

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026609.D
 Acq On : 21 Jul 2023 02:18
 Operator : MA/JU
 Sample : 03501-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 03:42:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2176	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.641	136	7348	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.471	164	4793	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	13324	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	11257	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	11133	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1295	0.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	645	0.065	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	2034	0.052	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.685	128	519	0.026	ng/ul#	57
10) Acenaphthylene	14.194	152	996	0.042	ng/ul#	75
11) Acenaphthene	14.536	153	865	0.048	ng/ul	96
12) Fluorene	15.522	166	1445	0.077	ng/ul#	98
15) Phenanthrene	17.261	178	21418	0.505	ng/ul	98
16) Anthracene	17.350	178	3809	0.103	ng/ul#	93
19) Fluoranthene	19.278	202	41087	0.779	ng/ul	98
20) Pyrene	19.641	202	12263	0.214	ng/ul#	94
21) Benzo(a)anthracene	21.393	228	19498	0.471	ng/ul	99
22) Chrysene	21.446	228	16951	0.360	ng/ul	95
24) Benzo(b)fluoranthene	23.059	252	19450m	0.448	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	9597m	0.211	ng/ul	
26) Benzo(a)pyrene	23.673	252	1753	0.045	ng/ul#	15
27) Indeno(1,2,3-cd)pyrene	26.237	276	2676	0.053	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.237	278	2332	0.060	ng/ul#	45

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

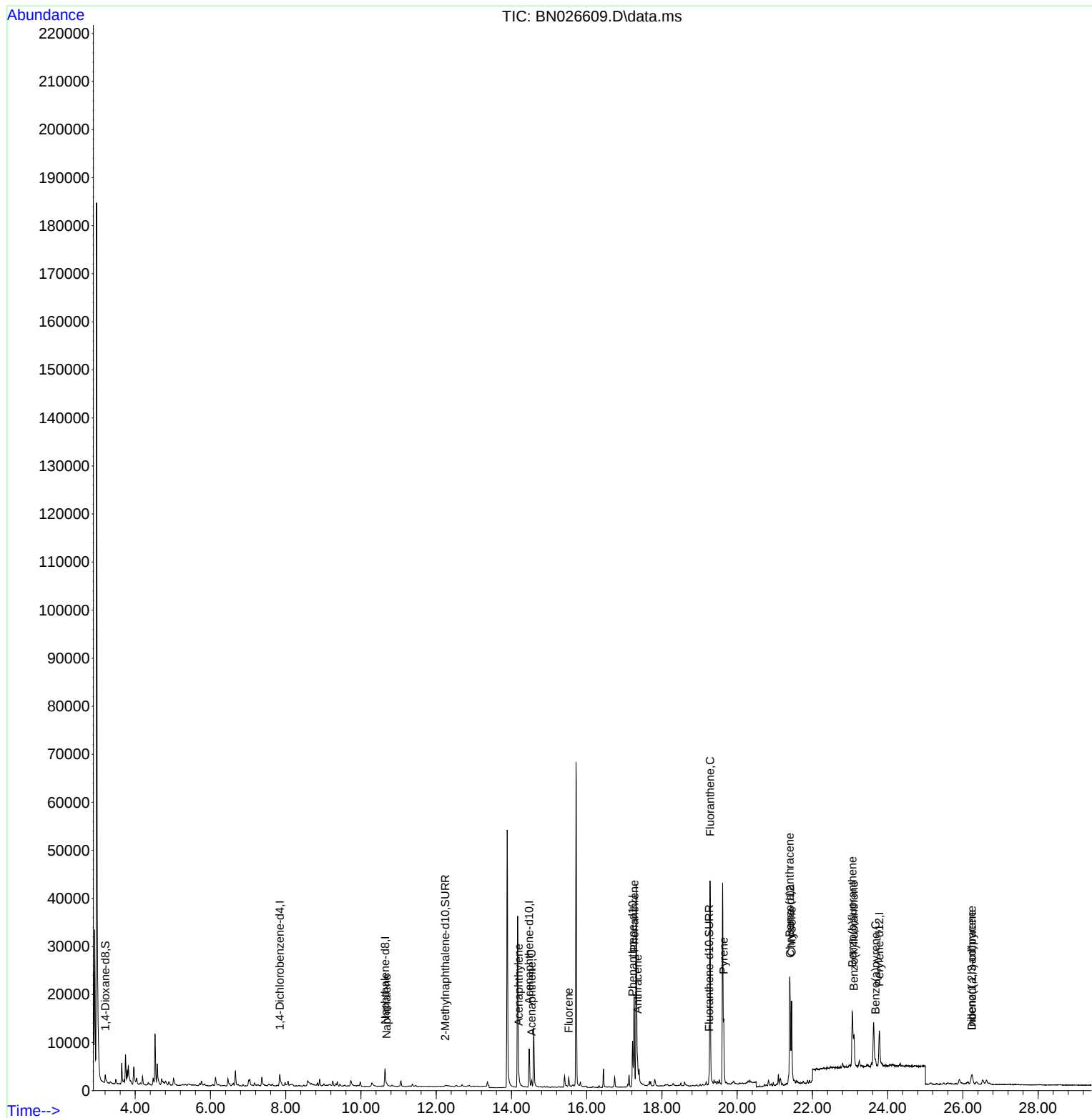
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026609.D
Acq On : 21 Jul 2023 02:18
Operator : MA/JU
Sample : 03501-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

