

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012020\
 Data File : BF118607.D
 Acq On : 20 Jan 2020 22:44
 Operator : CG/JU
 Sample : L1176-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-7

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	2.269	19	31	37	rVB	1621477	2397959	13.61%	1.640%
2	5.116	505	515	526	rVB	1928292	3034263	17.23%	2.075%
3	5.516	576	583	586	rBV	10838246	13509397	76.69%	9.240%
4	5.728	615	619	623	rVB	295516	246020	1.40%	0.168%
5	6.510	745	752	755	rBV	11372074	14894548	84.55%	10.188%
6	6.651	770	776	780	rBV	12559727	14595430	82.86%	9.983%
7	6.881	811	815	818	rBV	3595088	3099198	17.59%	2.120%
8	7.039	837	842	845	rVB	11528656	11505914	65.32%	7.870%
9	7.439	903	910	913	rBV	8454202	9353158	53.10%	6.397%
10	8.157	1027	1032	1036	rBV	3844388	3959172	22.48%	2.708%
11	9.239	1209	1216	1219	rBV	14938084	17615223	100.00%	12.049%
12	9.627	1277	1282	1285	rBV	1332843	1148485	6.52%	0.786%
13	9.916	1325	1331	1335	rBV	5515559	4839199	27.47%	3.310%
14	10.704	1458	1465	1468	rBV	10895445	11620695	65.97%	7.948%
15	11.398	1578	1583	1587	rBV	5007626	4619610	26.23%	3.160%
16	11.927	1669	1673	1683	rBV	597277	604457	3.43%	0.413%
17	12.710	1803	1806	1812	rBV	190233	201534	1.14%	0.138%
18	12.992	1848	1854	1857	rBV	14600875	15692893	89.09%	10.734%
19	13.880	2001	2005	2017	rBV	1451985	1480820	8.41%	1.013%
