

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026323.D
 Acq On : 06 Jul 2023 10:41
 Operator : MA/JU
 Sample : 03248-21MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 11:20:30 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	5423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	22202	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.579	164	12682	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.334	188	24771	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	14311	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	15790	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	1717	0.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	5103	0.149	ng/ul	-0.01
18) Fluoranthene-d10	19.363	212	9915	0.182	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	4275	0.659	ng/ul#	85
5) Naphthalene	10.798	128	12791	0.201	ng/ul	98
7) 2-Methylnaphthalene	12.414	142	7579	0.187	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	7269	0.173	ng/ul	99
10) Acenaphthylene	14.302	152	11943	0.201	ng/ul	97
11) Acenaphthene	14.644	153	8104	0.167	ng/ul	99
12) Fluorene	15.634	166	8591	0.154	ng/ul	99
14) Pentachlorophenol	16.996	266	1138	0.128	ng/ul	99
15) Phenanthrene	17.372	178	33663	0.411	ng/ul	99
16) Anthracene	17.469	178	15515	0.213	ng/ul	97
19) Fluoranthene	19.391	202	76153	0.996	ng/ul	100
20) Pyrene	19.754	202	67324	0.847	ng/ul	98
21) Benzo(a)anthracene	21.511	228	35513	0.602	ng/ul	96
22) Chrysene	21.561	228	45606	0.742	ng/ul	98
24) Benzo(b)fluoranthene	23.239	252	66521m	0.987	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	28925m	0.427	ng/ul	
26) Benzo(a)pyrene	23.885	252	38926	0.665	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.564	276	41742	0.653	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.574	278	15386	0.318	ng/ul#	91
29) Benzo(g,h,i)perylene	27.369	276	40514	0.712	ng/ul	98

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

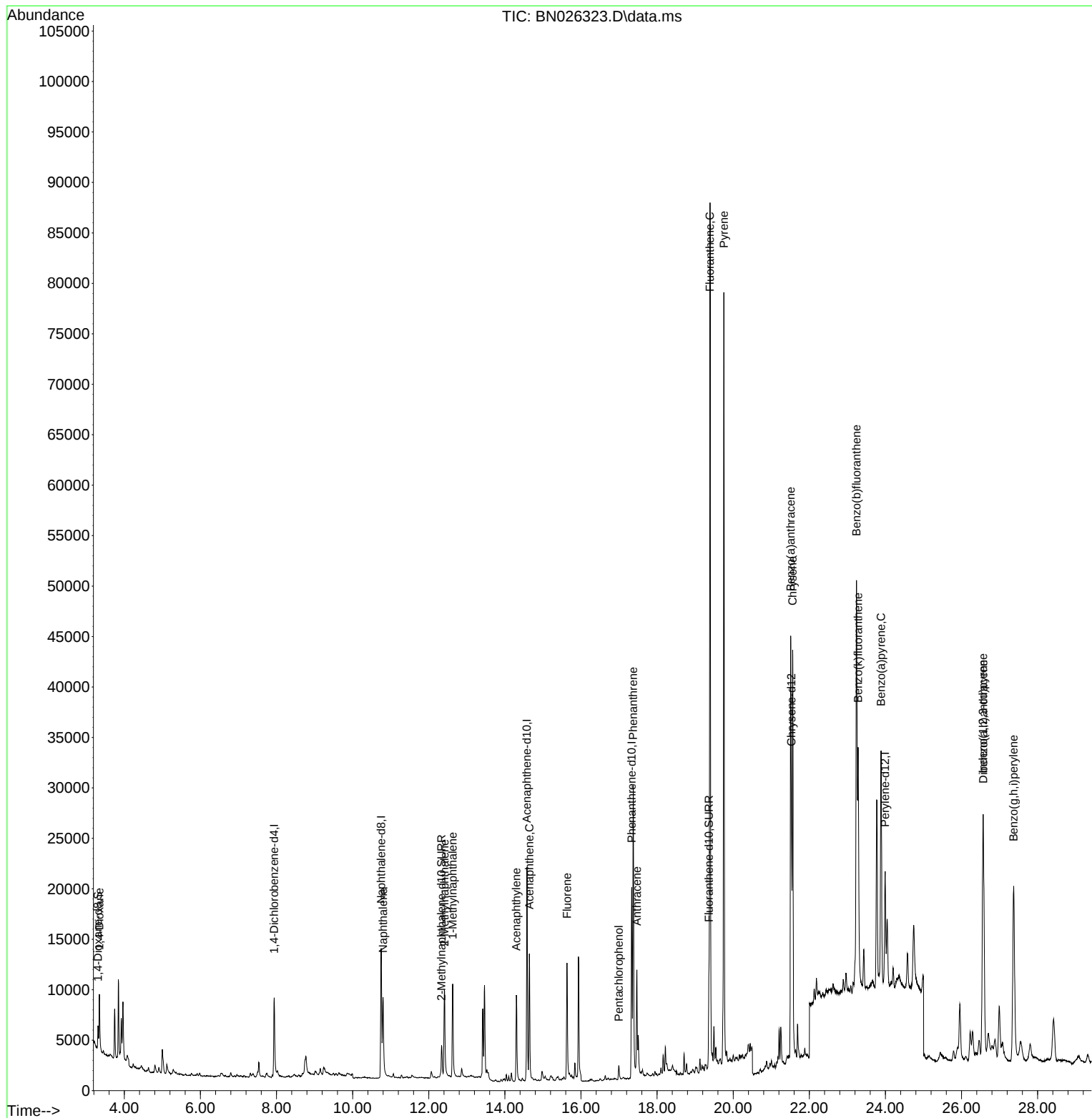
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026323.D
Acq On : 06 Jul 2023 10:41
Operator : MA/JU
Sample : 03248-21MSD
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ALS Vial : 42 Sample Multiplier: 1

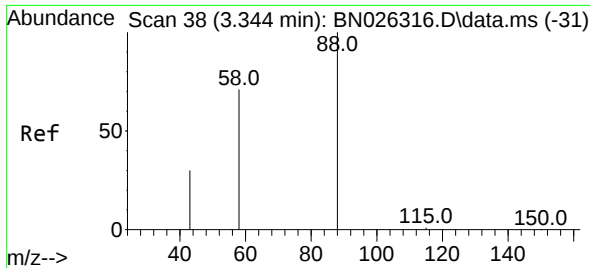
Instrument :
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Quant Time: Jul 06 11:20:30 2023
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Supervised By :Sohil Jodhani 07/06/2023





