

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119558.D
 Acq On : 27 Mar 2020 10:02
 Operator : CG/JU
 Sample : L2029-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1G-(0-2)

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	2.210	16	21	28	rVB	96172	127616	1.80%	0.209%
2	5.040	494	502	511	rBV	791460	1045411	14.77%	1.716%
3	5.445	566	571	574	rBV	6060396	5772374	81.53%	9.474%
4	6.457	737	743	746	rBV	5495165	5861301	82.79%	9.619%
5	6.834	803	807	810	rBV	1967062	1501369	21.21%	2.464%
6	6.992	829	834	837	rBV	5252625	4616948	65.21%	7.577%
7	7.392	897	902	905	rBV	3802534	3911605	55.25%	6.420%
8	8.116	1021	1025	1029	rBV	2391906	1996529	28.20%	3.277%
9	9.198	1203	1209	1212	rBV	7914072	7080055	100.00%	11.620%
10	9.586	1271	1275	1284	rVB	630892	552689	7.81%	0.907%
11	9.874	1319	1324	1328	rBV	2755614	2359613	33.33%	3.873%
12	10.663	1453	1458	1462	rBV	4652248	4595588	64.91%	7.542%
13	11.363	1573	1577	1580	rBV	3073108	2476429	34.98%	4.064%
14	11.892	1664	1667	1677	rBV	621692	661322	9.34%	1.085%
15	12.610	1780	1789	1799	rBV	2539532	3583053	50.61%	5.880%
16	12.680	1799	1801	1814	rVV	694221	882308	12.46%	1.448%
17	12.774	1814	1817	1820	rVB	128898	123328	1.74%	0.202%
18	12.957	1843	1848	1851	rBV	7494368	7075710	99.94%	11.613%
19	13.415	1921	1926	1935	rBV2	204011	350472	4.95%	0.575%
20	13.486	1935	1938	1940	rVB	98324	82130	1.16%	0.135%
