

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026224.D
 Acq On : 03 Jul 2023 13:45
 Operator : MA/JU
 Sample : 03246-07
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 23:21:49 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10856	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	33561	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	20374	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	40446	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	23405	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	24526	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	39291	3.214	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.354	152	13525	0.262	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	26408	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	13165	0.137	ng/ul	97
7) 2-Methylnaphthalene	12.425	142	8551	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	8228	0.130	ng/ul	100
10) Acenaphthylene	14.316	152	26215	0.275	ng/ul	98
11) Acenaphthene	14.658	153	9400	0.120	ng/ul	99
12) Fluorene	15.643	166	7000	0.078	ng/ul#	94
15) Phenanthrene	17.385	178	332039	2.485	ng/ul	99
16) Anthracene	17.478	178	79322	0.668	ng/ul	99
19) Fluoranthene	19.405	202	616292	4.930	ng/ul	98
20) Pyrene	19.768	202	532386	4.094	ng/ul	97
21) Benzo(a)anthracene	21.523	228	246002	2.548	ng/ul	97
22) Chrysene	21.576	228	291791	2.904	ng/ul	97
24) Benzo(b)fluoranthene	23.256	252	429275m	4.101	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	135118m	1.285	ng/ul	
26) Benzo(a)pyrene	23.908	252	265638	2.922	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.598	276	218500	2.200	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.614	278	53845	0.716	ng/ul	97
29) Benzo(g,h,i)perylene	27.413	276	202930	2.297	ng/ul	95

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

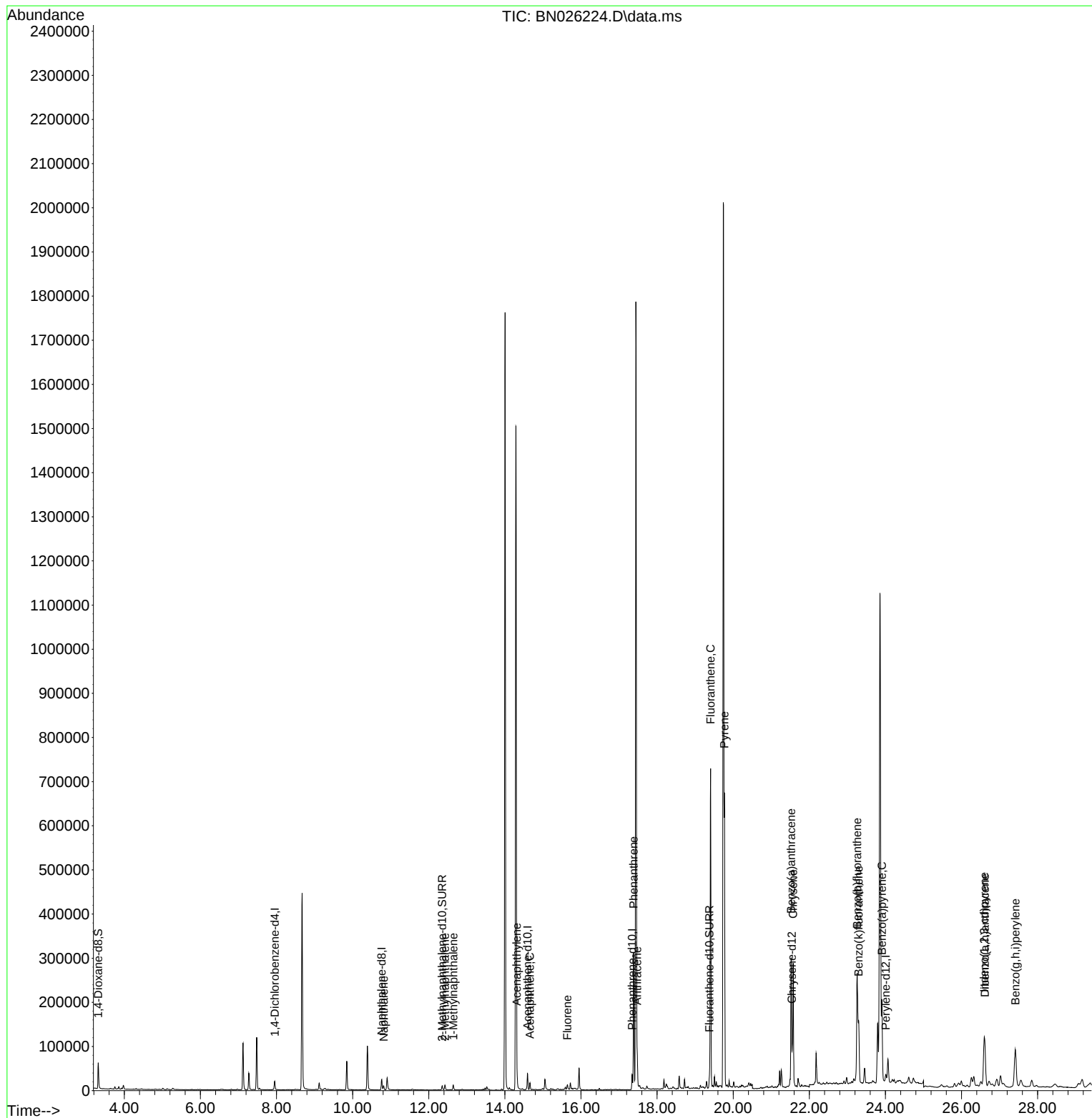
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026224.D
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ALS Vial : 81 Sample Multiplier: 1

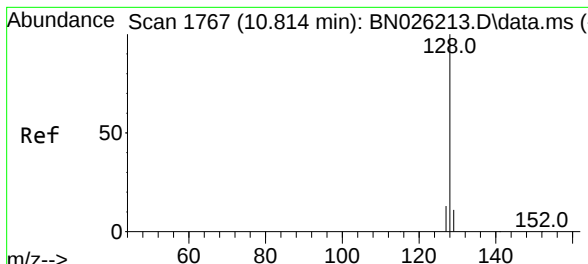
Instrument :
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ClientSampleId :
DCGJ4

