

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026012.D
 Acq On : 24 Jun 2023 19:14
 Operator : MA/JU
 Sample : 03085-16DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ2DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:50:50 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	7176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	23365	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.616	164	14386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	31275	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	21657	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	17137	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2023	0.250	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.387	152	621	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	1571	0.019	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.841	128	1470	0.022	ng/ul#	78
10) Acenaphthylene	14.334	152	5093	0.076	ng/ul#	94
15) Phenanthrene	17.402	178	21419	0.207	ng/ul	99
16) Anthracene	17.494	178	5994	0.065	ng/ul#	92
19) Fluoranthene	19.414	202	85601	0.740	ng/ul	99
20) Pyrene	19.777	202	77351	0.643	ng/ul	98
21) Benzo(a)anthracene	21.532	228	39952	0.447	ng/ul	96
22) Chrysene	21.581	228	43377	0.467	ng/ul	95
24) Benzo(b)fluoranthene	23.256	252	59360m	0.812	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	21284m	0.290	ng/ul	
26) Benzo(a)pyrene	23.893	252	34166	0.538	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.571	276	27276	0.393	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.588	278	6153	0.117	ng/ul#	68
29) Benzo(g,h,i)perylene	27.366	276	27096	0.439	ng/ul	98

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

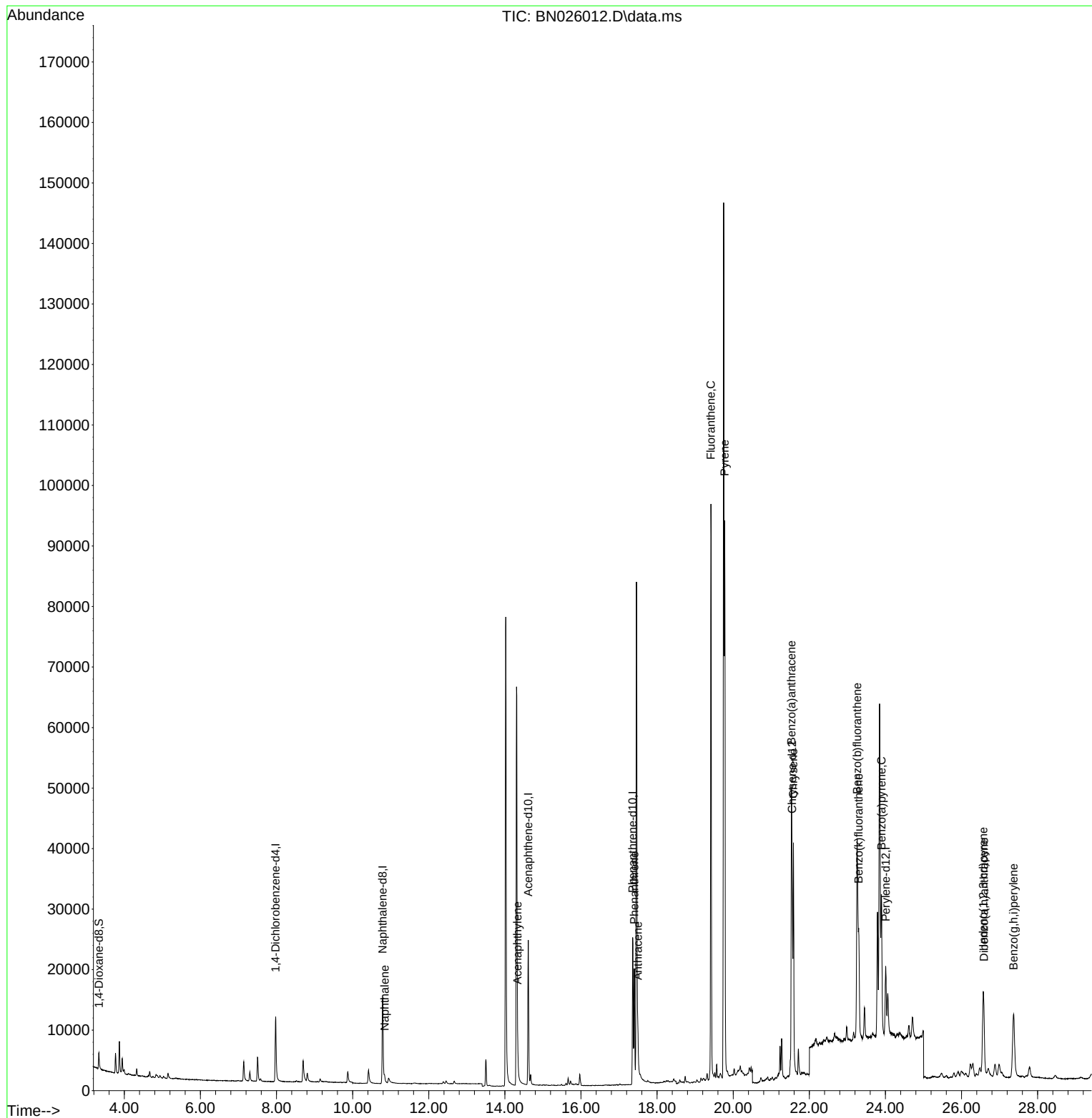
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026012.D
Acq On : 24 Jun 2023 19:14
Operator : MA/JU
Sample : 03085-16DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