21	13.862	1998	2002	2018	rBV2	238715	492887	6.96%	0.809%
22	14.004	2022	2026	2029	rBV	2284254	1971739	27.85%	3.236%
23	14.180	2051	2056	2058	rBV	158557	158213	2.23%	0.260%
24	14.339	2078	2083	2086	rBV2	59827	97026	1.37%	0.159%
25	14.480	2102	2107	2112	rBV	317203	350762	4.95%	0.576%
26	14.639	2130	2134	2142	rBV	109686	176403	2.49%	0.290%
27	14.786	2156	2159	2164	rVB	312202	328557	4.64%	0.539%
28	15.127	2213	2217	2223	rBV	298465	345788	4.88%	0.568%
29	15.468	2269	2275	2279	rBV	1213614	1553716	21.94%	2.550%
30	15.509	2279	2282	2290	rVB	247868	326965	4.62%	0.537%
31	15.951	2352	2357	2363	rBV	162650	244104	3.45%	0.401%
32	16.462	2438	2444	2448	rBV2	81266	142032	2.01%	0.233%
33	17.568	2623	2632	2639	rBV2	23604	87672	1.24%	0.144%

LSC Area Percent Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1G-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

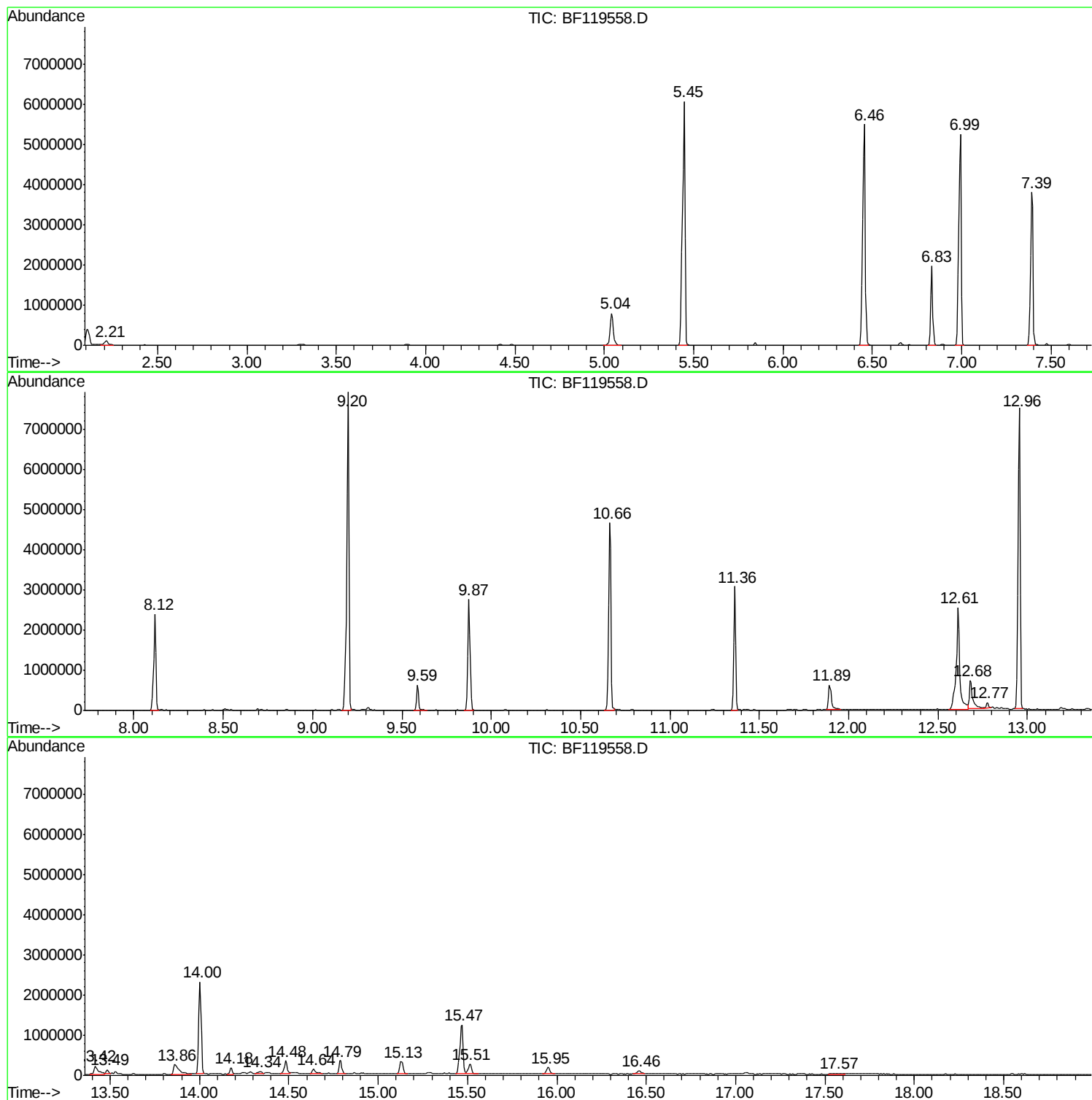
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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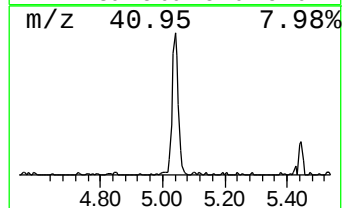
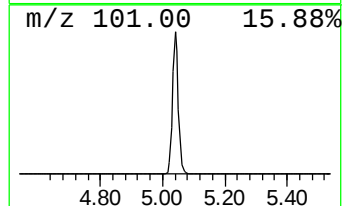
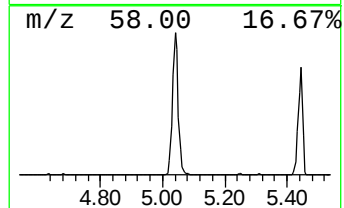
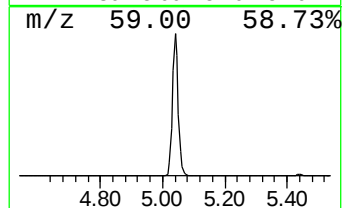
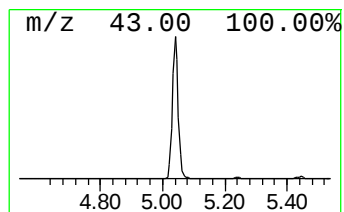
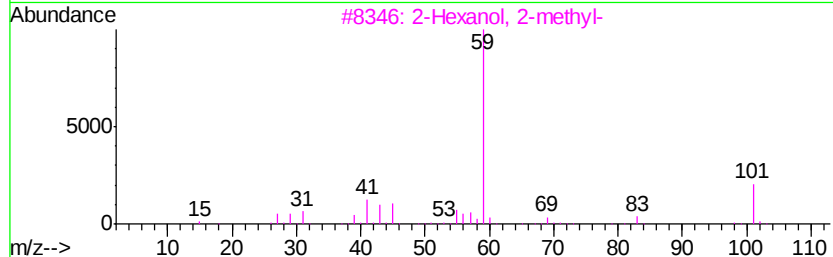
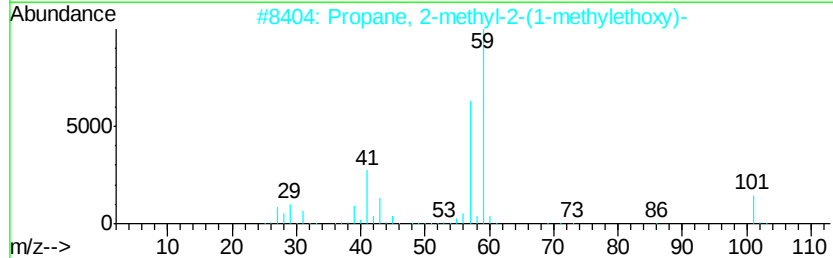
