

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118606.D
 Acq On : 20 Jan 2020 22:16
 Operator : CG/JU
 Sample : L1154-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-15

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-BF012020.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	2.240	16	26	32	rBV	3028340	4421005	26.93%	3.010%
2	5.116	505	515	526	rBV	1922164	3003194	18.30%	2.045%
3	5.510	576	582	585	rBV	11496967	13131339	80.00%	8.941%
4	6.510	745	752	755	rBV	11236006	14637730	89.17%	9.966%
5	6.651	771	776	779	rBV	12396137	14178805	86.38%	9.654%
6	6.881	811	815	818	rBV	3304516	2937172	17.89%	2.000%
7	7.040	837	842	845	rVB	11608461	11119901	67.74%	7.571%
8	7.440	904	910	913	rBV	8311577	9116942	55.54%	6.207%
9	8.157	1028	1032	1036	rBV	3675273	3687169	22.46%	2.510%
10	9.239	1210	1216	1219	rBV	14751563	16414972	100.00%	11.176%
11	9.628	1277	1282	1285	rBV	1113324	931538	5.67%	0.634%
12	9.916	1325	1331	1335	rBV	5114118	4509569	27.47%	3.070%
13	10.704	1459	1465	1469	rBV	10567791	11419130	69.57%	7.775%
14	11.398	1578	1583	1587	rBV	4833928	4400771	26.81%	2.996%
15	11.469	1589	1595	1598	rVB2	177124	167128	1.02%	0.114%
16	11.928	1669	1673	1686	rBV	1256721	1419308	8.65%	0.966%
17	12.716	1803	1807	1814	rBV	491656	576309	3.51%	0.392%
18	12.992	1848	1854	1857	rBV	14462753	14941876	91.03%	10.173%
19	13.880	2002	2005	2020	rBV	2378128	2249203	13.70%	1.531%
20	14.033	2027	2031	2035	rBV	3207342	2898658	17.66%	1.974%
