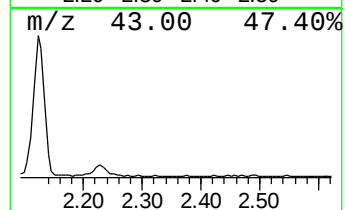
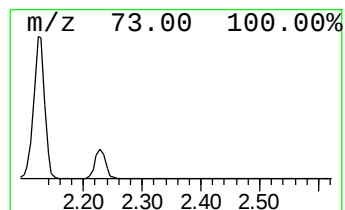
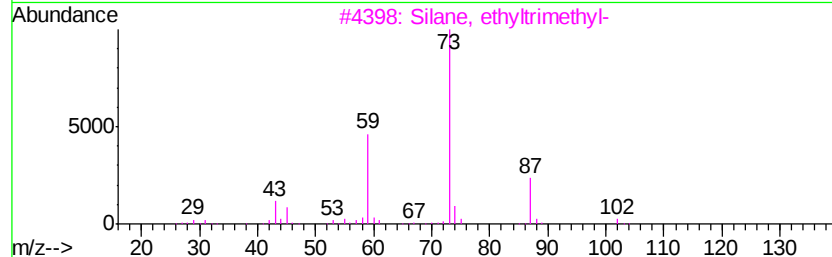
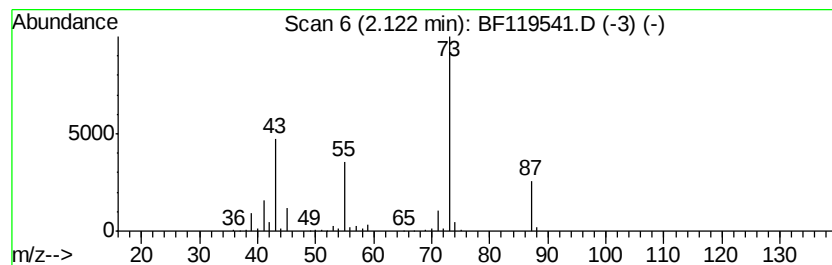
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	4.95 ng	414688	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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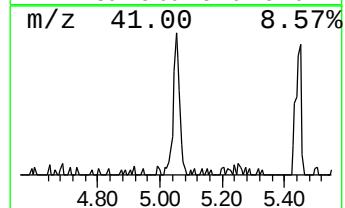
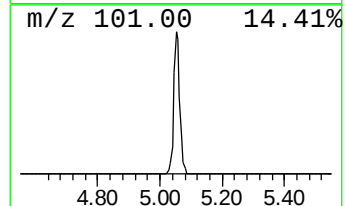
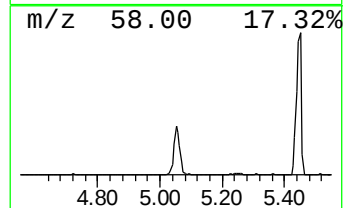
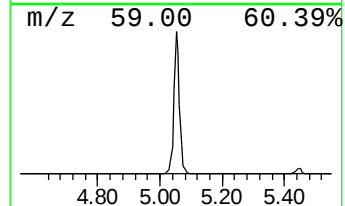
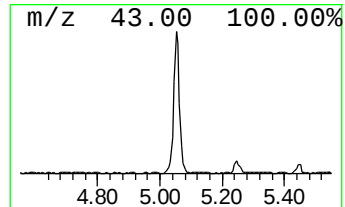
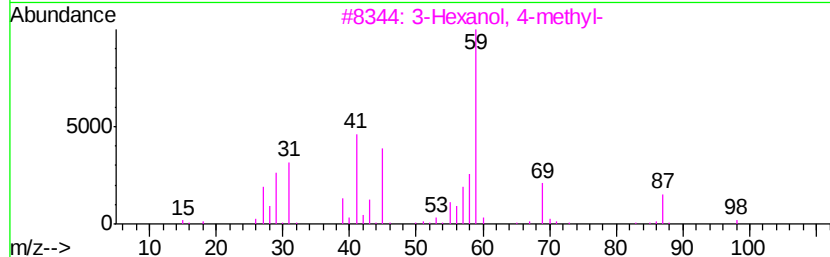
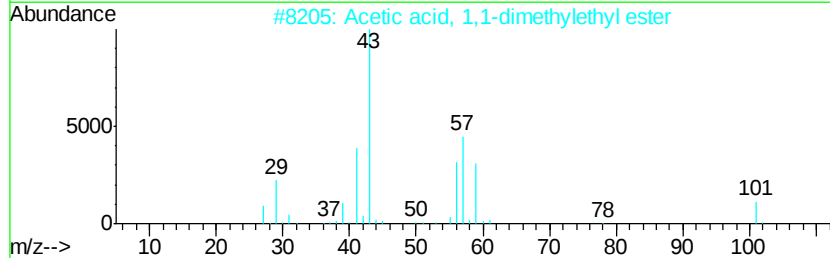
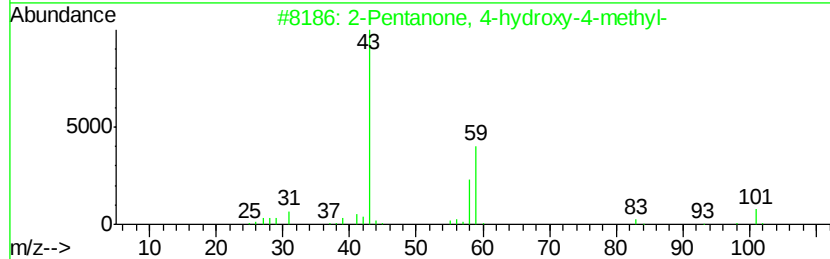
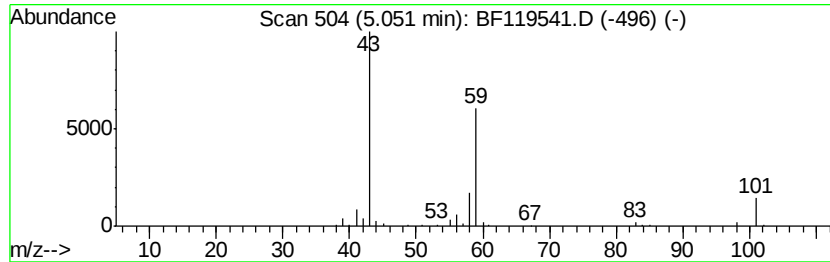
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.49 ng	292746	1,4-Dichlorobenzene-d4	6.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	



