

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026468.D
 Acq On : 11 Jul 2023 18:22
 Operator : MA/JU
 Sample : 03414-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46E6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 02:13:02 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 : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4283	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	11825	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.556	164	8087	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	23771	0.400	ng/ul	-0.02
17) Chrysene-d12	21.511	240	12542	0.400	ng/ul	# 0.00
23) Perylene-d12	23.948	264	18366	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4027	0.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	1115	0.061	ng/ul	-0.02
18) Fluoranthene-d10	19.339	212	2733	0.057	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.769	128	211522	6.241	ng/ul	99
7) 2-Methylnaphthalene	12.386	142	41942	1.943	ng/ul	100
8) 1-Methylnaphthalene	12.606	142	29458	1.317	ng/ul	100
10) Acenaphthylene	14.278	152	24828	0.656	ng/ul#	95
11) Acenaphthene	14.621	153	490308	15.828	ng/ul	98
12) Fluorene	15.606	166	298280	8.399	ng/ul	100
15) Phenanthrene	17.355	178	3762887	47.924	ng/ul	100
16) Anthracene	17.444	178	633688	9.080	ng/ul	100
19) Fluoranthene	19.377	202	4830952	72.115	ng/ul#	92
20) Pyrene	19.739	202	4516183	64.816	ng/ul	94
21) Benzo(a)anthracene	21.493	228	2049501	39.612	ng/ul	97
22) Chrysene	21.549	228	2135140	39.660	ng/ul	97
24) Benzo(b)fluoranthene	23.209	252	2274041m	29.010	ng/ul	
25) Benzo(k)fluoranthene	23.250	252	900948m	11.445	ng/ul	
26) Benzo(a)pyrene	23.843	252	1517651	22.291	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.490	276	1006908	13.540	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.493	278	269328	4.785	ng/ul	94
29) Benzo(g,h,i)perylene	27.274	276	150642	2.277	ng/ul	95

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

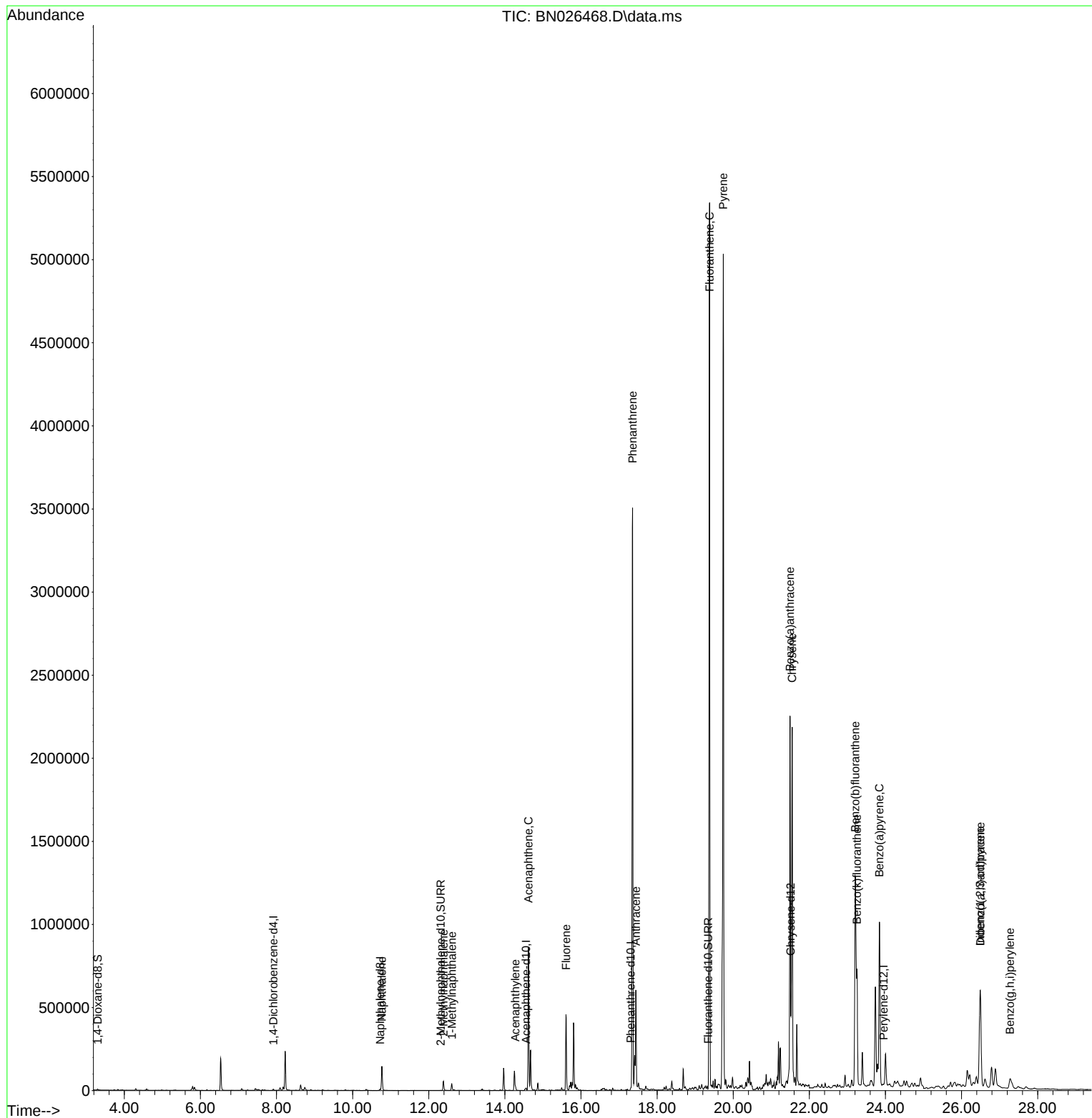
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026468.D
Acq On : 11 Jul 2023 18:22
Operator : MA/JU
Sample : 03414-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

