

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022322.D
 Acq On : 25 Oct 2022 12:48
 Operator : CG/JU
 Sample : N5015-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BF0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 27 05:13:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4857	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8781	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15616	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	10550	0.400	ng/ul	# 0.00
23) Perylene-d12	24.034	264	9459	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	42764	6.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	10392	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	17870	0.505	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.336	152	7539	0.191	ng/ul	97
12) Fluorene	15.669	166	1609	0.042	ng/ul#	94
15) Phenanthrene	17.412	178	26369	0.503	ng/ul	99
16) Anthracene	17.505	178	4481	0.101	ng/ul	95
19) Fluoranthene	19.440	202	19167	0.397	ng/ul#	93
20) Pyrene	19.802	202	34622m	0.713	ng/ul	
21) Benzo(a)anthracene	21.559	228	15790m	0.399	ng/ul	
22) Chrysene	21.614	228	11190	0.267	ng/ul	96
24) Benzo(b)fluoranthene	23.283	252	8875m	0.187	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	1642m	0.036	ng/ul	
26) Benzo(a)pyrene	23.923	252	7653	0.202	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.615	276	3073	0.065	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.628	278	1017	0.027	ng/ul#	28
29) Benzo(g,h,i)perylene	27.410	276	2890	0.075	ng/ul#	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

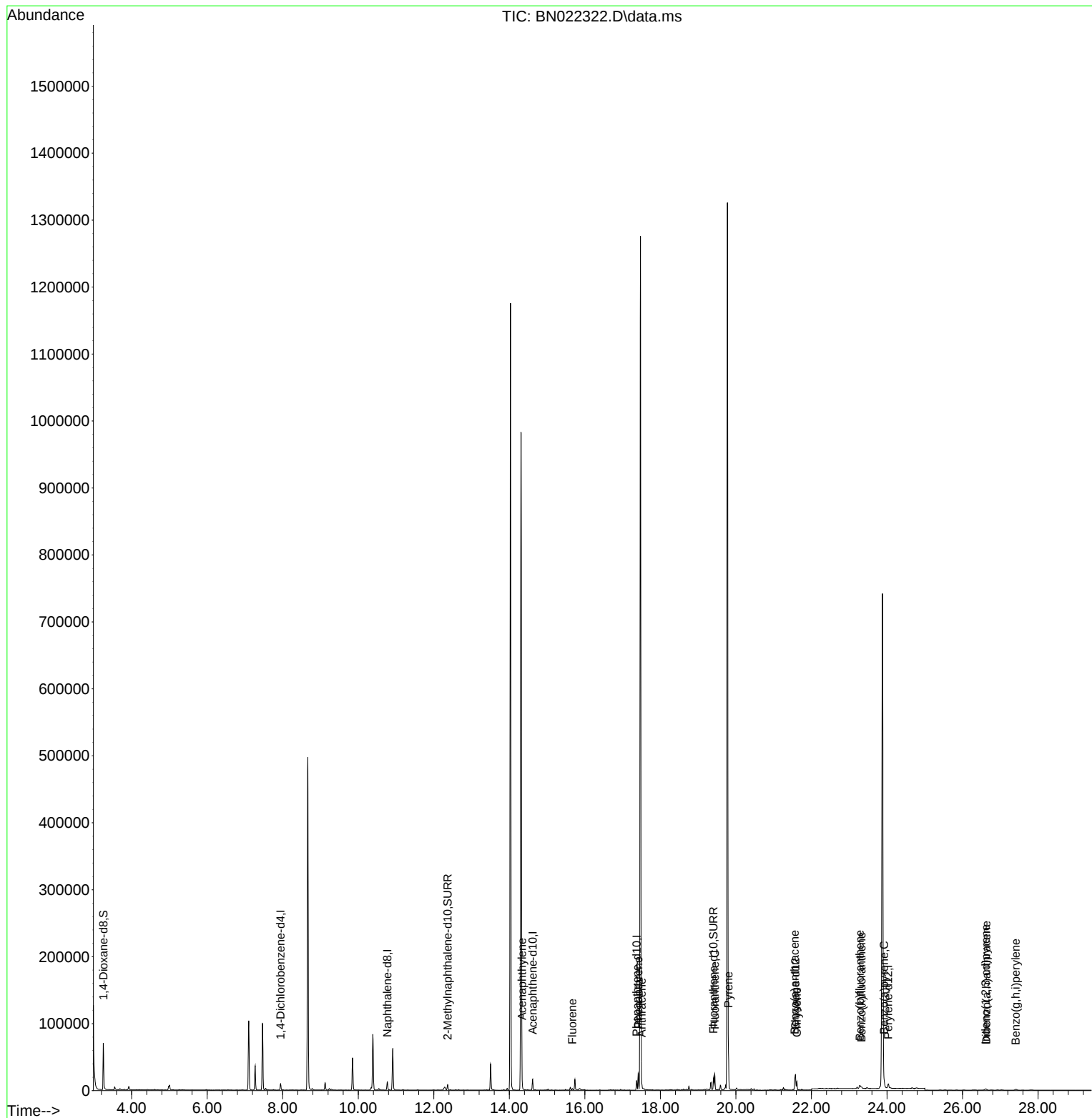
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022322.D
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ALS Vial : 37 Sample Multiplier: 1