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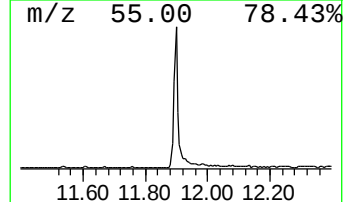
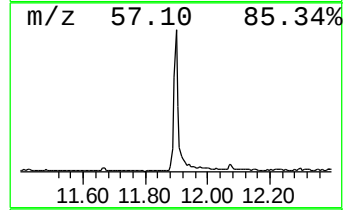
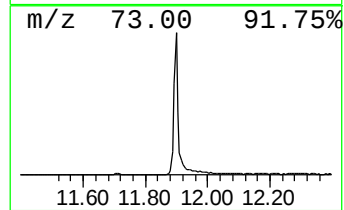
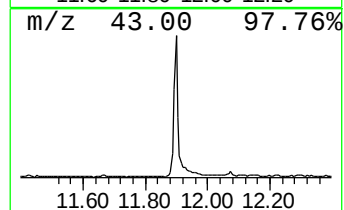
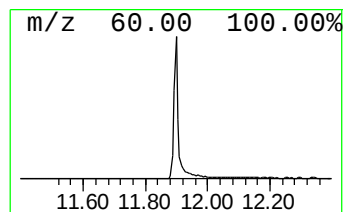
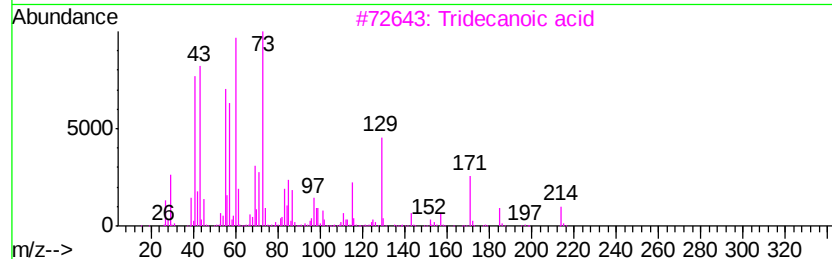
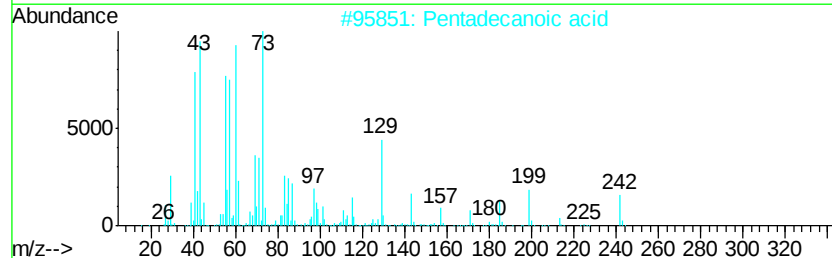
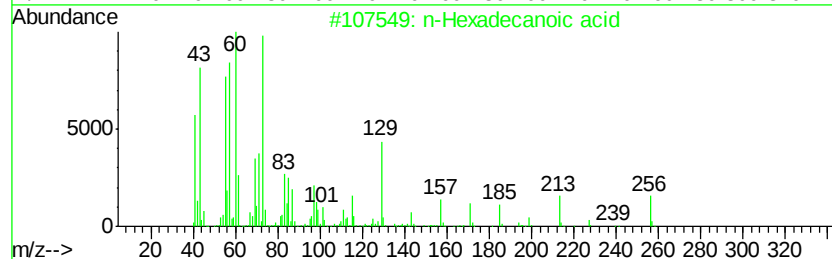
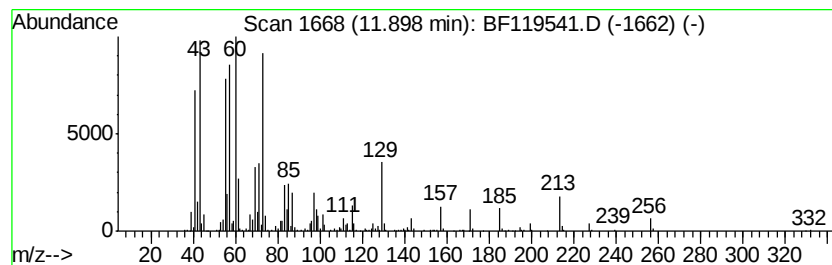
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	8.19 ng	1145710	Phenanthrene-d10	11.37

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	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



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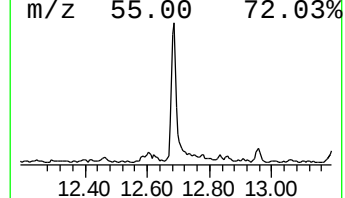
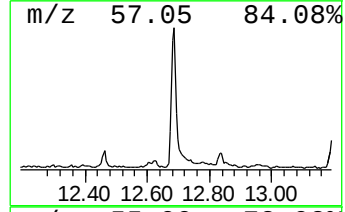
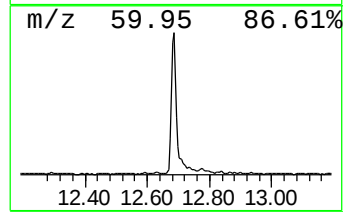
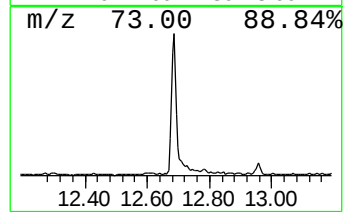
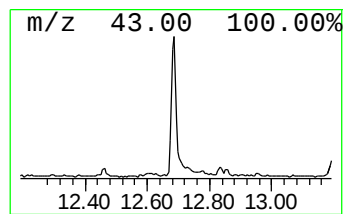
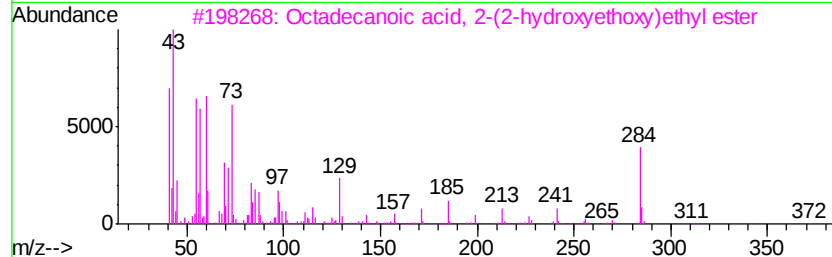
