

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027110.D
 Acq On : 24 Aug 2023 22:55
 Operator : MA/JU
 Sample : 03968-33DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 03:52:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	6175	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.911	136	19883	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.712	164	12130	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	26949	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	23465	0.400	ng/ul	0.00
23) Perylene-d12	24.164	264	25513	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	6756	0.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	1432	0.049	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	3976	0.054	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.444	152	3919	0.058	ng/ul	95
15) Phenanthrene	17.502	178	18745	0.212	ng/ul	99
16) Anthracene	17.595	178	4289	0.054	ng/ul#	93
19) Fluoranthene	19.506	202	54191	0.556	ng/ul	97
20) Pyrene	19.873	202	52378m	0.504	ng/ul	
21) Benzo(a)anthracene	21.615	228	28225	0.302	ng/ul	98
22) Chrysene	21.671	228	30027	0.326	ng/ul	97
24) Benzo(b)fluoranthene	23.378	252	45336m	0.470	ng/ul	
25) Benzo(k)fluoranthene	23.424	252	15809m	0.166	ng/ul	
26) Benzo(a)pyrene	24.053	252	30825	0.354	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.837	276	19898	0.175	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.861	278	4609	0.051	ng/ul#	61
29) Benzo(g,h,i)perylene	27.676	276	18632	0.196	ng/ul	95

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

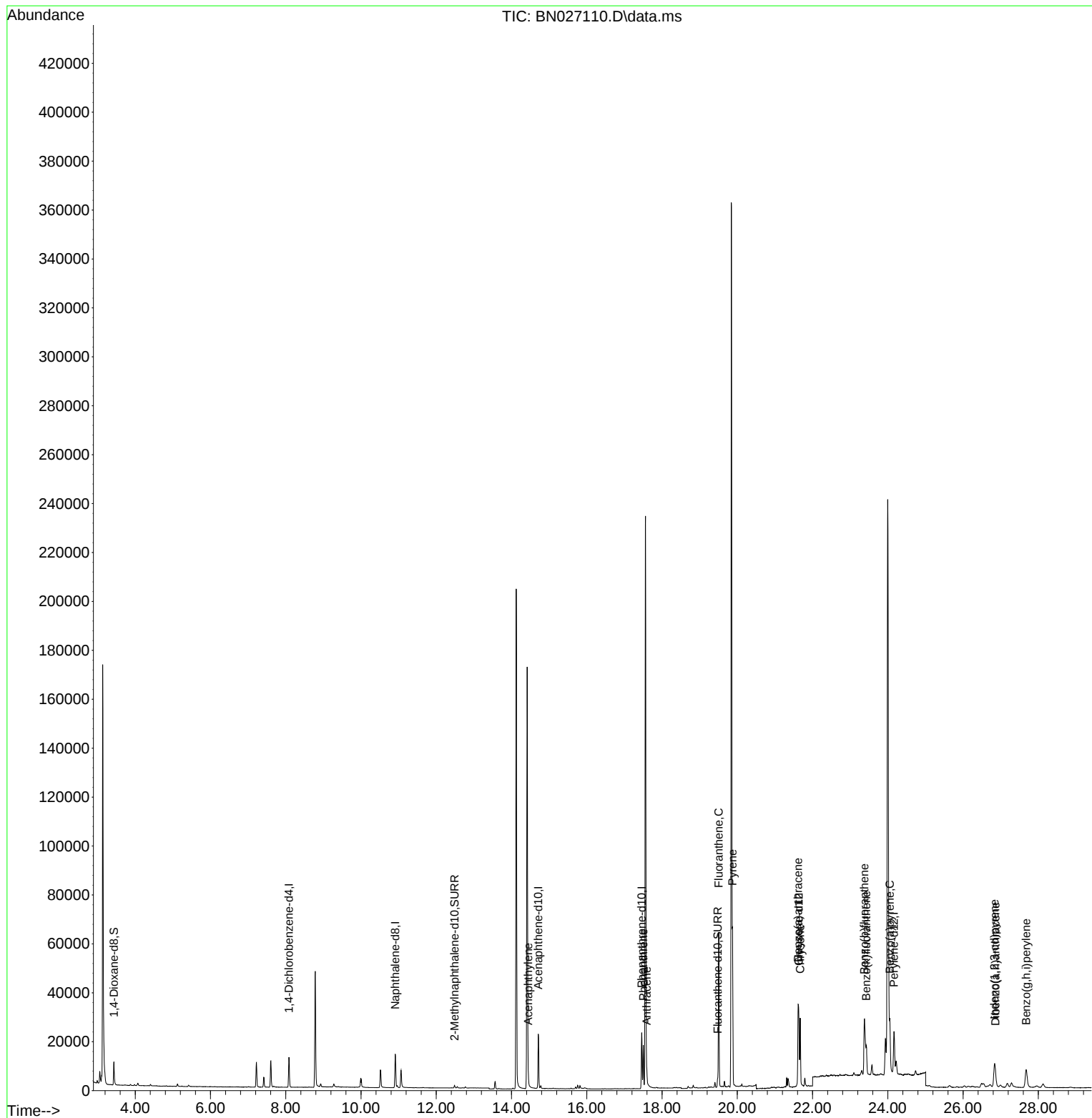
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
Data File : BN027110.D
Acq On : 24 Aug 2023 22:55
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Sample : 03968-33DL 5X
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ALS Vial : 13 Sample Multiplier: 1

