

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026703.D
 Acq On : 24 Jul 2023 08:15
 Operator : MA/JU
 Sample : 03504-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 08:43:16 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	3453	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.619	136	10712	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	6701	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	27803	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.414	240	44978	0.400	ng/ul	# 0.00
23) Perylene-d12	23.781	264	41893	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	7092	1.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	5029	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	10825	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	1191	0.040	ng/ul#	66
7) 2-Methylnaphthalene	12.286	142	365	0.022	ng/ul	85
8) 1-Methylnaphthalene	12.506	142	378	0.021	ng/ul#	78
10) Acenaphthylene	14.180	152	1311	0.040	ng/ul#	73
11) Acenaphthene	14.527	153	1674	0.067	ng/ul	98
12) Fluorene	15.513	166	1580	0.060	ng/ul#	95
15) Phenanthrene	17.253	178	28492	0.322	ng/ul	98
19) Fluoranthene	19.274	202	49280	0.234	ng/ul#	96
20) Pyrene	19.636	202	29603	0.129	ng/ul	98
21) Benzo(a)anthracene	21.396	228	13756	0.083	ng/ul	95
22) Chrysene	21.449	228	18285	0.097	ng/ul	96
24) Benzo(b)fluoranthene	23.068	252	23530m	0.144	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	8577m	0.050	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.241	276	6964	0.037	ng/ul#	81

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

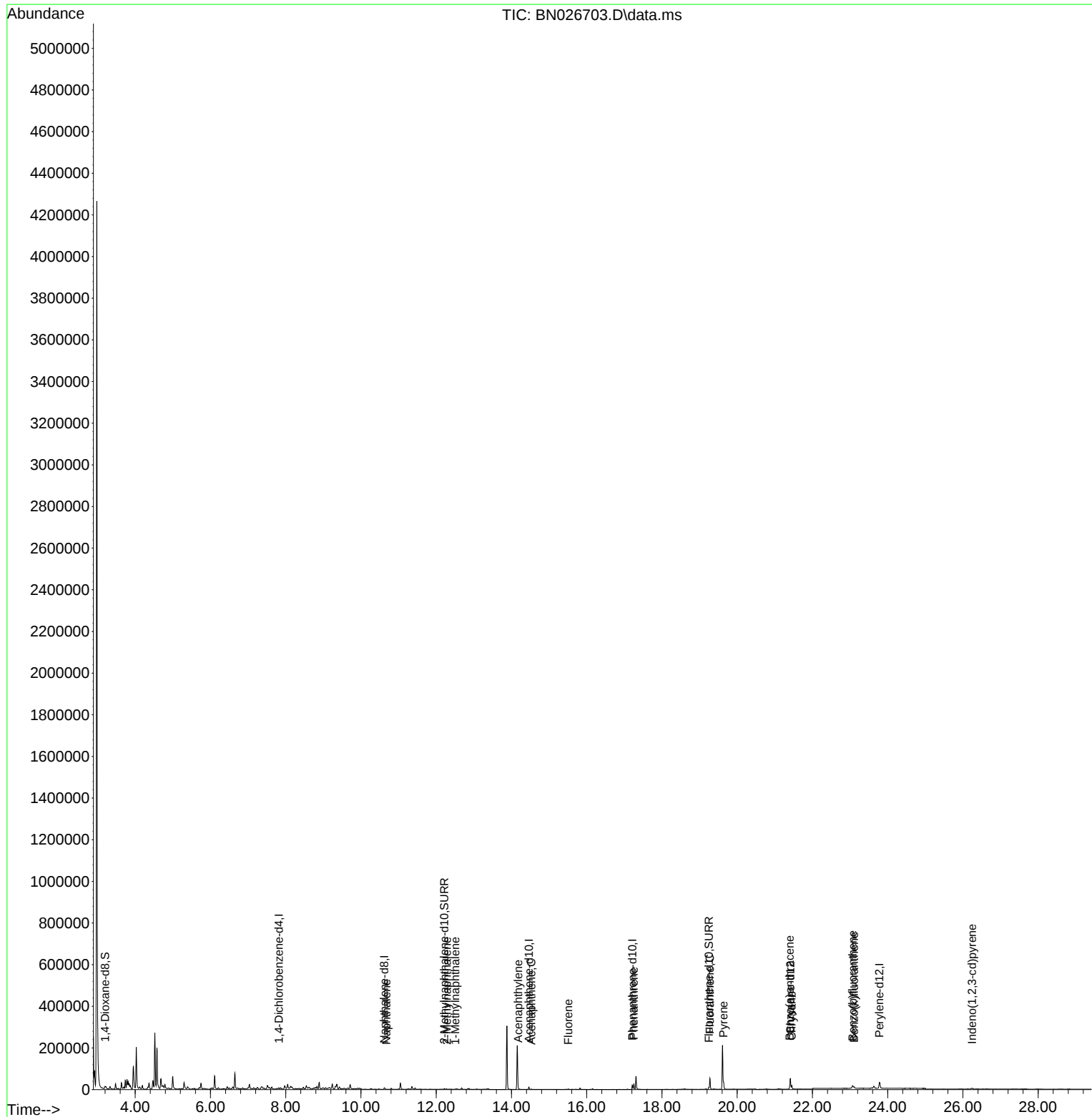
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026703.D
Acq On : 24 Jul 2023 08:15
Operator : MA/JU
Sample : 03504-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

