

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026604.D
 Acq On : 20 Jul 2023 23:15
 Operator : MA/JU
 Sample : 03501-12DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 00:46:32 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	1567	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.641	136	5467	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.472	164	3605	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.236	188	18434	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.408	240	9691	0.400	ng/ul	0.00
23) Perylene-d12	23.775	264	9352	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1118	0.542	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	356	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	1221	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.691	128	1903	0.127	ng/ul#	83
7) 2-Methylnaphthalene	12.308	142	1252	0.147	ng/ul	98
8) 1-Methylnaphthalene	12.522	142	1371	0.150	ng/ul	97
10) Acenaphthylene	14.194	152	2004	0.114	ng/ul#	84
11) Acenaphthene	14.536	153	5058	0.376	ng/ul	99
12) Fluorene	15.522	166	7140	0.506	ng/ul	99
15) Phenanthrene	17.257	178	79107	1.347	ng/ul	97
16) Anthracene	17.350	178	9569	0.188	ng/ul	98
19) Fluoranthene	19.274	202	105238	2.317	ng/ul	99
20) Pyrene	19.641	202	55502	1.125	ng/ul	98
21) Benzo(a)anthracene	21.390	228	42779	1.201	ng/ul	99
22) Chrysene	21.443	228	44611	1.100	ng/ul	99
24) Benzo(b)fluoranthene	23.056	252	43507m	1.194	ng/ul	
25) Benzo(k)fluoranthene	23.097	252	19052m	0.499	ng/ul	
26) Benzo(a)pyrene	23.670	252	4883	0.151	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.227	276	7782	0.183	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.241	278	4523	0.139	ng/ul#	82

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

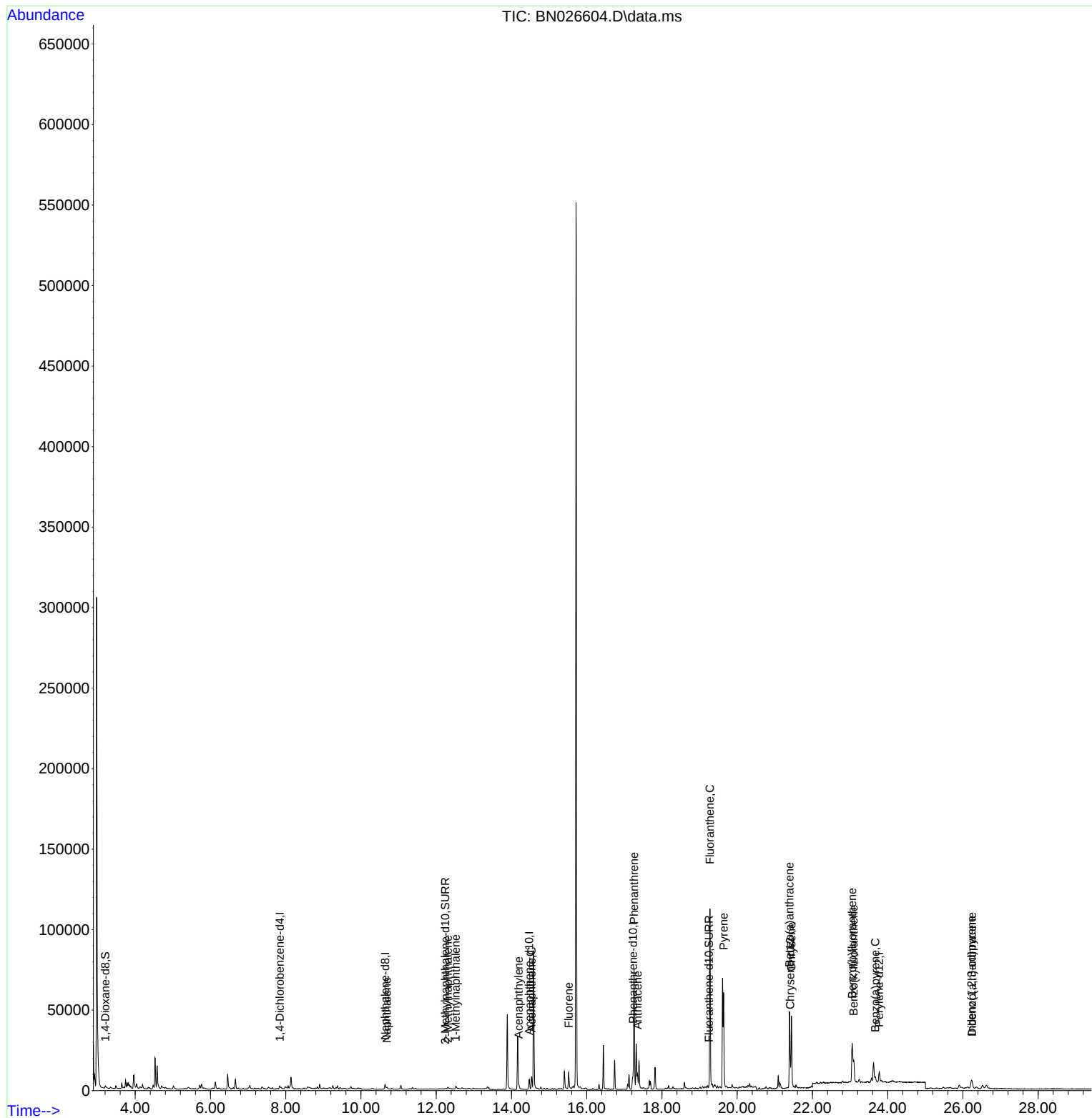
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026604.D
Acq On : 20 Jul 2023 23:15
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Sample : 03501-12DL 5X
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ALS Vial : 14 Sample Multiplier: 1