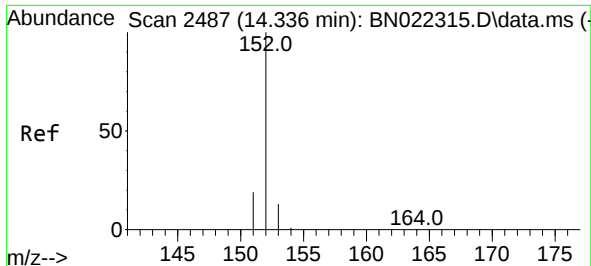
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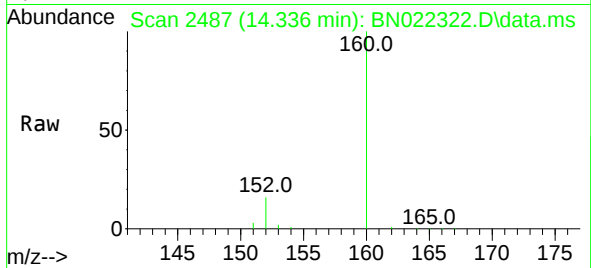
Quant Time: Oct 27 05:13:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.191 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

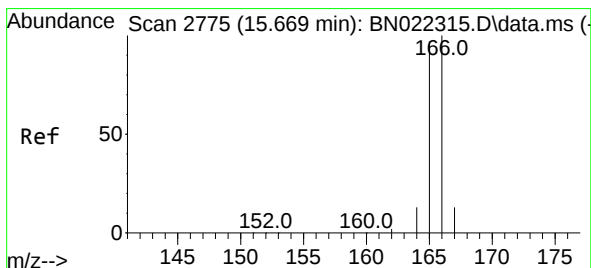
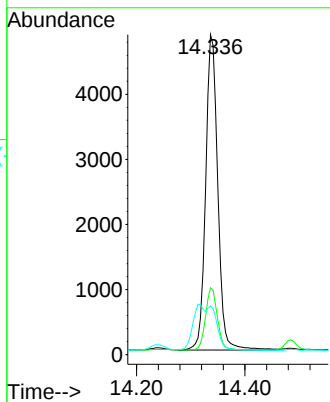
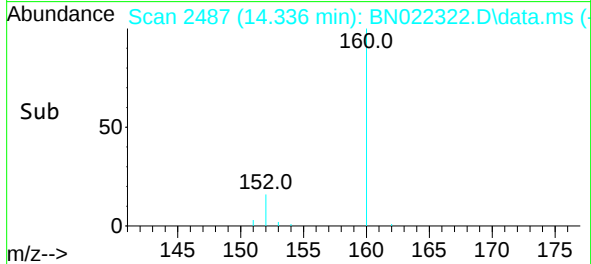
Instrument :
BNA_N
ClientSampleId :
C1BF0



Tgt Ion:152 Resp: 7539
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 15.2 10.8 16.2

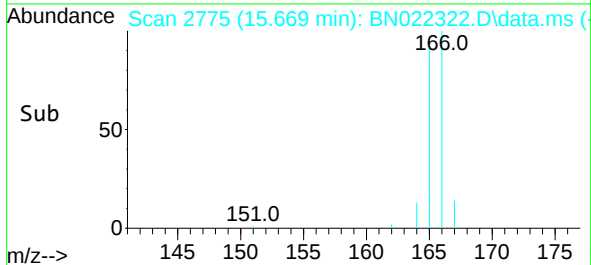
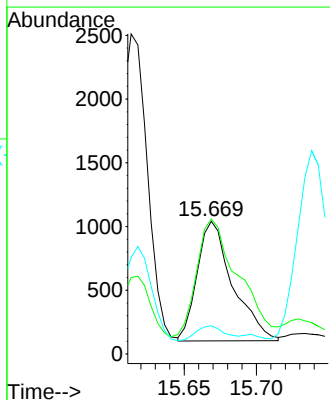
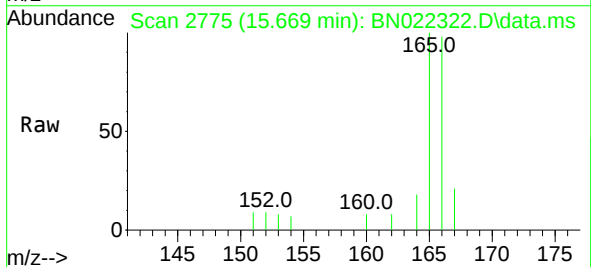
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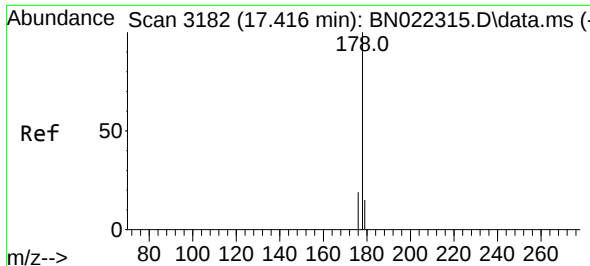
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

