

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050495.D
 Acq On : 7 Oct 2021 23:13
 Operator : CG/JU
 Sample : M4131-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-04(NA)

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_G\Methods\8270-BG100621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050495.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.791	385	392	404	rBV	737421	1244031	15.08%	2.665%
2	7.395	656	665	679	rVB	773264	1403160	17.01%	3.006%
3	8.258	805	812	819	rBV	200218	353764	4.29%	0.758%
4	9.428	1001	1011	1025	rBV	463930	862879	10.46%	1.849%
5	10.826	1243	1249	1258	rBV	277296	462910	5.61%	0.992%
6	11.085	1284	1293	1299	rBV	271408	507602	6.15%	1.087%
7	13.499	1696	1704	1712	rBV	946187	1478863	17.92%	3.168%
8	14.874	1930	1938	1946	rBV	437533	696611	8.44%	1.492%
9	15.145	1978	1984	1992	rBV	74555	122218	1.48%	0.262%
10	16.355	2184	2190	2203	rVB	849780	1285249	15.58%	2.753%
11	17.618	2394	2405	2410	rBV	530860	836782	10.14%	1.793%
12	18.470	2545	2550	2556	rBV2	67068	97813	1.19%	0.210%
13	18.817	2604	2609	2618	rBV2	59293	110349	1.34%	0.236%
14	20.203	2839	2845	2852	rBV	1364964	1821413	22.07%	3.902%
15	20.738	2931	2936	2941	rBV	123259	168956	2.05%	0.362%
16	21.519	3065	3069	3079	rVB4	66317	109333	1.33%	0.234%
17	21.913	3127	3136	3142	rBV3	479605	988218	11.98%	2.117%
18	22.001	3142	3151	3159	rVB	316167	589067	7.14%	1.262%
19	22.665	3255	3264	3272	rBV	2073906	4105252	49.75%	8.795%
20	22.988	3308	3319	3331	rBV	3862161	8251286	100.00%	17.677%
21	23.100	3332	3338	3339	rVV3	60957	94715	1.15%	0.203%
22	23.153	3342	3347	3354	rVV3	175703	402382	4.88%	0.862%
23	23.229	3354	3360	3366	rVB	102250	209482	2.54%	0.449%
24	23.388	3382	3387	3390	rBV2	49734	96469	1.17%	0.207%
25	23.435	3390	3395	3407	rVB3	112207	269417	3.27%	0.577%
26	24.116	3505	3511	3520	rVB4	49670	128338	1.56%	0.275%
27	24.451	3552	3568	3580	rBV	1436179	4650927	56.37%	9.964%
28	24.704	3594	3611	3631	rBV3	836413	3811675	46.19%	8.166%
29	24.874	3631	3640	3651	rVB	266073	737710	8.94%	1.580%
30	25.197	3691	3695	3706	rVB5	52217	135259	1.64%	0.290%
31	25.333	3708	3718	3730	rBV2	284933	854578	10.36%	1.831%
32	26.578	3917	3930	3945	rBV	486917	1913838	23.19%	4.100%
33	26.966	3981	3996	4006	rBV3	123645	539854	6.54%	1.157%
34	28.000	4152	4172	4189	rVB2	1124389	4855468	58.84%	10.402%
35	29.469	4405	4422	4438	rVB	542345	2482856	30.09%	5.319%

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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_G\Methods\8270-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

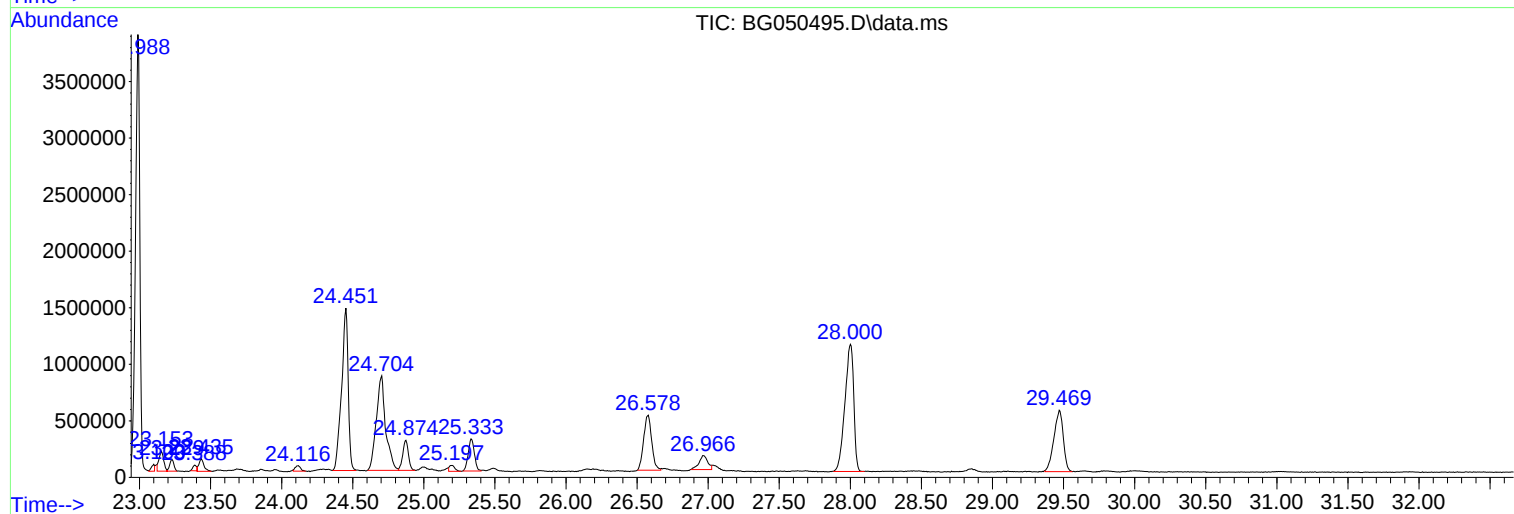
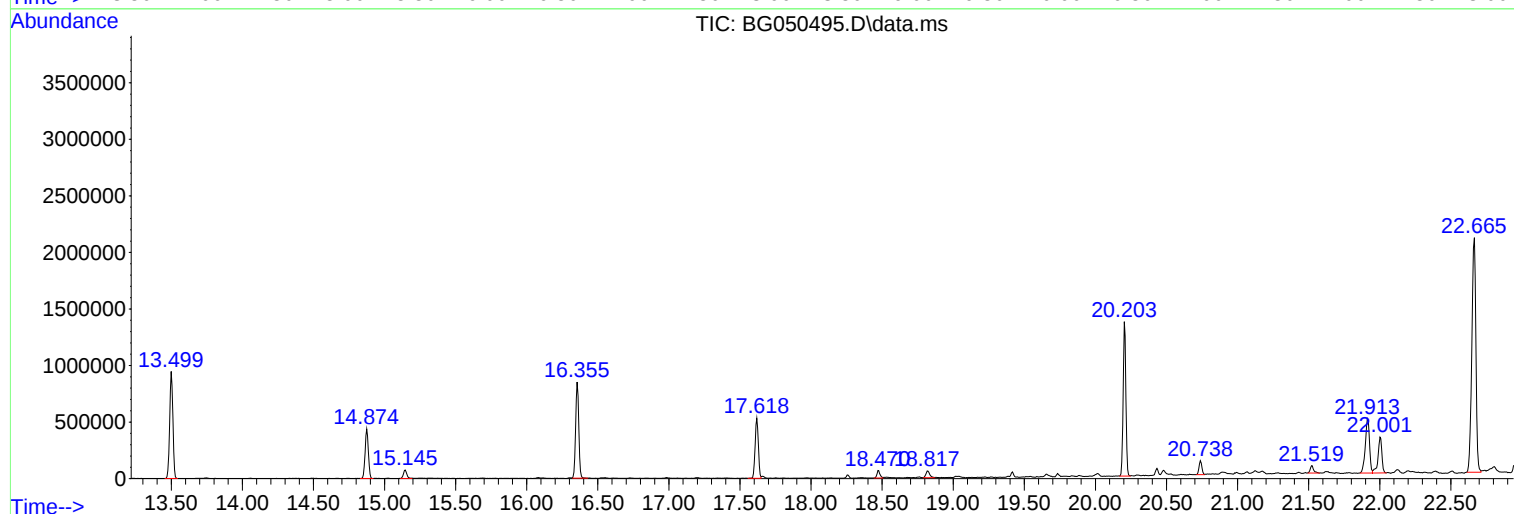
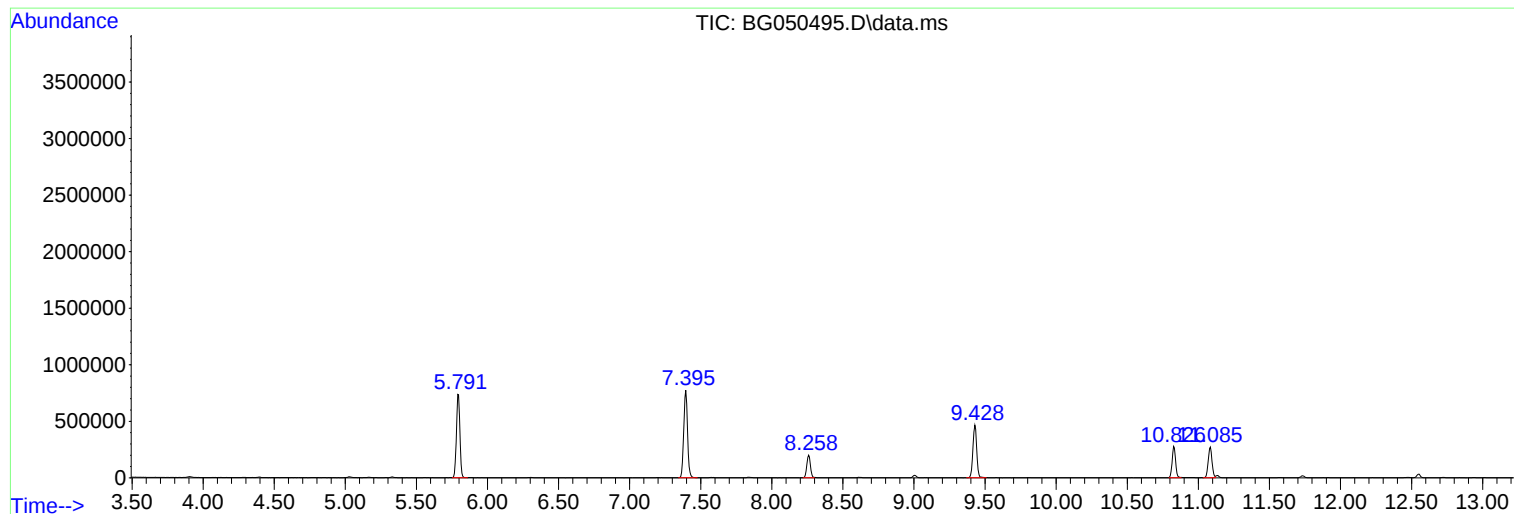
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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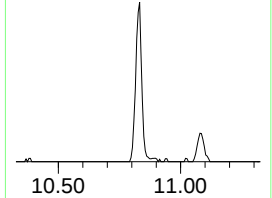
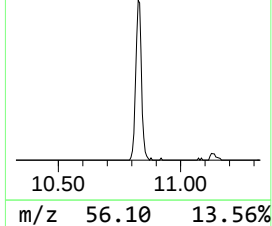
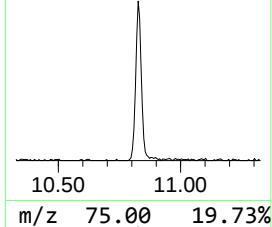
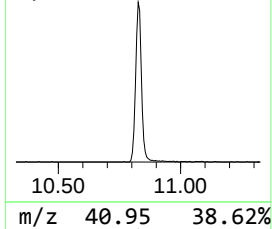
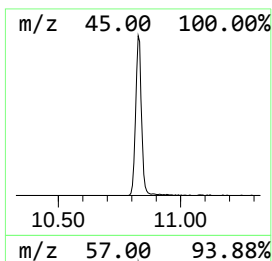
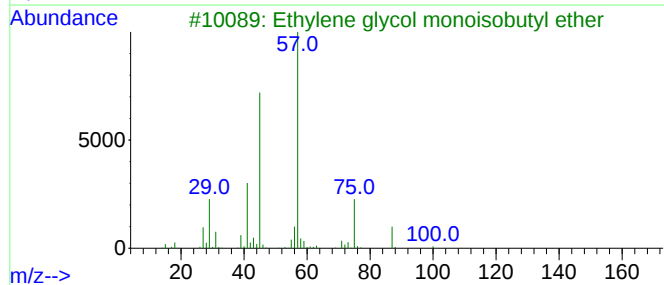
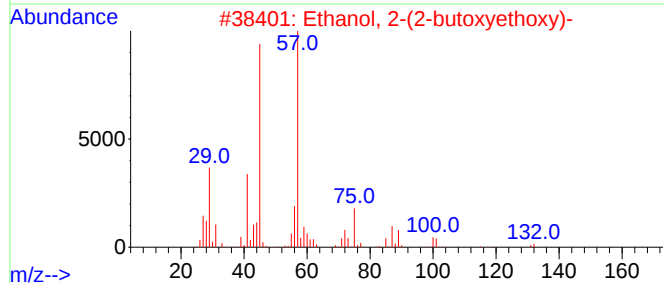
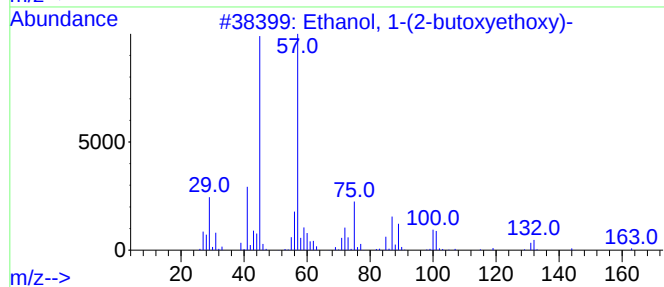
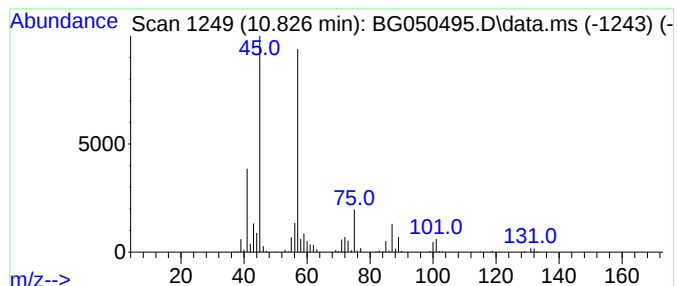
Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.826	18.24 ng	462910	Naphthalene-d8	11.085	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50