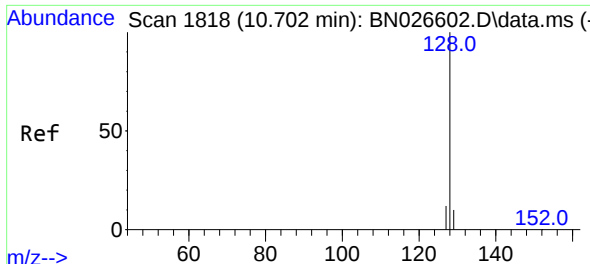
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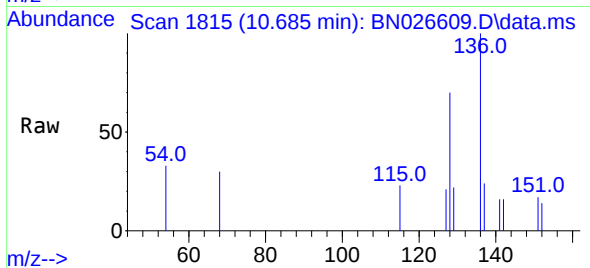
Quant Time: Jul 21 03:42:41 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

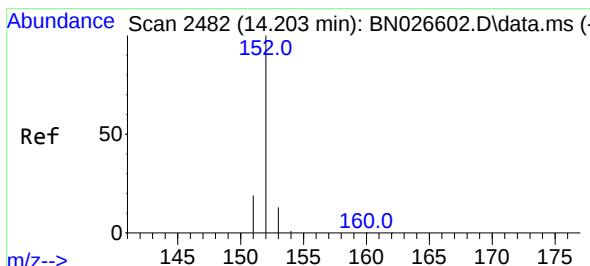
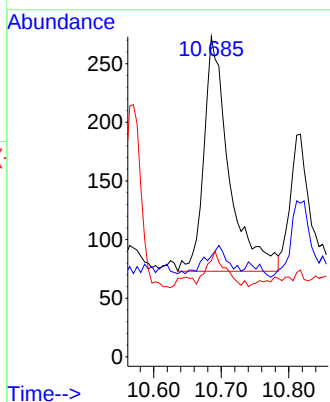
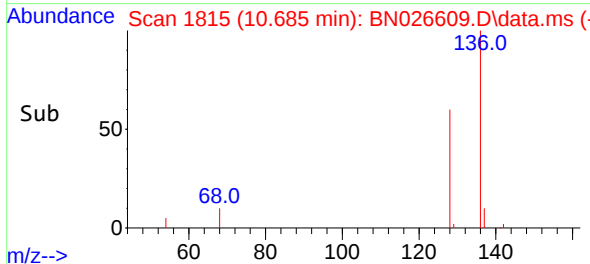
Instrument :
BNA_N
ClientSampleId :
A46X6DL



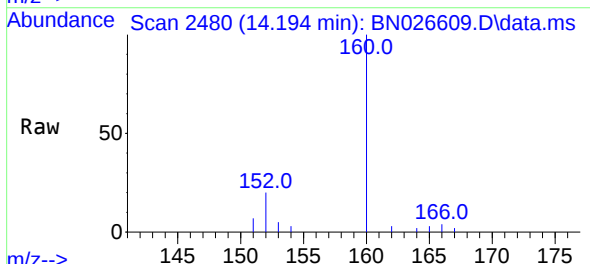
Tgt Ion:128 Resp: 519
Ion Ratio Lower Upper
128 100
129 31.5 10.2 15.2#
127 30.0 11.4 17.0#

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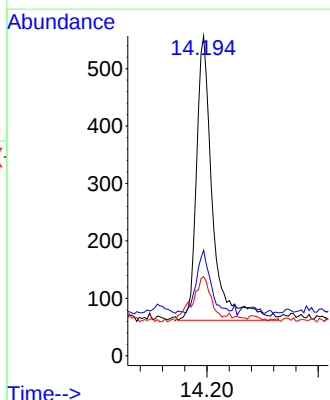
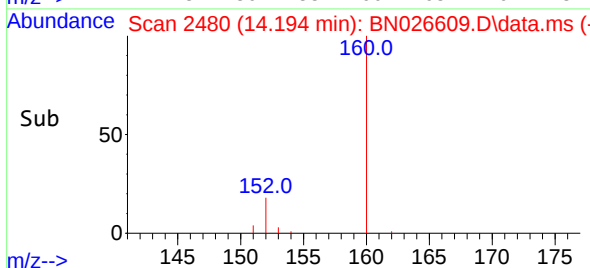
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

