

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015535.D
 Acq On : 13 Jul 2021 19:04
 Operator : CG/JU
 Sample : M2808-18DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD7DL

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 : 0.2 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BN015535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.808	1113	1122	1173	rBV	5998	9542	3.78%	0.686%
2	8.511	1279	1289	1391	rVB	7075	13076	5.17%	0.941%
3	10.595	1743	1751	1757	rBV	7667	12925	5.11%	0.930%
4	13.854	2347	2359	2411	rBV	24514	36080	14.28%	2.595%
5	14.131	2411	2419	2477	rBV	22942	40758	16.13%	2.932%
6	14.441	2477	2486	2495	rBV	9549	14096	5.58%	1.014%
7	17.191	3095	3105	3110	rBV	9200	13520	5.35%	0.973%
8	17.233	3110	3115	3122	rVV	18751	26125	10.34%	1.879%
9	17.288	3122	3128	3134	rVV	27455	42529	16.83%	3.059%
10	17.322	3134	3136	3147	rVB	10996	13795	5.46%	0.992%
11	19.252	3565	3577	3589	rBV	160093	209593	82.94%	15.076%
12	19.406	3604	3610	3628	rBV	14087	20556	8.13%	1.479%
13	19.615	3642	3655	3681	rVB2	137099	252710	100.00%	18.178%
14	21.071	4032	4040	4047	rBV	8477	10572	4.18%	0.760%
15	21.112	4047	4054	4086	rVB2	7760	15087	5.97%	1.085%
16	21.372	4125	4143	4153	rBV2	85631	128762	50.95%	9.262%
17	21.421	4153	4160	4193	rVB	65599	88403	34.98%	6.359%
18	21.544	4193	4202	4285	rVB2	7373	14724	5.83%	1.059%
19	23.029	4695	4710	4759	rBV2	37510	128187	50.72%	9.221%
20	23.210	4759	4772	4869	rVV	8780	22035	8.72%	1.585%
21	23.534	4870	4883	4892	rVV2	16107	32038	12.68%	2.305%
22	23.587	4892	4901	4909	rVV	25182	48497	19.19%	3.488%
23	23.634	4909	4917	4941	rVV	32495	64867	25.67%	4.666%
24	23.742	4941	4954	4963	rVV	6587	13804	5.46%	0.993%
25	23.792	4963	4971	5261	rVB3	5551	25322	10.02%	1.821%
26	25.847	5622	5637	5670	rBV5	3122	14629	5.79%	1.052%
27	26.162	5713	5731	5756	rVB2	16671	51656	20.44%	3.716%
28	26.451	5800	5817	5833	rBV2	4242	12698	5.02%	0.913%
29	26.551	5833	5847	5938	rVB3	3764	13641	5.40%	0.981%

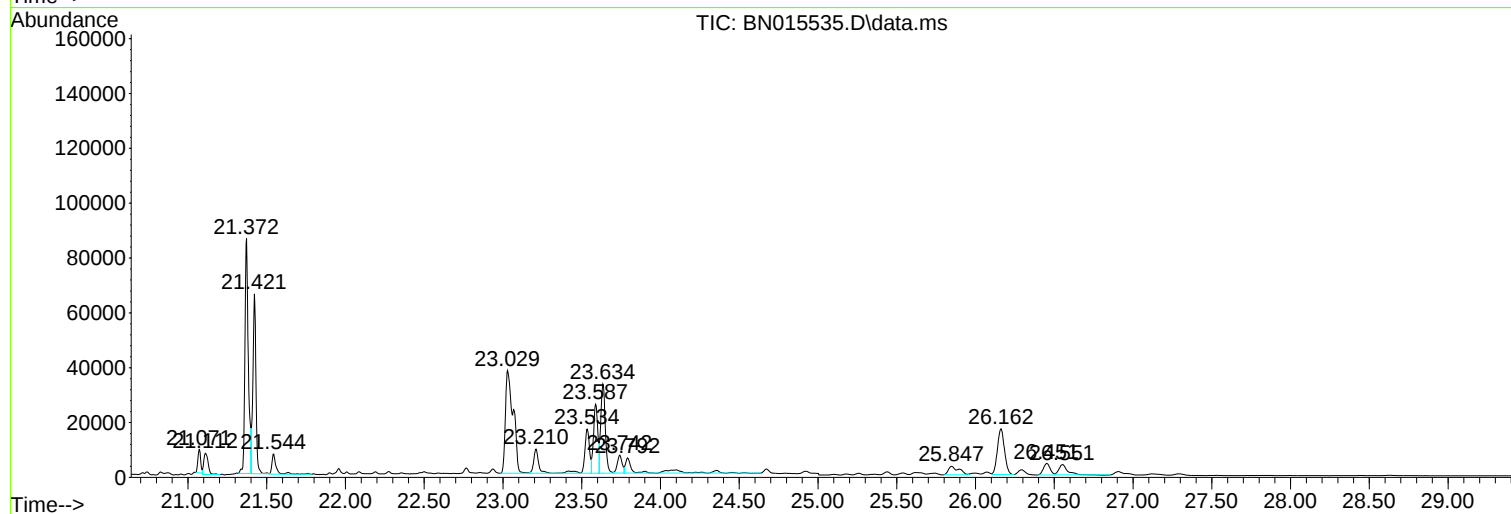
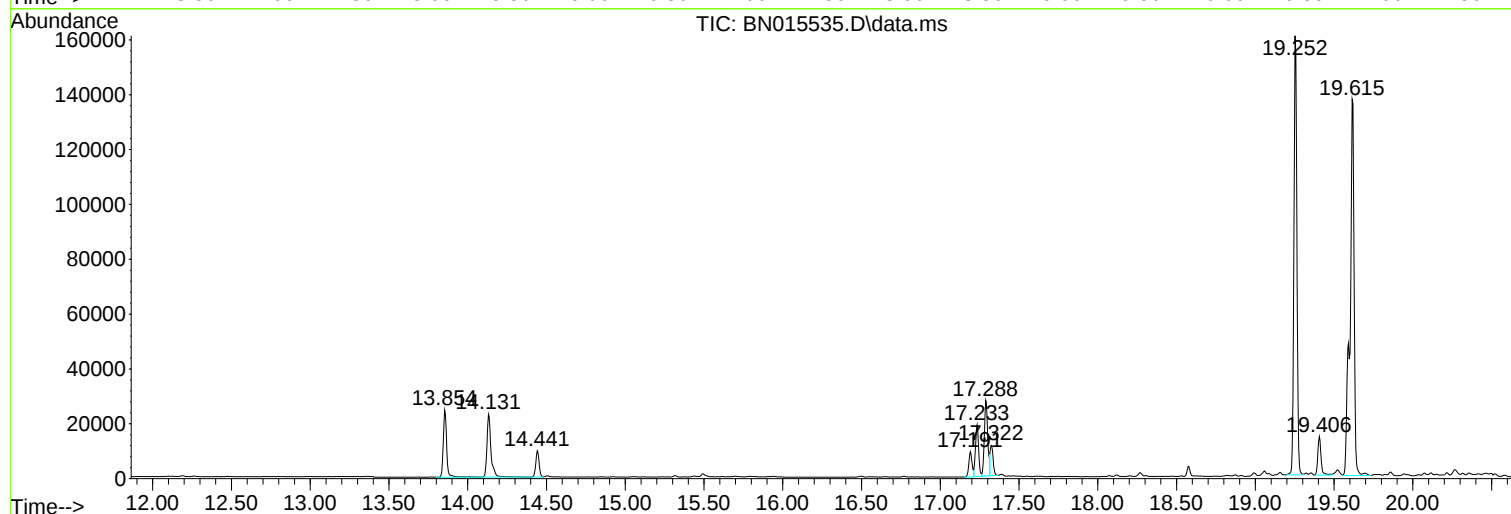
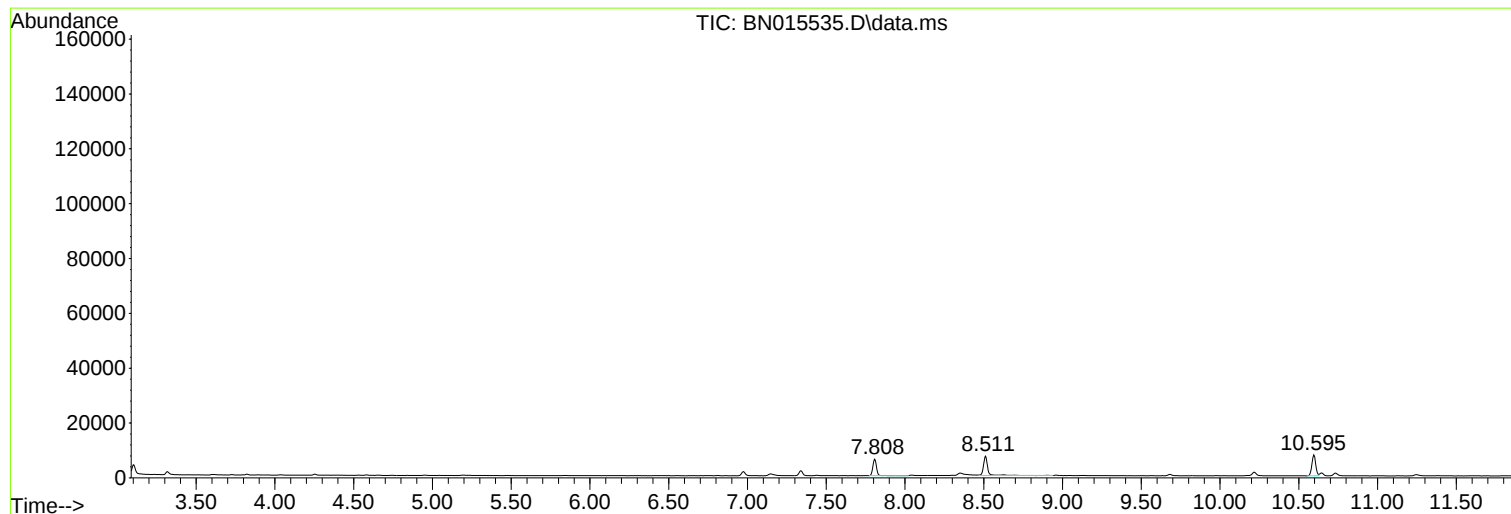
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P