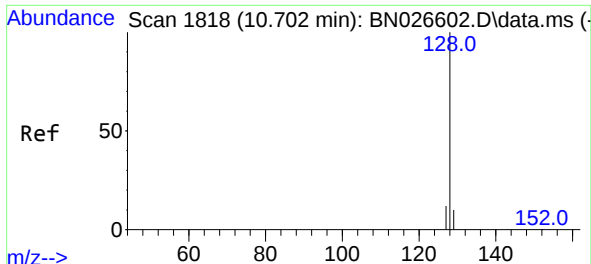
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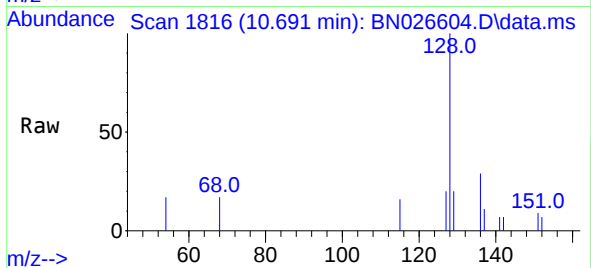
Quant Time: Jul 21 00:46:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.691 min Scan# 1110
Delta R.T. -0.011 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

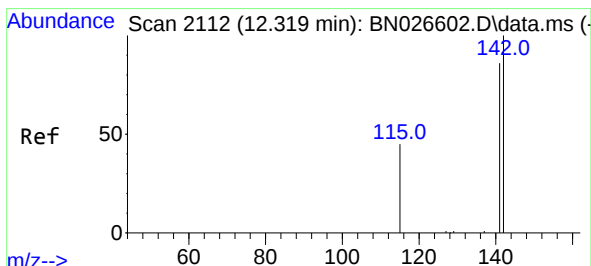
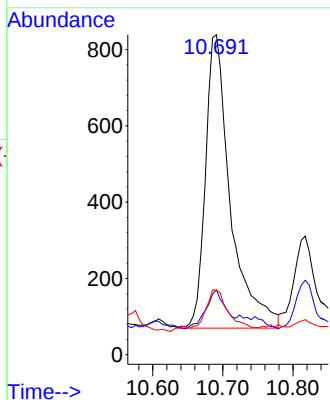
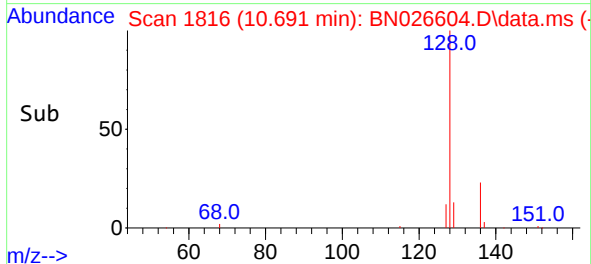
Instrument :
BNA_N
ClientSampleId :
A46X7DL



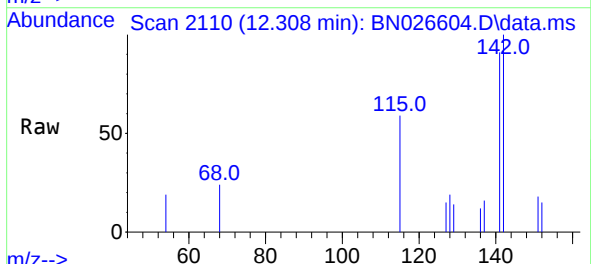
Tgt Ion:128 Resp: 190
Ion Ratio Lower Upper
128 100
129 20.3 10.2 15.2
127 20.1 11.4 17.0

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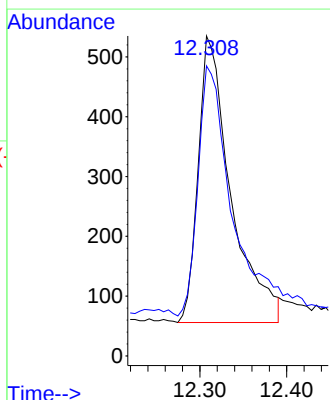
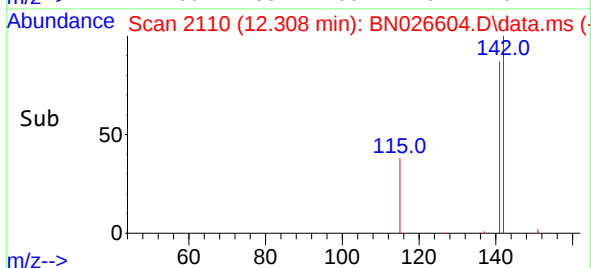
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

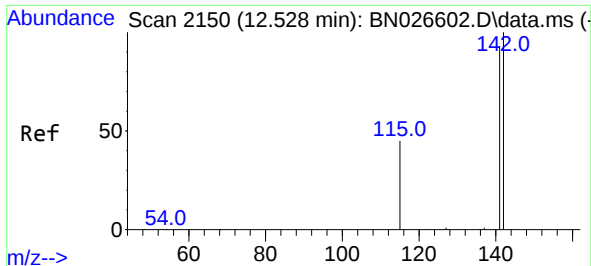


#7
2-Methylnaphthalene
Concen: 0.147 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15