20	14.033	2027	2031	2035	rBV	3256891	2844322	16.15%	1.945%
21	14.210	2057	2061	2067	rBV	428656	405454	2.30%	0.277%
22	14.515	2107	2113	2119	rBV	845176	870565	4.94%	0.595%
23	14.821	2161	2165	2171	rBV	975469	1021496	5.80%	0.699%
24	15.168	2218	2224	2233	rBV	883715	1149709	6.53%	0.786%
25	15.504	2276	2281	2285	rBV	2278161	2876123	16.33%	1.967%
26	15.551	2285	2289	2298	rVB	781523	1089373	6.18%	0.745%
27	15.998	2359	2365	2369	rBV	532464	849596	4.82%	0.581%
28	16.039	2369	2372	2381	rVB2	128454	221471	1.26%	0.151%
29	16.509	2447	2452	2459	rVB	246481	454522	2.58%	0.311%

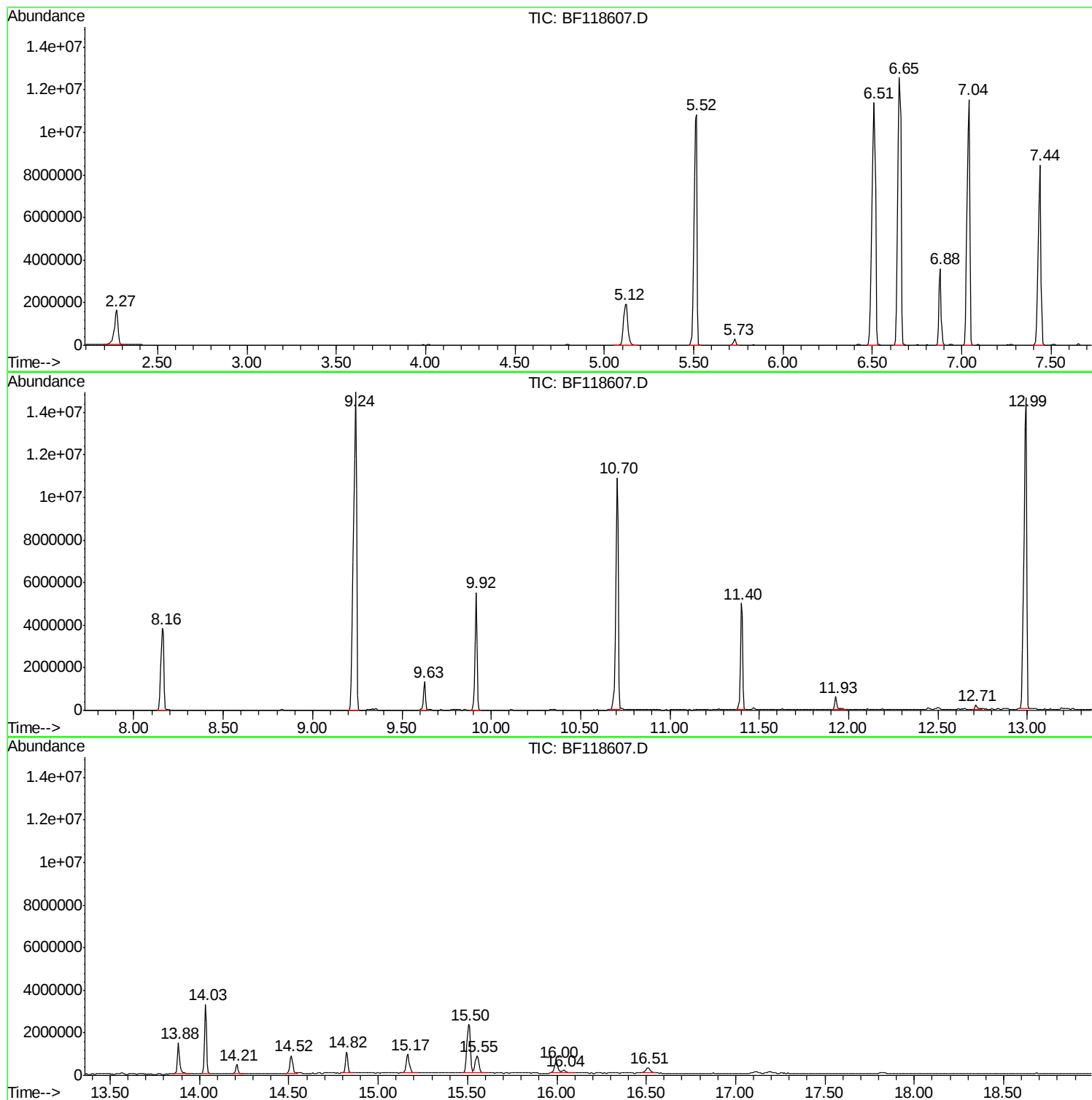
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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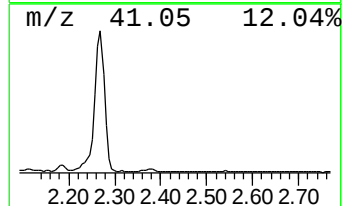
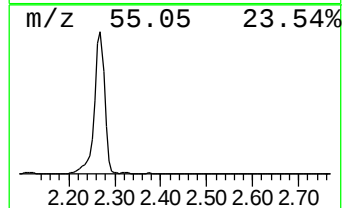
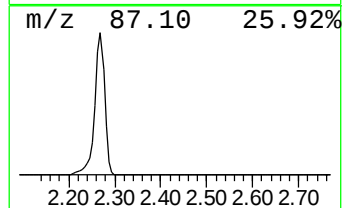
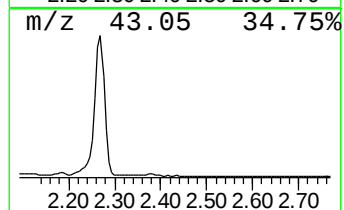
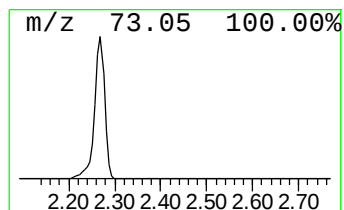
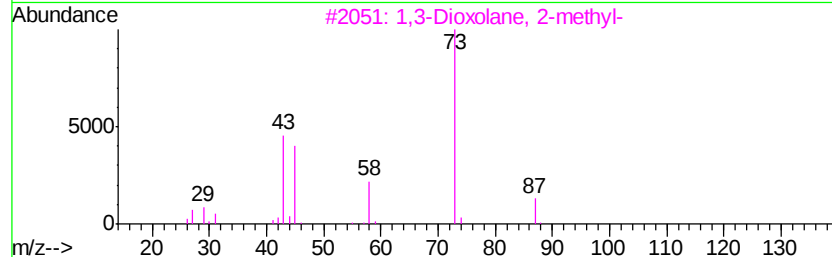
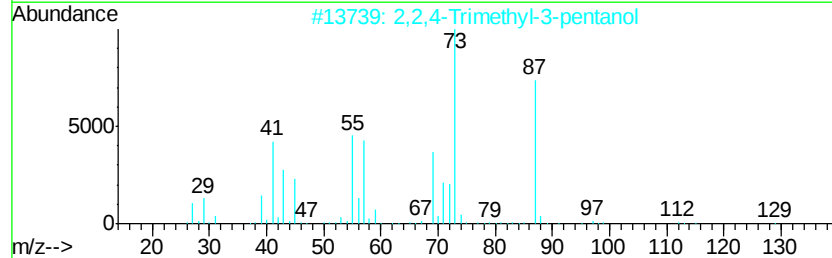
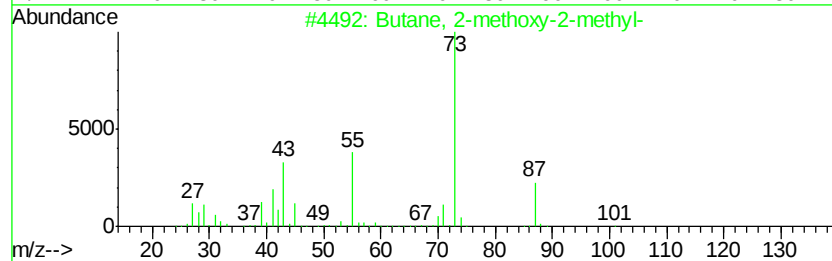
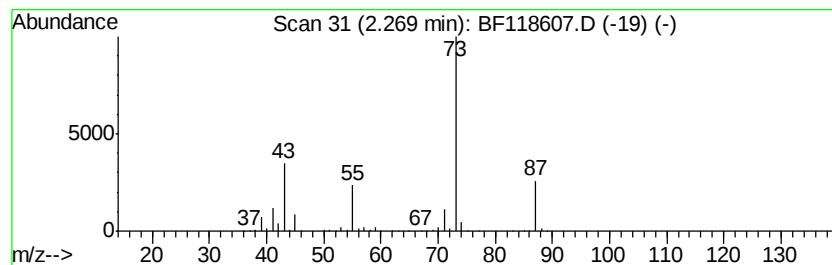
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	15.47 ng	2397960	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	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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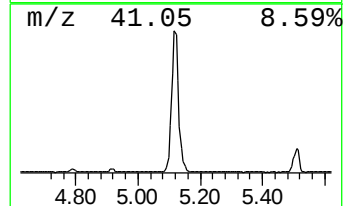