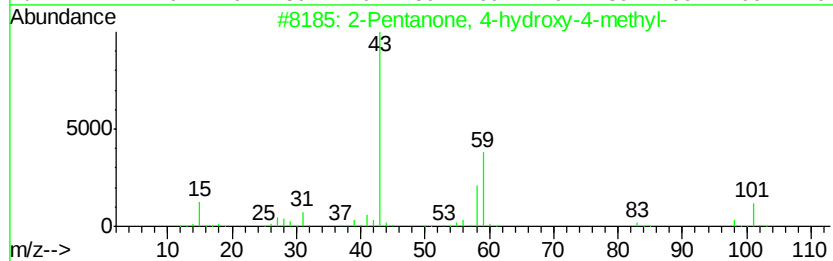
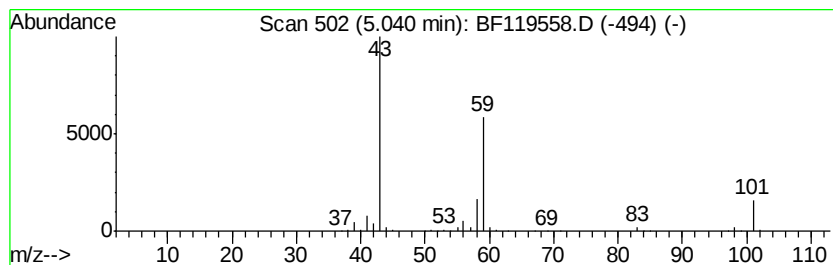
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	13.93 ng	1045410	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			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Octanol	130	C8H18O	000589-98-0	33
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33



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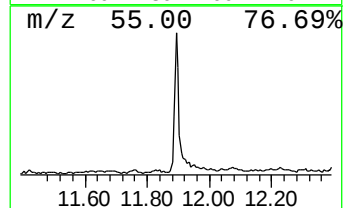
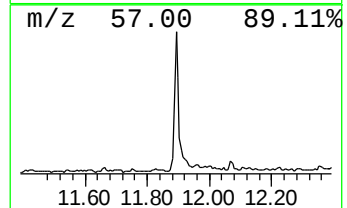
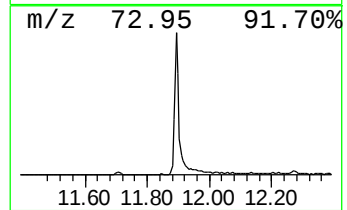
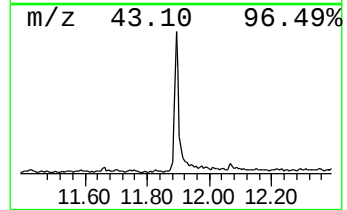
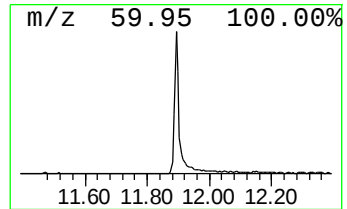
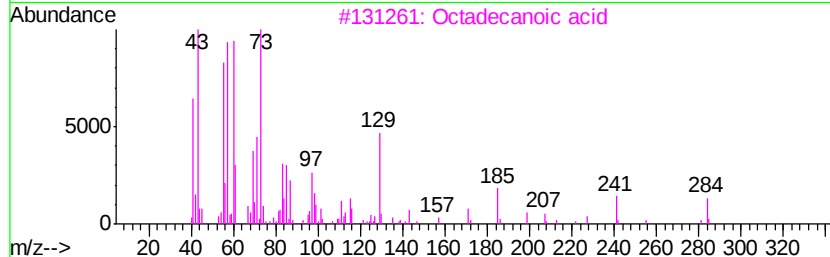
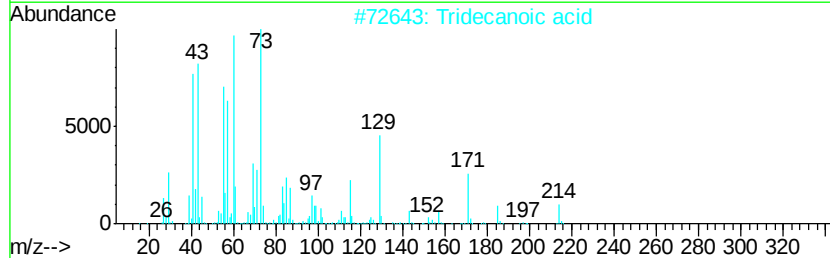
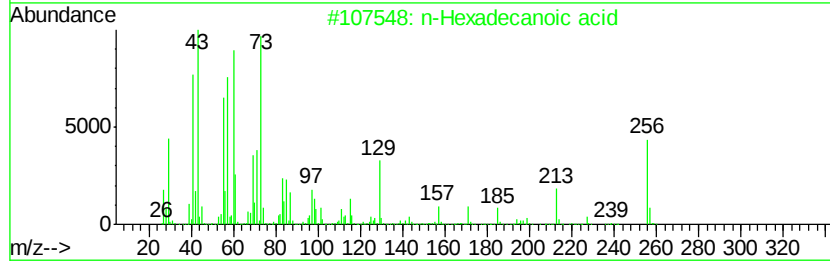
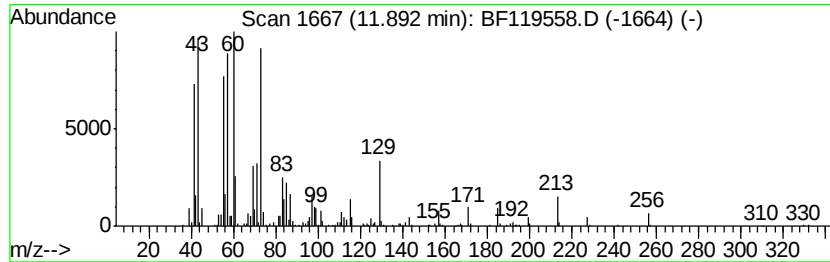
Instrument :
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SB-1G-(0-2)

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	5.34 ng	661322	Phenanthrene-d10	11.36	
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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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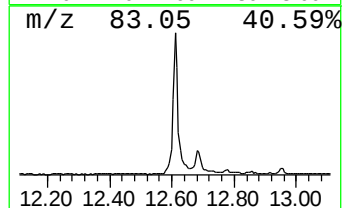
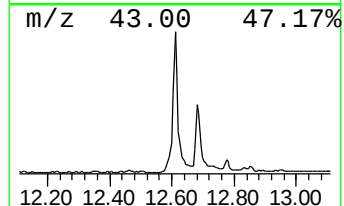
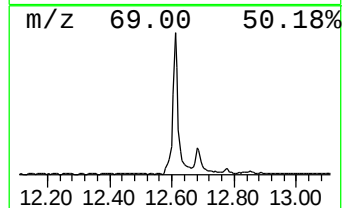
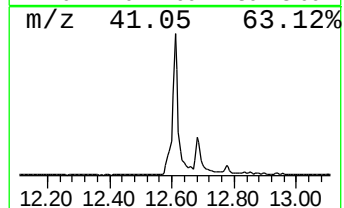
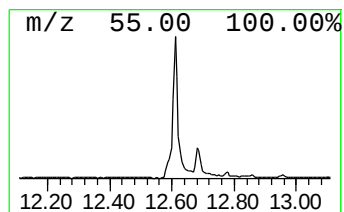
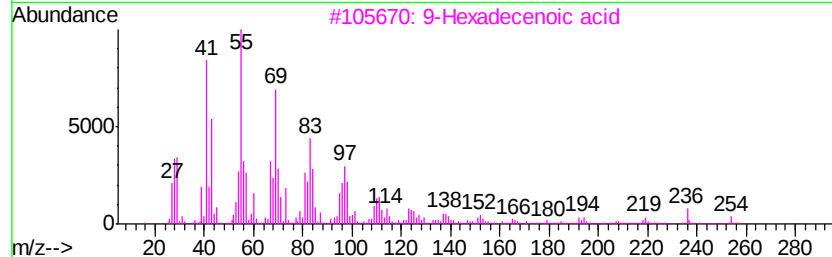