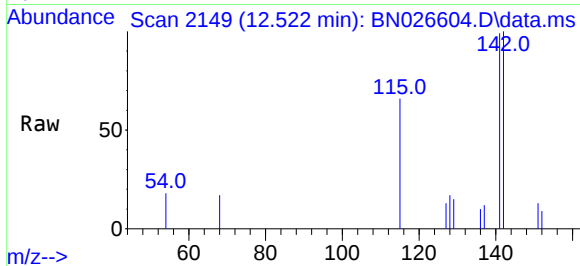
Tgt Ion:142 Resp: 1252
Ion Ratio Lower Upper
142 100
141 88.6 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.522 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

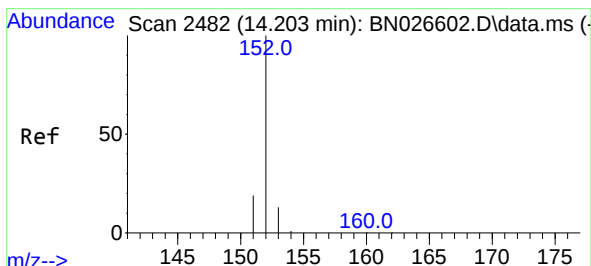
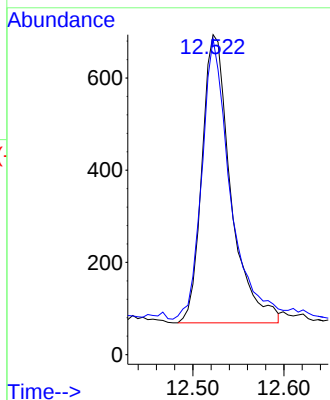
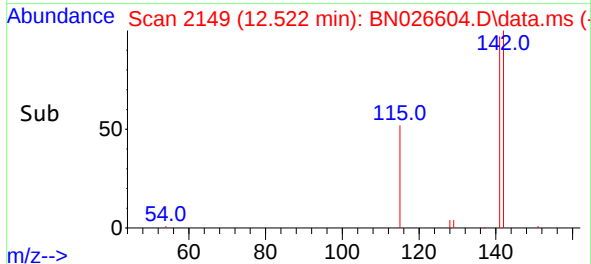
Instrument :
BNA_N
ClientSampleId :
A46X7DL



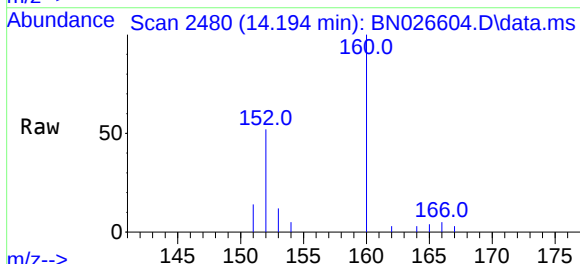
Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
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141 95.8 74.5 111.7

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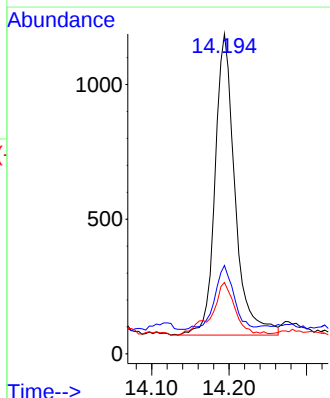
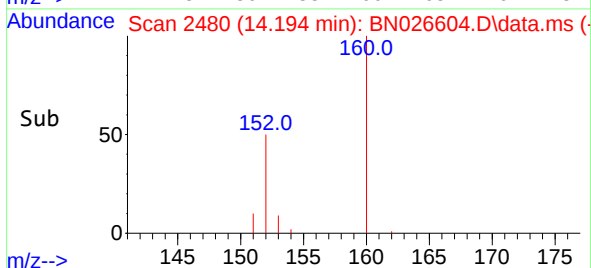
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

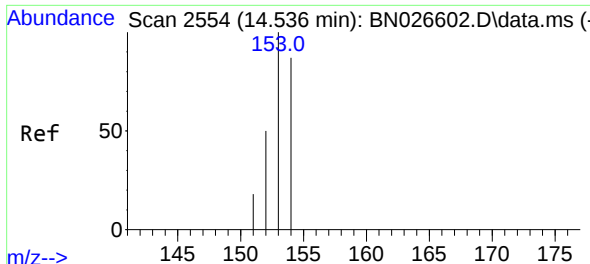


#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15



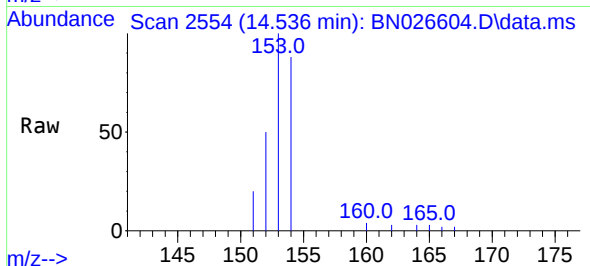
Tgt Ion:152 Resp: 2004
Ion Ratio Lower Upper
152 100
151 27.6 17.0 25.6#
153 22.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