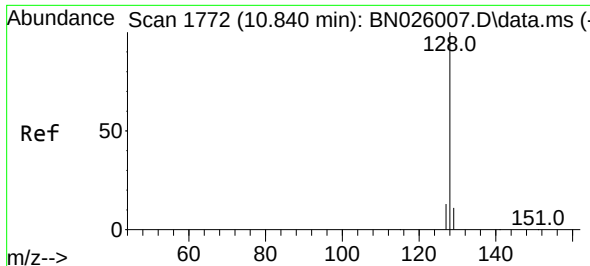
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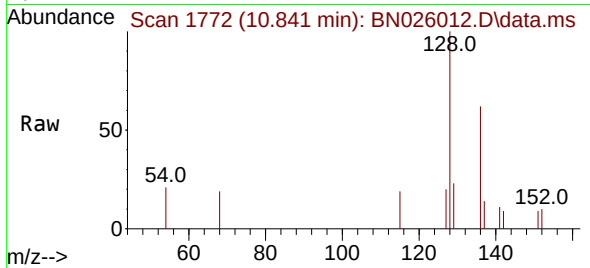
Quant Time: Jun 24 23:50:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

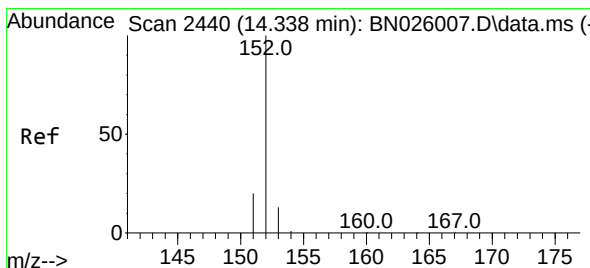
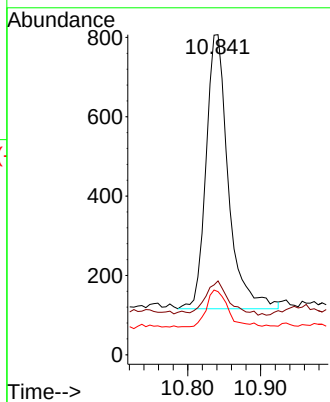
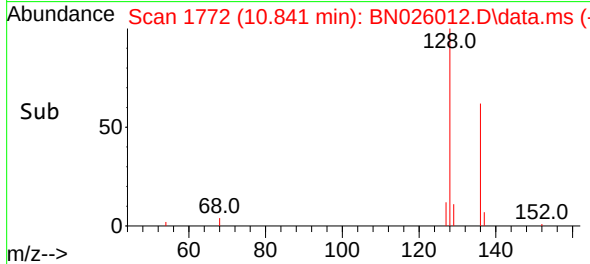
Instrument :
BNA_N
ClientSampleId :
DCFQ2DL



Tgt Ion:128 Resp: 1470
Ion Ratio Lower Upper
128 100
129 23.0 9.1 13.7
127 19.7 10.7 16.1