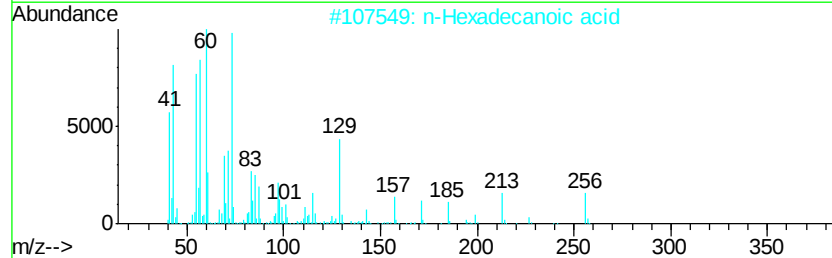
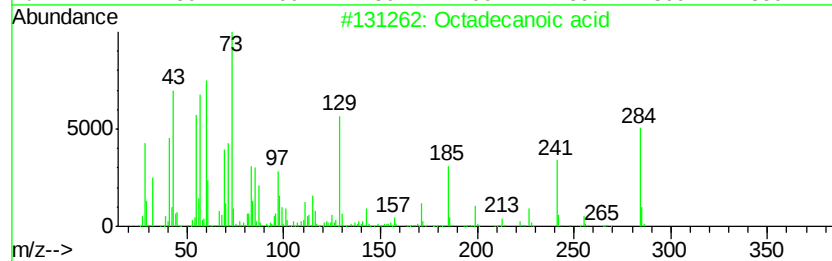
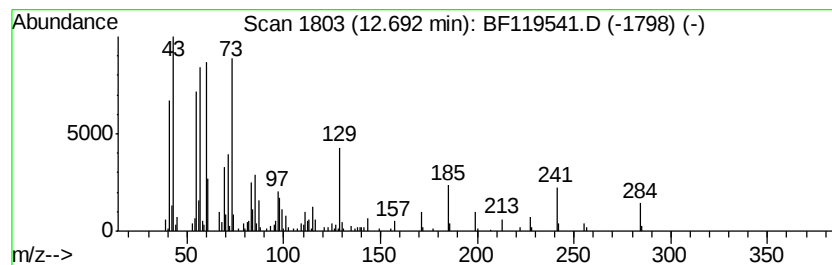
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.90 ng	825213	Phenanthrene-d10	11.37

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	94
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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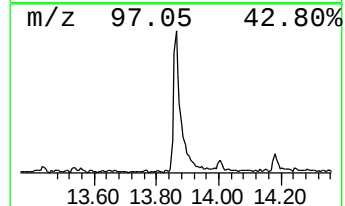
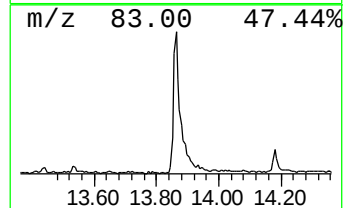
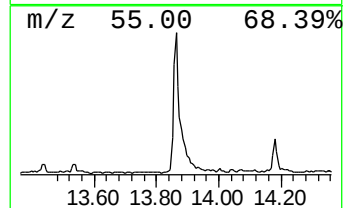
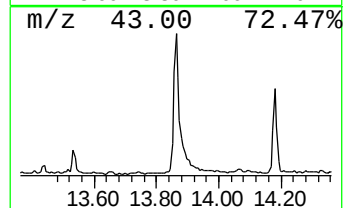
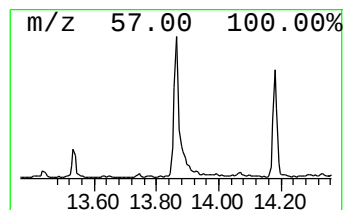
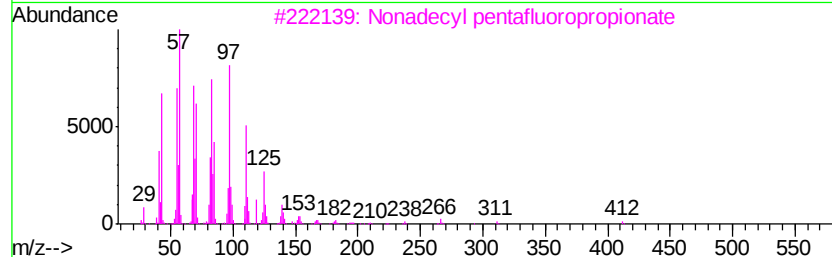
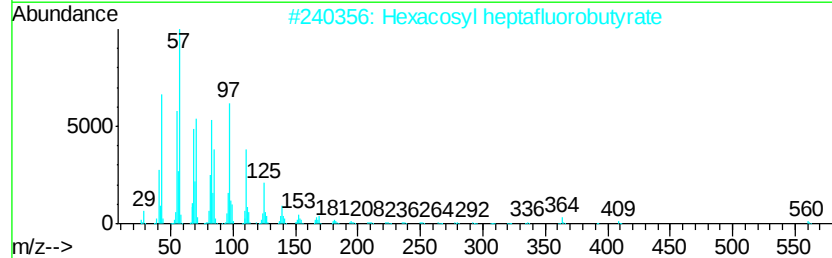
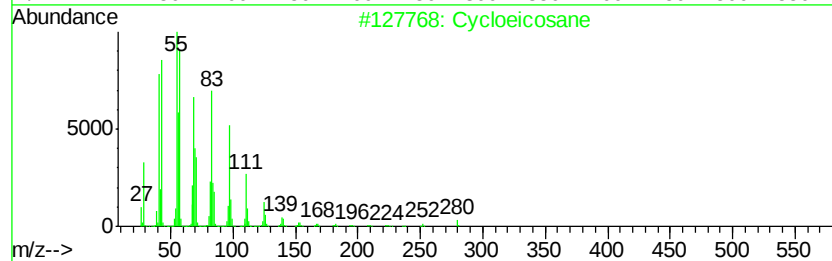
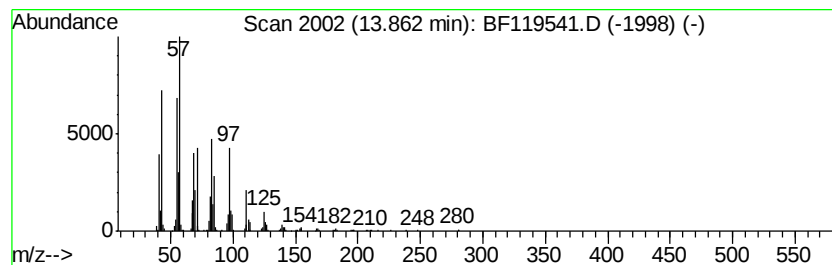
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 Peak Number 6 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.79 ng	997726	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 92