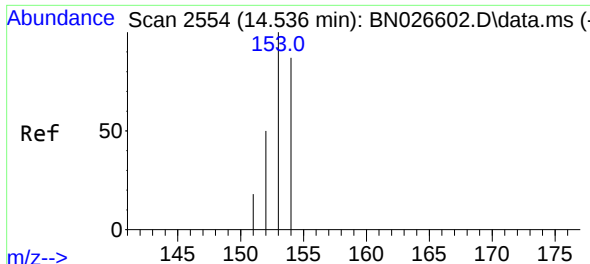


#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18



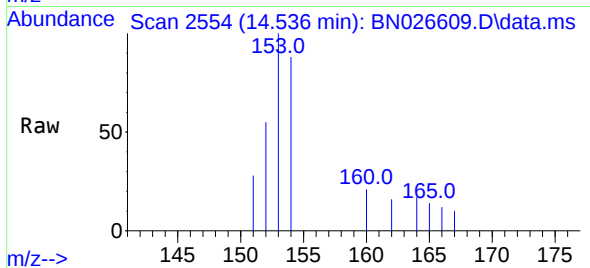
Tgt Ion:152 Resp: 996
Ion Ratio Lower Upper
152 100
151 33.0 17.0 25.6#
153 24.8 11.4 17.2#





#11
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

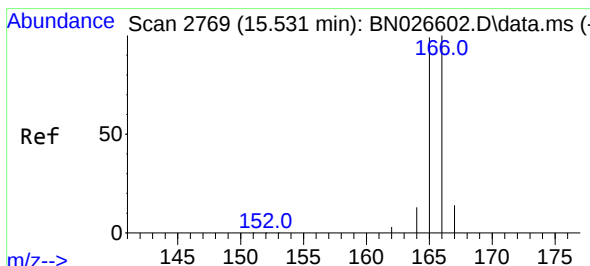
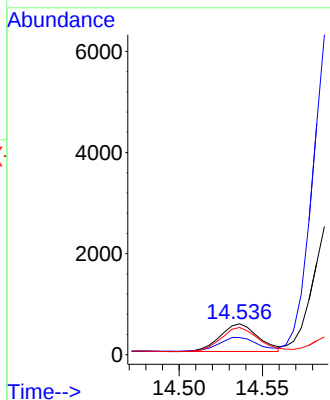
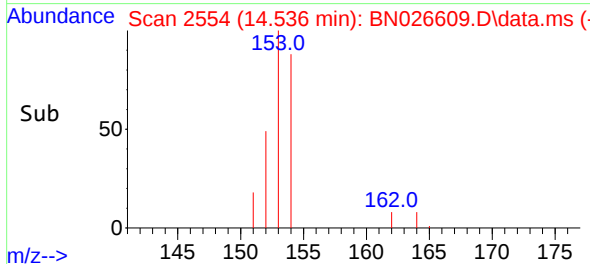
Instrument :
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A46X6DL



Tgt Ion:153 Resp: 865
Ion Ratio Lower Upper
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152 55.5 40.2 60.4
154 87.9 69.3 103.9

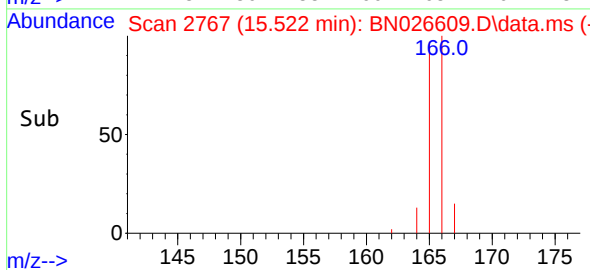
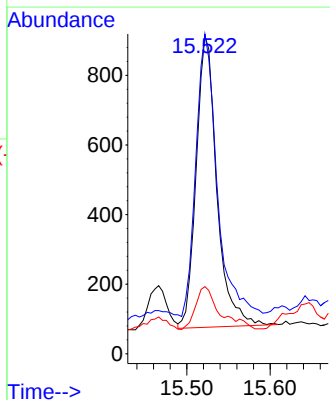
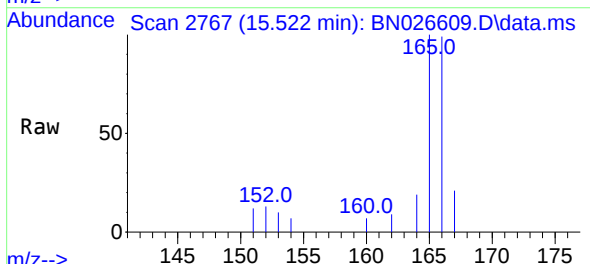
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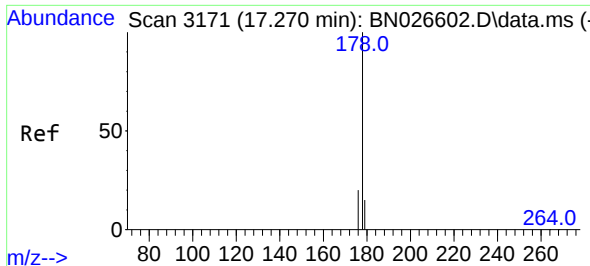
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