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Instrument :
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ClientSampleId :
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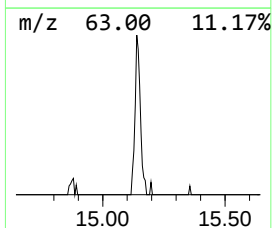
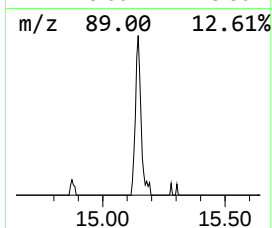
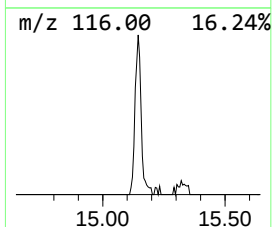
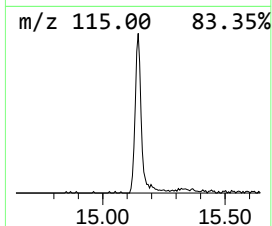
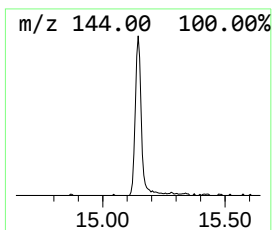
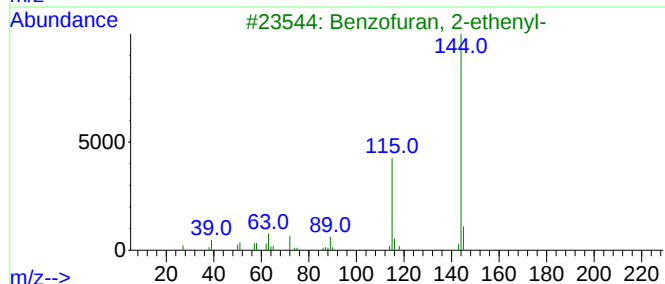
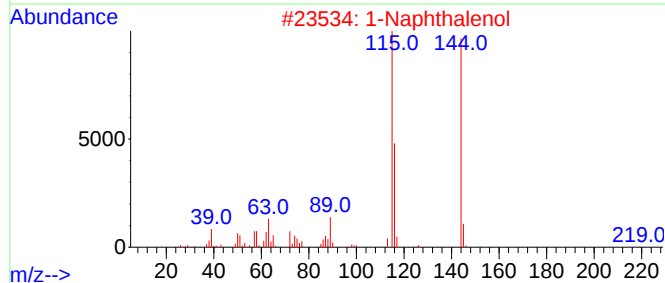
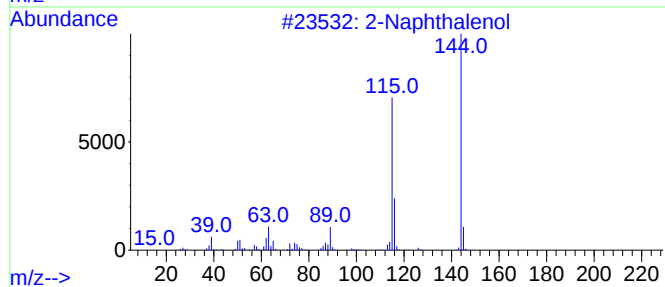
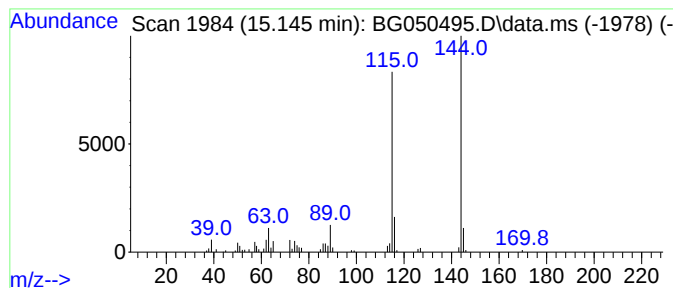
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Naphthalenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	3.51 ng	122218	Acenaphthene-d10	14.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthalenol	144	C10H8O	000135-19-3	93
2			1-Naphthalenol	144	C10H8O	000090-15-3	93
3			Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	91
4			Furan, 3-phenyl-	144	C10H8O	013679-41-9	91
5			Carbaril	201	C12H11NO2	000063-25-2	80



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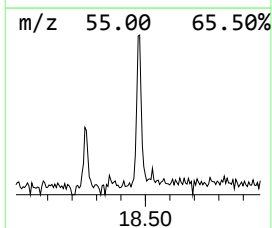
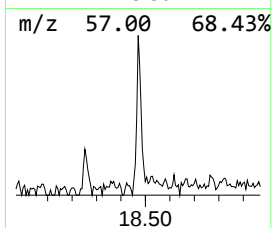
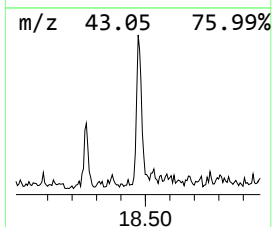
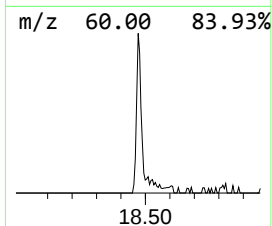
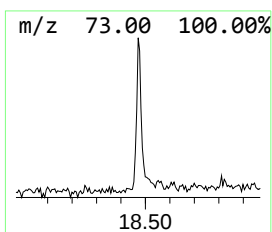
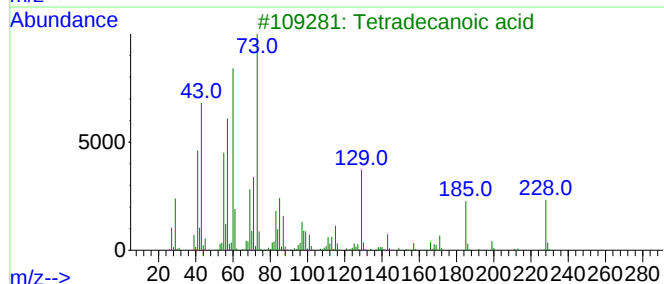
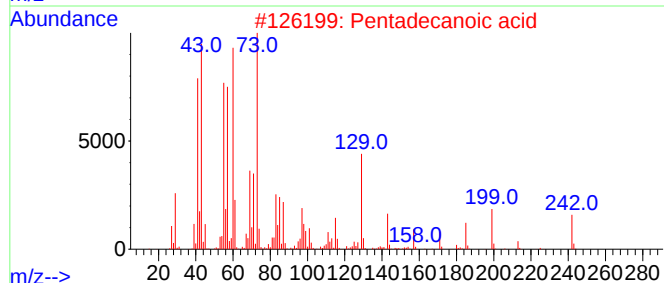
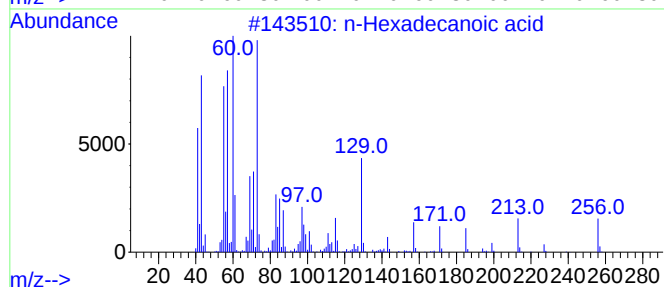
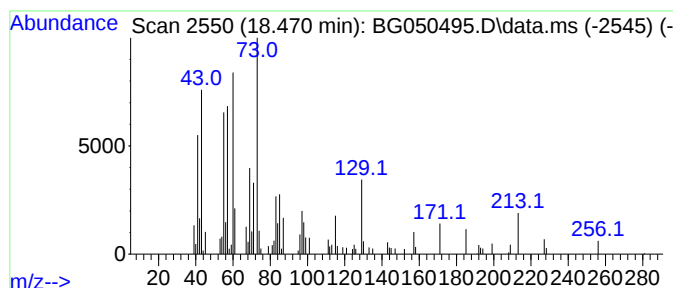
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	2.34 ng	97813	Phenanthrene-d10	17.618

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	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4			Dodecanoic acid	200	C12H24O2	000143-07-7	72
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