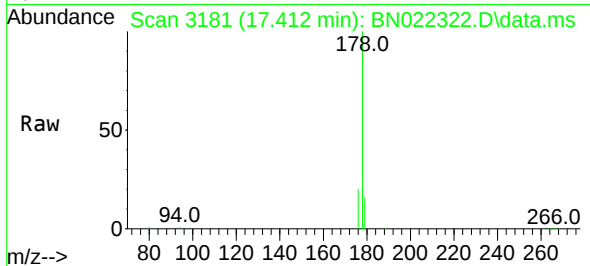
Tgt Ion:166 Resp: 1609
Ion Ratio Lower Upper
166 100
165 101.6 78.2 117.2
167 21.2 11.0 16.4





#15
Phenanthrene
Concen: 0.503 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

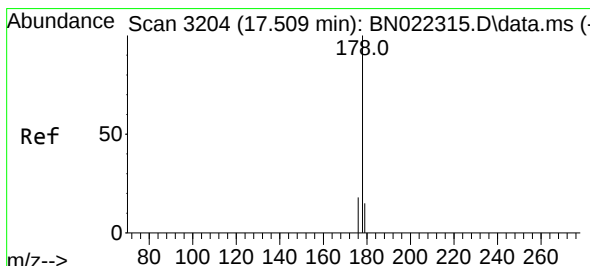
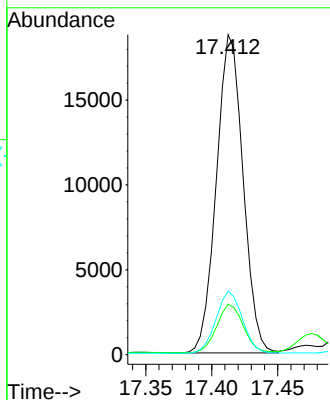
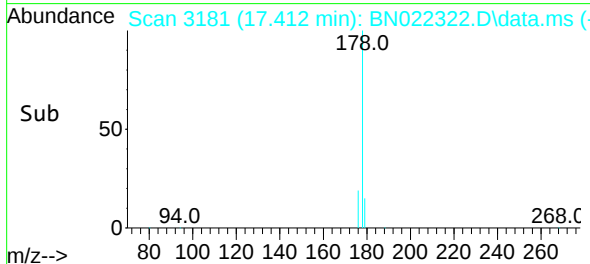
Instrument :
BNA_N
ClientSampleId :
C1BF0



Tgt Ion:178 Resp: 26369
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.8 15.4 23.2

