

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131343.D
 Acq On : 22 Nov 2022 22:17
 Operator : CG\JU
 Sample : N5641-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-16

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-BF112122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131343.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	26	34	40	rBV	1024493	1329381	48.98%	6.829%
2	5.187	522	527	535	rVB	307431	387864	14.29%	1.992%
3	5.575	587	593	596	rBV	2522573	2469681	91.00%	12.686%
4	5.804	629	632	635	rVB	37225	32470	1.20%	0.167%
5	6.575	757	763	766	rBV	2168613	2496559	91.99%	12.824%
6	6.963	825	829	832	rBV	744473	569380	20.98%	2.925%
7	7.528	920	925	928	rBV	1667163	1603642	59.09%	8.237%
8	8.145	1027	1030	1044	rBV	190800	236738	8.72%	1.216%
9	8.251	1044	1048	1051	rVB	929481	728567	26.84%	3.742%
10	9.333	1226	1232	1235	rBV	3219889	2714036	100.00%	13.941%
11	10.016	1344	1348	1351	rBV	1193636	970698	35.77%	4.986%
12	10.804	1478	1482	1486	rBV	1657325	1563064	57.59%	8.029%
13	11.280	1560	1563	1568	rVB	114733	92310	3.40%	0.474%
14	11.510	1598	1602	1605	rBV	908355	765043	28.19%	3.930%
15	12.027	1687	1690	1694	rBV2	38156	35804	1.32%	0.184%
16	13.110	1869	1874	1877	rBV	1970382	1864835	68.71%	9.579%