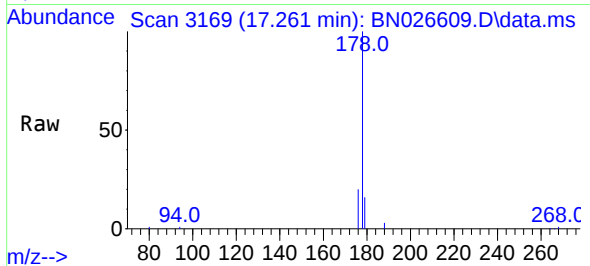
Tgt Ion:166 Resp: 1445
Ion Ratio Lower Upper
166 100
165 100.7 80.6 120.8
167 21.1 12.0 18.0#





#15
Phenanthrene
Concen: 0.505 ng/u1
RT: 17.261 min Scan# 3171
Delta R.T. -0.009 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

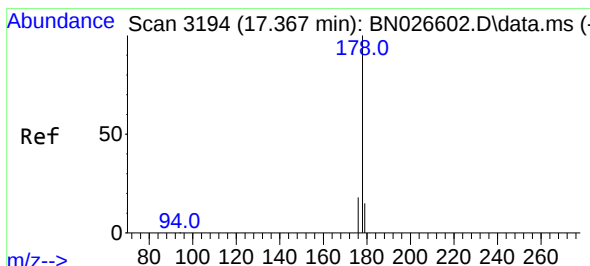
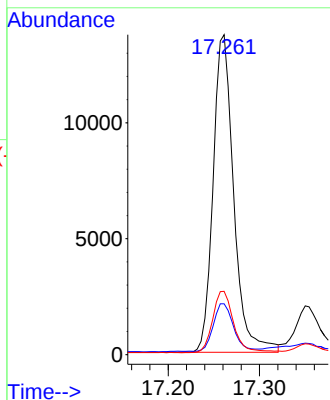
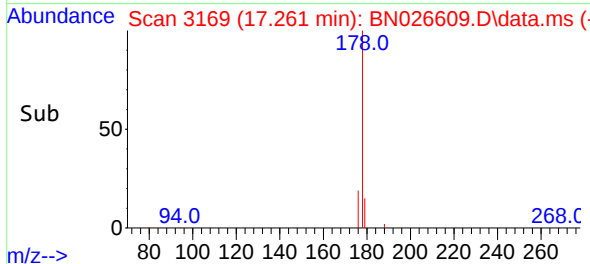
Instrument :
BNA_N
ClientSampleId :
A46X6DL



Tgt Ion:178 Resp: 21418
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 19.8 16.5 24.7

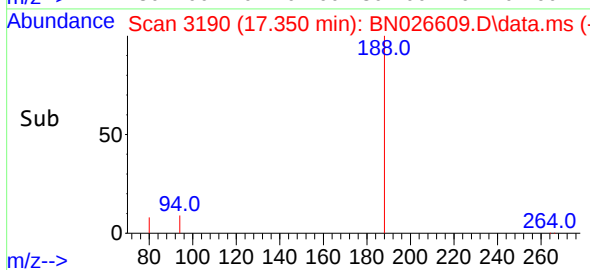
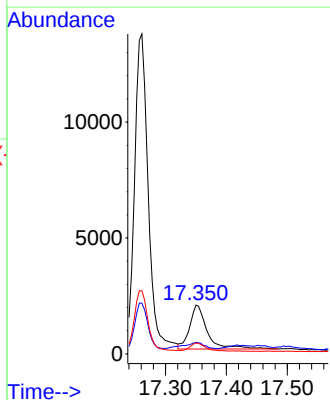
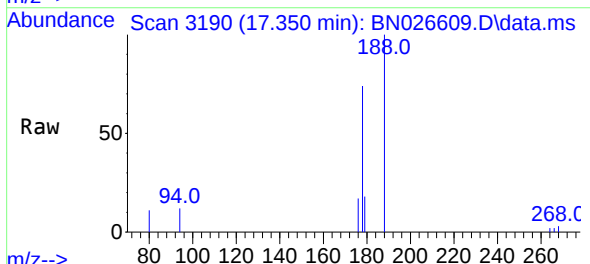
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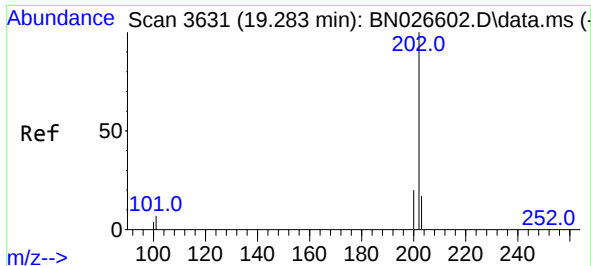
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.103 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