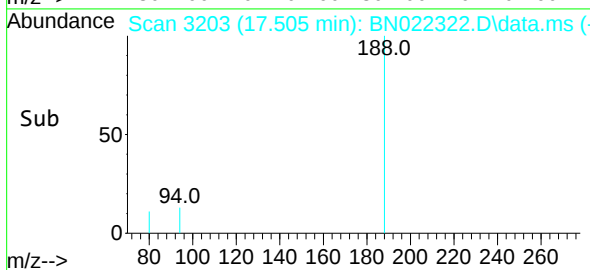
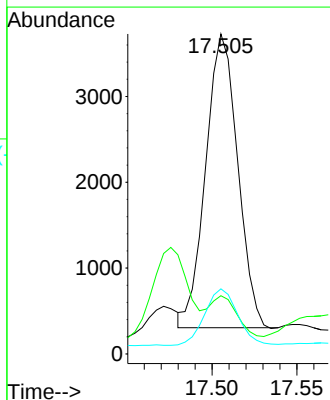
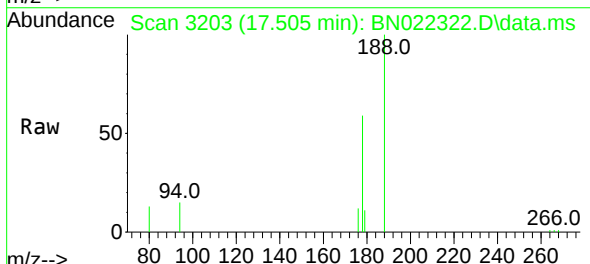
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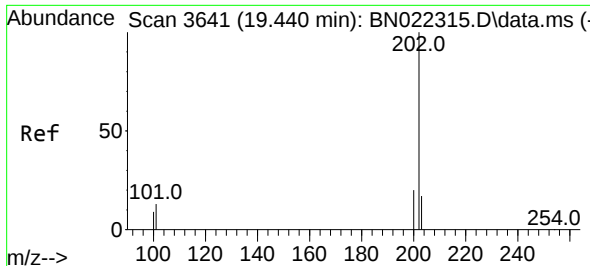
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#16
Anthracene
Concen: 0.101 ng/u1
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

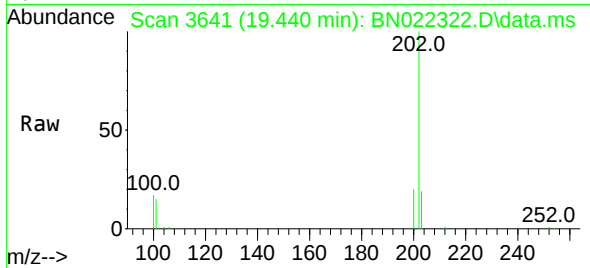
Tgt Ion:178 Resp: 4481
Ion Ratio Lower Upper
178 100
179 18.2 12.6 18.8
176 20.4 15.0 22.6





#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

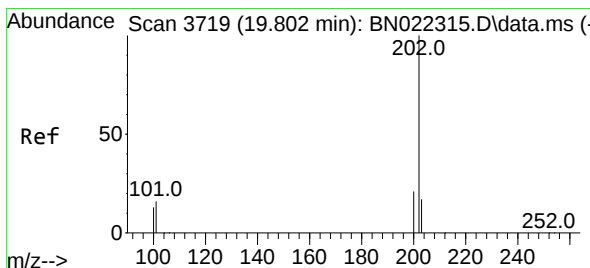
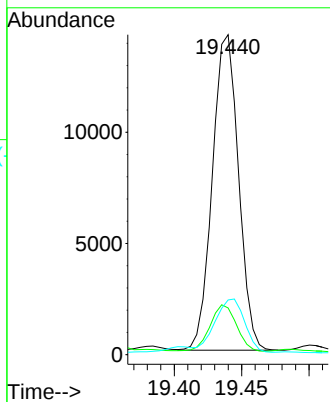
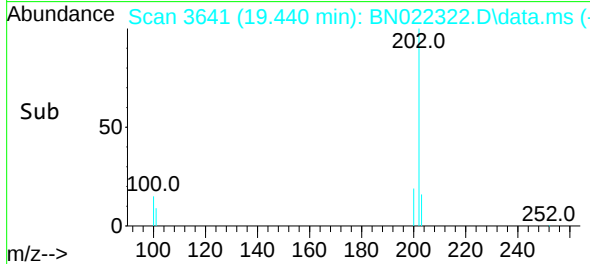
Instrument :
BNA_N
ClientSampleId :
C1BF0



Tgt Ion:202 Resp: 1916
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 17.1 8.7 13.1