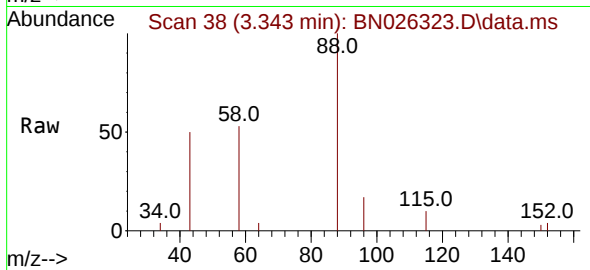
#2
1,4-Dioxane
Concen: 0.659 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. -0.008 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

Instrument :

BNA_N

ClientSampleId :

DCGK2MSD

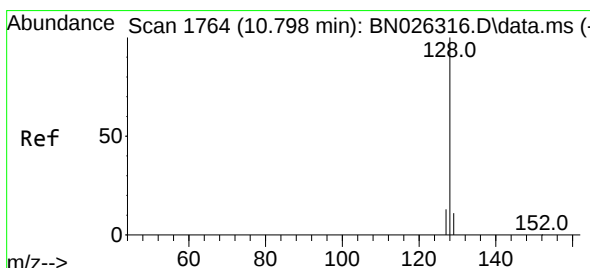
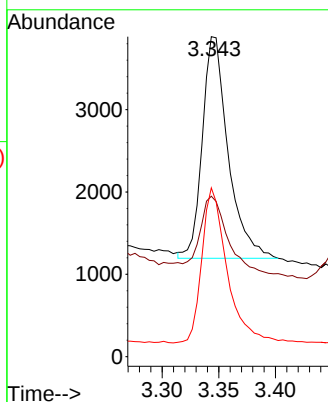
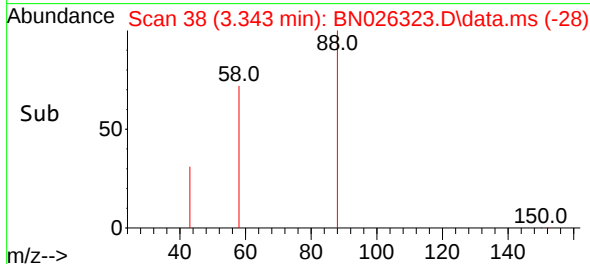


Tgt Ion: 88 Resp: 4275
Ion Ratio Lower Upper
88 100
43 50.1 29.5 44.3
58 52.8 37.4 56.2

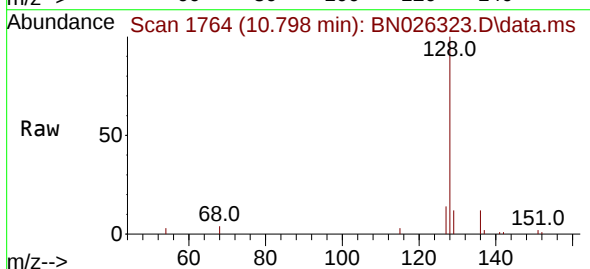
Manual Integrations

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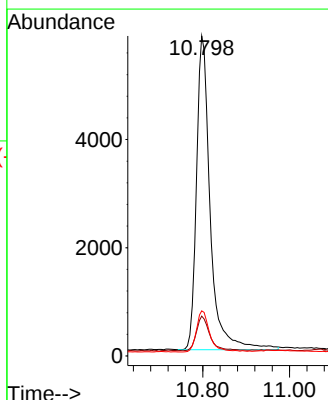
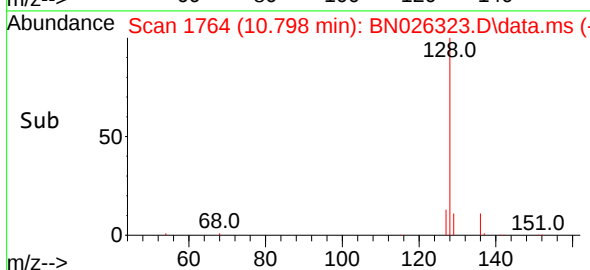
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

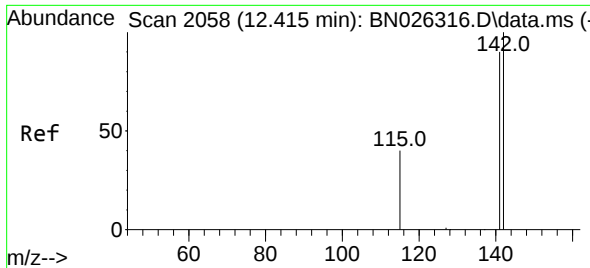


#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41



Tgt Ion:128 Resp: 12791
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.1 10.7 16.1





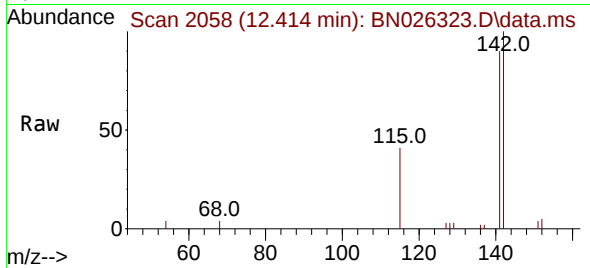
#7
2-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

Instrument :

BNA_N

ClientSampleId :

DCGK2MSD

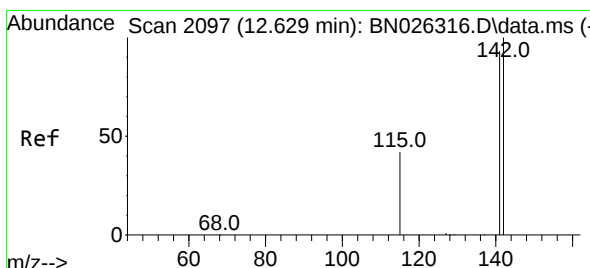
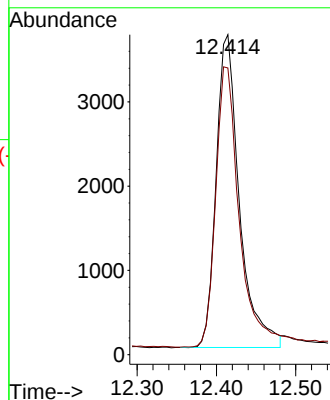
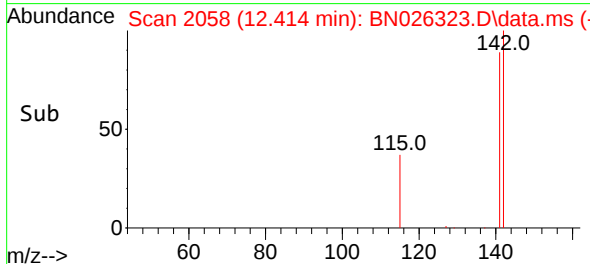