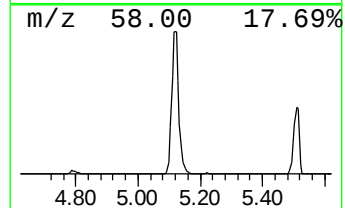
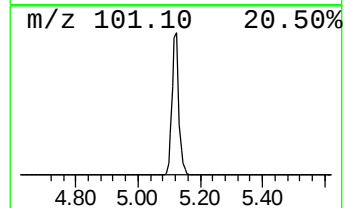
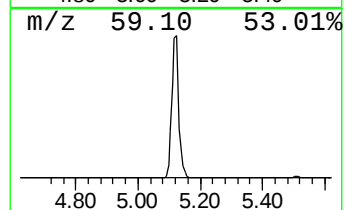
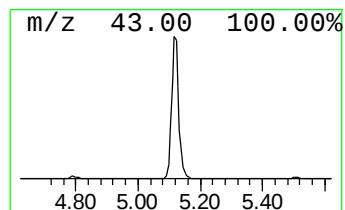
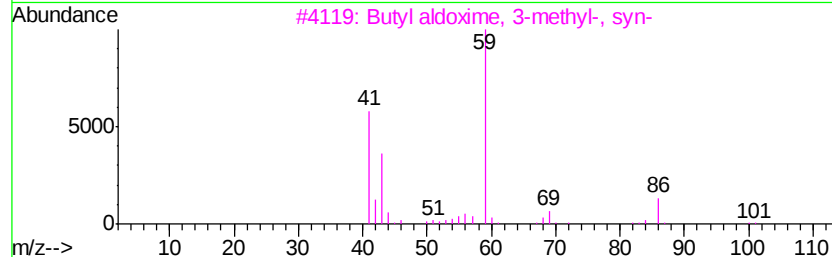
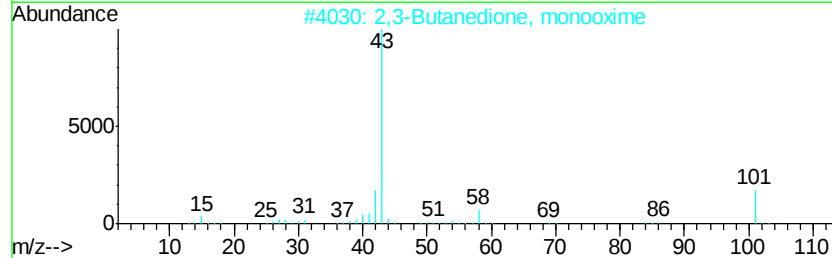
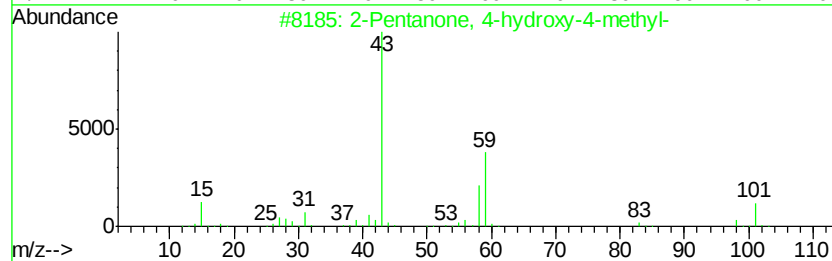
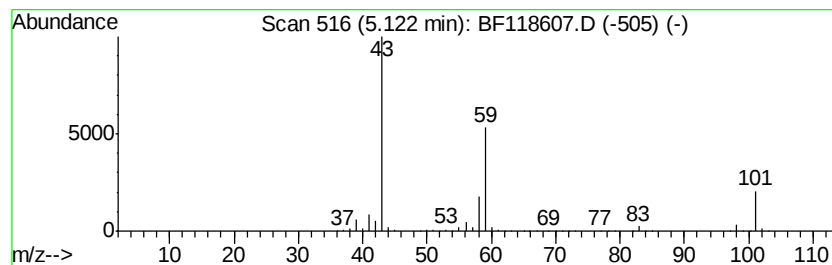
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 Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	19.58 ng	3034260	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		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4		Acetone	58	C3H6O	000067-64-1	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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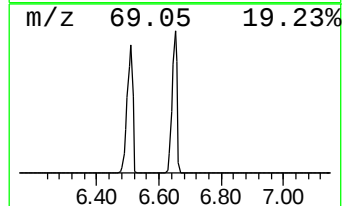
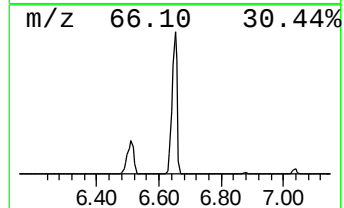
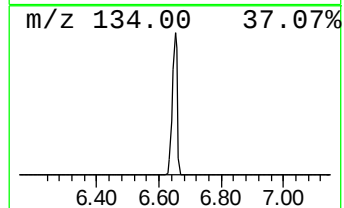
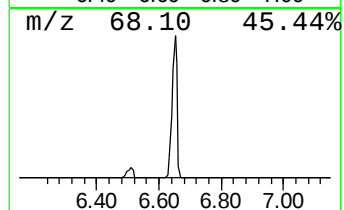
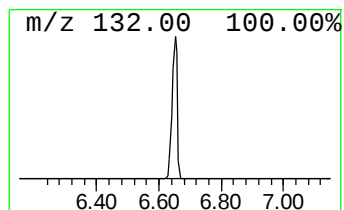
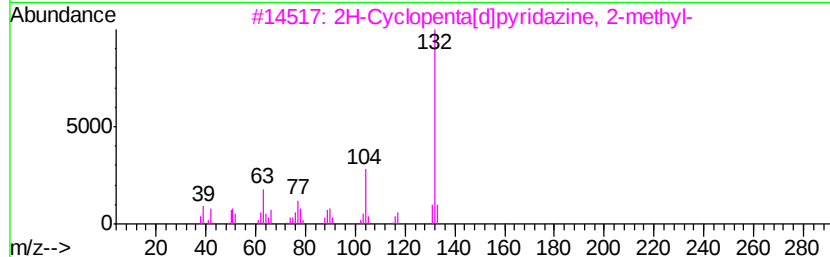
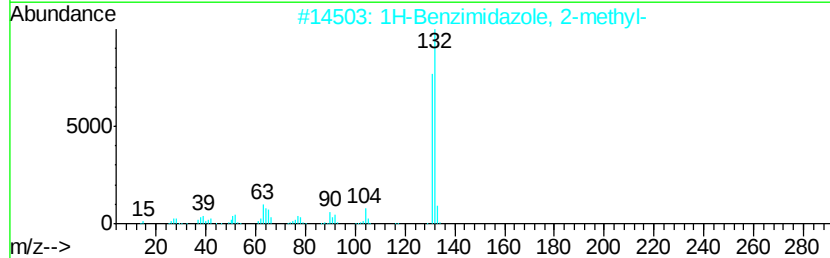
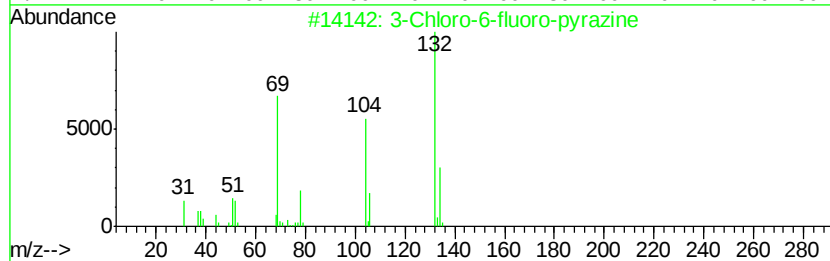
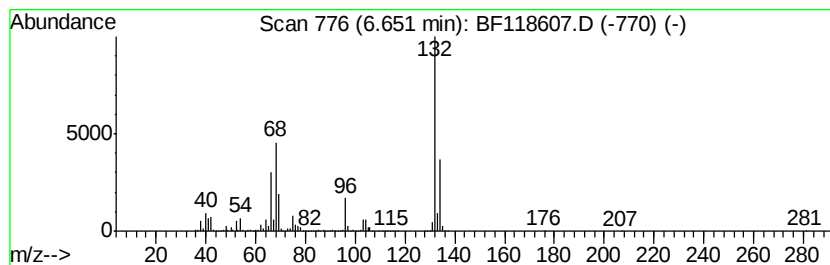
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	94.19 ng	14595400	1,4-Dichlorobenzene-d4	6.88

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



