

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026001.D
 Acq On : 24 Jun 2023 11:58
 Operator : MA/JU
 Sample : 03085-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:49:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6800	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	22127	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	13625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	29701	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	19500	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	16947	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	12739	1.664	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	4265	0.125	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	10071	0.136	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	1462	0.023	ng/ul#	79
15) Phenanthrene	17.402	178	10920	0.111	ng/ul	97
16) Anthracene	17.490	178	1951	0.022	ng/ul#	78
19) Fluoranthene	19.414	202	34410	0.330	ng/ul	98
20) Pyrene	19.777	202	29195m	0.269	ng/ul	
21) Benzo(a)anthracene	21.529	228	14355	0.178	ng/ul	94
22) Chrysene	21.581	228	19409	0.232	ng/ul#	94
24) Benzo(b)fluoranthene	23.259	252	26744m	0.370	ng/ul	
25) Benzo(k)fluoranthene	23.300	252	8711m	0.120	ng/ul	
26) Benzo(a)pyrene	23.905	252	14499	0.231	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.598	276	13422	0.196	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.608	278	3158	0.061	ng/ul#	32
29) Benzo(g,h,i)perylene	27.399	276	13041	0.214	ng/ul#	91

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

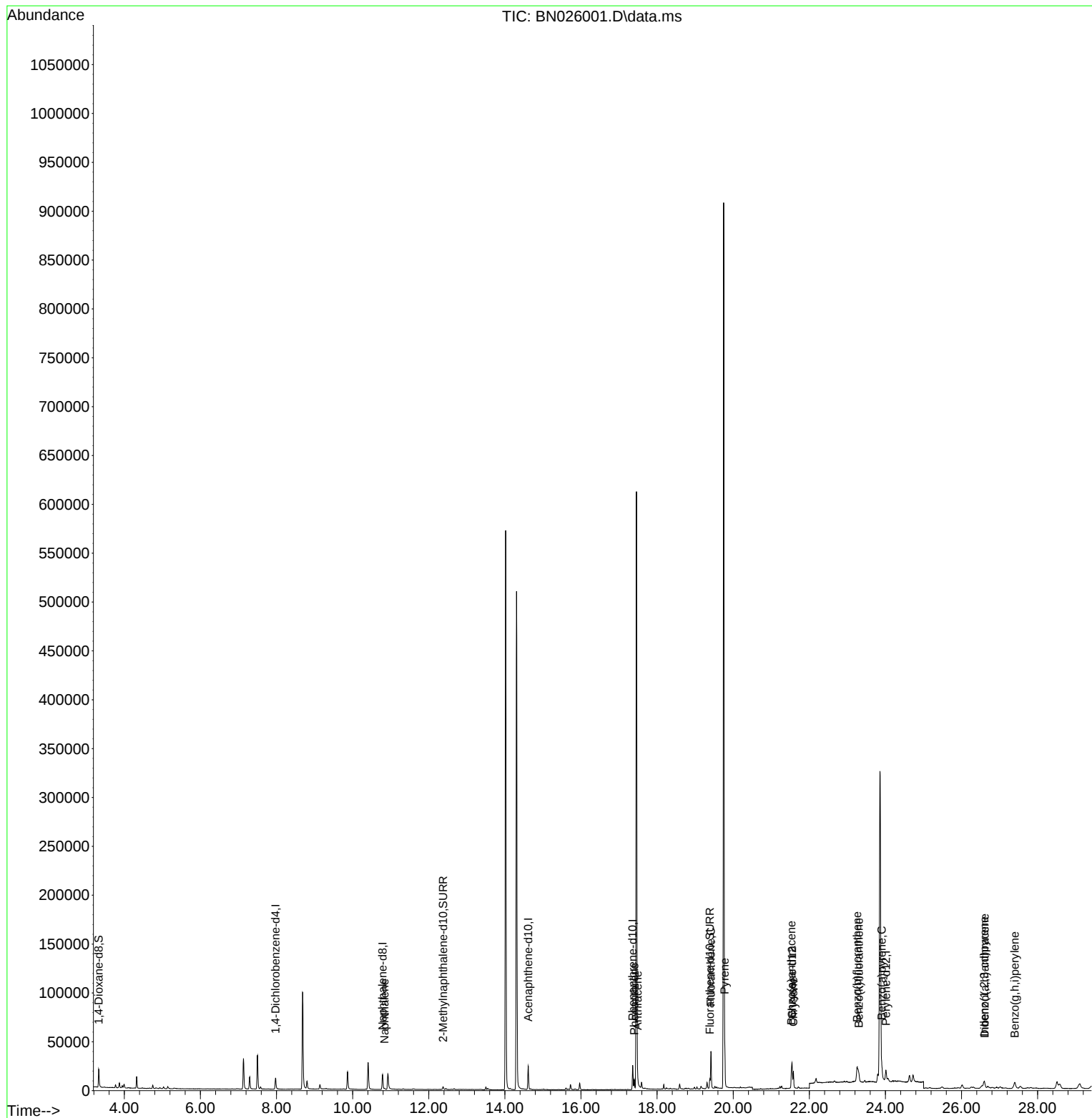
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026001.D
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ALS Vial : 29 Sample Multiplier: 1