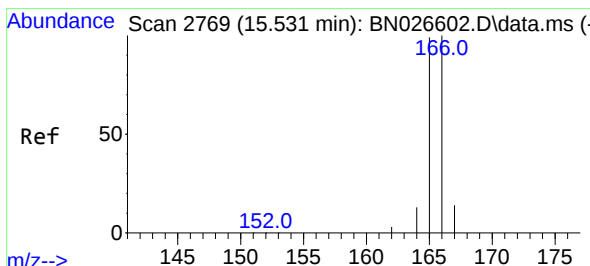
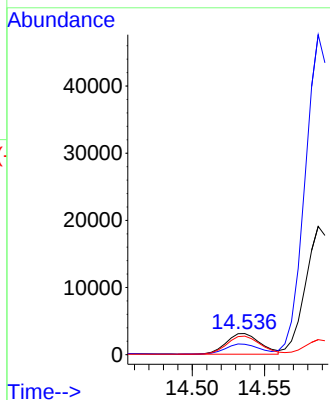
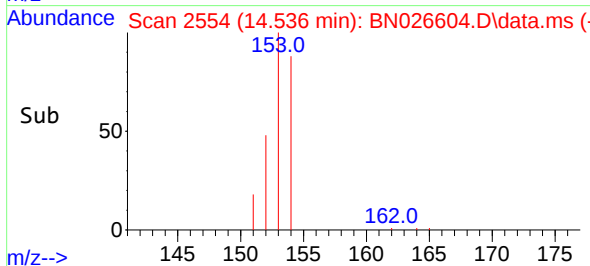
Instrument :
BNA_N
ClientSampleId :
A46X7DL



Tgt Ion:153 Resp: 5058
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 87.8 69.3 103.9

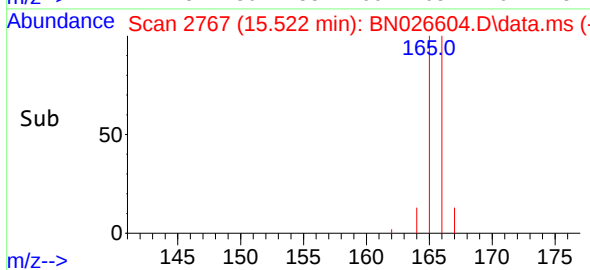
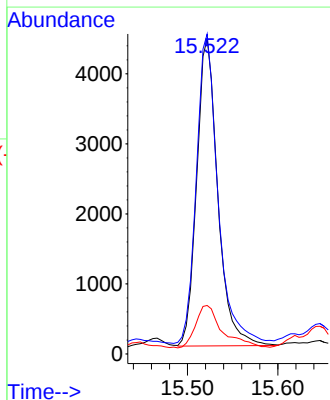
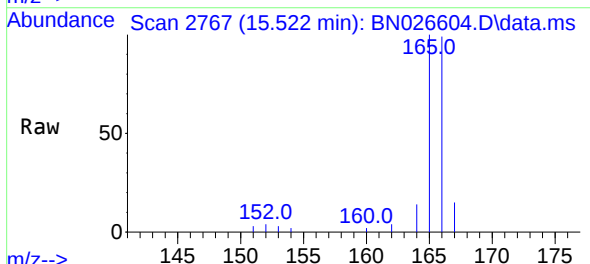
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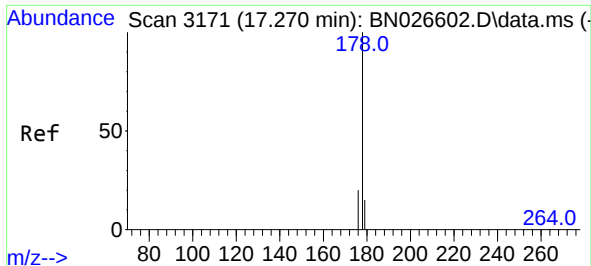
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.506 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

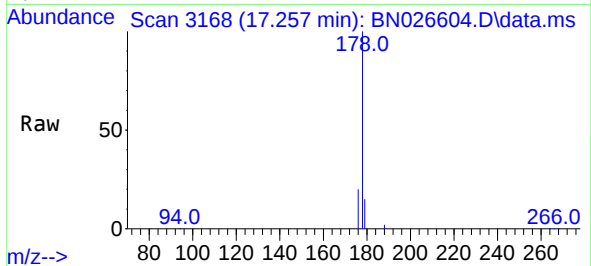
Tgt Ion:166 Resp: 7140
Ion Ratio Lower Upper
166 100
165 101.5 80.6 120.8
167 15.4 12.0 18.0





#15
Phenanthrene
Concen: 1.347 ng/u1
RT: 17.257 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

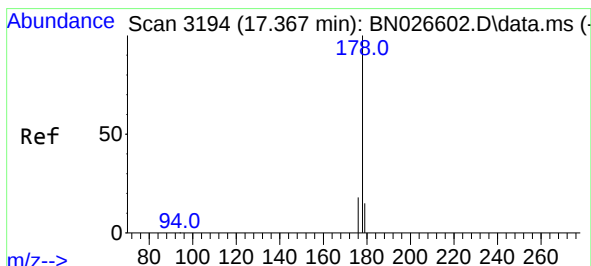
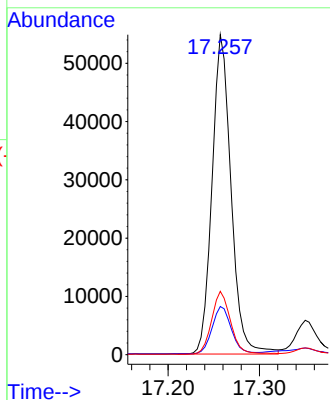
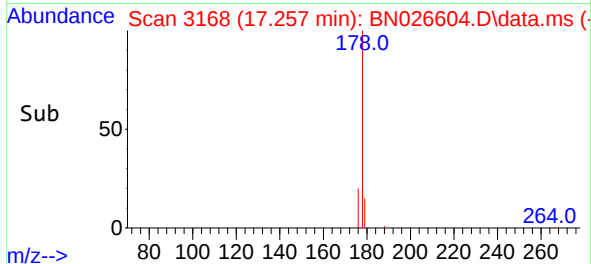
Instrument :
BNA_N
ClientSampleId :
A46X7DL