21	14.210	2057	2061	2065	rBV	569557	525011	3.20%	0.357%
22	14.516	2107	2113	2119	rBV	1027076	1016864	6.19%	0.692%
23	14.821	2161	2165	2175	rVB	1090737	1209637	7.37%	0.824%
24	15.168	2218	2224	2234	rBV	1052322	1407437	8.57%	0.958%
25	15.504	2276	2281	2285	rBV	2295854	2863434	17.44%	1.950%
26	15.551	2285	2289	2300	rVB	920938	1260987	7.68%	0.859%
27	15.998	2359	2365	2369	rBV	633212	1031643	6.28%	0.702%
28	16.039	2369	2372	2382	rVB2	272486	436538	2.66%	0.297%
29	16.510	2446	2452	2459	rBV	313178	559210	3.41%	0.381%
30	17.110	2550	2554	2561	rVB3	92317	174844	1.07%	0.119%
31	17.192	2562	2568	2575	rBV3	97713	224763	1.37%	0.153%

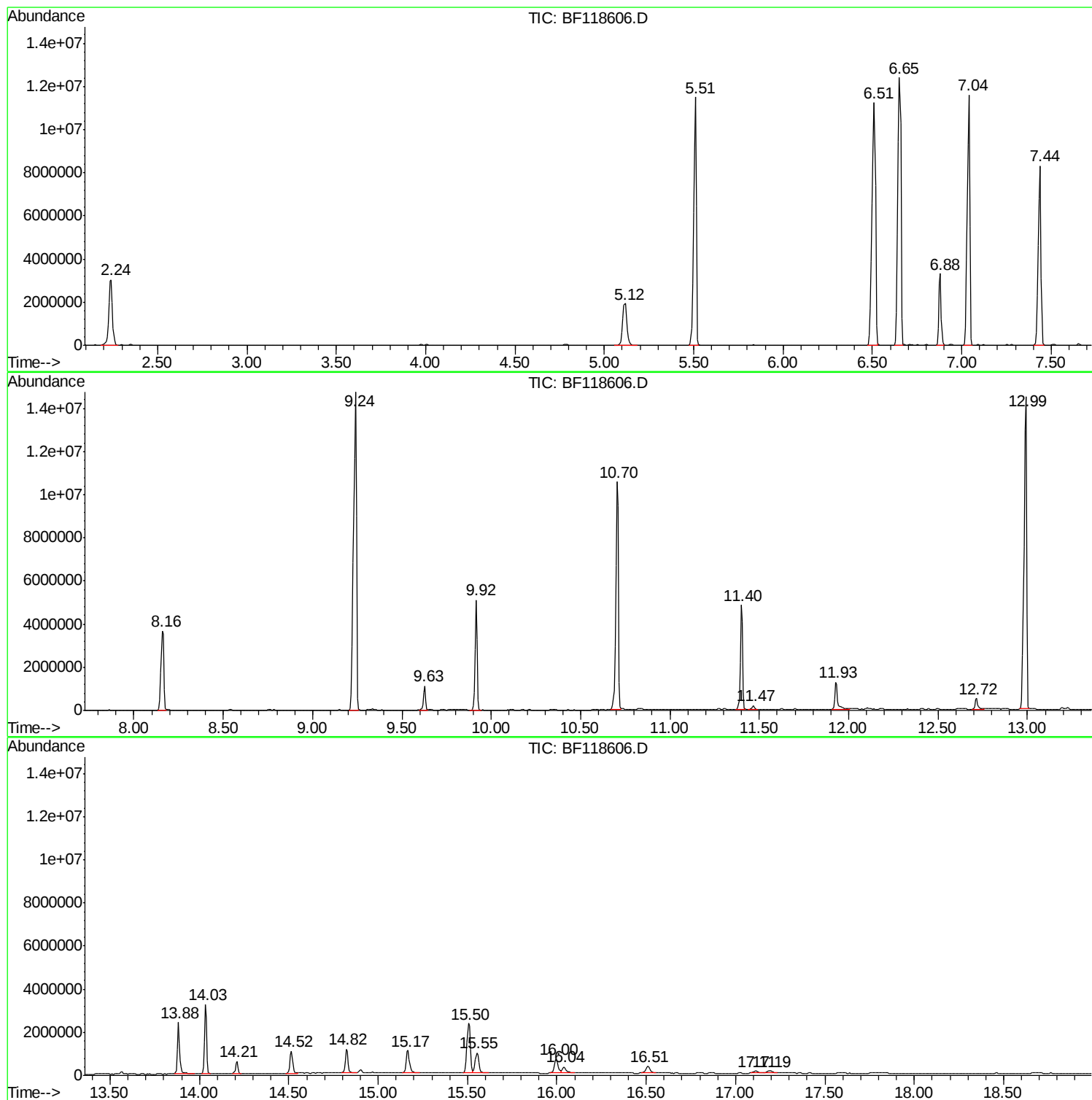
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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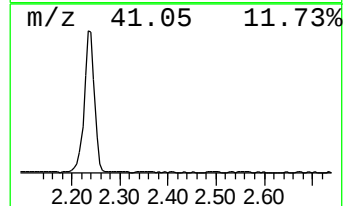
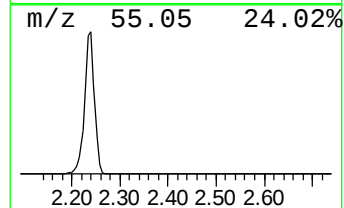
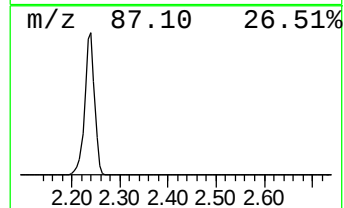
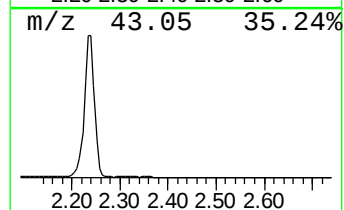
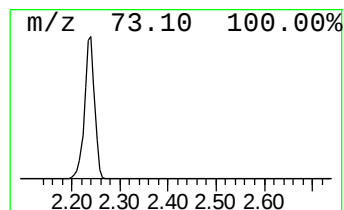
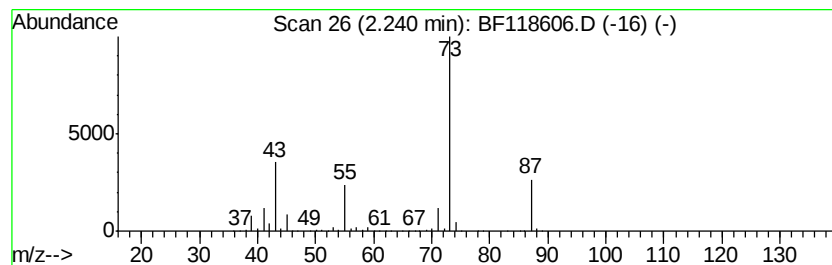
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	30.10 ng	4421010	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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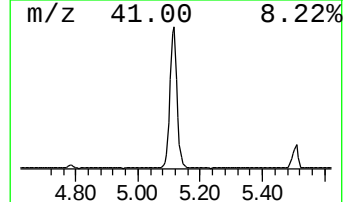
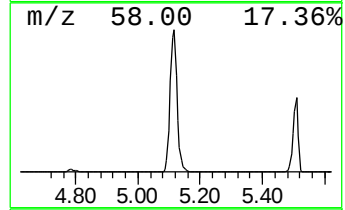
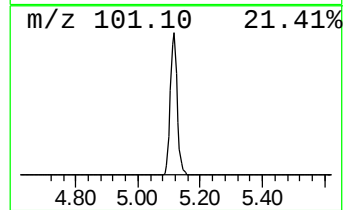
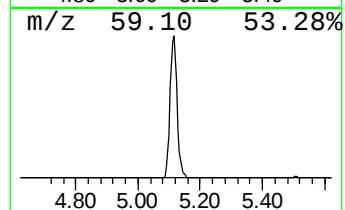
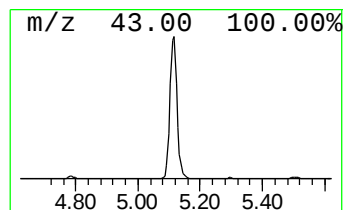
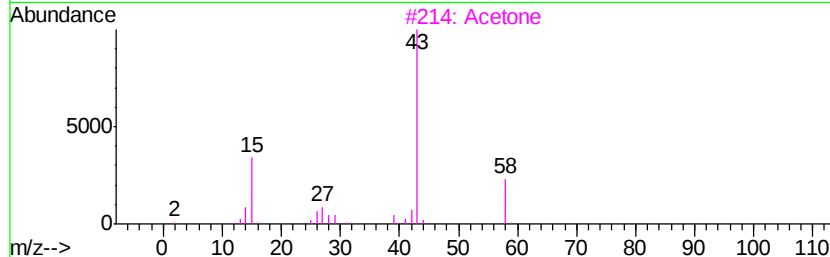