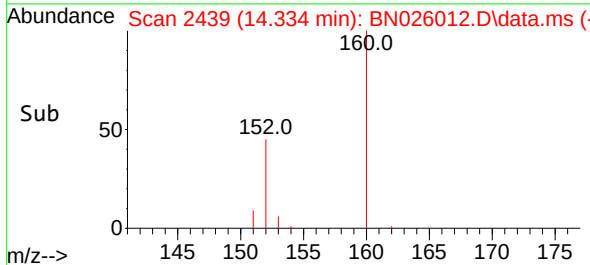
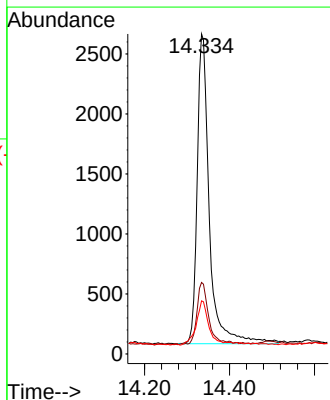
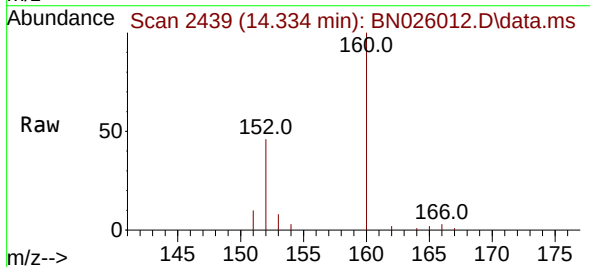
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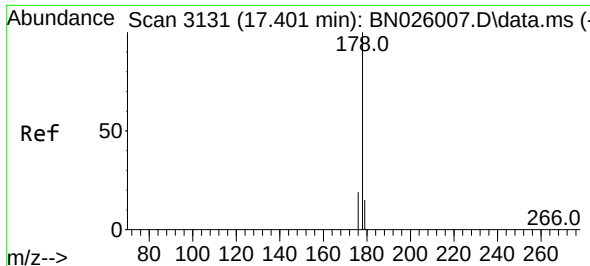
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

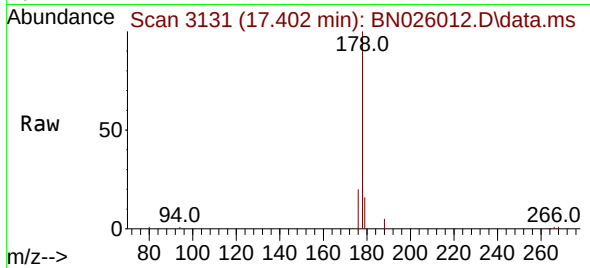
Tgt Ion:152 Resp: 5093
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.4
153 16.6 10.9 16.3





#15
Phenanthrene
Concen: 0.207 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

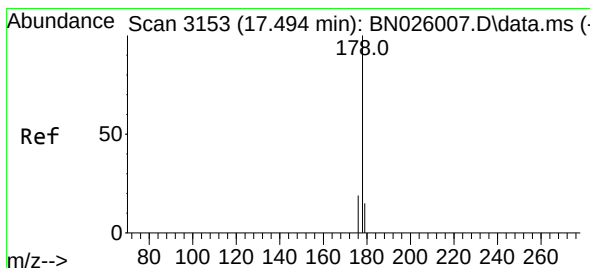
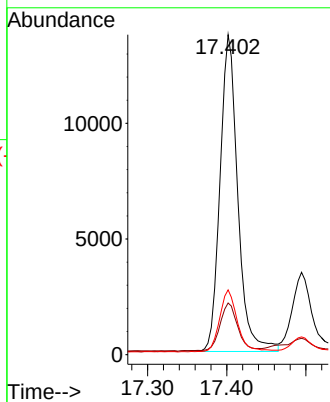
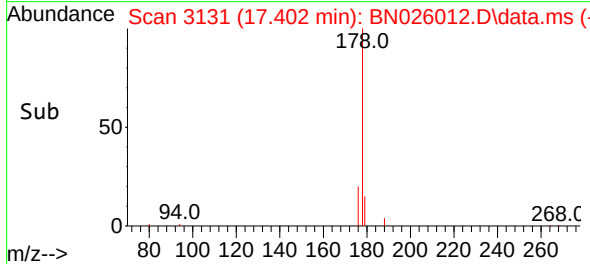
Instrument :
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Tgt Ion:178 Resp: 21419
Ion Ratio Lower Upper
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179 16.1 12.6 19.0
176 20.2 15.8 23.6