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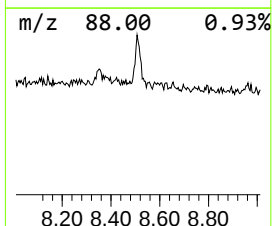
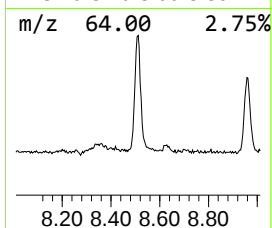
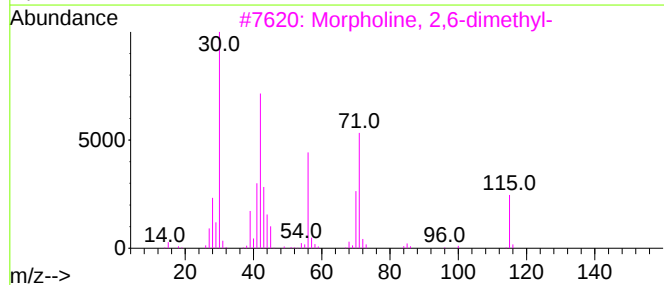
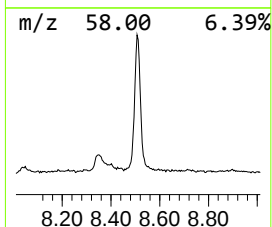
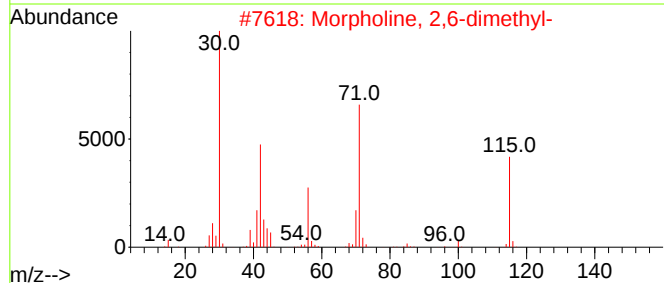
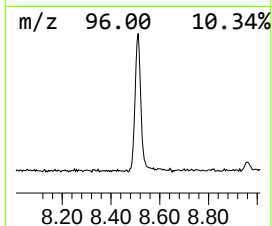
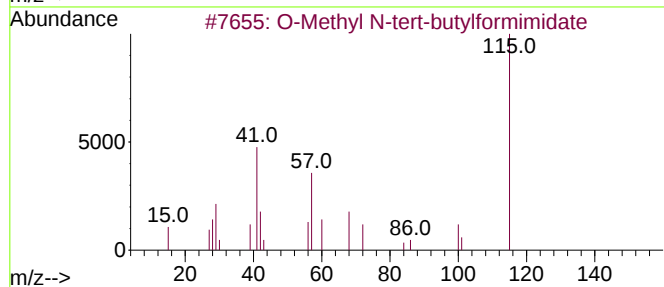
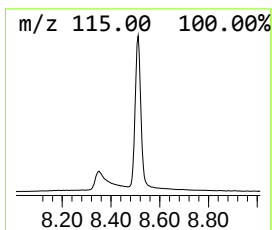
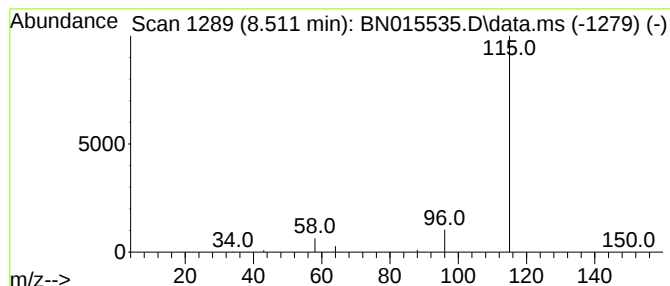
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 1 O-Methyl N-tert-butylformim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.511	0.55 ng/ul	13076	1,4-Dichlorobenzene-d4	7.808