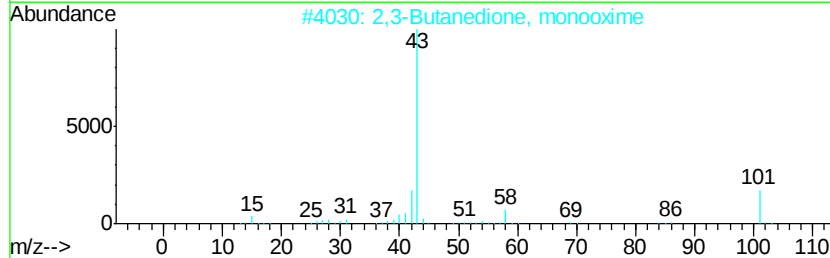
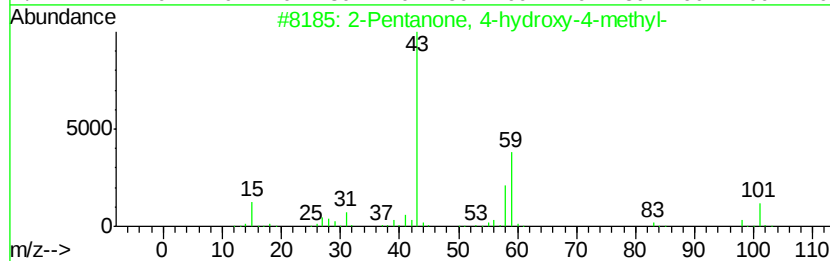
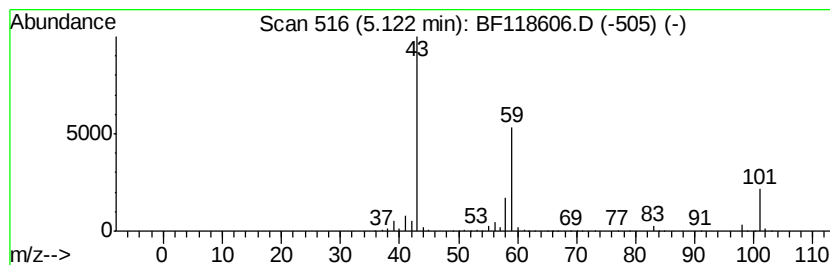
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	20.45 ng	3003190	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetone	58	C3H6O	000067-64-1	10
4		Butane	58	C4H10	000106-97-8	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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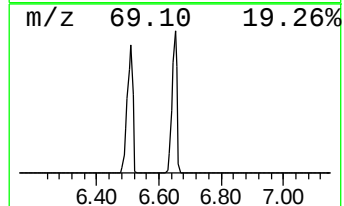
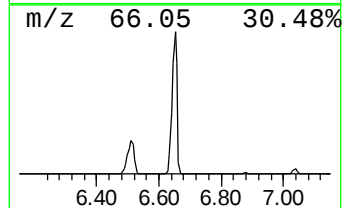
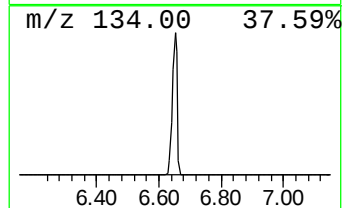
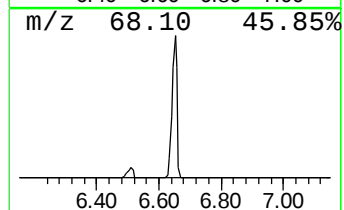
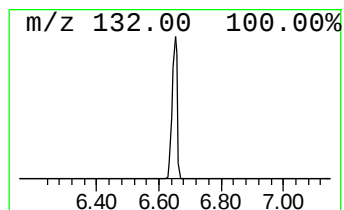
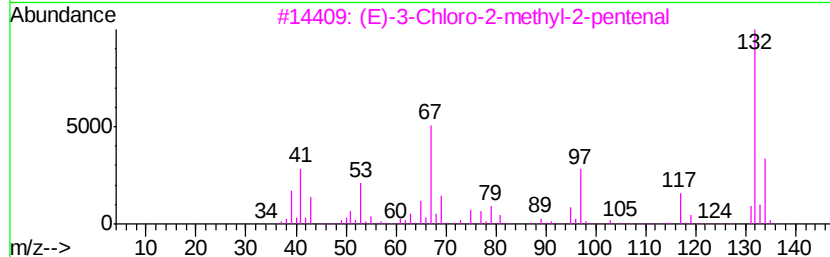
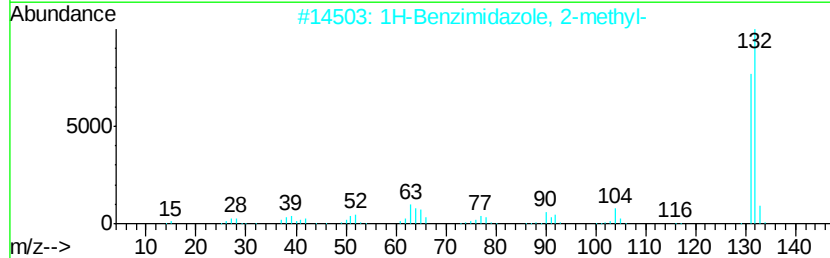
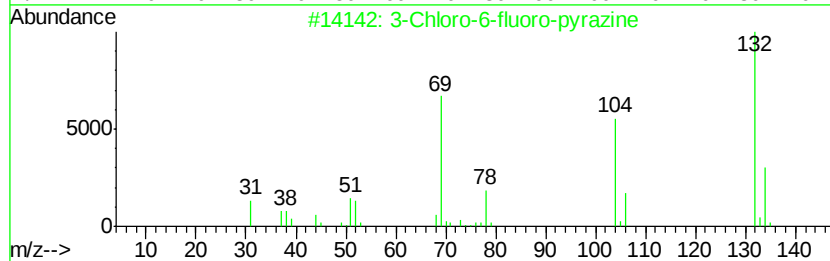
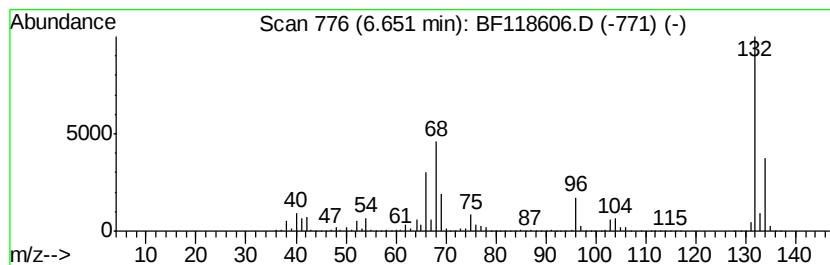
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	96.55 ng	14178800	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5			1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12



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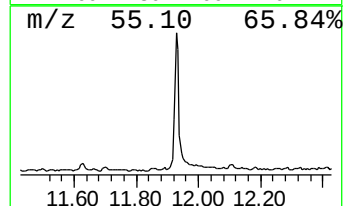
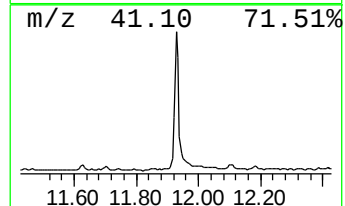
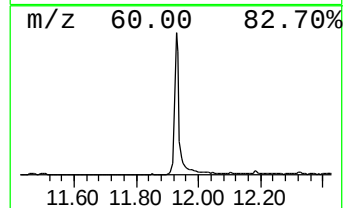
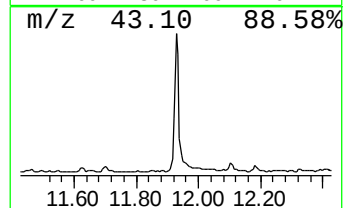
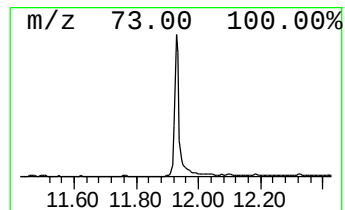
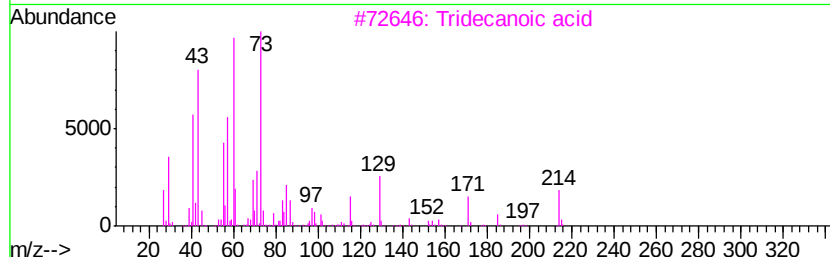
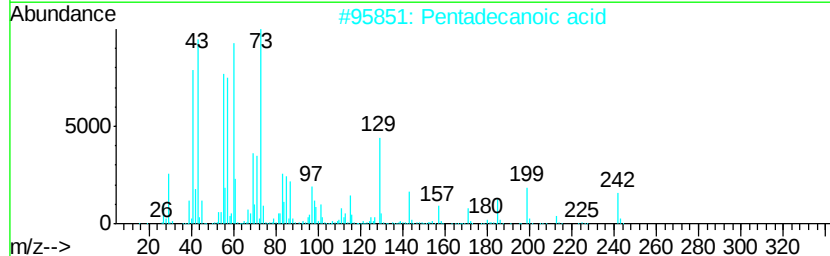
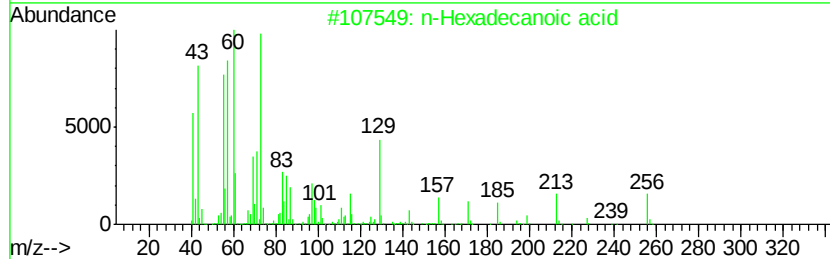
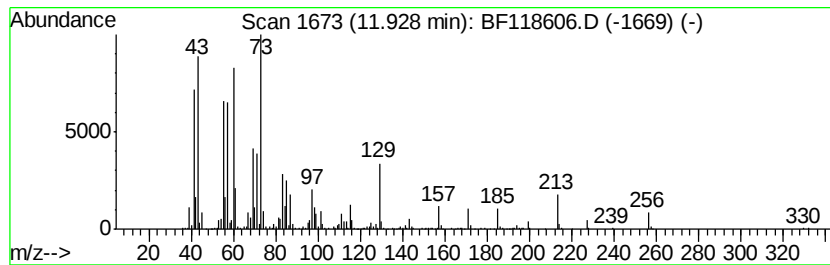
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.45 ng	1419310	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	53