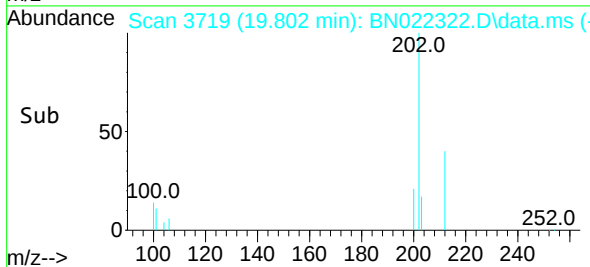
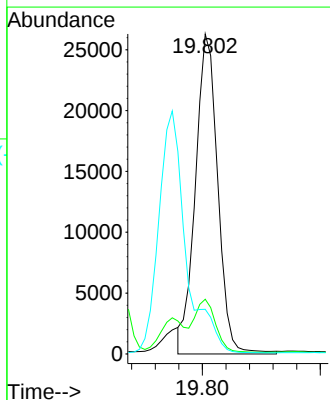
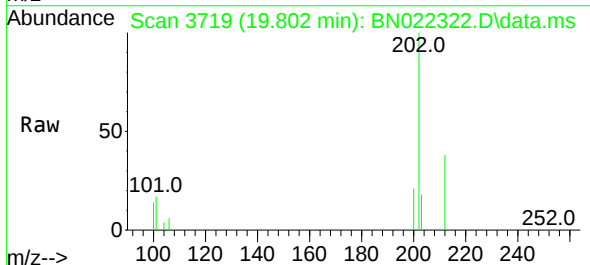
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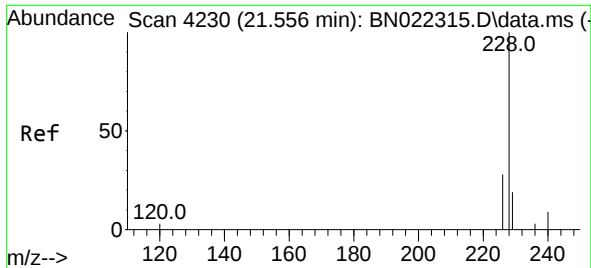
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#20
Pyrene
Concen: 0.713 ng/ul m
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

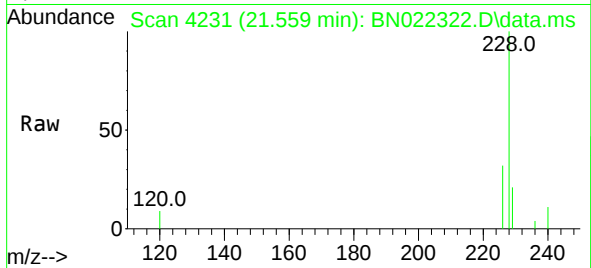
Tgt Ion:202 Resp: 34622
Ion Ratio Lower Upper
202 100
101 17.1 13.1 19.7
100 13.9 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.399 ng/ul m
RT: 21.559 min Scan# 4230
Delta R.T. -0.000 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

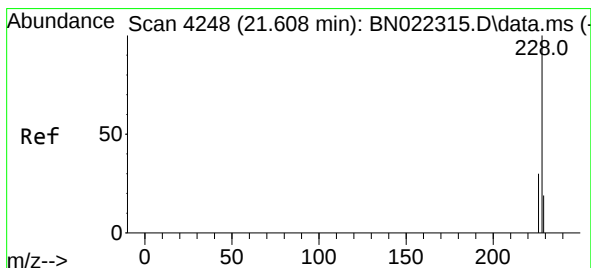
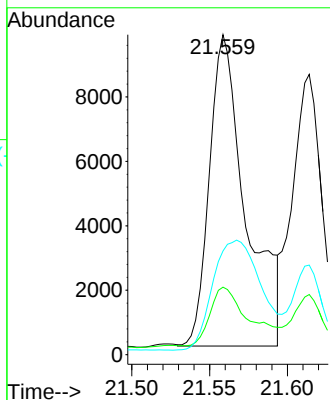
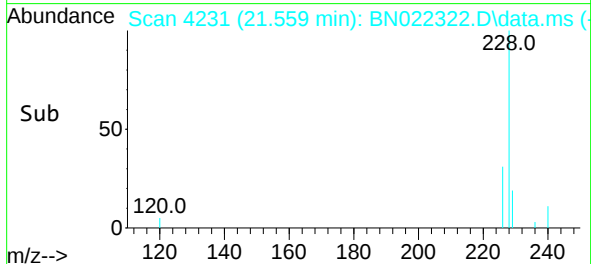
Instrument :
BNA_N
ClientSampleId :
C1BF0



Tgt Ion:228 Resp: 15790
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 32.4 21.5 32.3