Tgt Ion:178 Resp: 7910
Ion Ratio Lower Upper
178 100
179 15.0 13.7 20.5
176 19.8 16.5 24.7

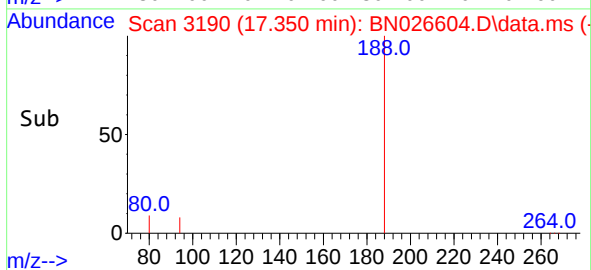
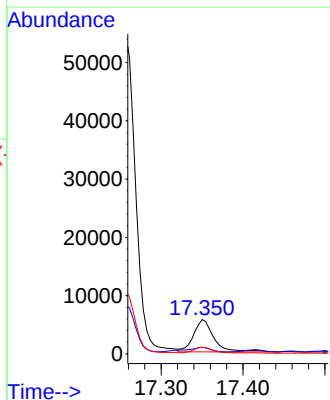
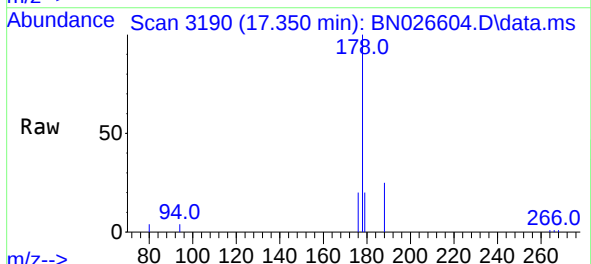
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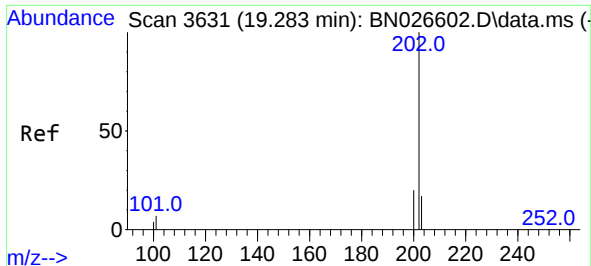
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.188 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

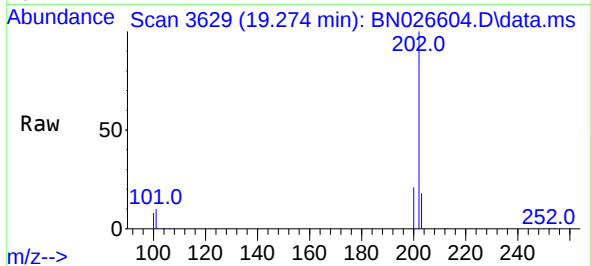
Tgt Ion:178 Resp: 9569
Ion Ratio Lower Upper
178 100
179 19.7 14.8 22.2
176 19.8 16.6 25.0





#19
Fluoranthene
Concen: 2.317 ng/u1
RT: 19.274 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

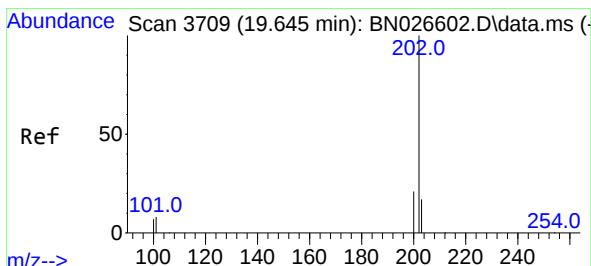
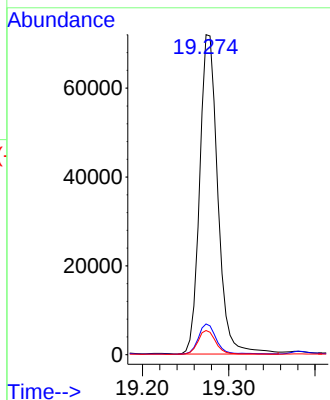
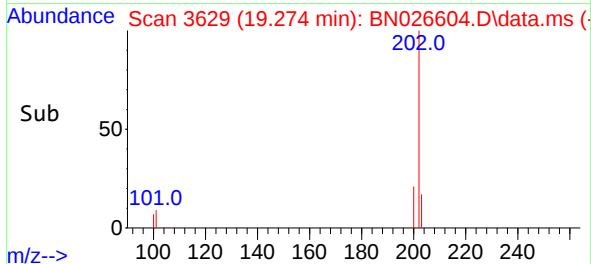
Instrument :
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A46X7DL



Tgt Ion:202 Resp: 105238
Ion Ratio Lower Upper
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101 9.6 7.0 10.4
100 7.5 6.0 9.0