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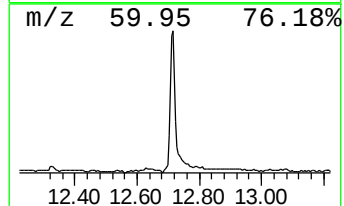
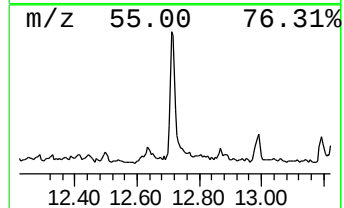
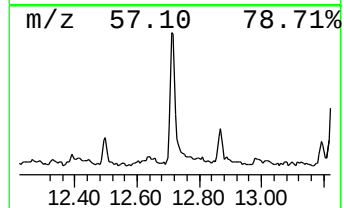
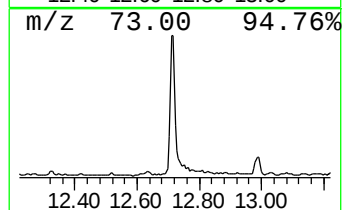
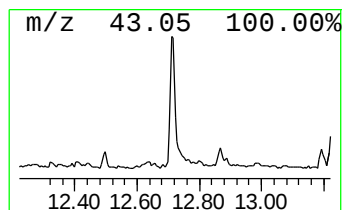
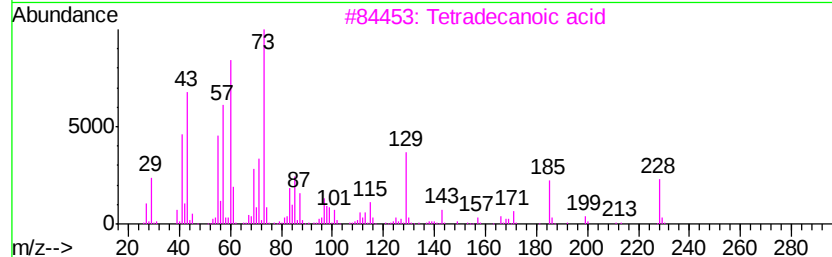
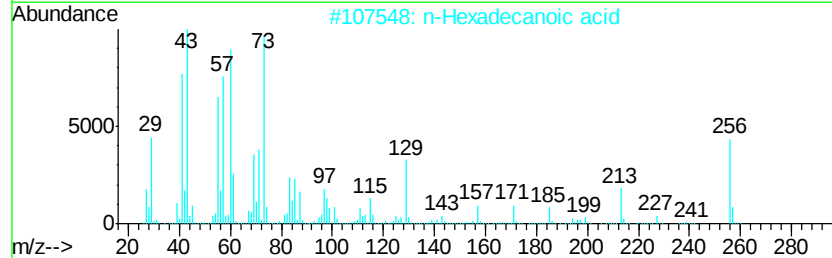
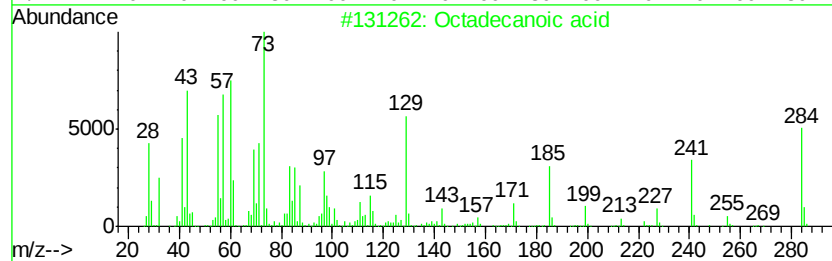
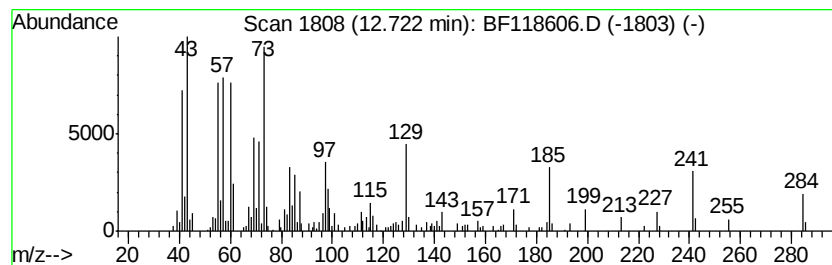
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.72	2.62 ng	576309	Phenanthrene-d10		11.40	
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	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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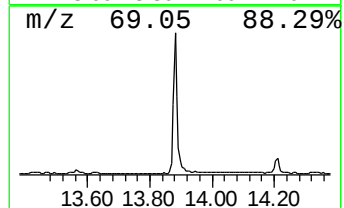
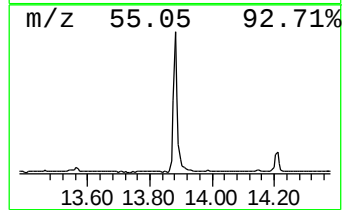
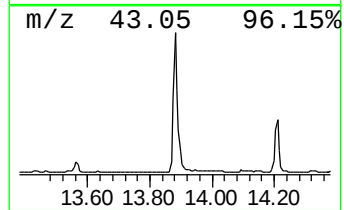
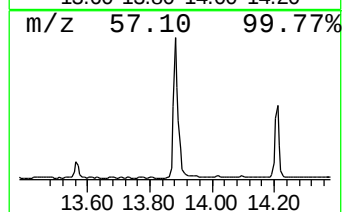
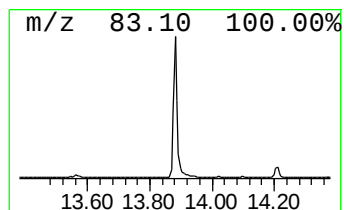
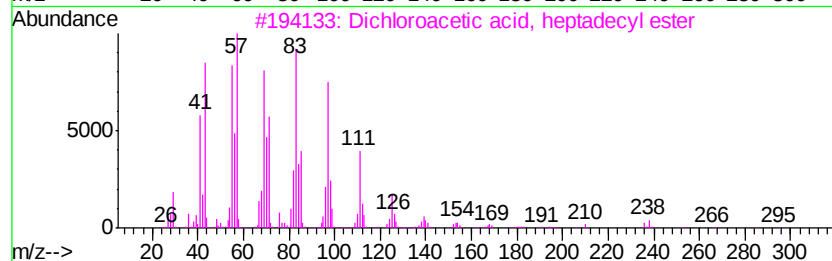
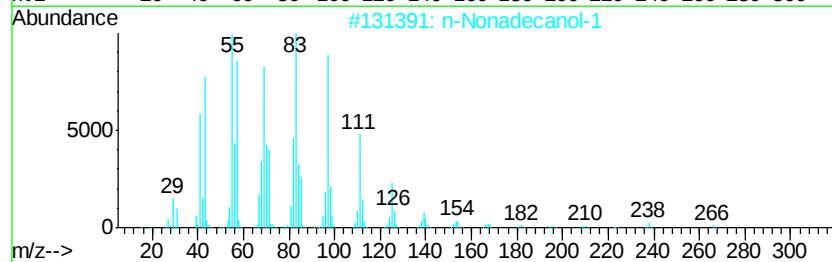
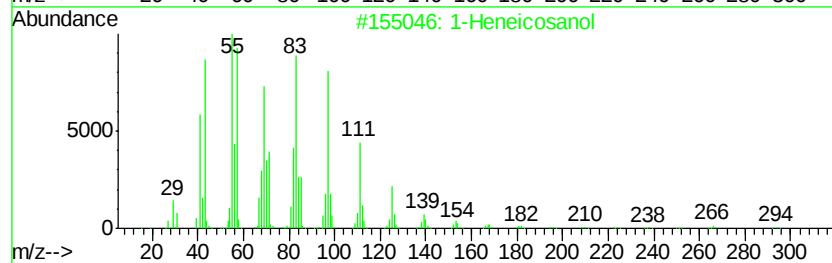
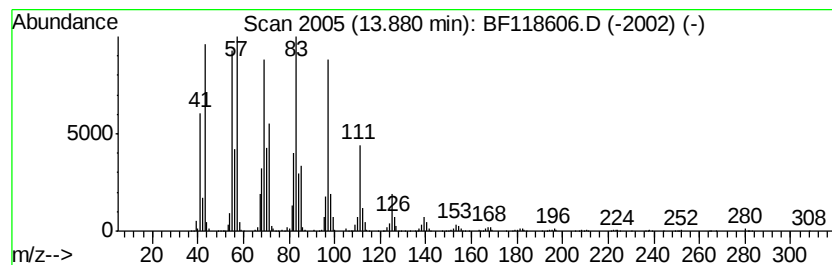
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	15.52 ng	2249200	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	93
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118606.D
Acq On : 20 Jan 2020 22:16
Operator : CG/JU
Sample : L1154-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

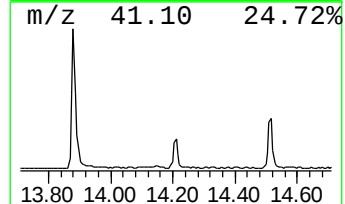