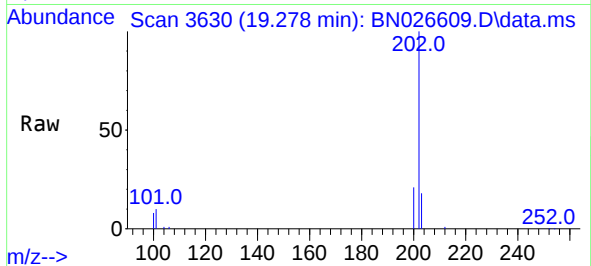
Tgt Ion:178 Resp: 3809
Ion Ratio Lower Upper
178 100
179 23.6 14.8 22.2#
176 22.3 16.6 25.0





#19
Fluoranthene
Concen: 0.779 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

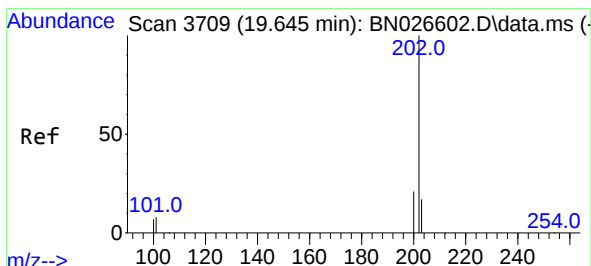
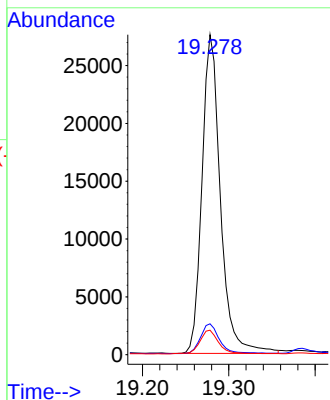
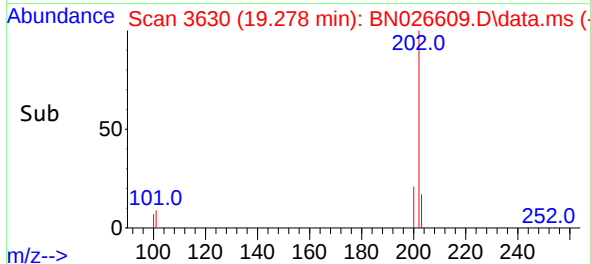
Instrument :
BNA_N
ClientSampleId :
A46X6DL



Tgt Ion:202 Resp: 4108
Ion Ratio Lower Upper
202 100
101 9.7 7.0 10.4
100 7.6 6.0 9.0

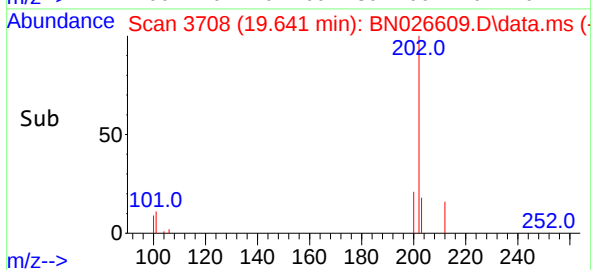
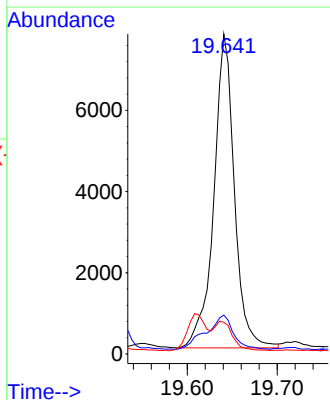
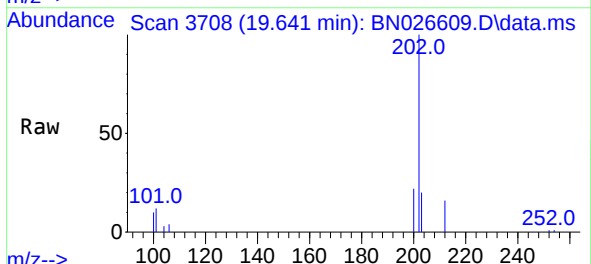
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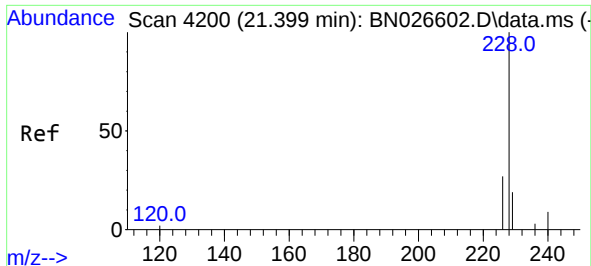
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 0.214 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