Tgt Ion:142 Resp: 7579
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9

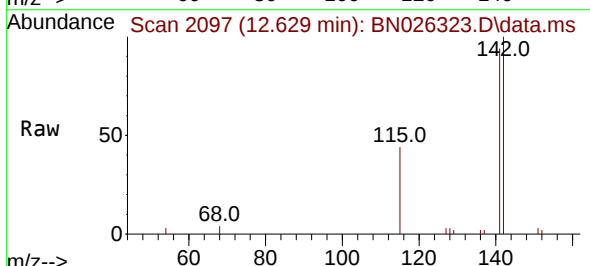
Manual Integrations

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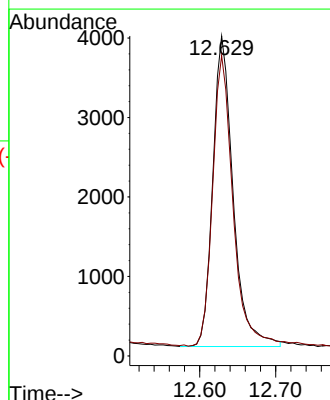
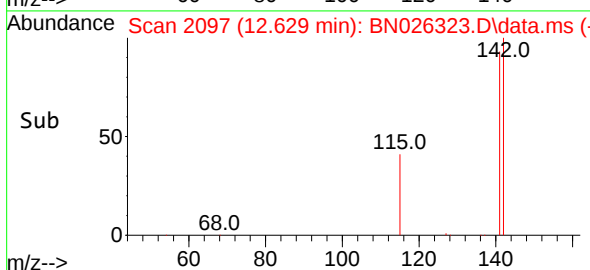
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

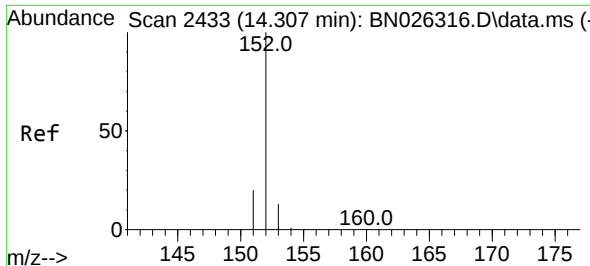


#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41



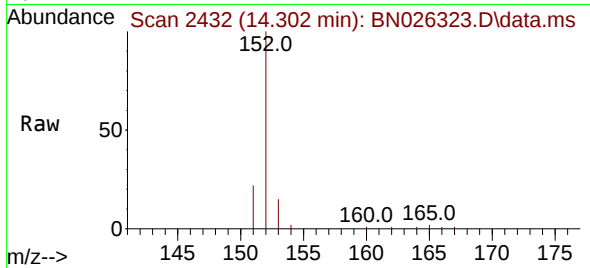
Tgt Ion:142 Resp: 7269
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4





#10
Acenaphthylene
Concen: 0.201 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.010 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

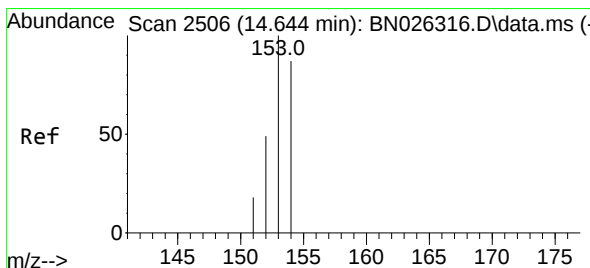
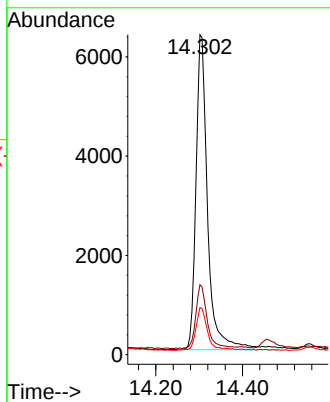
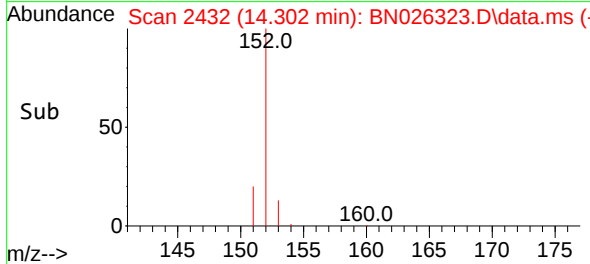
Instrument :
BNA_N
ClientSampleId :
DCGK2MSD



Tgt Ion:152 Resp: 1194
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 14.7 10.9 16.3

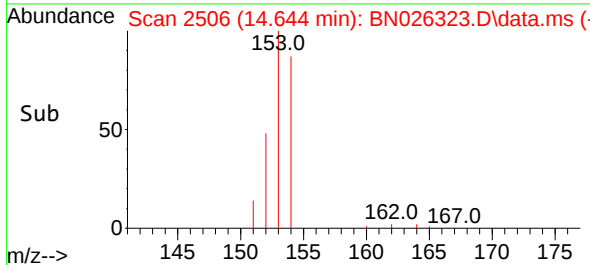
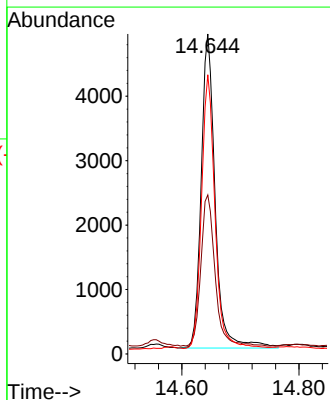
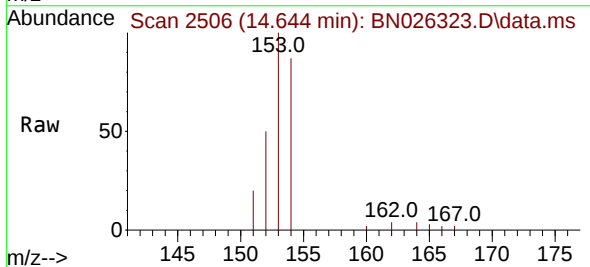
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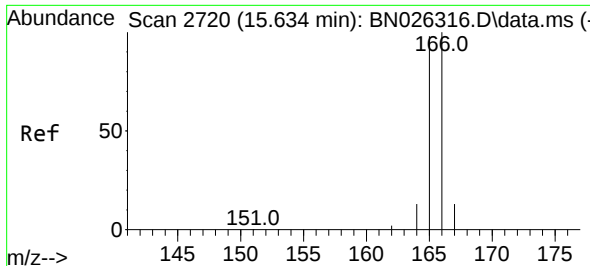
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#11
Acenaphthene
Concen: 0.167 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.010 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