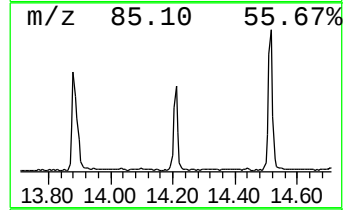
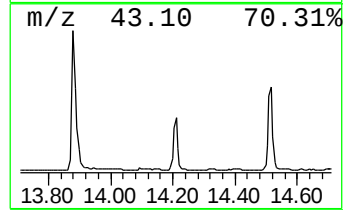
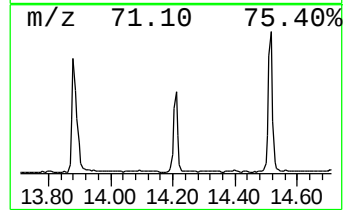
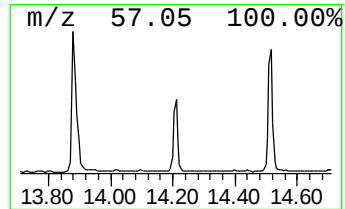
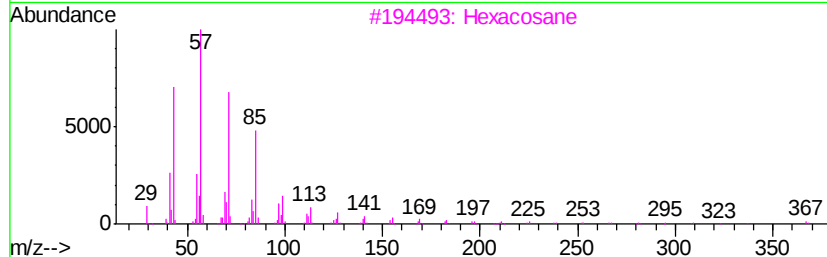
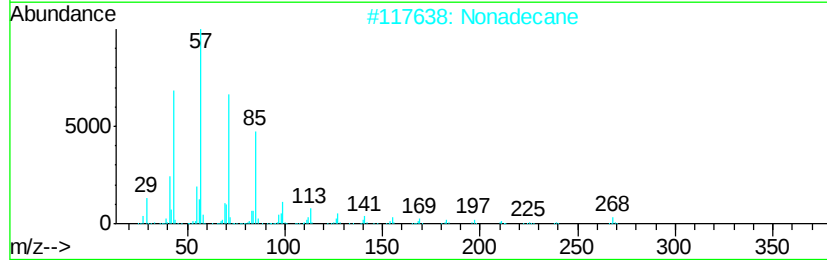
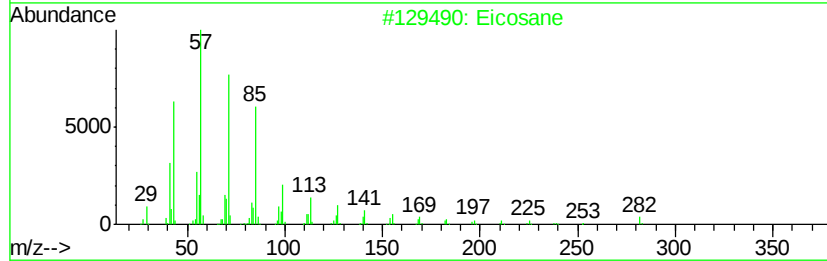
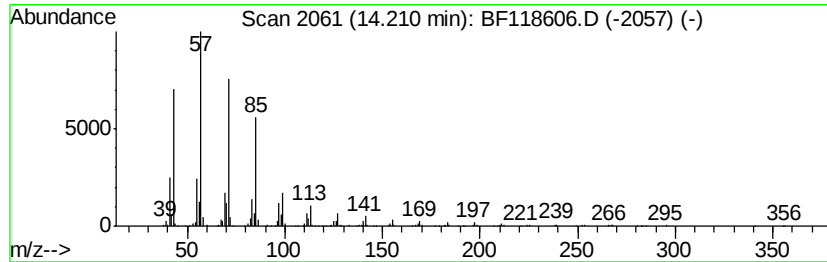
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.21	3.62 ng	525011	Chrysene-d12		14.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Nonadecane		268	C19H40	000629-92-5	97
3	Hexacosane		366	C26H54	000630-01-3	94
4	Heneicosane		296	C21H44	000629-94-7	91
5	Heptadecane		240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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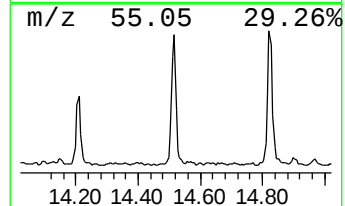
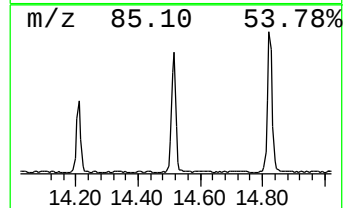
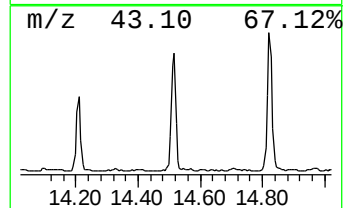
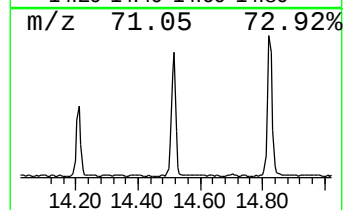
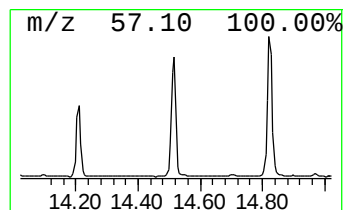
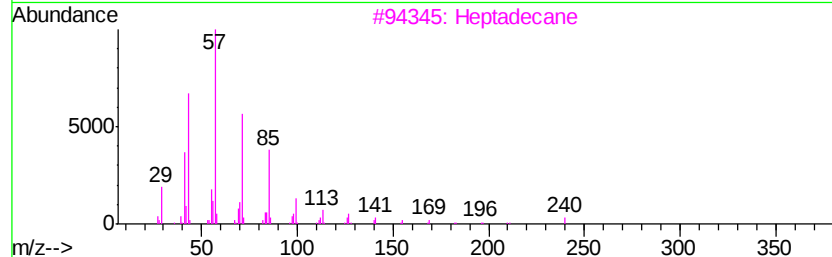
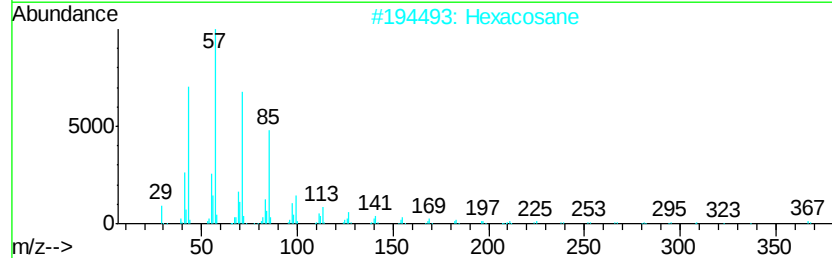
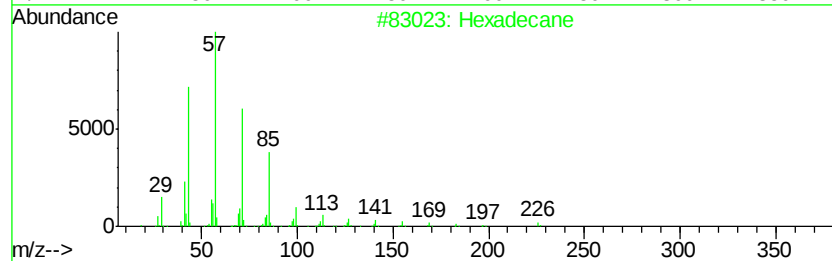
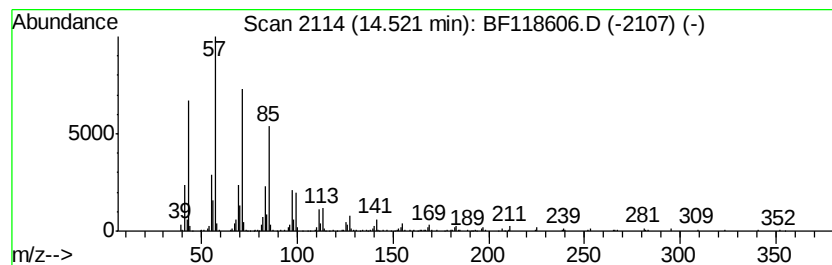
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	7.02 ng	1016860	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Hexacosane	366 C26H54	000630-01-3	91
3	Heptadecane	240 C17H36	000629-78-7	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Tetratetracontane	619 C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118606.D
Acq On : 20 Jan 2020 22:16