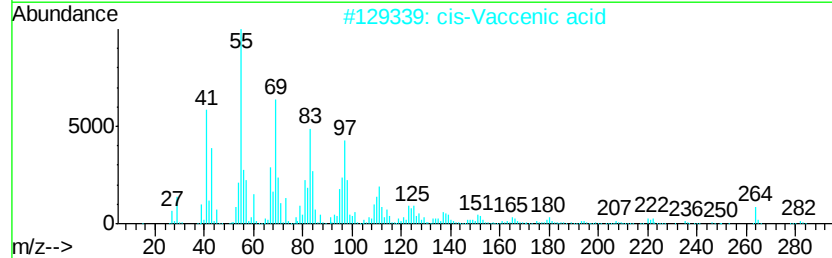
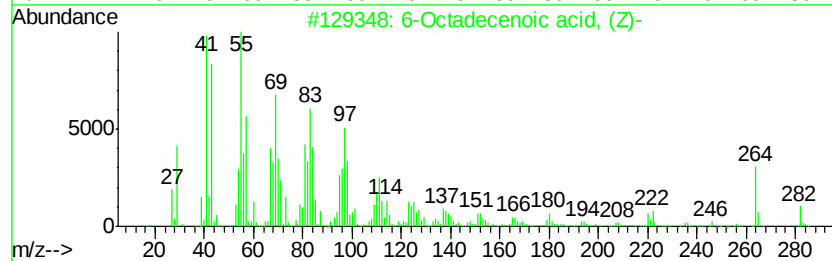
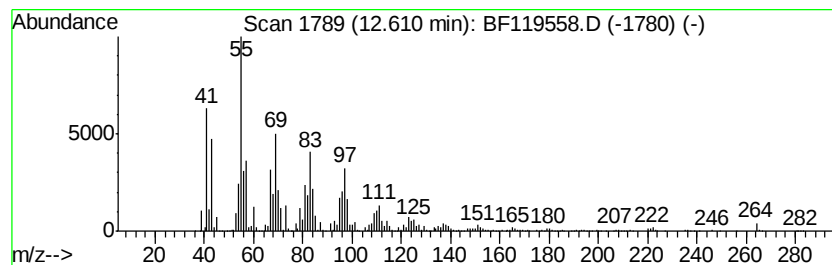
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 6-Octadecenoic acid, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	28.94 ng	3583050	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	93
2		cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	91
4		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
5		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91



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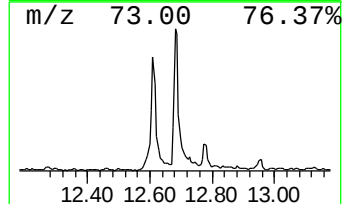
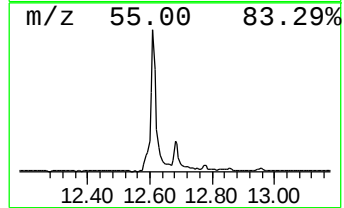
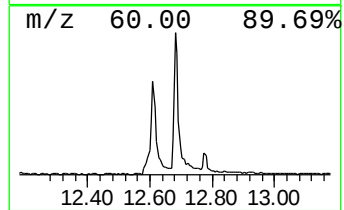
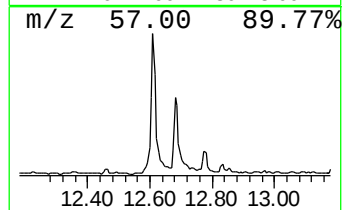
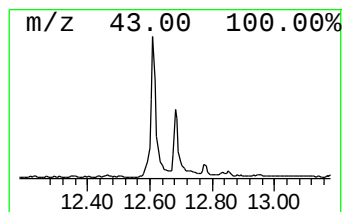
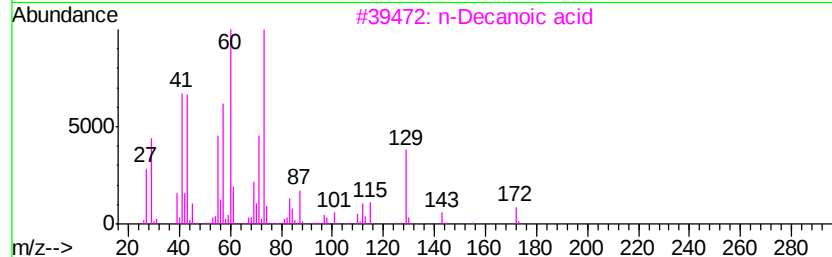
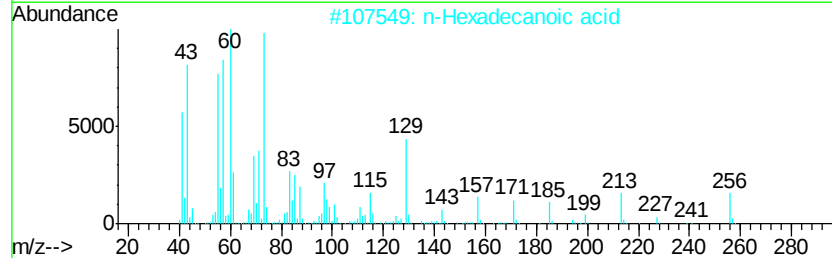
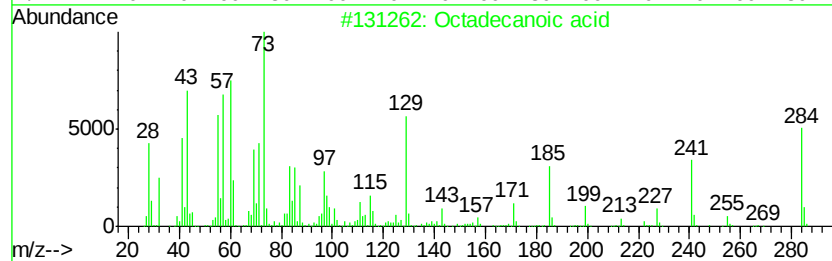
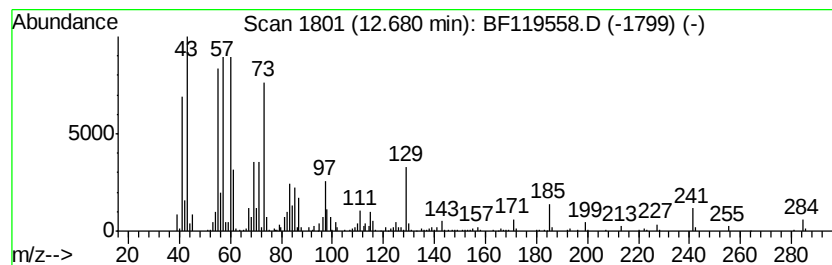
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	7.13 ng	882308	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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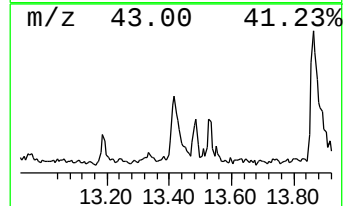
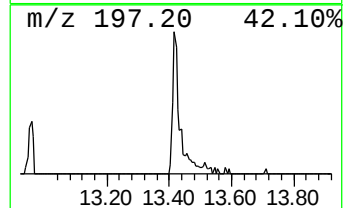
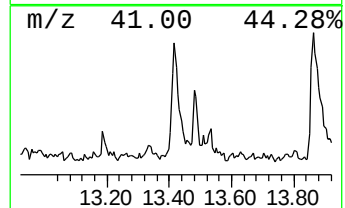
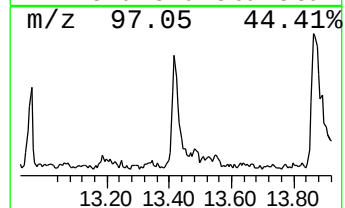
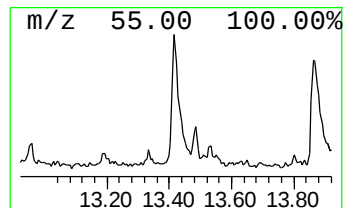