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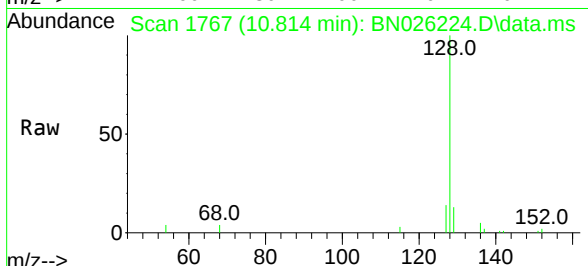
#5
 Naphthalene
 Concen: 0.137 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. -0.011 min
 Lab File: BN026224.D
 Acq: 03 Jul 2023 13:45

Instrument :

BNA_N

ClientSampleId :

DCGJ4

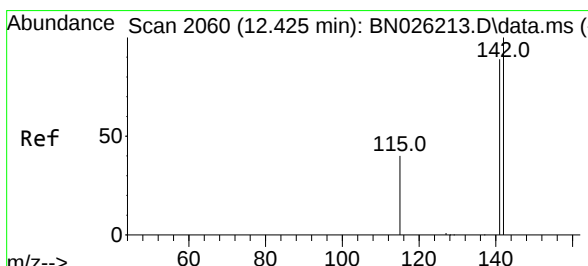
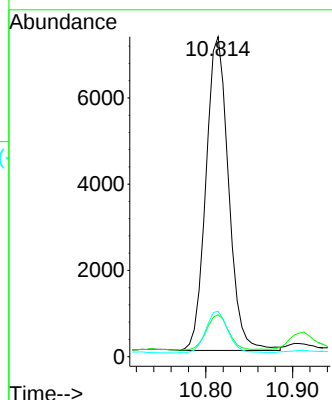
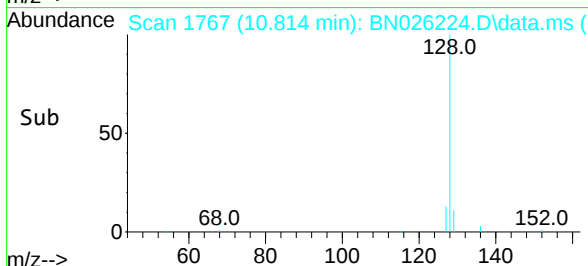


Tgt Ion:128 Resp: 1316
 Ion Ratio Lower Upper
 128 100
 129 13.1 9.1 13.7
 127 14.2 10.7 16.1

Manual Integrations

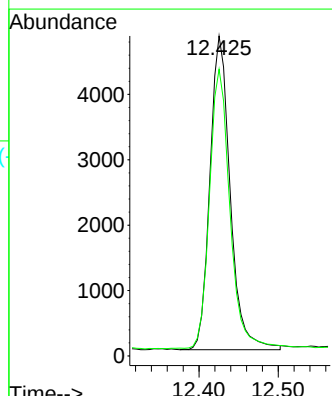
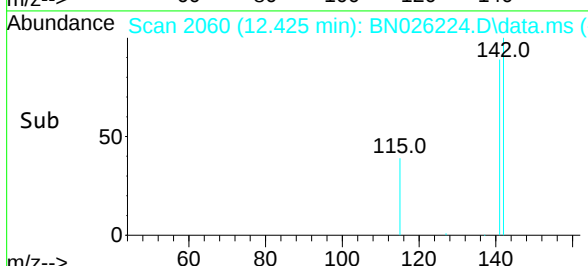
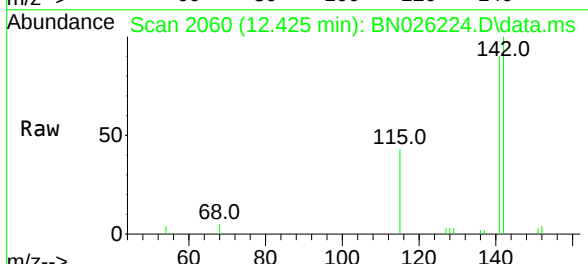
APPROVED

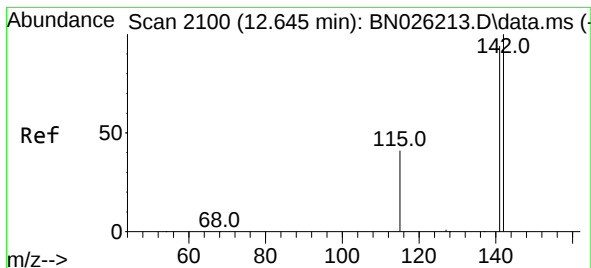
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#7
 2-Methylnaphthalene
 Concen: 0.140 ng/ul
 RT: 12.425 min Scan# 2060
 Delta R.T. -0.011 min
 Lab File: BN026224.D
 Acq: 03 Jul 2023 13:45

Tgt Ion:142 Resp: 8551
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.130 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026224.D

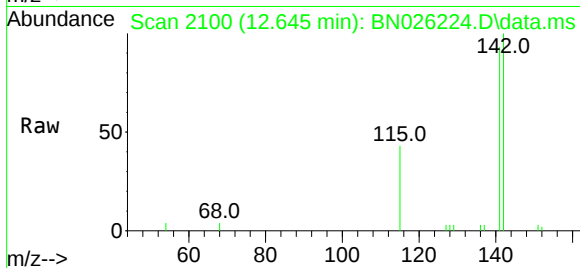
Acq: 03 Jul 2023 13:45

Instrument :

BNA_N

ClientSampleId :