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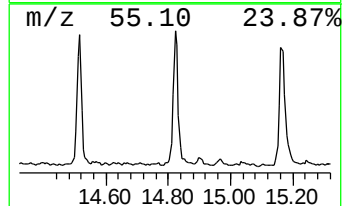
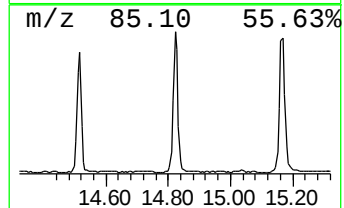
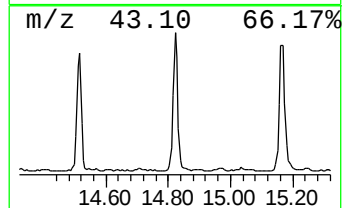
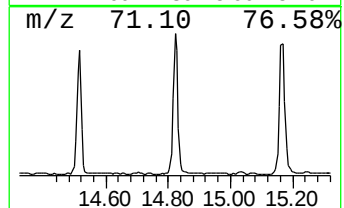
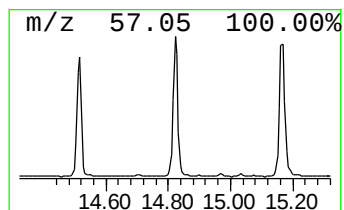
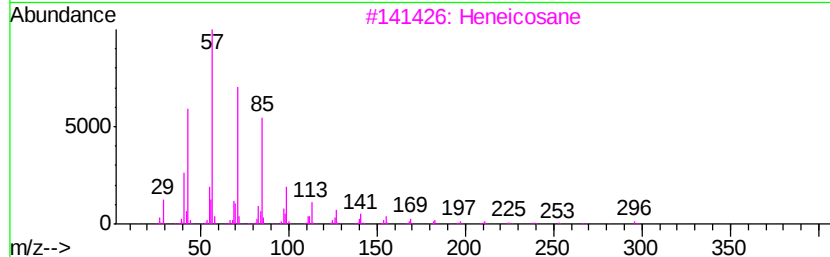
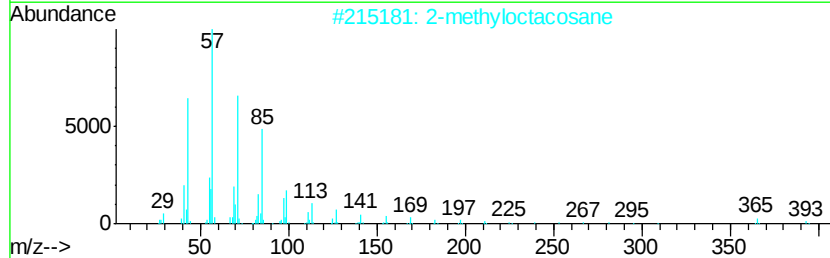
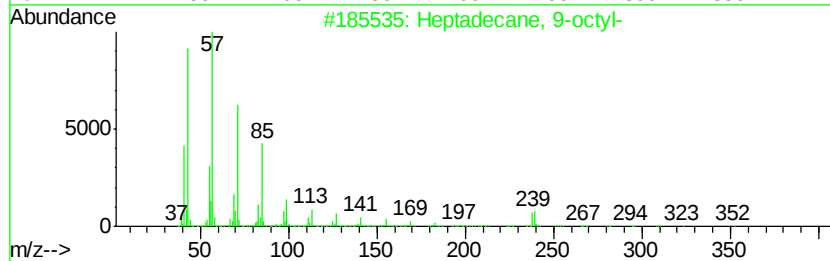
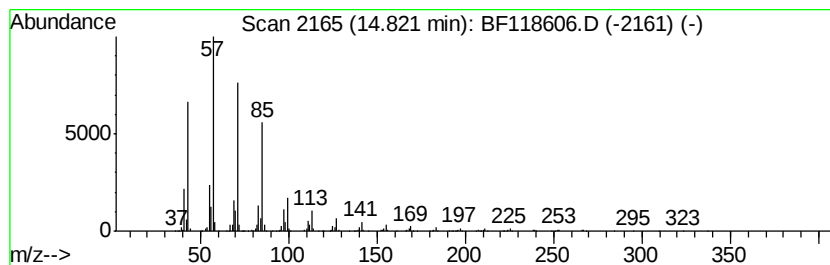
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	8.45 ng	1209640	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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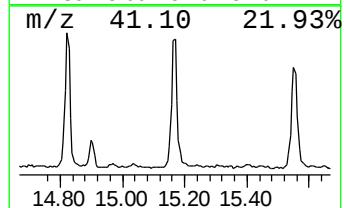
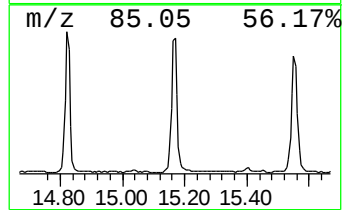
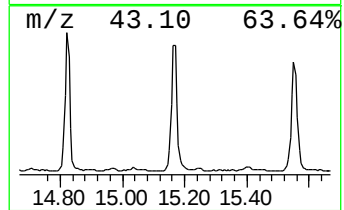
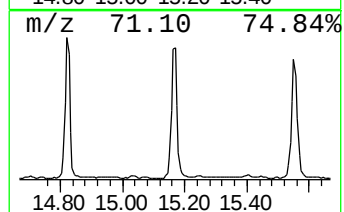
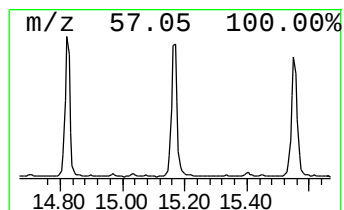
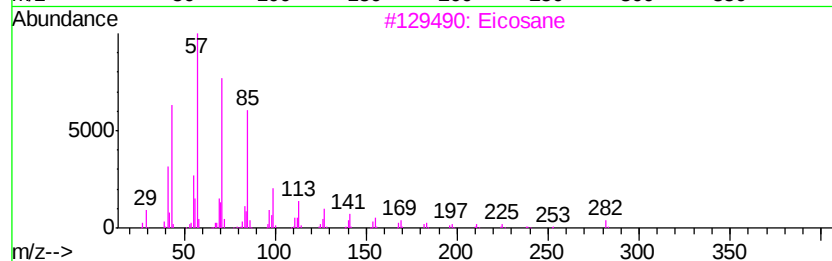
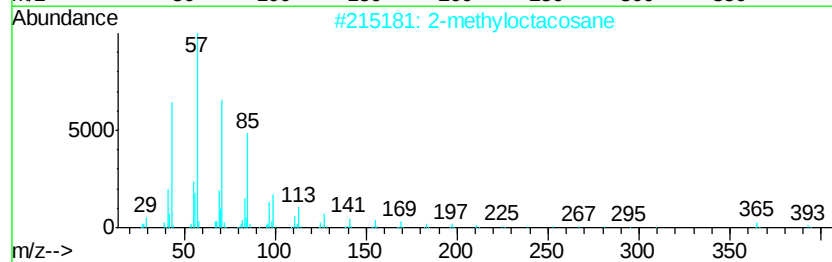
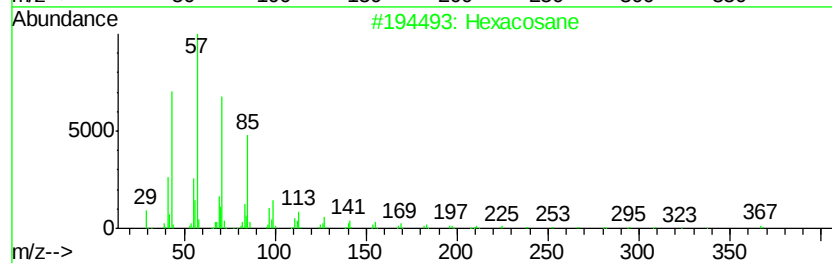
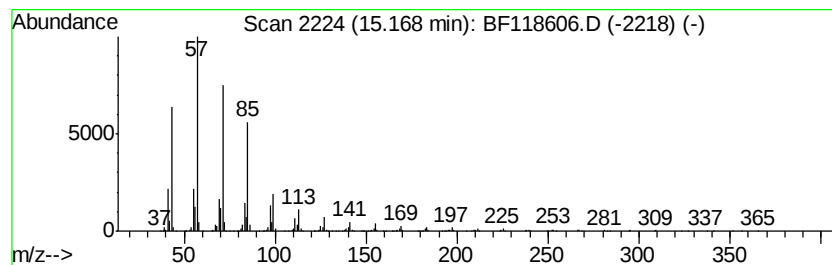
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	9.83 ng	1407440	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118606.D
Acq On : 20 Jan 2020 22:16
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Misc :
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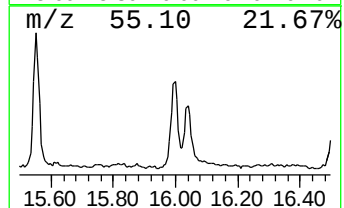
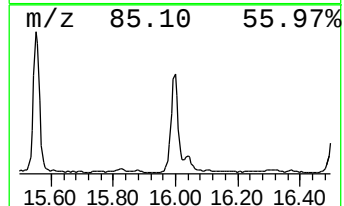
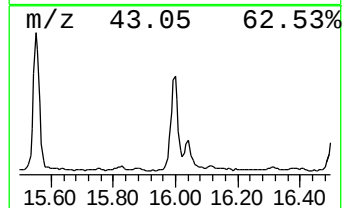
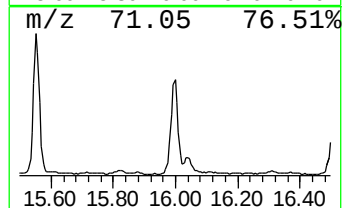
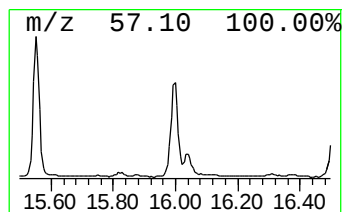