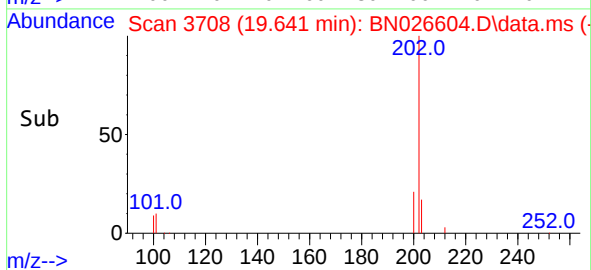
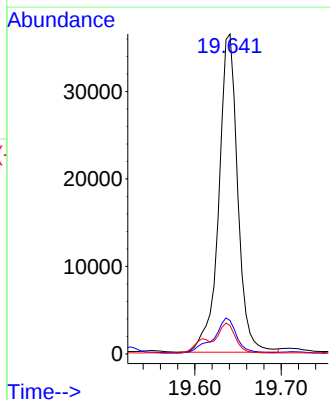
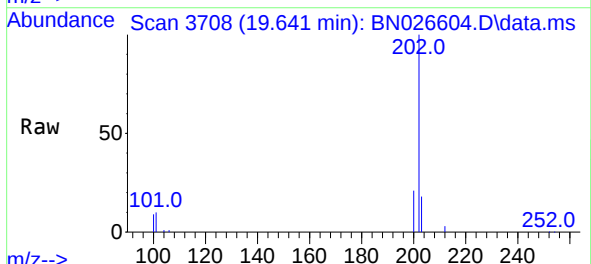
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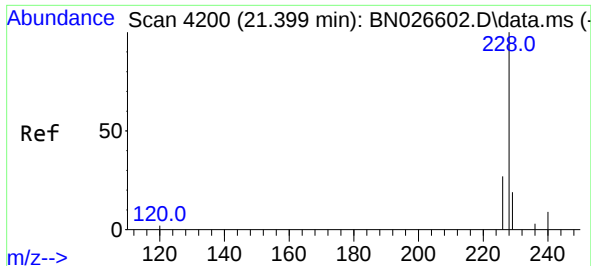
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 1.125 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

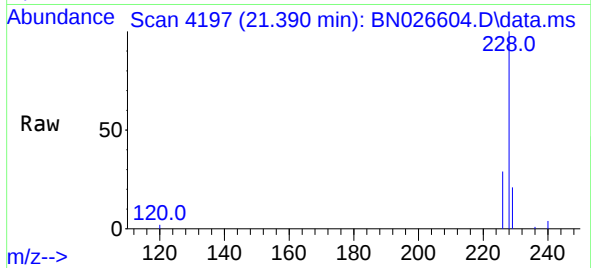
Tgt Ion:202 Resp: 55502
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 8.8 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.201 ng/ul
RT: 21.390 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

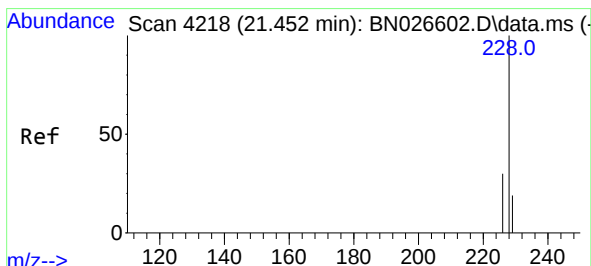
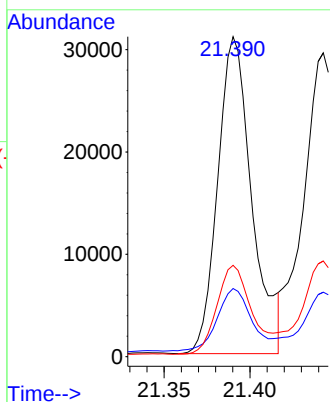
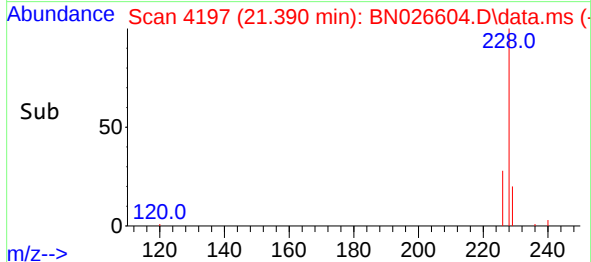
Instrument :
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Tgt Ion:228 Resp: 42779
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 28.6 23.5 35.3

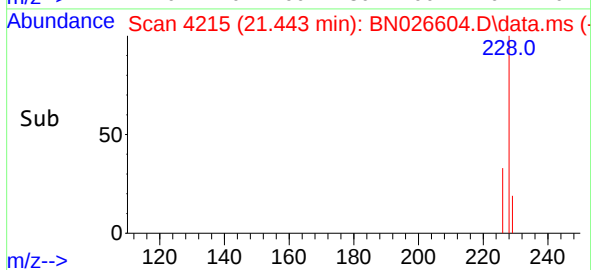
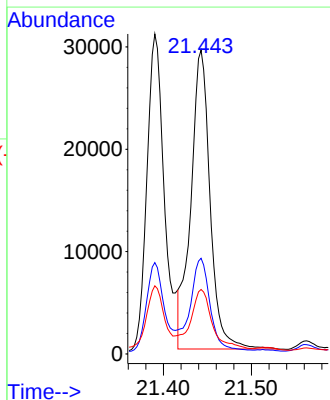
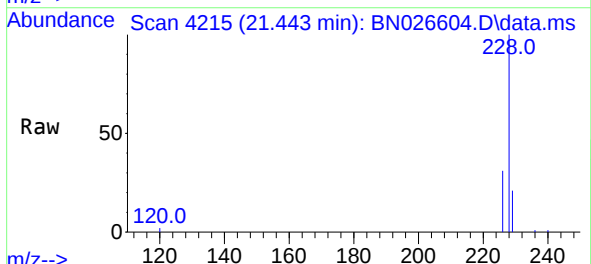
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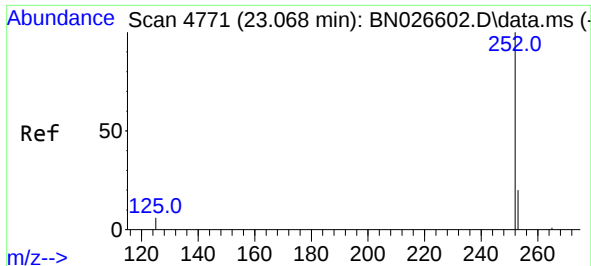
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 1.100 ng/ul
RT: 21.443 min Scan# 4215
Delta R.T. -0.009 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