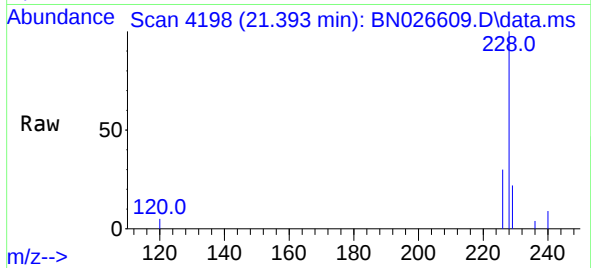
Tgt Ion:202 Resp: 12263
Ion Ratio Lower Upper
202 100
101 12.2 8.0 12.0#
100 9.9 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.471 ng/u1
RT: 21.393 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

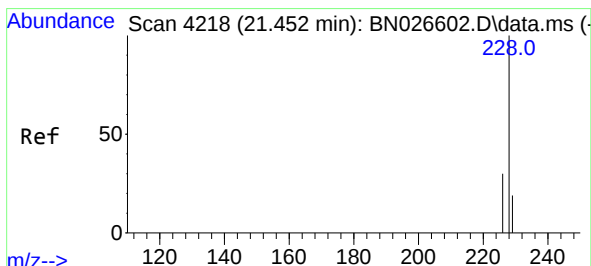
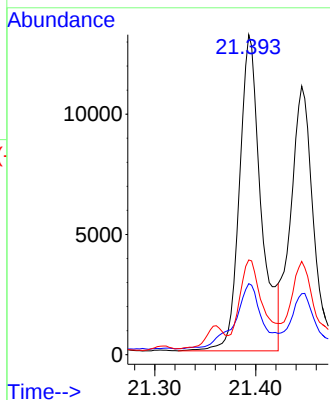
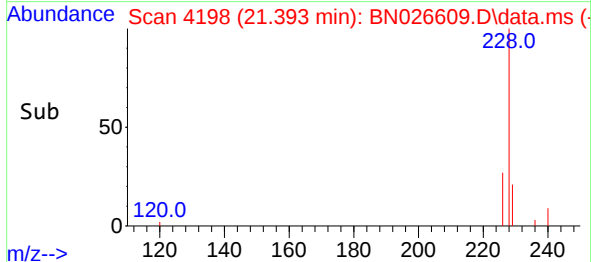
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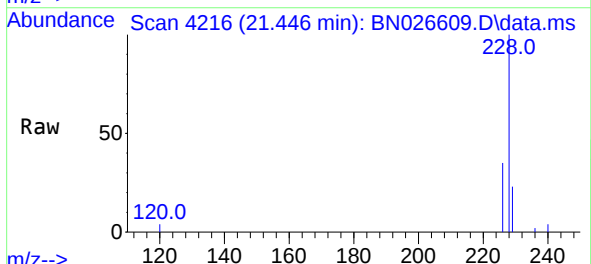
Tgt Ion:228 Resp: 19498
Ion Ratio Lower Upper
228 100
229 22.2 16.7 25.1
226 29.6 23.5 35.3

Manual Integrations
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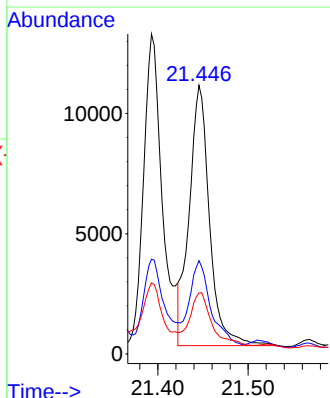
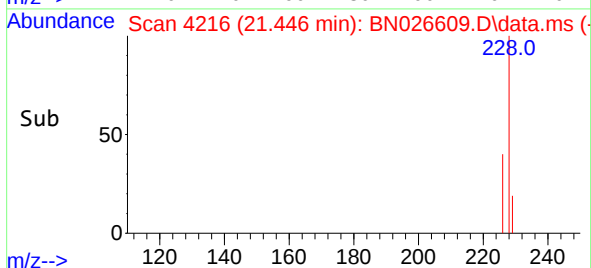
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

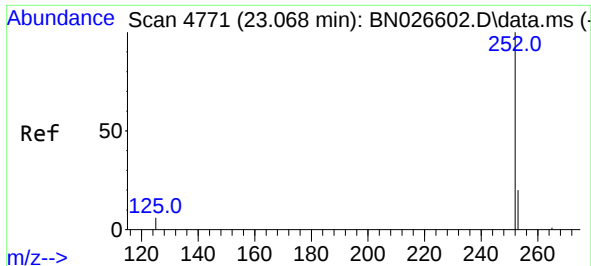


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Chrysene
Concen: 0.360 ng/u1
RT: 21.446 min Scan# 4216
Delta R.T. -0.006 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18



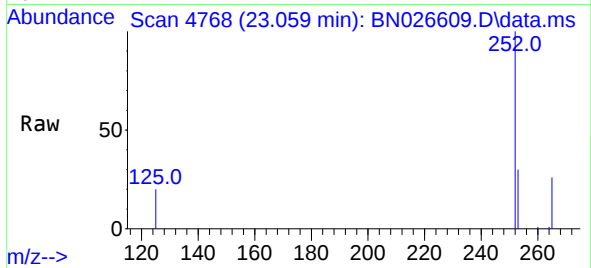
Tgt Ion:228 Resp: 16951
Ion Ratio Lower Upper
228 100
226 34.7 25.2 37.8
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