DCGJ4



Tgt Ion:142 Resp: 8228

Ion Ratio Lower Upper

142 100

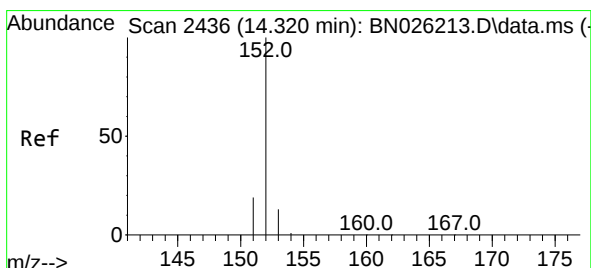
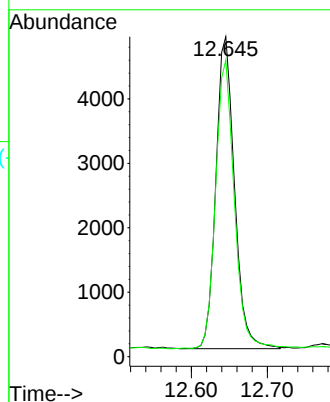
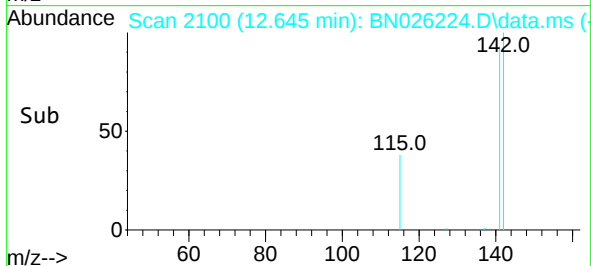
141 93.2 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/04/2023

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#10

Acenaphthylene

Concen: 0.275 ng/ul

RT: 14.316 min Scan# 2435

Delta R.T. -0.010 min

Lab File: BN026224.D

Acq: 03 Jul 2023 13:45

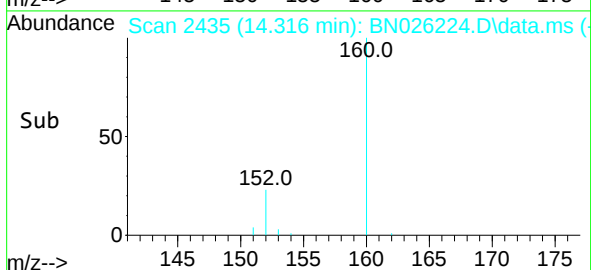
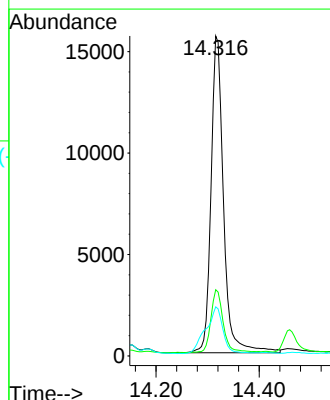
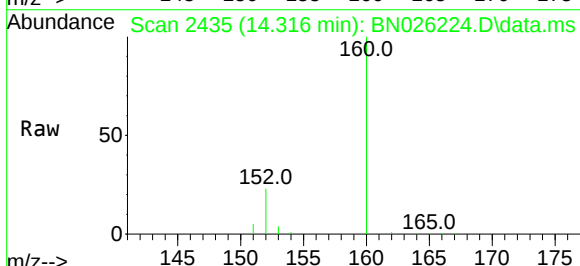
Tgt Ion:152 Resp: 26215

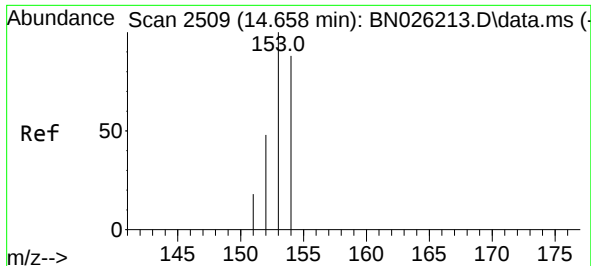
Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

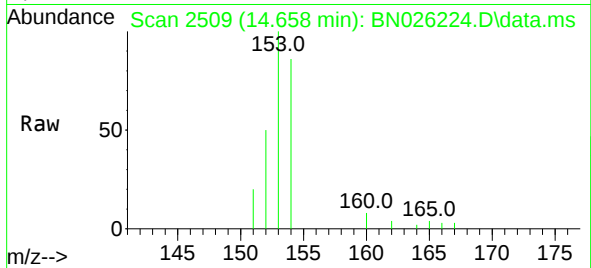
153 15.4 10.9 16.3





#11
Acenaphthene
Concen: 0.120 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

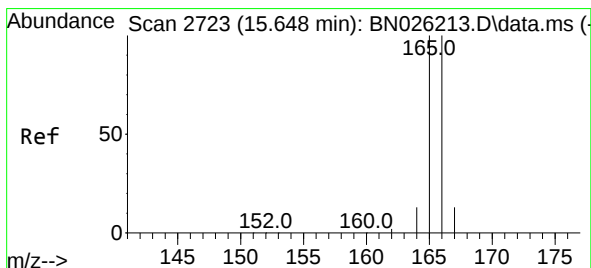
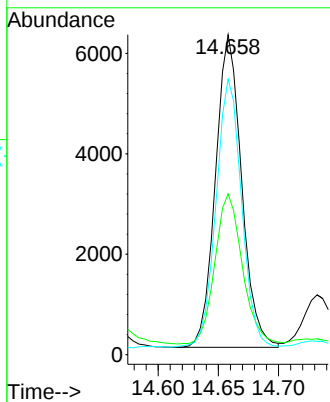
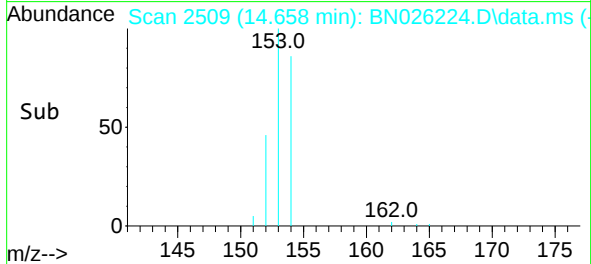
Instrument :
BNA_N
ClientSampleId :
DCGJ4