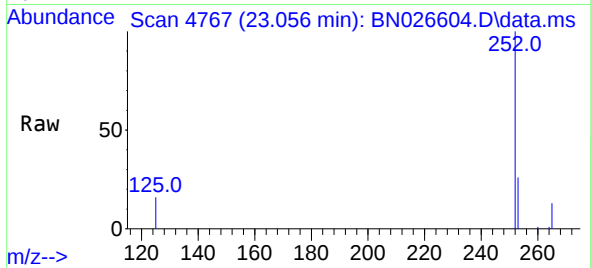
Tgt Ion:228 Resp: 44611
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.194 ng/ul m
RT: 23.056 min Scan# 4771
Delta R.T. -0.012 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

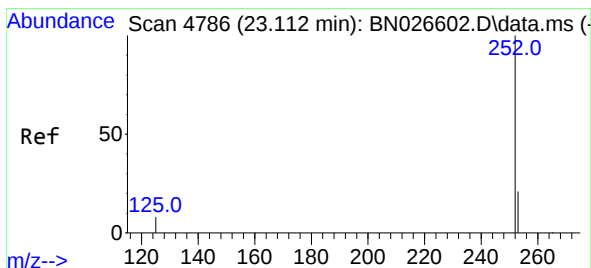
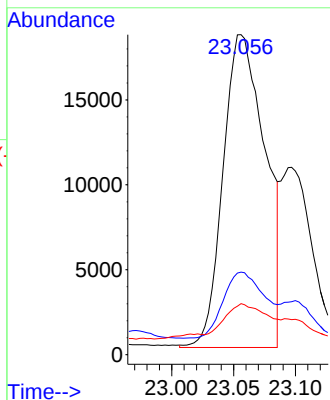
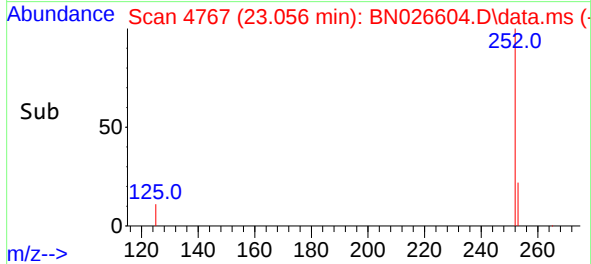
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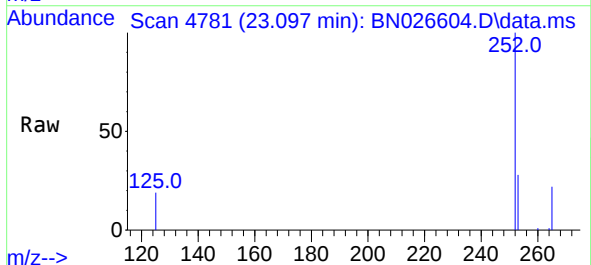
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Ion Ratio Lower Upper
252 100
253 25.8 0.0 68.6
125 16.0 0.0 34.0

Manual Integrations
APPROVED

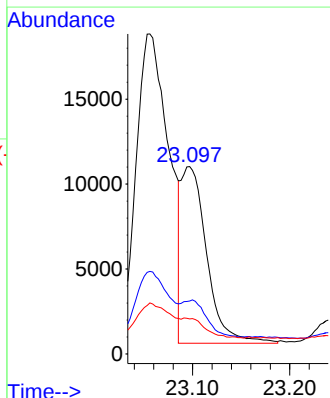
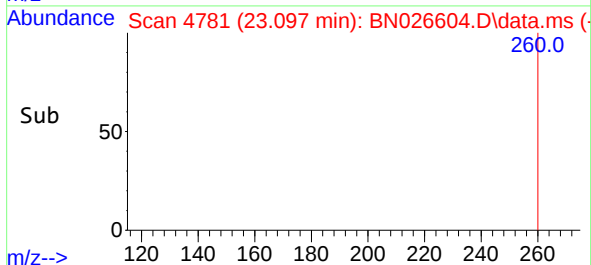
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

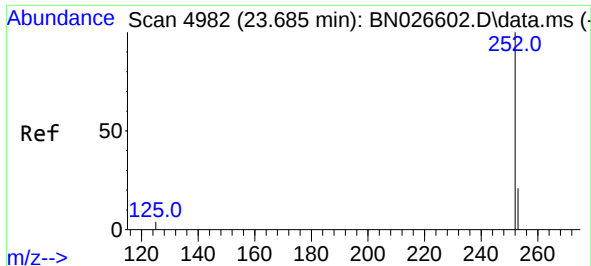


#25
Benzo(k)fluoranthene
Concen: 0.499 ng/ul m
RT: 23.097 min Scan# 4781
Delta R.T. -0.015 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15