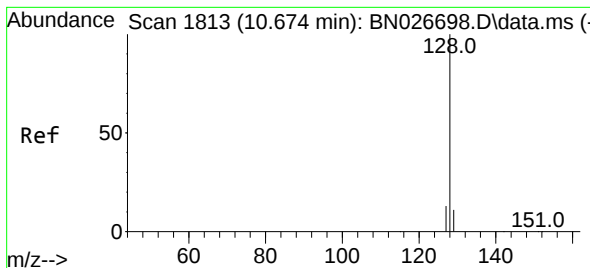
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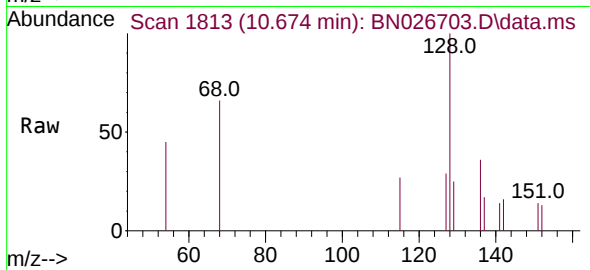
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

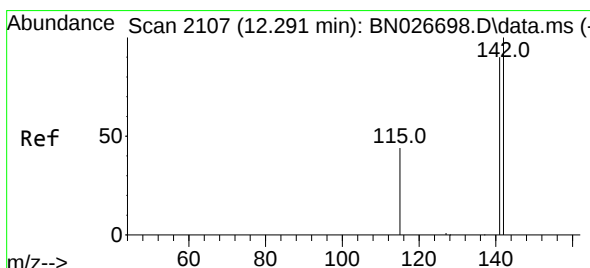
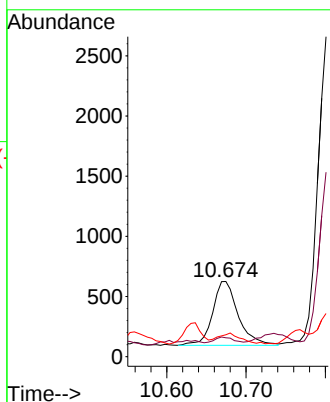
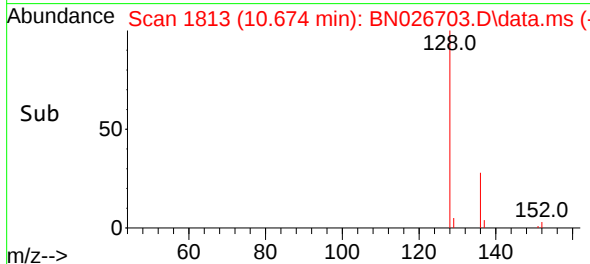
Instrument :
BNA_N
ClientSampleId :
A46R7



Tgt Ion:128 Resp: 119
Ion Ratio Lower Upper
128 100
129 25.1 10.2 15.2
127 29.1 11.4 17.0