17	13.974	2017	2021	2024	rBV	70434	59324	2.19%	0.305%
18	14.168	2050	2054	2057	rBV	486158	443960	16.36%	2.280%
19	14.304	2073	2077	2080	rBV	183934	156767	5.78%	0.805%
20	14.345	2080	2084	2086	rVV	257103	233618	8.61%	1.200%
21	14.374	2086	2089	2090	rVV	80069	75329	2.78%	0.387%
22	14.392	2090	2092	2097	rVB	91261	82645	3.05%	0.425%
23	14.692	2140	2143	2147	rVB2	37548	37901	1.40%	0.195%
24	15.709	2310	2316	2320	rBV	396328	518089	19.09%	2.661%

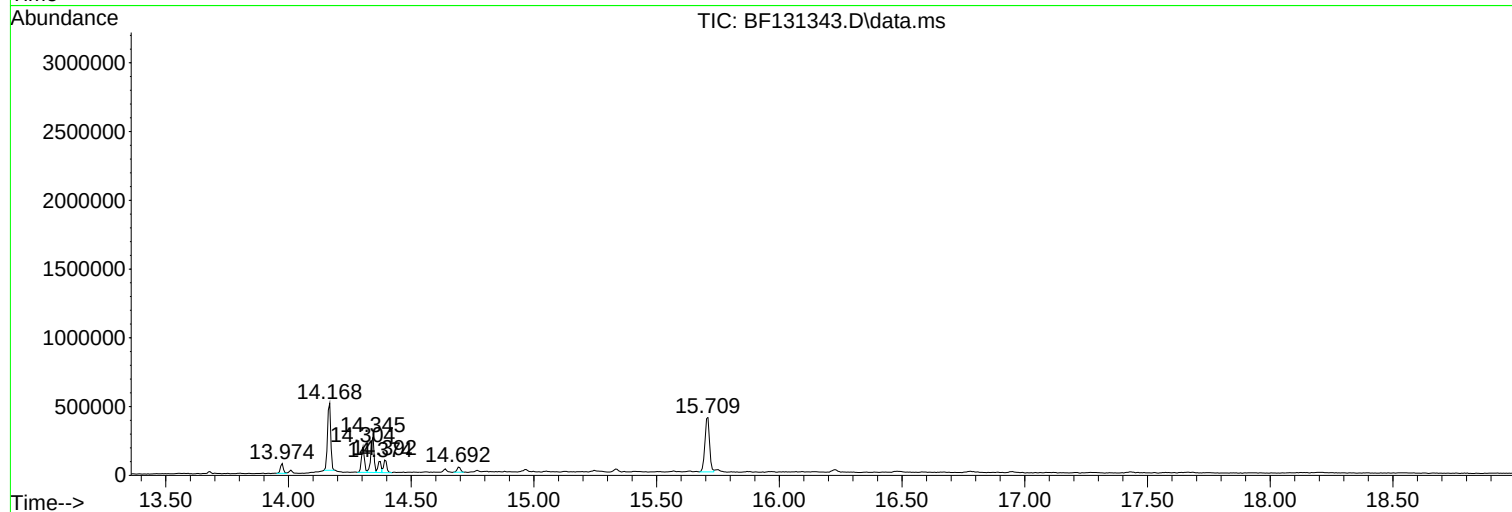
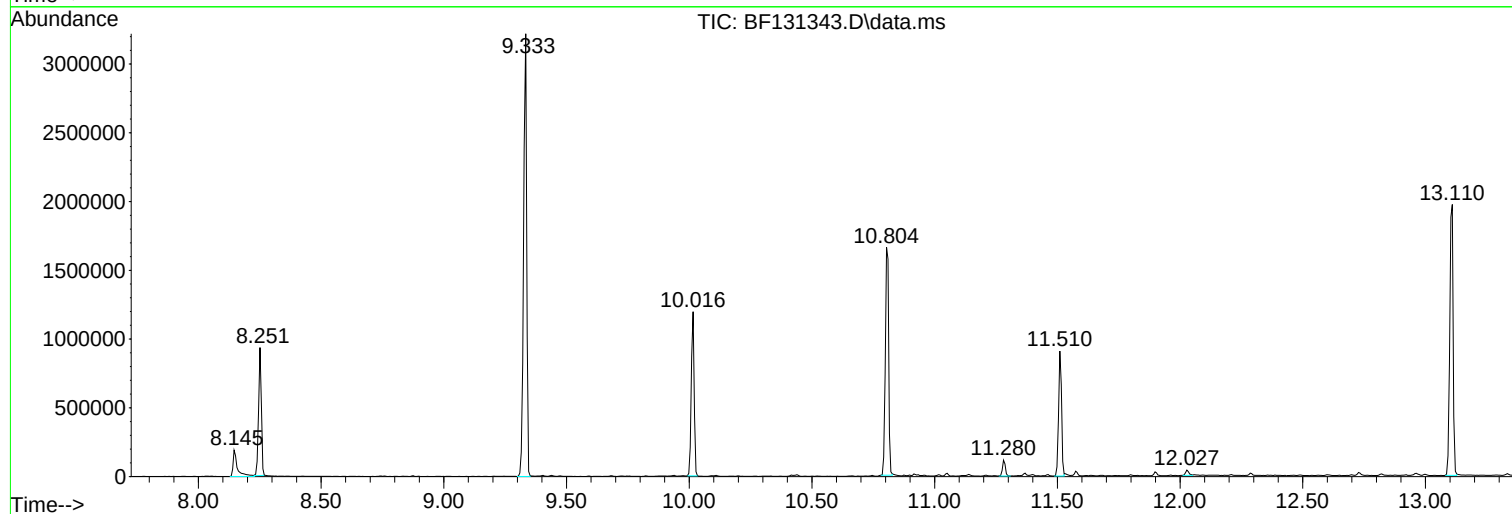
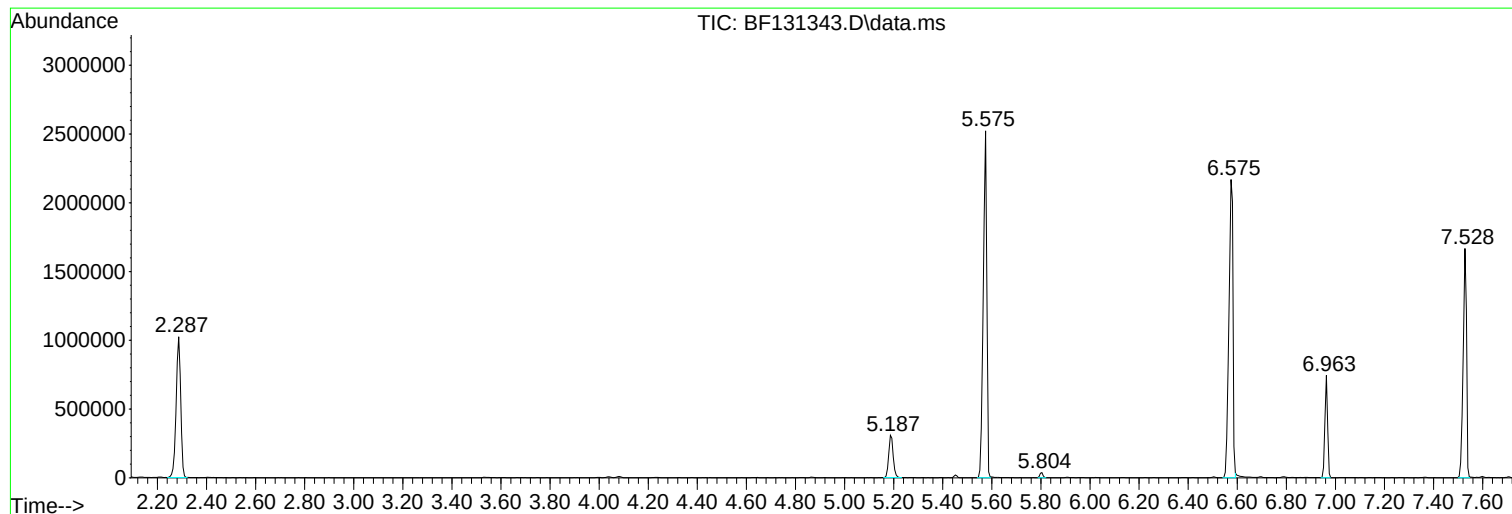
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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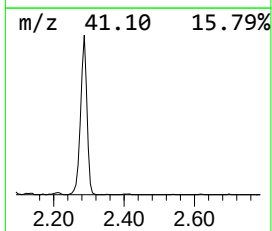
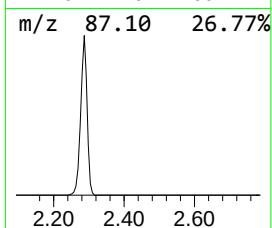
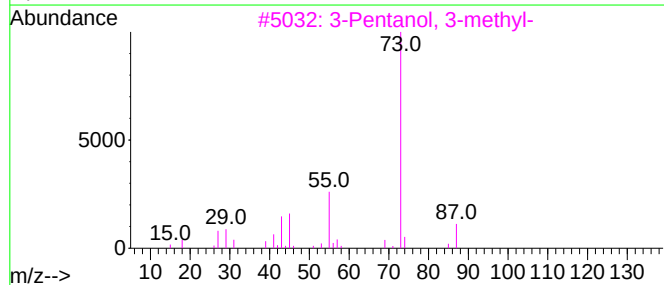
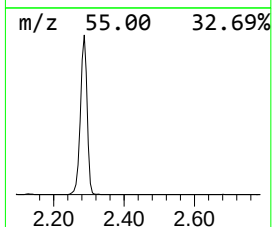
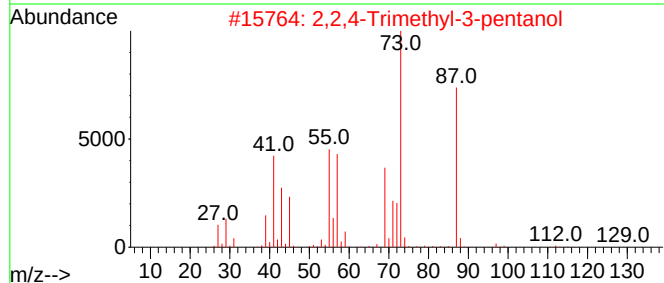
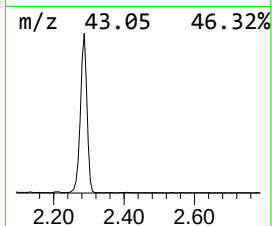
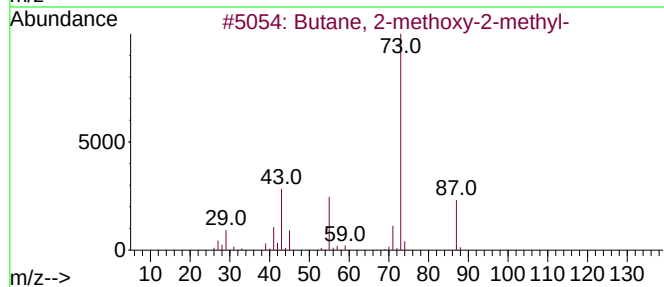
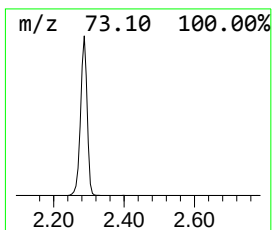
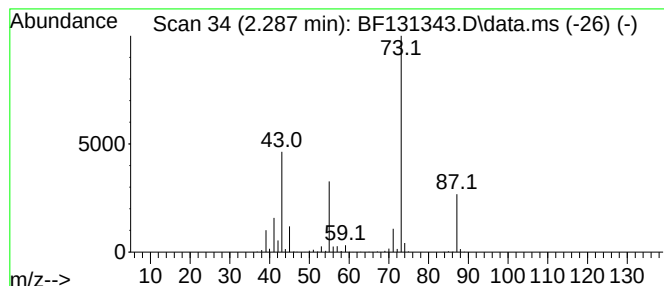
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.287	46.70 ng	1329380	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25



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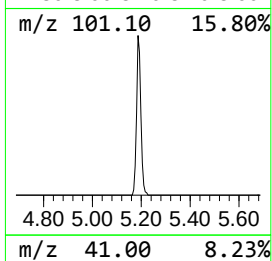