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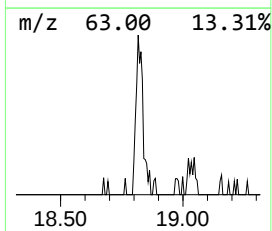
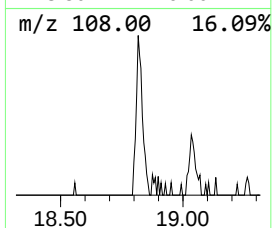
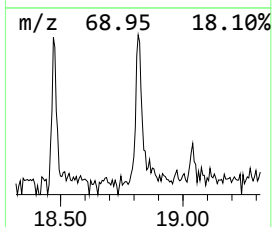
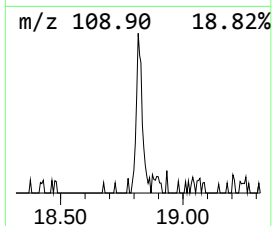
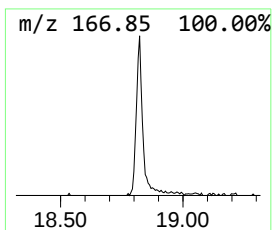
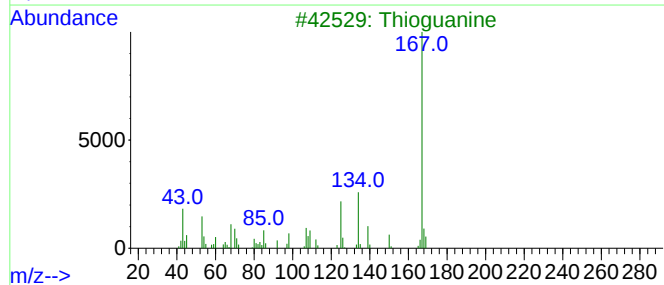
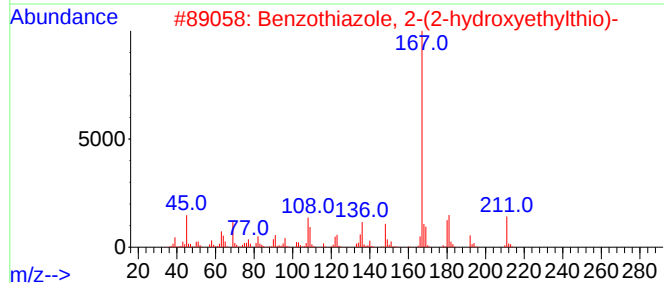
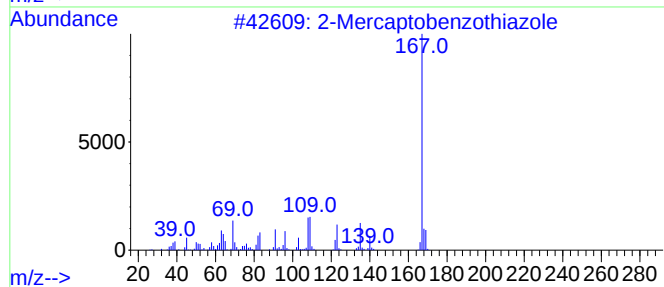
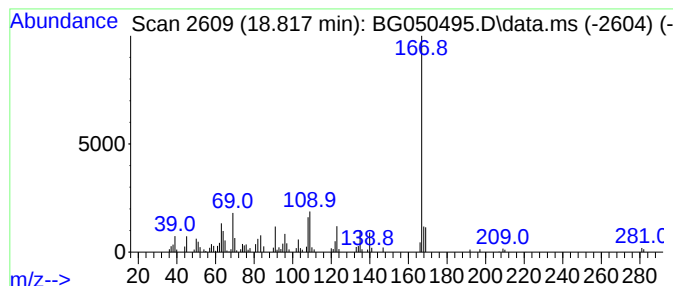
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 2-Mercaptobenzothiazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.817	2.64 ng	110349	Phenanthrene-d10	17.618

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	97
2			Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	64
3			Thioguanine	167	C5H5N5S	000154-42-7	53
4			2-(Difluoromethylthio)-1,3-benzo...	217	C8H5F2NS2	000943-08-8	50
5			1,3-Di(2-benzothiazolyl)-1,3-bis...	418	C17H14N4OS4	064216-20-2	50



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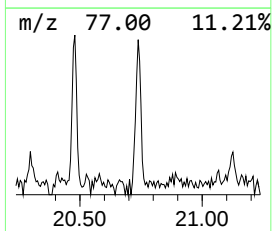
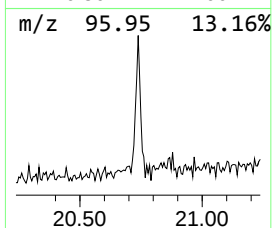
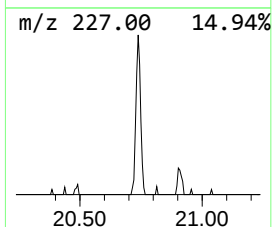
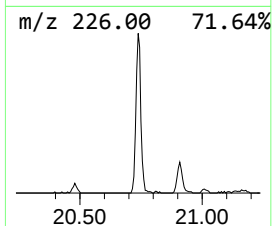
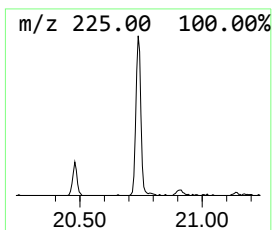
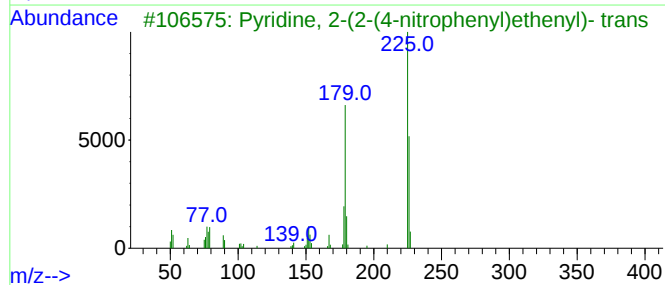
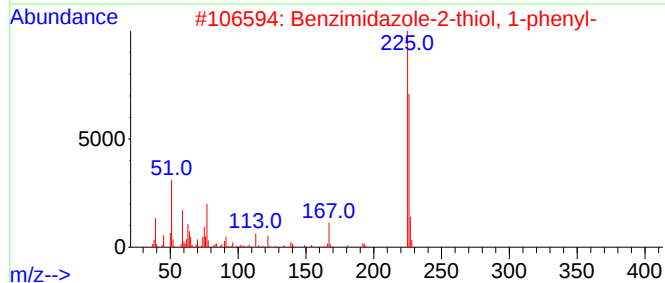
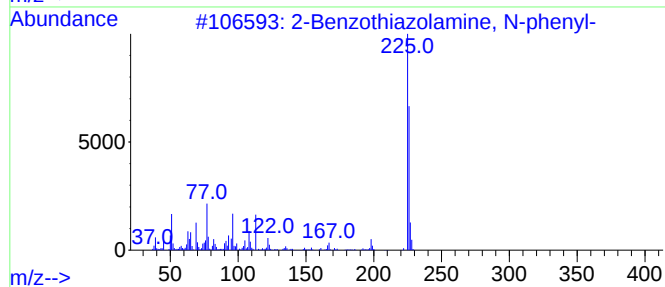
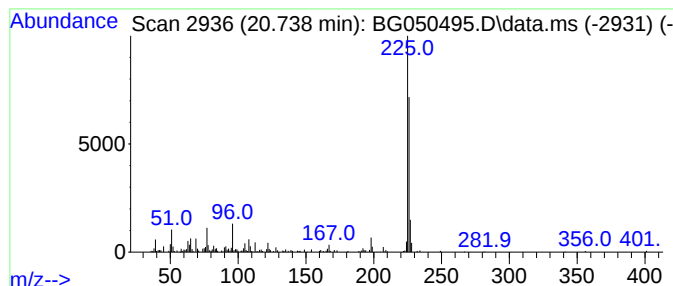
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Peak Number 5 2-Benzothiazolamine, N-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.738	3.42 ng	168956	Chrysene-d12	21.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Benzothiazolamine, N-phenyl-	226	C13H10N2S	001843-21-6	94
2			Benzimidazole-2-thiol, 1-phenyl-	226	C13H10N2S	004493-32-7	81
3			Pyridine, 2-(2-(4-nitrophenyl)et...	226	C13H10N2O2	024470-06-2	64
4			Thiocyanic acid, o-anilinophenyl...	226	C13H10N2S	015973-81-6	50
5			6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-04(NA)

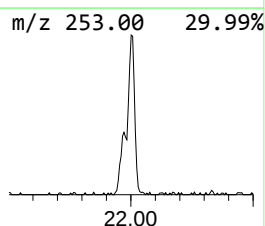
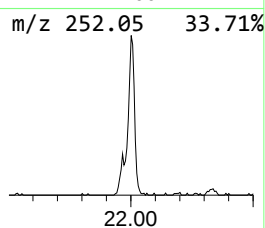
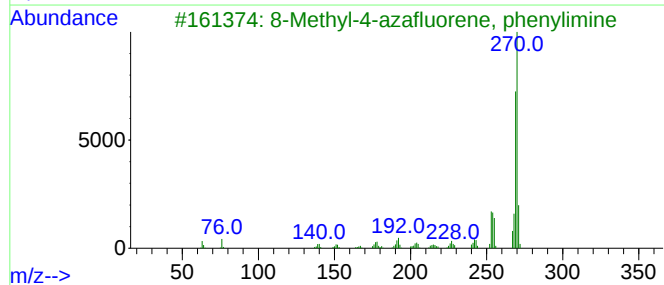
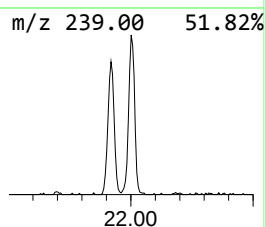
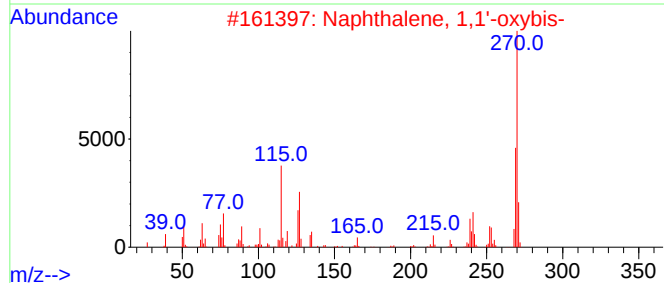
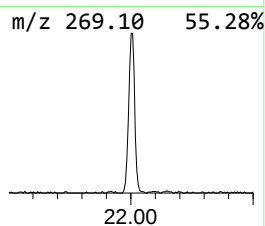
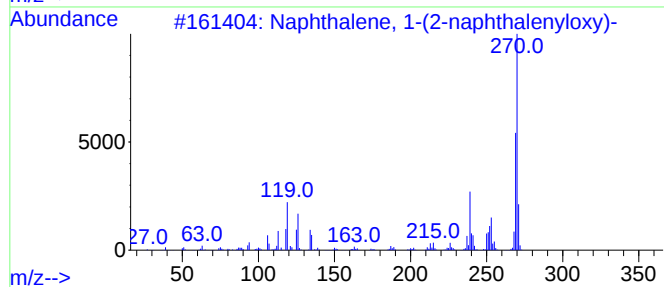
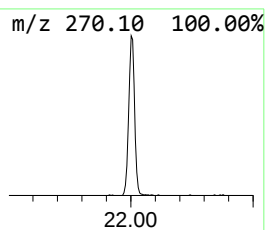
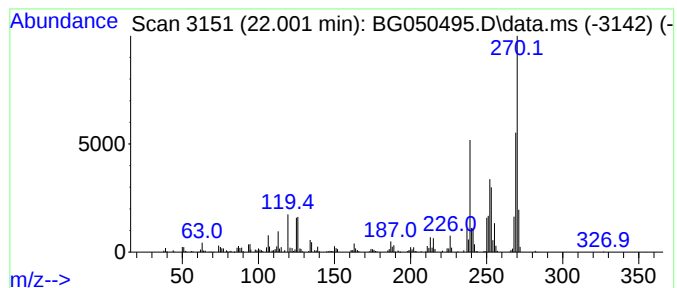
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-(2-naphthale... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.001	11.92 ng	589067	Chrysene-d12	21.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	89
2			Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	58
3			8-Methyl-4-azafluorene, phenylimine	270	C19H14N2	1000216-54-2	53
4			4-Azafluorenone, 3-methylphenyli...	270	C19H14N2	1000301-74-7	53
5			9-Benzylidenexanthene	270	C20H14O	027980-52-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
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Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