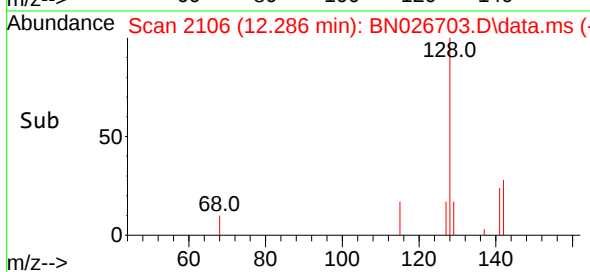
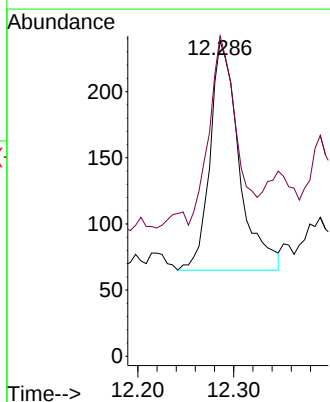
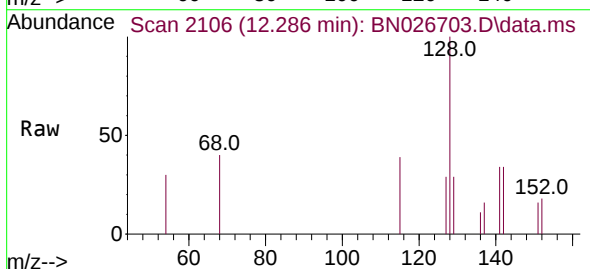
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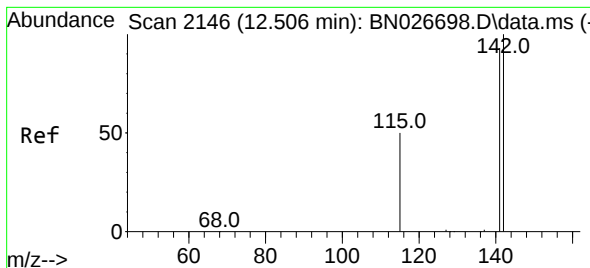
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.286 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

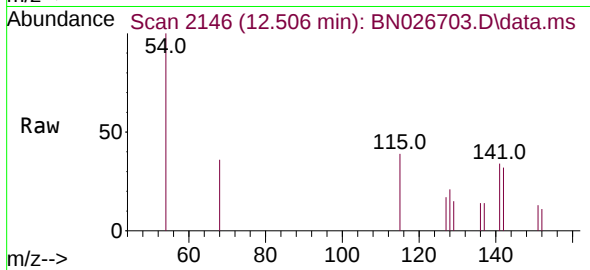
Tgt Ion:142 Resp: 365
Ion Ratio Lower Upper
142 100
141 75.9 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

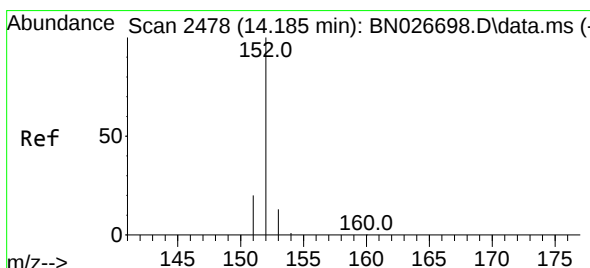
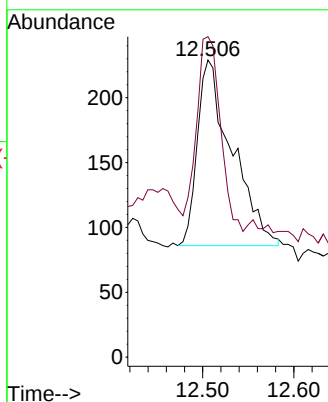
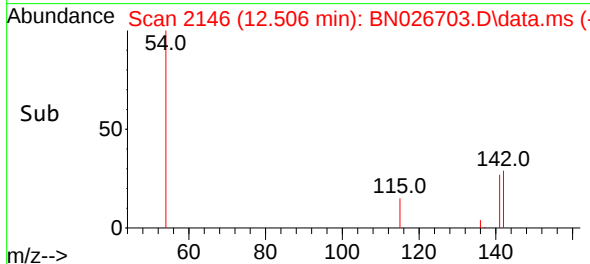
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 378
Ion Ratio Lower Upper
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141 72.0 74.5 111.7