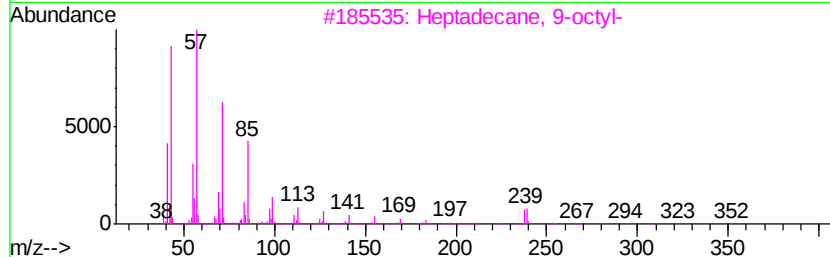
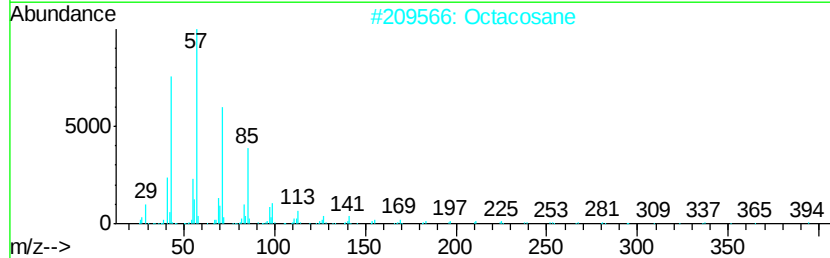
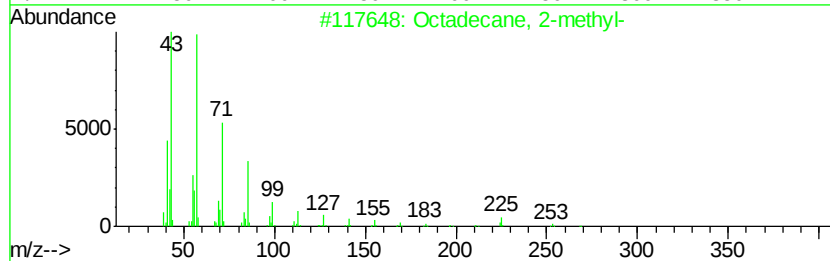
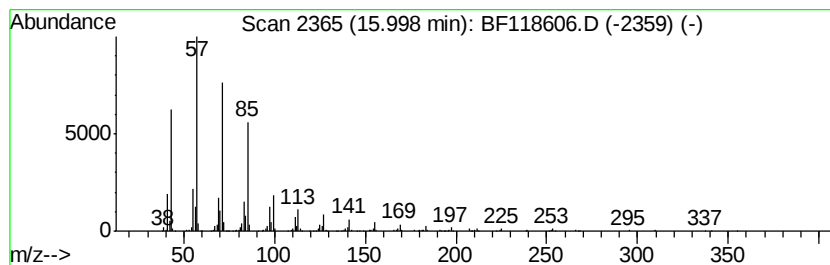
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	7.21 ng	1031640	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Octacosane	394	C28H58	000630-02-4	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Octadecane	254	C18H38	000593-45-3	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



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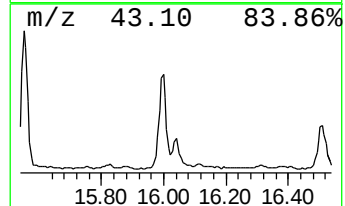
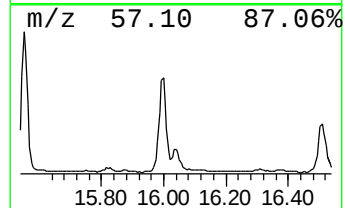
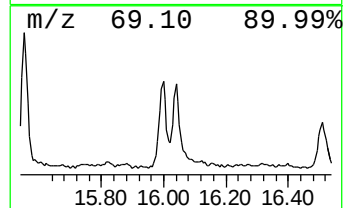
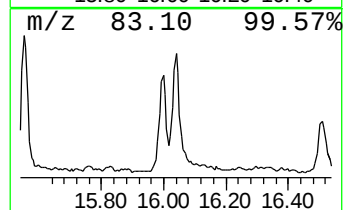
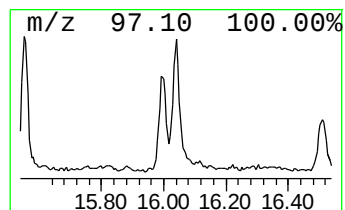
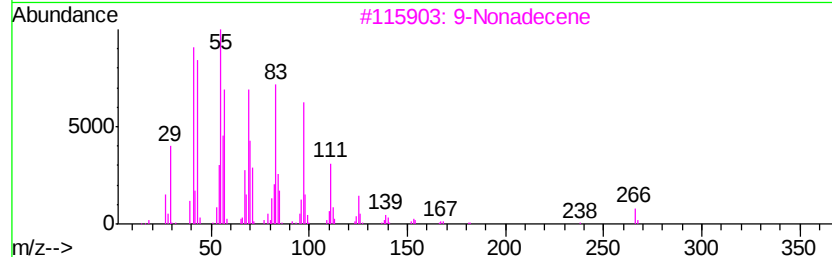
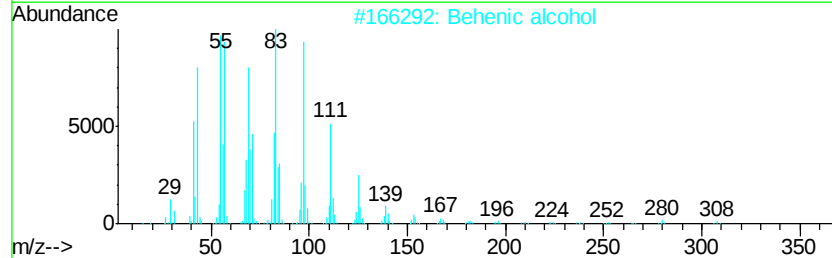
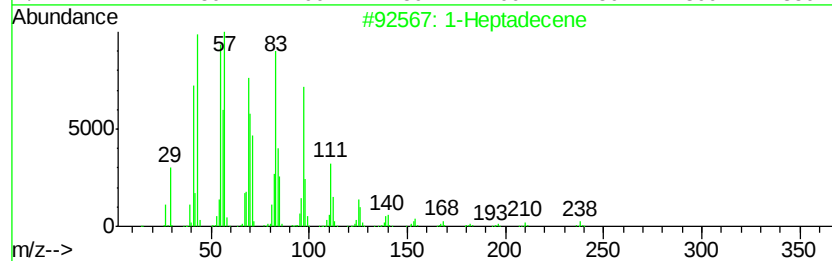
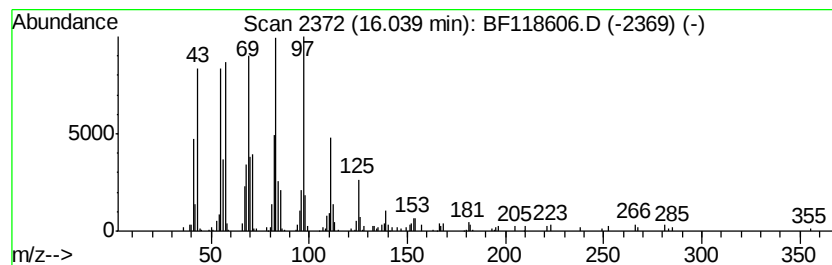
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Heptadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.05 ng	436538	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptadecene	238	C17H34	006765-39-5	94
2			Behenic alcohol	326	C22H46O	000661-19-8	94
3			9-Nonadecene	266	C19H38	031035-07-1	93
4			1-Heptacosanol	396	C27H56O	002004-39-9	91
5			Z-5-Nonadecene	266	C19H38	1000131-11-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118606.D
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ALS Vial : 16 Sample Multiplier: 1