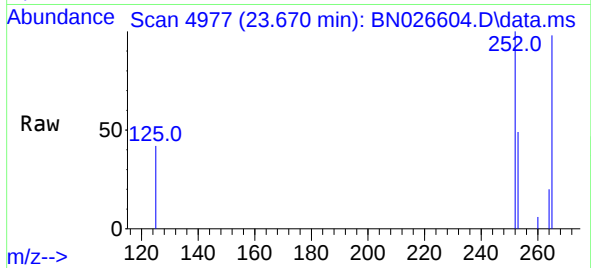
Tgt Ion:252 Resp: 19052
Ion Ratio Lower Upper
252 100
253 28.3 27.2 40.8
125 18.7 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.670 min Scan# 4982
Delta R.T. -0.015 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15

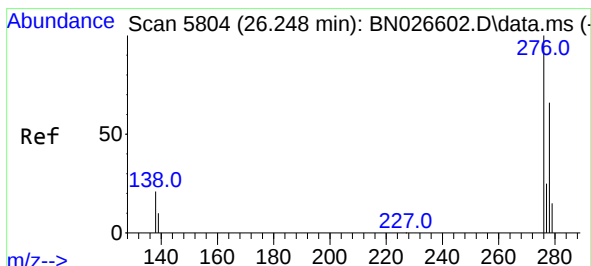
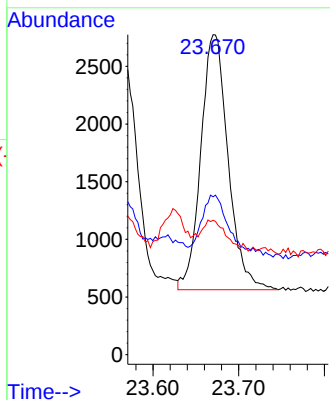
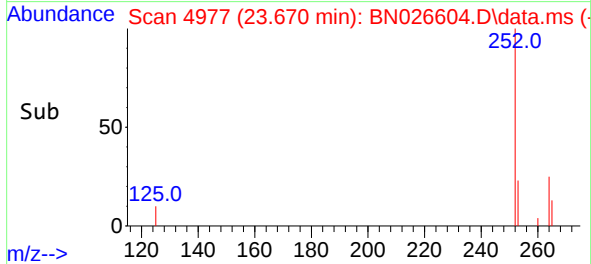
Instrument :
BNA_N
ClientSampleId :
A46X7DL



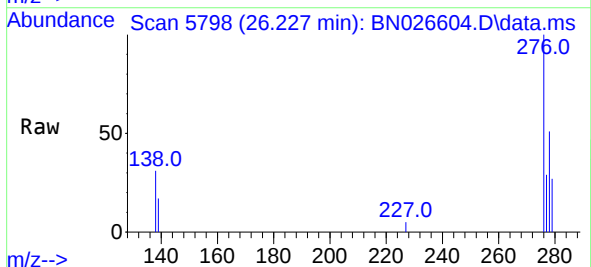
Tgt Ion:252 Resp: 488
Ion Ratio Lower Upper
252 100
253 49.3 32.6 49.0
125 42.0 19.3 28.9

Manual Integrations
APPROVED

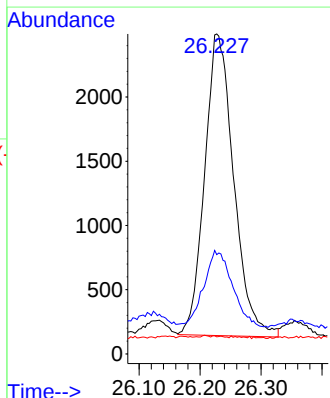
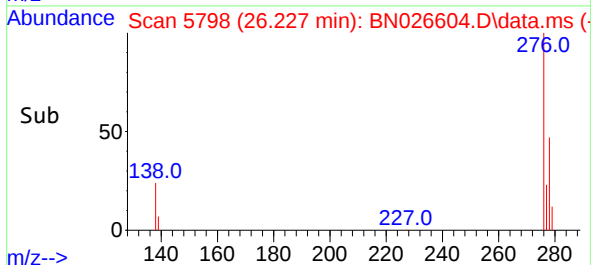
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

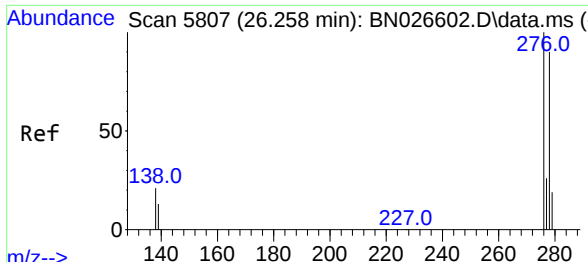


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.183 ng/ul
RT: 26.227 min Scan# 5798
Delta R.T. -0.020 min
Lab File: BN026604.D
Acq: 20 Jul 2023 23:15



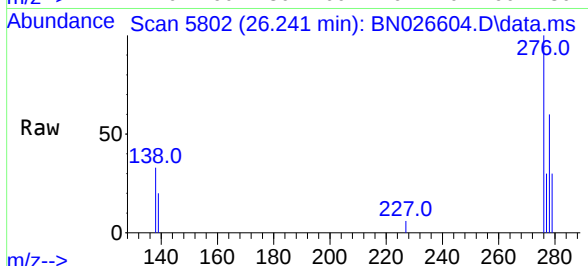
Tgt Ion:276 Resp: 7782
Ion Ratio Lower Upper
276 100
138 25.3 22.2 33.4
227 0.2 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.139 ng/ul
 RT: 26.241 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN026604.D
 Acq: 20 Jul 2023 23:15

Instrument :
 BNA_N
 ClientSampleId :
 A46X7DL



Tgt Ion:278 Resp: 452
 Ion Ratio Lower Upper
 278 100
 139 32.5 18.9 28.3
 279 49.6 31.3 46.9

Manual Integrations
 APPROVED

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