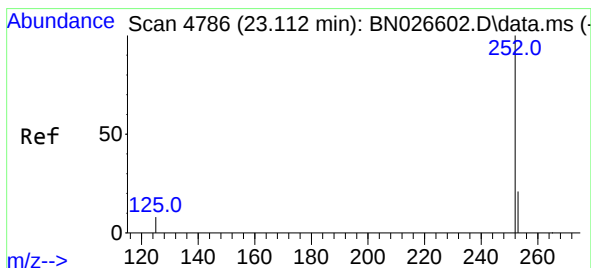
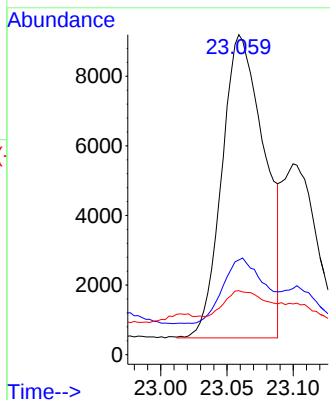
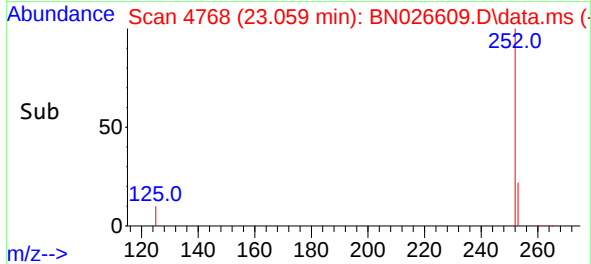
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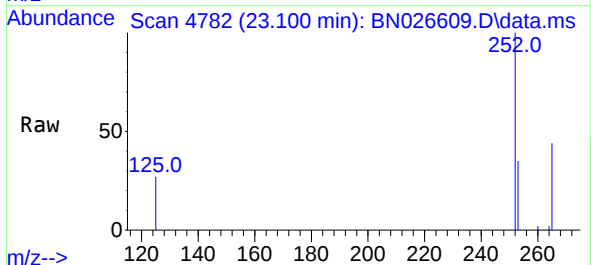
Tgt Ion:252 Resp: 19450
Ion Ratio Lower Upper
252 100
253 29.6 0.0 68.6
125 20.0 0.0 34.0

Manual Integrations
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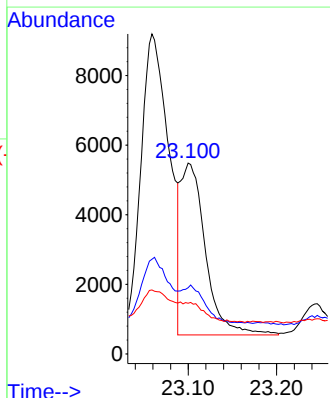
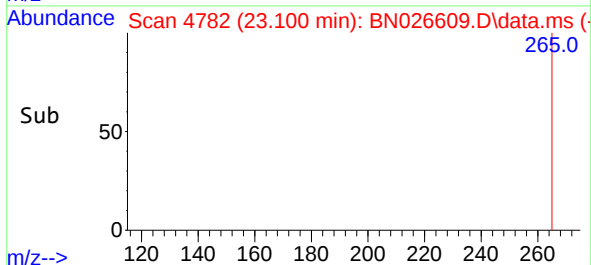
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

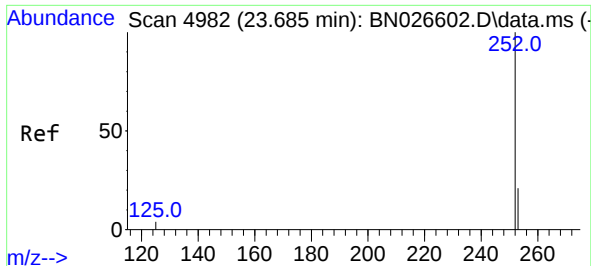


#25
Benzo(k)fluoranthene
Concen: 0.211 ng/ul m
RT: 23.100 min Scan# 4782
Delta R.T. -0.012 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18



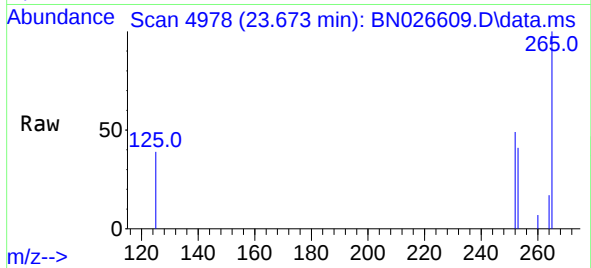
Tgt Ion:252 Resp: 9597
Ion Ratio Lower Upper
252 100
253 34.7 27.2 40.8
125 26.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.673 min Scan# 4982
Delta R.T. -0.012 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18