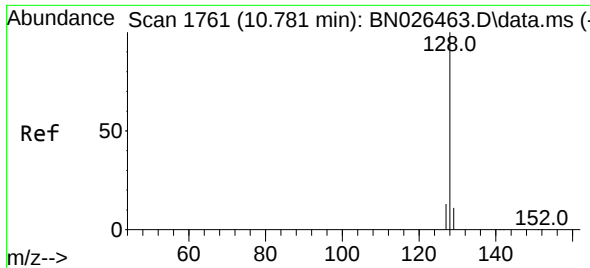
Instrument :
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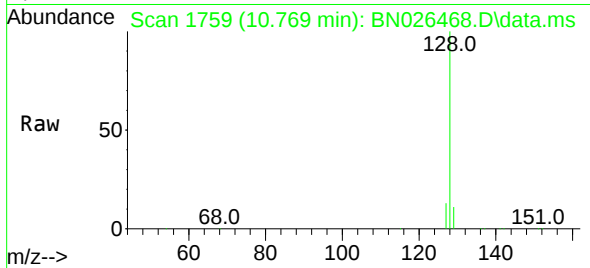
Quant Time: Jul 12 02:13:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 6.241 ng/ul
RT: 10.769 min Scan# 1759
Delta R.T. -0.018 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

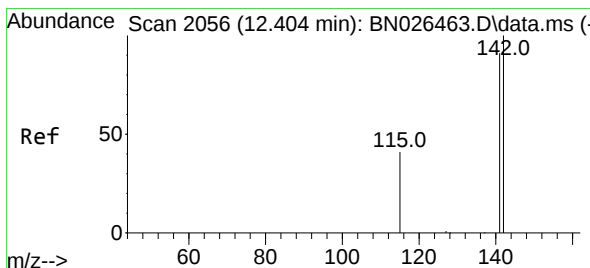
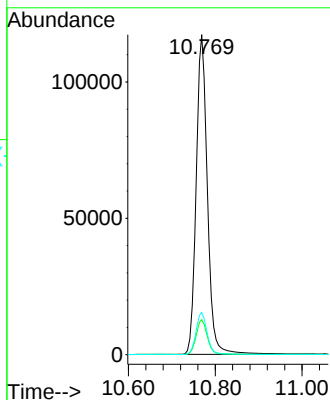
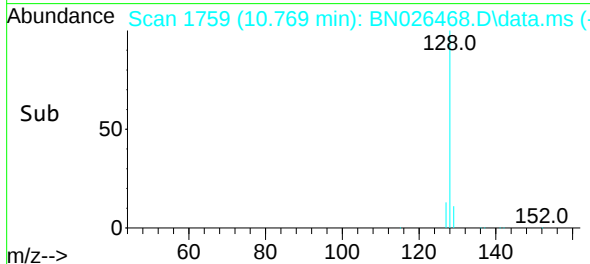
Instrument :
BNA_N
ClientSampleId :
A46E6



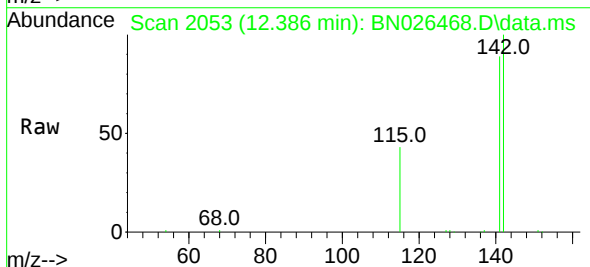
Tgt Ion:128 Resp: 21152
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.2 10.7 16.1

Manual Integrations
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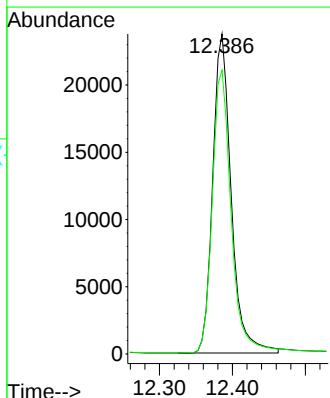
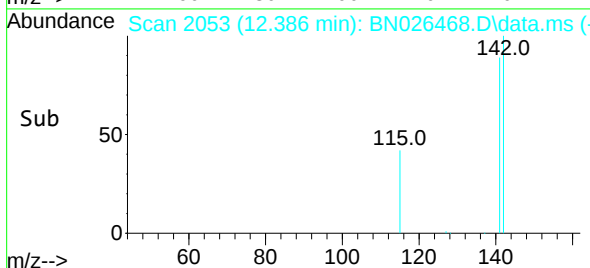
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

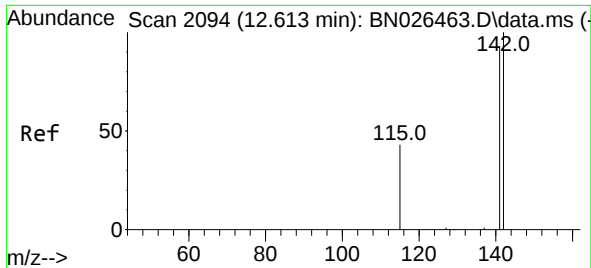


#7
2-Methylnaphthalene
Concen: 1.943 ng/ul
RT: 12.386 min Scan# 2053
Delta R.T. -0.018 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22



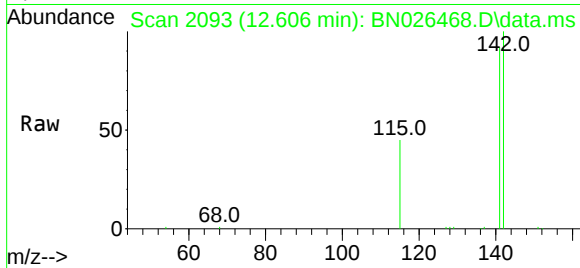
Tgt Ion:142 Resp: 41942
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 1.317 ng/ul
RT: 12.606 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