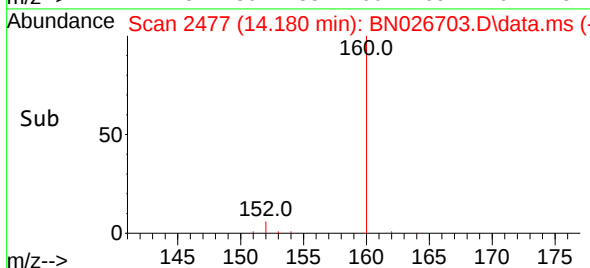
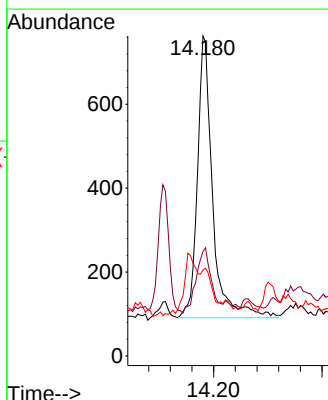
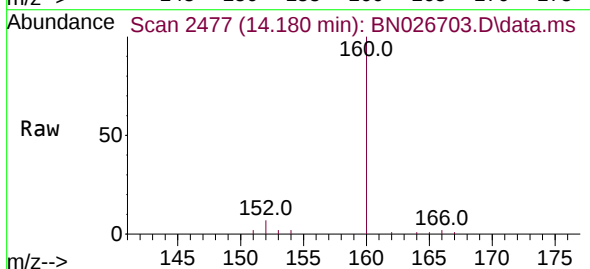
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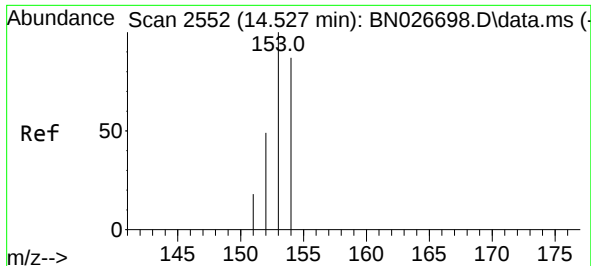
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.180 min Scan# 2477
Delta R.T. -0.009 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

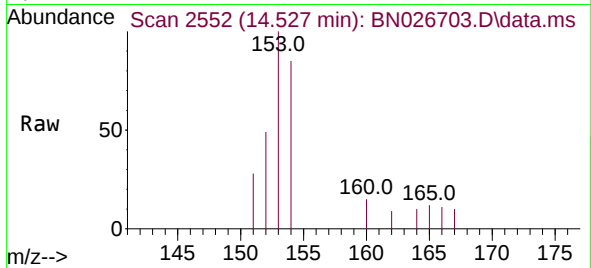
Tgt Ion:152 Resp: 1311
Ion Ratio Lower Upper
152 100
151 32.6 17.0 25.6#
153 26.9 11.4 17.2#





#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

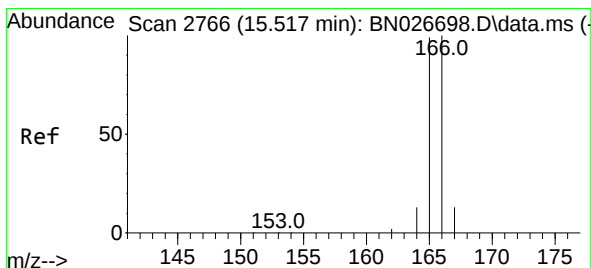
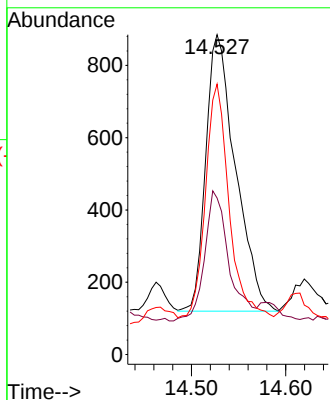
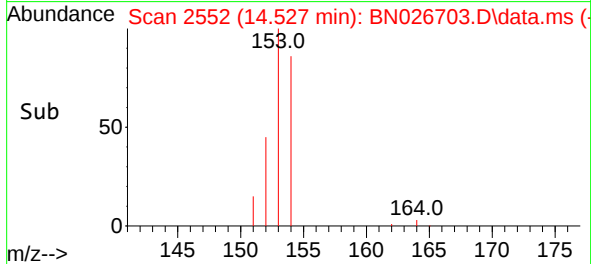
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 1674
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 84.5 69.3 103.9