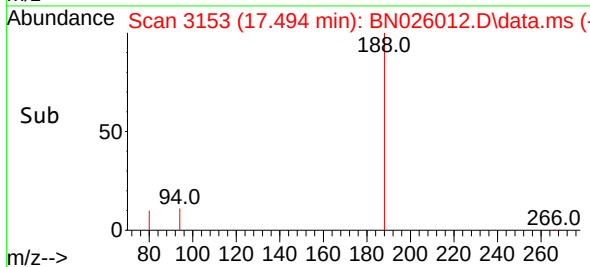
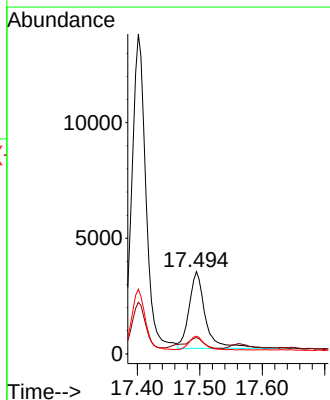
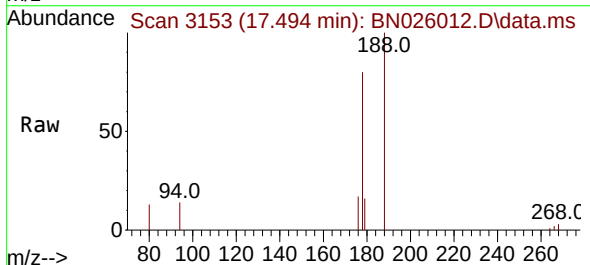
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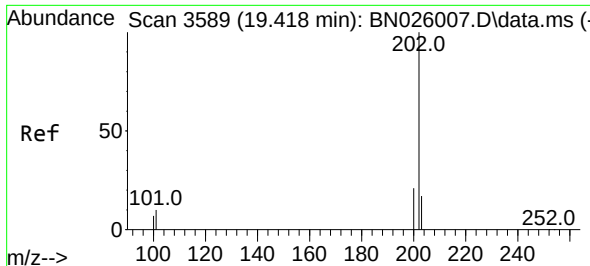
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.065 ng/ul
RT: 17.494 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

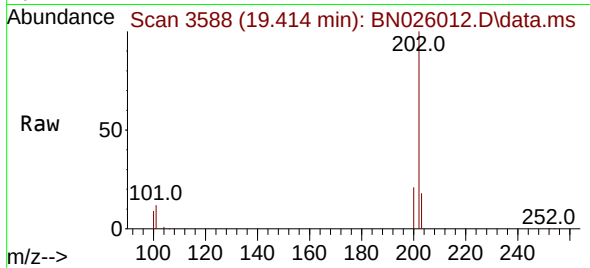
Tgt Ion:178 Resp: 5994
Ion Ratio Lower Upper
178 100
179 19.8 12.6 18.8#
176 21.5 15.1 22.7





#19
Fluoranthene
Concen: 0.740 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

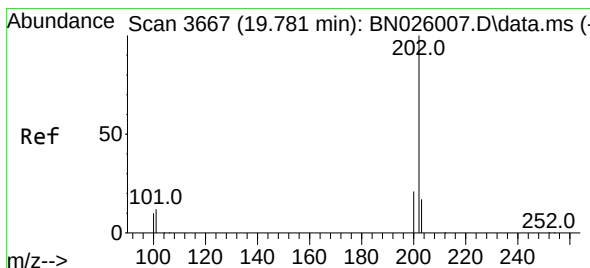
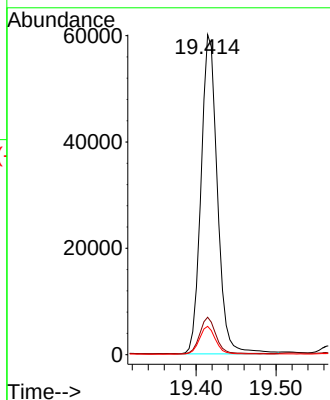
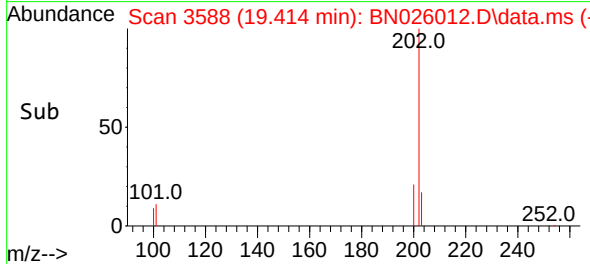
Instrument :
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ClientSampleId :
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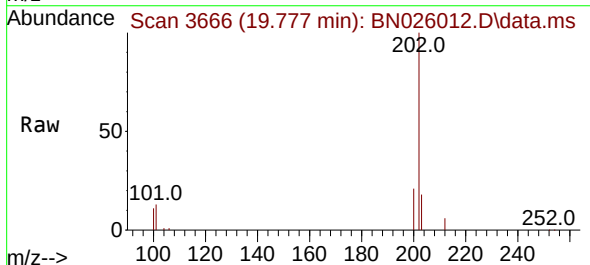
Tgt Ion:202 Resp: 8560
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 8.8 7.3 10.9