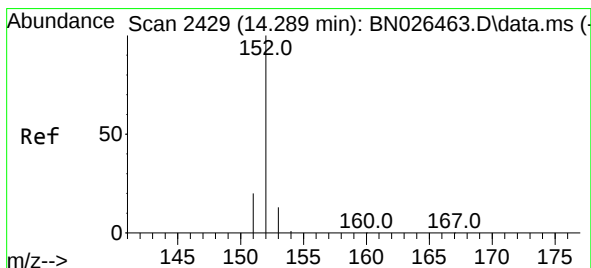
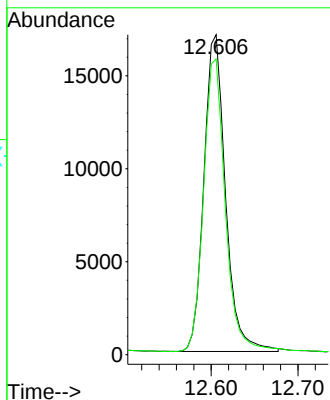
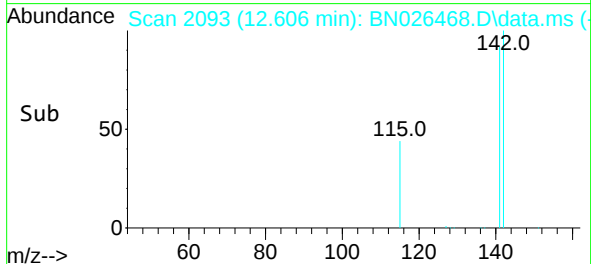
Instrument :
BNA_N
ClientSampleId :
A46E6



Tgt Ion:142 Resp: 29458
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

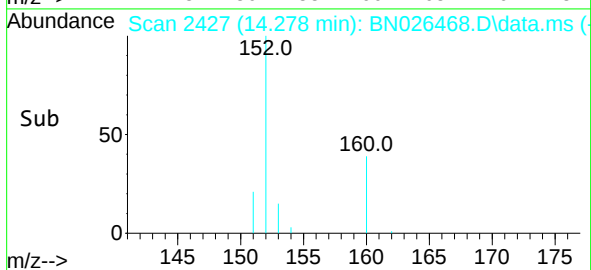
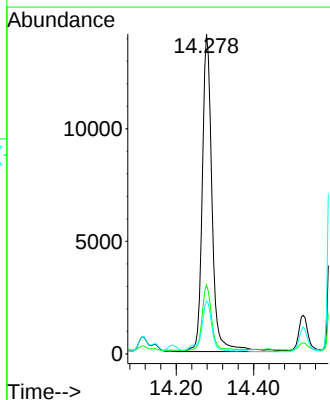
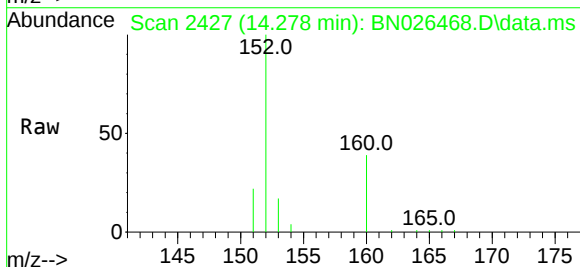
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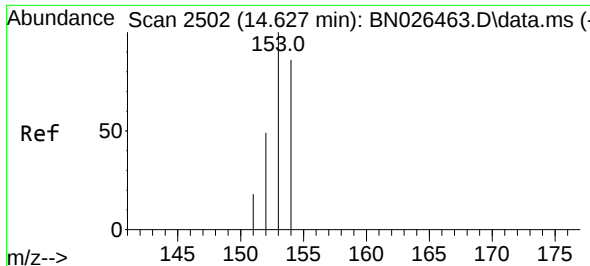
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#10
Acenaphthylene
Concen: 0.656 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.014 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

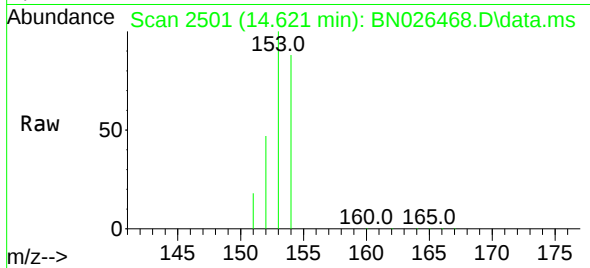
Tgt Ion:152 Resp: 24828
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.4
153 16.6 10.9 16.3#





#11
Acenaphthene
Concen: 15.828 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

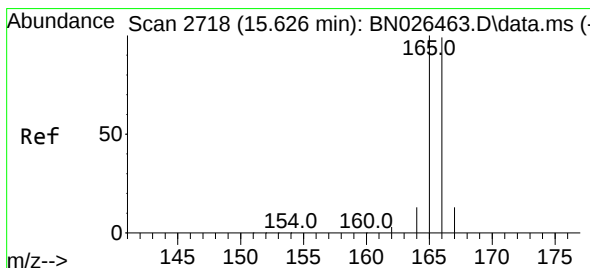
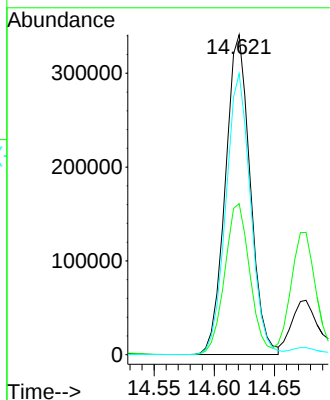
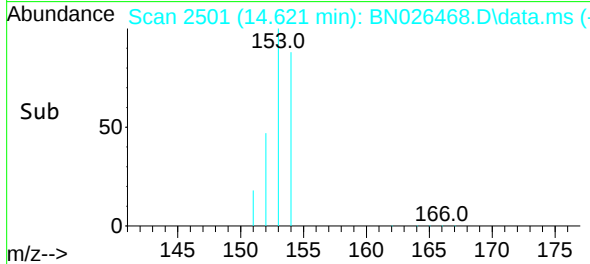
Instrument :
BNA_N
ClientSampleId :
A46E6



