

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118579.D
 Acq On : 18 Jan 2020 1:06
 Operator : JU
 Sample : L1173-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0050-DECANT-H2O-COMP-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-BF011720.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	2.169	7	14	22	rVB	6048857	8616375	61.10%	8.232%
2	5.098	503	512	519	rVB	612569	742090	5.26%	0.709%
3	5.504	575	581	584	rBV	6225947	6097014	43.24%	5.825%
4	6.504	746	751	760	rBV	5207372	4646346	32.95%	4.439%
5	6.657	772	777	780	rBV	10096625	9561304	67.80%	9.134%
6	6.887	812	816	820	rBV	2554538	2047560	14.52%	1.956%
7	7.045	839	843	846	rBV	9383149	7916797	56.14%	7.563%
8	7.445	903	911	914	rBV	6467612	6177573	43.81%	5.902%
9	8.169	1030	1034	1037	rBV	3146910	2567964	18.21%	2.453%
10	9.245	1212	1217	1220	rBV	12231878	11812966	83.77%	11.285%
11	9.633	1279	1283	1286	rBV	618966	468280	3.32%	0.447%
12	9.922	1328	1332	1336	rBV	3423336	3056845	21.68%	2.920%
13	10.339	1399	1403	1405	rBV	454428	371277	2.63%	0.355%
14	10.710	1461	1466	1469	rBV	8607304	8354231	59.24%	7.981%
15	11.410	1581	1585	1588	rBV	3550038	3202360	22.71%	3.059%
16	11.939	1670	1675	1687	rBV	1010429	1094143	7.76%	1.045%