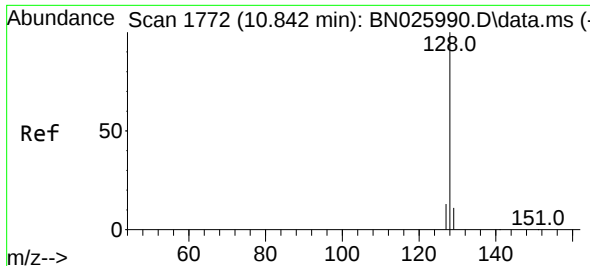
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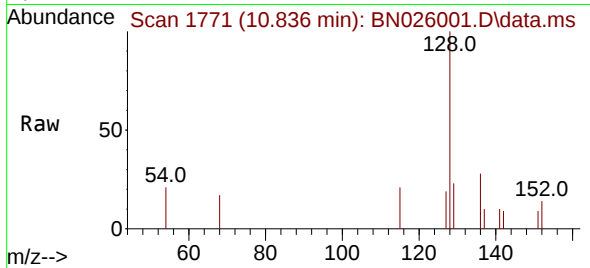
Quant Time: Jun 24 23:49:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
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#5
Naphthalene
Concen: 0.023 ng/uI
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

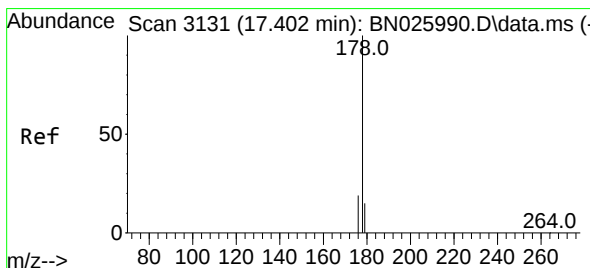
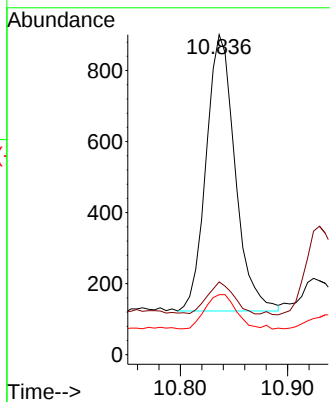
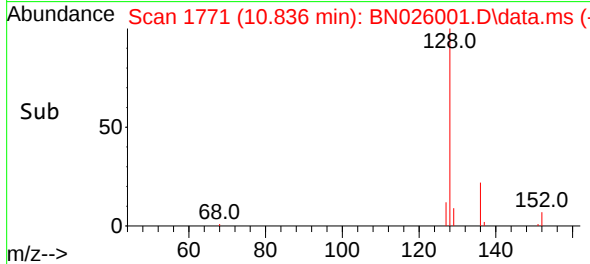
Instrument :
BNA_N
ClientSampleId :
DCFP6



Tgt Ion:128 Resp: 1462
Ion Ratio Lower Upper
128 100
129 22.8 9.1 13.7
127 18.8 10.7 16.1