2		Hexacosyl heptafluorobutyrate	578 C30H53F7O2	1000351-83-3 91
3		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 91
4		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 91
5		Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0 91



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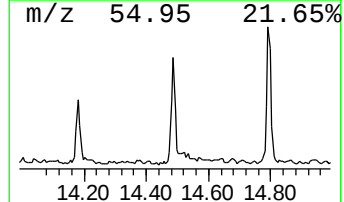
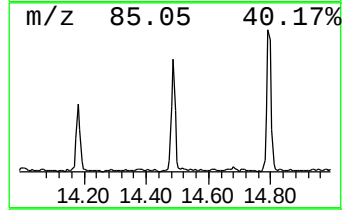
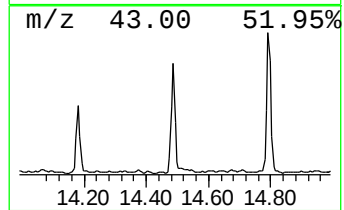
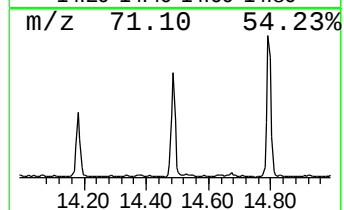
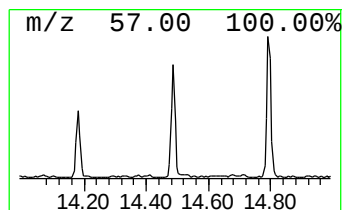
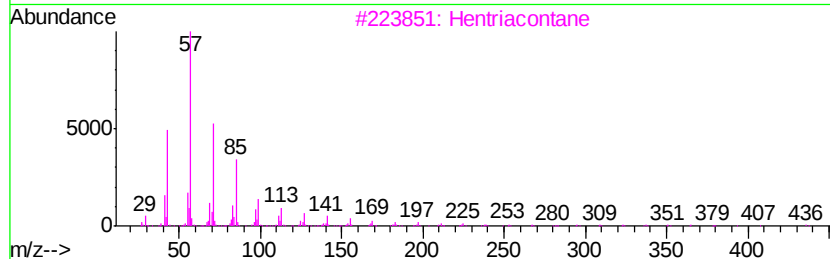
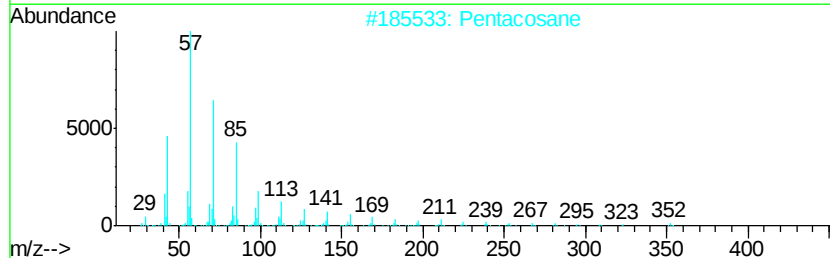
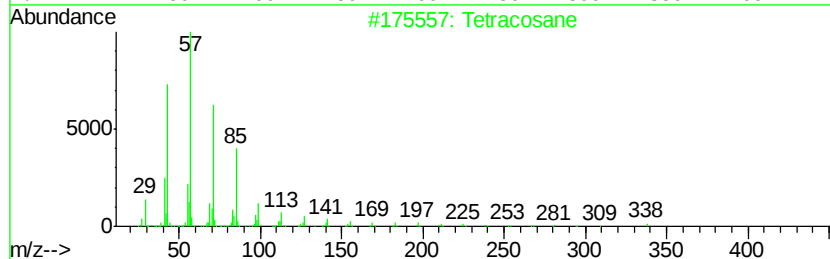
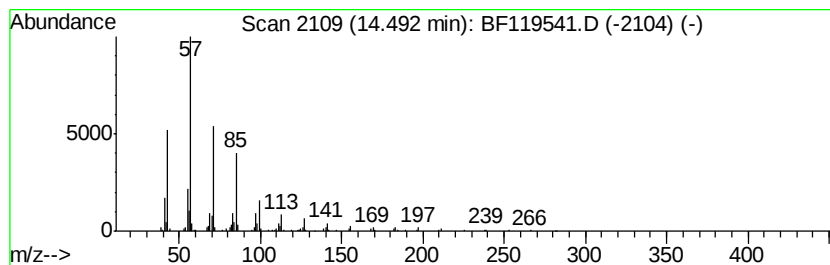
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BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.49	3.28 ng	419958	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119541.D