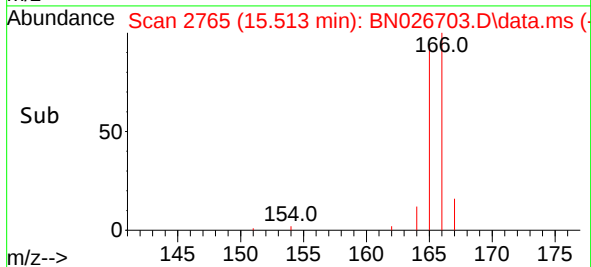
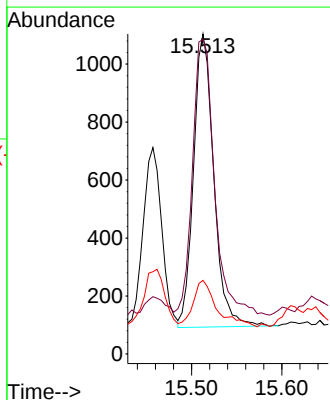
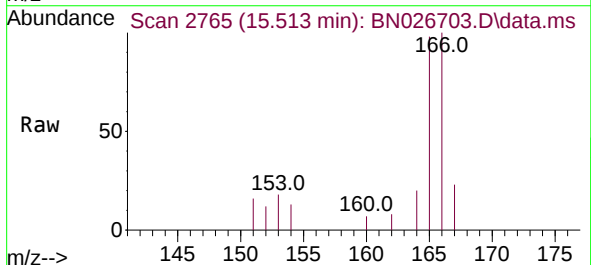
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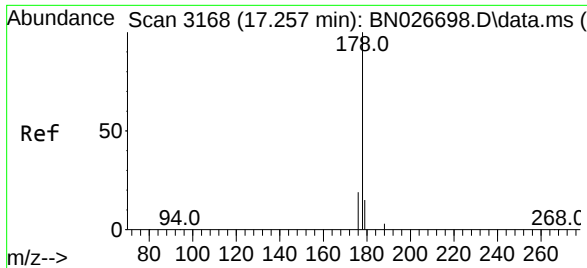
Reviewed By :Yogesh Patel 07/24/2023
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#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.513 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

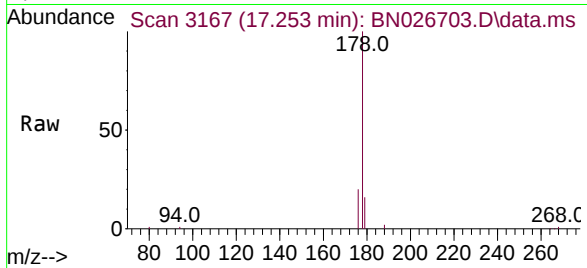
Tgt Ion:166 Resp: 1580
Ion Ratio Lower Upper
166 100
165 98.4 80.6 120.8
167 23.0 12.0 18.0#





#15
Phenanthrene
Concen: 0.322 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

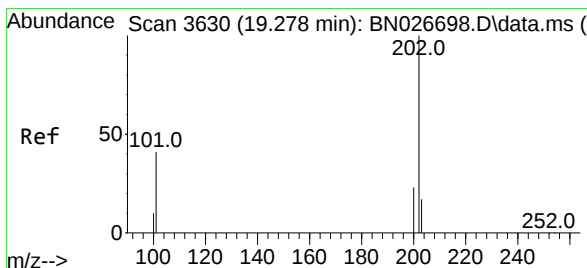
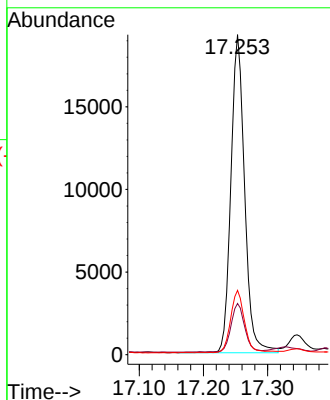
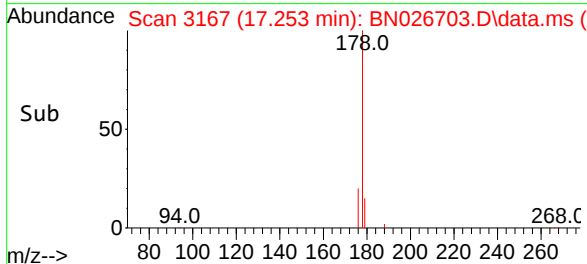
Instrument :
BNA_N
ClientSampleId :
A46R7



Tgt Ion:178 Resp: 28492
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 20.1 16.5 24.7