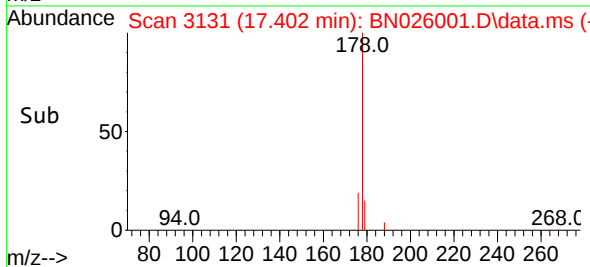
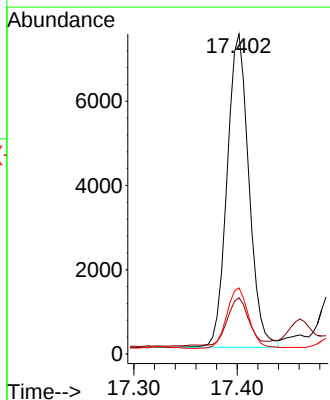
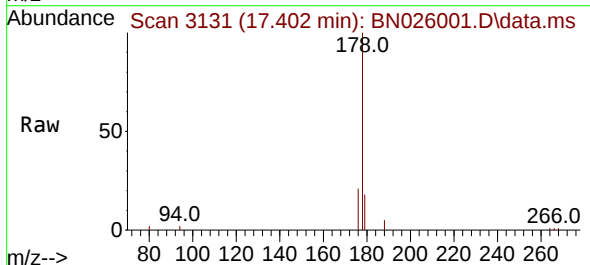
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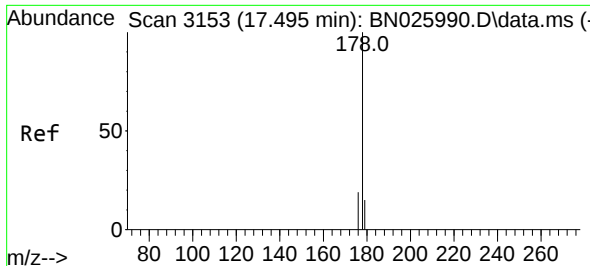
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#15
Phenanthrene
Concen: 0.111 ng/uI
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

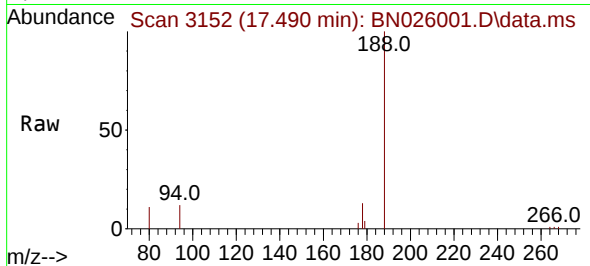
Tgt Ion:178 Resp: 10920
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 20.6 15.8 23.6





#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.490 min Scan# 3153
 Delta R.T. -0.009 min
 Lab File: BN026001.D
 Acq: 24 Jun 2023 11:58

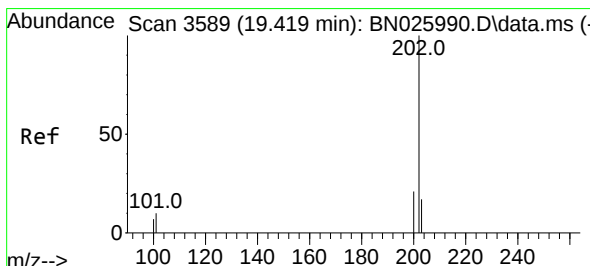
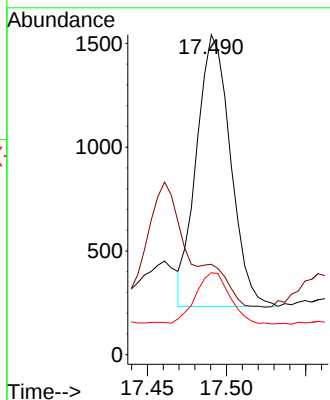
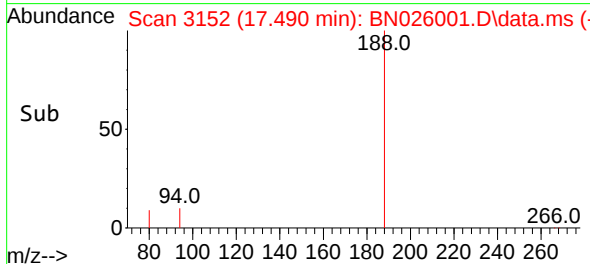
Instrument :
 BNA_N
 ClientSampleId :
 DCFP6



Tgt Ion:178 Resp: 195
 Ion Ratio Lower Upper
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 179 28.3 12.6 18.8
 176 25.6 15.1 22.7