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			O-Methyl N-tert-butylformimidate	115	C6H13NO	049680-36-6	2
2			Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	2
3			Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	1
4			Acetamide, N-(2-methylpropyl)-	115	C6H13NO	001540-94-9	1
5			Acetamide, N-butyl-	115	C6H13NO	001119-49-9	1



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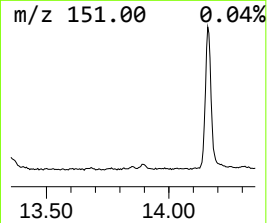
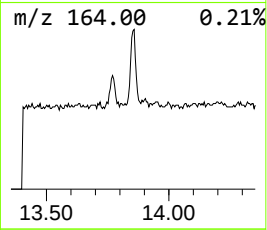
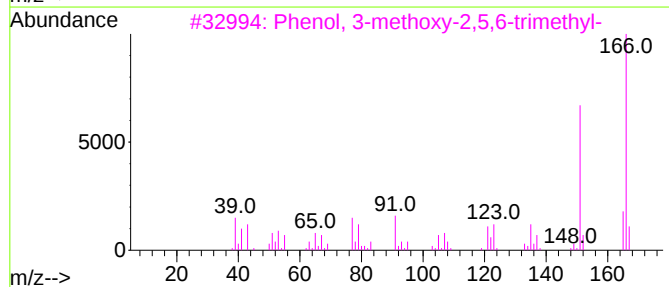
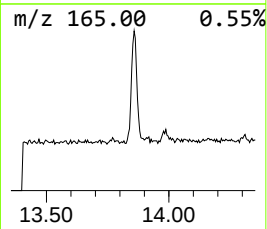
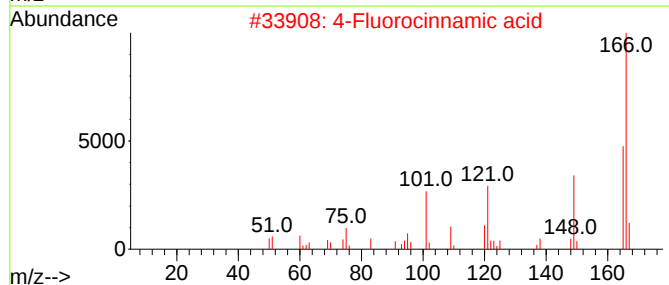
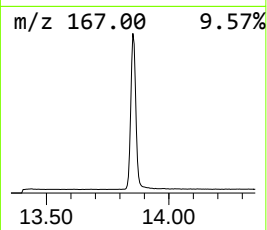
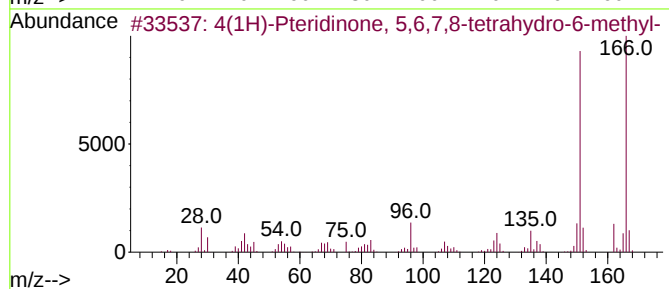
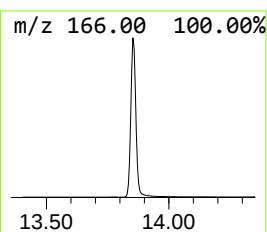
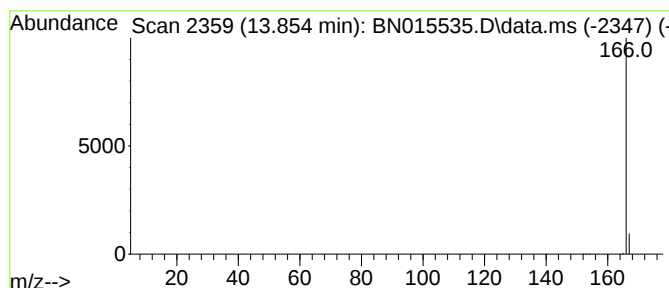
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 2 4(1H)-Pteridinone, 5,6,7,8-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.854	1.02 ng/ul	36080	Acenaphthene-d10	14.441	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pteridinone, 5,6,7,8-tetra...	166	C7H10N4O	089897-32-5	4
2	4-Fluorocinnamic acid	166	C9H7FO2	000459-32-5	4
3	Phenol, 3-methoxy-2,5,6-trimethyl-	166	C10H14O2	034883-03-9	4
4	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	4
5	Carbamic acid, (4-aminophenyl)-,...	166	C8H10N2O2	006465-03-8	4