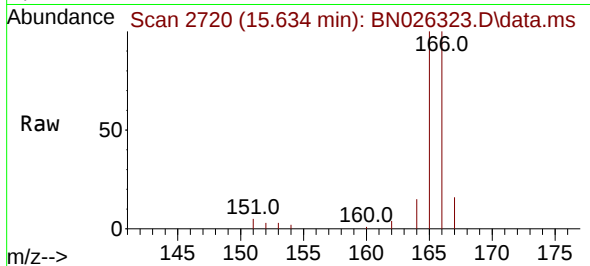
Tgt Ion:153 Resp: 8104
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 87.3 68.9 103.3





#12
Fluorene
Concen: 0.154 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

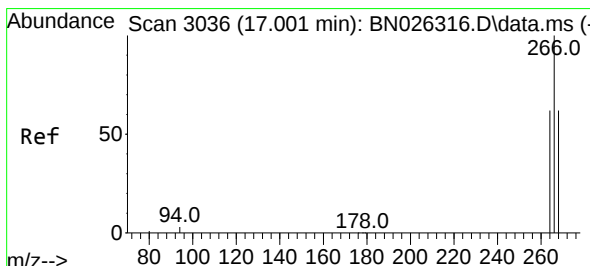
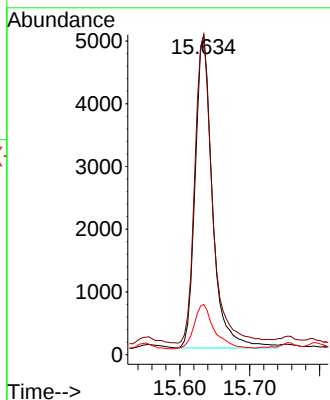
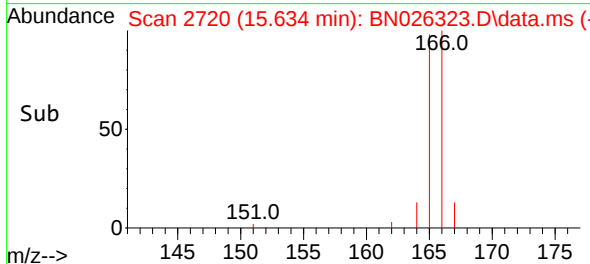
Instrument :
BNA_N
ClientSampleId :
DCGK2MSD



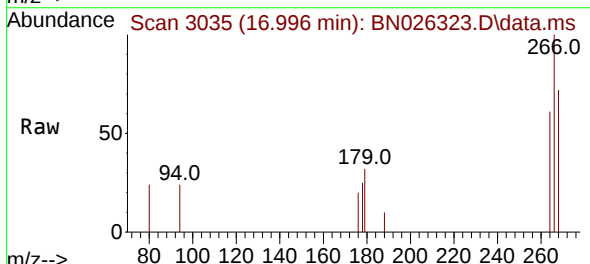
Tgt Ion:166 Resp: 859
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 15.7 10.8 16.2

Manual Integrations
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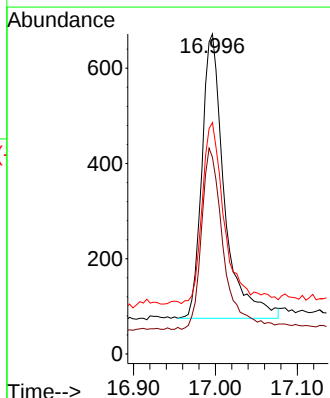
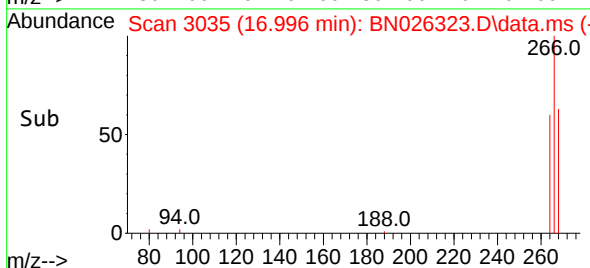
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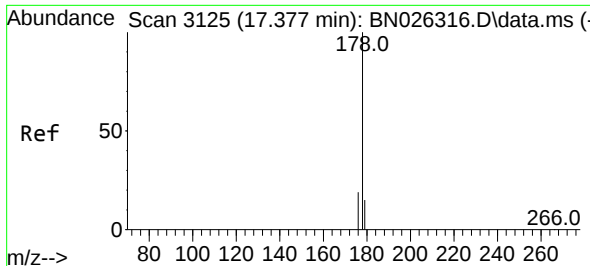


#14
Pentachlorophenol
Concen: 0.128 ng/ul
RT: 16.996 min Scan# 3035
Delta R.T. -0.009 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41



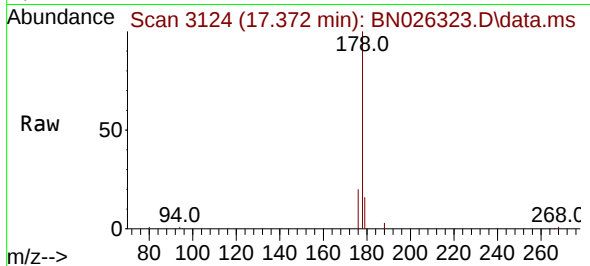
Tgt Ion:266 Resp: 1138
Ion Ratio Lower Upper
266 100
264 62.4 50.5 75.7
268 63.9 51.6 77.4





#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.372 min Scan# 3125
Delta R.T. -0.014 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