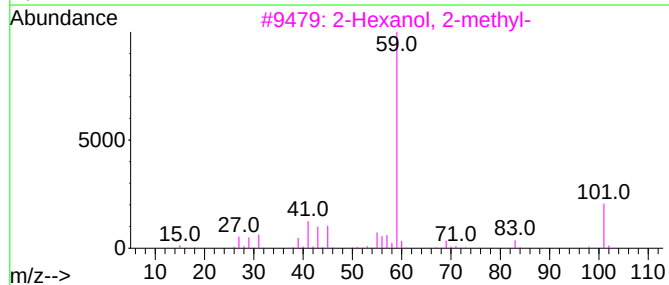
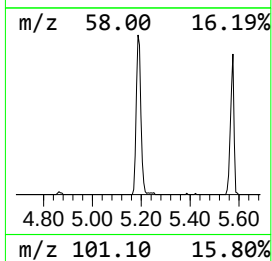
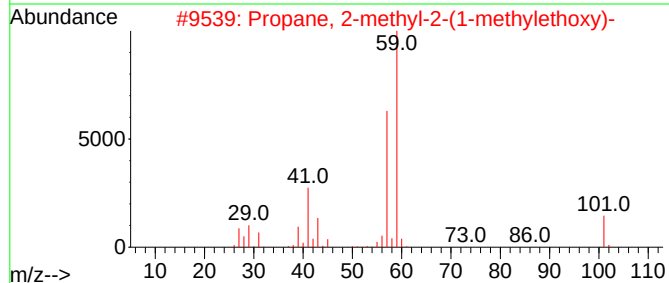
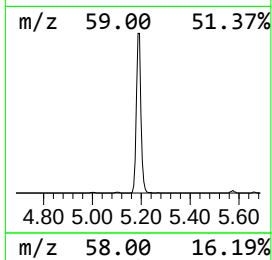
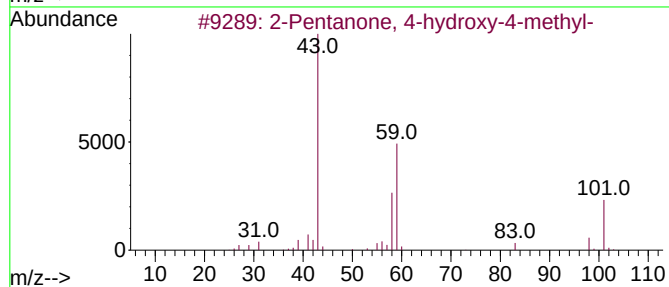
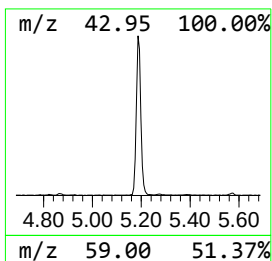
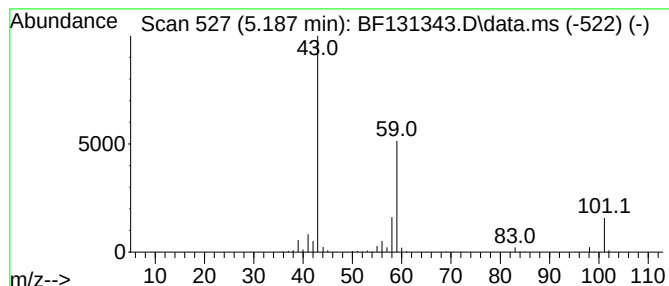
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	13.62 ng	387864	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27



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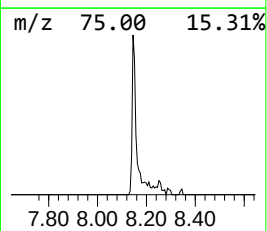
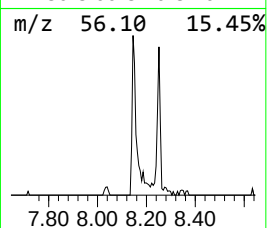
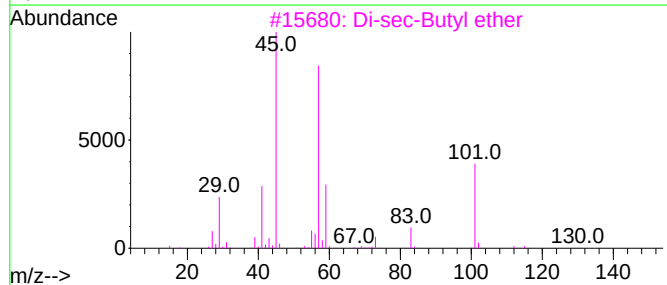
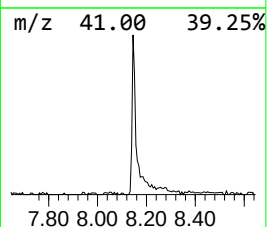
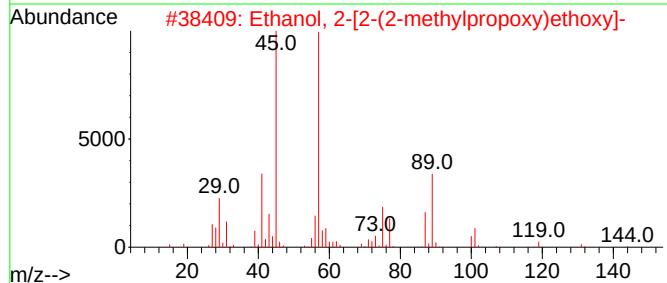
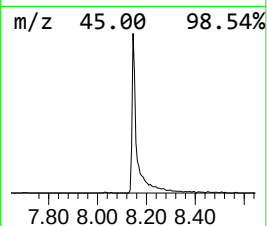
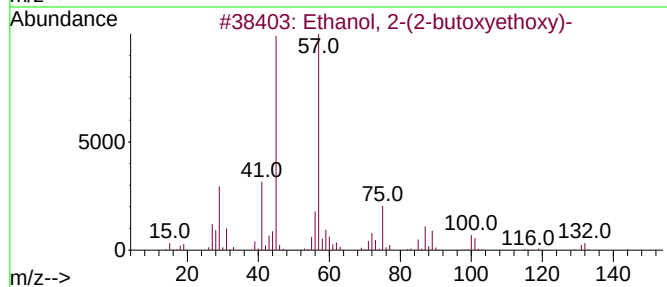
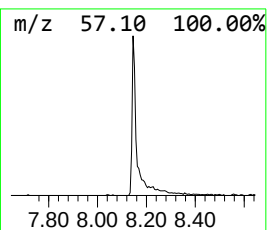
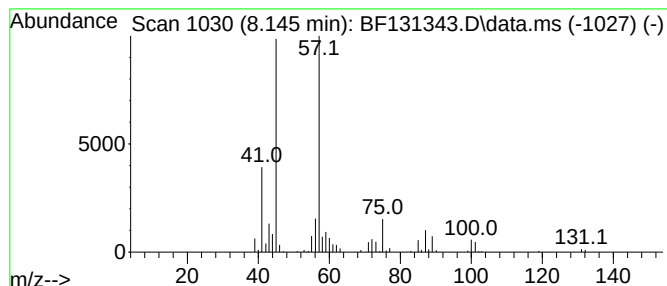
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.145	6.50 ng	236738	Naphthalene-d8	8.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
3			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4			DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	50
5			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45



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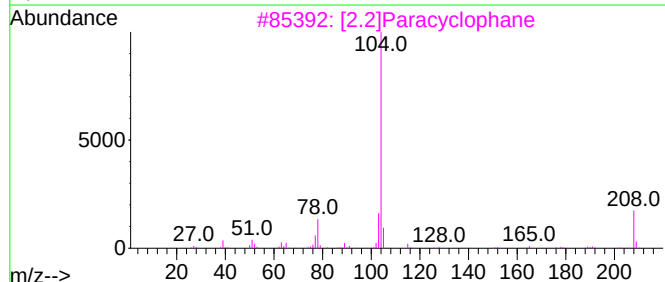