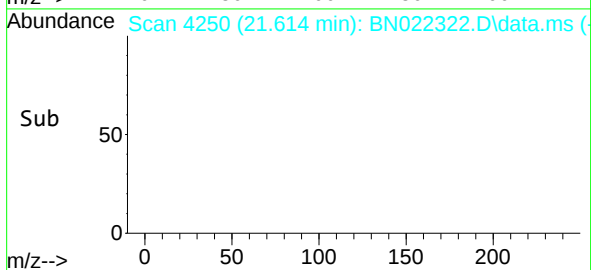
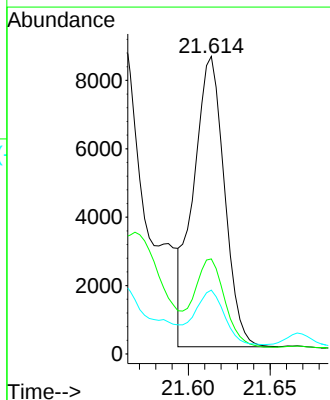
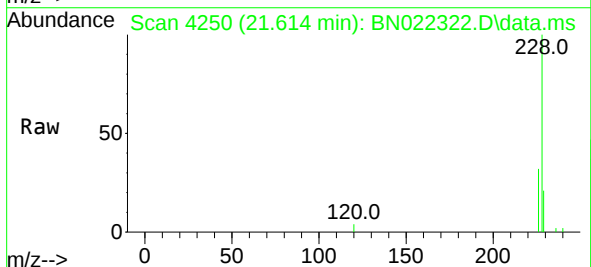
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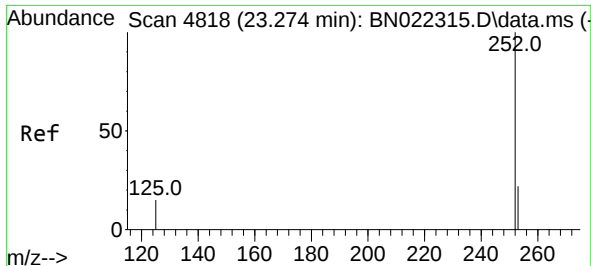
Reviewed By :Jagrut Upadhyay 10/27/2022
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#22
Chrysene
Concen: 0.267 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

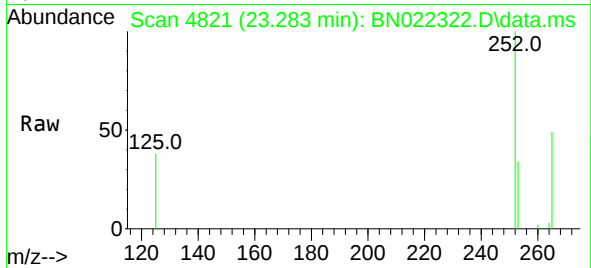
Tgt Ion:228 Resp: 11190
Ion Ratio Lower Upper
228 100
226 31.9 23.9 35.9
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.187 ng/ul m
RT: 23.283 min Scan# 4821
Delta R.T. 0.006 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

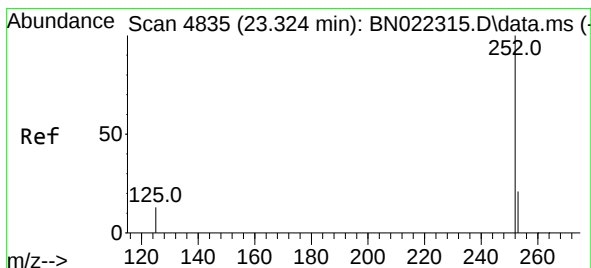
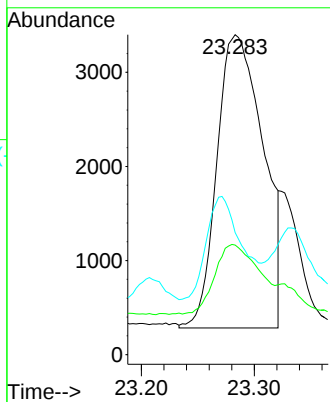
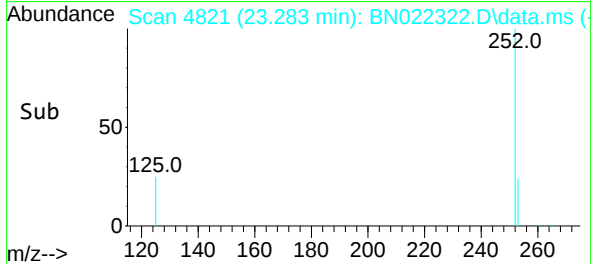
Instrument :
BNA_N
ClientSampleId :
C1BF0



Tgt Ion:252 Resp: 887
Ion Ratio Lower Upper
252 100
253 34.2 0.0 49.0
125 38.1 0.0 35.2