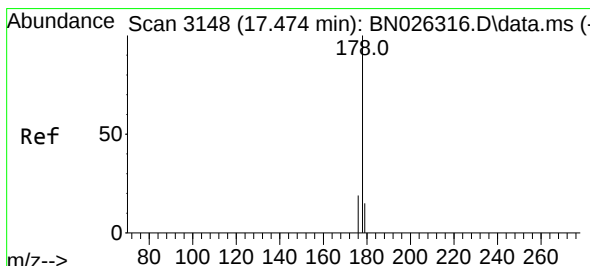
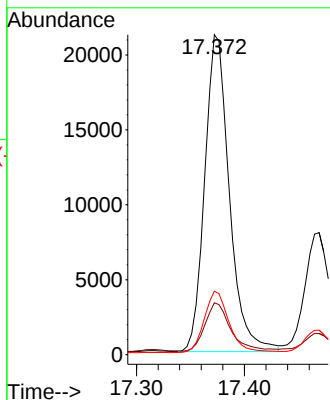
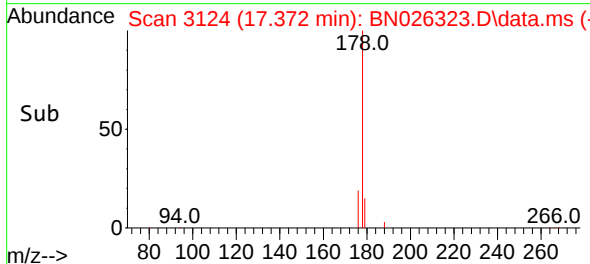
Instrument :
BNA_N
ClientSampleId :
DCGK2MSD



Tgt Ion:178 Resp: 3366
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.8 15.8 23.6

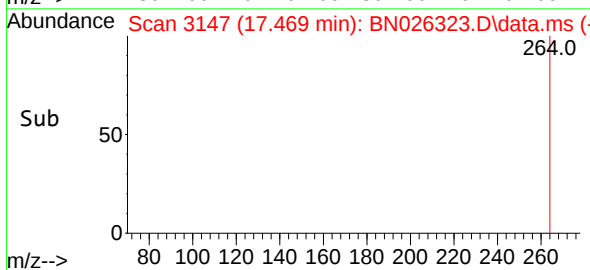
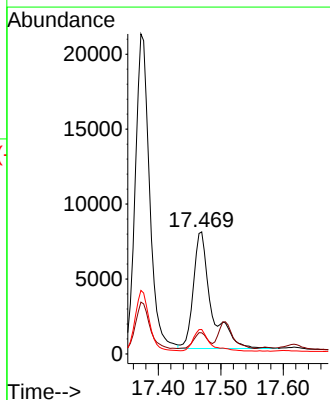
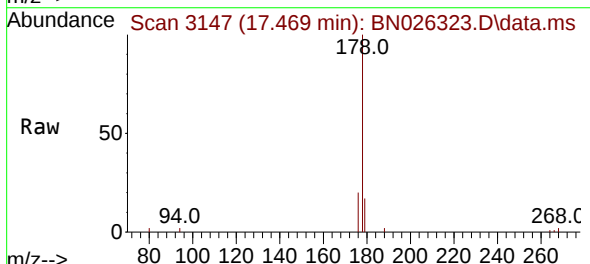
Manual Integrations
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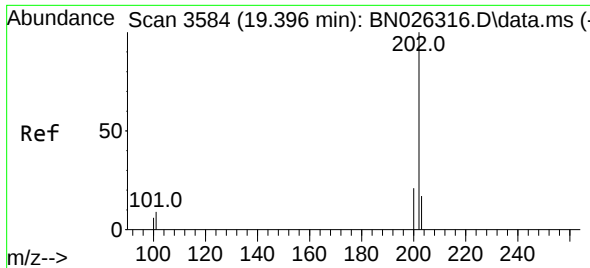
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.213 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

Tgt Ion:178 Resp: 15515
Ion Ratio Lower Upper
178 100
179 17.3 12.6 18.8
176 20.0 15.1 22.7





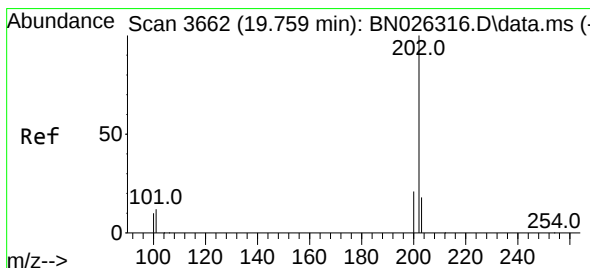
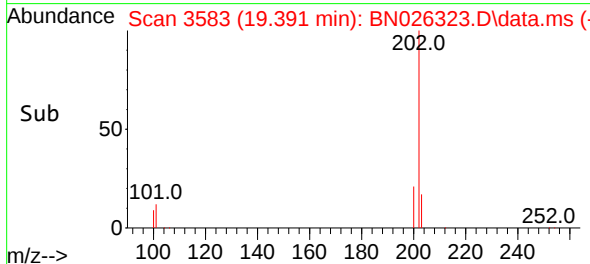
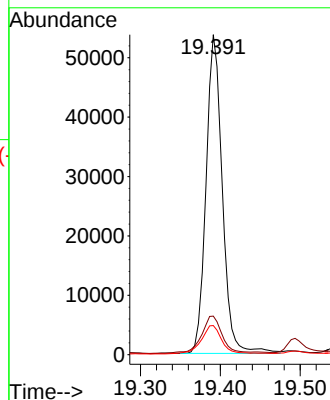
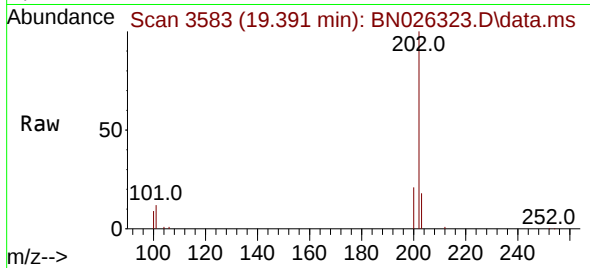
#19
Fluoranthene
Concen: 0.996 ng/u1
RT: 19.391 min Scan# 3583
Delta R.T. -0.010 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

Instrument :
BNA_N
ClientSampleId :
DCGK2MSD

Tgt Ion:202 Resp: 7615
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.1 7.3 10.9