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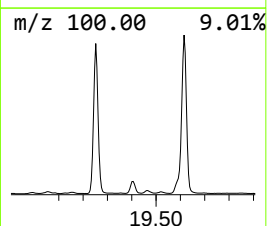
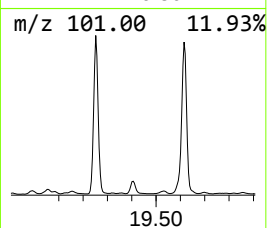
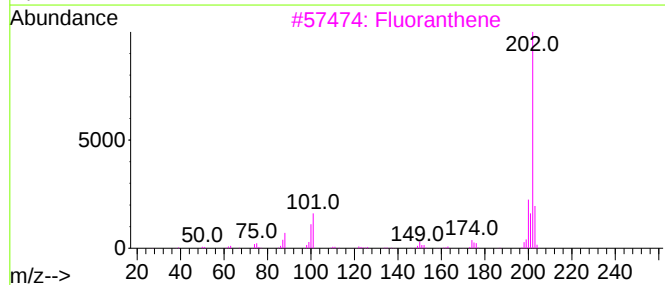
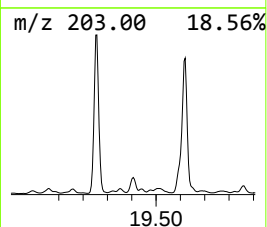
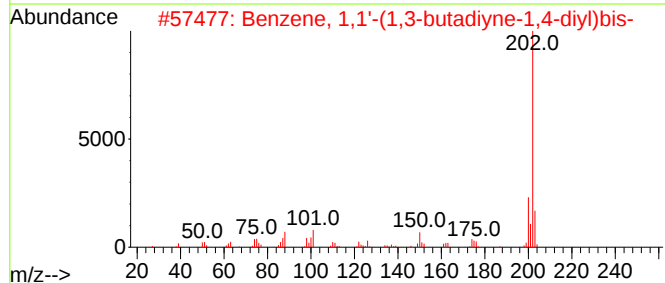
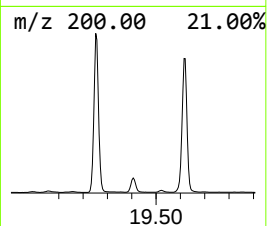
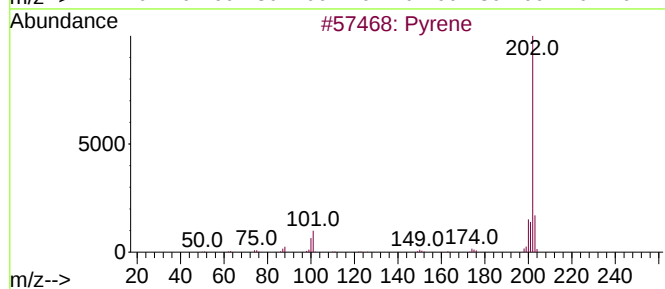
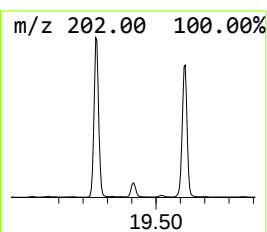
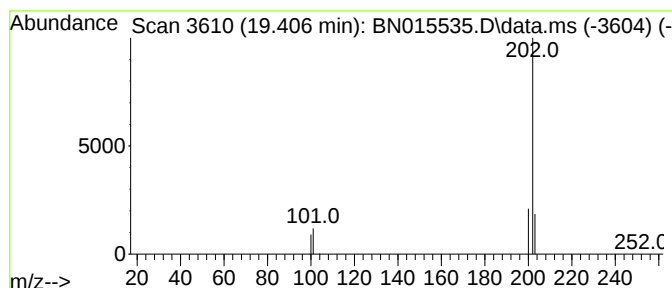
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 3 Pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.406	0.06 ng/ul	20556	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene	202	C16H10	000129-00-0	50
2			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	50
3			Fluoranthene	202	C16H10	000206-44-0	50
4			Fluoranthene	202	C16H10	000206-44-0	50
5			Ethanone, 1-(1,4-dihydroxy-2-nap...	202	C12H10O3	040420-48-2	9



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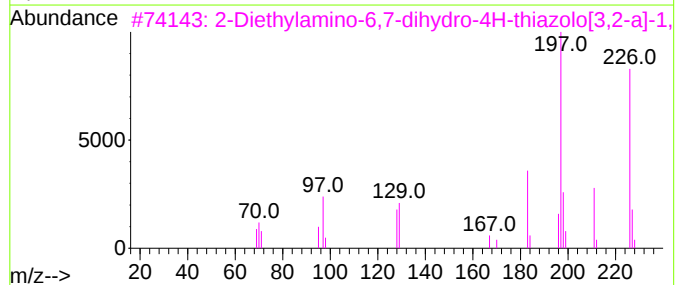
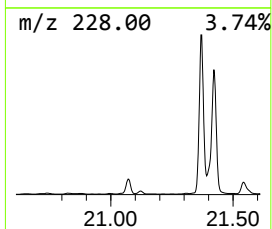
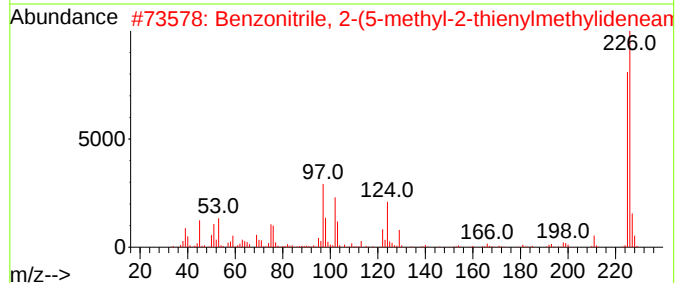
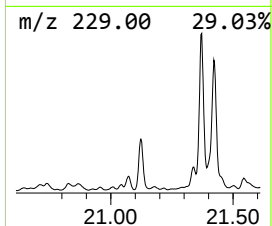
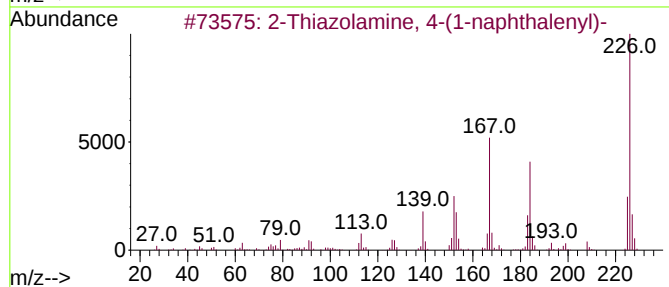
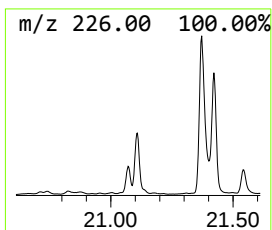
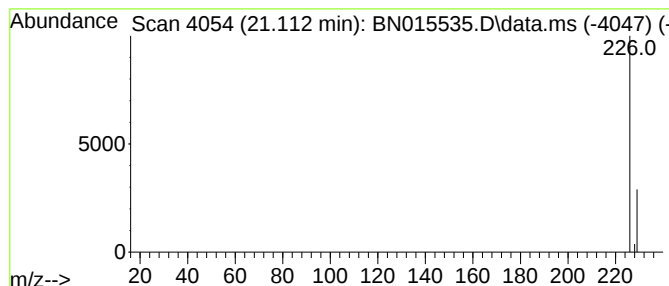
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 4 2-Thiazolamine, 4-(1-naphth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.112	0.05 ng/ul	15087	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	4
2			Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	4
3			2-Diethylamino-6,7-dihydro-4H-th...	226	C9H14N4OS	065248-24-0	4
4			Indole, 6-fluoro-2-hydroxy-5-met...	226	C9H7FN2O4	1000116-26-7	4
5			2H-Furo[2,3-h]-1-benzopyran-2-on...	226	C14H10O3	001760-27-6	4