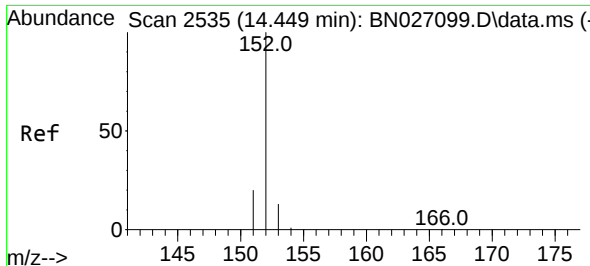
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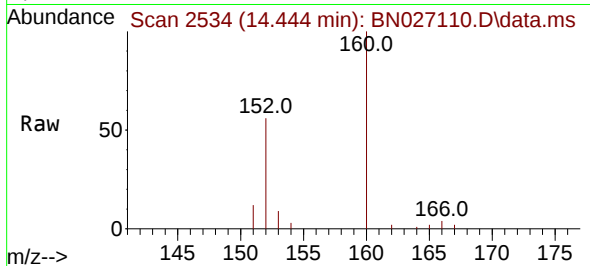
Quant Time: Aug 25 03:52:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55

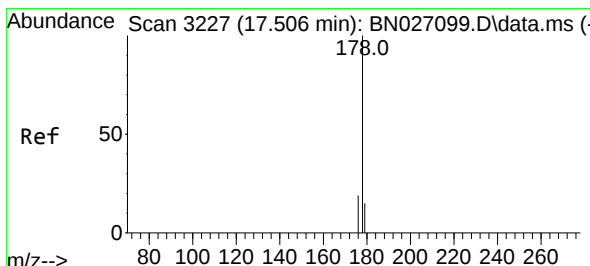
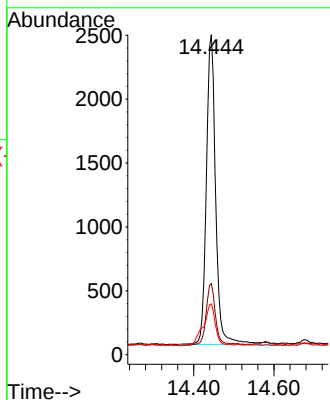
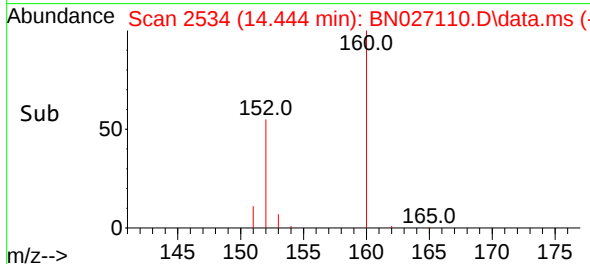
Instrument :
BNA_N
ClientSampleId :
A48Q1DL



Tgt Ion:152 Resp: 3919
Ion Ratio Lower Upper
152 100
151 22.2 15.9 23.9
153 15.9 11.0 16.6