Tgt Ion:153 Resp: 9400
Ion Ratio Lower Upper
153 100
152 50.3 39.4 59.0
154 86.1 68.9 103.3

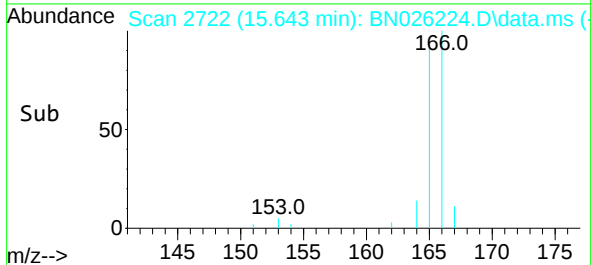
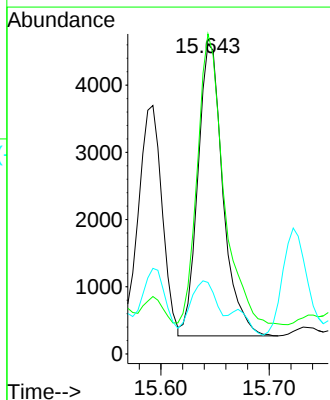
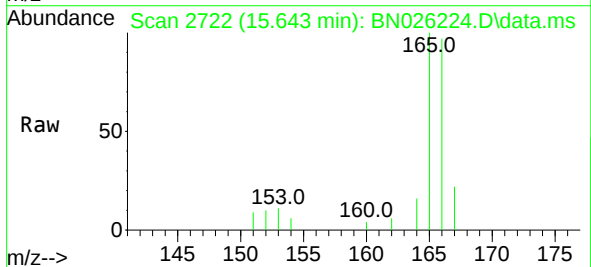
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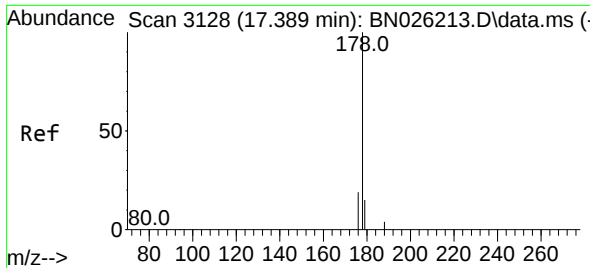
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.078 ng/u1
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

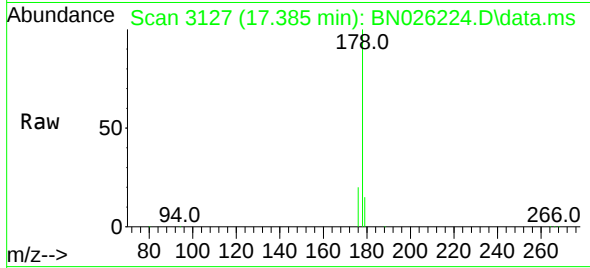
Tgt Ion:166 Resp: 7000
Ion Ratio Lower Upper
166 100
165 103.1 79.9 119.9
167 23.1 10.8 16.2





#15
Phenanthrene
Concen: 2.485 ng/u1
RT: 17.385 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

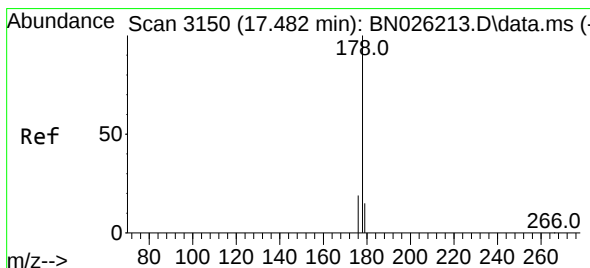
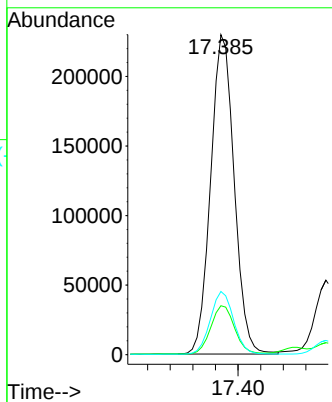
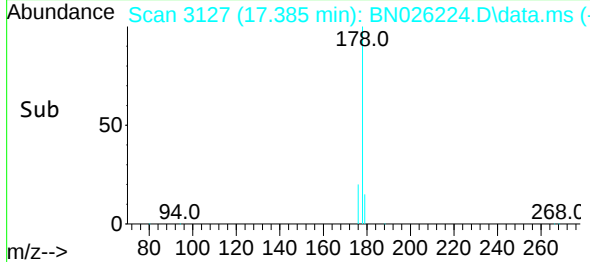
Instrument :
BNA_N
ClientSampleId :
DCGJ4



Tgt Ion:178 Resp: 332039
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.7 15.8 23.6