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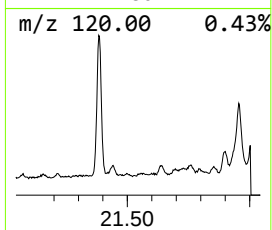
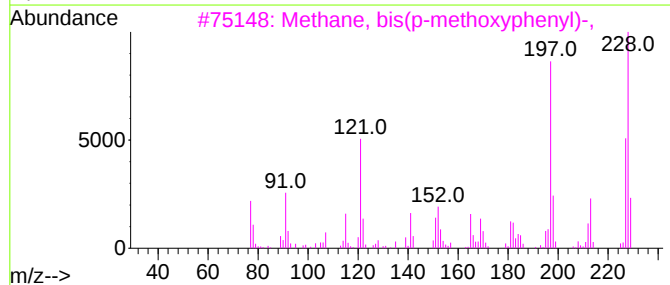
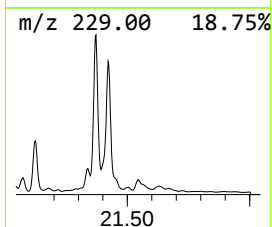
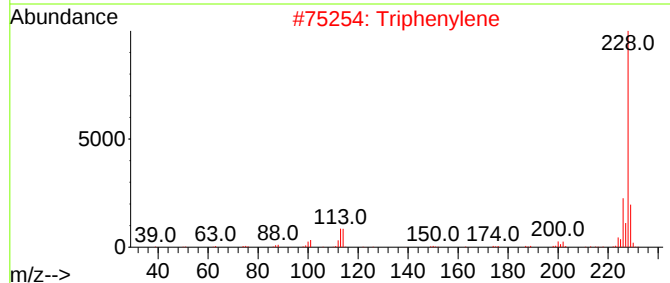
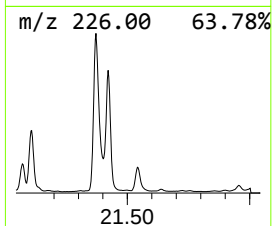
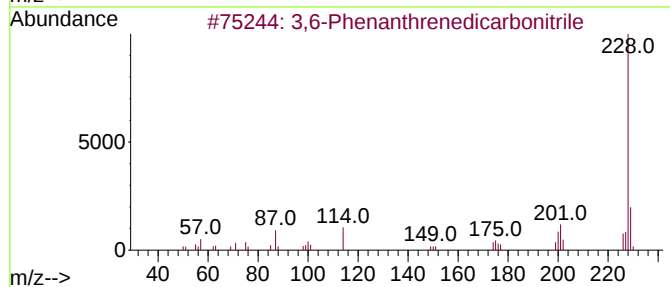
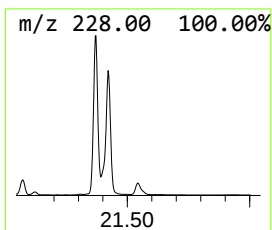
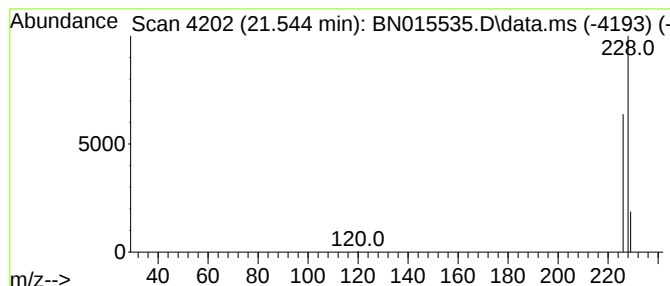
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 5 3,6-Phenanthrenedicarbonitrile Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.544	0.05 ng/ul	14724	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,6-Phenanthrenedicarbonitrile	228	C16H8N2	018930-78-4	5
2			Triphenylene	228	C18H12	000217-59-4	5
3			Methane, bis(p-methoxyphenyl)-,	228	C15H16O2	000726-18-1	5
4			Triphenylene	228	C18H12	000217-59-4	5
5			Naphthacene	228	C18H12	000092-24-0	5