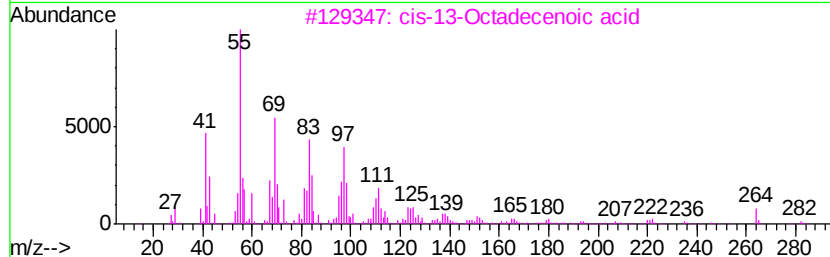
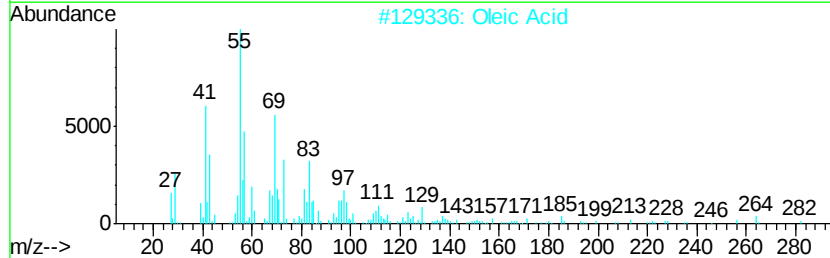
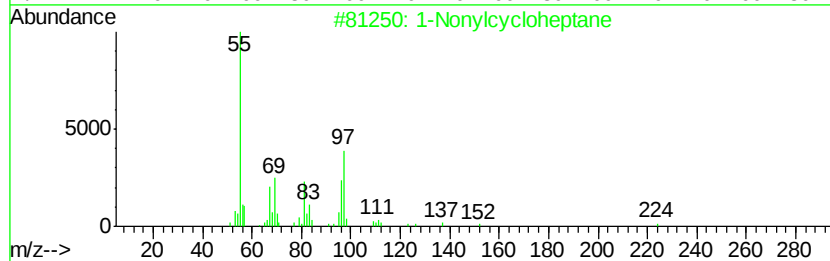
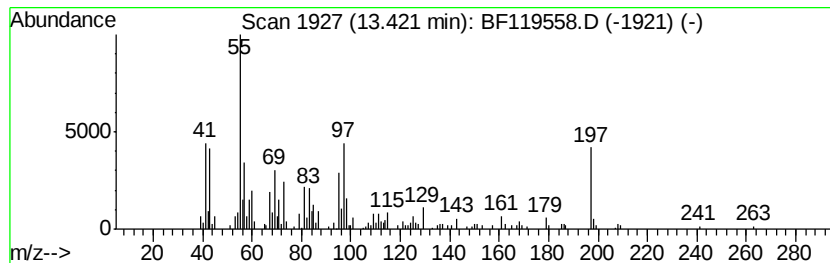
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Peak Number 6 1-Nonylcycloheptane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.42	3.55 ng	350472	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonylcycloheptane	224	C16H32	1000371-47-7	22
2	Oleic Acid	282	C18H34O2	000112-80-1	16
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	14
4	9-Octadecenal, (Z)-	266	C18H34O	002423-10-1	14
5	Cycloheptanemethanol	128	C8H16O	004448-75-3	14



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BNA_F
ClientSampleId :
SB-1G-(0-2)

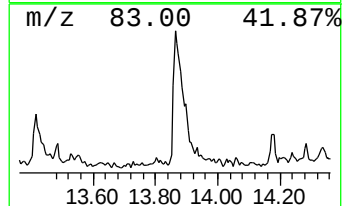
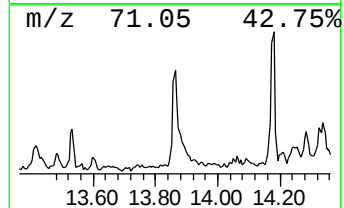
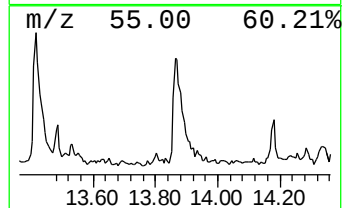
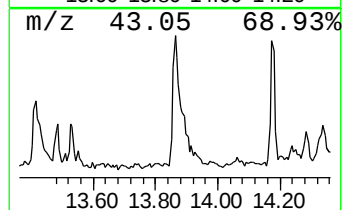
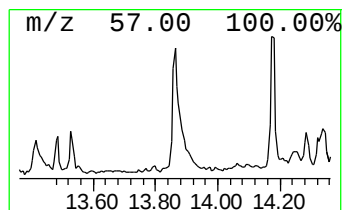
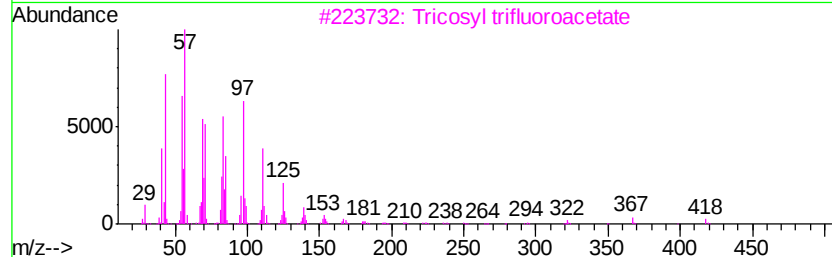
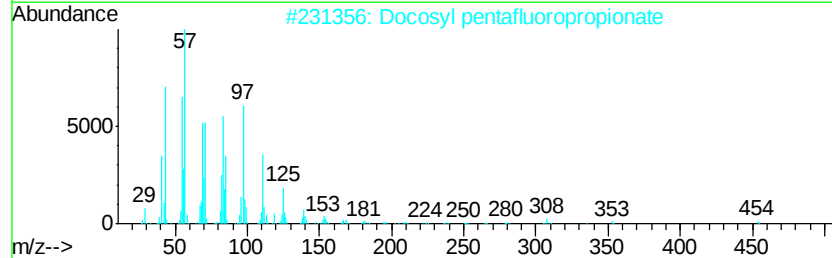
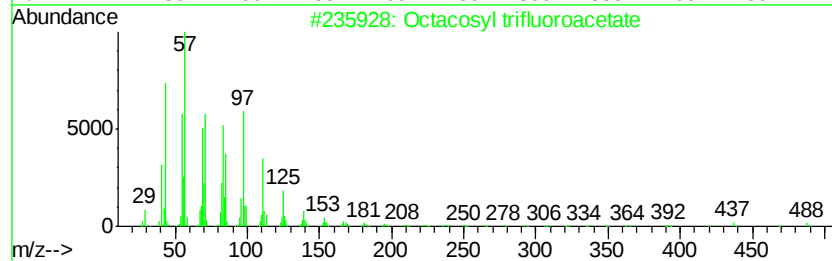
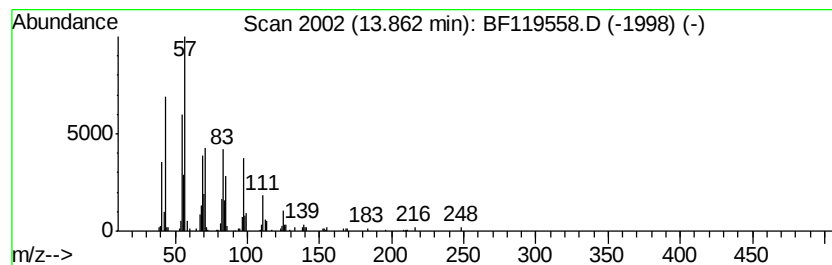
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.00 ng	492887	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4		Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
5		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119558.D
Acq On : 27 Mar 2020 10:02