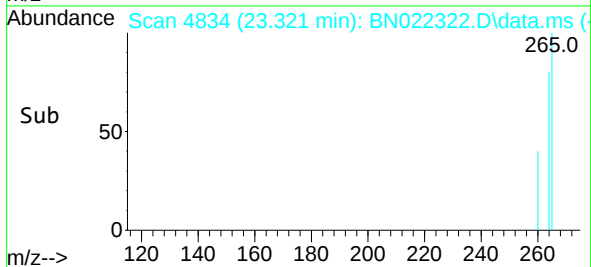
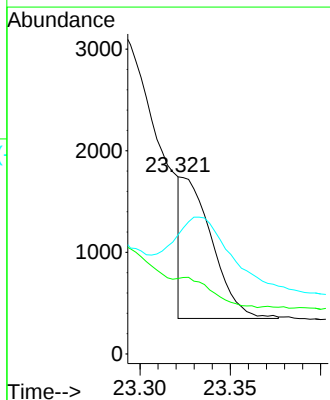
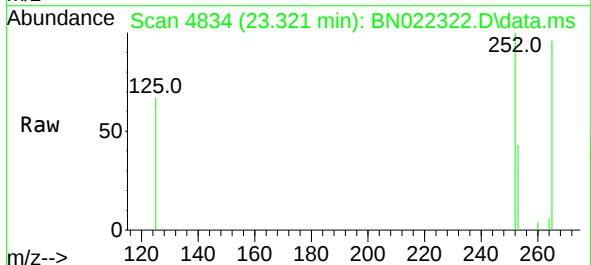
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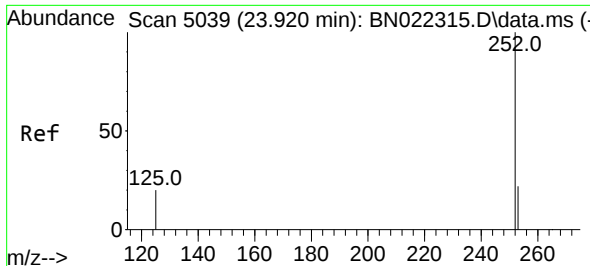
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

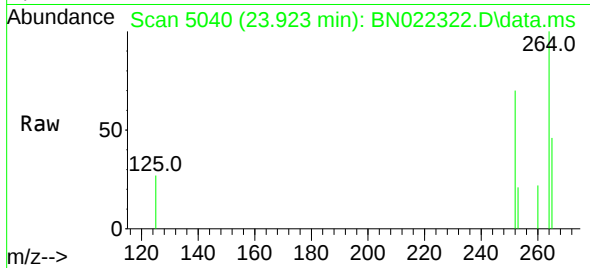
Tgt Ion:252 Resp: 1642
Ion Ratio Lower Upper
252 100
253 42.6 19.7 29.5#
125 67.2 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.923 min Scan# 5039
Delta R.T. 0.003 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

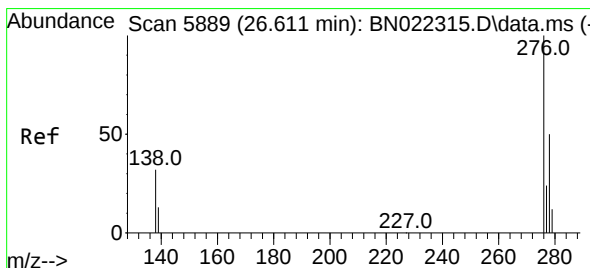
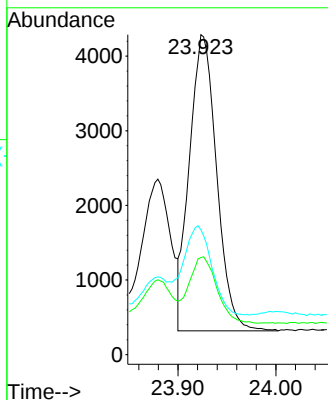
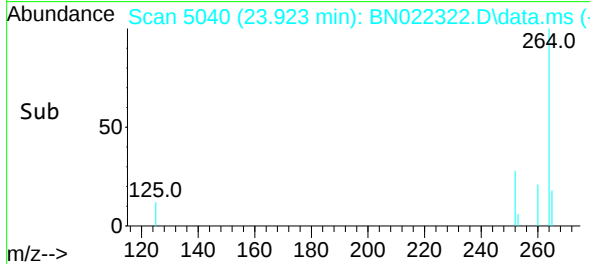
Instrument :
BNA_N
ClientSampleId :
C1BF0



Tgt Ion:252 Resp: 765
Ion Ratio Lower Upper
252 100
253 30.3 21.0 31.6
125 39.1 17.9 26.9