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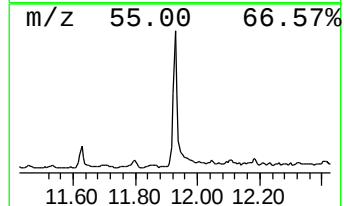
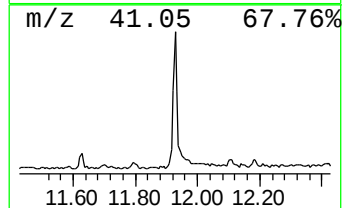
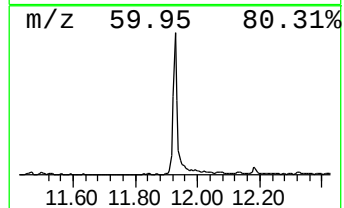
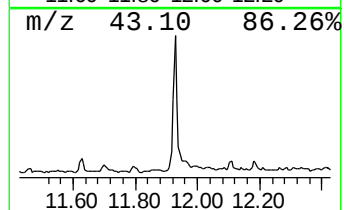
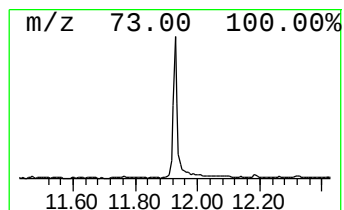
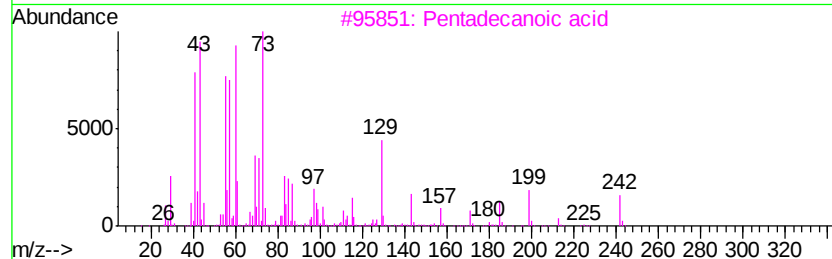
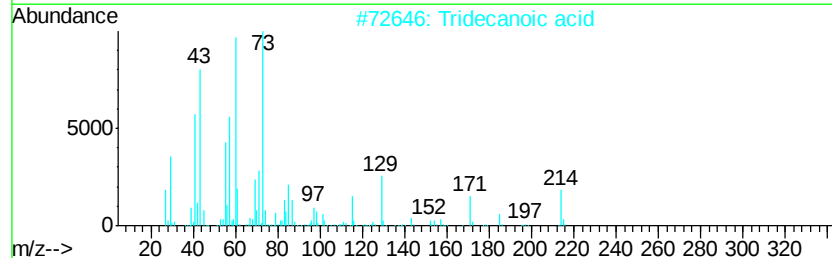
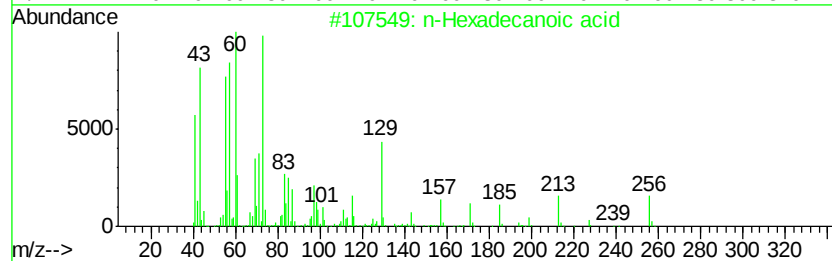
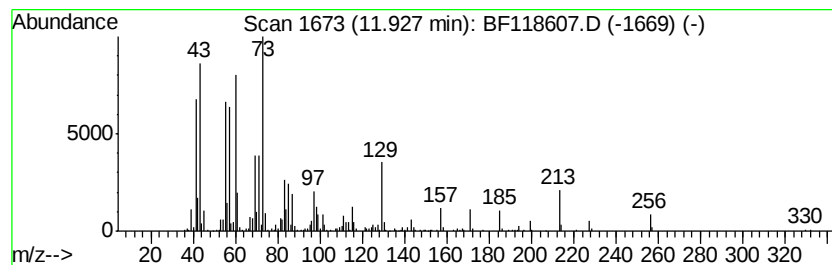
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.62 ng	604457	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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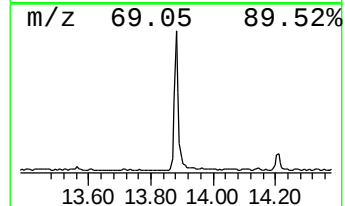
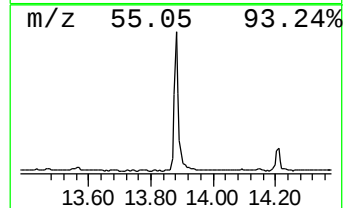
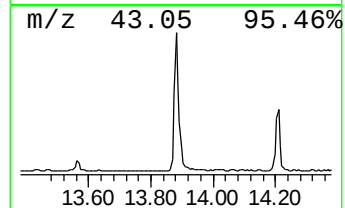
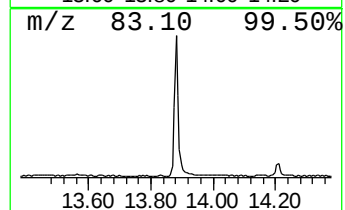
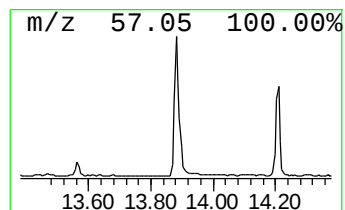
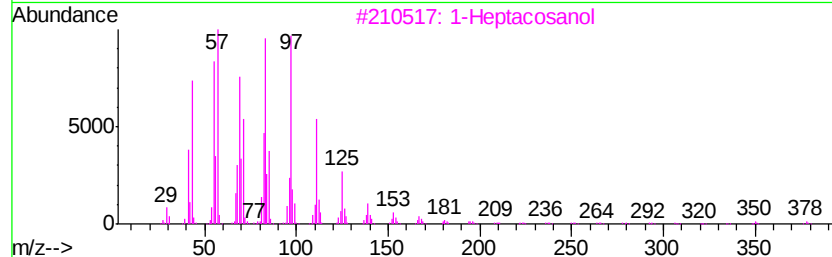
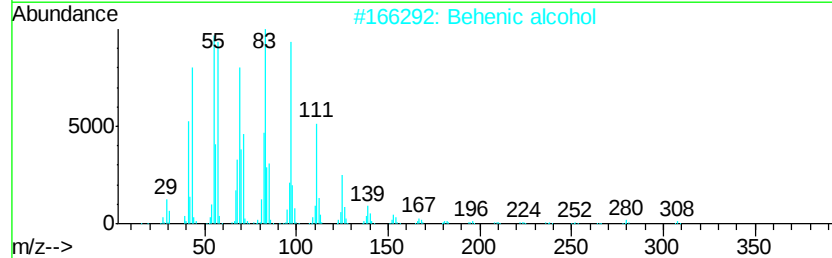
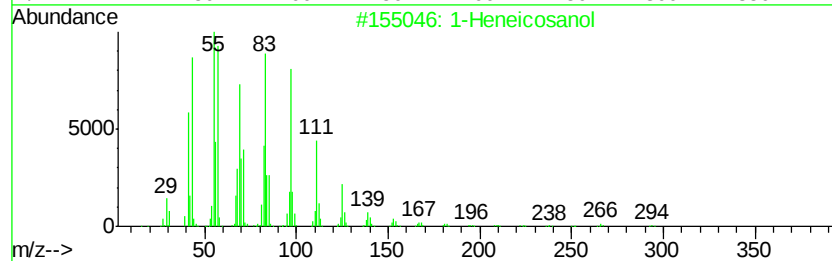
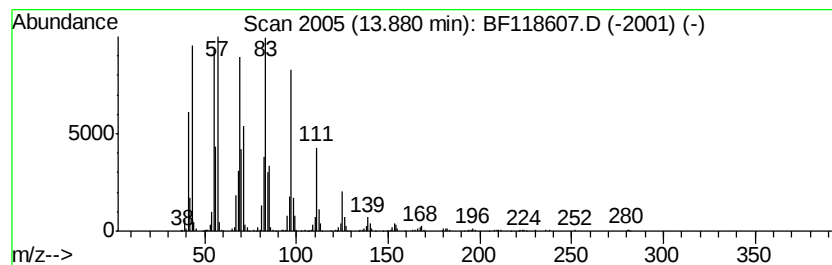
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	10.41 ng	1480820	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	95
2	Behenic alcohol		326	C22H46O	000661-19-8	94
3	1-Heptacosanol		396	C27H56O	002004-39-9	94
4	Cyclopentadecane		210	C15H30	000295-48-7	93
5	Cyclohexadecane		224	C16H32	000295-65-8	93