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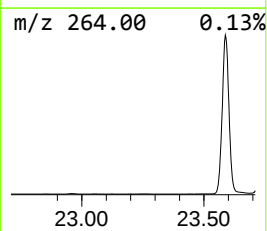
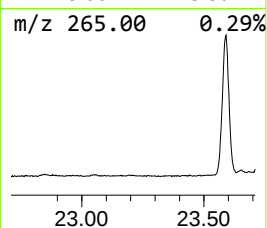
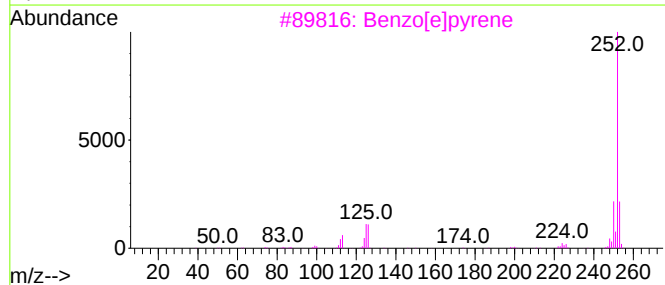
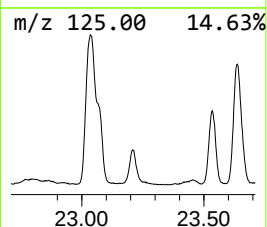
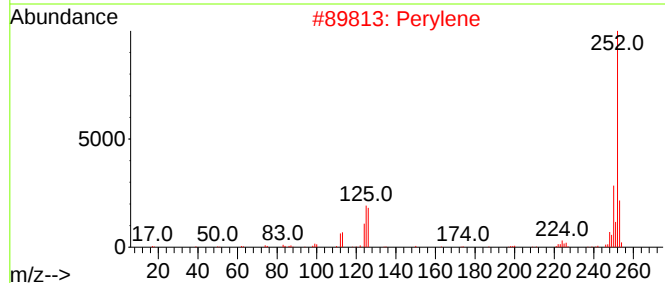
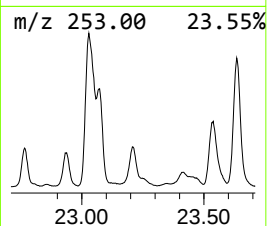
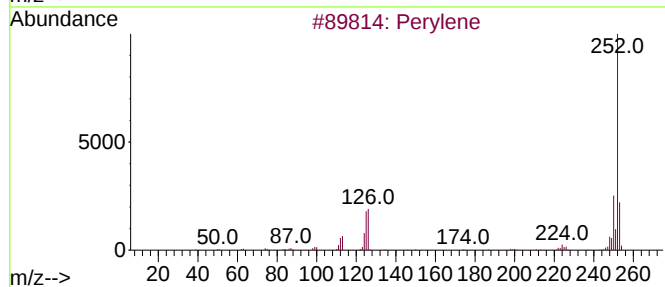
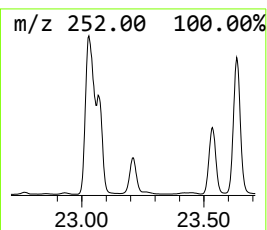
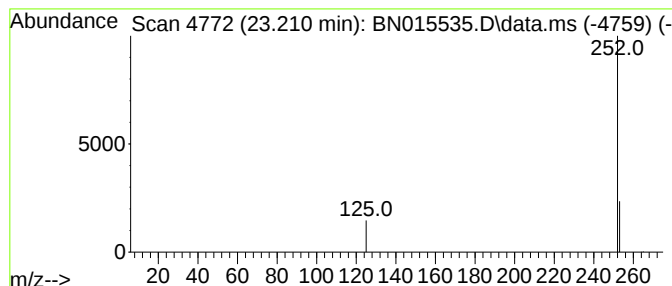
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 6 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.210	0.64 ng/ul	22035	Perylene-d12	23.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	9
2			Perylene	252	C20H12	000198-55-0	9
3			Benzo[e]pyrene	252	C20H12	000192-97-2	9
4			Perylene	252	C20H12	000198-55-0	9
5			Benzo[e]pyrene	252	C20H12	000192-97-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015535.D
Acq On : 13 Jul 2021 19:04
Operator : CG/JU
Sample : M2808-18DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDP7DL

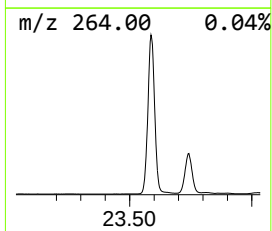
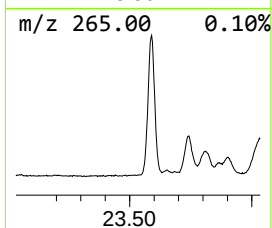
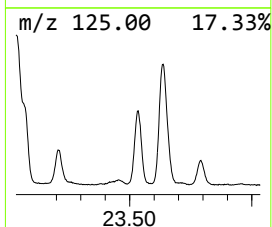
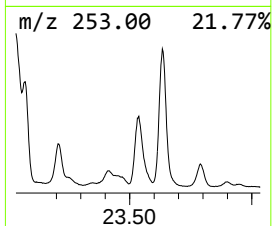
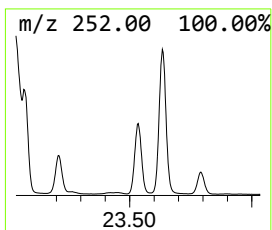
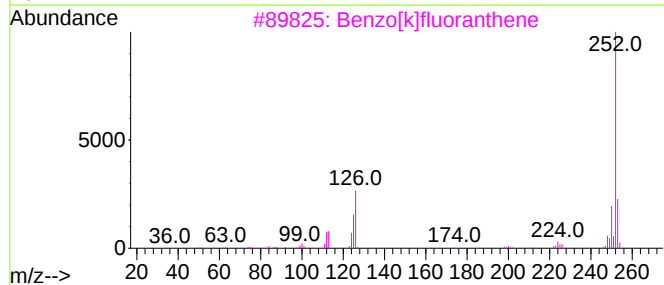
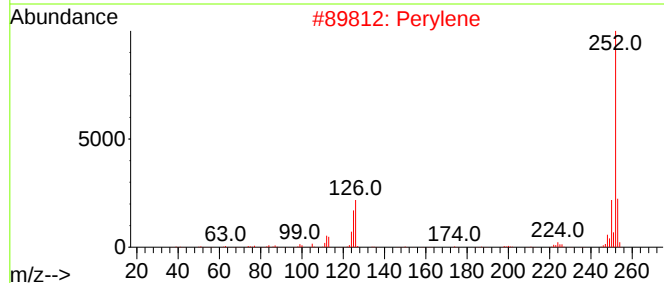
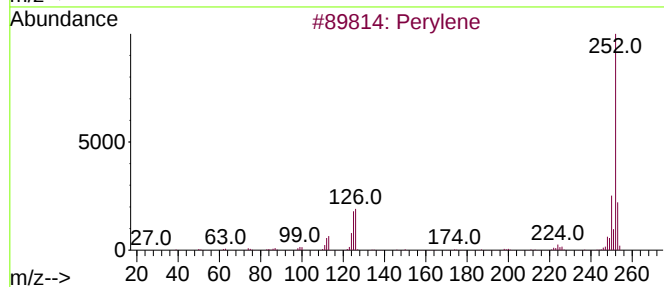
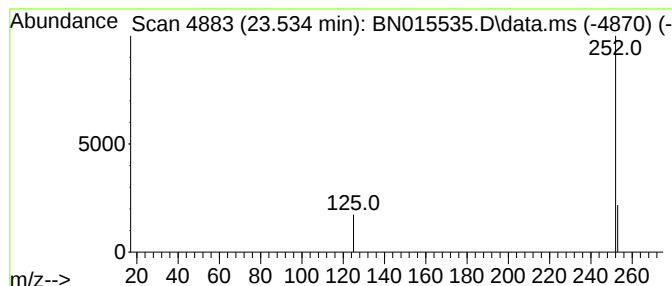
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 7 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.535	0.93 ng/ul	32038	Perylene-d12	23.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	9
2			Perylene	252	C20H12	000198-55-0	9
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	9
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	9
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015535.D
Acq On : 13 Jul 2021 19:04
Operator : CG/JU
Sample : M2808-18DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDP7DL