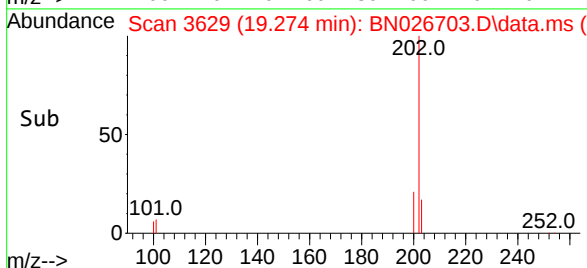
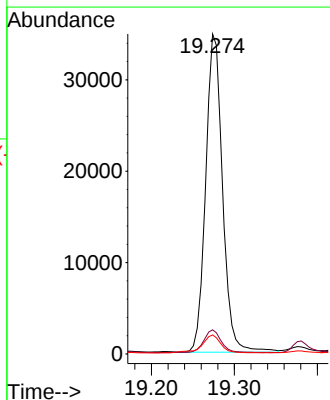
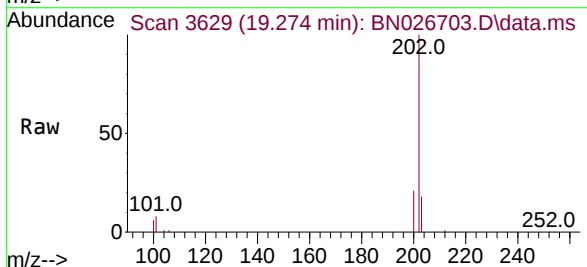
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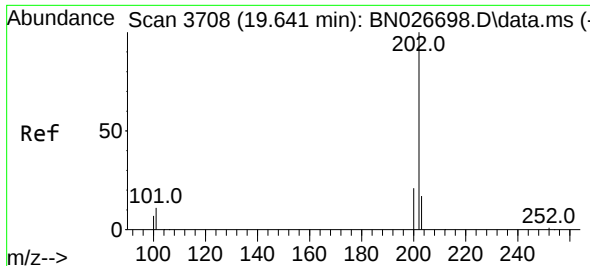
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#19
Fluoranthene
Concen: 0.234 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

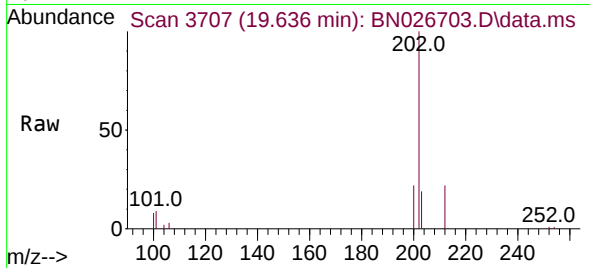
Tgt Ion:202 Resp: 49280
Ion Ratio Lower Upper
202 100
101 7.5 7.0 10.4
100 5.9 6.0 9.0#





#20
Pyrene
Concen: 0.129 ng/ul
RT: 19.636 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

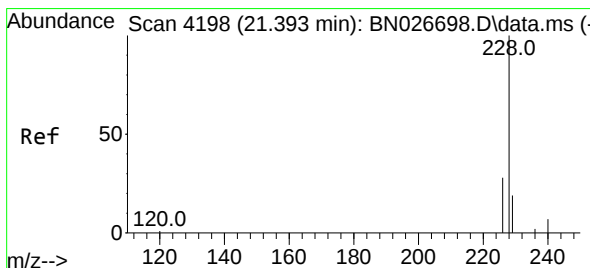
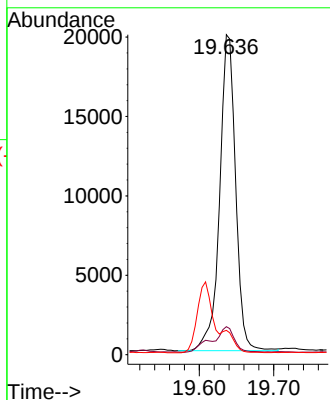
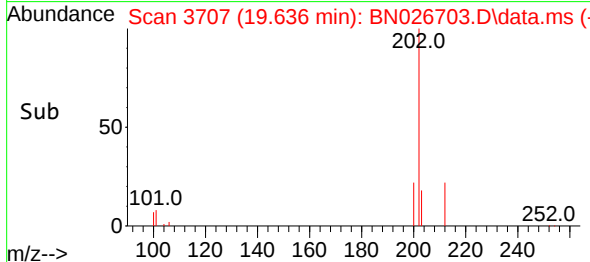
Instrument :
BNA_N
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A46R7



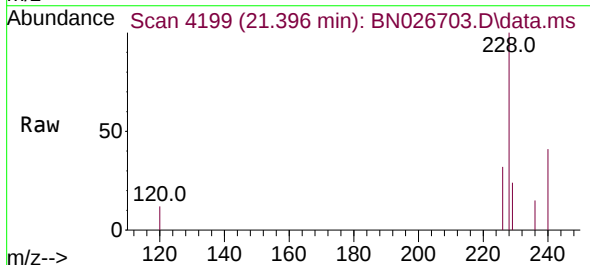
Tgt Ion:202 Resp: 2960
Ion Ratio Lower Upper
202 100
101 8.7 8.0 12.0
100 7.6 6.2 9.2