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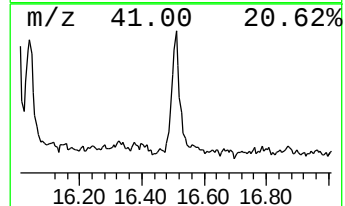
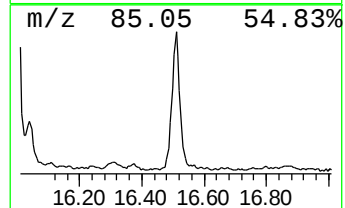
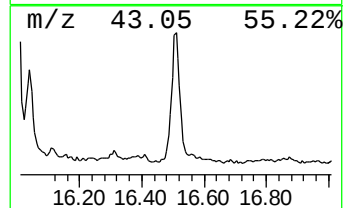
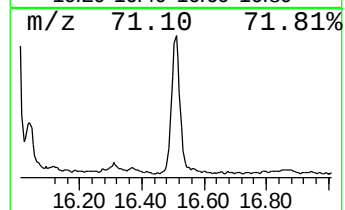
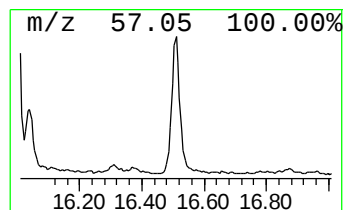
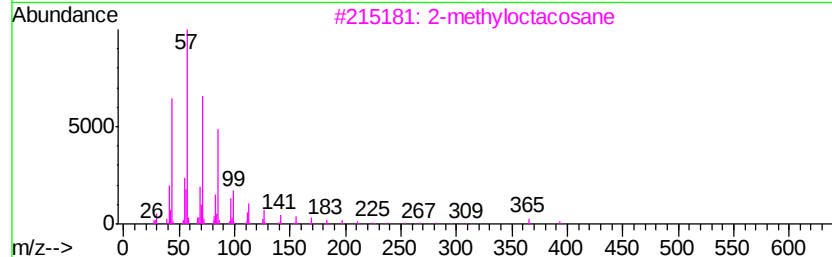
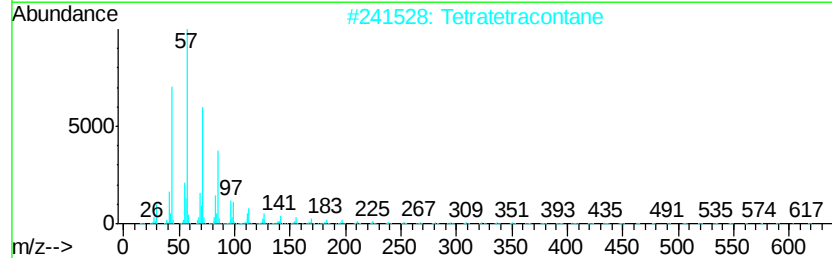
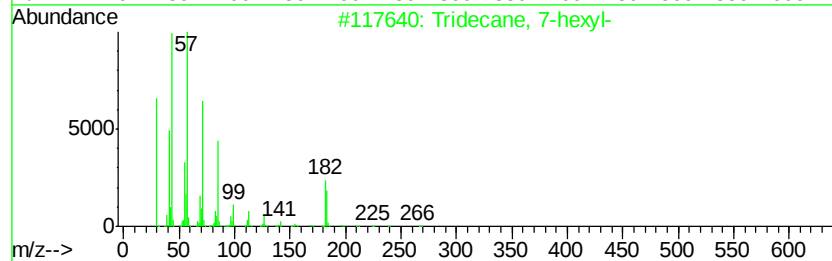
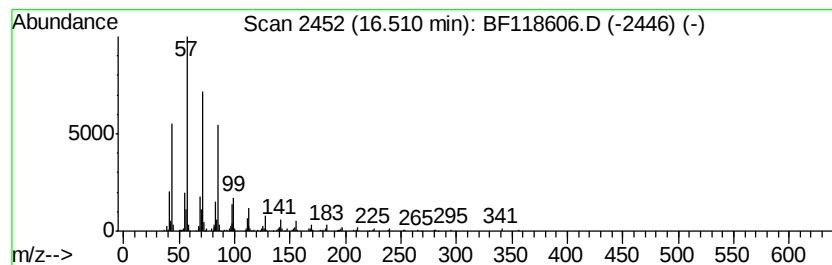
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 7-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	3.91 ng	559210	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012020\
 Data File : BF118606.D
 Acq On : 20 Jan 2020 22:16
 Operator : CG/JU
 Sample : L1154-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.24	30.1	ng	4421010	1	6.88	2937170	20.0
2-Pentanone, 4-hy...	5.12	20.4	ng	3003190	1	6.88	2937170	20.0
unknown6.65	6.65	96.5	ng	14178800	1	6.88	2937170	20.0
n-Hexadecanoic acid	11.93	6.5	ng	1419310	4	11.40	4400770	20.0
Octadecanoic acid	12.72	2.6	ng	576309	4	11.40	4400770	20.0
1-Heneicosanol	13.88	15.5	ng	2249200	5	14.03	2898660	20.0
Eicosane	14.21	3.6	ng	525011	5	14.03	2898660	20.0
Hexadecane	14.52	7.0	ng	1016860	5	14.03	2898660	20.0
Heptadecane, 9-oc...	14.82	8.4	ng	1209640	6	15.50	2863430	20.0
Hexacosane	15.17	9.8	ng	1407440	6	15.50	2863430	20.0
Octadecane, 2-met...	16.00	7.2	ng	1031640	6	15.50	2863430	20.0
1-Heptadecene	16.04	3.0	ng	436538	6	15.50	2863430	20.0
Tridecane, 7-hexyl-	16.51	3.9	ng	559210	6	15.50	2863430	20.0