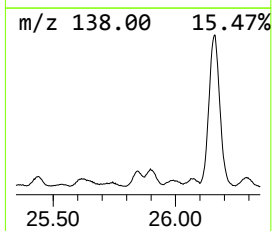
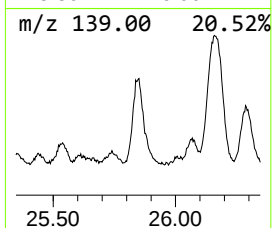
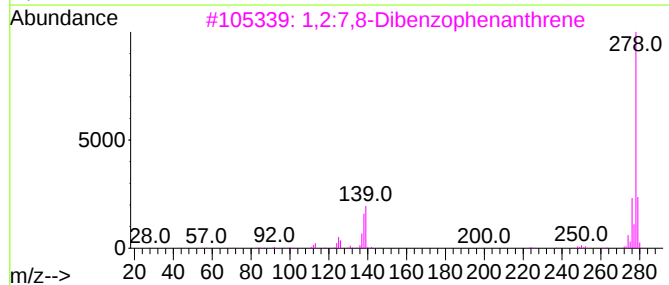
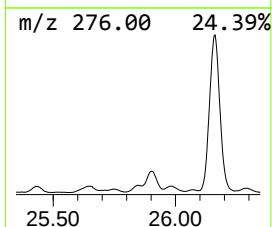
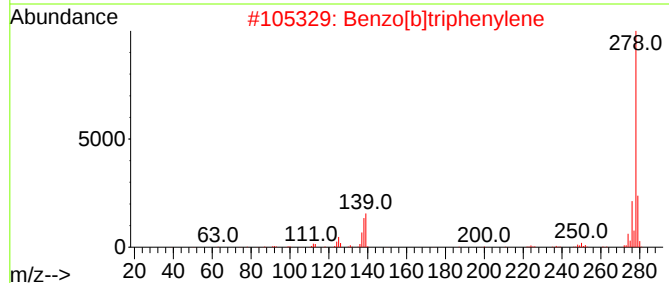
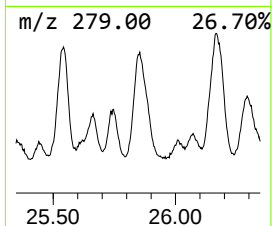
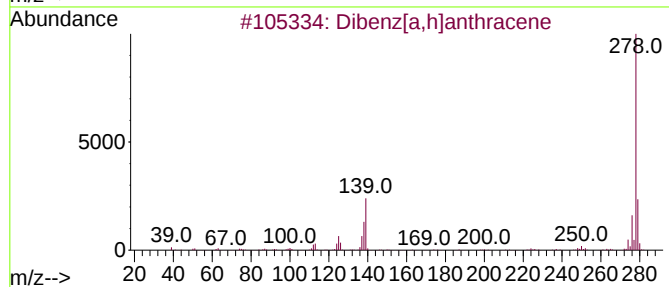
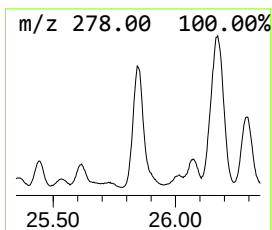
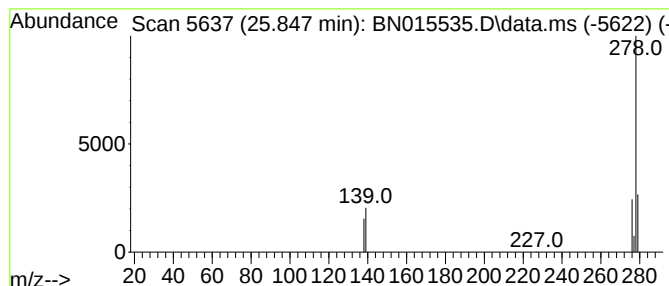
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 8 Dibenz[a,h]anthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.847	0.42 ng/ul	14629	Perylene-d12	23.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	80
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	72
3			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	72
4			p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	72
5			Benzo[b]triphenylene	278	C22H14	000215-58-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015535.D
Acq On : 13 Jul 2021 19:04
Operator : CG/JU
Sample : M2808-18DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDP7DL

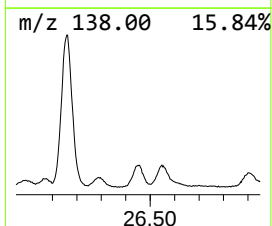
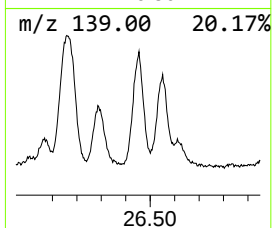
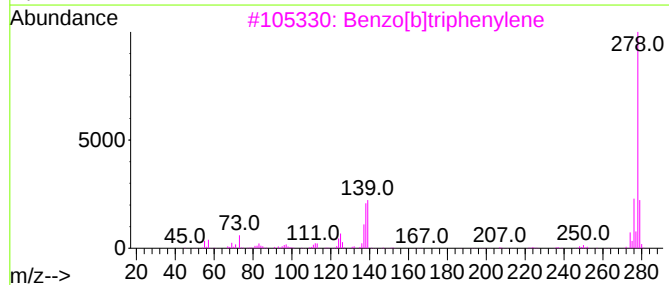
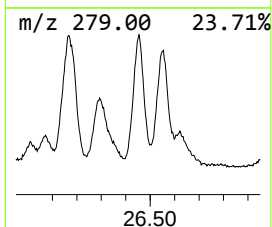
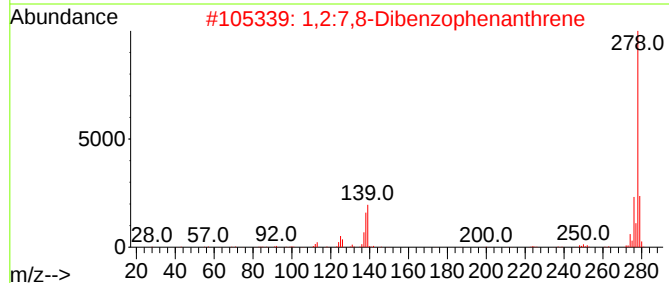
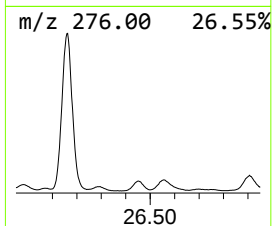
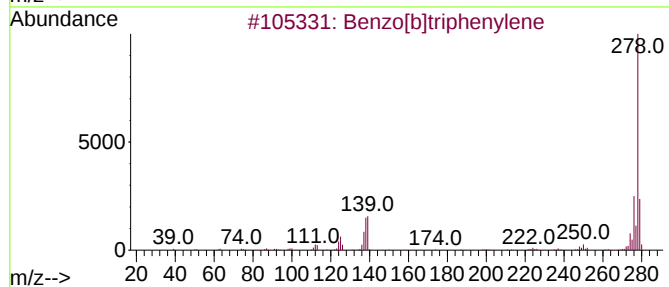
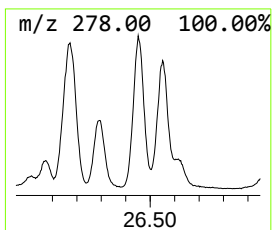
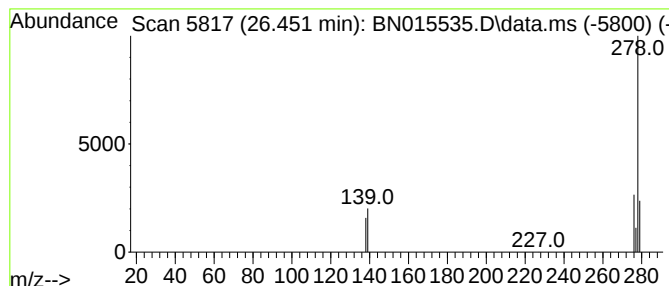
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 9 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.451	0.37 ng/ul	12698	Perylene-d12	23.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	80
2			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	80
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	80
4			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	72
5			Benzo[b]triphenylene	278	C22H14	000215-58-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015535.D
Acq On : 13 Jul 2021 19:04
Operator : CG/JU
Sample : M2808-18DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDP7DL