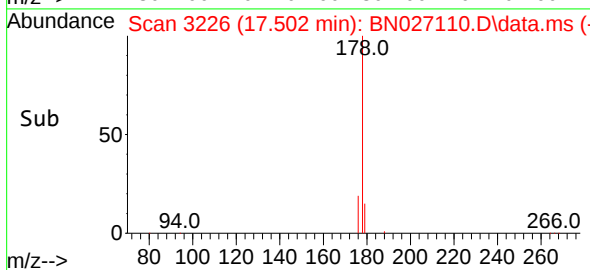
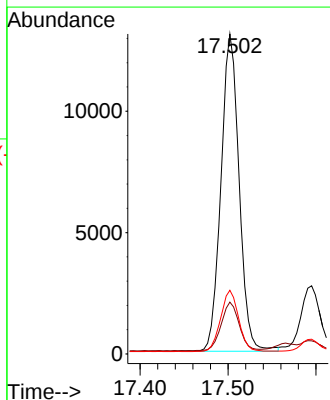
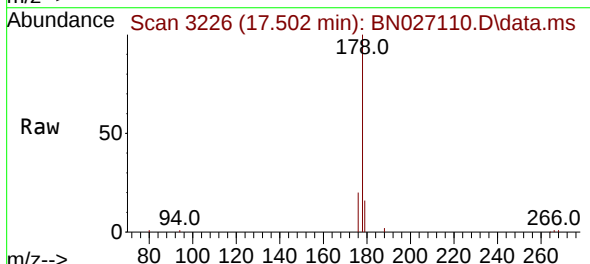
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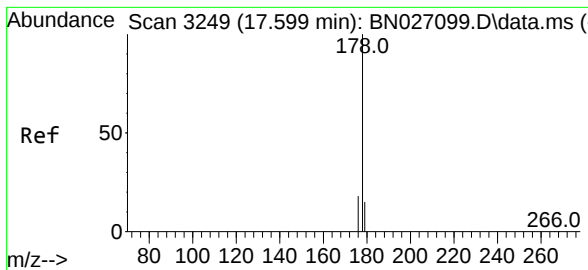
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#15
Phenanthrene
Concen: 0.212 ng/ul
RT: 17.502 min Scan# 3226
Delta R.T. -0.008 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55

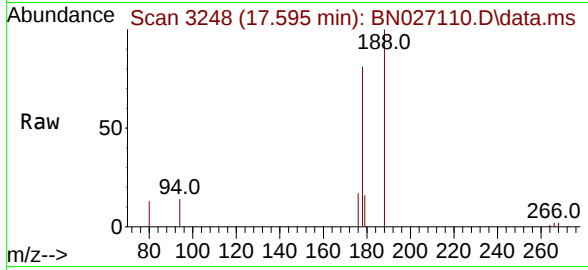
Tgt Ion:178 Resp: 18745
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.9 15.4 23.2





#16
 Anthracene
 Concen: 0.054 ng/ul
 RT: 17.595 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN027110.D
 Acq: 24 Aug 2023 22:55

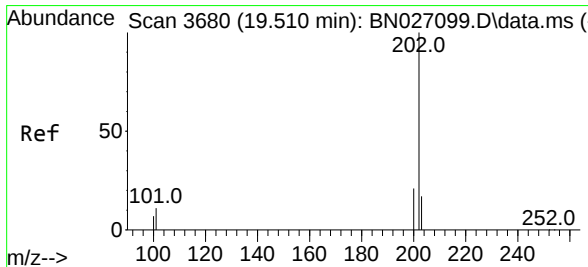
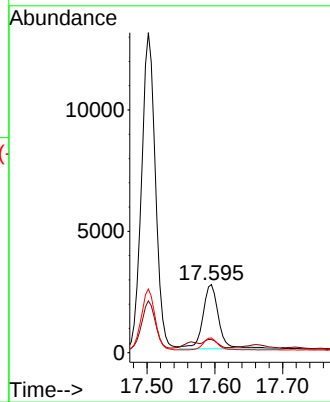
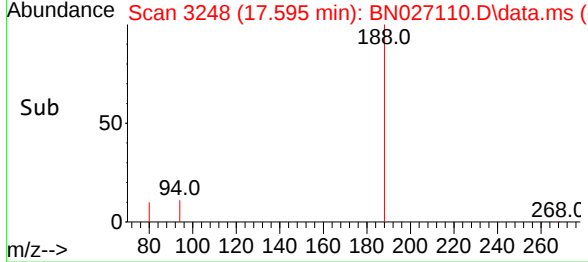
Instrument :
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 ClientSampleId :
 A48Q1DL



Tgt Ion:178 Resp: 4289
 Ion Ratio Lower Upper
 178 100
 179 19.2 12.6 19.0
 176 21.5 15.0 22.6