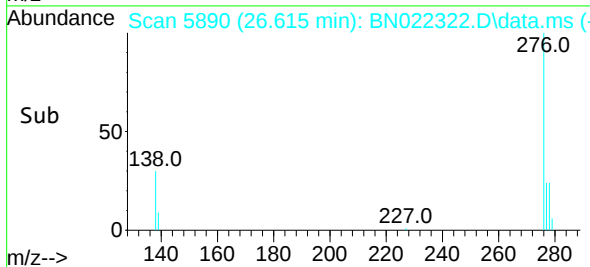
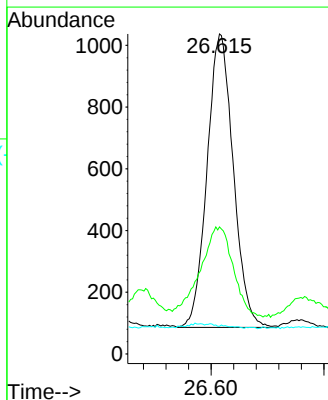
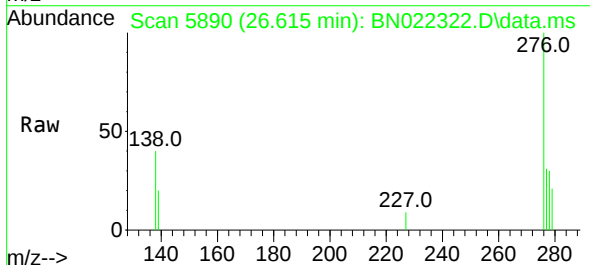
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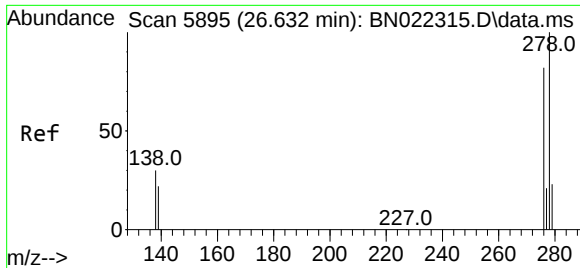
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.065 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.000 min
Lab File: BN022322.D
Acq: 25 Oct 2022 12:48

Tgt Ion:276 Resp: 3073
Ion Ratio Lower Upper
276 100
138 38.8 27.7 41.5
227 0.5 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.027 ng/ul

RT: 26.628 min Scan# 5895

Delta R.T. -0.010 min

Lab File: BN022322.D

Acq: 25 Oct 2022 12:48

Instrument :

BNA_N

ClientSampleId :

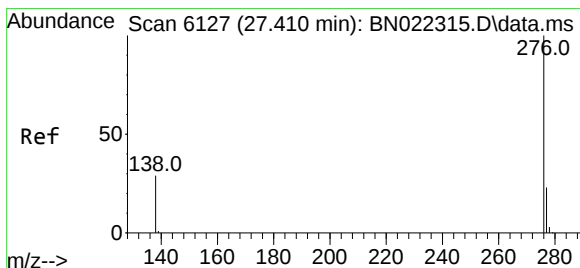
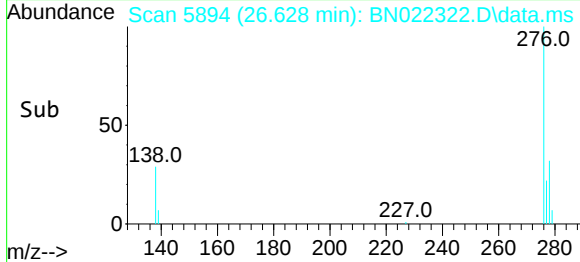
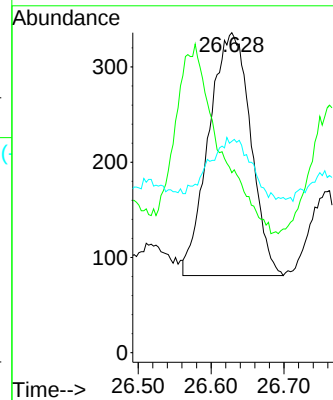
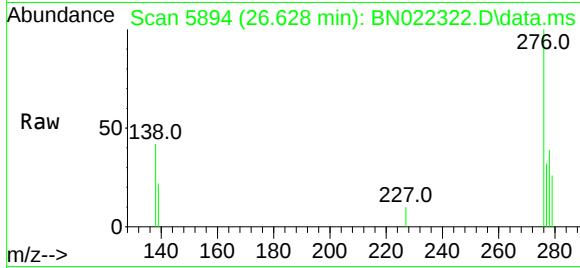
C1BF0

Tgt Ion:278	Resp:	101
Ion Ratio	Lower	Upper
278	100	
139	56.3	19.6 29.4
279	66.1	20.6 30.8

Manual Integrations

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Supervised By :mohammad ahmed 10/27/2022



#29

Benzo(g,h,i)perylene

Concen: 0.075 ng/ul

RT: 27.410 min Scan# 6127

Delta R.T. -0.000 min

Lab File: BN022322.D

Acq: 25 Oct 2022 12:48

Tgt Ion:276	Resp:	2890
Ion Ratio	Lower	Upper
276	100	
138	40.5	25.2 37.8
277	31.1	19.9 29.9