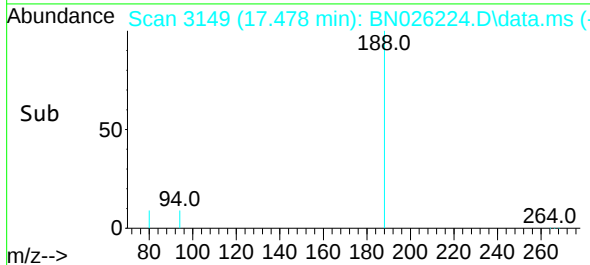
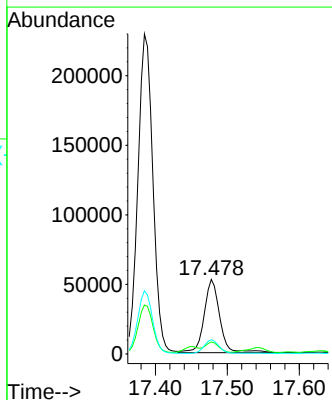
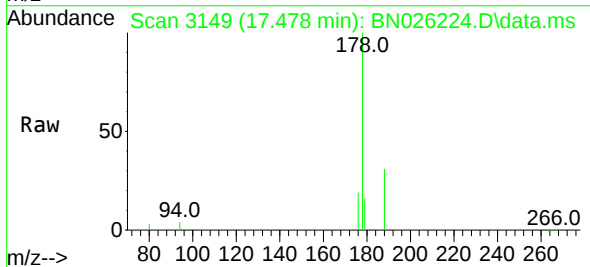
Manual Integrations
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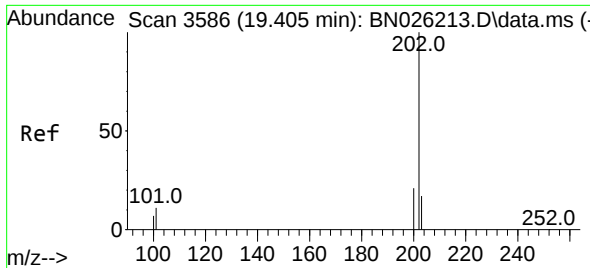
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.668 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

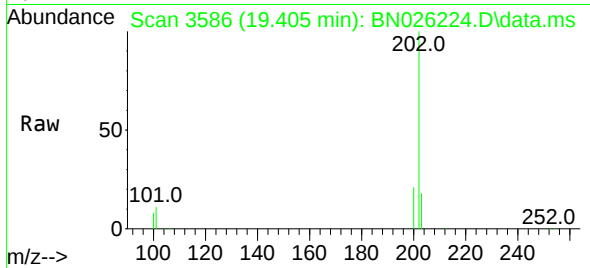
Tgt Ion:178 Resp: 79322
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.1 15.1 22.7





#19
Fluoranthene
Concen: 4.930 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

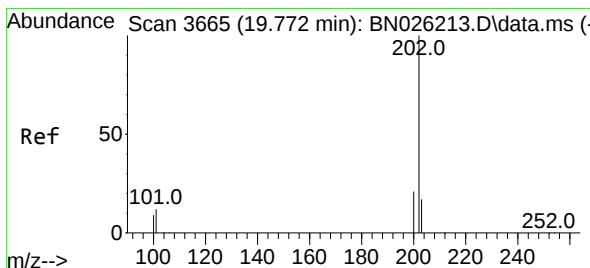
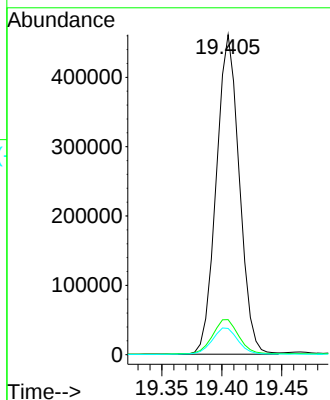
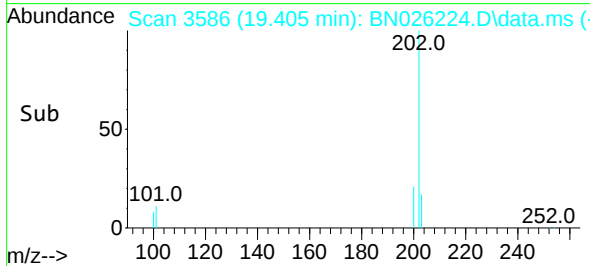
Instrument :
BNA_N
ClientSampleId :
DCGJ4



Tgt Ion:202 Resp: 616292
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.2 7.3 10.9

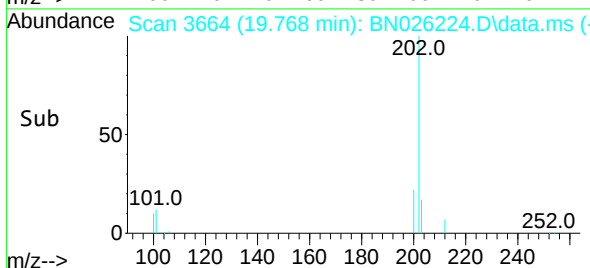
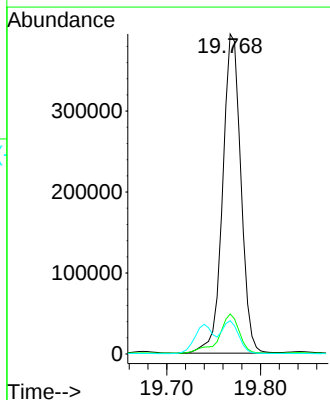
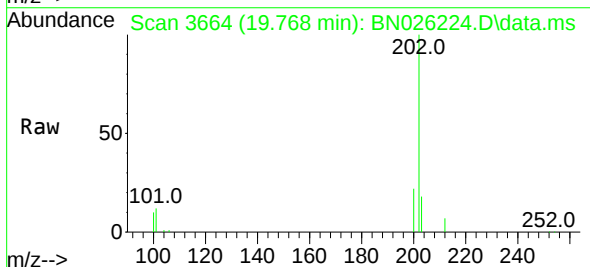
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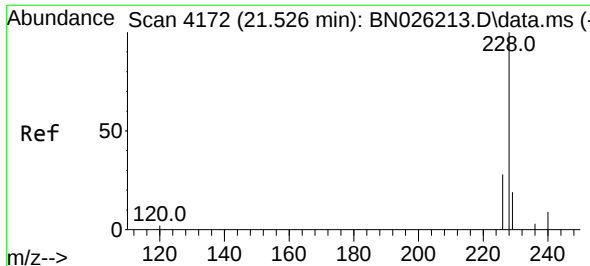
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 4.094 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