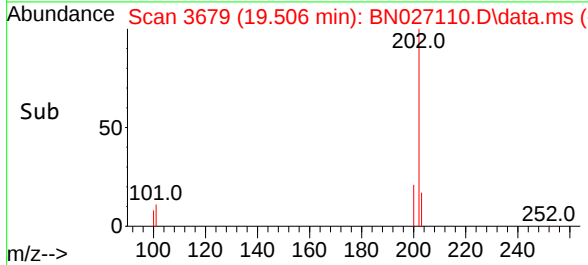
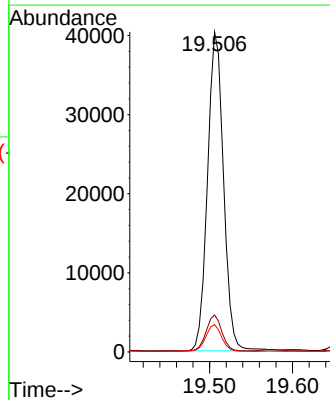
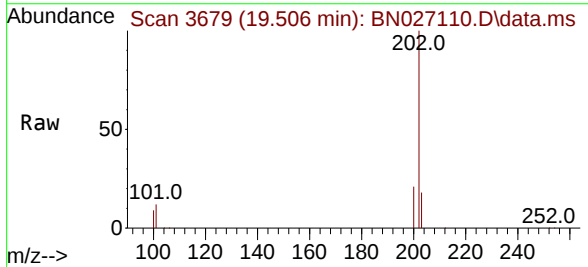
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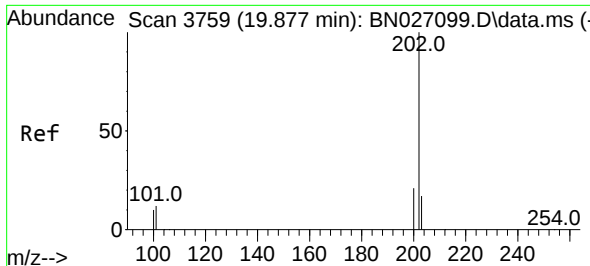
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#19
 Fluoranthene
 Concen: 0.556 ng/ul
 RT: 19.506 min Scan# 3679
 Delta R.T. -0.009 min
 Lab File: BN027110.D
 Acq: 24 Aug 2023 22:55

Tgt Ion:202 Resp: 54191
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.3 12.5
 100 8.6 6.2 9.2





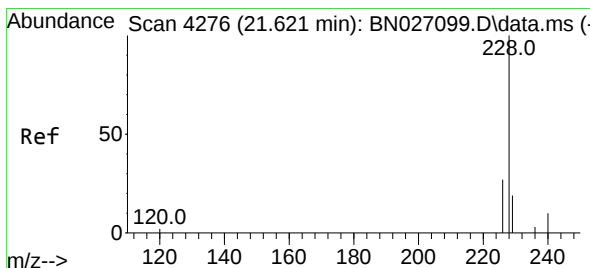
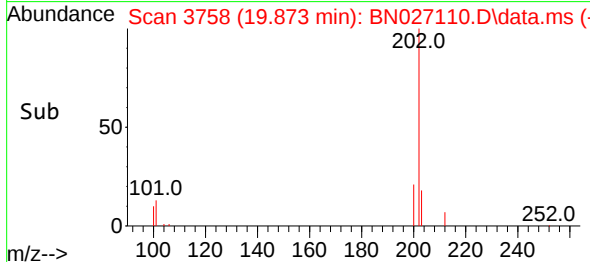
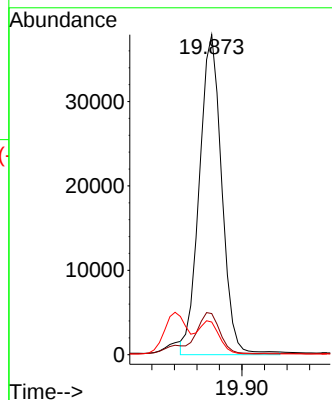
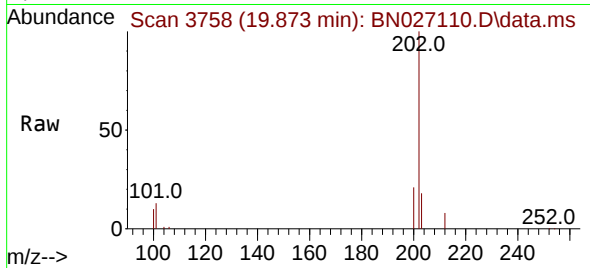
#20
Pyrene
Concen: 0.504 ng/ul m
RT: 19.873 min Scan# 3759
Delta R.T. -0.009 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55