Operator : CG/JU
Sample : L2029-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1G-(0-2)

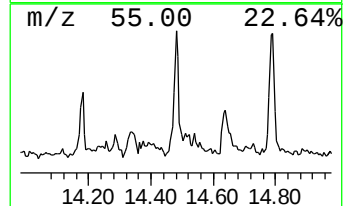
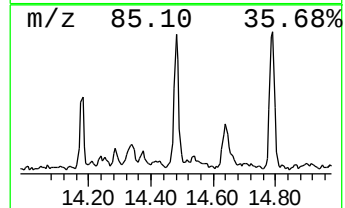
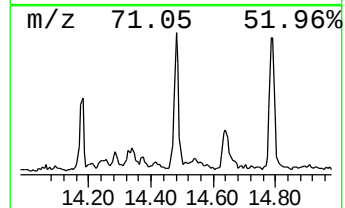
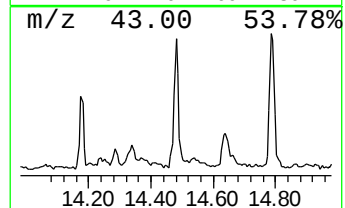
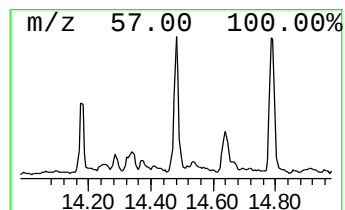
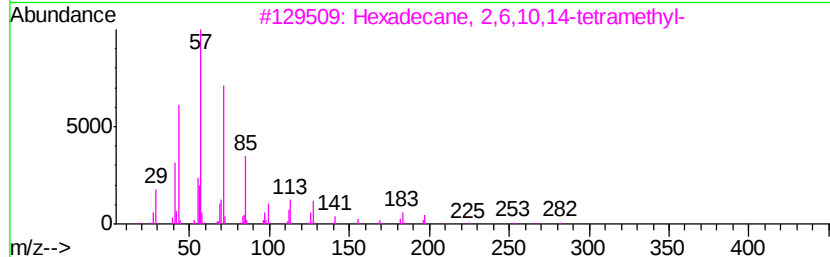
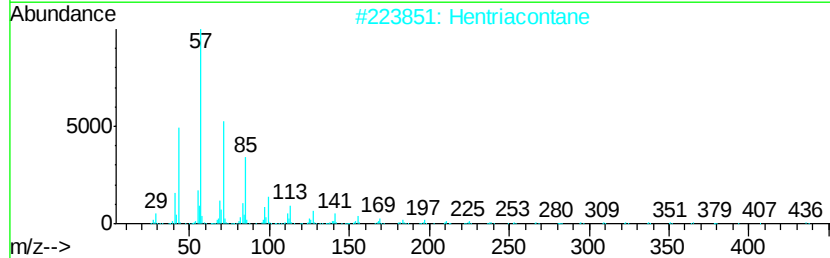
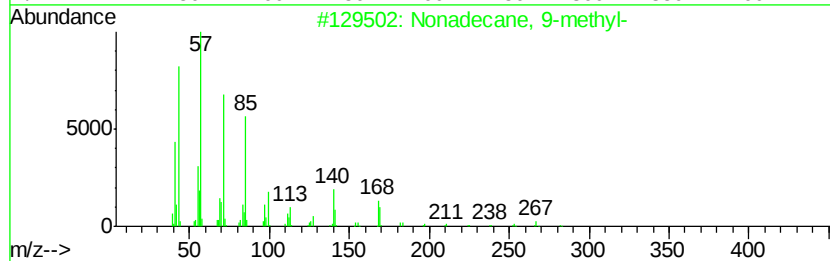
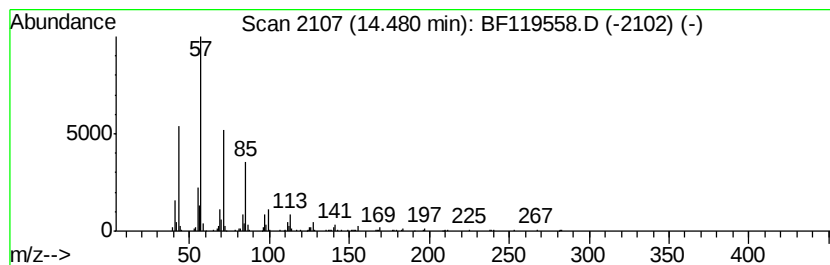
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.56 ng	350762	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Pentacosane	352	C25H52	000629-99-2	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119558.D
Acq On : 27 Mar 2020 10:02
Operator : CG/JU
Sample : L2029-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1G-(0-2)

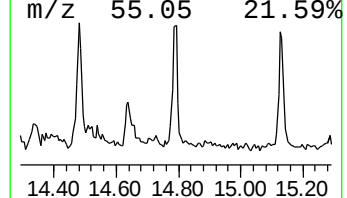
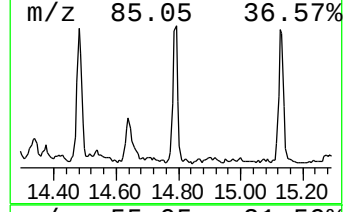
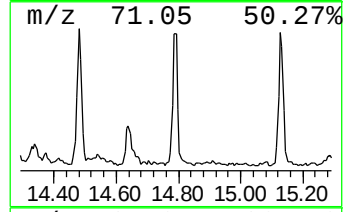
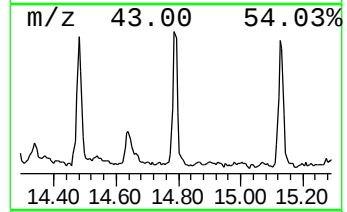
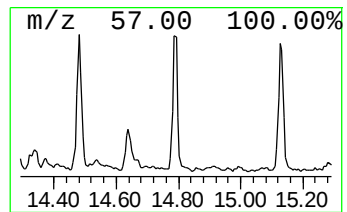
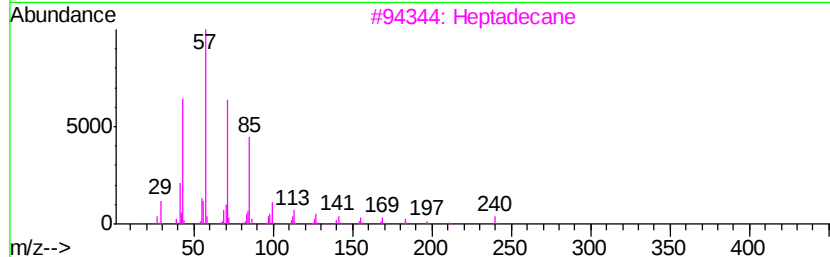
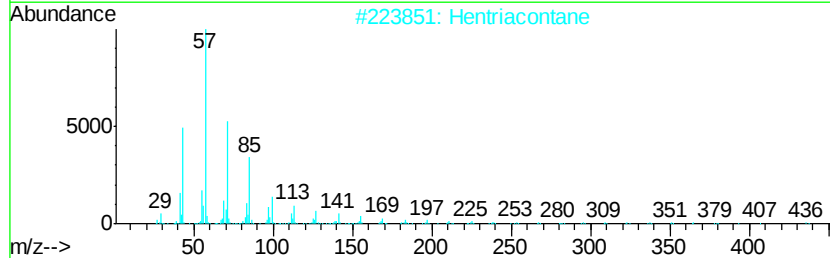
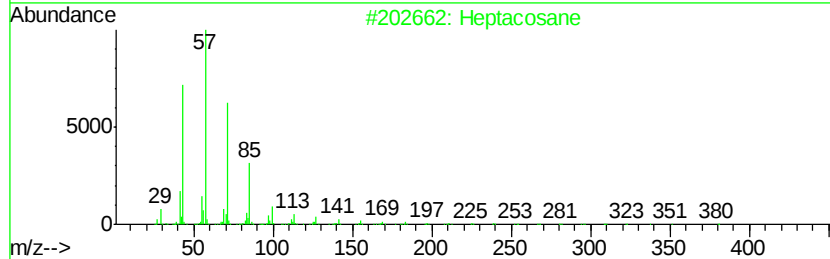
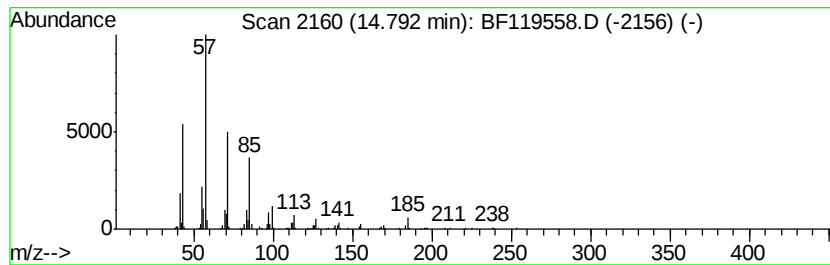
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.23 ng	328557	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	90
2	Hentriacontane		437	C31H64	000630-04-6	87