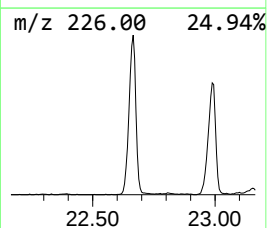
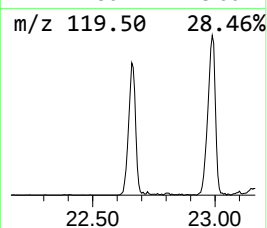
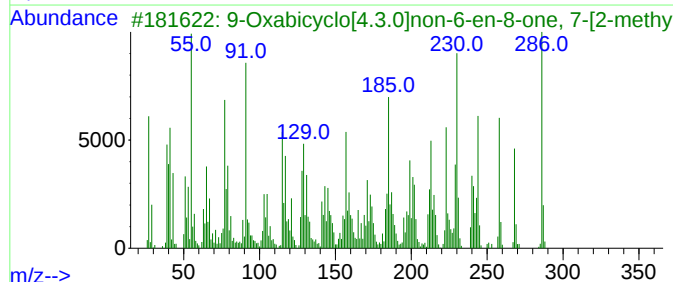
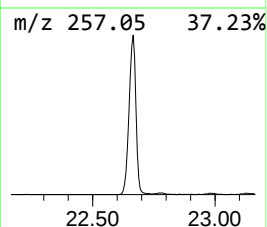
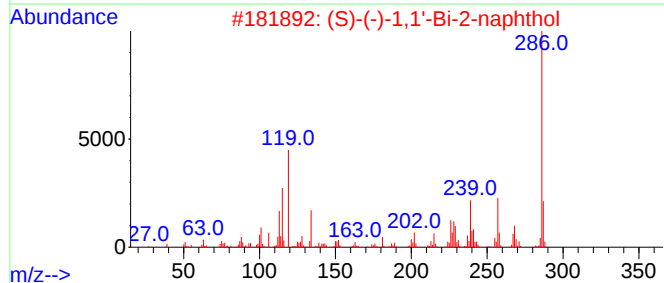
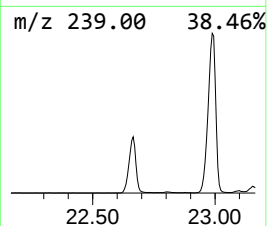
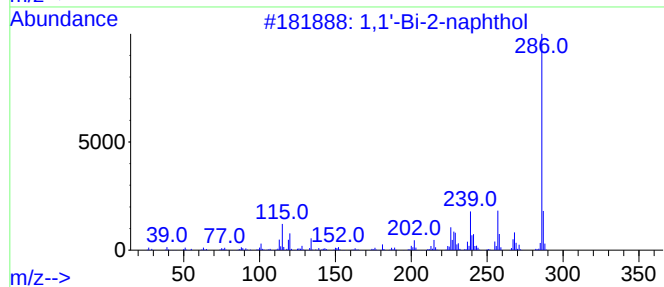
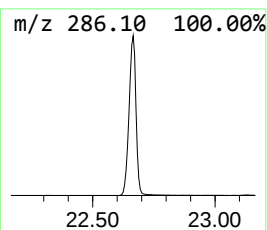
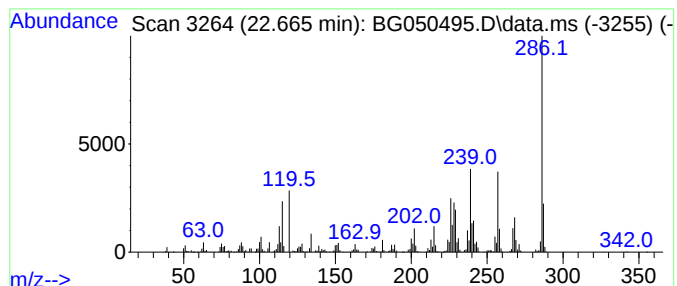
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Bi-2-naphthol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.665	83.08 ng	4105250	Chrysene-d12	21.913	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bi-2-naphthol	286	C20H14O2	000602-09-5	99
2	(S)-(-)-1,1'-Bi-2-naphthol	286	C20H14O2	018531-99-2	95
3	9-Oxabicyclo[4.3.0]non-6-en-8-on...	286	C17H18O4	1000160-28-9	95
4	2-Methyl-2-(2-naphthyl)-1H-inden...	286	C20H14O2	1000332-18-7	47
5	9H-Xanthen-9-one, 1-hydroxy-3,6-...	286	C16H14O5	015222-53-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
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Operator : CG/JU
Sample : M4131-01
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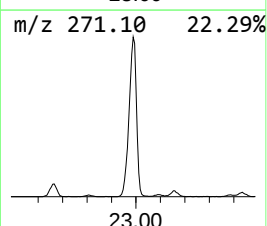
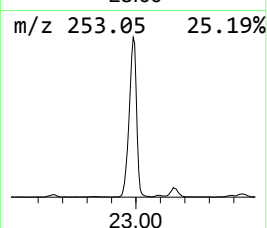
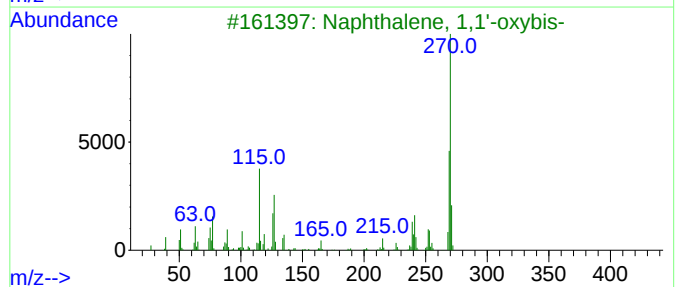
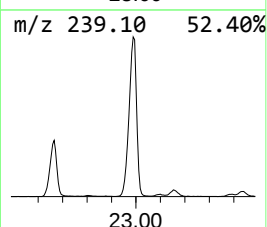
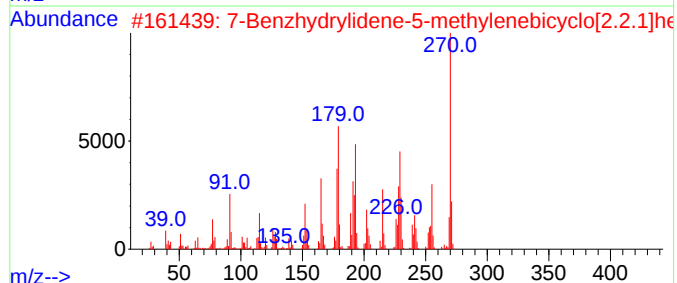
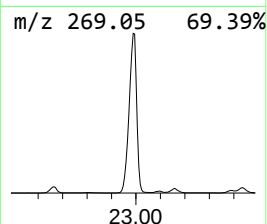
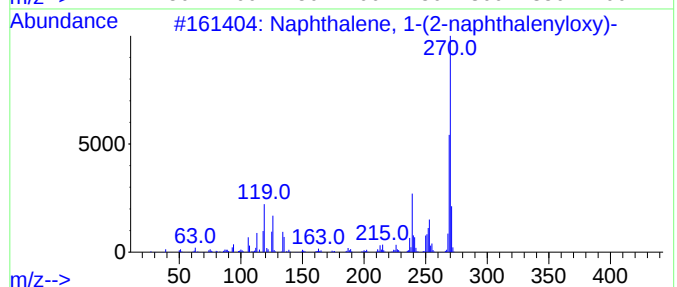
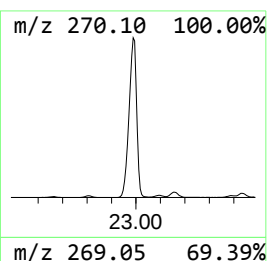
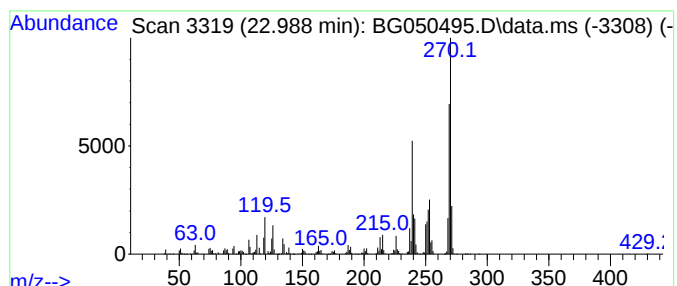
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 7-Benzhydrylidene-5-methyle... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.988	166.99 ng	8251290	Chrysene-d12	21.913	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	96
2	7-Benzhydrylidene-5-methylenebic...	270	C21H18	094371-60-5	83
3	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	72
4	Estra-4,9,11-trien-3-one, 17-.be...	270	C18H22O2	010161-33-8	68
5	2,4-Cycloheptadien-1-one, 2-(die...	269	C18H23NO	133436-07-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
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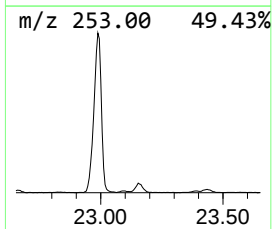
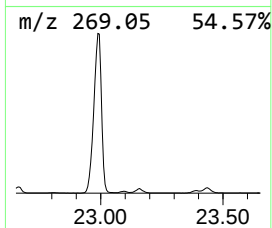
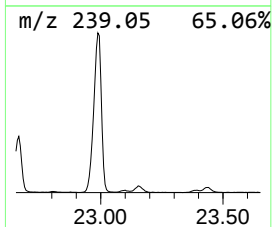
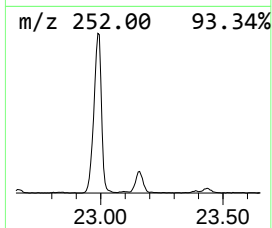
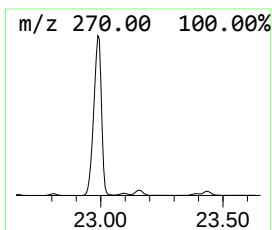
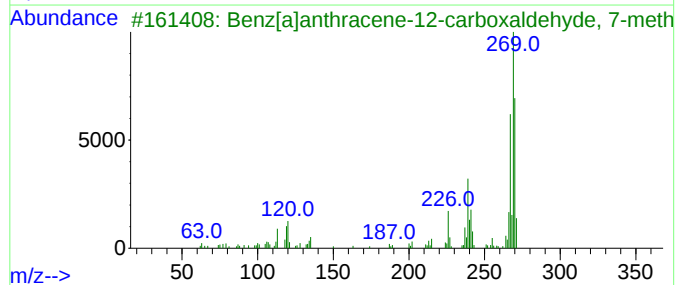
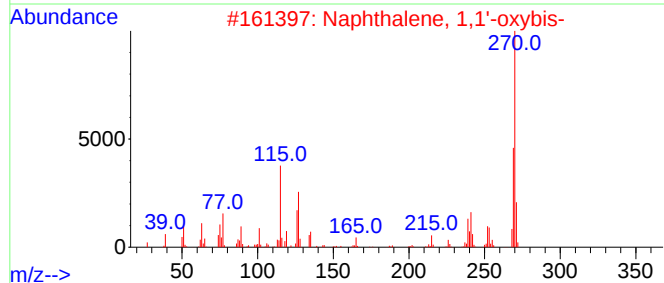
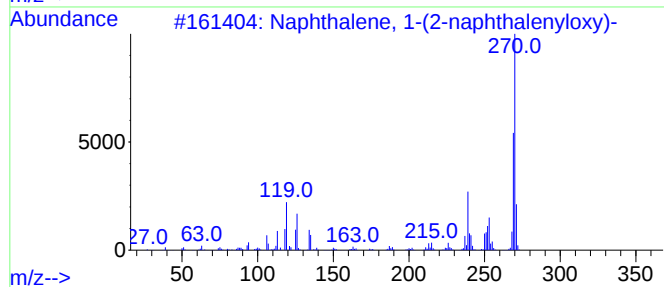
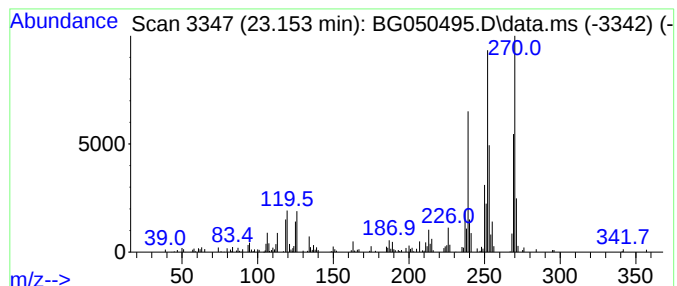
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown23.153 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.153	8.14 ng	402382	Chrysene-d12	21.913