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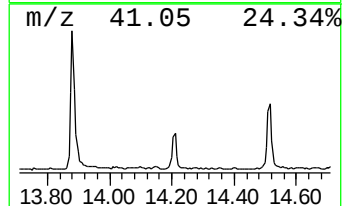
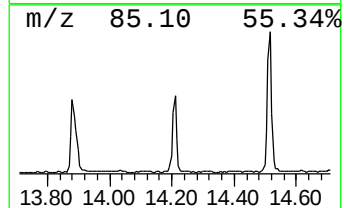
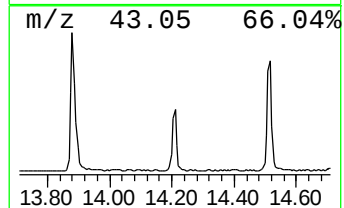
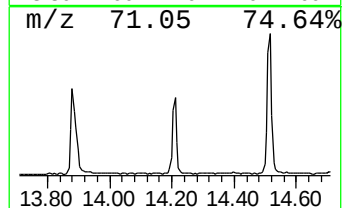
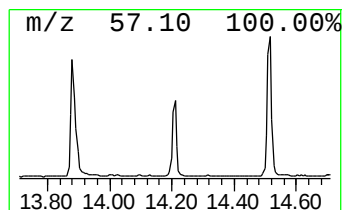
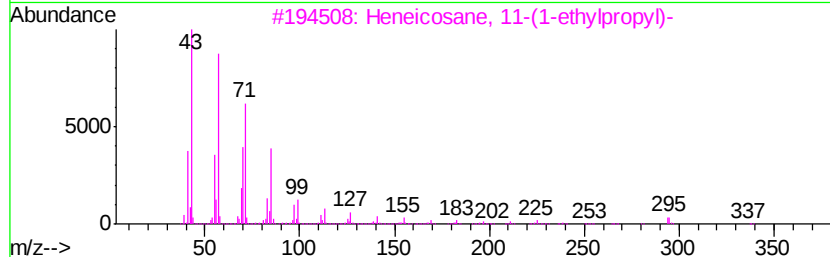
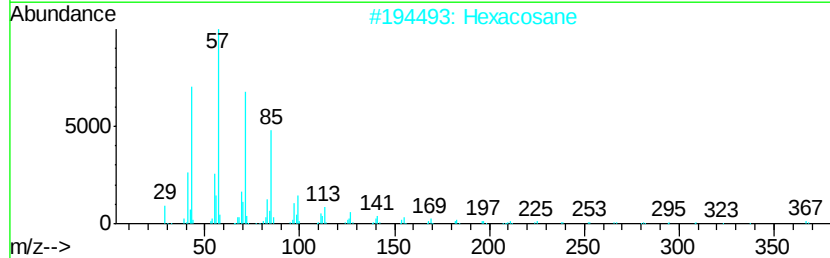
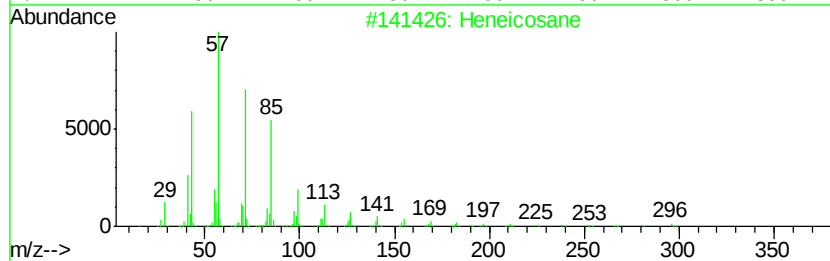
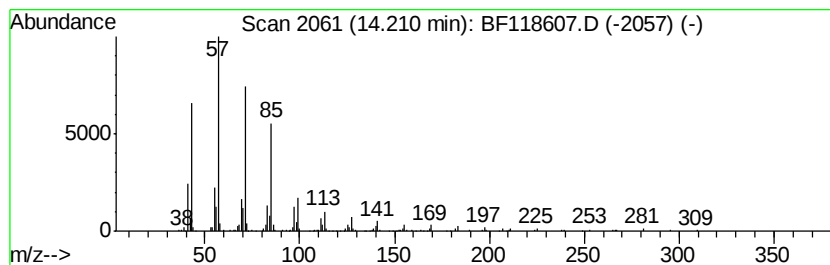
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.85 ng	405454	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
4	Heptadecane		240	C17H36	000629-78-7	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118607.D
Acq On : 20 Jan 2020 22:44
Operator : CG/JU
Sample : L1176-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

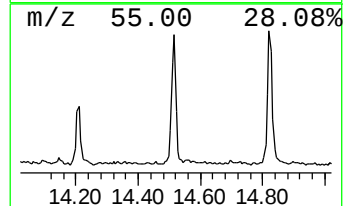
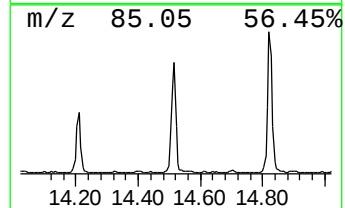
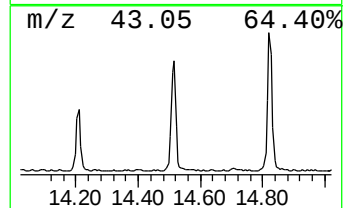
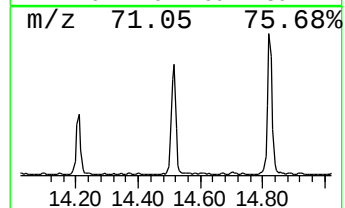
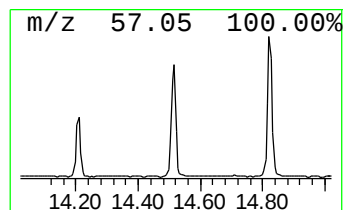
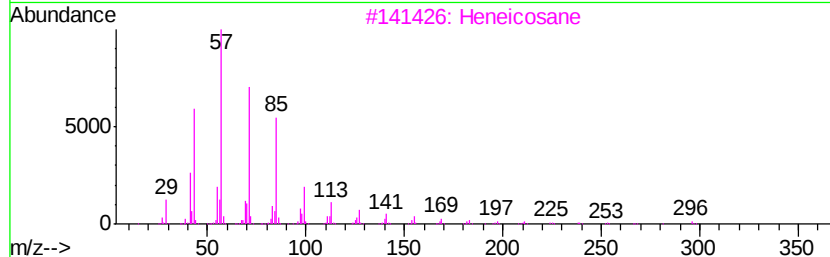
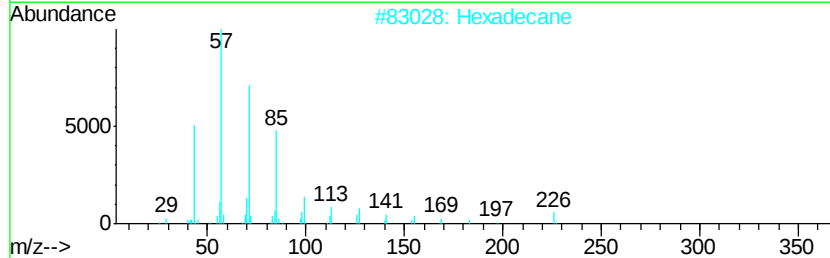
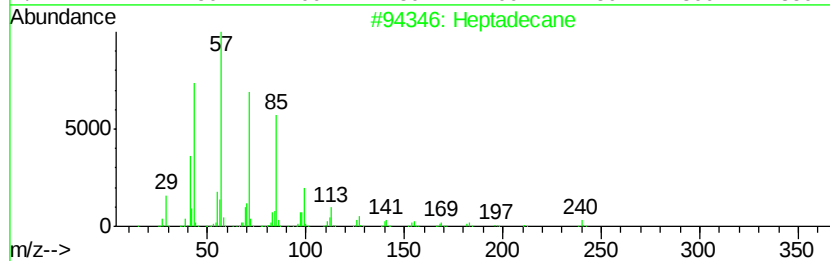
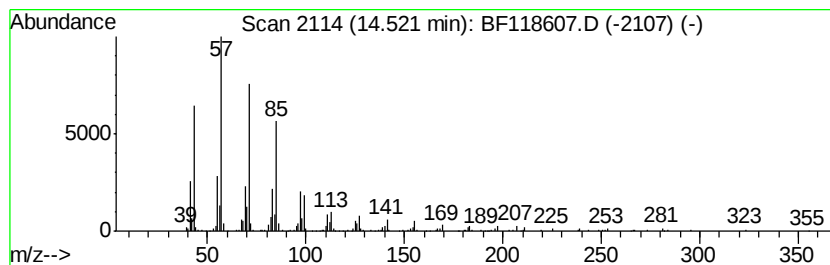
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.52	6.12 ng	870565	Chrysene-d12		14.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Hexadecane		226	C16H34	000544-76-3	93
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118607.D