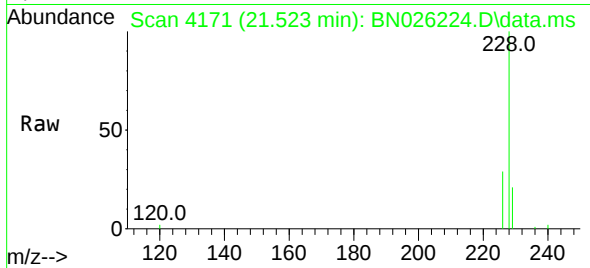
Tgt Ion:202 Resp: 532386
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.548 ng/u1
RT: 21.523 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

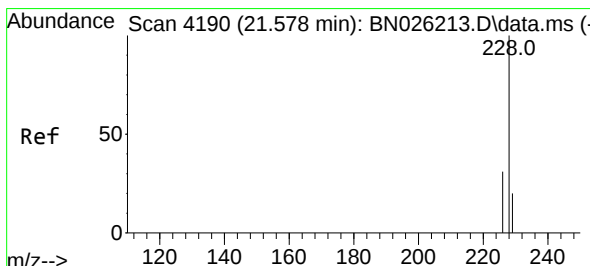
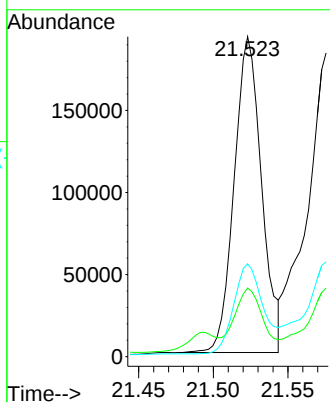
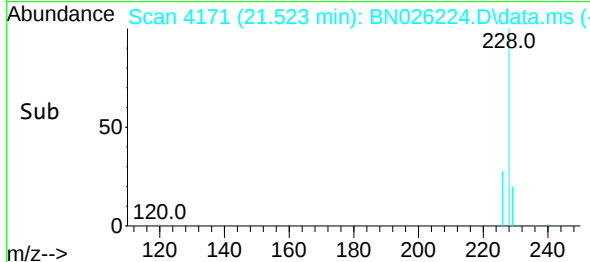
Instrument :
BNA_N
ClientSampleId :
DCGJ4



Tgt Ion:228 Resp: 246000
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.1 22.5 33.7

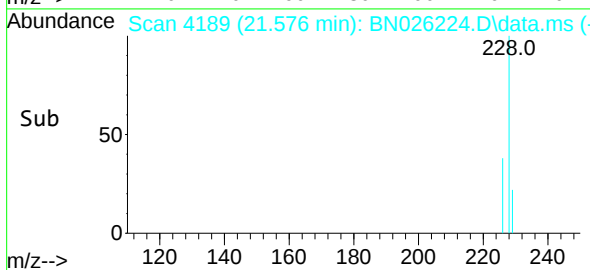
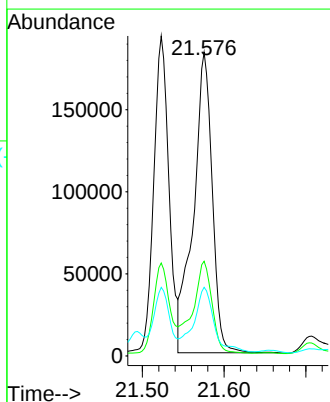
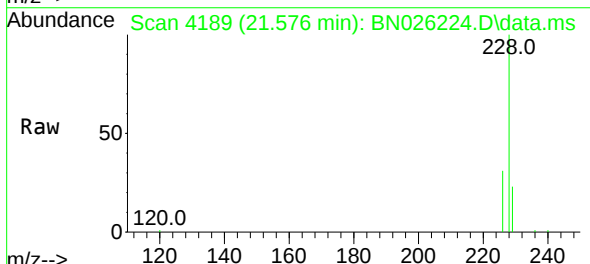
Manual Integrations
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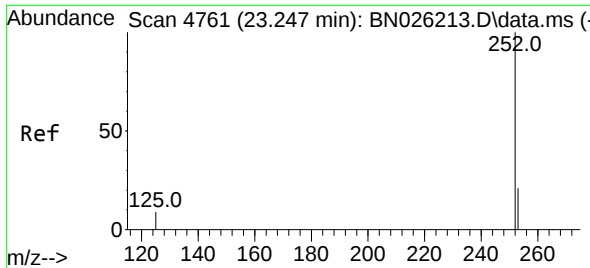
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 2.904 ng/u1
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

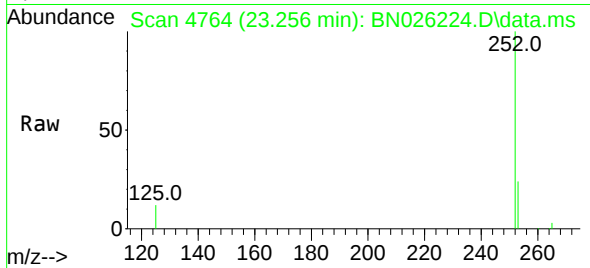
Tgt Ion:228 Resp: 291791
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.101 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. 0.014 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