17	12.722	1804	1808	1821	rBV	561471	594105	4.21%	0.568%
18	12.998	1850	1855	1858	rBV	13583060	14101940	100.00%	13.472%
19	13.886	2003	2006	2018	rBV	2601237	2528390	17.93%	2.415%
20	14.045	2028	2033	2036	rBV	3514720	3389416	24.04%	3.238%
21	14.216	2058	2062	2070	rBV	308967	298378	2.12%	0.285%
22	14.521	2110	2114	2122	rVB	551038	489062	3.47%	0.467%
23	14.833	2163	2167	2177	rVB	537993	620145	4.40%	0.592%
24	15.174	2221	2225	2232	rBV	581709	680277	4.82%	0.650%
25	15.515	2277	2283	2287	rBV	2686119	3237700	22.96%	3.093%
26	15.563	2287	2291	2298	rVB	501603	663472	4.70%	0.634%
27	16.010	2361	2367	2370	rBV	336188	542435	3.85%	0.518%
28	16.051	2370	2374	2383	rVB	296069	490333	3.48%	0.468%
29	16.521	2449	2454	2462	rBV	169745	305522	2.17%	0.292%

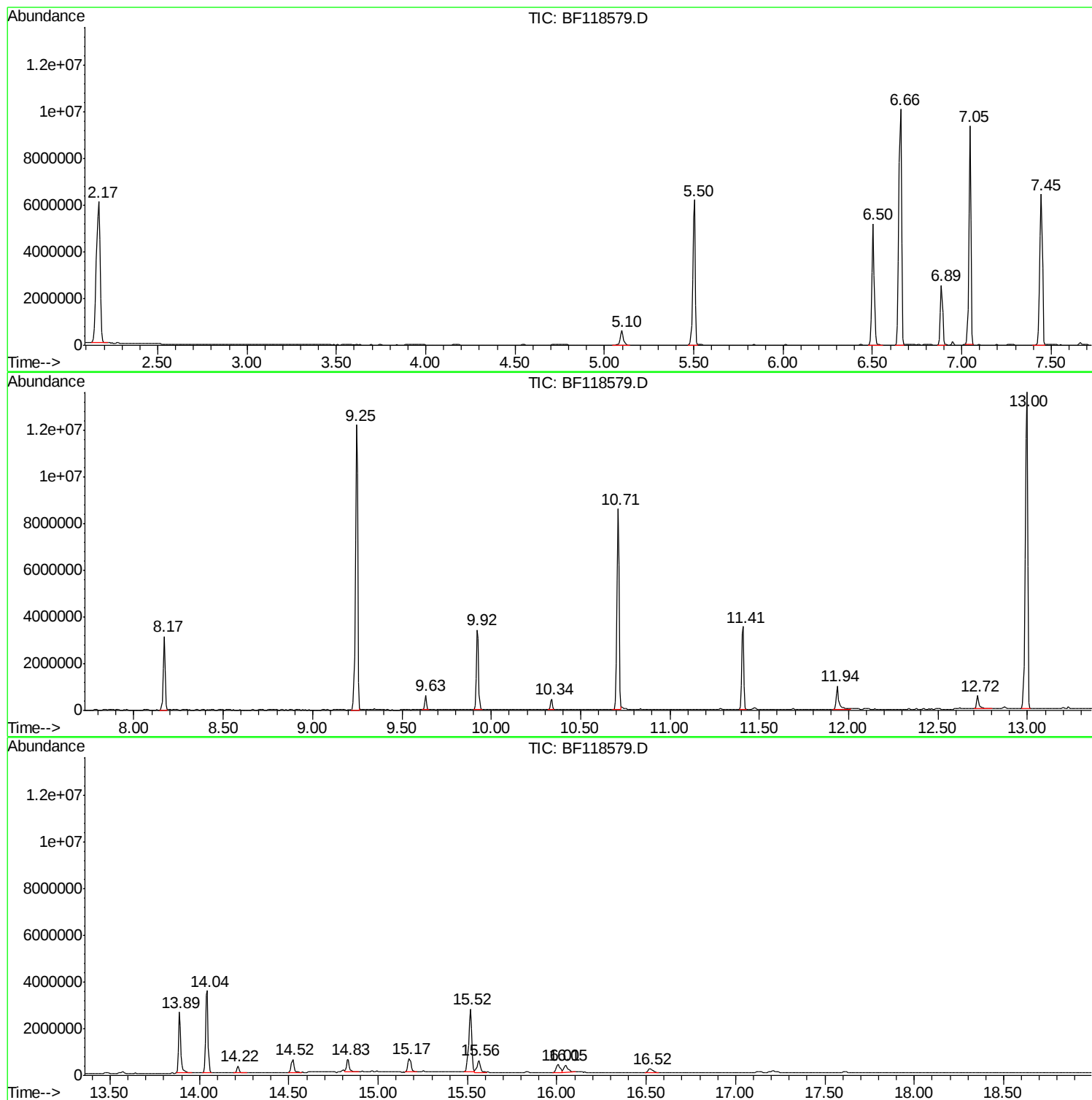
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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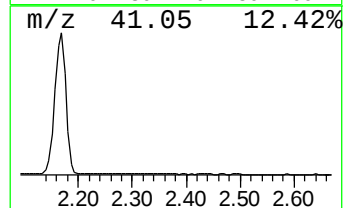
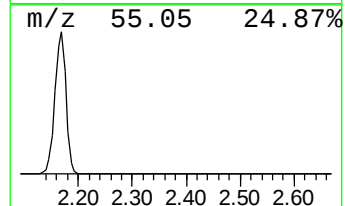
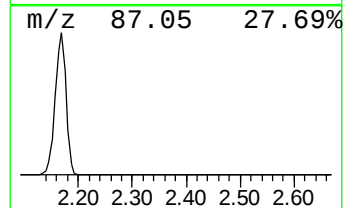
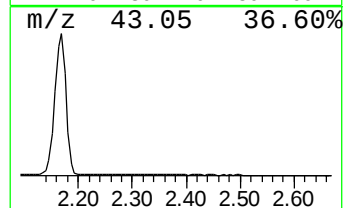
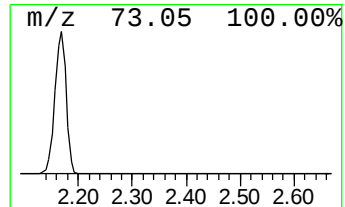
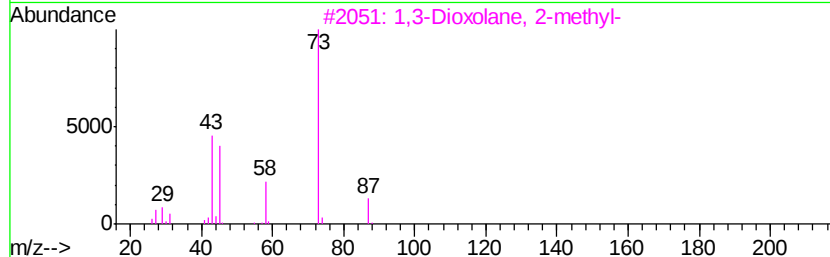
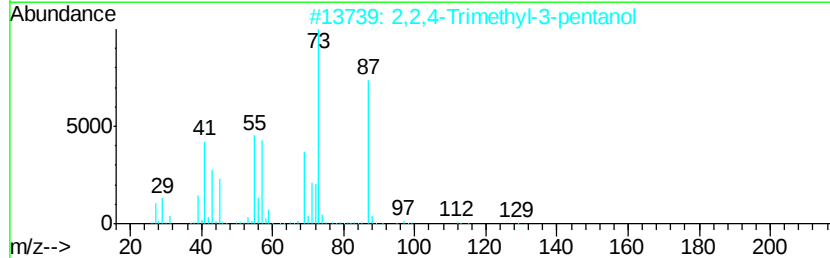
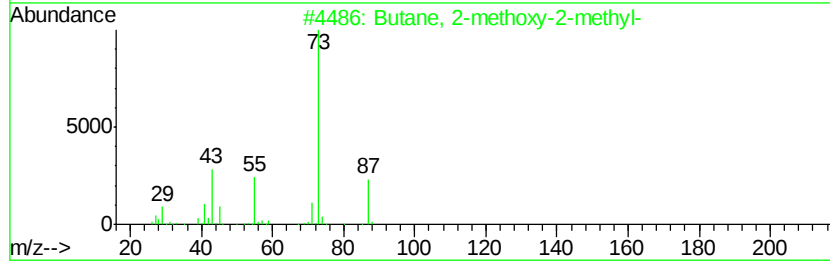