Acq On : 26 Mar 2020 20:38
Operator : CG/JU
Sample : L2017-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

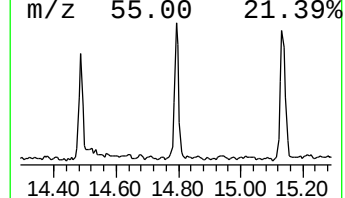
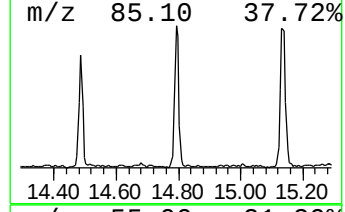
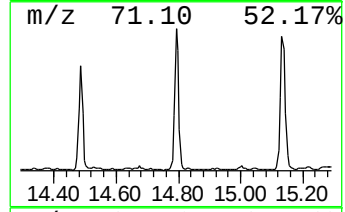
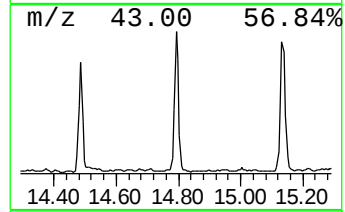
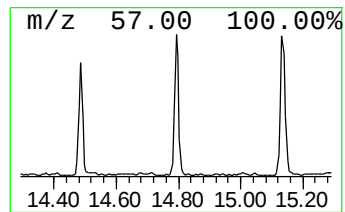
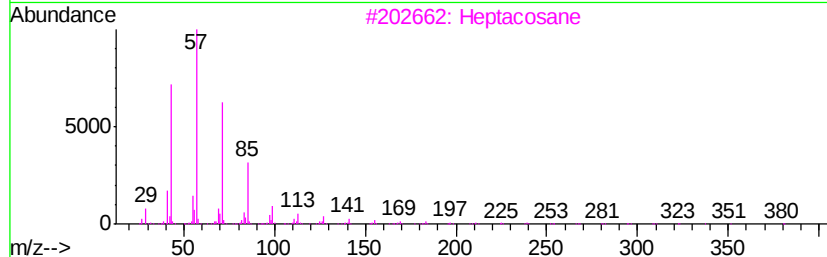
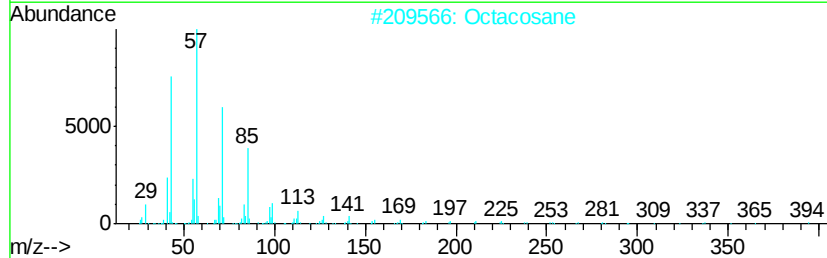
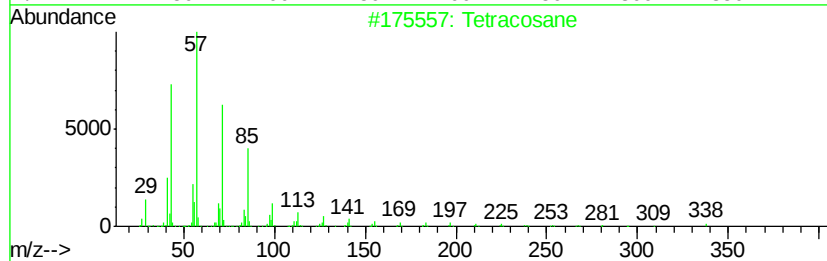
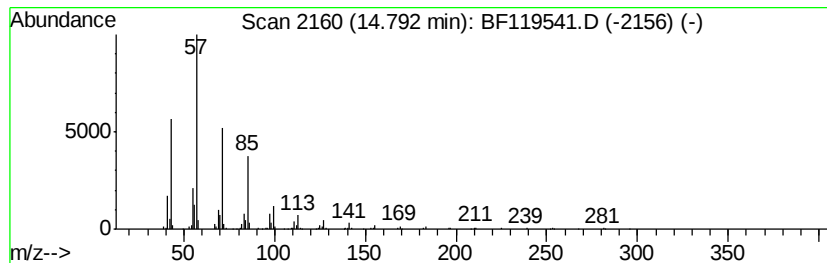
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.80 ng	572317	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119541.D
Acq On : 26 Mar 2020 20:38
Operator : CG/JU
Sample : L2017-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FE-SB-32-(8.5-9)

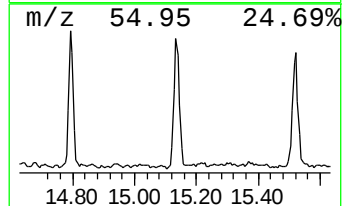
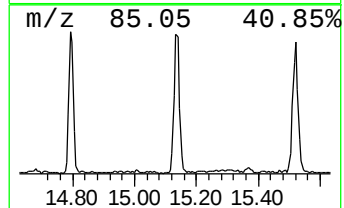
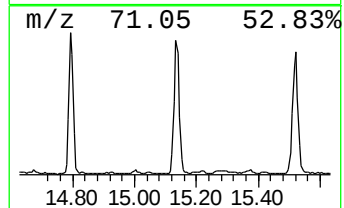
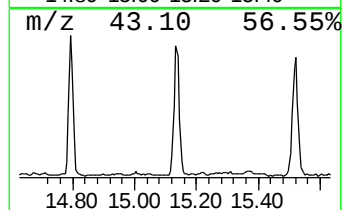