Acq On : 20 Jan 2020 22:44
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Sample : L1176-09
Misc :
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Instrument :
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ClientSampleId :
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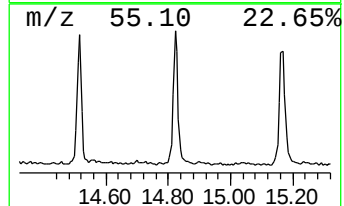
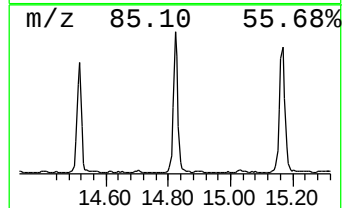
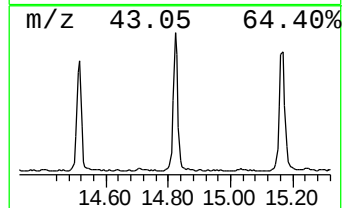
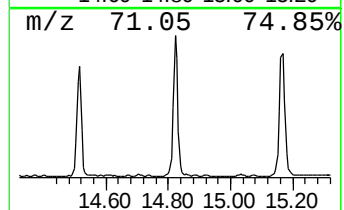
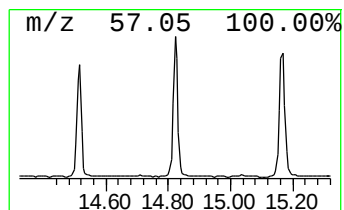
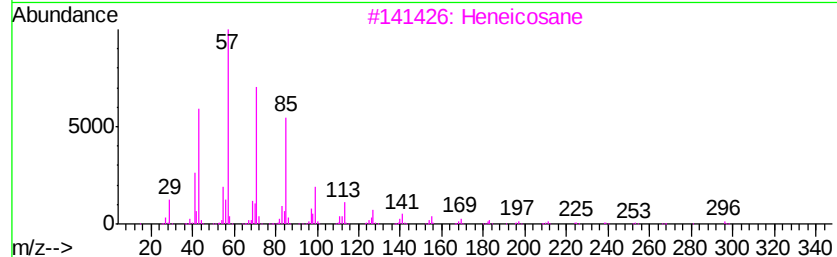
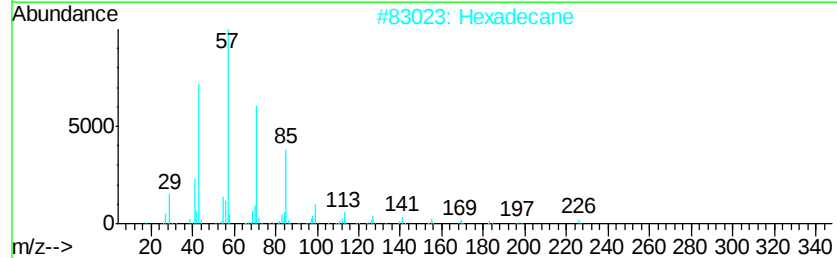
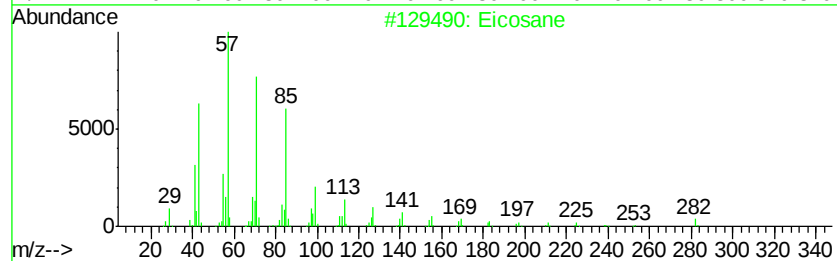
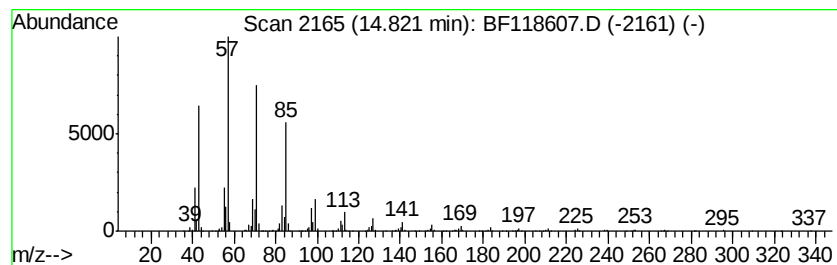
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	7.10 ng	1021500	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Hexadecane	226	C16H34	000544-76-3	95
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118607.D
Acq On : 20 Jan 2020 22:44
Operator : CG/JU
Sample : L1176-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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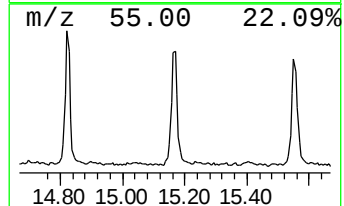
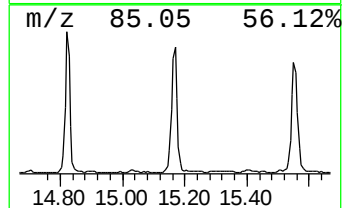
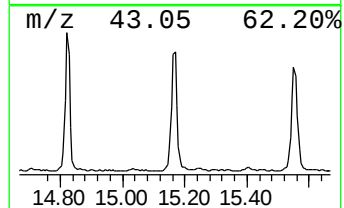
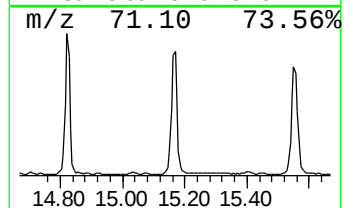
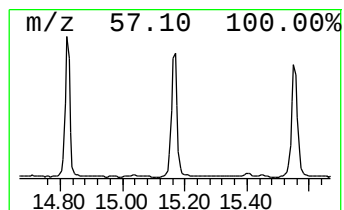
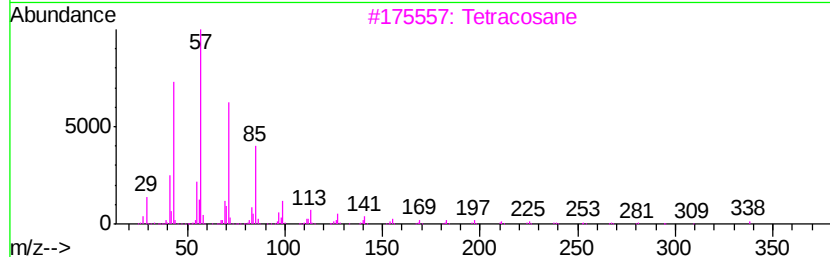