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	60
2		Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	43
3		Benz[a]anthracene-12-carboxaldeh...	270	C20H14O	017513-40-5	38
4		9-Benzylidenexanthene	270	C20H14O	027980-52-5	38
5		4-Azafluorenone, 3-methylphenyli...	270	C19H14N2	1000301-74-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
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Misc :
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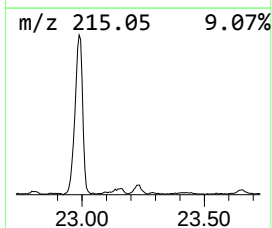
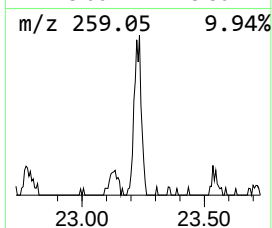
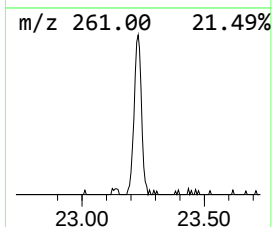
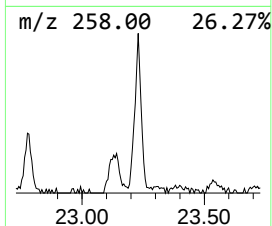
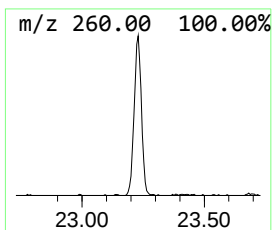
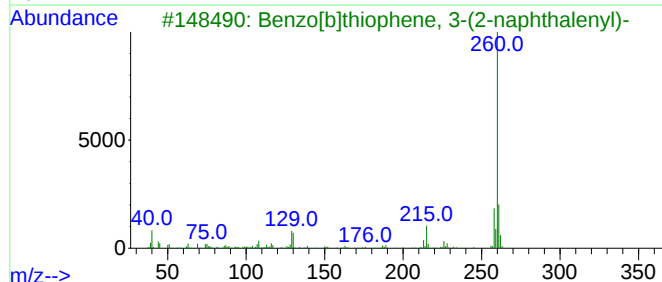
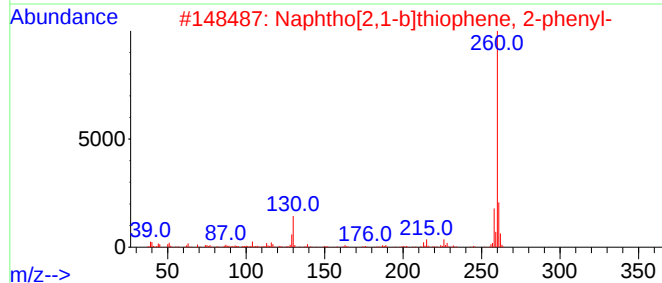
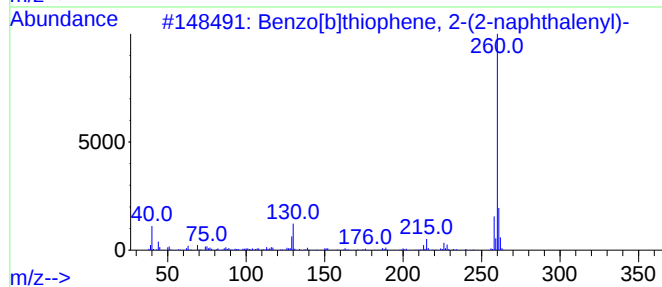
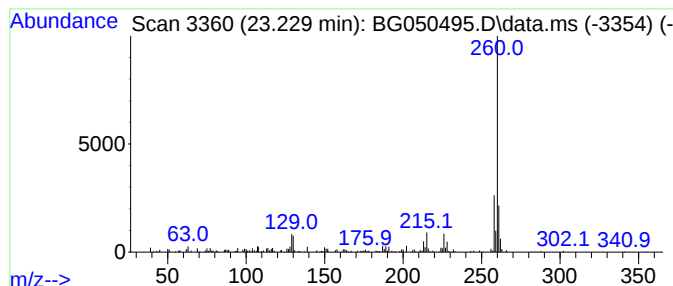
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[b]thiophene, 2-(2-nap... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.229	4.24 ng	209482	Chrysene-d12	21.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2-(2-naphthal...	260	C18H12S	017164-77-1	90
2			Naphtho[2,1-b]thiophene, 2-phenyl-	260	C18H12S	016587-38-5	76
3			Benzo[b]thiophene, 3-(2-naphthal...	260	C18H12S	055712-60-2	76
4			4-Phenyldibenzothiophene	260	C18H12S	1000314-39-7	76
5			propanedinitrile, 2-(9H-thioxant...	260	C16H8N2S	1000401-54-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
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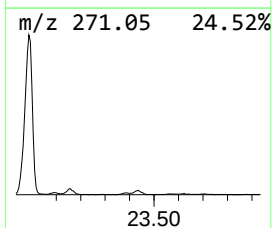
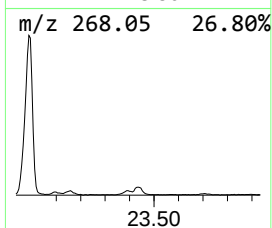
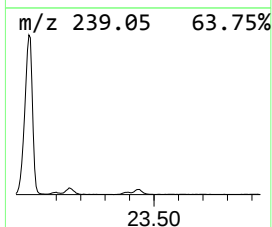
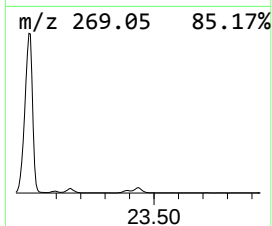
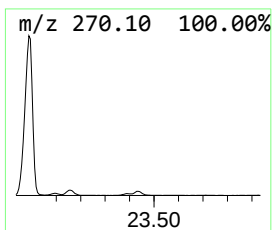
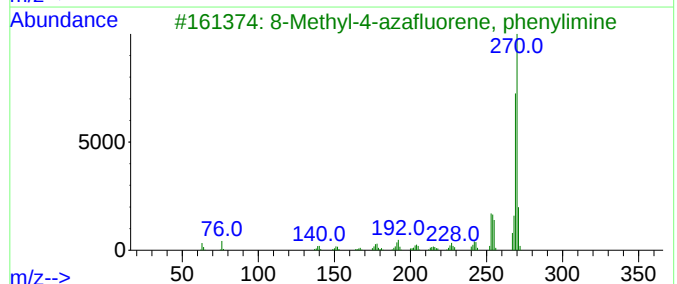
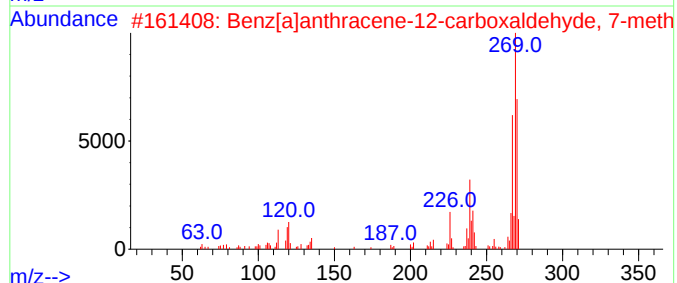
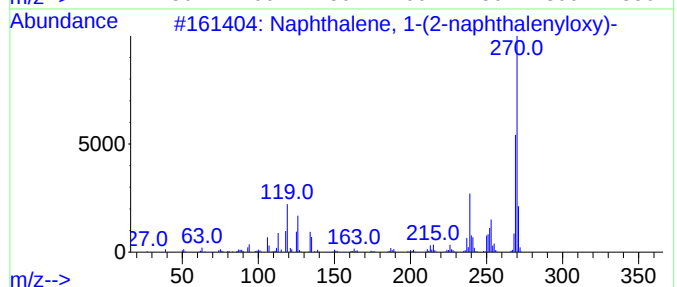
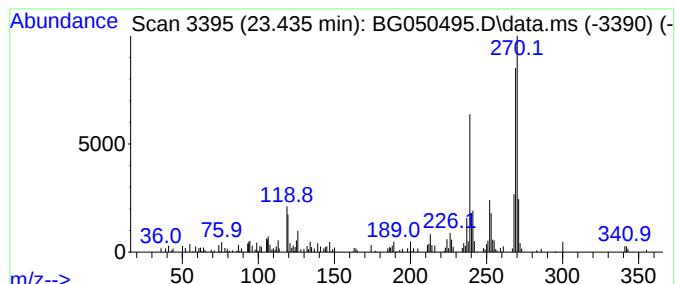
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown23.435 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.435	5.45 ng	269417	Chrysene-d12	21.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	87
2			Benz[a]anthracene-12-carboxaldeh...	270	C20H14O	017513-40-5	49
3			8-Methyl-4-azafluorene, phenylimine	270	C19H14N2	1000216-54-2	46
4			Benz(a)anthracene, 12-ethyl-7-me...	270	C21H18	016354-55-5	43
5			7-Acetoxy-9,10-dihydrobenzo[a]py...	312	C22H16O2	084438-28-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
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ClientSampleId :
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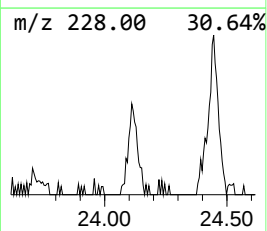
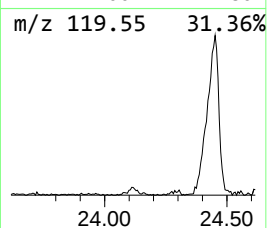
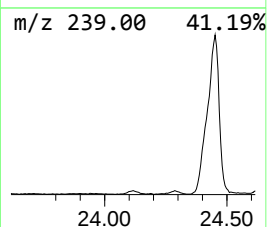
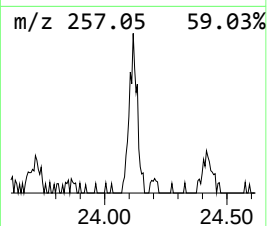
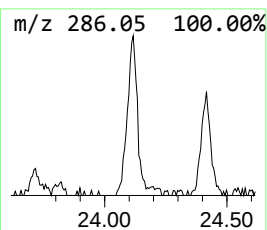
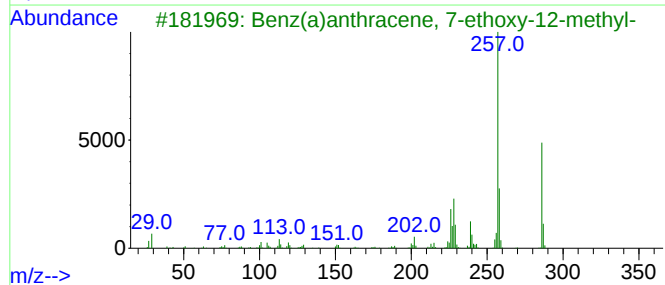
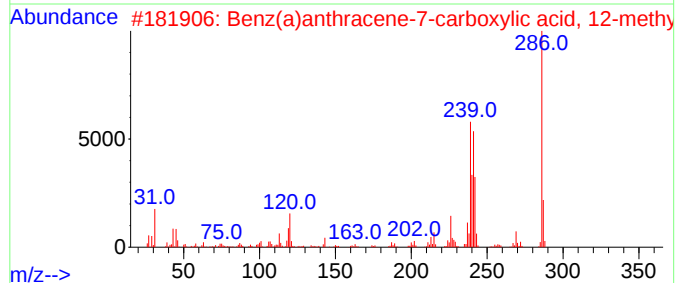
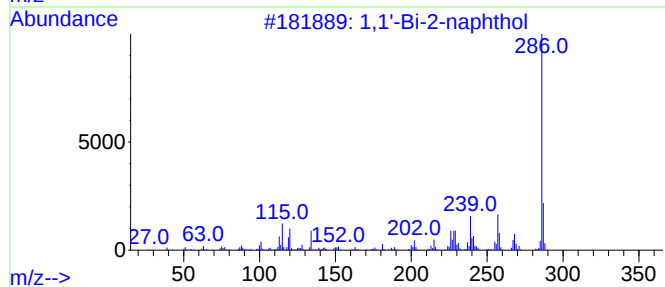
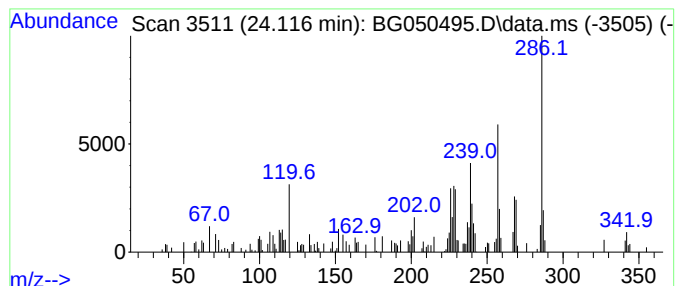
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown24.116 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.116	3.00 ng	128338	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bi-2-naphthol		286	C20H14O2	000602-09-5	89	
2	Benz(a)anthracene-7-carboxylic a...		286	C20H14O2	018787-75-2	47	
3	Benz(a)anthracene, 7-ethoxy-12-m...		286	C21H18O	016354-48-6	46	
4	5-(Acridin-9-yl)-2-aminophenol		286	C19H14N2O	1000326-85-0	43	
5	12-Ethyl-7-hydroxymethylbenz[a]a...		286	C21H18O	016269-73-1	43	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