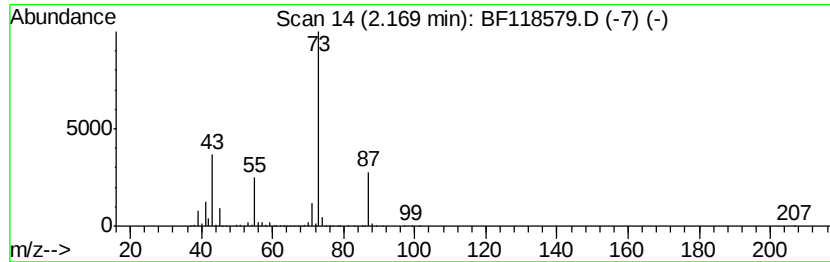
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	84.16 ng	8616380	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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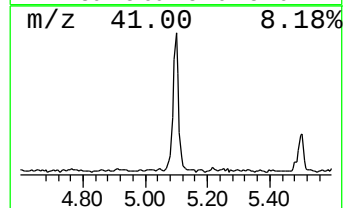
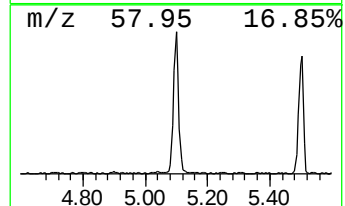
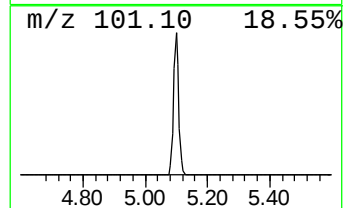
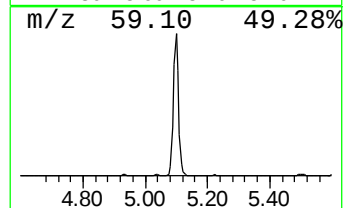
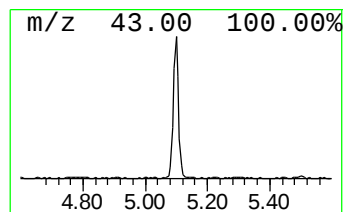
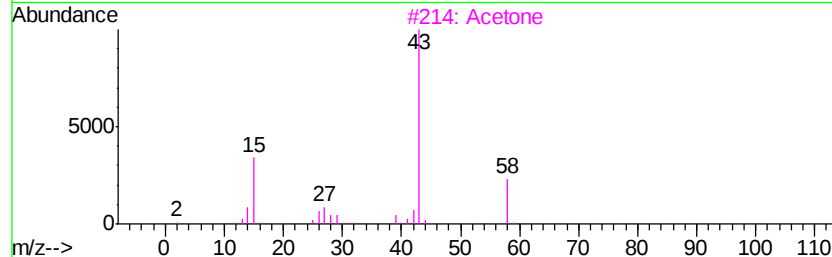
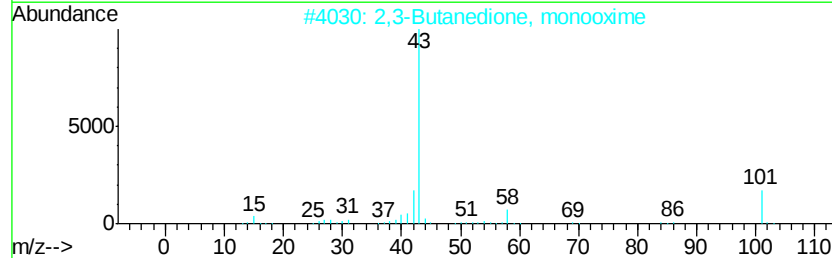
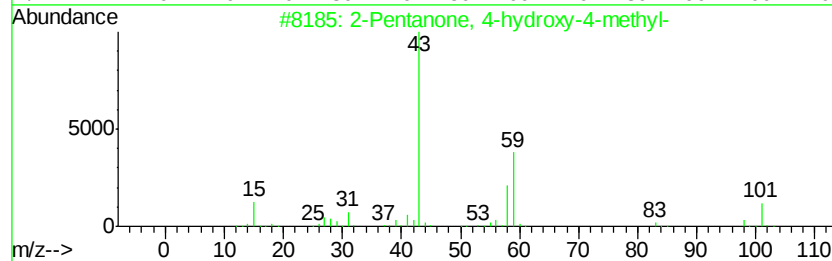
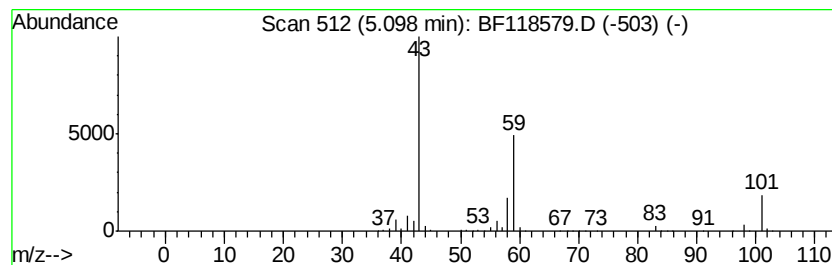
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	7.25 ng	742090	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3		Acetone	58	C3H6O	000067-64-1	12
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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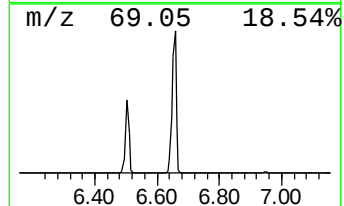
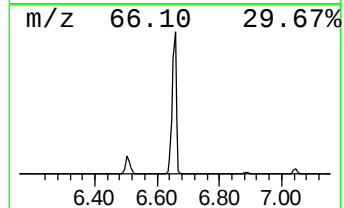
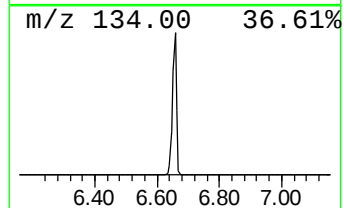
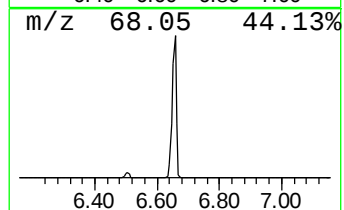
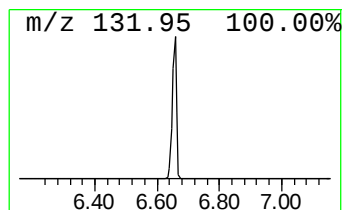
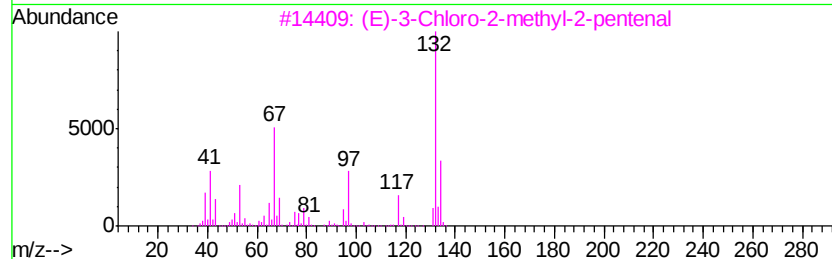
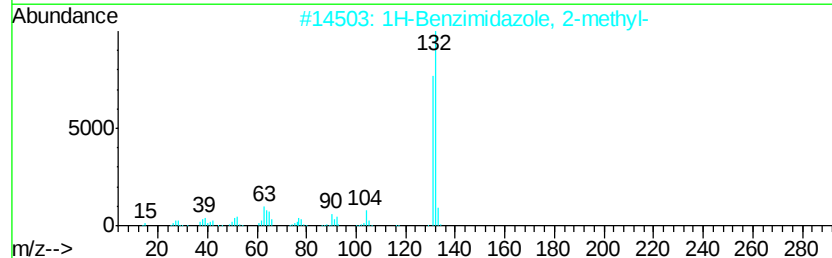
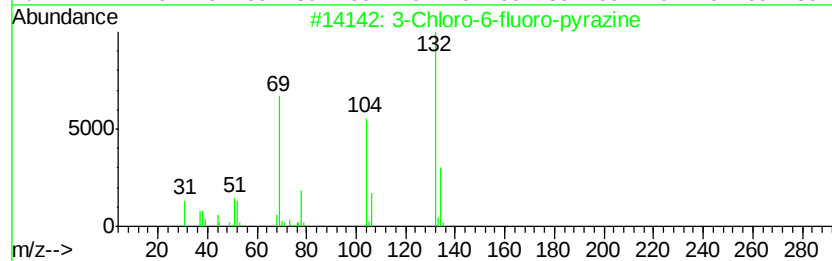