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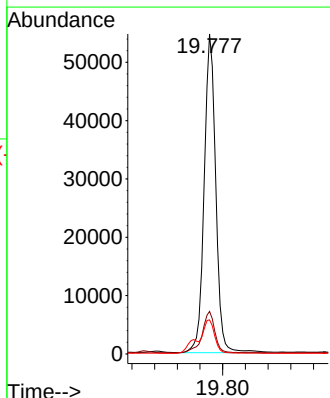
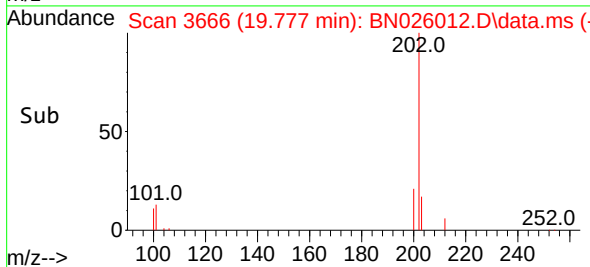
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Supervised By :mohammad ahmed 06/25/2023

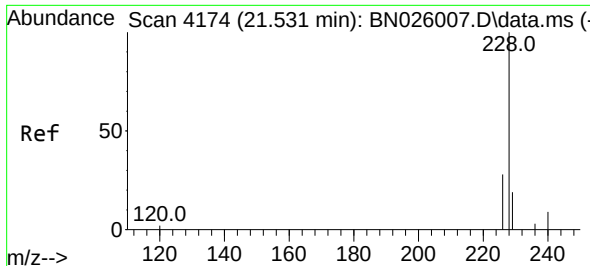


#20
Pyrene
Concen: 0.643 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14



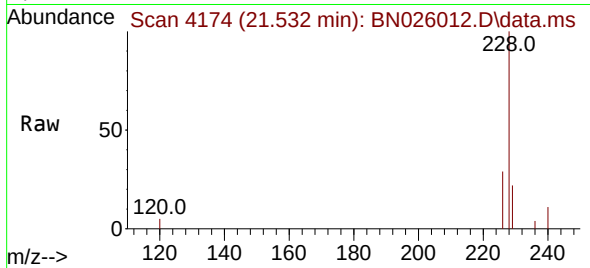
Tgt Ion:202 Resp: 77351
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.447 ng/ul
RT: 21.532 min Scan# 4174
Delta R.T. -0.000 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

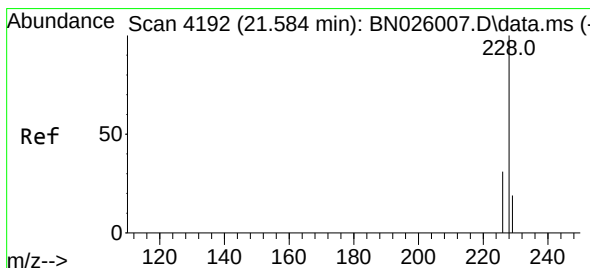
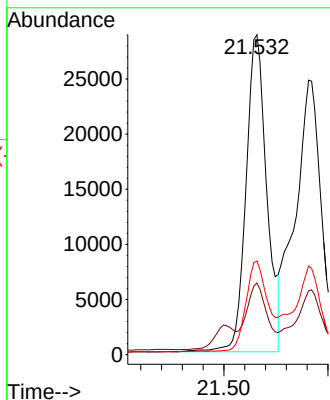
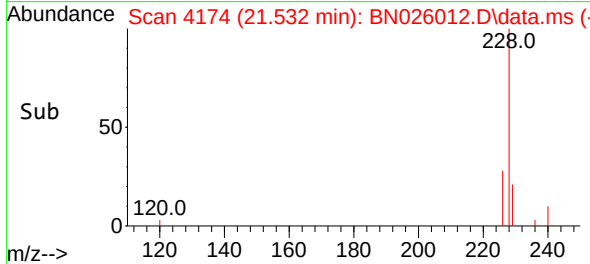
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BNA_N
ClientSampleId :
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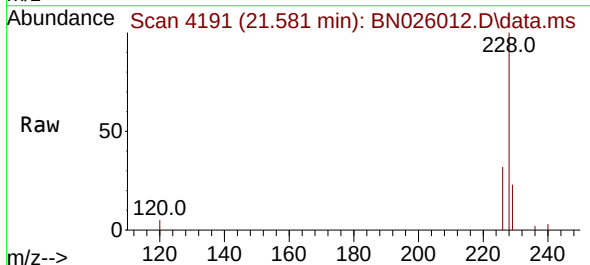
Tgt Ion:228 Resp: 39952
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.6
226 29.3 22.5 33.7