Instrument :
BNA_N
ClientSampleId :
A48Q1DL

Tgt Ion:202 Resp: 52378
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.2 8.5 12.7

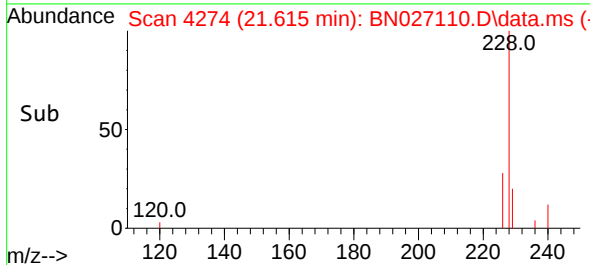
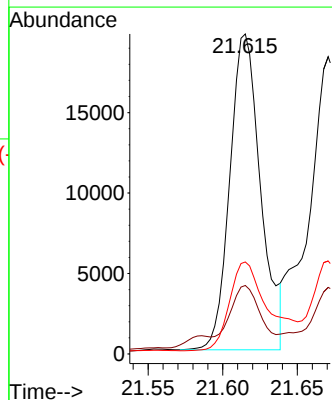
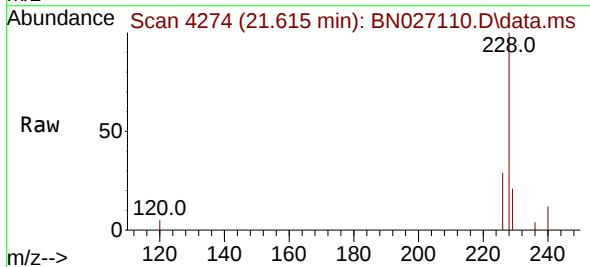
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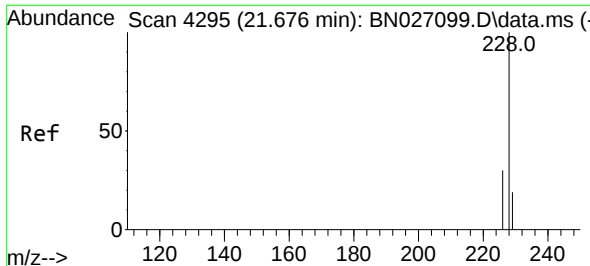
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#21
Benzo(a)anthracene
Concen: 0.302 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55

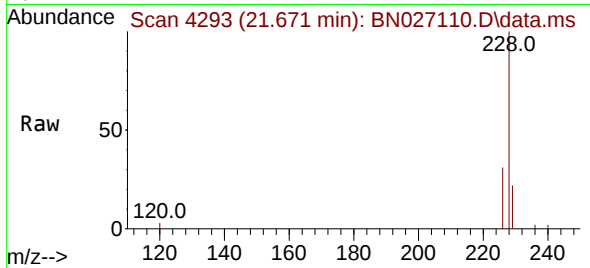
Tgt Ion:228 Resp: 28225
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 28.7 22.2 33.2





#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.671 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55

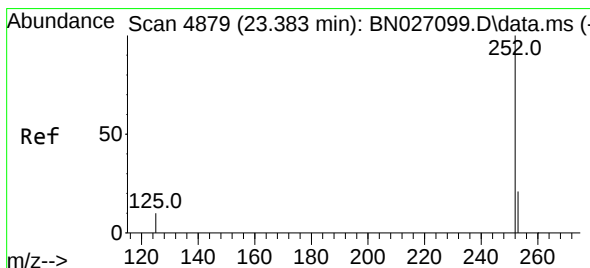
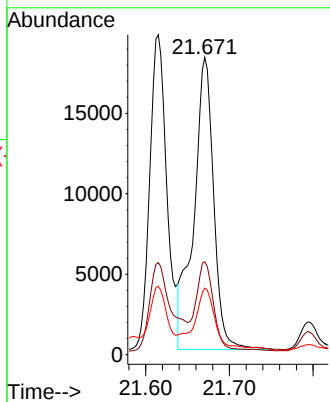
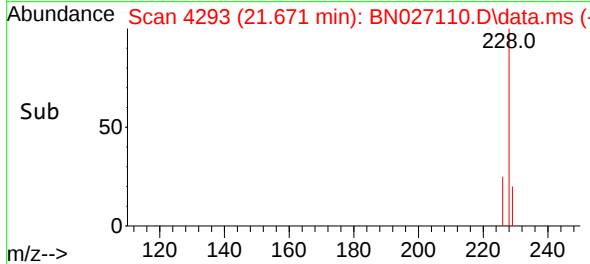
Instrument :
BNA_N
ClientSampleId :
A48Q1DL