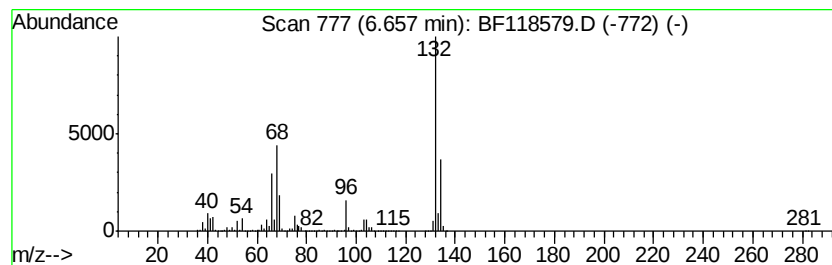
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Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	93.39 ng	9561300	1,4-Dichlorobenzene-d4	6.89

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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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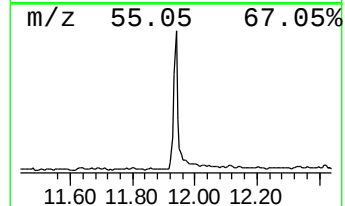
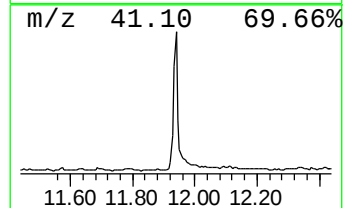
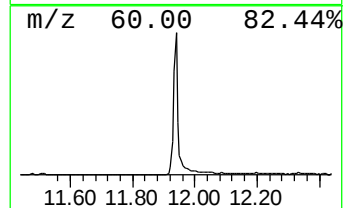
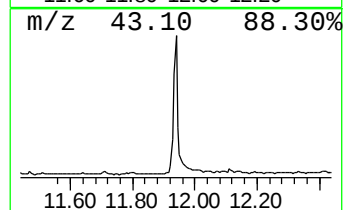
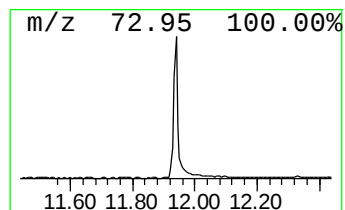
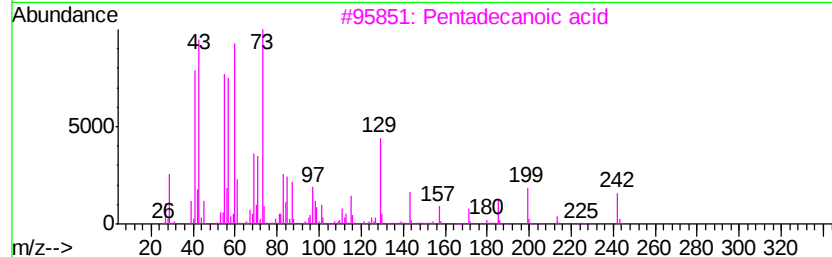
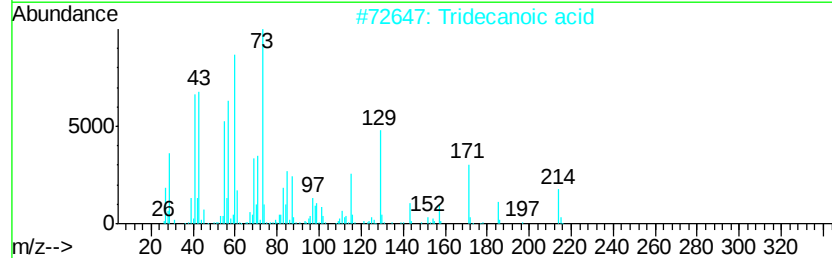
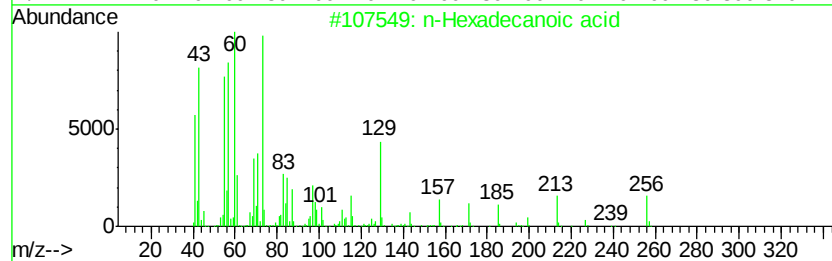
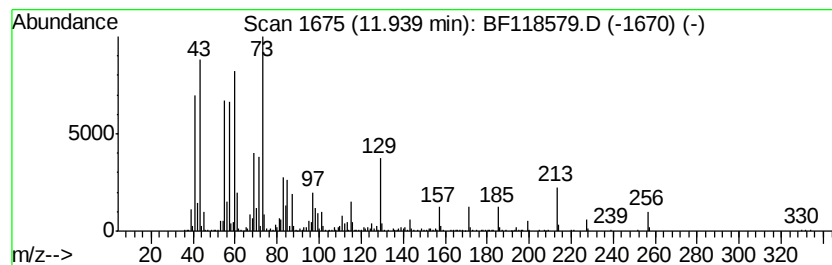
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	6.83 ng	1094140	Phenanthrene-d10	11.41

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	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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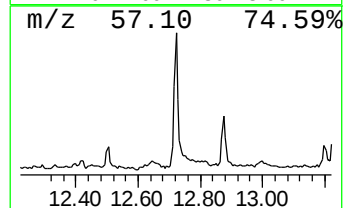
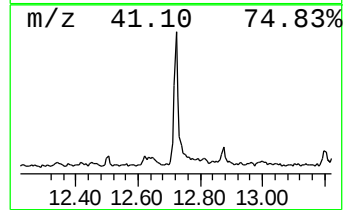
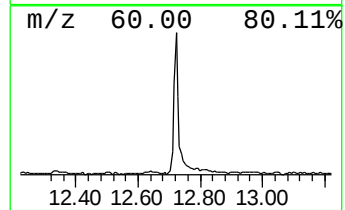
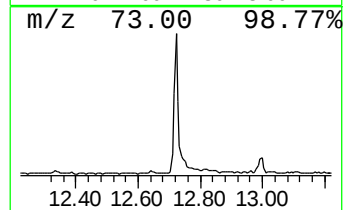
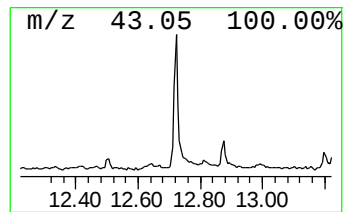
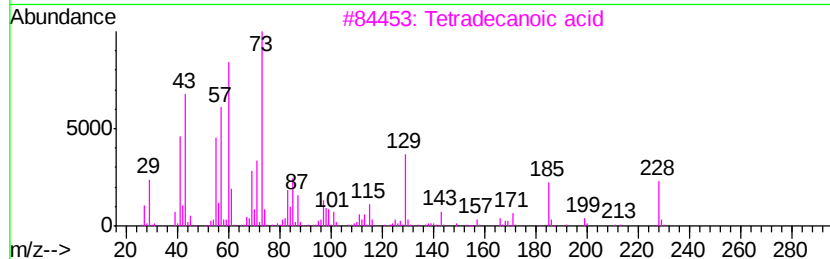