Tgt Ion:153 Resp: 490308
Ion Ratio Lower Upper
153 100
152 47.2 39.4 59.0
154 87.9 68.9 103.3

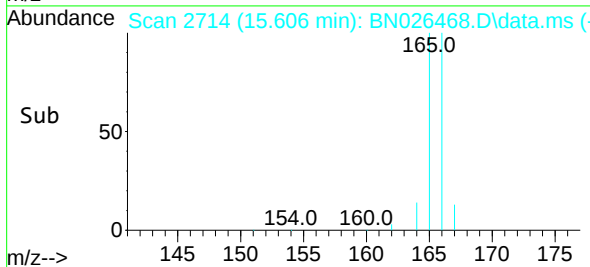
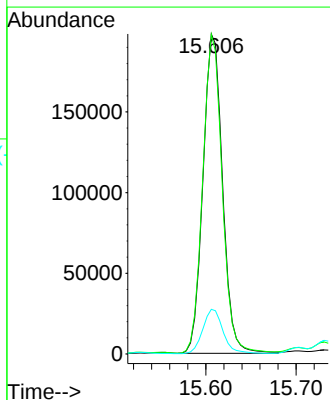
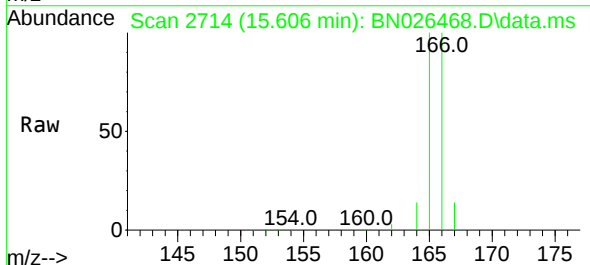
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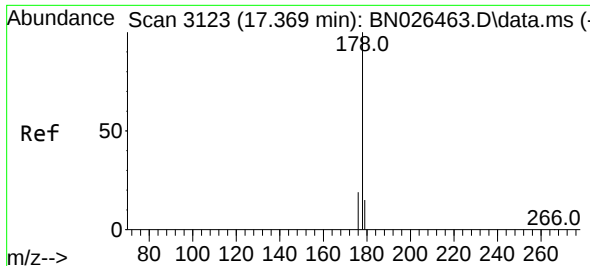
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#12
Fluorene
Concen: 8.399 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.019 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

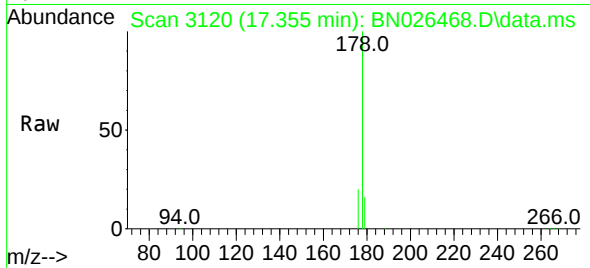
Tgt Ion:166 Resp: 298280
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 13.9 10.8 16.2





#15
Phenanthrene
Concen: 47.924 ng/ul
RT: 17.355 min Scan# 3120
Delta R.T. -0.013 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

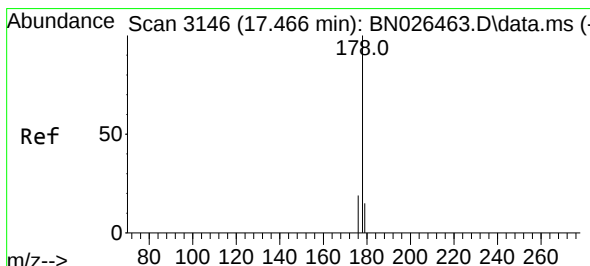
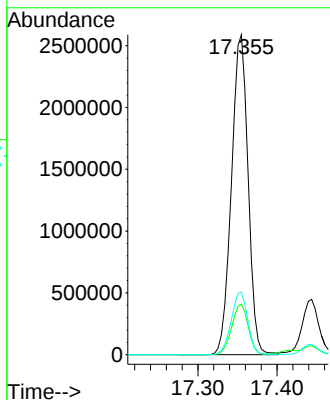
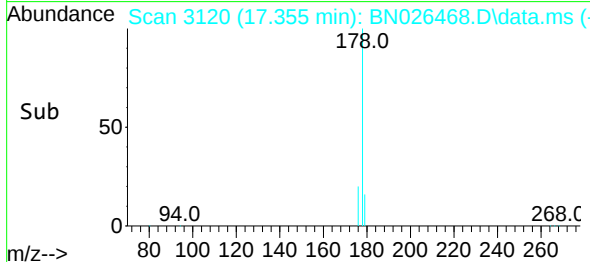
Instrument :
BNA_N
ClientSampleId :
A46E6