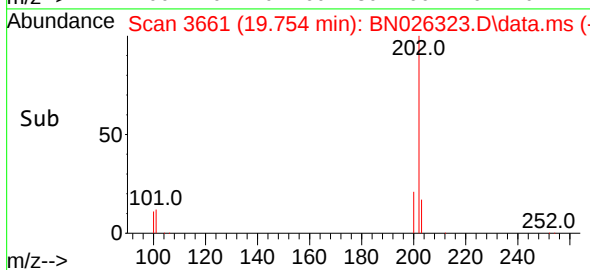
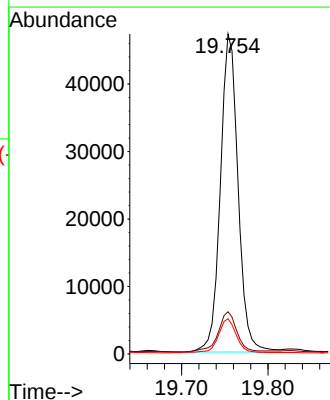
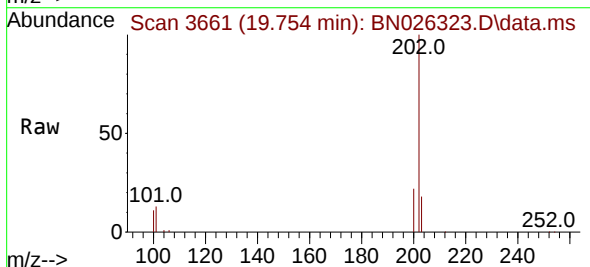
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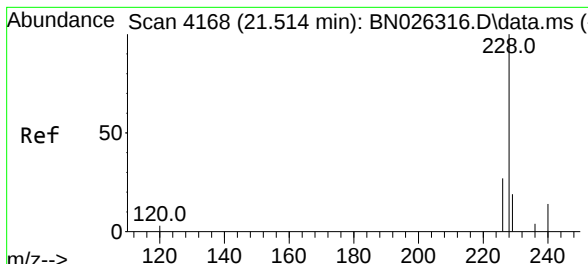
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 0.847 ng/u1
RT: 19.754 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

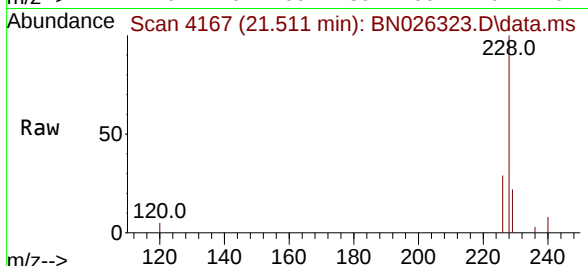
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Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.602 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

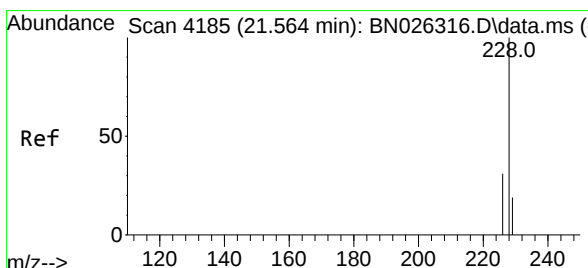
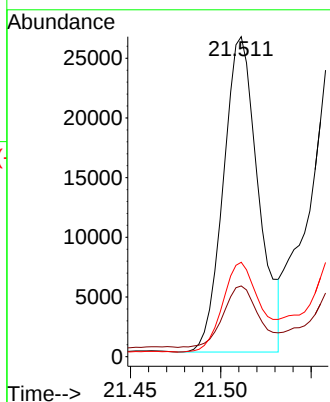
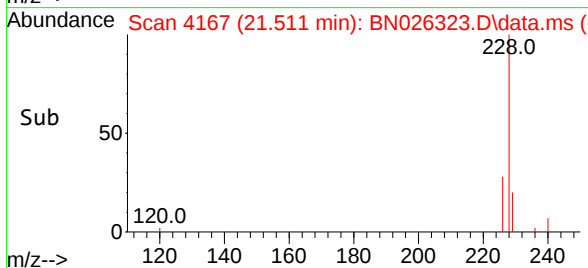
Instrument :
BNA_N
ClientSampleId :
DCGK2MSD



Tgt Ion:228 Resp: 3551
Ion Ratio Lower Upper
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229 22.1 15.8 23.6
226 29.5 22.5 33.7

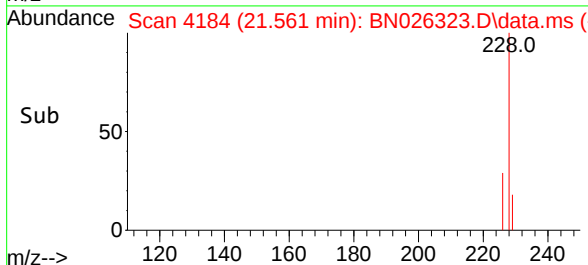
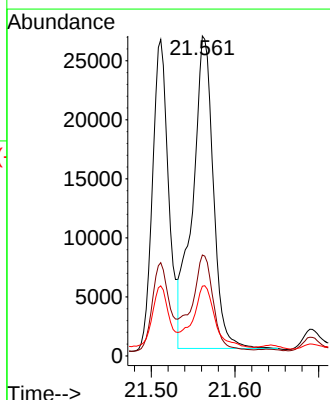
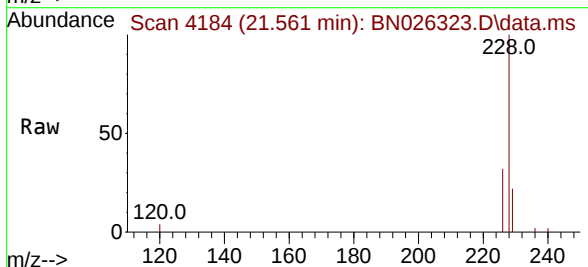
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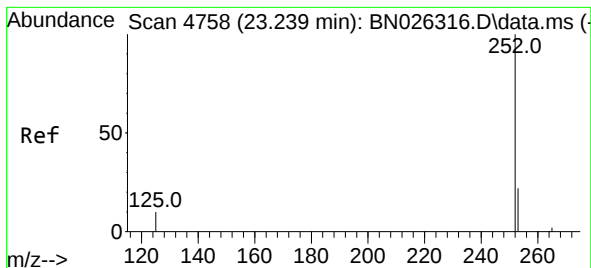
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 0.742 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. -0.010 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

Tgt Ion:228 Resp: 45606
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 21.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.987 ng/ul m