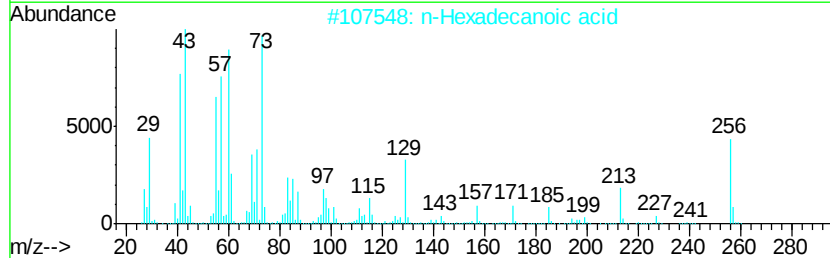
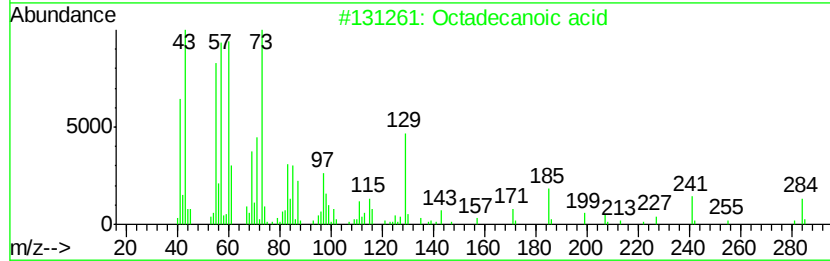
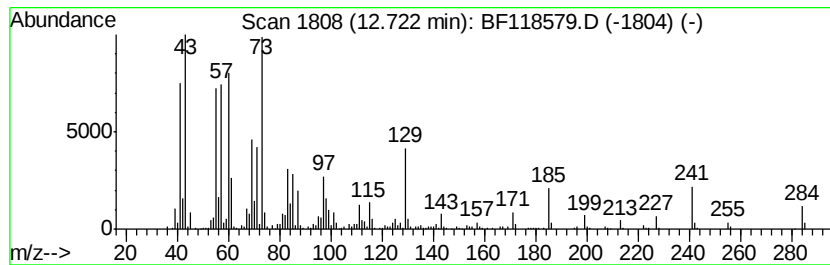
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Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.71 ng	594105	Phenanthrene-d10	11.41

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74



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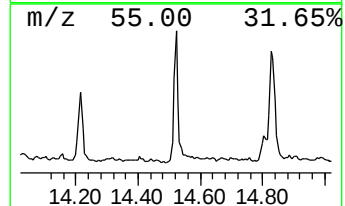
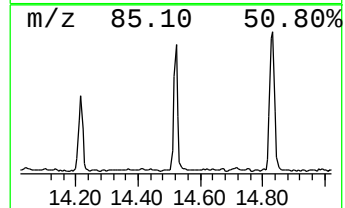
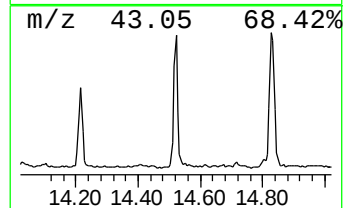
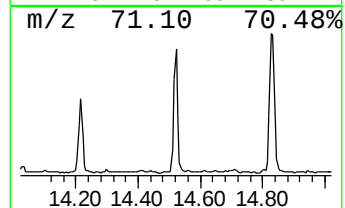
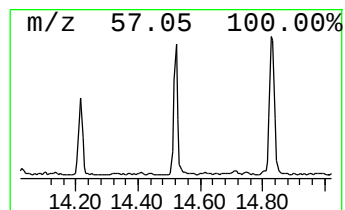
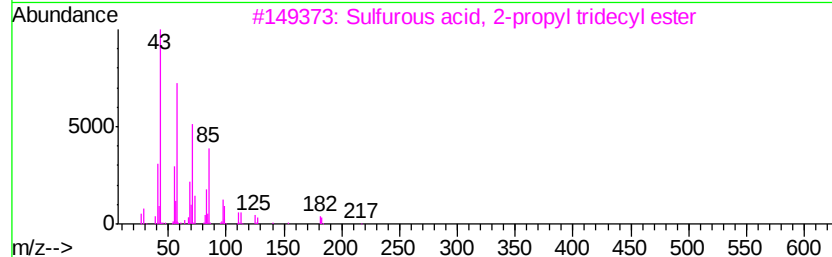
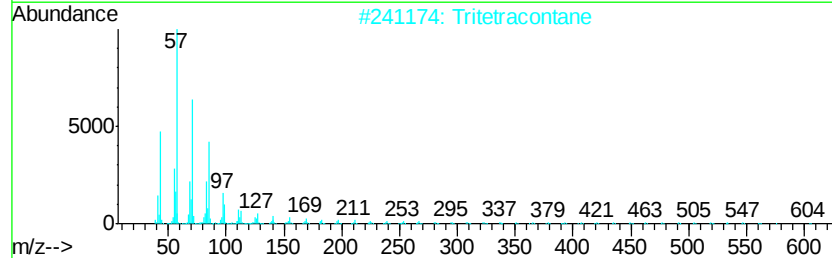
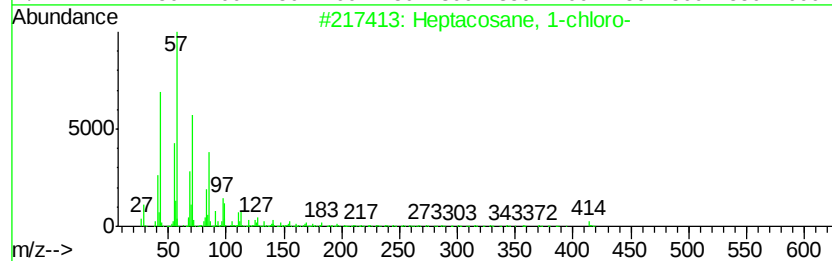
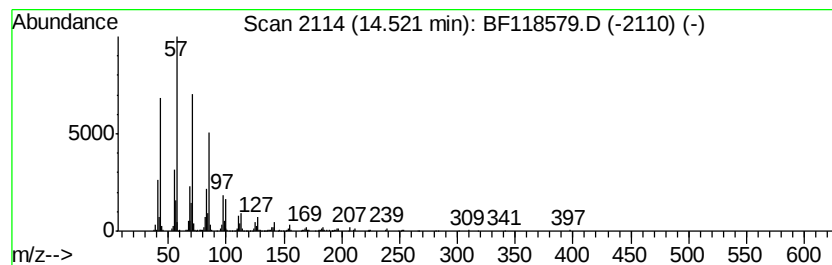
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptacosane, 1-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.89 ng	489062	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2		Tritetracontane	605	C43H88	007098-21-7	91
3		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	91
4		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118579.D
Acq On : 18 Jan 2020 1:06
Operator : JU
Sample : L1173-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0050-DECANT-H2O-COMP-2