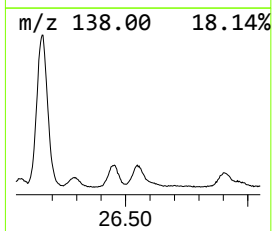
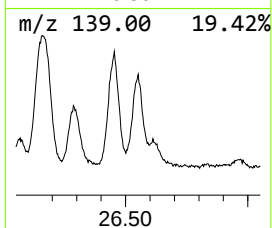
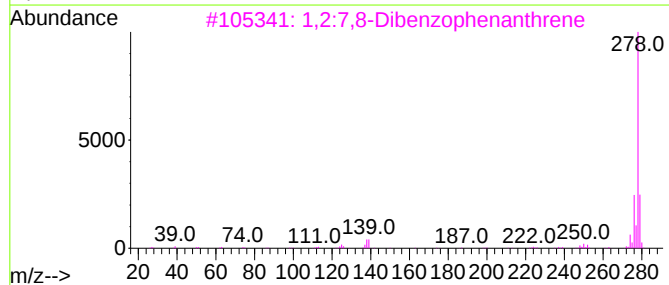
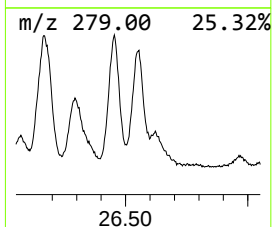
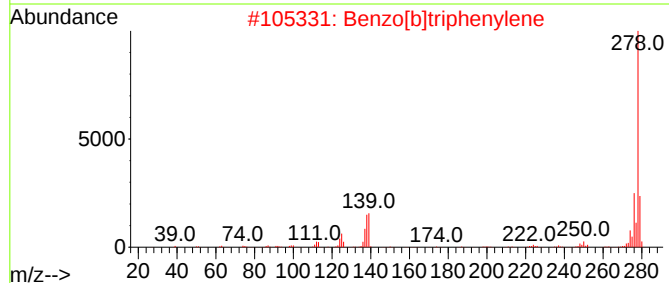
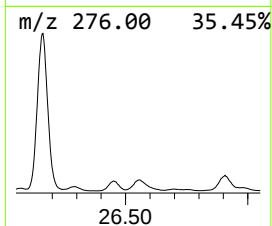
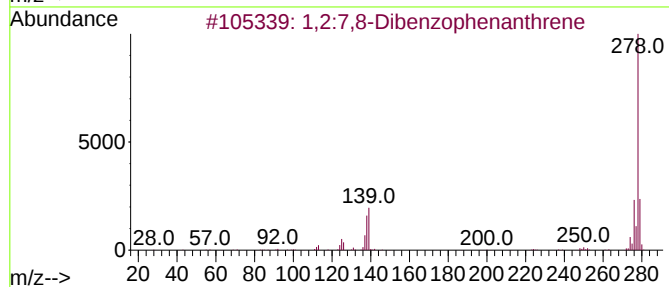
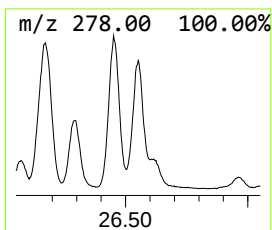
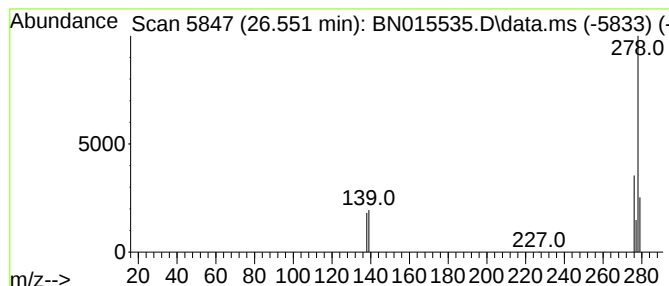
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 10 1,2:7,8-Dibenzophenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.551	0.40 ng/ul	13641	Perylene-d12	23.742

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	80
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	80
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	72
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	72
5		Benzo[b]triphenylene	278	C22H14	000215-58-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015535.D
 Acq On : 13 Jul 2021 19:04
 Operator : CG/JU
 Sample : M2808-18DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: RTEINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
0-Methyl N-tert...	8.511	0.5	ng/ul	13076	1	7.808	9542	0.4
4(1H)-Pteridino...	13.854	1.0	ng/ul	36080	3	14.441	14096	0.4
Pyrene	19.406	0.1	ng/ul	20556	5	21.386	128762	0.4
2-Thiazolamine,...	21.112	0.0	ng/ul	15087	5	21.386	128762	0.4
3,6-Phenanthren...	21.544	0.0	ng/ul	14724	5	21.386	128762	0.4
Perylene	23.210	0.6	ng/ul	22035	6	23.742	13804	0.4
Perylene	23.535	0.9	ng/ul	32038	6	23.742	13804	0.4
Dibenz[a,h]anth...	25.847	0.4	ng/ul	14629	6	23.742	13804	0.4
Benzo[b]triphen...	26.451	0.4	ng/ul	12698	6	23.742	13804	0.4
1,2:7,8-Dibenzo...	26.551	0.4	ng/ul	13641	6	23.742	13804	0.4