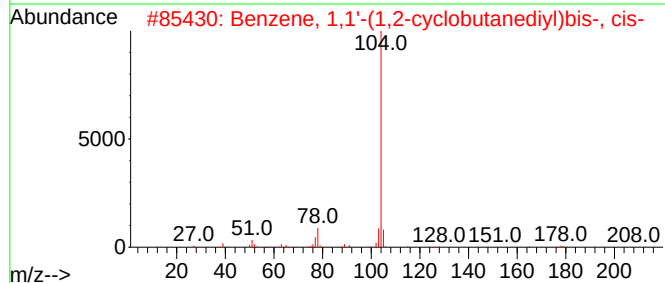
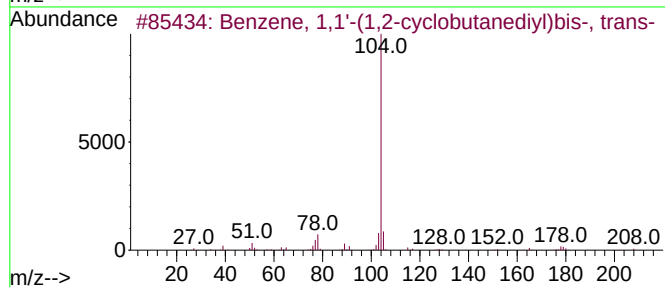
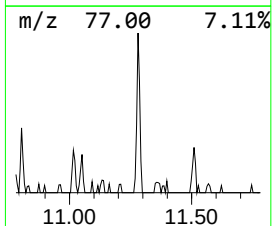
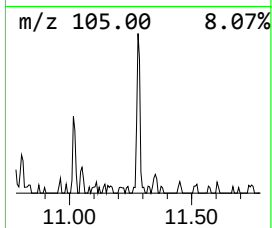
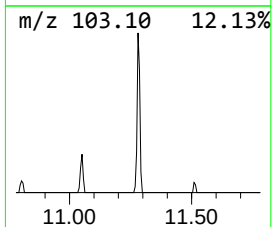
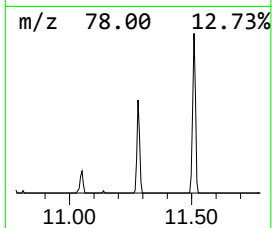
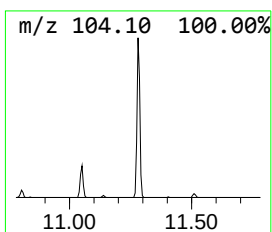
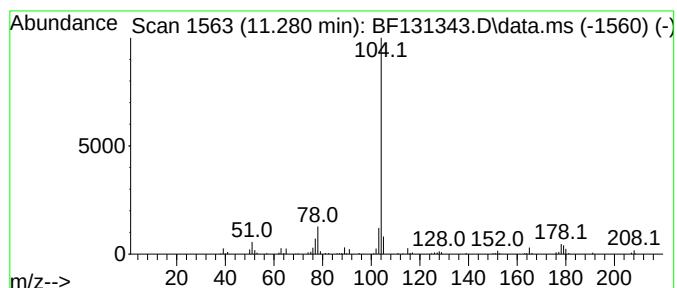
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.280	2.41 ng	92310	Phenanthrene-d10		11.510	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...		208	C16H16	020071-09-4	90
2	Benzene, 1,1'-(1,2-cyclobutanedi...		208	C16H16	007694-30-6	87
3	[2.2]Paracyclophane		208	C16H16	001633-22-3	81
4	5,5-Dimethyl-4-phenyldihydrofura...		190	C12H14O2	013133-96-5	64
5	Cyclobutane, 1,3-diphenyl-, trans-		208	C16H16	025558-23-0	64



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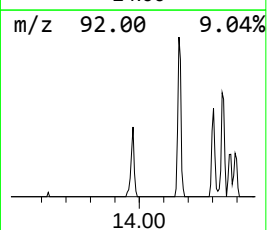
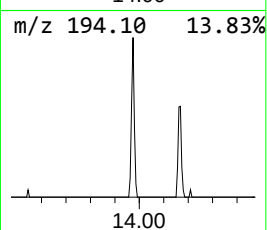
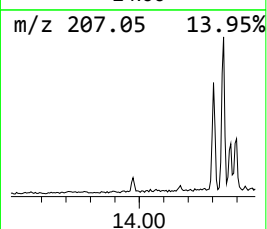
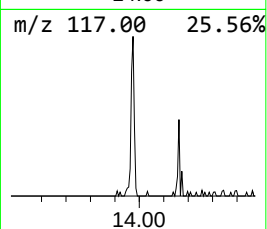
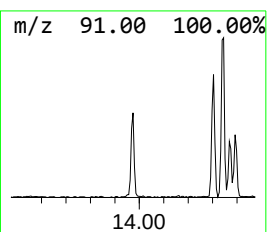
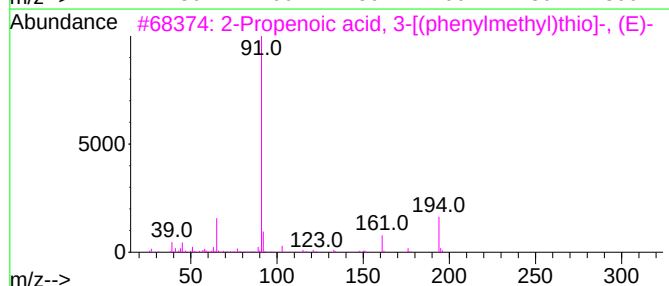
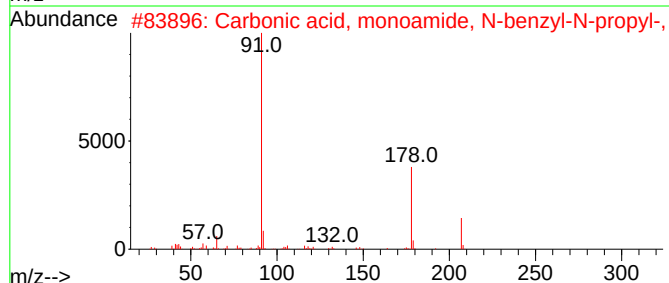
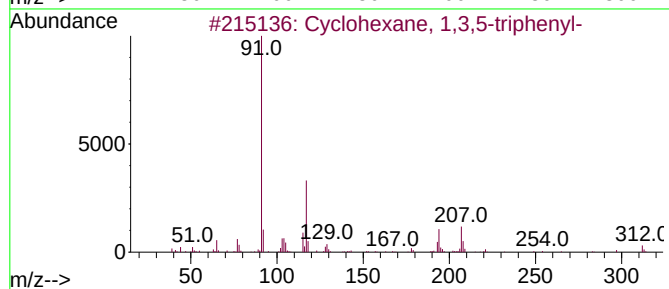
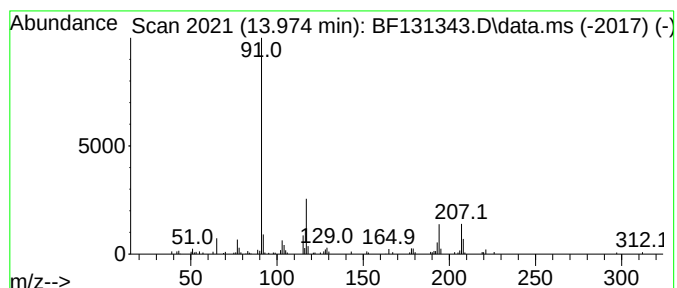