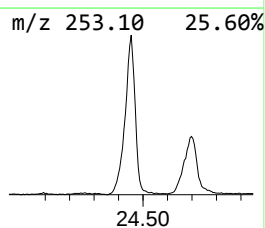
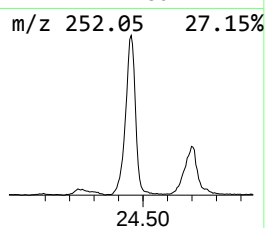
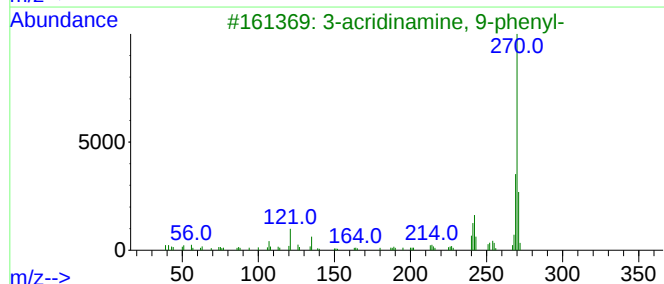
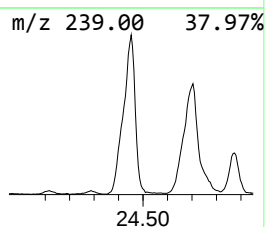
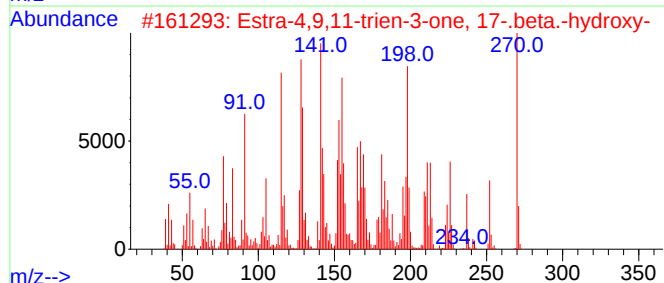
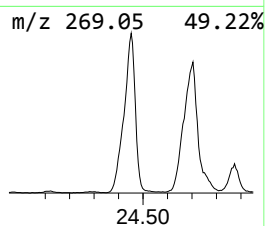
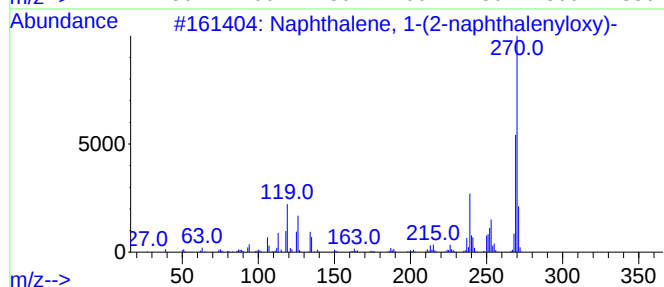
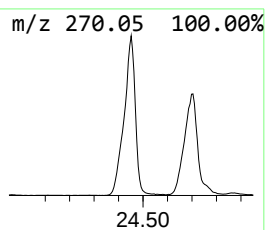
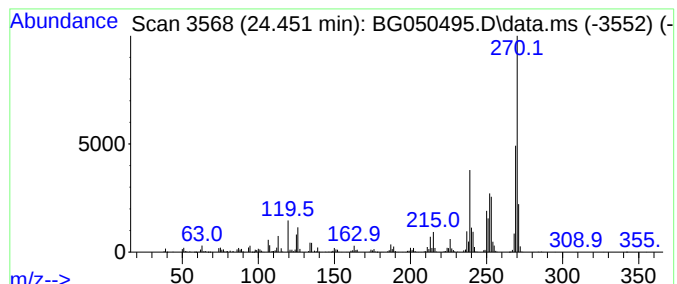
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Estra-4,9,11-trien-3-one, 1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.451	108.85 ng	4650930	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	93
2			Estra-4,9,11-trien-3-one, 17-.be...	270	C18H22O2	010161-33-8	80
3			3-acridinamine, 9-phenyl-	270	C19H14N2	1000396-99-0	50
4			2,2'-Dinaphthyl ether	270	C20H14O	000613-80-9	50
5			9-(4-Aminophenyl)acridine	270	C19H14N2	1000298-83-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

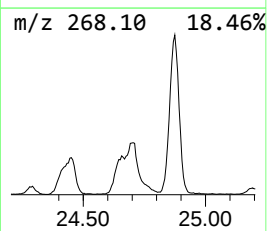
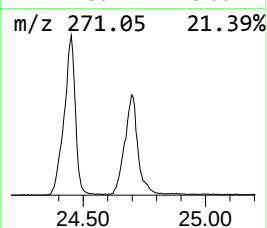
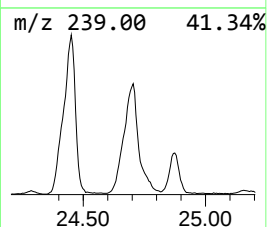
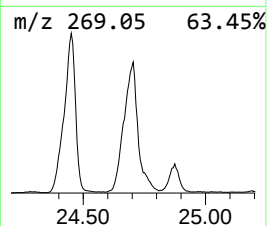
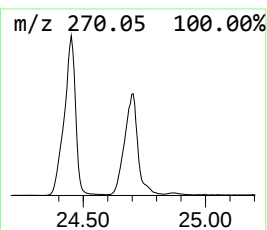
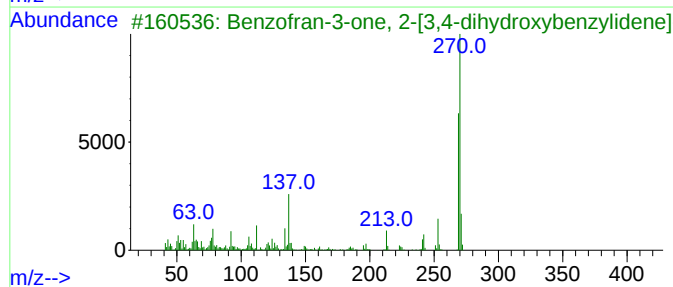
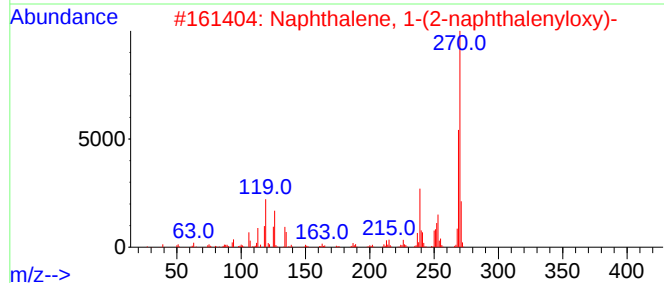
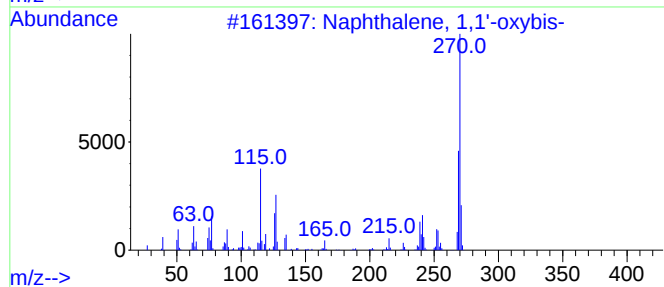
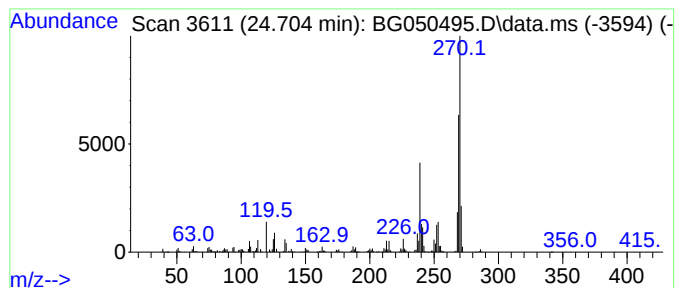
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.704	89.21 ng	3811680	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	87
2			Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	86
3			Benzofran-3-one, 2-[3,4-dihydrox...	270	C15H10O5	1000128-63-2	58
4			9-Benzylidenexanthene	270	C20H14O	027980-52-5	52
5			4-Azafluorenone, 3-methylphenyli...	270	C19H14N2	1000301-74-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

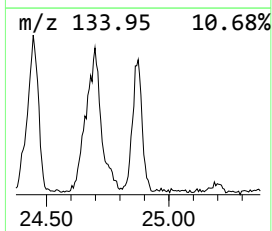
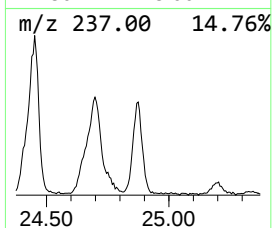
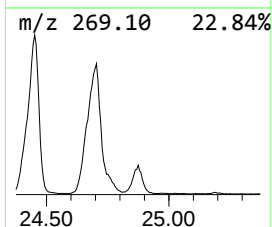
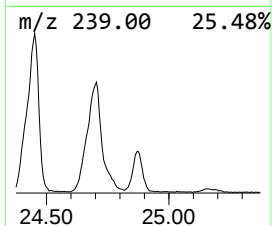
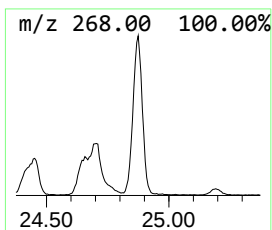
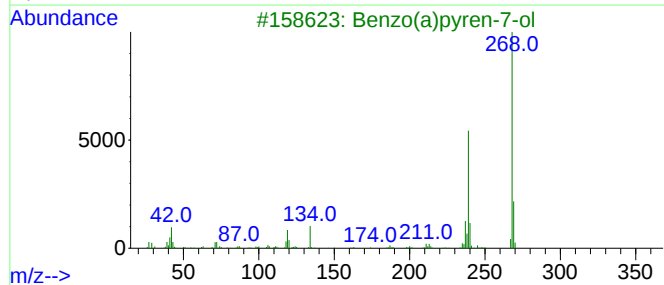
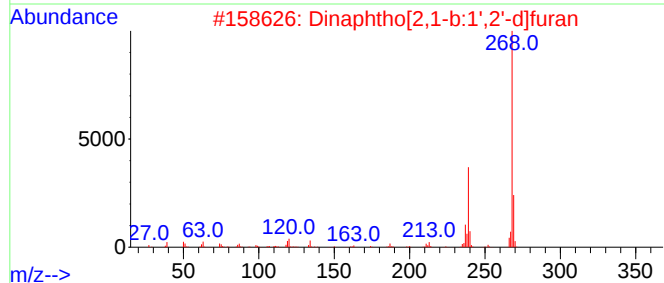
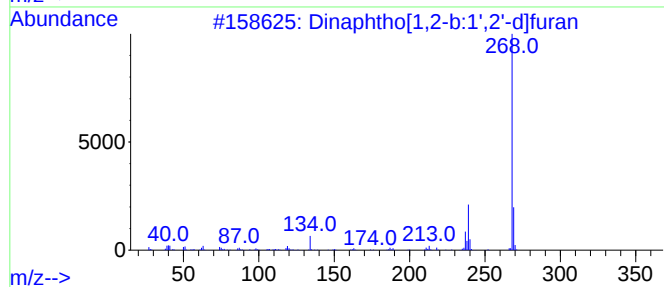
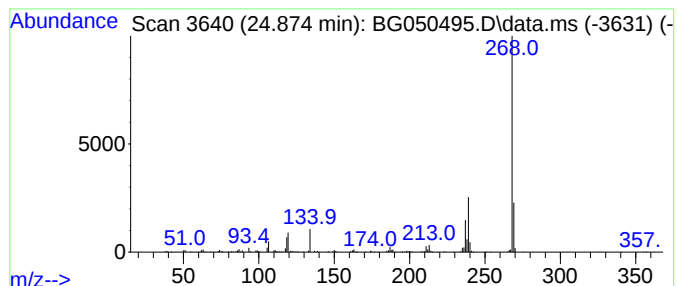
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.874	17.26 ng	737710	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	87
3			Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	81
4			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
5			9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