Tgt Ion:178 Resp: 376288
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.6

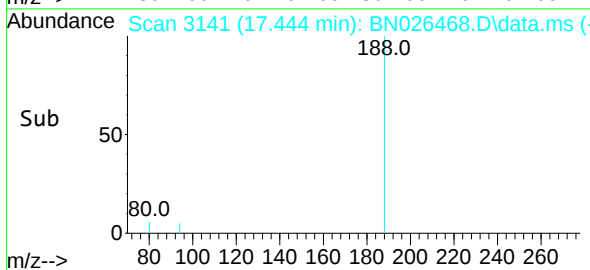
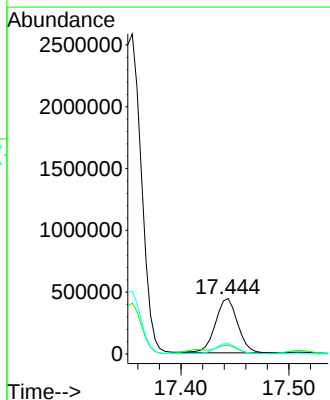
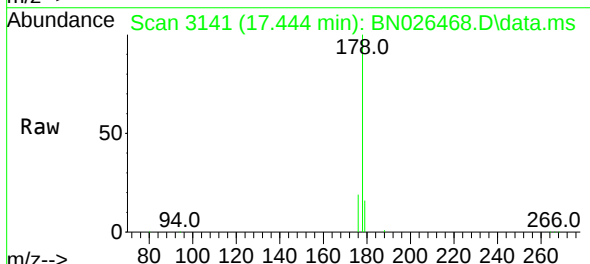
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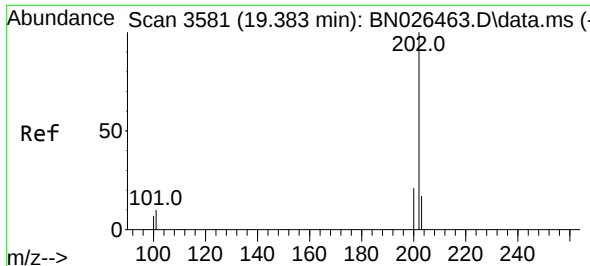
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 9.080 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. -0.021 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

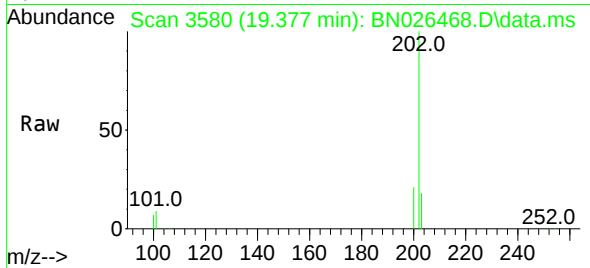
Tgt Ion:178 Resp: 633688
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.6 15.1 22.7





#19
Fluoranthene
Concen: 72.115 ng/u1
RT: 19.377 min Scan# 3580
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

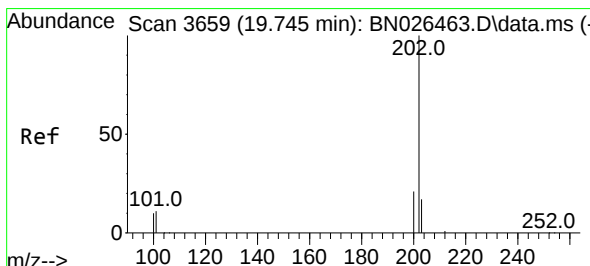
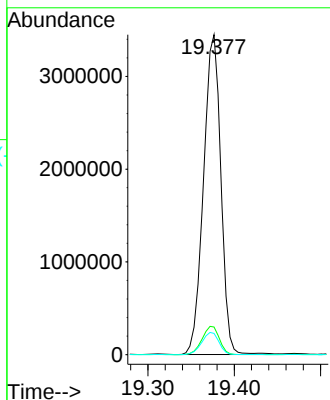
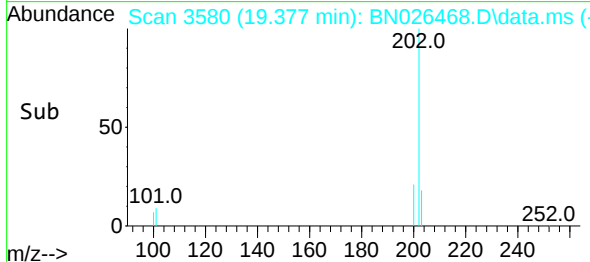
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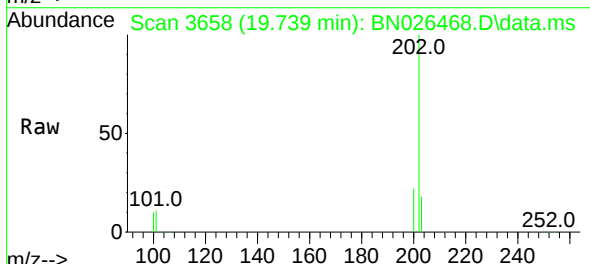
Tgt Ion:202 Resp: 4830952
Ion Ratio Lower Upper
202 100
101 8.7 9.5 14.3
100 6.7 7.3 10.9

Manual Integrations
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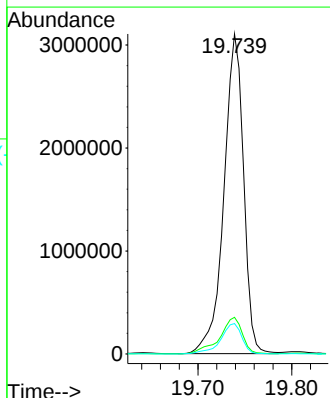
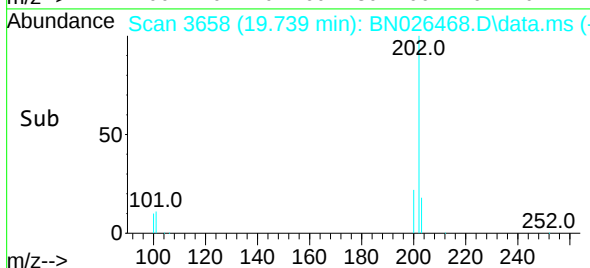
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