Manual Integrations
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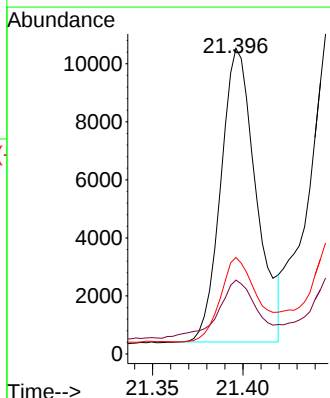
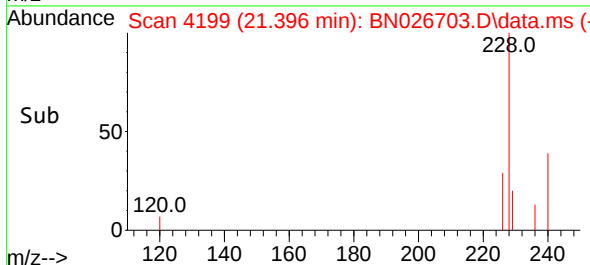
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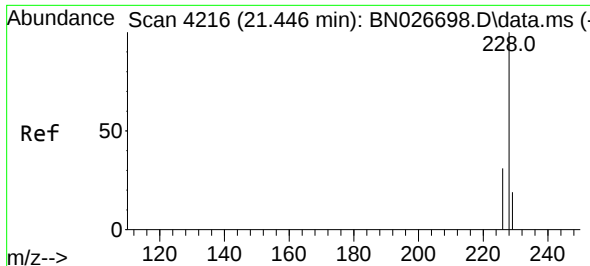


#21
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15



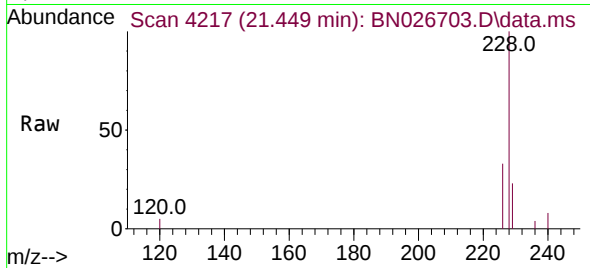
Tgt Ion:228 Resp: 13756
Ion Ratio Lower Upper
228 100
229 24.2 16.7 25.1
226 31.6 23.5 35.3





#22
Chrysene
Concen: 0.097 ng/ul
RT: 21.449 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

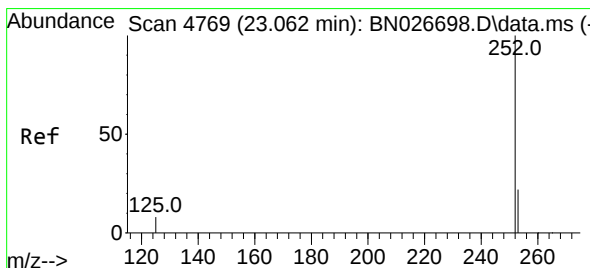
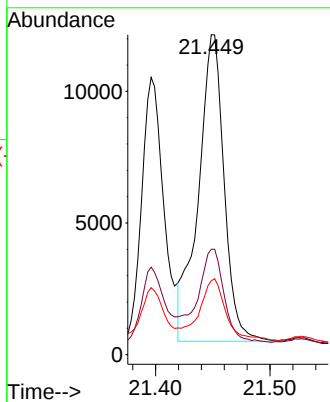
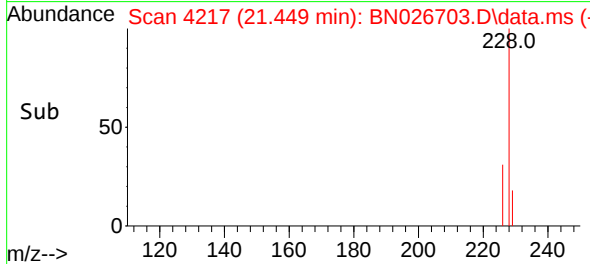
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A46R7



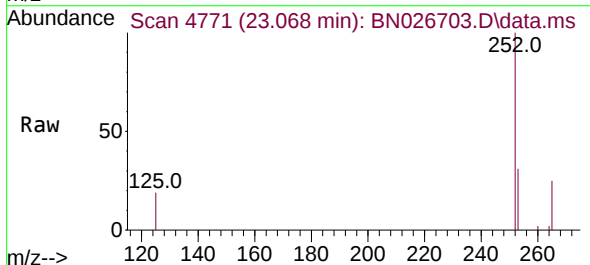
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Ion Ratio Lower Upper
228 100
226 33.0 25.2 37.8
229 23.1 16.4 24.6