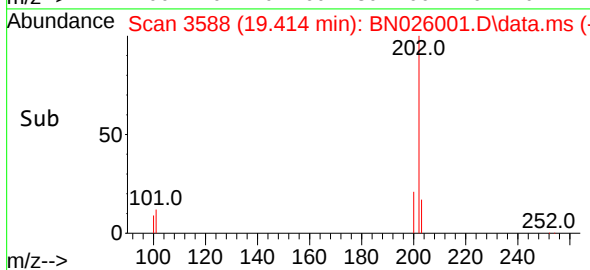
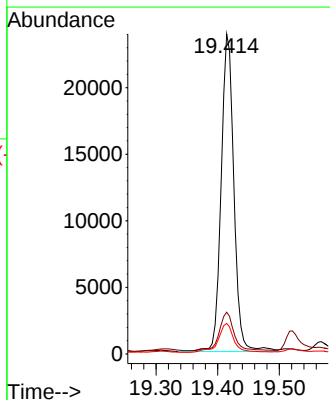
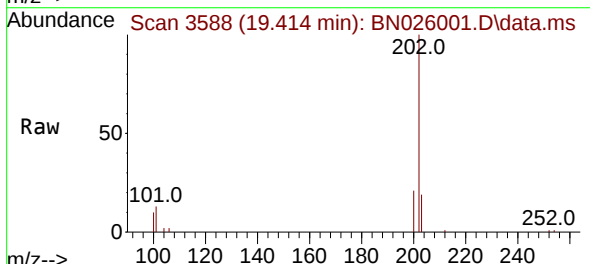
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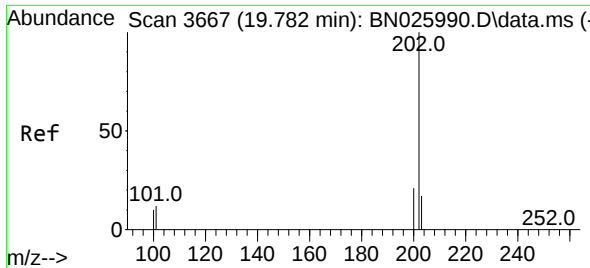
Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023



#19
 Fluoranthene
 Concen: 0.330 ng/ul
 RT: 19.414 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BN026001.D
 Acq: 24 Jun 2023 11:58

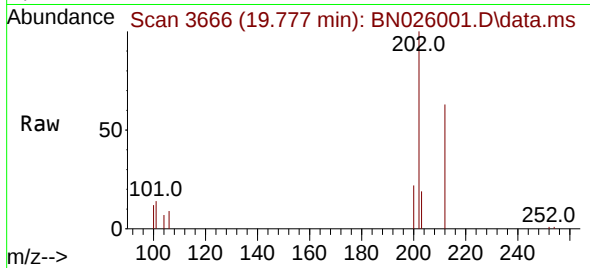
Tgt Ion:202 Resp: 34410
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.5 14.3
 100 9.6 7.3 10.9





#20
Pyrene
Concen: 0.269 ng/ul m
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

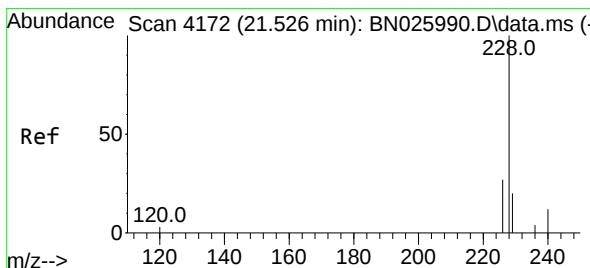
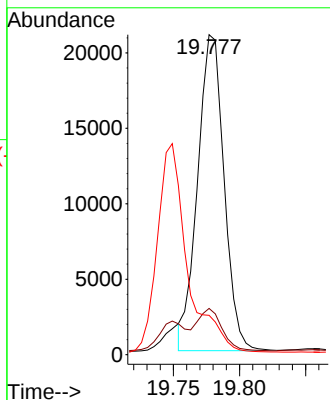
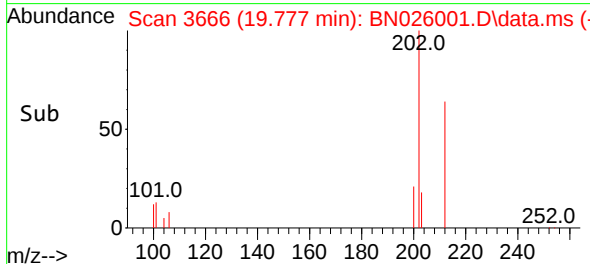
Instrument :
BNA_N
ClientSampleId :
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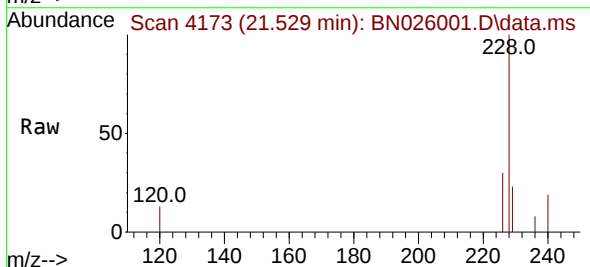
Tgt Ion:202 Resp: 2919
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 12.3 9.1 13.7