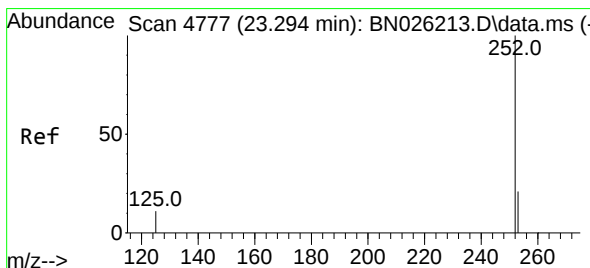
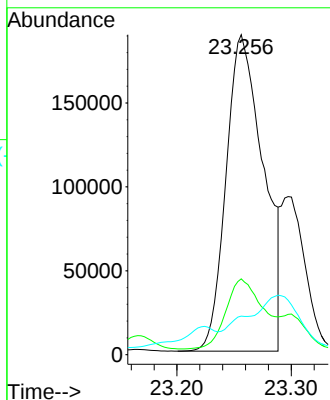
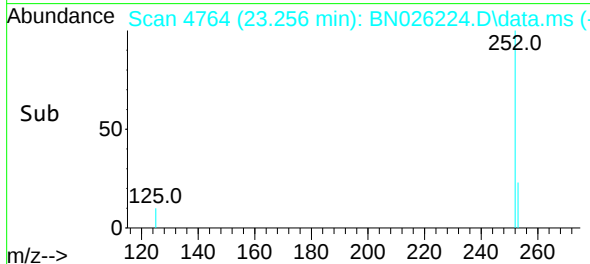
Instrument :
BNA_N
ClientSampleId :
DCGJ4



Tgt Ion:252 Resp: 429275
Ion Ratio Lower Upper
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253 23.7 0.0 55.6
125 12.0 0.0 35.8

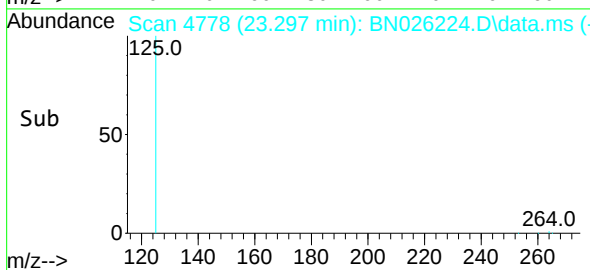
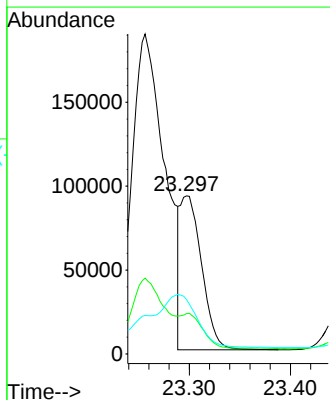
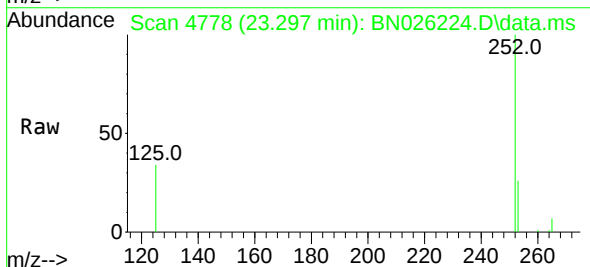
Manual Integrations
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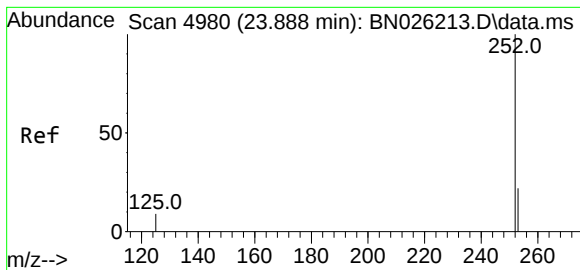
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 1.285 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

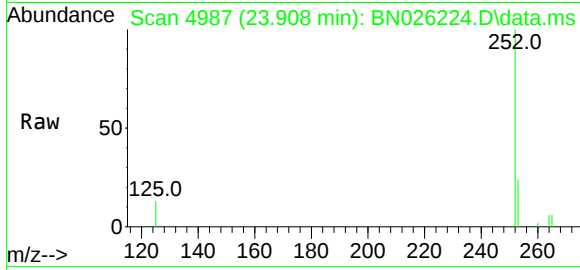
Tgt Ion:252 Resp: 135118
Ion Ratio Lower Upper
252 100
253 25.5 23.2 34.8
125 34.4 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 2.922 ng/ul
RT: 23.908 min Scan# 4980
Delta R.T. 0.023 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

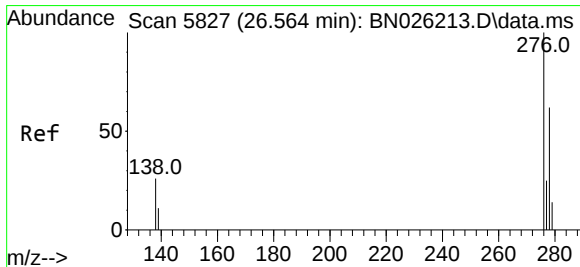
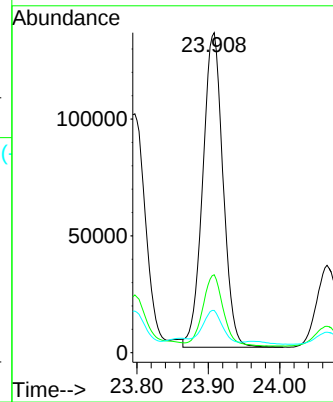
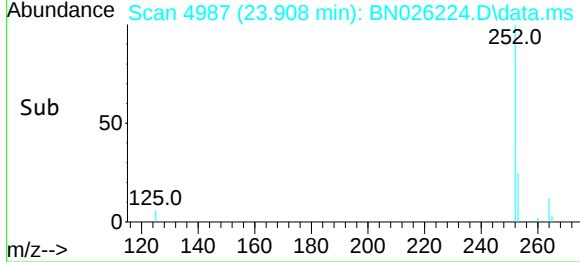
Instrument :
BNA_N
ClientSampleId :
DCGJ4