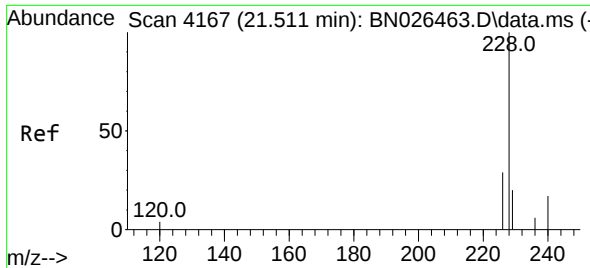


#20
Pyrene
Concen: 64.816 ng/u1
RT: 19.739 min Scan# 3658
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22



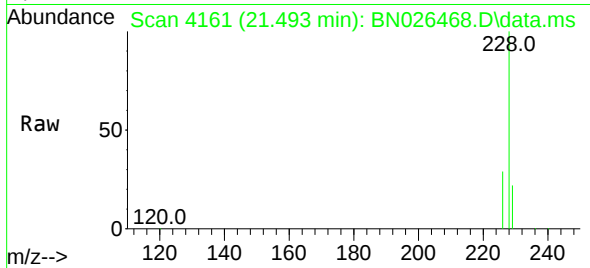
Tgt Ion:202 Resp: 4516183
Ion Ratio Lower Upper
202 100
101 11.5 11.4 17.0
100 9.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 39.612 ng/u1
RT: 21.493 min Scan# 4167
Delta R.T. -0.007 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

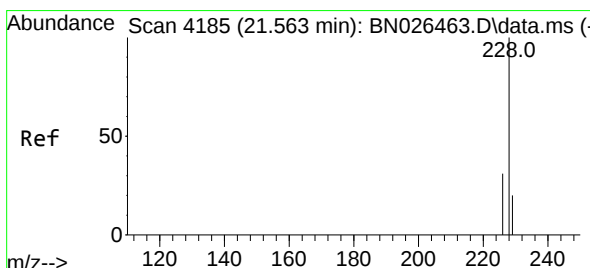
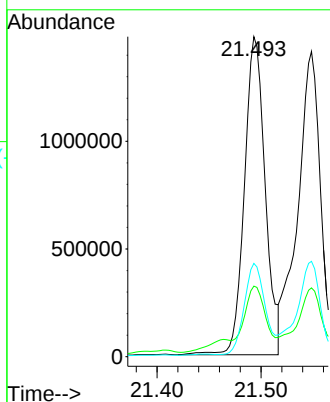
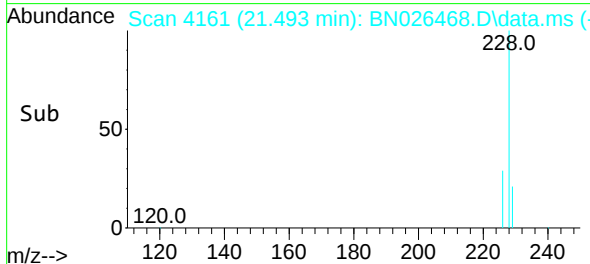
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 204950
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 29.2 22.5 33.7

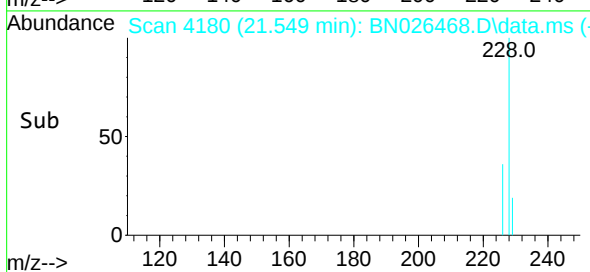
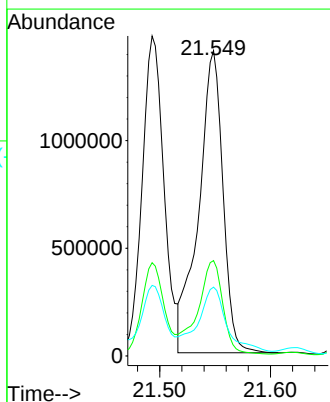
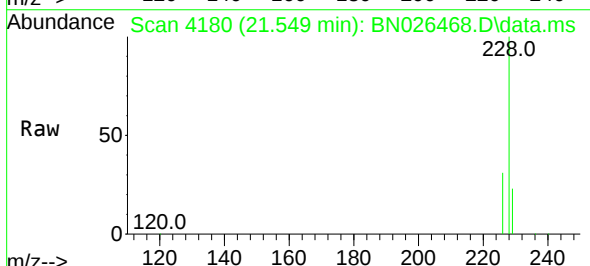
Manual Integrations
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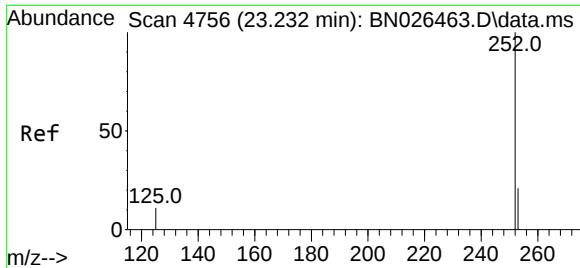
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 39.660 ng/u1
RT: 21.549 min Scan# 4180
Delta R.T. -0.004 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

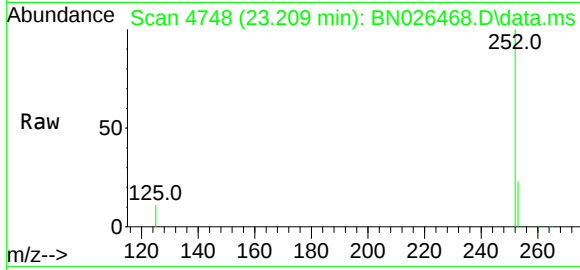
Tgt Ion:228 Resp: 2135140
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 29.010 ng/ul m
RT: 23.209 min Scan# 4756
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