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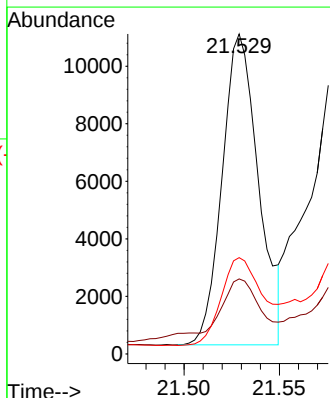
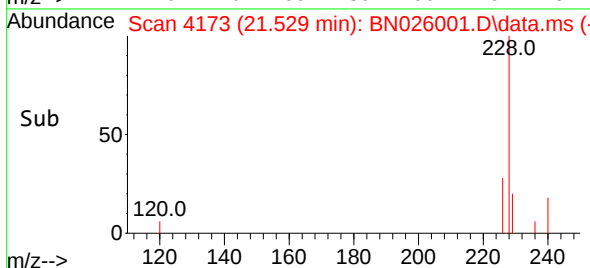
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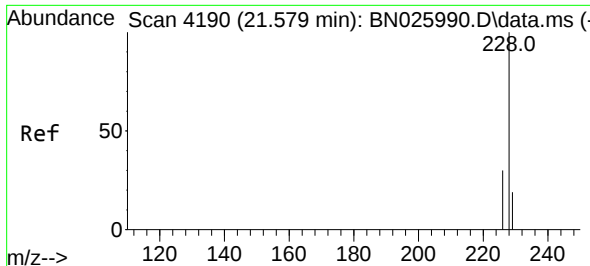


#21
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58



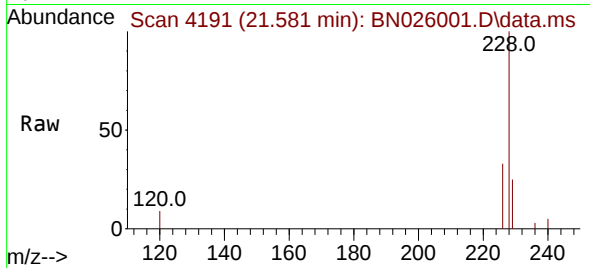
Tgt Ion:228 Resp: 14355
Ion Ratio Lower Upper
228 100
229 23.5 15.8 23.6
226 30.1 22.5 33.7





#22
Chrysene
Concen: 0.232 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

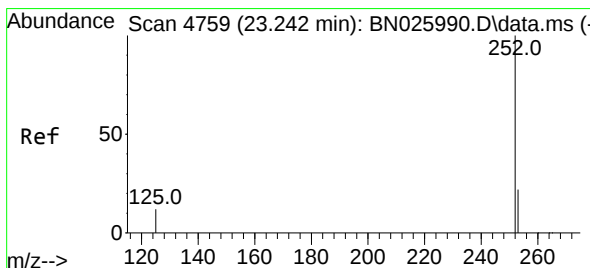
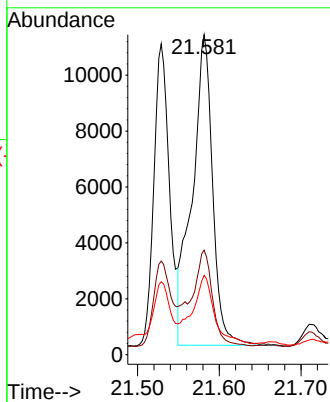
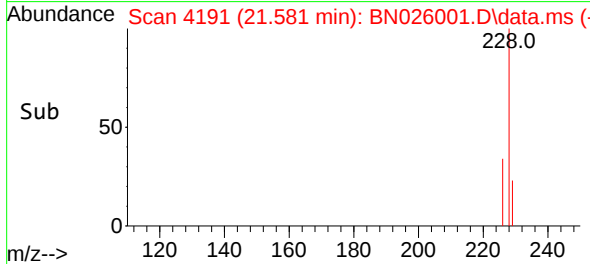
Instrument :
BNA_N
ClientSampleId :
DCFP6