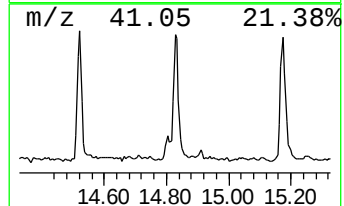
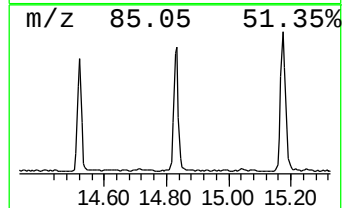
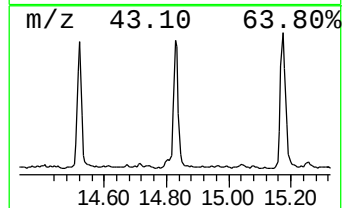
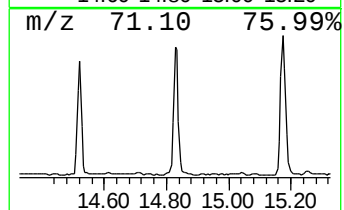
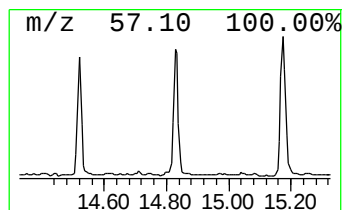
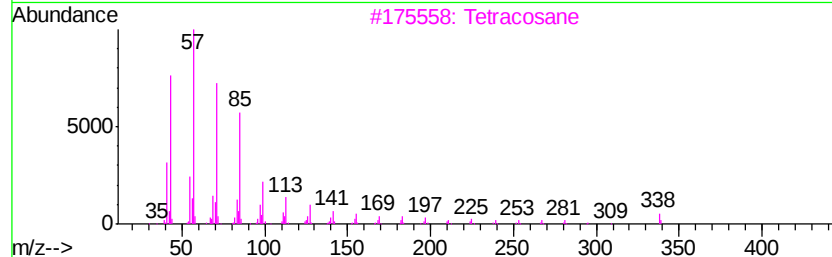
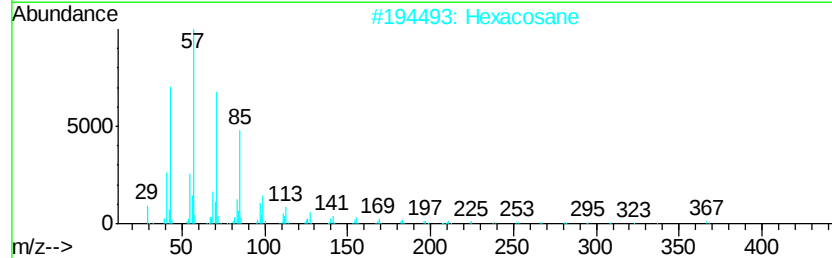
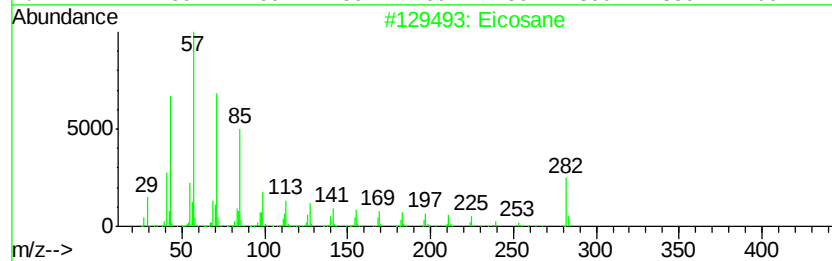
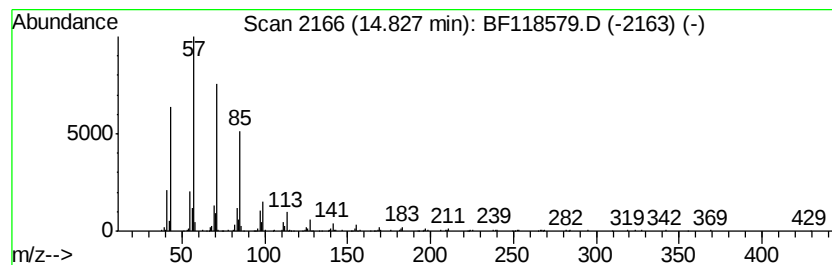
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.83 ng	620145	Perylene-d12	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Hexacosane		366	C26H54	000630-01-3	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118579.D
 Acq On : 18 Jan 2020 1:06
 Operator : JU
 Sample : L1173-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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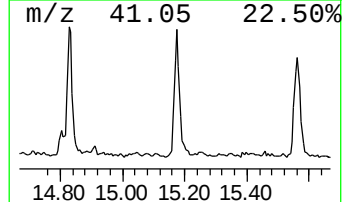
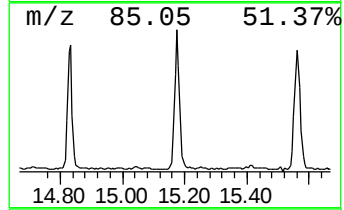
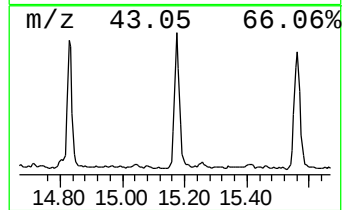
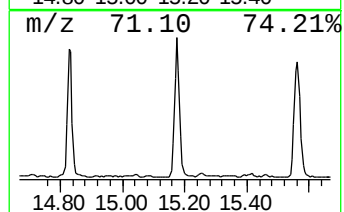
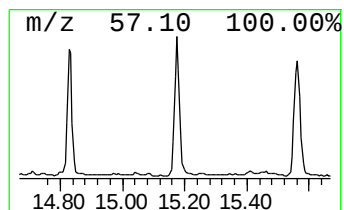
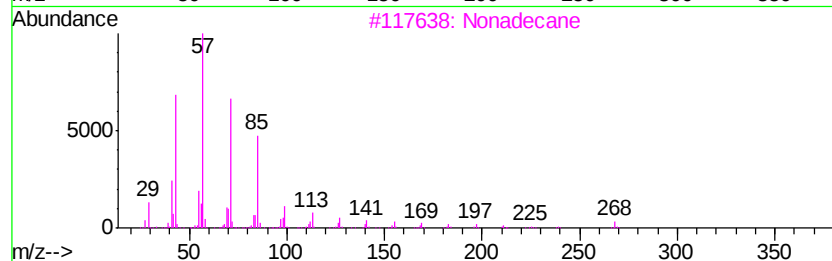
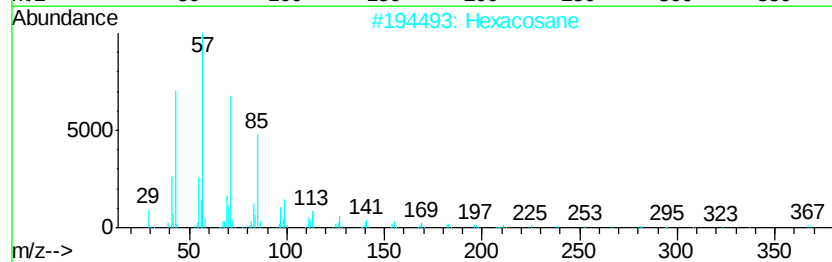
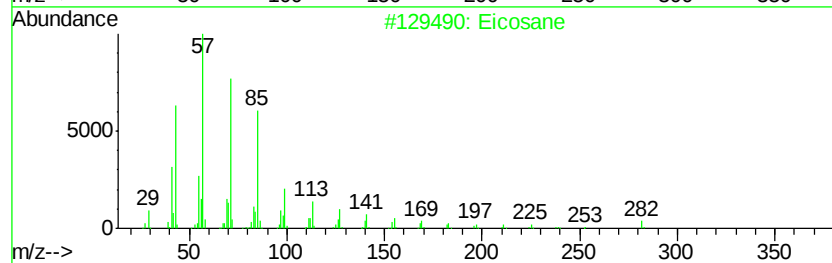
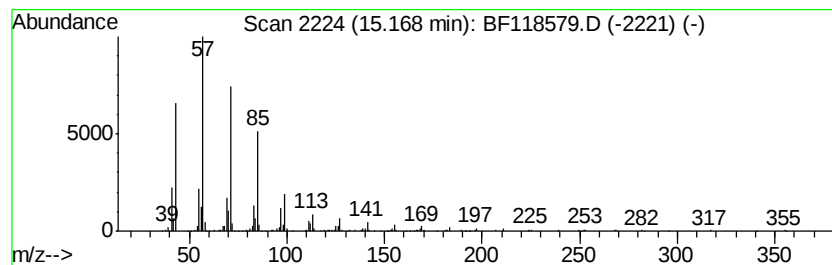