RT: 23.239 min Scan# 4758

Delta R.T. -0.007 min

Lab File: BN026323.D

Acq: 06 Jul 2023 10:41

Instrument :

BNA_N

ClientSampleId :

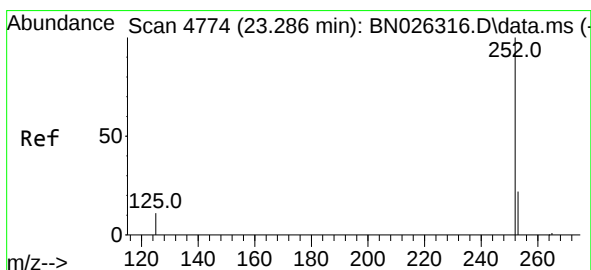
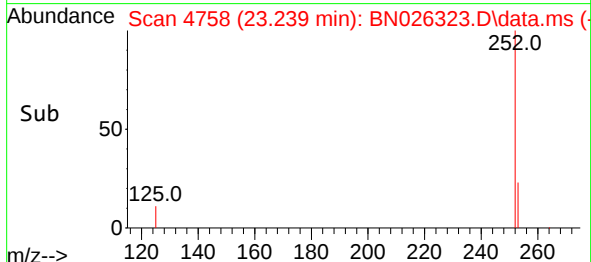
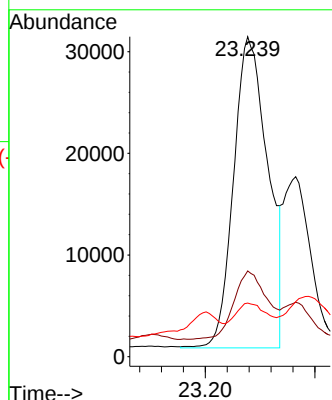
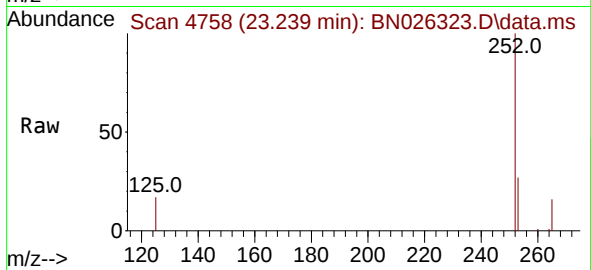
DCGK2MSD

Tgt Ion:252	Resp:	6652
Ion Ratio	Lower	Upper
252	100	
253	26.8	0.0 55.6
125	16.8	0.0 35.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25

Benzo(k)fluoranthene

Concen: 0.427 ng/ul m

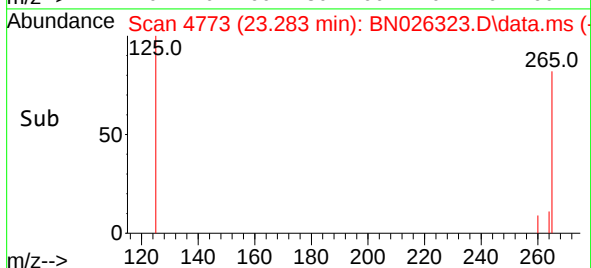
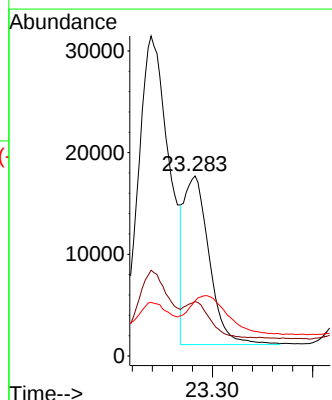
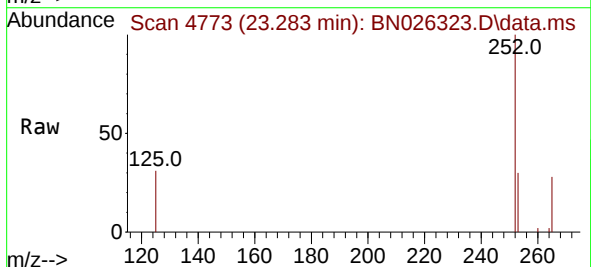
RT: 23.283 min Scan# 4773

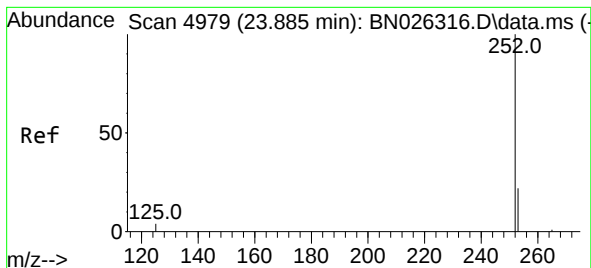
Delta R.T. -0.010 min

Lab File: BN026323.D

Acq: 06 Jul 2023 10:41

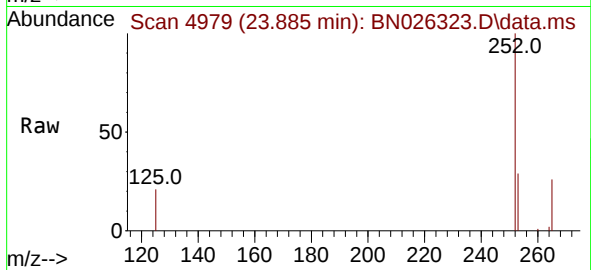
Tgt Ion:252	Resp:	28925
Ion Ratio	Lower	Upper
252	100	
253	30.3	23.2 34.8
125	30.6	15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.665 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.004 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

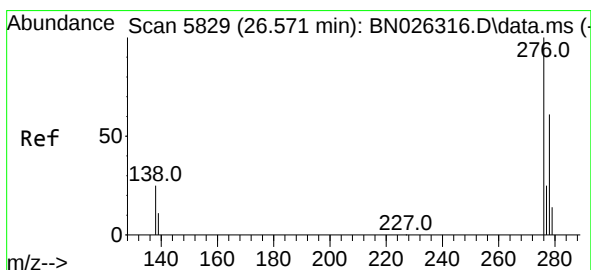
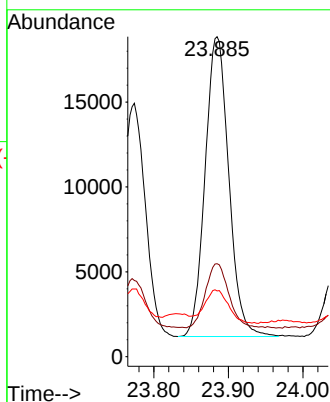
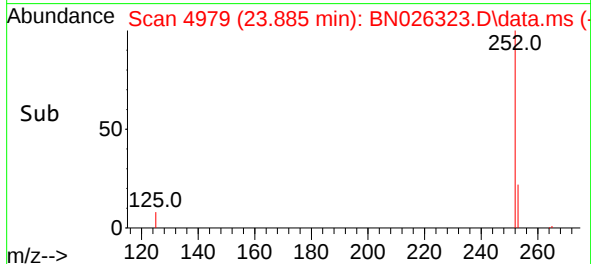
Instrument :
BNA_N
ClientSampleId :
DCGK2MSD