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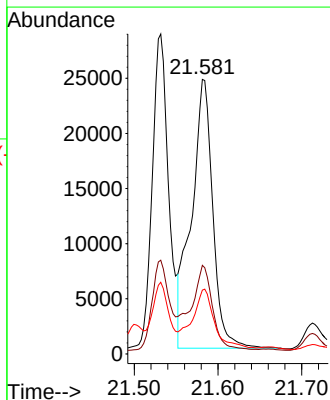
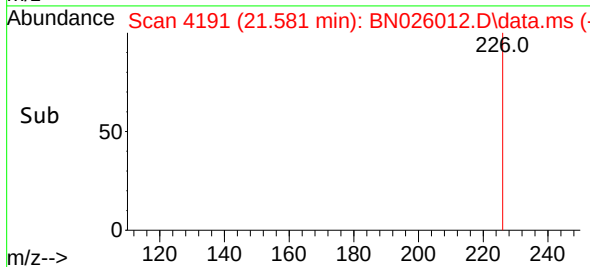
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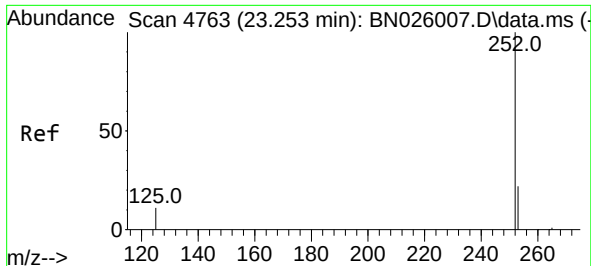


#22
Chrysene
Concen: 0.467 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14



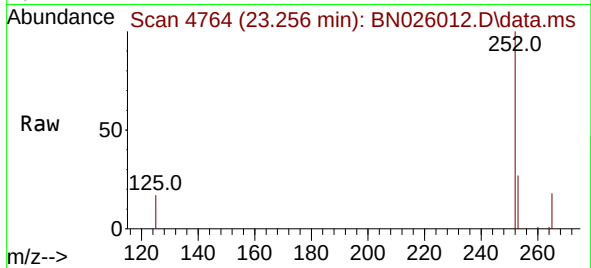
Tgt Ion:228 Resp: 43377
Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 23.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.812 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. -0.000 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

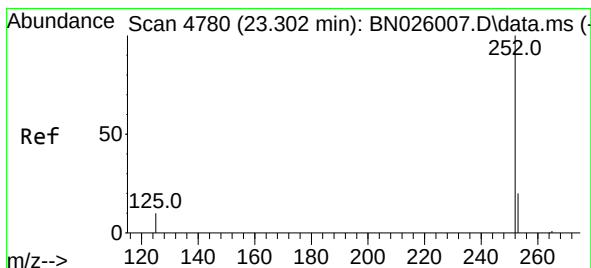
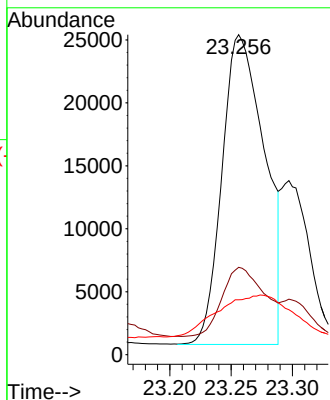
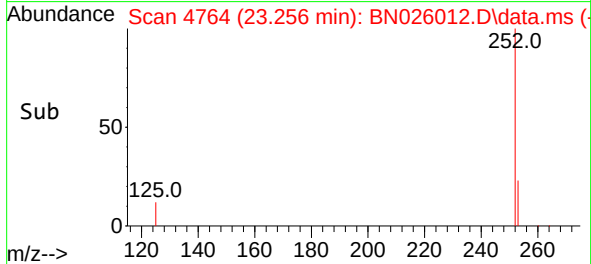
Instrument :
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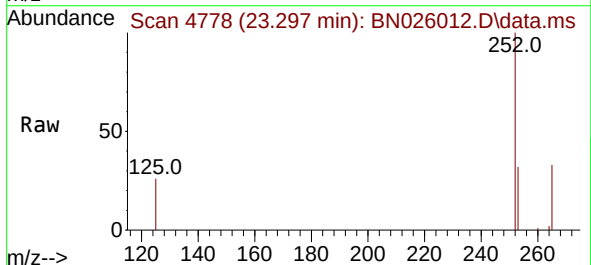
Tgt Ion:252 Resp: 59360
Ion Ratio Lower Upper
252 100
253 27.3 0.0 55.6
125 17.1 0.0 35.8