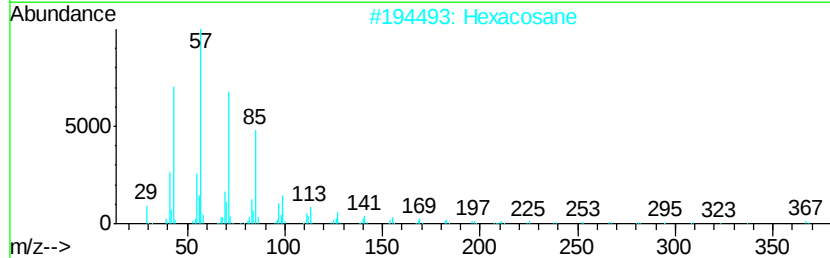
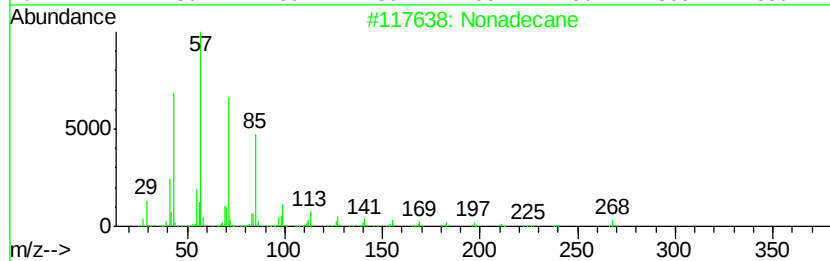
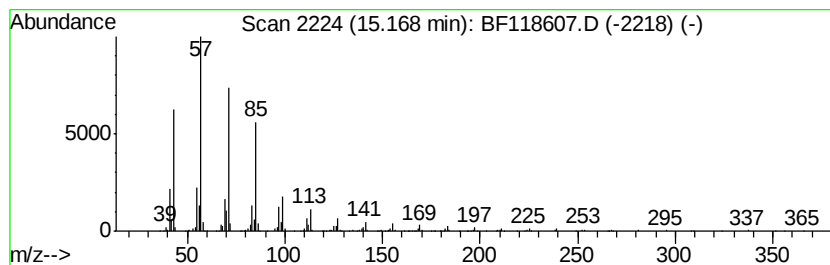
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	7.99 ng	1149710	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Hexacosane	366	C26H54	000630-01-3	94
3			Tetracosane	338	C24H50	000646-31-1	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118607.D
Acq On : 20 Jan 2020 22:44
Operator : CG/JU
Sample : L1176-09
Misc :
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Instrument :
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ClientSampleId :
EP-7

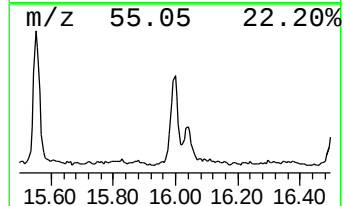
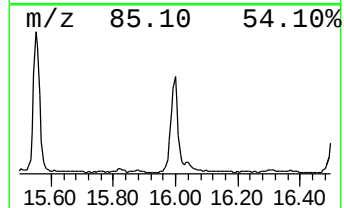
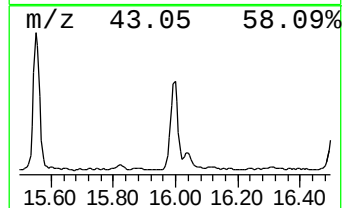
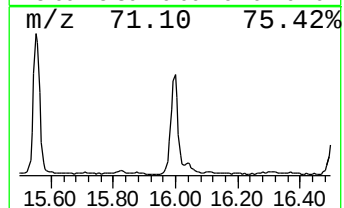
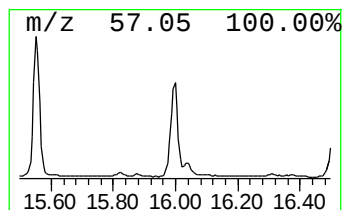
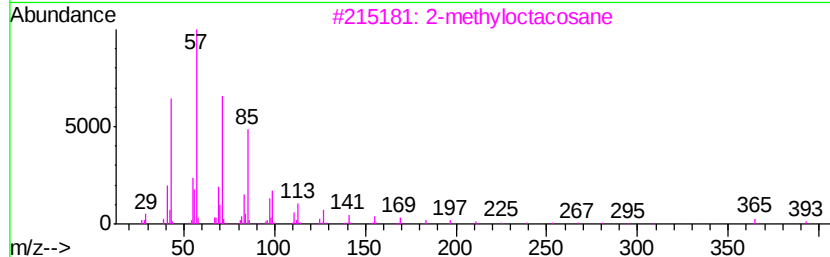
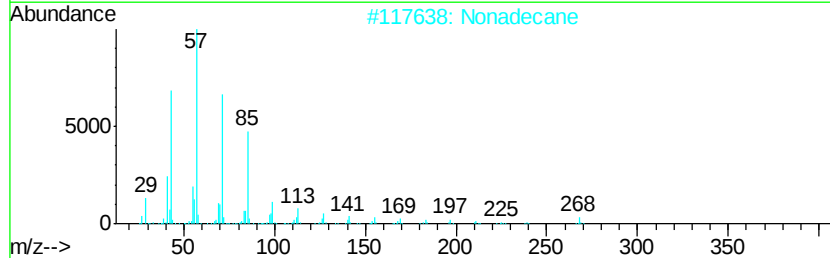
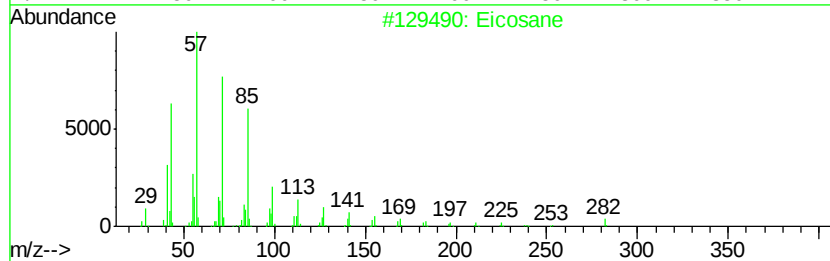
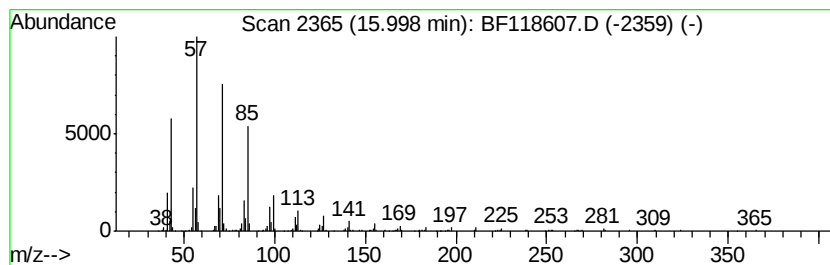
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	5.91 ng	849596	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane	268	C19H40	000629-92-5	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118607.D
Acq On : 20 Jan 2020 22:44
Operator : CG/JU