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.20 ng	680277	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hexacosane	366	C26H54	000630-01-3	94
3		Nonadecane	268	C19H40	000629-92-5	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118579.D
 Acq On : 18 Jan 2020 1:06
 Operator : JU
 Sample : L1173-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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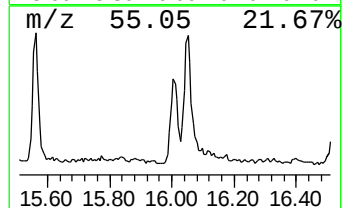
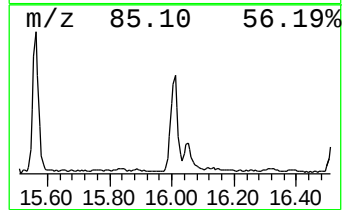
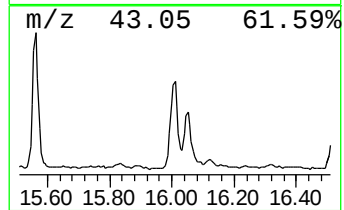
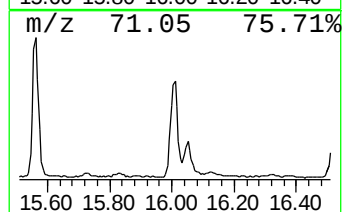
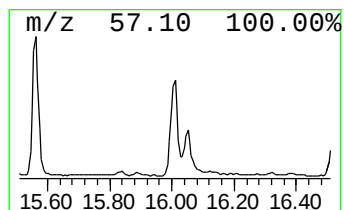
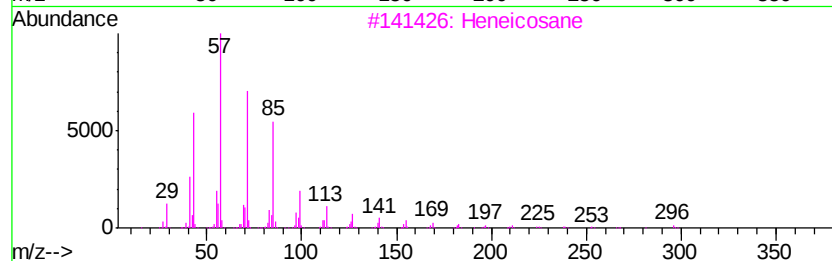
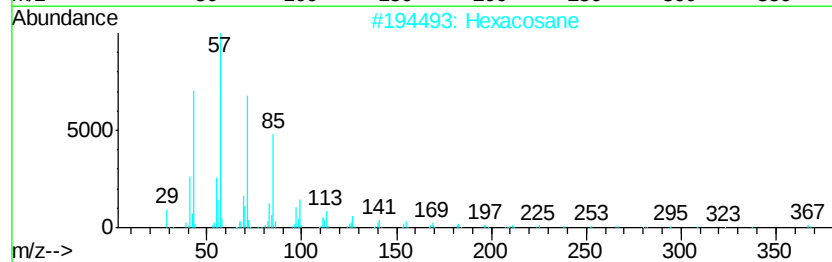
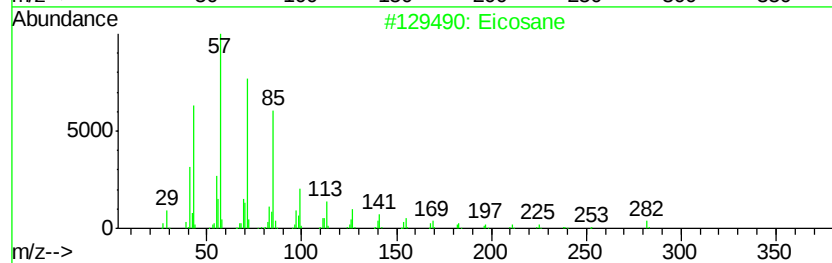
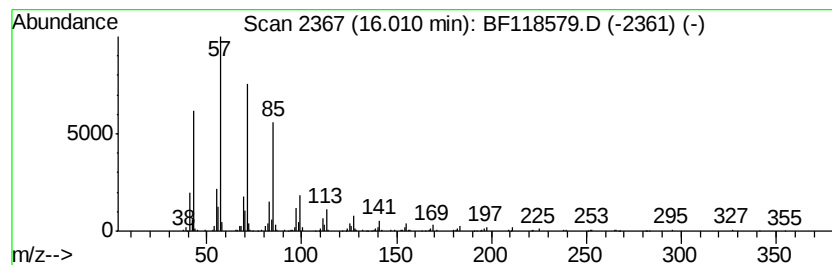
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	3.35 ng	542435	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Hexacosane	366	C26H54	000630-01-3	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
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Acq On : 18 Jan 2020 1:06
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Sample : L1173-01
Misc :
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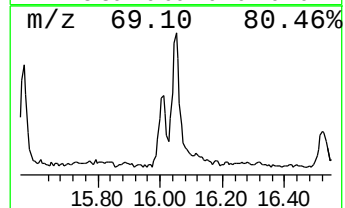