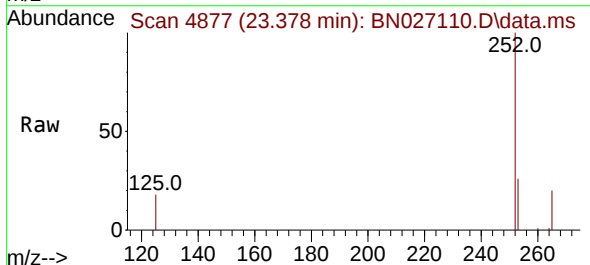
Tgt Ion:228 Resp: 3002
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 22.4 15.8 23.6

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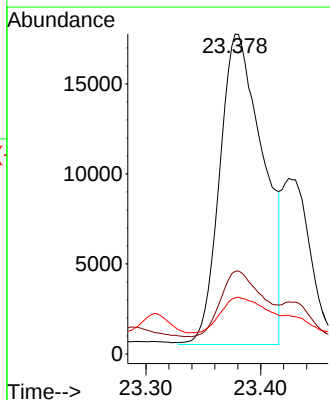
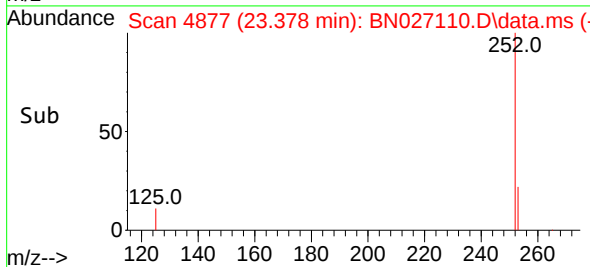
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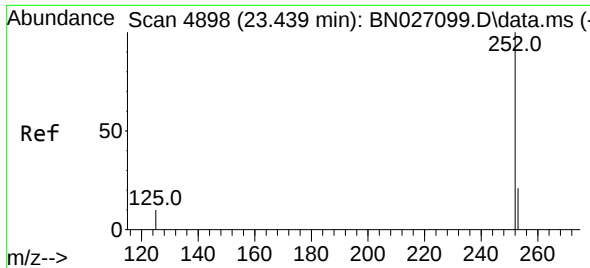


#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul m
RT: 23.378 min Scan# 4877
Delta R.T. -0.009 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55



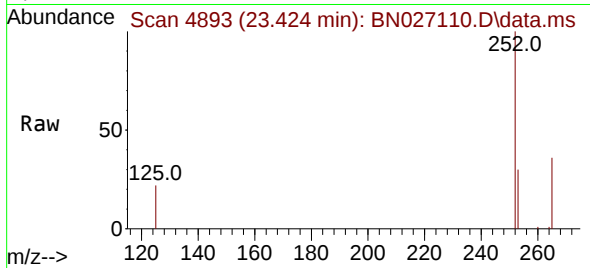
Tgt Ion:252 Resp: 45336
Ion Ratio Lower Upper
252 100
253 25.8 0.0 46.8
125 17.6 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.424 min Scan# 4898
Delta R.T. -0.015 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55

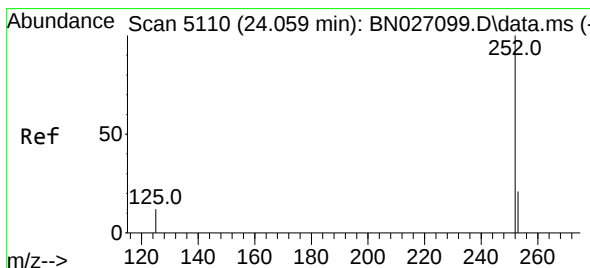
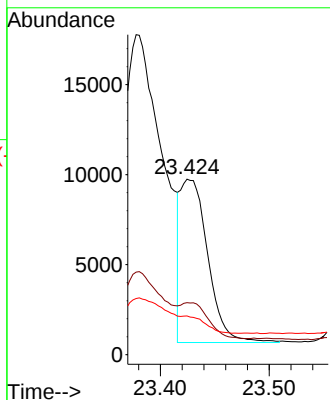
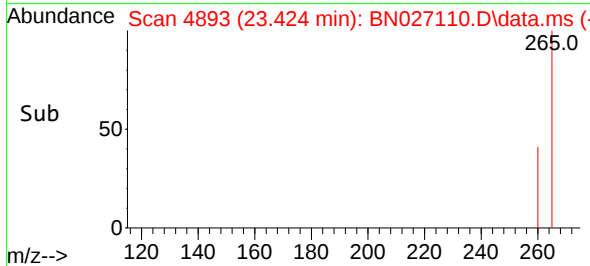
Instrument :
BNA_N
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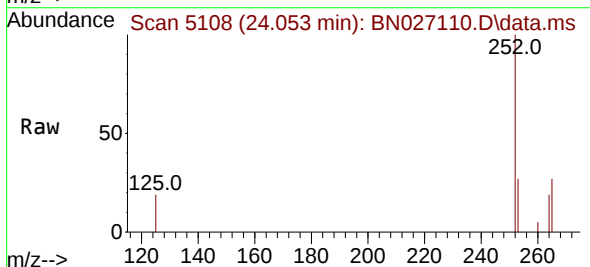
Tgt Ion:252 Resp: 15809
Ion Ratio Lower Upper
252 100
253 29.6 18.2 27.4
125 22.0 9.9 14.9