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,3,5-triphenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.974	2.67 ng	59324	Chrysene-d12	14.168	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-triphenyl-	312	C24H24	028336-57-4	91
2	Carbonic acid, monoamide, N-benz...	207	C12H17NO2	1000451-48-5	38
3	2-Propenoic acid, 3-[(phenylmeth...	194	C10H10O2S	013831-01-1	38
4	Benzenepropanoic acid, 2-methoxy...	194	C11H14O3	055001-09-7	35
5	N-(Benzyloxycarbonyl)-L-threonin...	252	C12H16N2O4	049705-98-8	27



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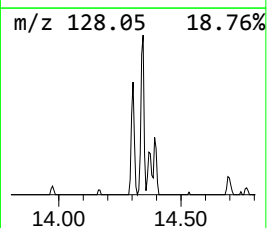
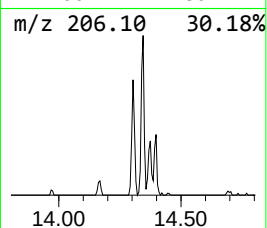
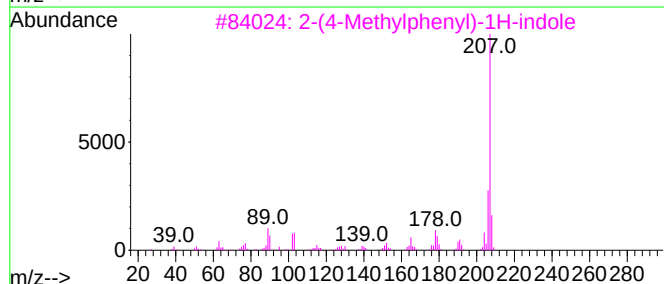
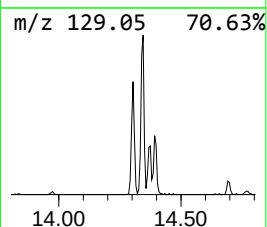
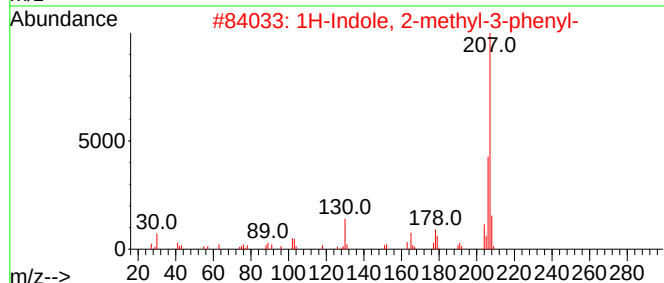
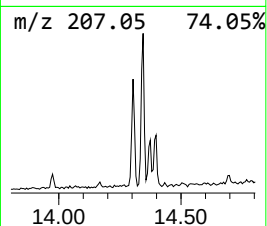
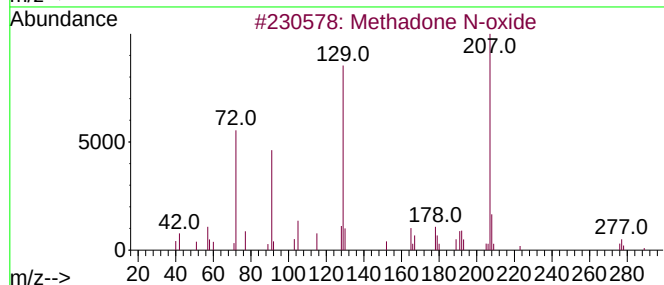
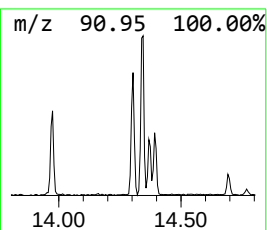
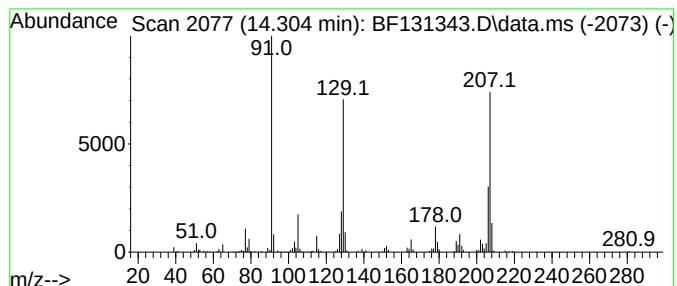
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Methadone N-oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	7.06 ng	156767	Chrysene-d12	14.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methadone N-oxide	325	C21H27NO2	1000120-80-7	64
2			1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	60
3			2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	49