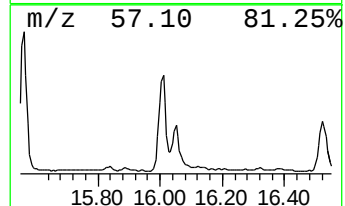
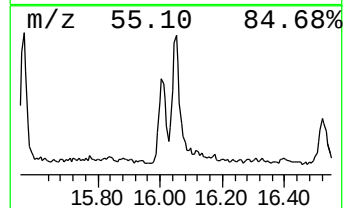
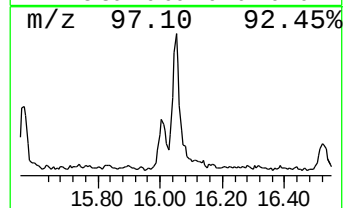
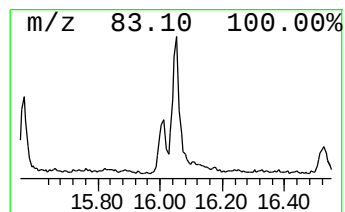
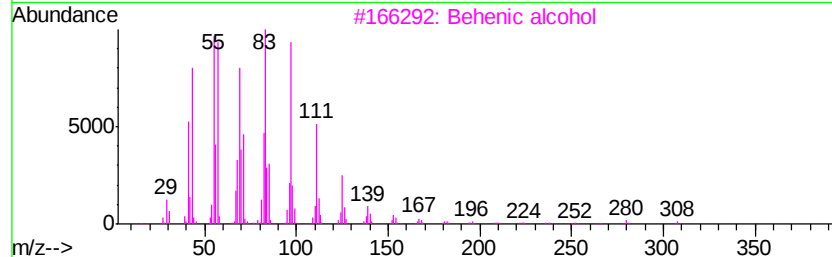
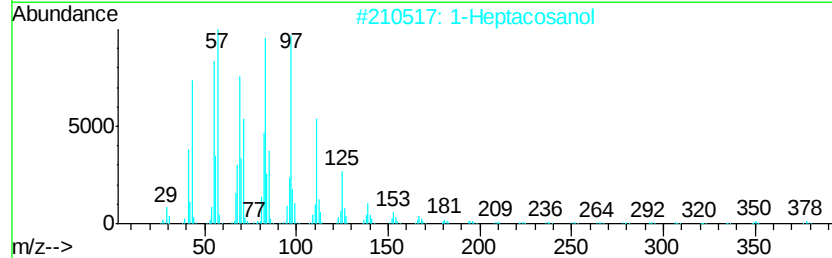
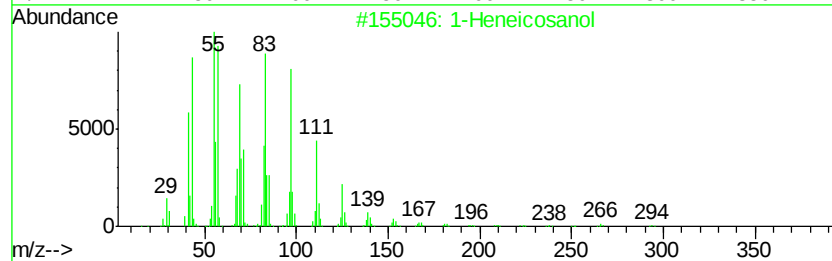
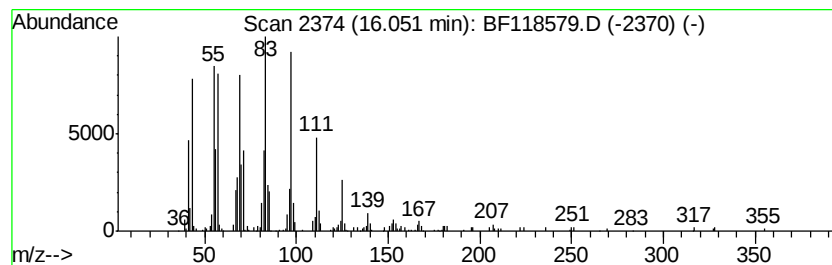
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Heptacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.05	3.03 ng	490333	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\
 Data File : BF118579.D
 Acq On : 18 Jan 2020 1:06
 Operator : JU
 Sample : L1173-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.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...	5.10	7.3	ng	742090	1	6.89	2047560	20.0
unknown6.66	6.66	93.4	ng	9561300	1	6.89	2047560	20.0
n-Hexadecanoic acid	11.94	6.8	ng	1094140	4	11.41	3202360	20.0
Octadecanoic acid	12.72	3.7	ng	594105	4	11.41	3202360	20.0
Heptacosane, 1-ch...	14.52	2.9	ng	489062	5	14.05	3389420	20.0
Eicosane	14.83	3.8	ng	620145	6	15.52	3237700	20.0
Hexacosane	15.17	4.2	ng	680277	6	15.52	3237700	20.0
Heneicosane	16.01	3.4	ng	542435	6	15.52	3237700	20.0
1-Heptacosanol	16.05	3.0	ng	490333	6	15.52	3237700	20.0