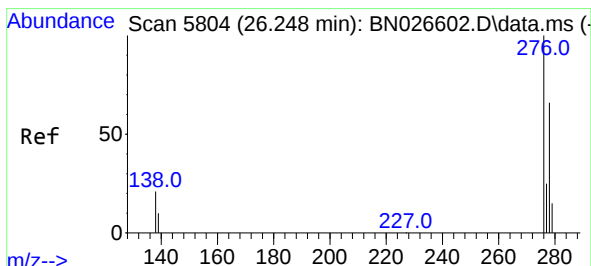
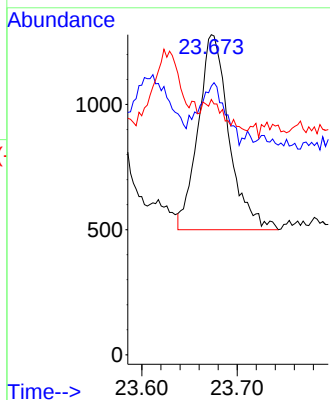
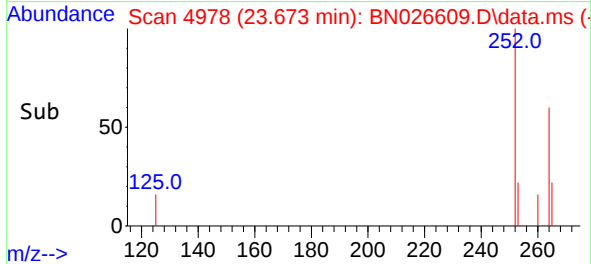
Instrument :
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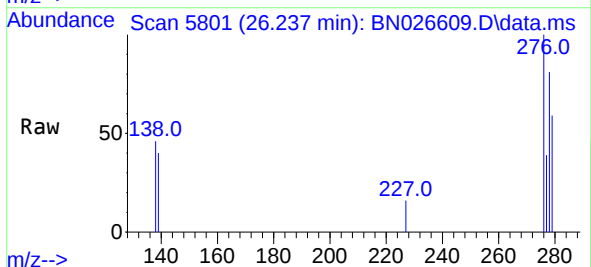
Tgt Ion:252 Resp: 175
Ion Ratio Lower Upper
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253 83.9 32.6 49.0
125 79.7 19.3 28.9

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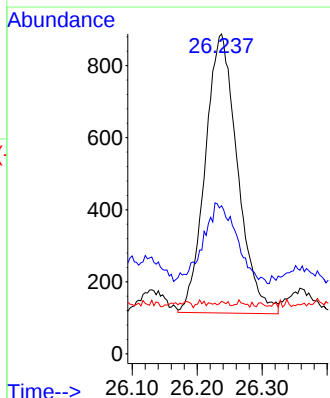
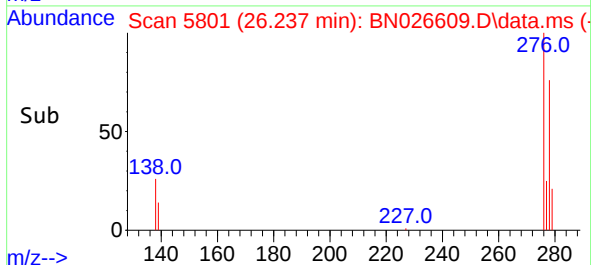
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

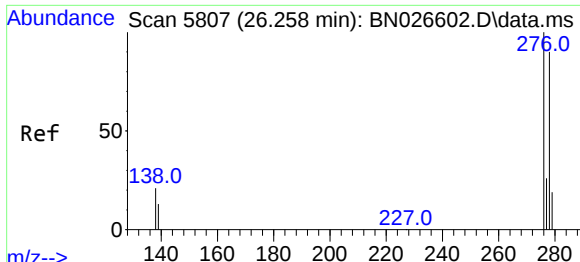


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.010 min
Lab File: BN026609.D
Acq: 21 Jul 2023 02:18



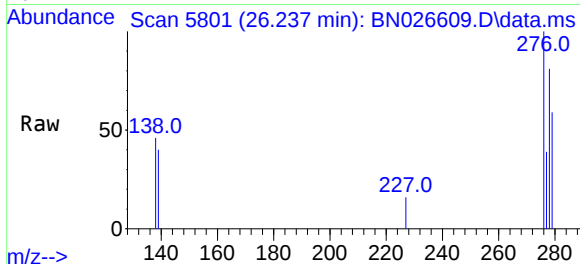
Tgt Ion:276 Resp: 2676
Ion Ratio Lower Upper
276 100
138 30.3 22.2 33.4
227 0.3 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.060 ng/ul
 RT: 26.237 min Scan# 5801
 Delta R.T. -0.020 min
 Lab File: BN026609.D
 Acq: 21 Jul 2023 02:18

Instrument :
 BNA_N
 ClientSampleId :
 A46X6DL



Tgt Ion:278 Resp: 233
 Ion Ratio Lower Upper
 278 100
 139 49.4 18.9 28.3
 279 73.6 31.3 46.9

Manual Integrations
 APPROVED

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