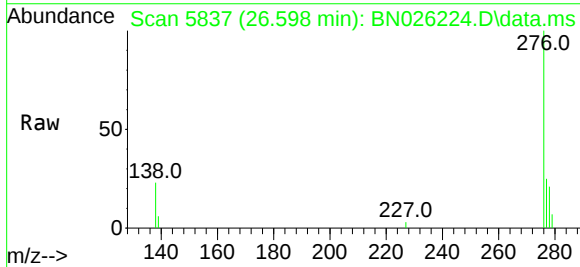
Tgt Ion:252 Resp: 265638
Ion Ratio Lower Upper
252 100
253 24.3 26.0 39.0
125 13.2 17.3 25.9

Manual Integrations
APPROVED

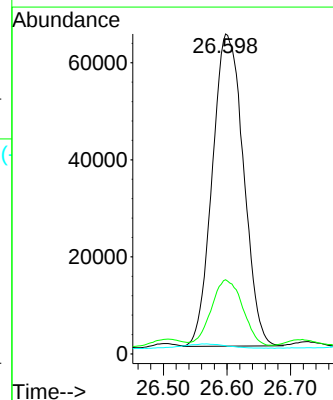
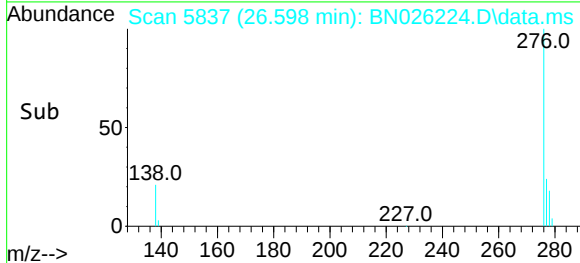
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

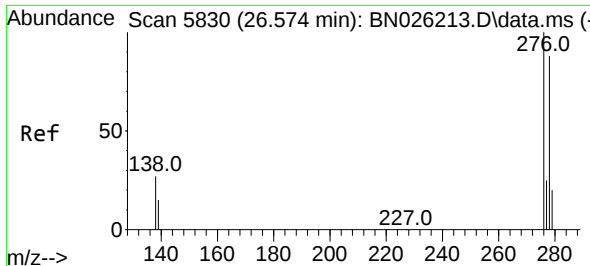


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.200 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.039 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45



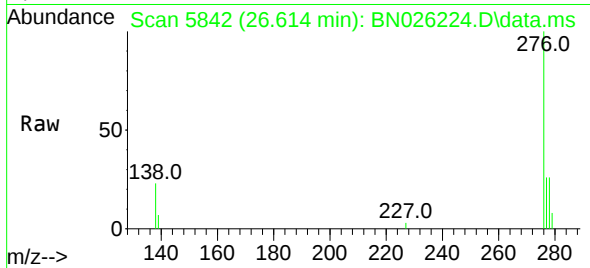
Tgt Ion:276 Resp: 218500
Ion Ratio Lower Upper
276 100
138 21.2 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.716 ng/ul
RT: 26.614 min Scan# 5842
Delta R.T. 0.036 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45

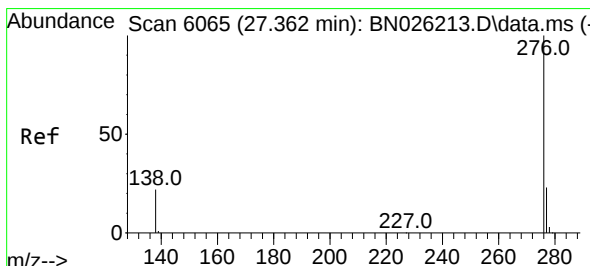
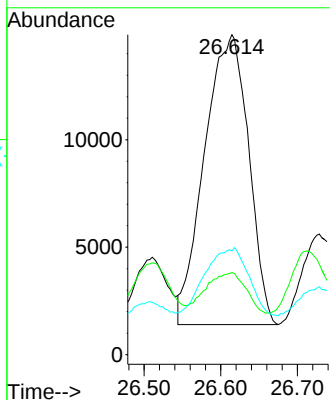
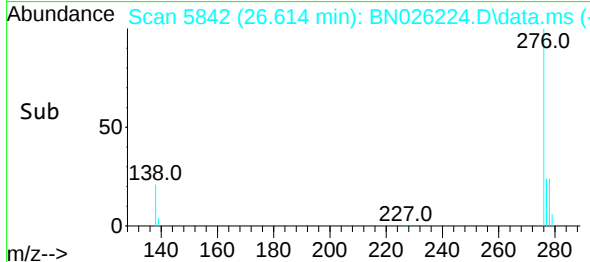
Instrument :
BNA_N
ClientSampleId :
DCGJ4



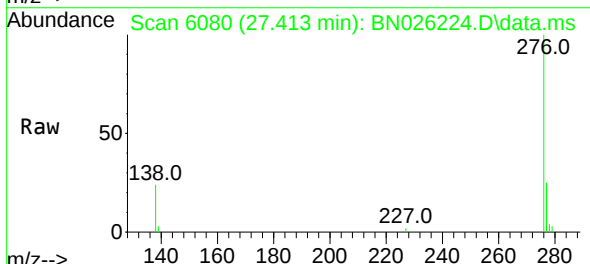
Tgt Ion:278 Resp: 5384
Ion Ratio Lower Upper
278 100
139 25.6 19.0 28.4
279 32.4 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 2.297 ng/ul
RT: 27.413 min Scan# 6080
Delta R.T. 0.066 min
Lab File: BN026224.D
Acq: 03 Jul 2023 13:45



Tgt Ion:276 Resp: 202930
Ion Ratio Lower Upper
276 100
138 24.2 23.4 35.0
277 25.0 20.0 30.0