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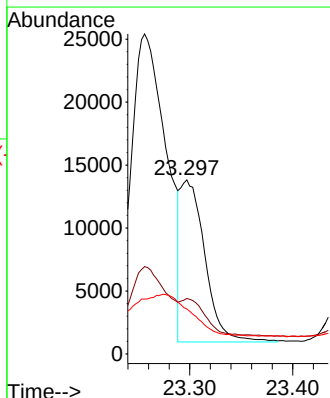
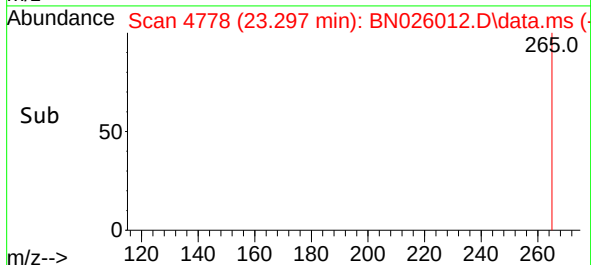
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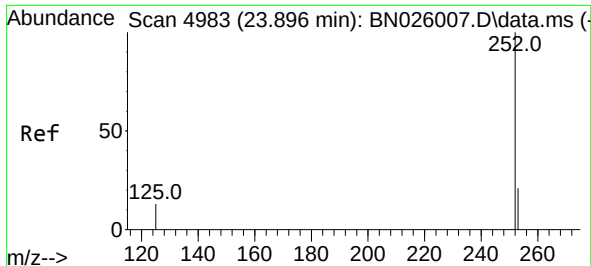


#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.012 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14



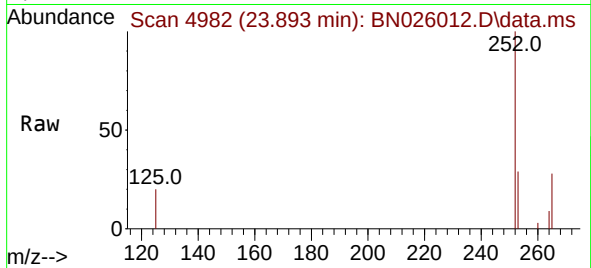
Tgt Ion:252 Resp: 21284
Ion Ratio Lower Upper
252 100
253 31.9 23.2 34.8
125 25.9 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.538 ng/ul
RT: 23.893 min Scan# 4983
Delta R.T. -0.015 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

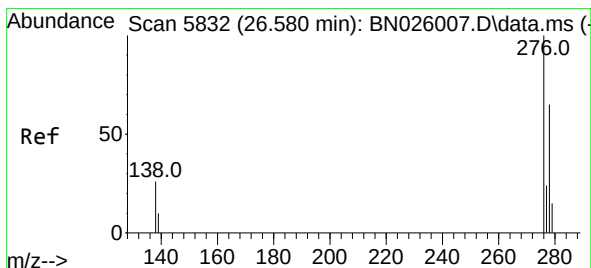
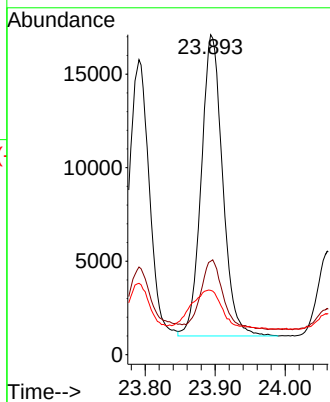
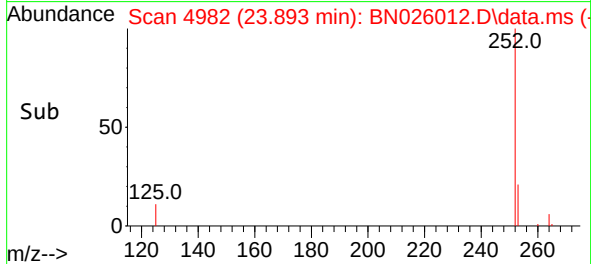
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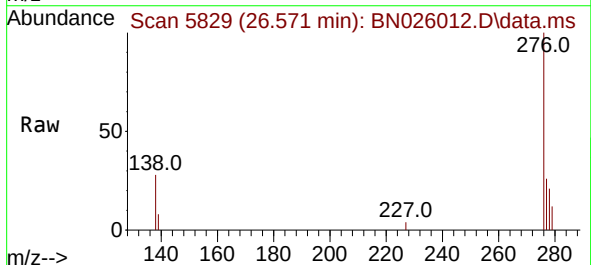
Tgt Ion:252 Resp: 34160
Ion Ratio Lower Upper
252 100
253 29.2 26.0 39.0
125 20.1 17.3 25.9