4			4-Methyl-3-phenyl-1H-indole	207	C15H13N	180271-54-9	49
5			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131343.D
Acq On : 22 Nov 2022 22:17
Operator : CG\JU
Sample : N5641-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

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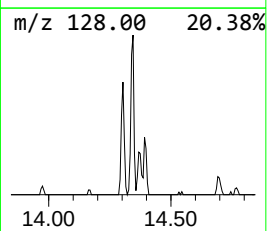
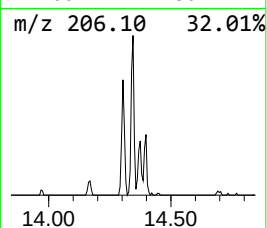
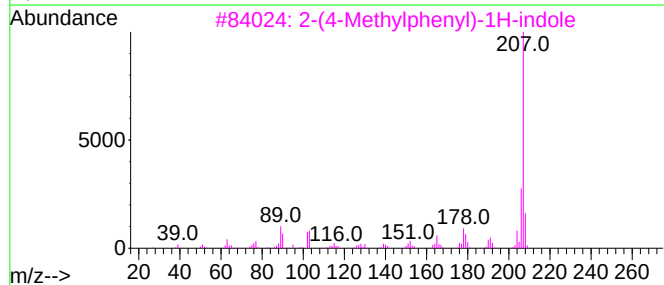
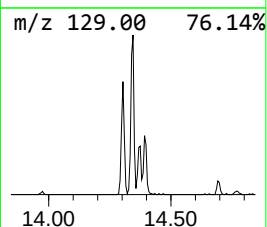
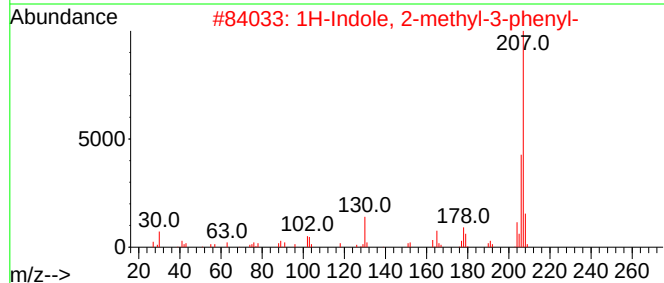
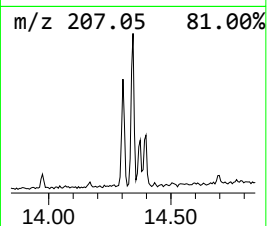
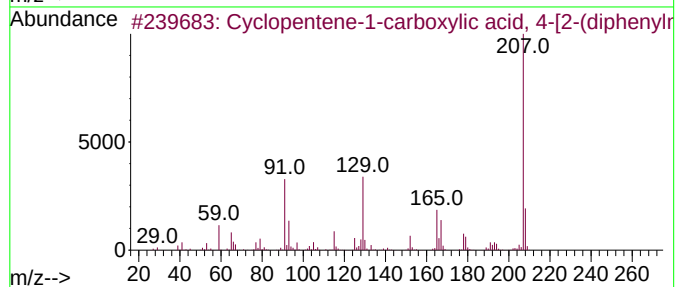
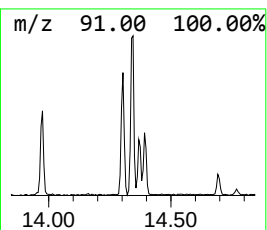
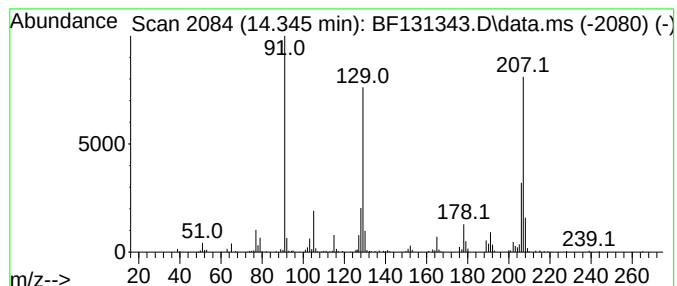
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopentene-1-carboxylic a... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	10.52 ng	233618	Chrysene-d12	14.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	50
2			1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	50
3			2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	43
4			5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	43
5			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131343.D
Acq On : 22 Nov 2022 22:17
Operator : CG\JU
Sample : N5641-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-16