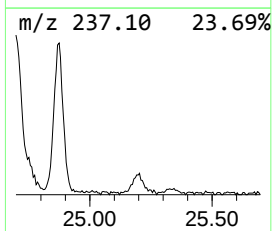
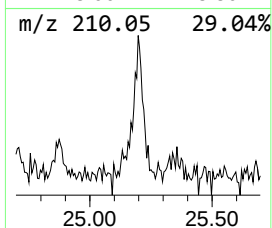
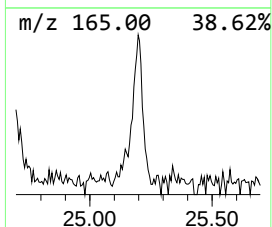
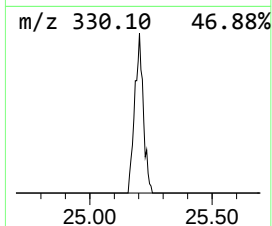
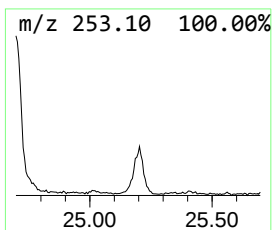
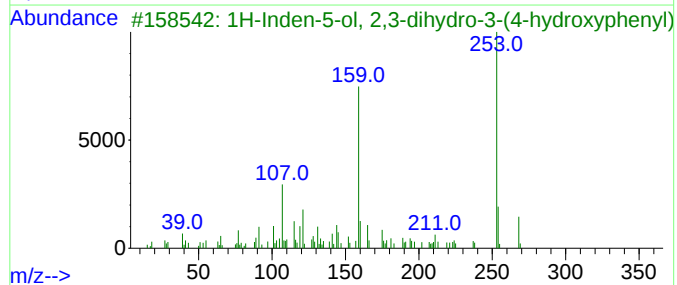
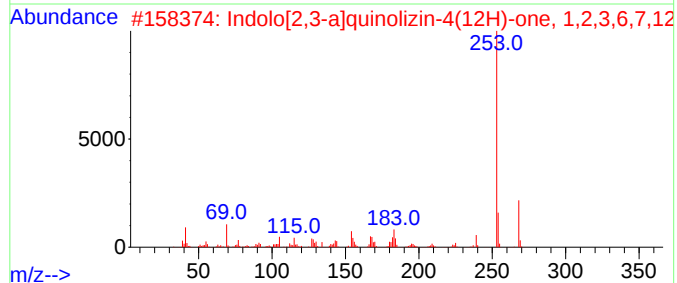
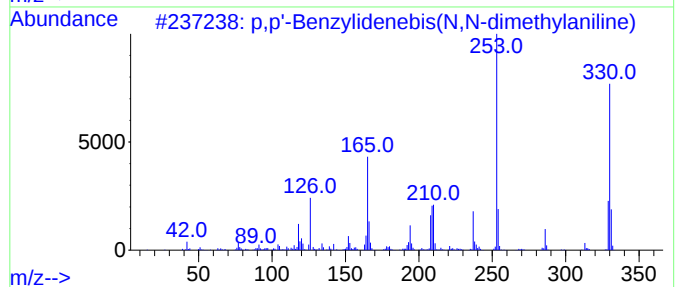
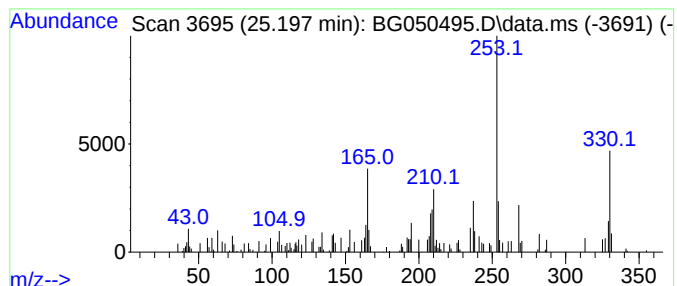
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 p,p'-Benzylidenebis(N,N-dim... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.197	3.17 ng	135259	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p,p'-Benzylidenebis(N,N-dimethyl...	330	C23H26N2	000129-73-7	91
2			Indolo[2,3-a]quinolizin-4(12H)-o...	268	C17H20N2O	020156-09-6	38
3			1H-Inden-5-ol, 2,3-dihydro-3-(4-...	268	C18H20O2	010527-11-4	38
4			1-(6-(Dimethylamino)-2,3-dihydro...	253	C17H19NO	1390263-99-6	38
5			5-Methyl-2-(N-ethyl-p-chlorophen...	254	C12H15ClN2S	075220-53-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

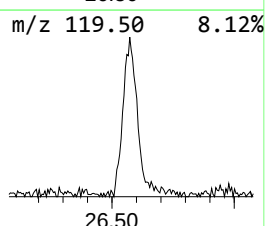
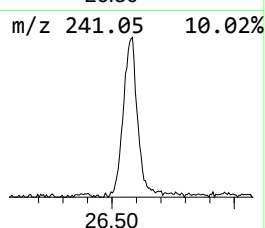
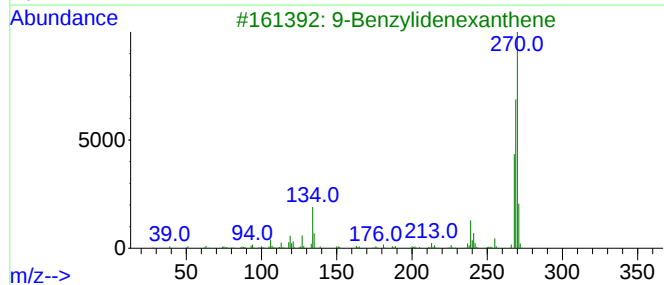
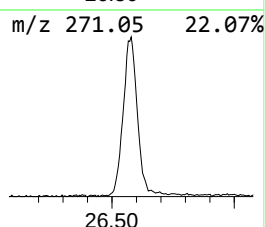
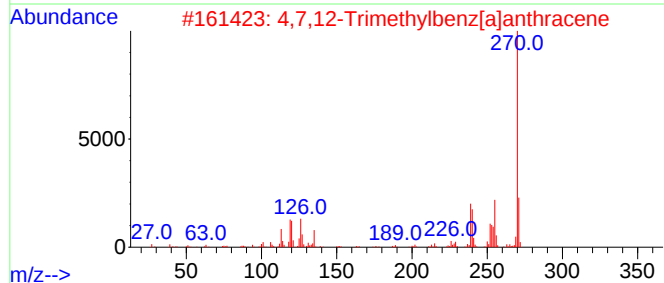
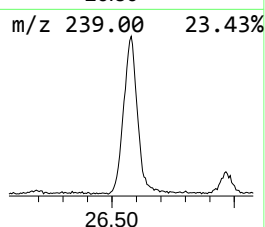
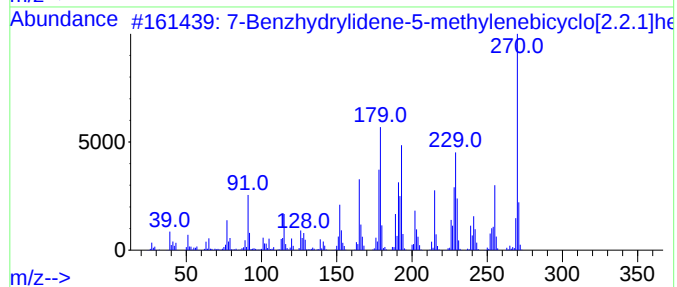
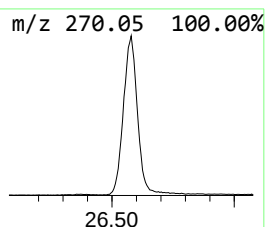
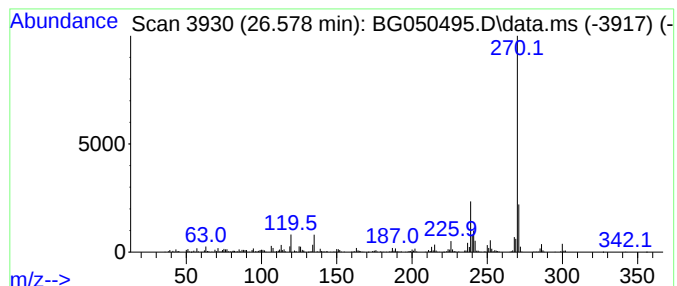
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4,7,12-Trimethylbenz[a]anth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.578	44.79 ng	1913840	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Benzhydrylidene-5-methylenebic...	270	C21H18	094371-60-5	90
2			4,7,12-Trimethylbenz[a]anthracene	270	C21H18	035187-24-7	81
3			9-Benzylidenexanthene	270	C20H14O	027980-52-5	81
4			Benz(a)anthracene, 2,7,12-trimet...	270	C21H18	035215-31-7	74
5			2,2'-Dinaphthyl ether	270	C20H14O	000613-80-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
SS-04(NA)

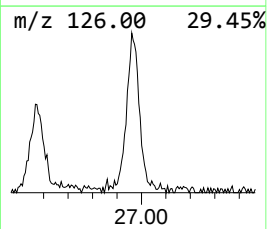
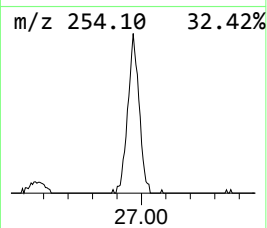
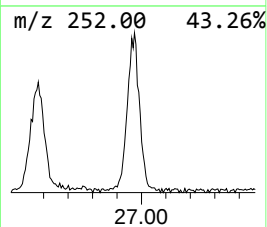
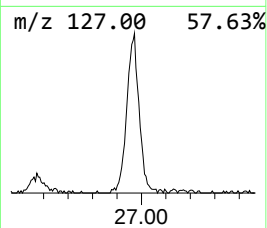
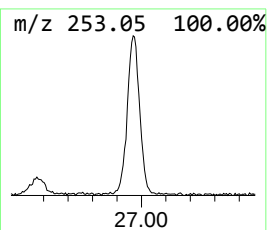
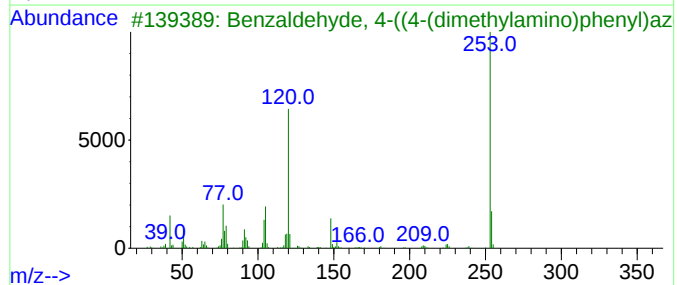
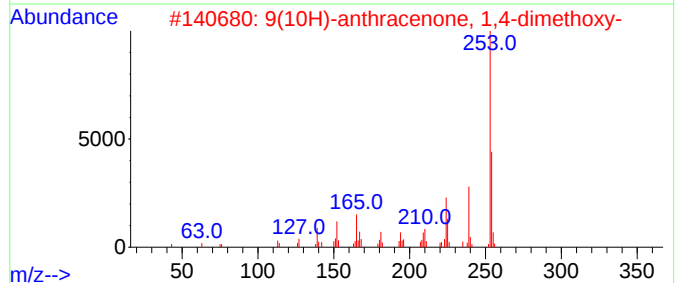
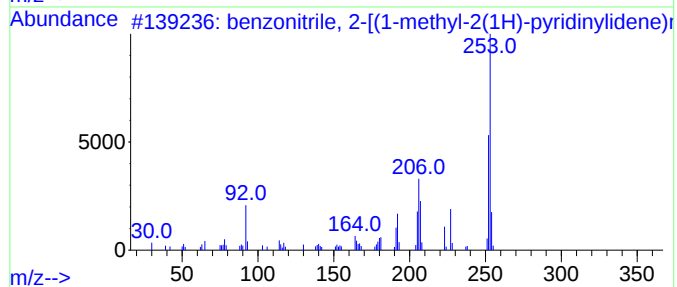
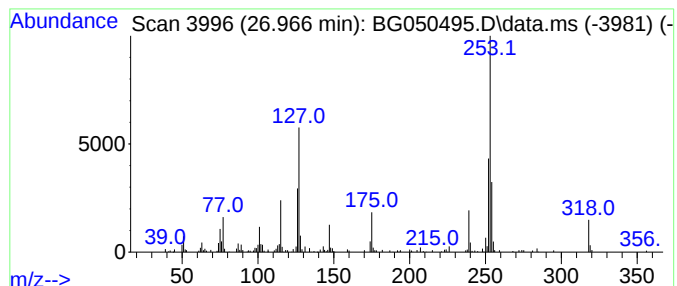
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown26.966 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.966	12.63 ng	539854	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			benzonitrile, 2-[(1-methyl-2(1H)...	253	C14H11N3O2	1000396-68-1	23
2			9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	14
3			Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	10
4			1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	10
5			10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