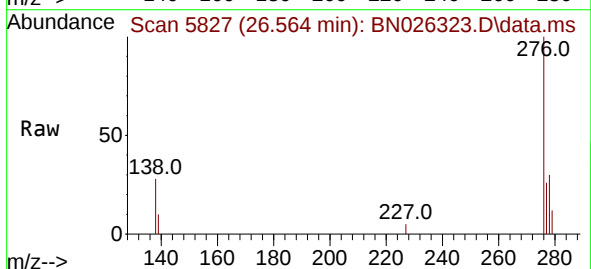
Tgt Ion:252 Resp: 38920
Ion Ratio Lower Upper
252 100
253 29.1 26.0 39.0
125 20.5 17.3 25.9

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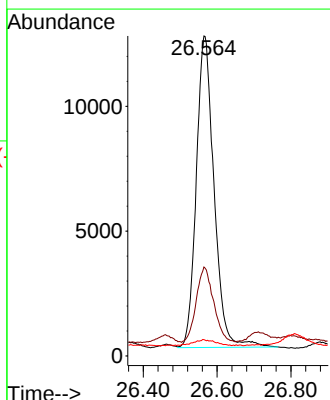
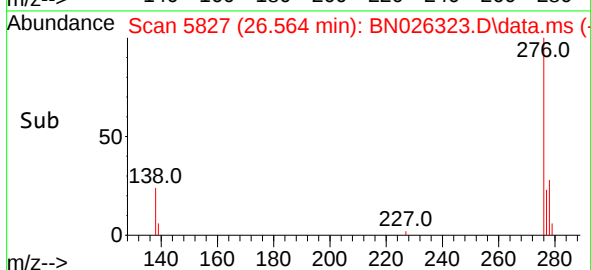
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

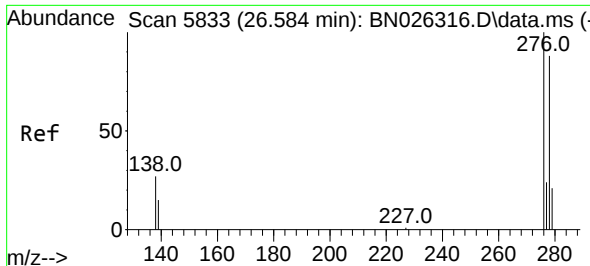


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.653 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.018 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41



Tgt Ion:276 Resp: 41742
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 2.2 0.0 0.0#





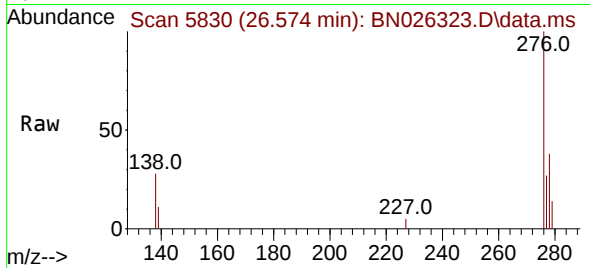
#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.021 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41

Instrument :

BNA_N

ClientSampleId :

DCGK2MSD

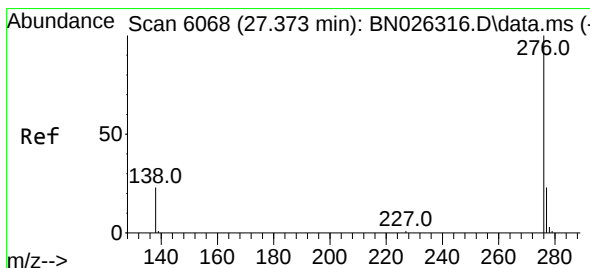
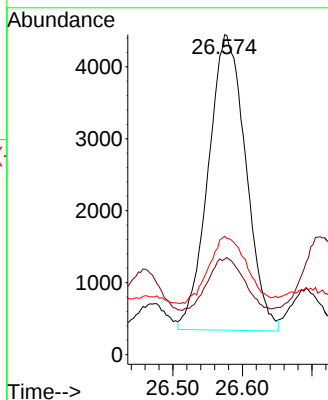
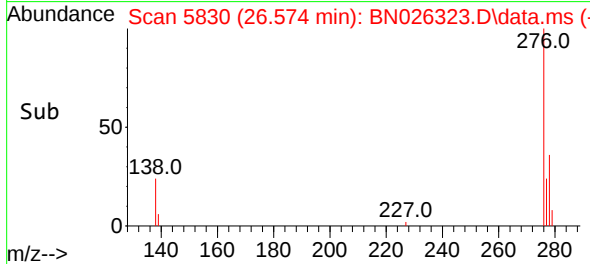


Tgt Ion:278 Resp: 15380
Ion Ratio Lower Upper
278 100
139 29.9 19.0 28.4
279 37.0 26.7 40.1

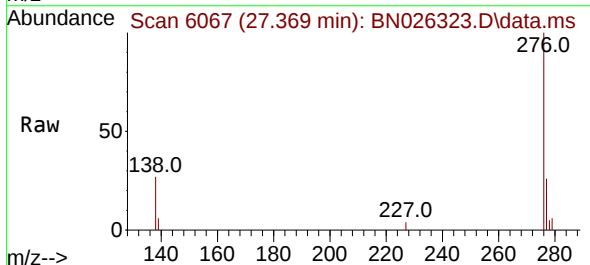
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 0.712 ng/ul
RT: 27.369 min Scan# 6067
Delta R.T. -0.011 min
Lab File: BN026323.D
Acq: 06 Jul 2023 10:41



Tgt Ion:276 Resp: 40514
Ion Ratio Lower Upper
276 100
138 27.3 23.4 35.0
277 25.5 20.0 30.0