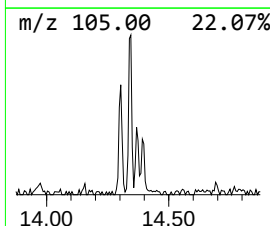
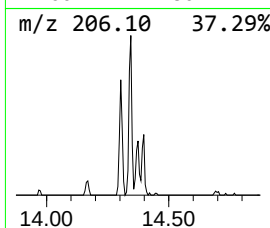
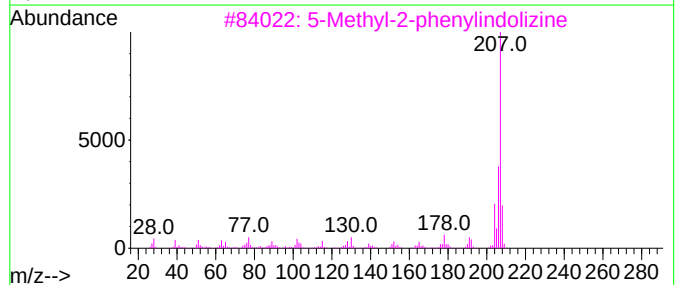
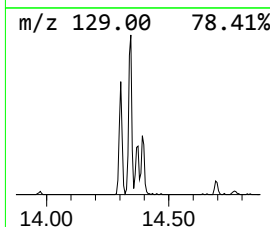
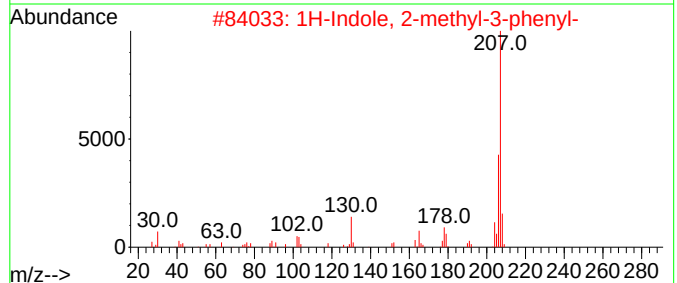
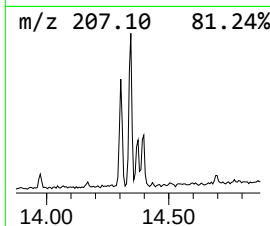
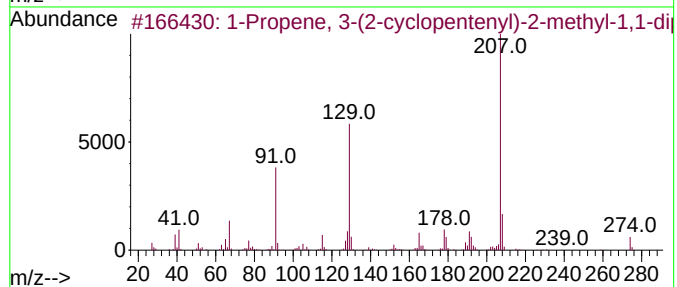
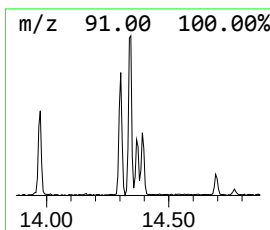
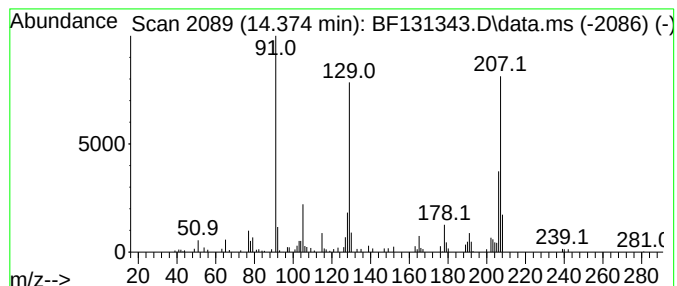
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown14.374 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.374	3.39 ng	75329	Chrysene-d12	14.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	47		
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	41		
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	41		
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38		
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131343.D
Acq On : 22 Nov 2022 22:17
Operator : CG\JU
Sample : N5641-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

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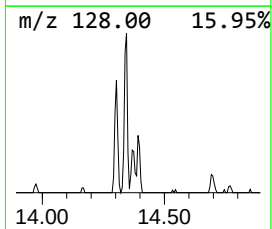
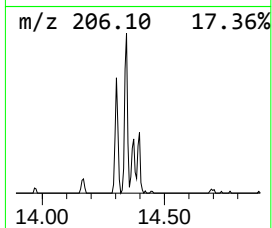
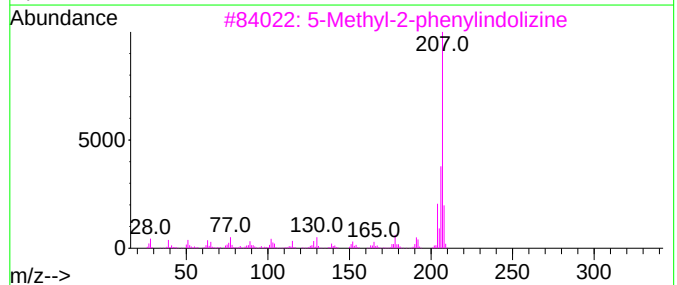
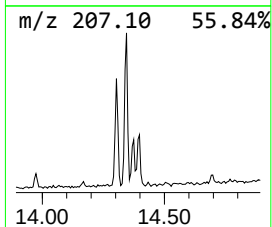
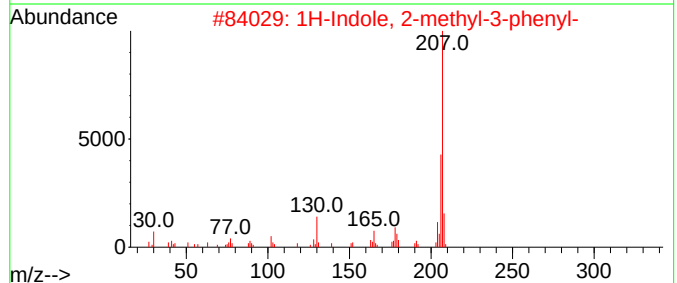
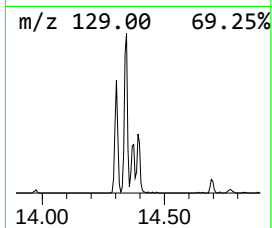