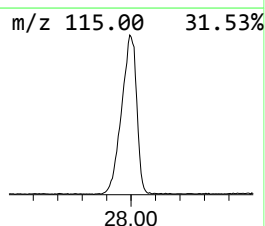
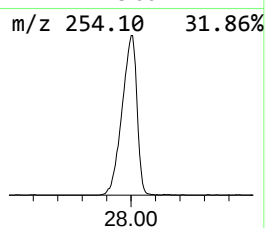
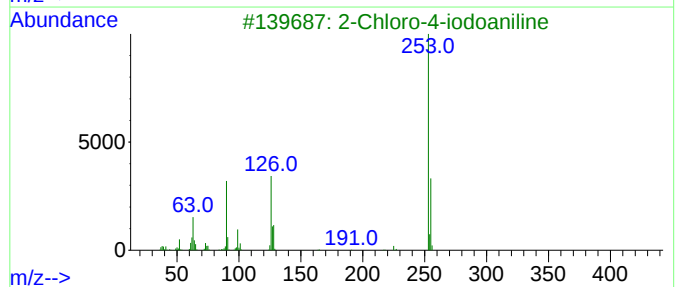
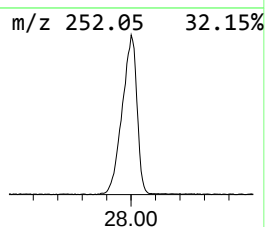
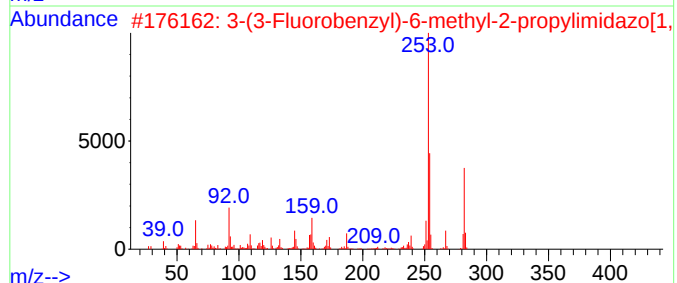
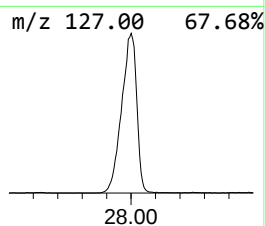
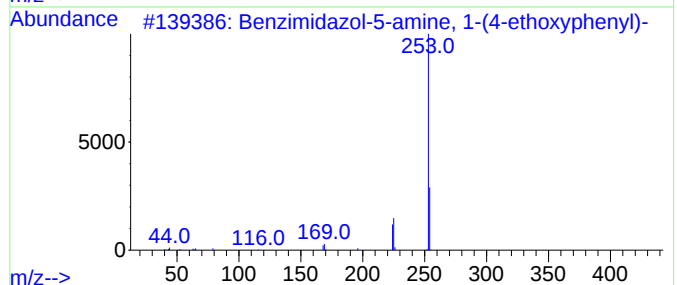
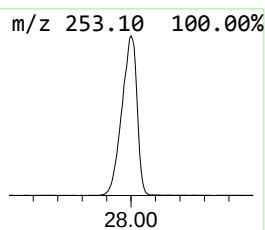
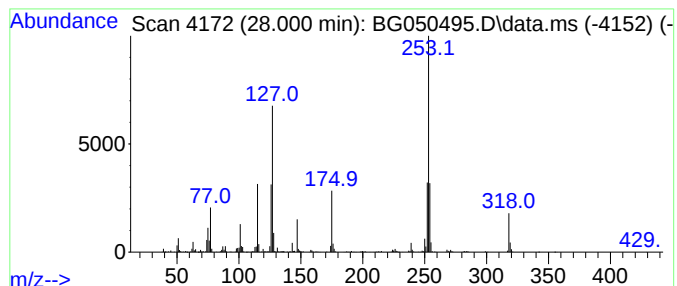
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown28.000 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.000	113.63 ng	4855470	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	27
2			3-(3-Fluorobenzyl)-6-methyl-2-pr...	282	C18H19FN2	1000457-96-1	25
3			2-Chloro-4-iodoaniline	253	C6H5ClIN	042016-93-3	25
4			Binaphthyl sulfone	318	C20H14O2S	032390-26-4	22
5			6-(2-Formylhydrazino)-N,N'-bis(i...	253	C10H19N7O	084305-82-8	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050495.D
Acq On : 7 Oct 2021 23:13
Operator : CG/JU
Sample : M4131-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-04(NA)

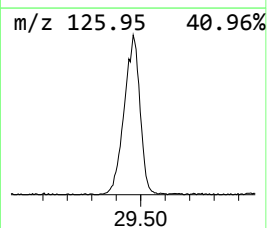
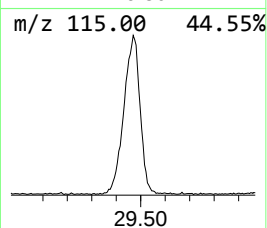
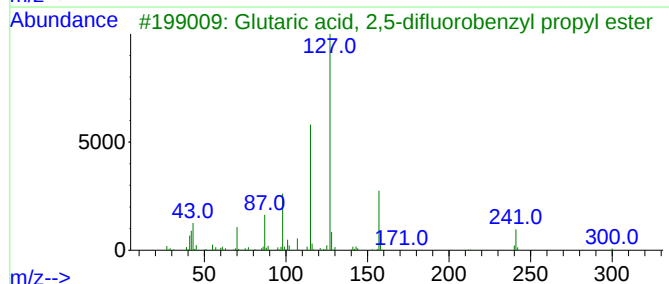
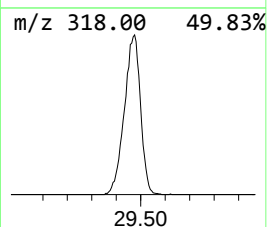
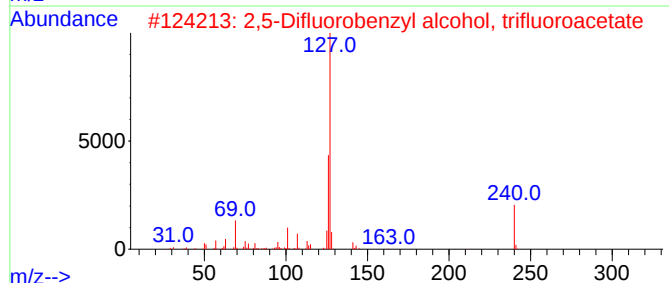
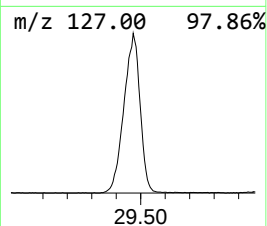
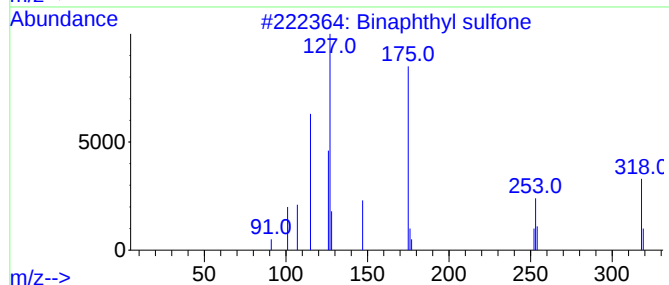
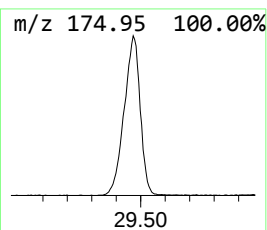
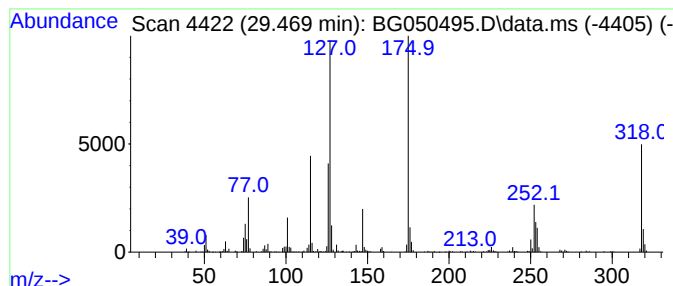
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown29.469 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.469	58.11 ng	2482860	Perylene-d12	25.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Binaphthyl sulfone	318	C20H14O2S	032390-26-4	47
2			2,5-Difluorobenzyl alcohol, trif...	240	C9H5F5O2	1000364-23-9	22
3			Glutaric acid, 2,5-difluorobenzyl...	300	C15H18F2O4	1000376-94-3	22
4			Glutaric acid, 3,4-difluorobenzyl...	300	C15H18F2O4	1000377-63-3	22
5			Glutaric acid, di(3,4-difluorobe...	384	C19H16F4O4	1000377-64-4	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050495.D
 Acq On : 7 Oct 2021 23:13
 Operator : CG/JU
 Sample : M4131-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-04(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.826	18.2	ng	462910	2	11.085	507602	20.0
2-Naphthalenol	15.145	3.5	ng	122218	3	14.874	696611	20.0
n-Hexadecanoic ...	18.470	2.3	ng	97813	4	17.618	836782	20.0
2-Mercaptobenzo...	18.817	2.6	ng	110349	4	17.618	836782	20.0
2-Benzothiazola...	20.738	3.4	ng	168956	5	21.913	988218	20.0
Naphthalene, 1-...	22.001	11.9	ng	589067	5	21.913	988218	20.0
1,1'-Bi-2-naphthol	22.665	83.1	ng	4105250	5	21.913	988218	20.0
7-Benzhydrylide...	22.988	167.0	ng	8251290	5	21.913	988218	20.0
unknown23.153	23.153	8.1	ng	402382	5	21.913	988218	20.0
Benzo[b]thiophe...	23.229	4.2	ng	209482	5	21.913	988218	20.0
unknown23.435	23.435	5.5	ng	269417	5	21.913	988218	20.0
unknown24.116	24.116	3.0	ng	128338	6	25.333	854578	20.0
Estra-4,9,11-tr...	24.451	108.8	ng	4650930	6	25.333	854578	20.0
Naphthalene, 1,...	24.704	89.2	ng	3811680	6	25.333	854578	20.0
Dinaphtho[1,2-b...	24.874	17.3	ng	737710	6	25.333	854578	20.0
p,p'-Benzyliden...	25.197	3.2	ng	135259	6	25.333	854578	20.0
4,7,12-Trimethy...	26.578	44.8	ng	1913840	6	25.333	854578	20.0
unknown26.966	26.966	12.6	ng	539854	6	25.333	854578	20.0
unknown28.000	28.000	113.6	ng	4855470	6	25.333	854578	20.0
unknown29.469	29.469	58.1	ng	2482860	6	25.333	854578	20.0