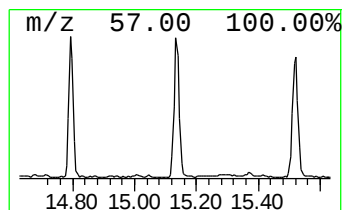
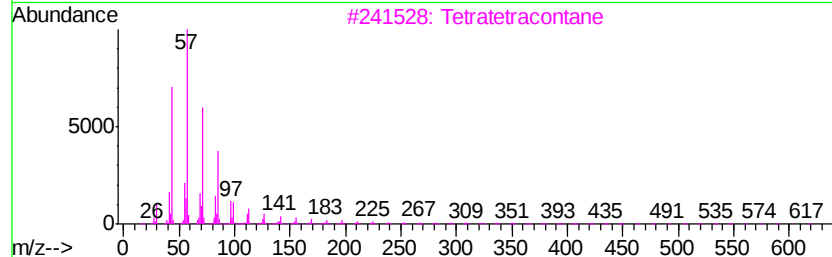
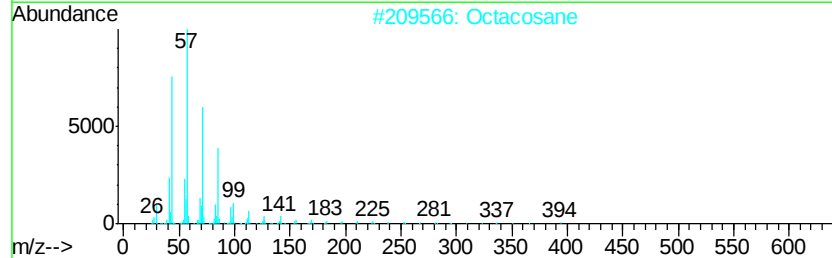
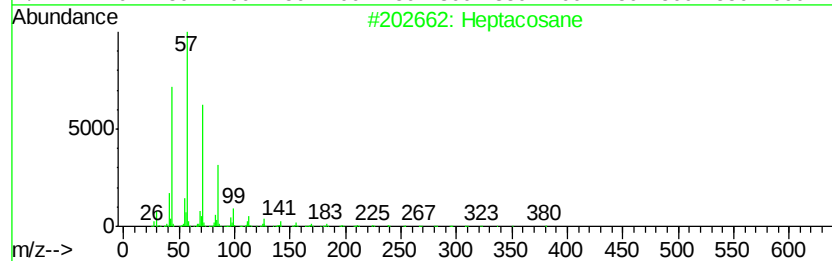
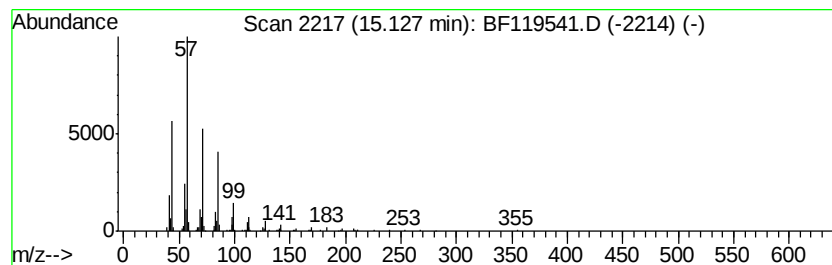
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.76 ng	686416	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	Hexatriacontane		507	C36H74	000630-06-8	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119541.D
Acq On : 26 Mar 2020 20:38
Operator : CG/JU
Sample : L2017-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

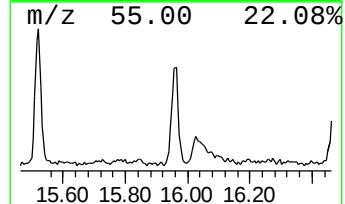
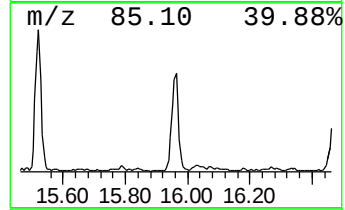
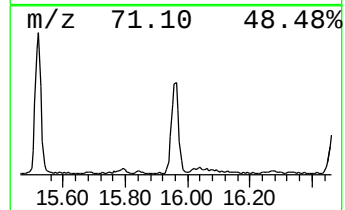
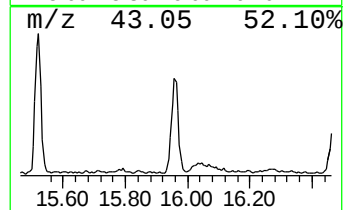
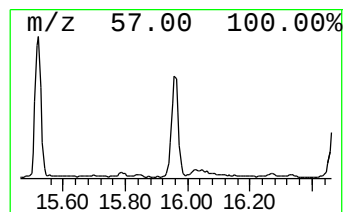
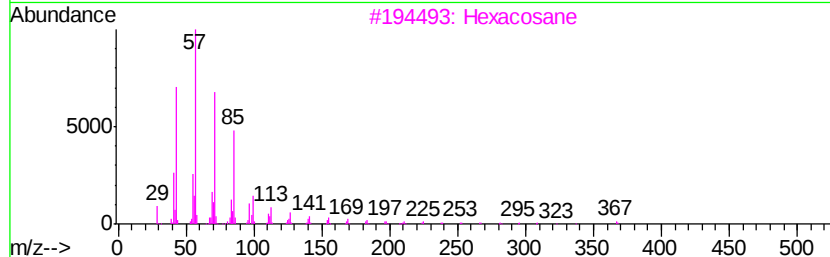
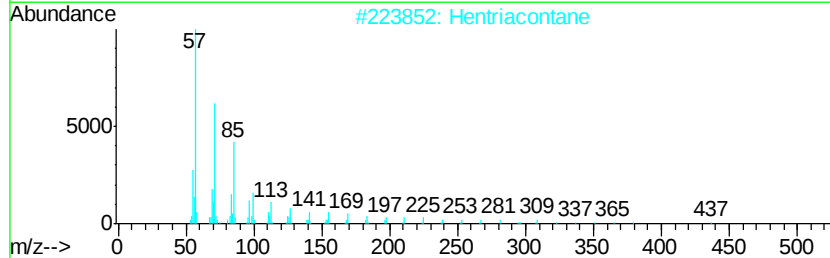
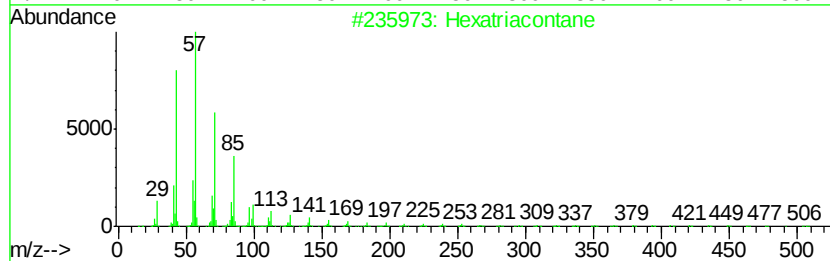