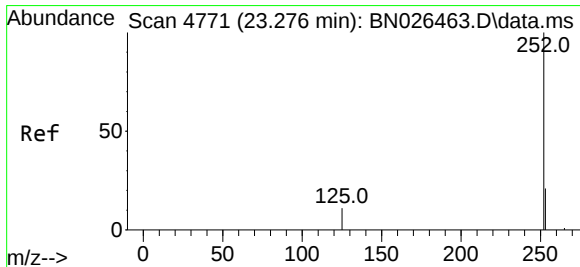
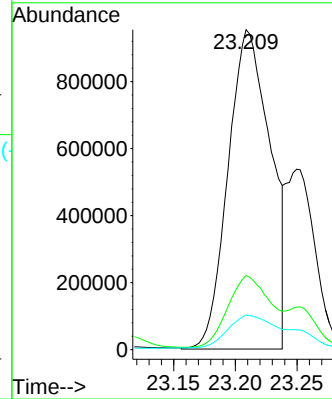
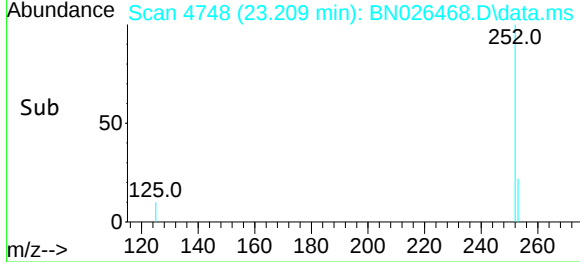
Instrument :
BNA_N
ClientSampleId :
A46E6



Tgt Ion:252 Resp: 227404
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 10.8 0.0 35.8

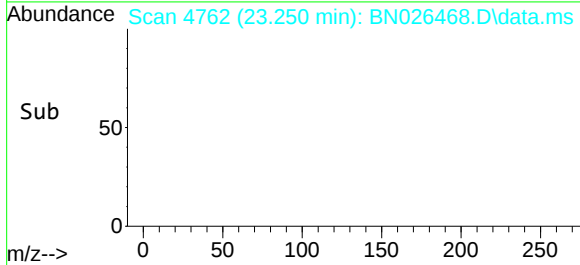
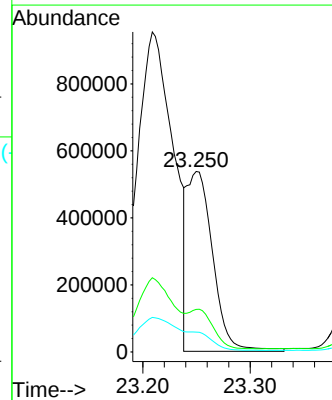
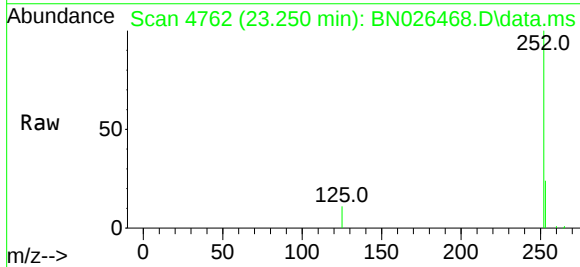
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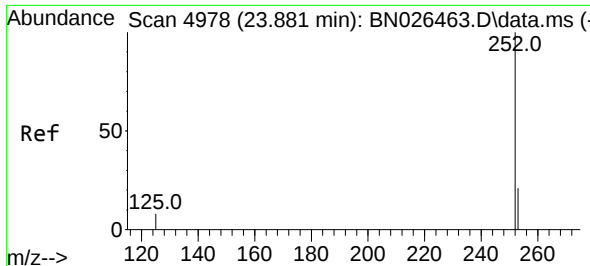
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 11.445 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. -0.012 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

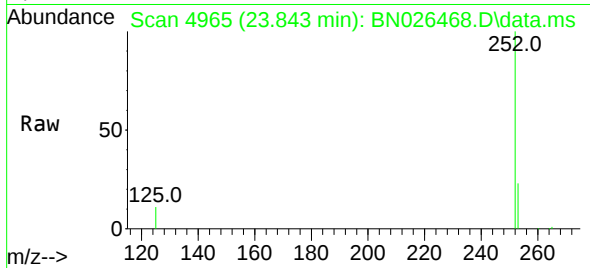
Tgt Ion:252 Resp: 900948
Ion Ratio Lower Upper
252 100
253 23.6 23.2 34.8
125 11.0 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 22.291 ng/ul
RT: 23.843 min Scan# 4978
Delta R.T. -0.027 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

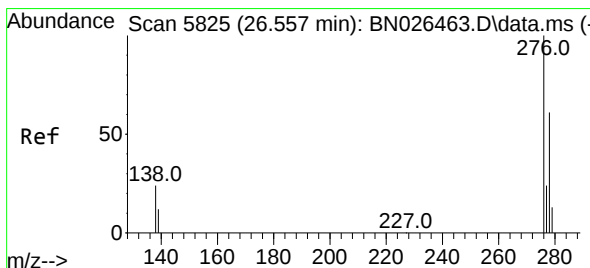
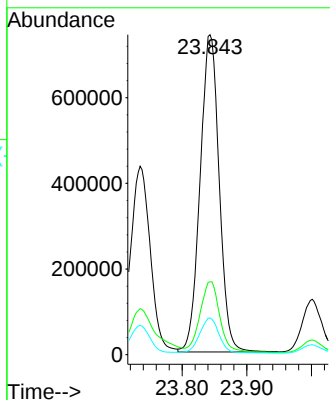
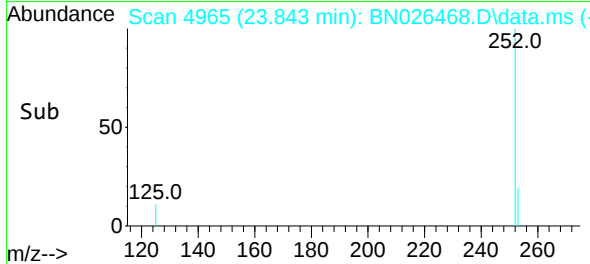
Instrument :
BNA_N
ClientSampleId :
A46E6