3	Heptadecane		240	C17H36	000629-78-7	87
4	Octadecane		254	C18H38	000593-45-3	87
5	Hexacosane		366	C26H54	000630-01-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119558.D
 Acq On : 27 Mar 2020 10:02
 Operator : CG/JU
 Sample : L2029-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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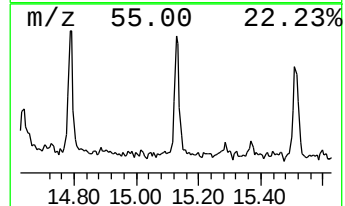
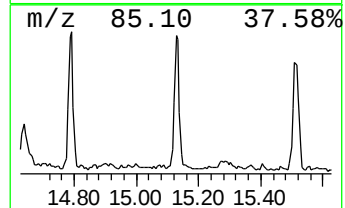
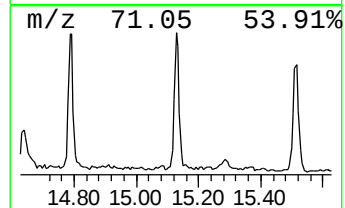
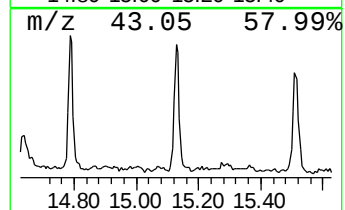
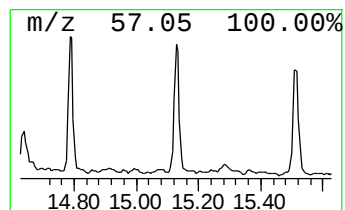
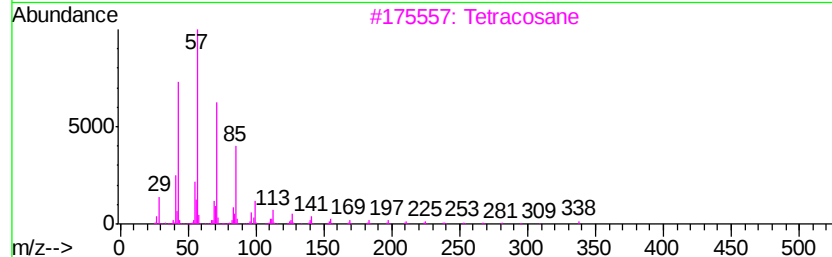
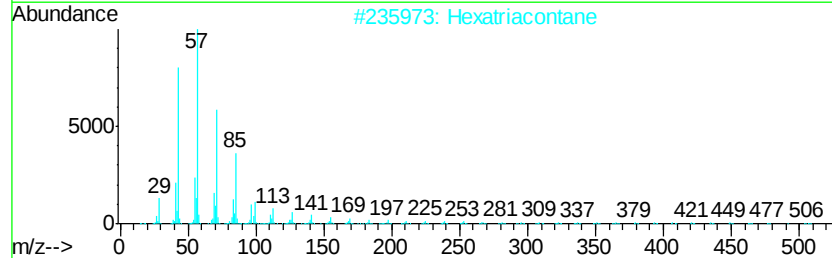
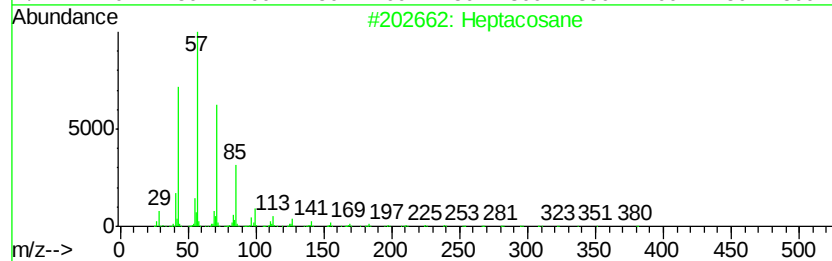
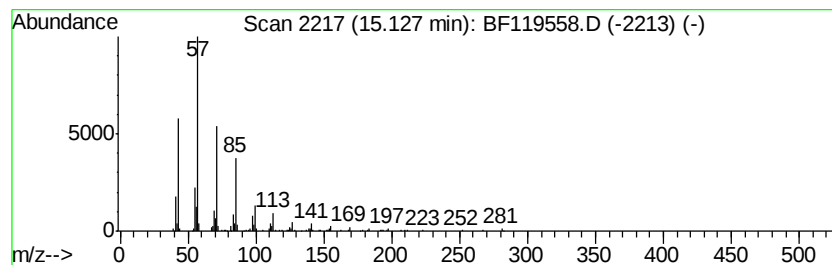
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Hexatriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.45 ng	345788	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexatriacontane	507	C36H74	000630-06-8	91
3			Tetracosane	338	C24H50	000646-31-1	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
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Acq On : 27 Mar 2020 10:02
Operator : CG/JU
Sample : L2029-02
Misc :
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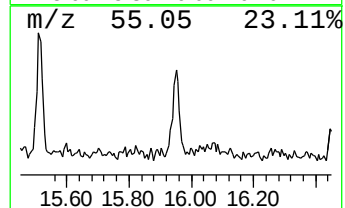
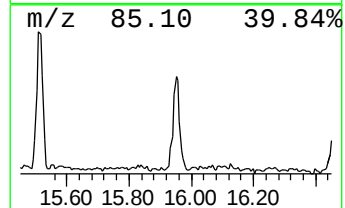
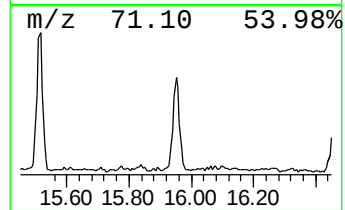