Manual Integrations
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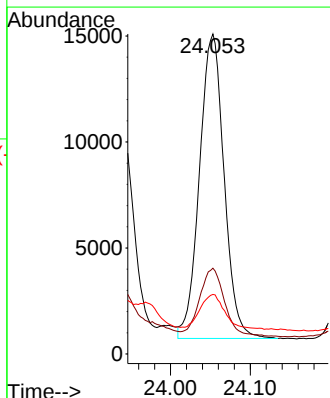
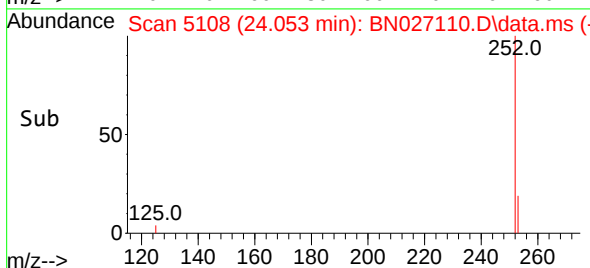
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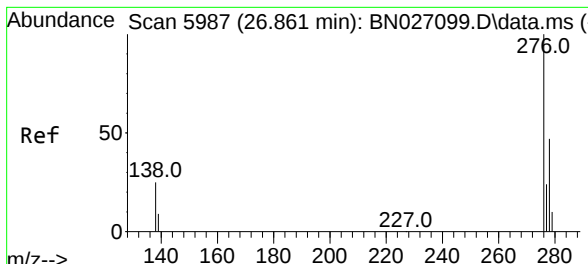


#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 24.053 min Scan# 5108
Delta R.T. -0.009 min
Lab File: BN027110.D
Acq: 24 Aug 2023 22:55



Tgt Ion:252 Resp: 30825
Ion Ratio Lower Upper
252 100
253 26.8 19.0 28.6
125 18.6 11.4 17.0



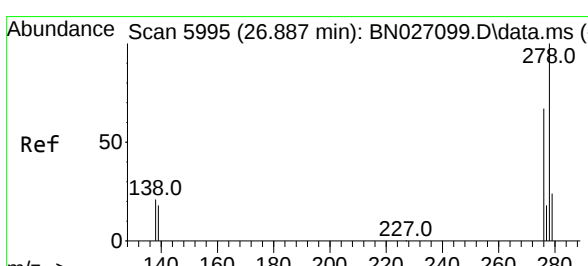
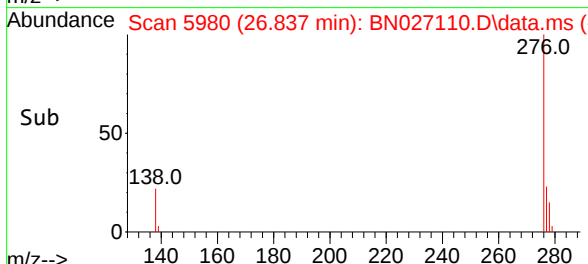
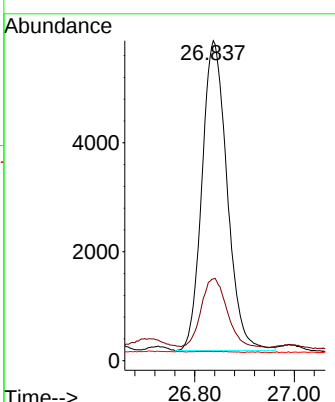
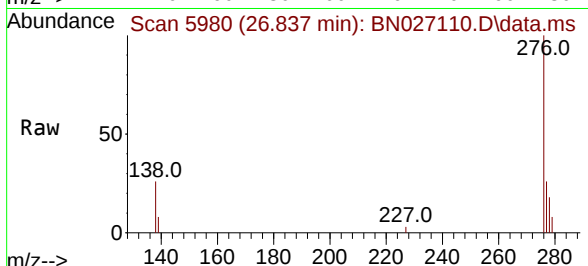