Tgt Ion:252 Resp: 151765
Ion Ratio Lower Upper
252 100
253 22.7 26.0 39.0#
125 11.4 17.3 25.9#

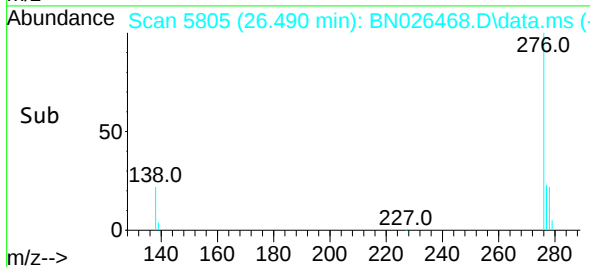
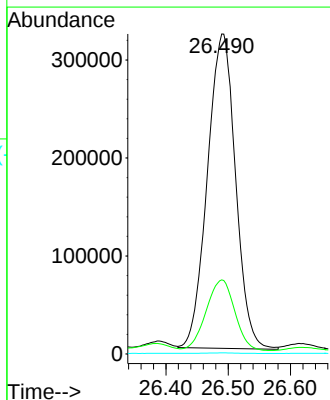
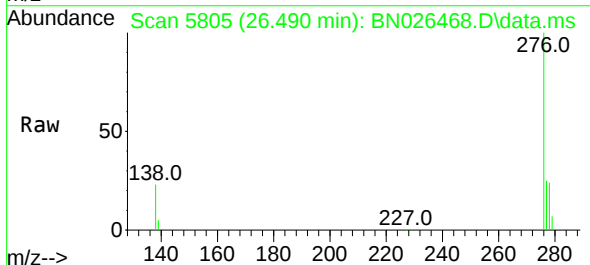
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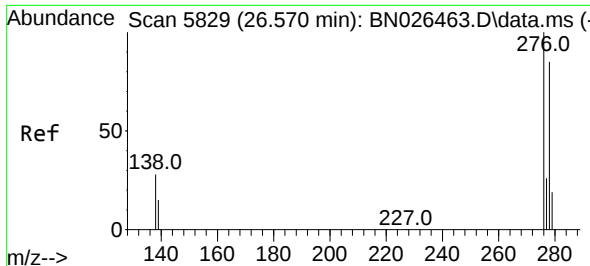
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 13.540 ng/ul
RT: 26.490 min Scan# 5805
Delta R.T. -0.051 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

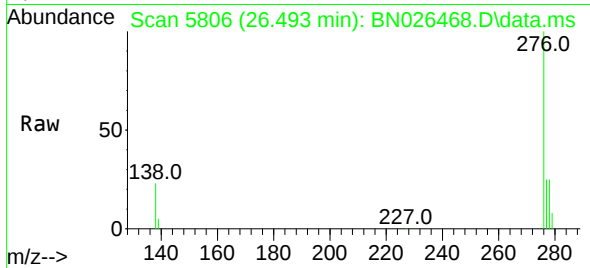
Tgt Ion:276 Resp: 1006908
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 4.785 ng/ul
RT: 26.493 min Scan# 5806
Delta R.T. -0.068 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

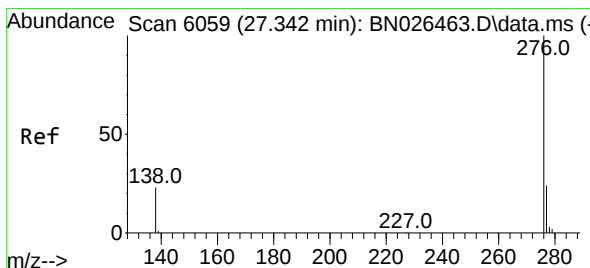
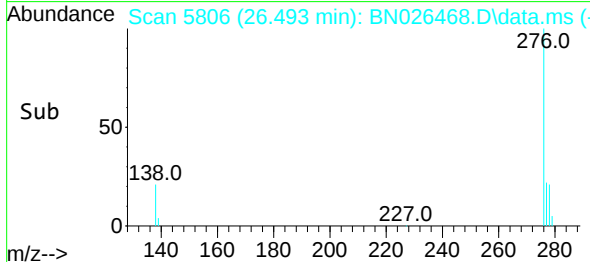
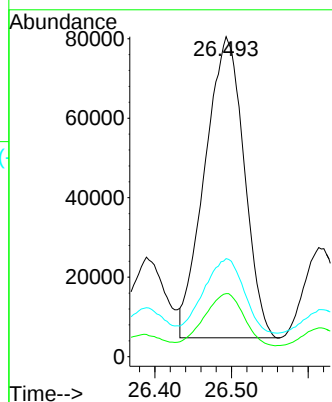
Instrument :
BNA_N
ClientSampleId :
A46E6



Tgt Ion:278 Resp: 269328
Ion Ratio Lower Upper
278 100
139 19.7 19.0 28.4
279 30.6 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#29
Benzo(g,h,i)perylene
Concen: 2.277 ng/ul
RT: 27.274 min Scan# 6039
Delta R.T. -0.061 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:276 Resp: 150642
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 28.7 20.0 30.0