Tgt Ion:228 Resp: 19409
Ion Ratio Lower Upper
228 100
226 32.7 24.8 37.2
229 24.8 15.7 23.5

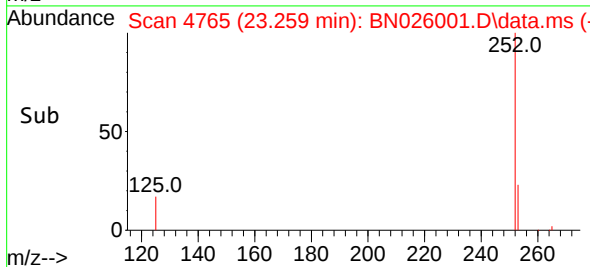
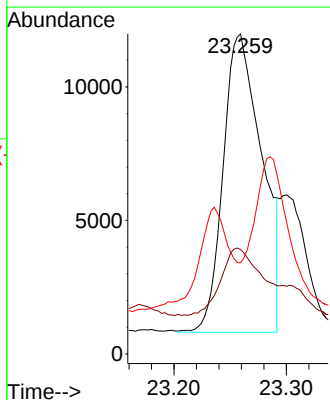
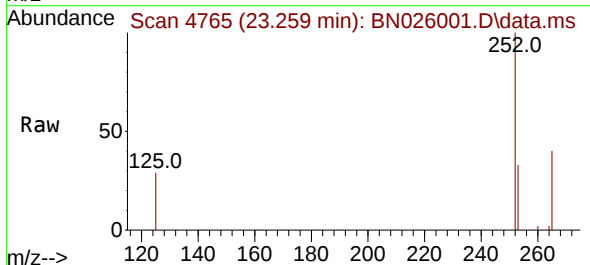
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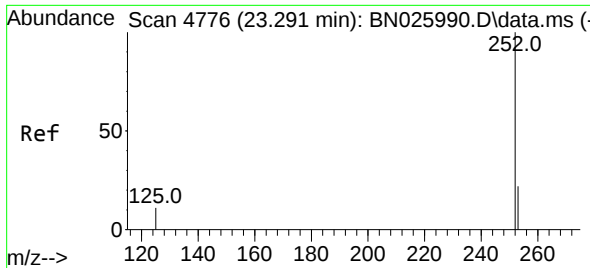
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

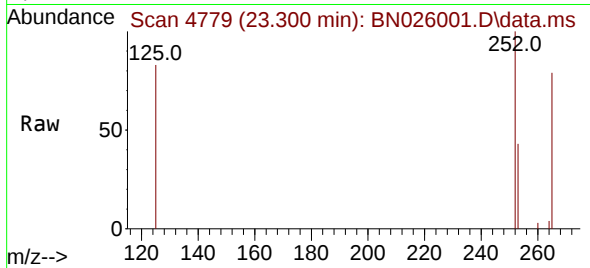
Tgt Ion:252 Resp: 26744
Ion Ratio Lower Upper
252 100
253 32.7 0.0 55.6
125 28.5 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 23.300 min Scan# 4776
Delta R.T. -0.009 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

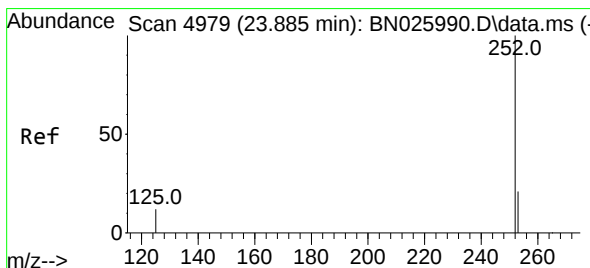
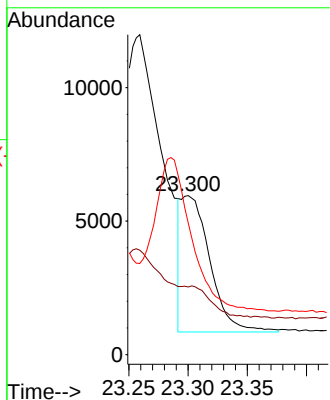
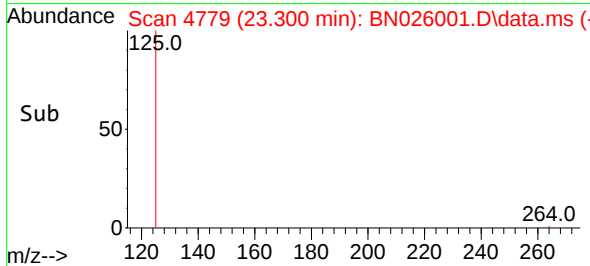
Instrument :
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Tgt Ion:252 Resp: 871
Ion Ratio Lower Upper
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253 42.5 23.2 34.8
125 82.7 15.0 22.4