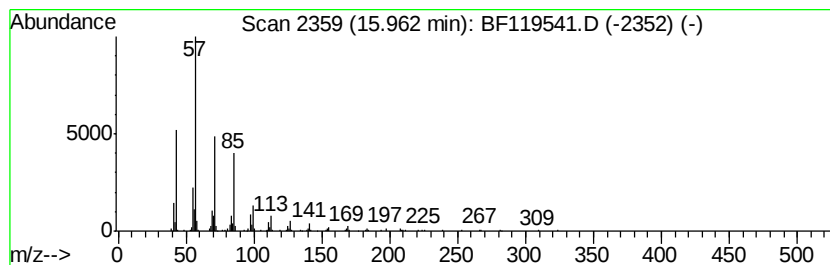
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexatriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.93 ng	587001	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	91
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Hexacosane	366	C26H54	000630-01-3	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119541.D
 Acq On : 26 Mar 2020 20:38
 Operator : CG/JU
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 FE-SB-32-(8.5-9)

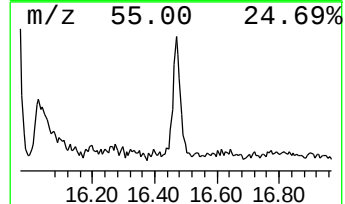
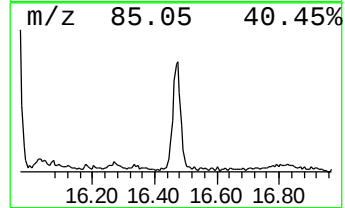
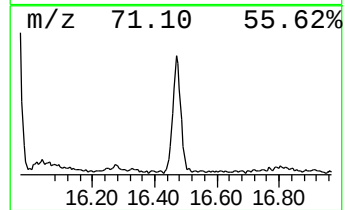
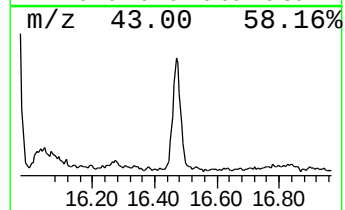
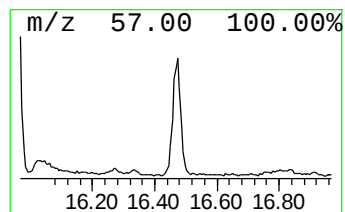
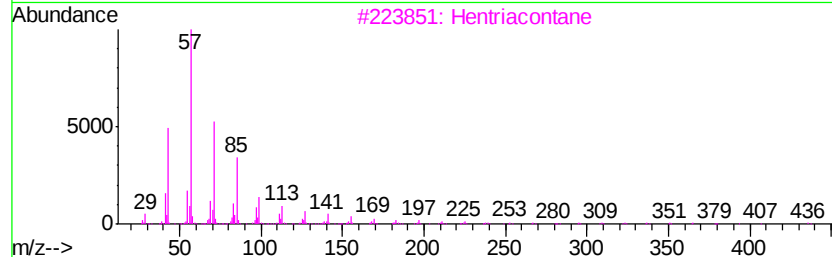
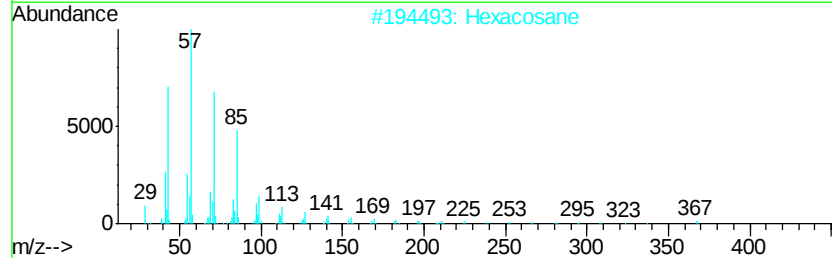
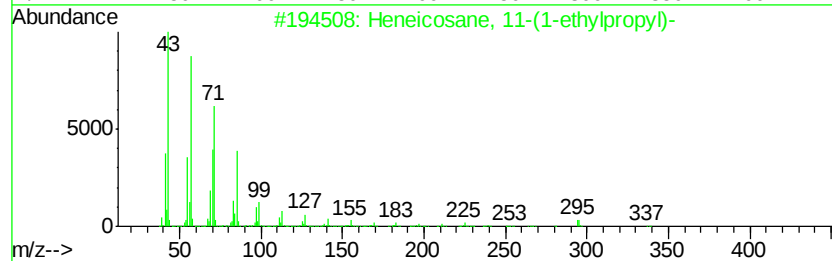
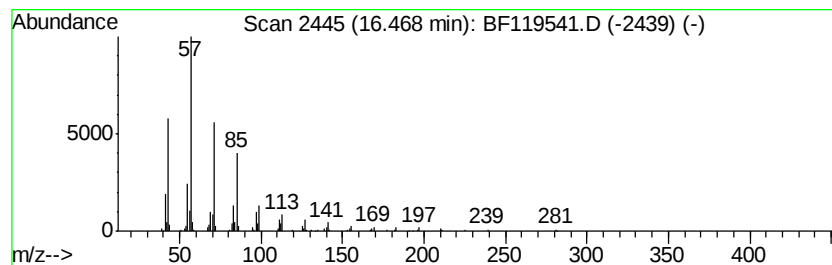
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Heneicosane, 11-(1-ethylpro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.21 ng	382378	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119541.D
 Acq On : 26 Mar 2020 20:38
 Operator : CG/JU
 Sample : L2017-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-32-(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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2-Pentanone, 4-hy...	5.05	3.5	ng	292746	1	6.83	1676140	20.0
n-Hexadecanoic acid	11.90	8.2	ng	1145710	4	11.37	2796960	20.0
Octadecanoic acid	12.69	5.9	ng	825213	4	11.37	2796960	20.0
Cycloeicosane	13.86	7.8	ng	997726	5	14.01	2562720	20.0
Tetracosane	14.49	3.3	ng	419958	5	14.01	2562720	20.0
Octacosane	14.79	4.8	ng	572317	6	15.47	2383480	20.0
Heptacosane	15.13	5.8	ng	686416	6	15.47	2383480	20.0
Hexatriacontane	15.96	4.9	ng	587001	6	15.47	2383480	20.0
Heneicosane, 11-(...	16.47	3.2	ng	382378	6	15.47	2383480	20.0