Sample : L1176-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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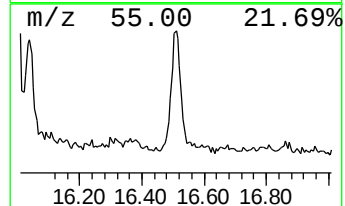
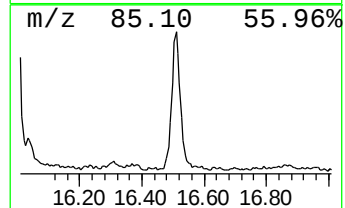
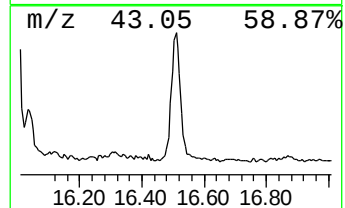
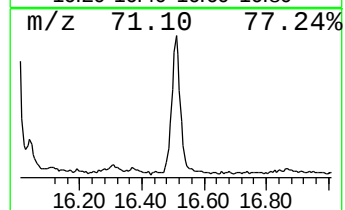
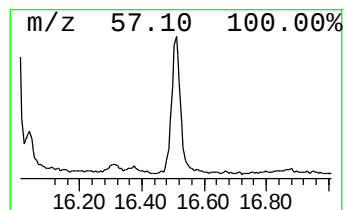
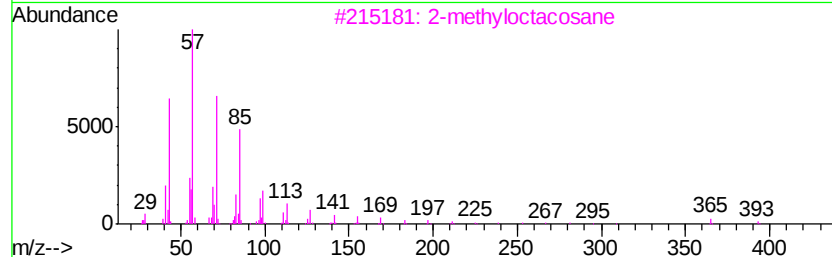
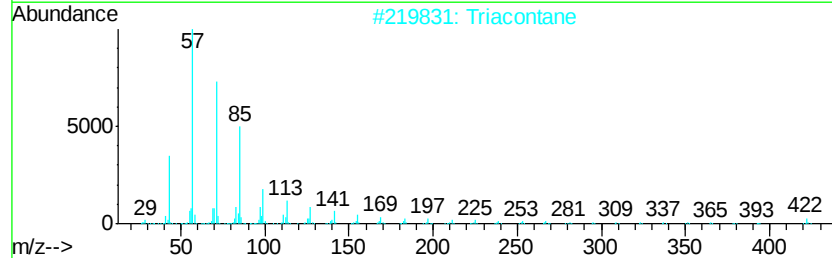
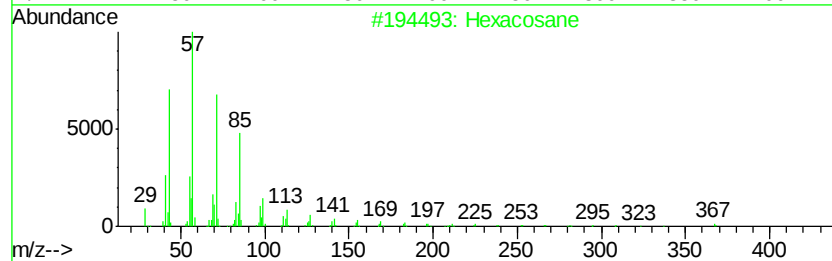
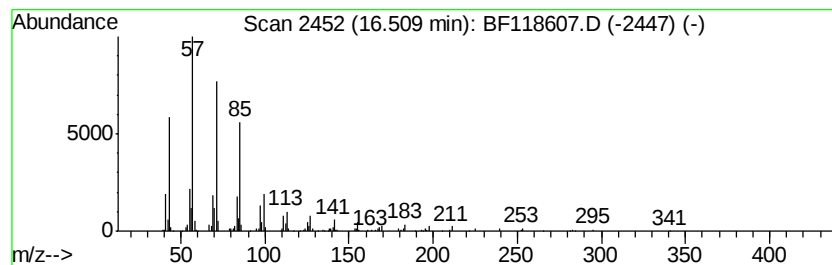
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	3.16 ng	454522	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Triacontane	422	C30H62	000638-68-6	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012020\
 Data File : BF118607.D
 Acq On : 20 Jan 2020 22:44
 Operator : CG/JU
 Sample : L1176-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.12	19.6	ng	3034260	1	6.88	3099200	20.0
unknown6.65	6.65	94.2	ng	14595400	1	6.88	3099200	20.0
n-Hexadecanoic acid	11.93	2.6	ng	604457	4	11.40	4619610	20.0
1-Heneicosanol	13.88	10.4	ng	1480820	5	14.03	2844320	20.0
Heneicosane	14.21	2.9	ng	405454	5	14.03	2844320	20.0
Heptadecane	14.52	6.1	ng	870565	5	14.03	2844320	20.0
Eicosane	14.82	7.1	ng	1021500	6	15.50	2876120	20.0
Nonadecane	15.17	8.0	ng	1149710	6	15.50	2876120	20.0
2-methyloctacosane	16.00	5.9	ng	849596	6	15.50	2876120	20.0
Hexacosane	16.51	3.2	ng	454522	6	15.50	2876120	20.0