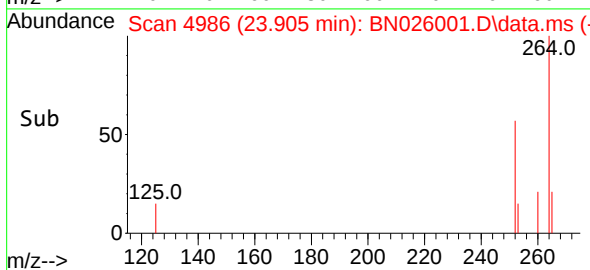
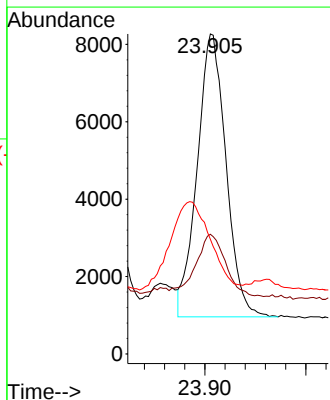
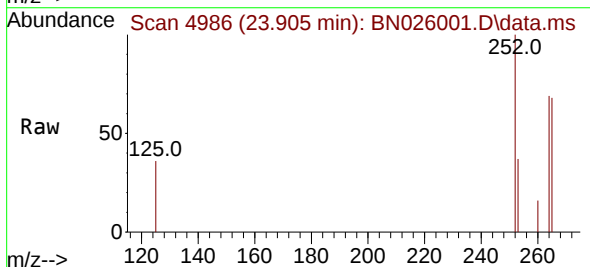
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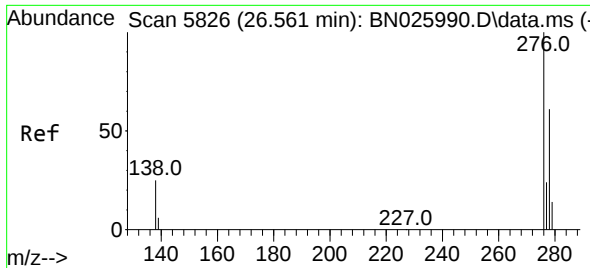
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#26
Benzo(a)pyrene
Concen: 0.231 ng/ul
RT: 23.905 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

Tgt Ion:252 Resp: 14499
Ion Ratio Lower Upper
252 100
253 37.4 26.0 39.0
125 35.9 17.3 25.9





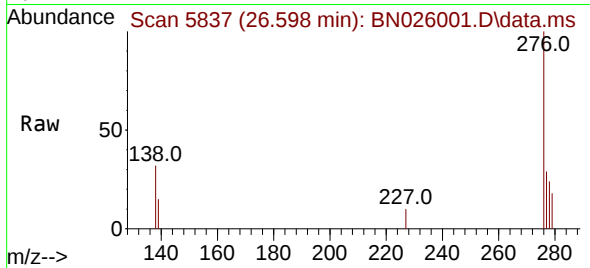
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.196 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.003 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

Instrument :

BNA_N

ClientSampleId :