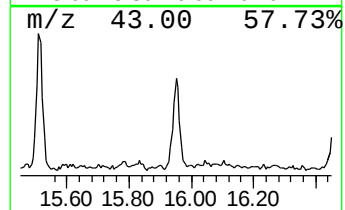
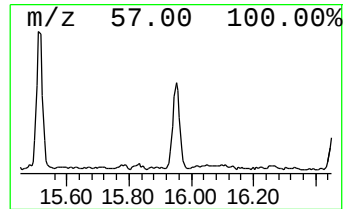
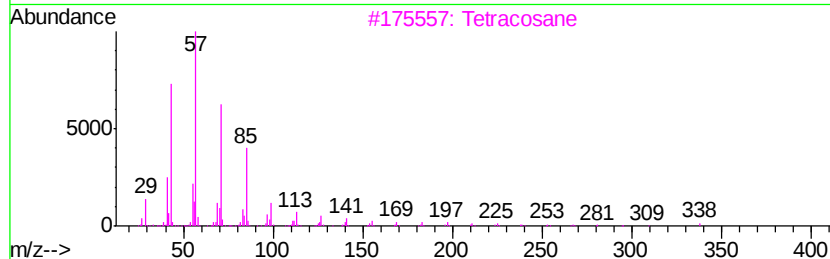
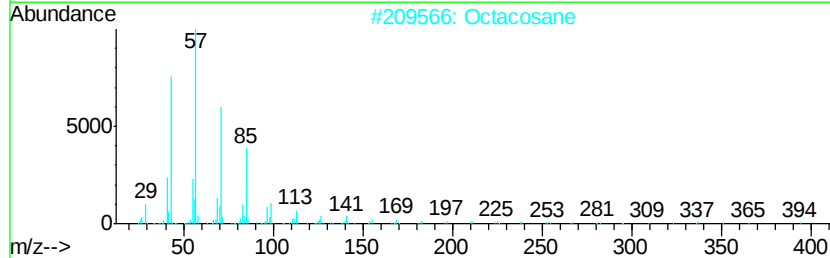
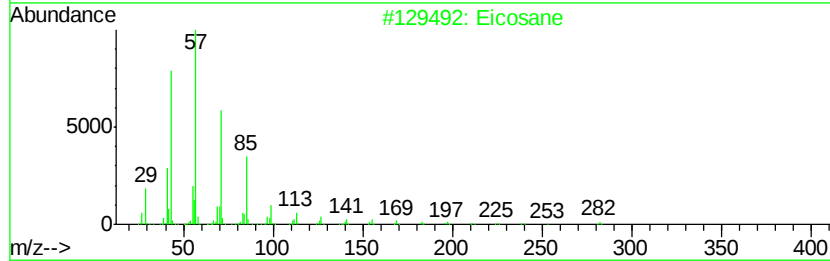
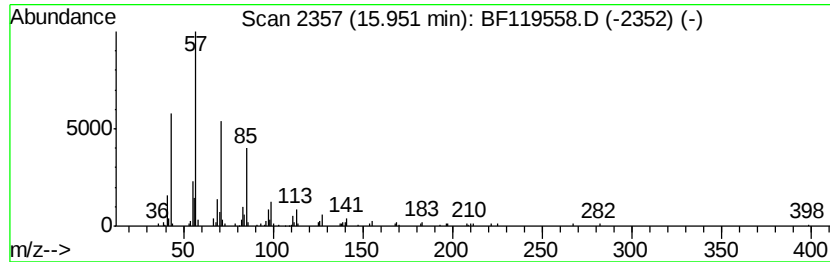
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.14 ng	244104	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Octacosane	394 C28H58	000630-02-4	90
3	Tetracosane	338 C24H50	000646-31-1	90
4	Heptacosane	380 C27H56	000593-49-7	90
5	Octadecane	254 C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119558.D
 Acq On : 27 Mar 2020 10:02
 Operator : CG/JU
 Sample : L2029-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1G-(0-2)

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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n-Hexadecanoic acid	11.89	5.3	ng	661322	4	11.36	2476430	20.0
6-Octadecenoic ac...	12.61	28.9	ng	3583050	4	11.36	2476430	20.0
Octadecanoic acid	12.68	7.1	ng	882308	4	11.36	2476430	20.0
1-Nonylcycloheptane	13.42	3.5	ng	350472	5	14.00	1971740	20.0
Octacosyl trifluo...	13.86	5.0	ng	492887	5	14.00	1971740	20.0
Nonadecane, 9-met...	14.48	3.6	ng	350762	5	14.00	1971740	20.0
Heptacosane	14.79	4.2	ng	328557	6	15.47	1553720	20.0
Hexatriacontane	15.13	4.5	ng	345788	6	15.47	1553720	20.0
Eicosane	15.95	3.1	ng	244104	6	15.47	1553720	20.0