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.175 ng/ul
 RT: 26.837 min Scan# 5980
 Delta R.T. -0.017 min
 Lab File: BN027110.D
 Acq: 24 Aug 2023 22:55

Instrument : BNA_N
 ClientSampleId : A48Q1DL

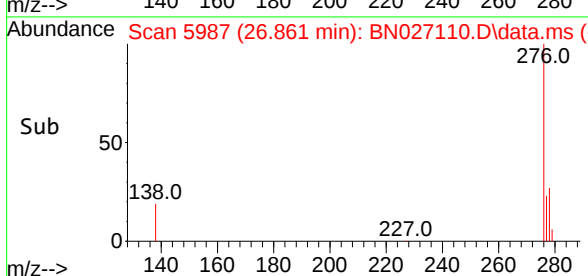
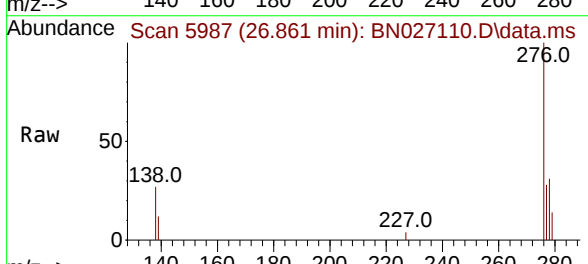
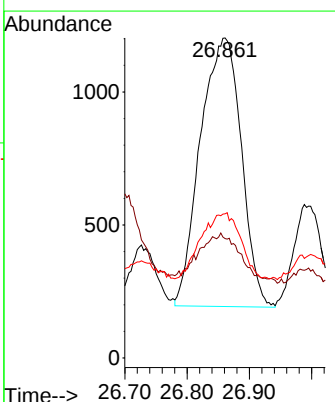
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Ion Ratio	Lower	Upper	
276	100		
138	23.0	21.6	32.4
227	0.0	0.0	0.0

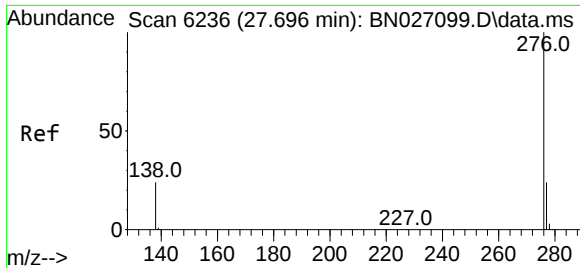
Manual Integrations
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 Supervised By :mohammad ahmed 08/25/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.051 ng/ul
 RT: 26.861 min Scan# 5987
 Delta R.T. -0.023 min
 Lab File: BN027110.D
 Acq: 24 Aug 2023 22:55

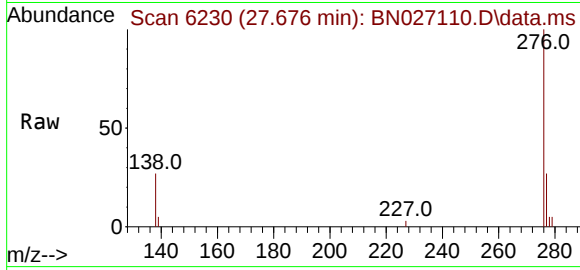
Tgt Ion:	278	Resp:	4609
Ion Ratio	Lower	Upper	
278	100		
139	37.3	15.7	23.5#
279	45.1	20.2	30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.196 ng/ul
 RT: 27.676 min Scan# 61
 Delta R.T. -0.020 min
 Lab File: BN027110.D
 Acq: 24 Aug 2023 22:55

Instrument :
 BNA_N
 ClientSampleId :
 A48Q1DL



Tgt Ion:	276	Resp:	1863
Ion Ratio	Lower	Upper	
276	100		
138	27.2	19.3	28.9
277	26.8	19.8	29.8

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