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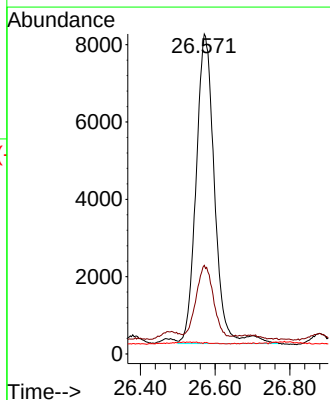
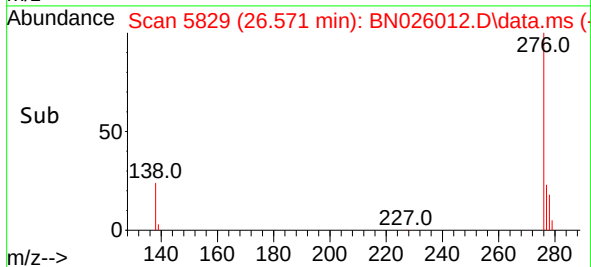
Reviewed By :Yogesh Patel 06/25/2023
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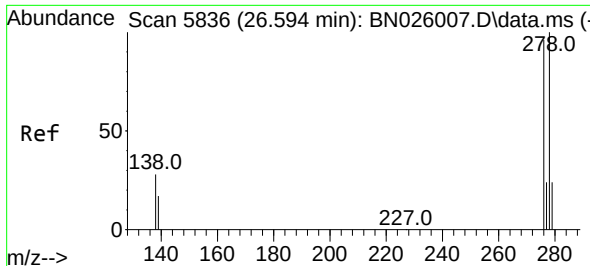


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. -0.024 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14



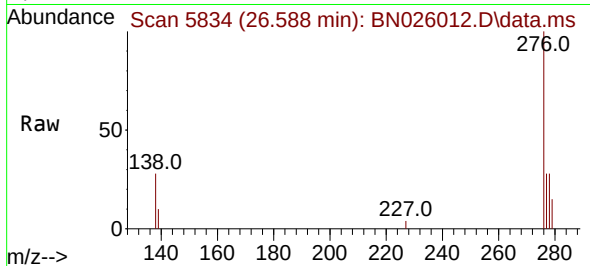
Tgt Ion:276 Resp: 27276
Ion Ratio Lower Upper
276 100
138 21.7 24.5 36.7#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.034 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

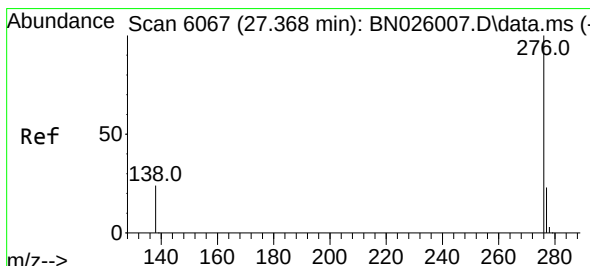
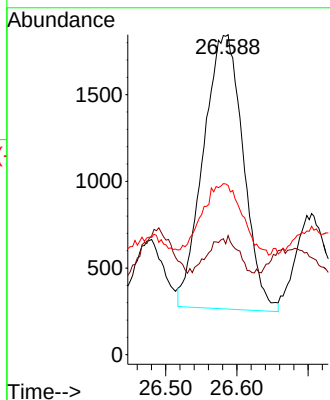
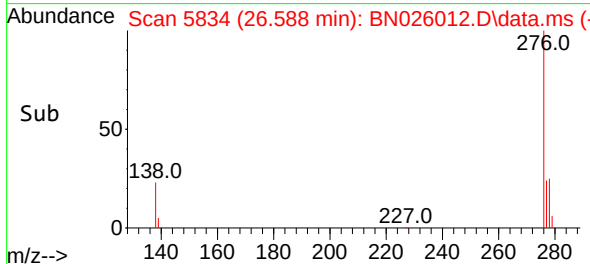
Instrument :
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Tgt Ion:278 Resp: 615
Ion Ratio Lower Upper
278 100
139 37.2 19.0 28.4
279 52.9 26.7 40.1

Manual Integrations
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Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 27.366 min Scan# 6066
Delta R.T. -0.020 min
Lab File: BN026012.D
Acq: 24 Jun 2023 19:14

Tgt Ion:276 Resp: 27096
Ion Ratio Lower Upper
276 100
138 28.4 23.4 35.0
277 26.3 20.0 30.0