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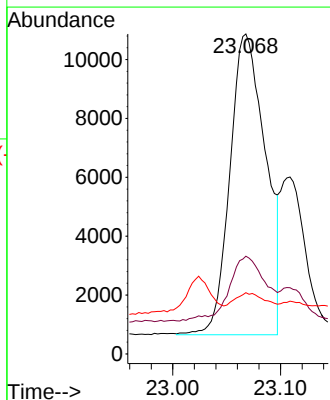
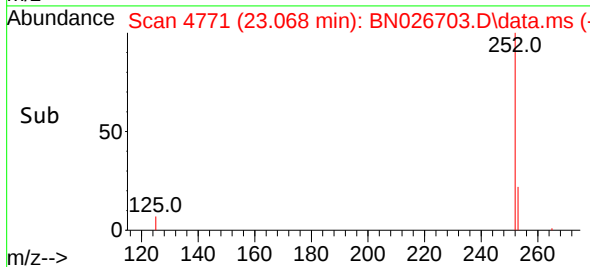
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

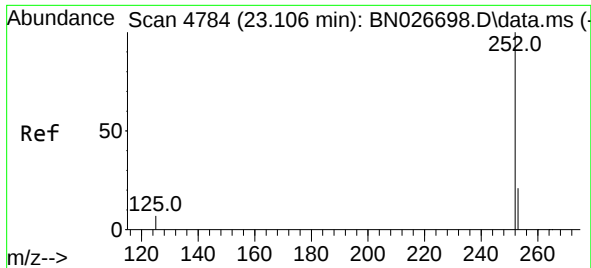


#24
Benzo(b)fluoranthene
Concen: 0.144 ng/ul m
RT: 23.068 min Scan# 4771
Delta R.T. 0.000 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15



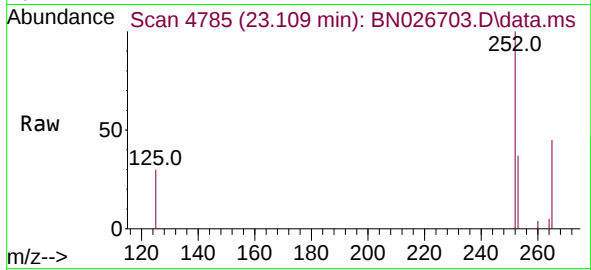
Tgt Ion:252 Resp: 23530
Ion Ratio Lower Upper
252 100
253 30.5 0.0 68.6
125 19.2 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.050 ng/ul m
RT: 23.109 min Scan# 4784
Delta R.T. -0.006 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

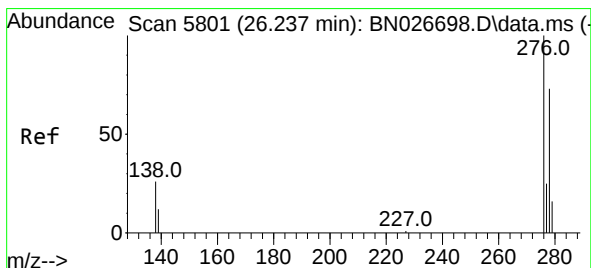
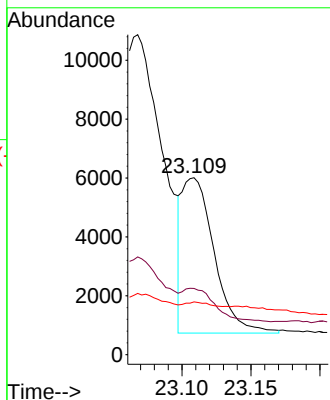
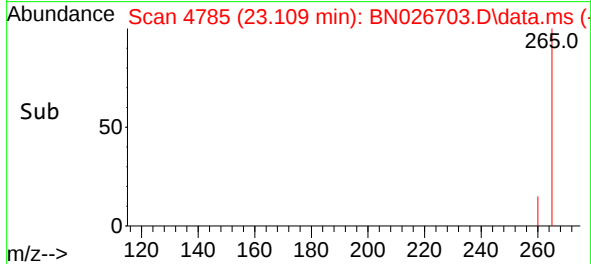
Instrument :
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Tgt Ion:252 Resp: 857
Ion Ratio Lower Upper
252 100
253 37.4 27.2 40.8
125 29.8 13.4 20.2

Manual Integrations
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Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 26.241 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BN026703.D
Acq: 24 Jul 2023 08:15

Tgt Ion:276 Resp: 6964
Ion Ratio Lower Upper
276 100
138 18.0 22.2 33.4#
227 0.2 0.1 0.1#