DCFP6

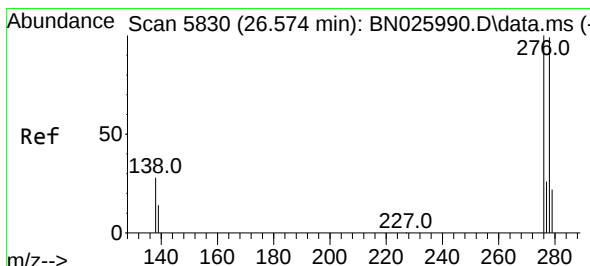
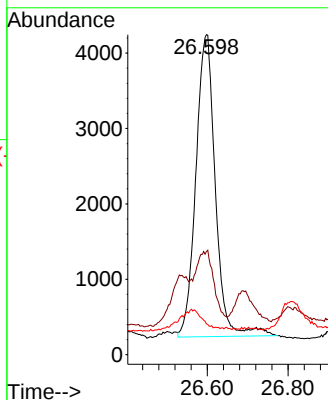
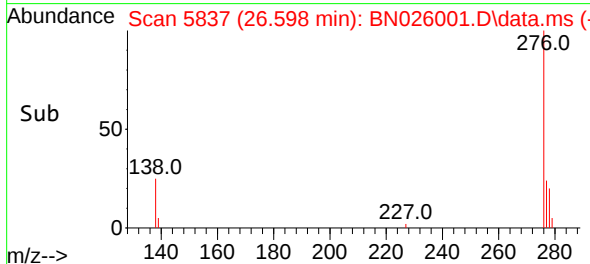


Tgt Ion:276 Resp: 1342
Ion Ratio Lower Upper
276 100
138 21.4 24.5 36.7#
227 0.0 0.0 0.0

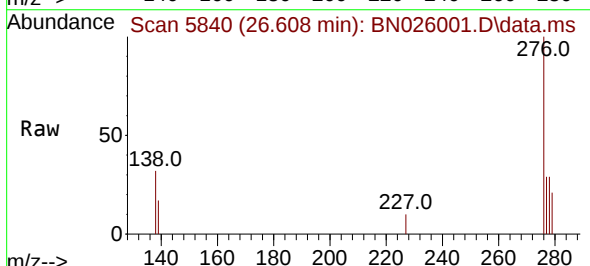
Manual Integrations

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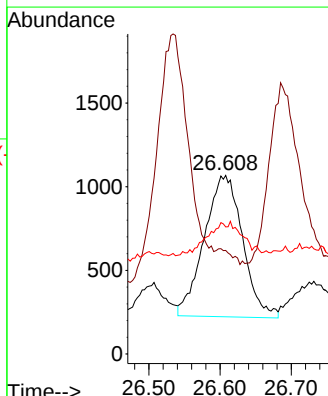
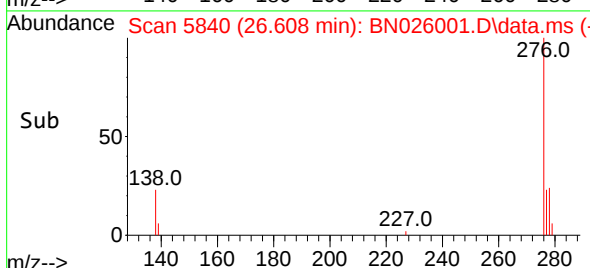
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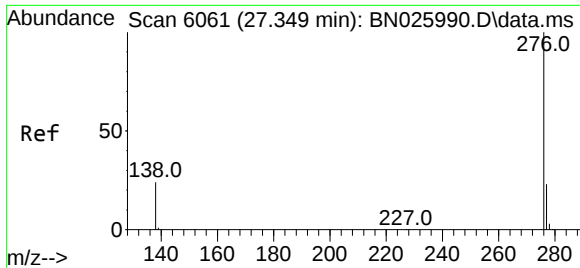


#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. -0.014 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58



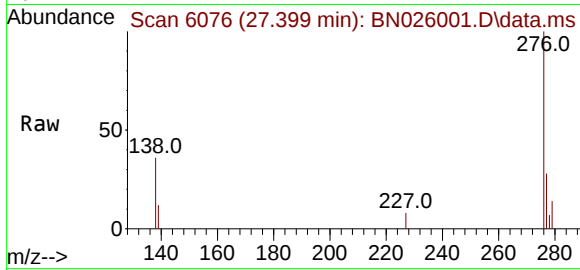
Tgt Ion:278 Resp: 3158
Ion Ratio Lower Upper
278 100
139 58.0 19.0 28.4#
279 71.2 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.214 ng/ul
RT: 27.399 min Scan# 6061
Delta R.T. 0.013 min
Lab File: BN026001.D
Acq: 24 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:276 Resp: 1304
Ion Ratio Lower Upper
276 100
138 35.8 23.4 35.0
277 28.1 20.0 30.0

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