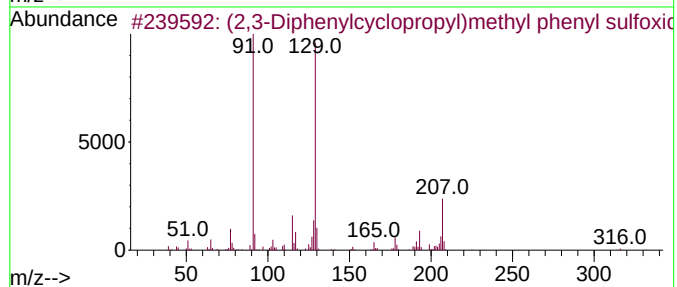
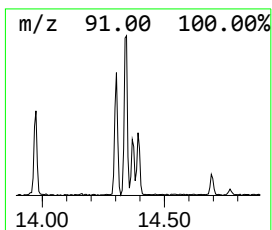
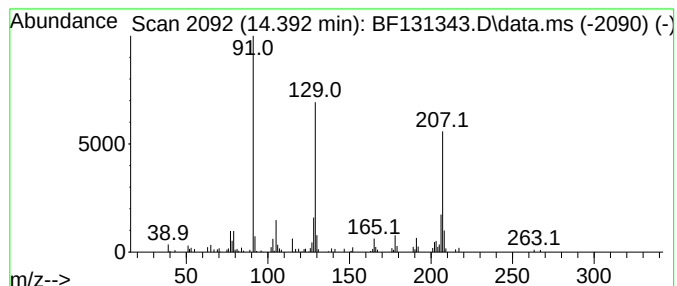
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown14.392 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	3.72 ng	82645	Chrysene-d12	14.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	47
2			1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	41
3			5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
4			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5			1-(4-Chlorophenyl)-3-methyl-1H-p...	207	C10H10ClN3	040401-39-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131343.D
Acq On : 22 Nov 2022 22:17
Operator : CG\JU
Sample : N5641-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.287	46.7	ng	1329380	1	6.963	569380	20.0
2-Pentanone, 4-...	5.187	13.6	ng	387864	1	6.963	569380	20.0
Ethanol, 2-(2-b...	8.145	6.5	ng	236738	2	8.251	728567	20.0
Benzene, 1,1'-(...	11.280	2.4	ng	92310	4	11.510	765043	20.0
Cyclohexane, 1,...	13.974	2.7	ng	59324	5	14.168	443960	20.0
Methadone N-oxide	14.304	7.1	ng	156767	5	14.168	443960	20.0
Cyclopentene-1-...	14.345	10.5	ng	233618	5	14.168	443960	20.0
unknown14.374	14.374	3.4	ng	75329	5	14.168	443960	20.0
unknown14.392	14.392	3.7	ng	82645	5	14.168	443960	20.0