

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026234.D
 Acq On : 03 Jul 2023 20:35
 Operator : MA/JU
 Sample : 03246-14
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK1

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:03:50 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	24623	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.596	164	14936	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	30948	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17409	0.400	ng/ul	# 0.00
23) Perylene-d12	24.009	264	19621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	18840	2.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	6176	0.163	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	14313	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.811	128	2146	0.030	ng/ul#	87
7) 2-Methylnaphthalene	12.428	142	1152	0.026	ng/ul	83
10) Acenaphthylene	14.318	152	5166	0.074	ng/ul#	91
15) Phenanthrene	17.388	178	22199	0.217	ng/ul	98
16) Anthracene	17.480	178	4006	0.044	ng/ul#	86
19) Fluoranthene	19.408	202	59371	0.639	ng/ul#	41
20) Pyrene	19.766	202	50045	0.517	ng/ul	96
21) Benzo(a)anthracene	21.521	228	24012	0.334	ng/ul#	87
22) Chrysene	21.574	228	29123	0.390	ng/ul#	85
24) Benzo(b)fluoranthene	23.254	252	43629m	0.521	ng/ul	
25) Benzo(k)fluoranthene	23.295	252	16743m	0.199	ng/ul	
26) Benzo(a)pyrene	23.901	252	28316	0.389	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.602	276	27132	0.342	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.616	278	6388	0.106	ng/ul#	34
29) Benzo(g,h,i)perylene	27.410	276	24923	0.353	ng/ul#	88

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

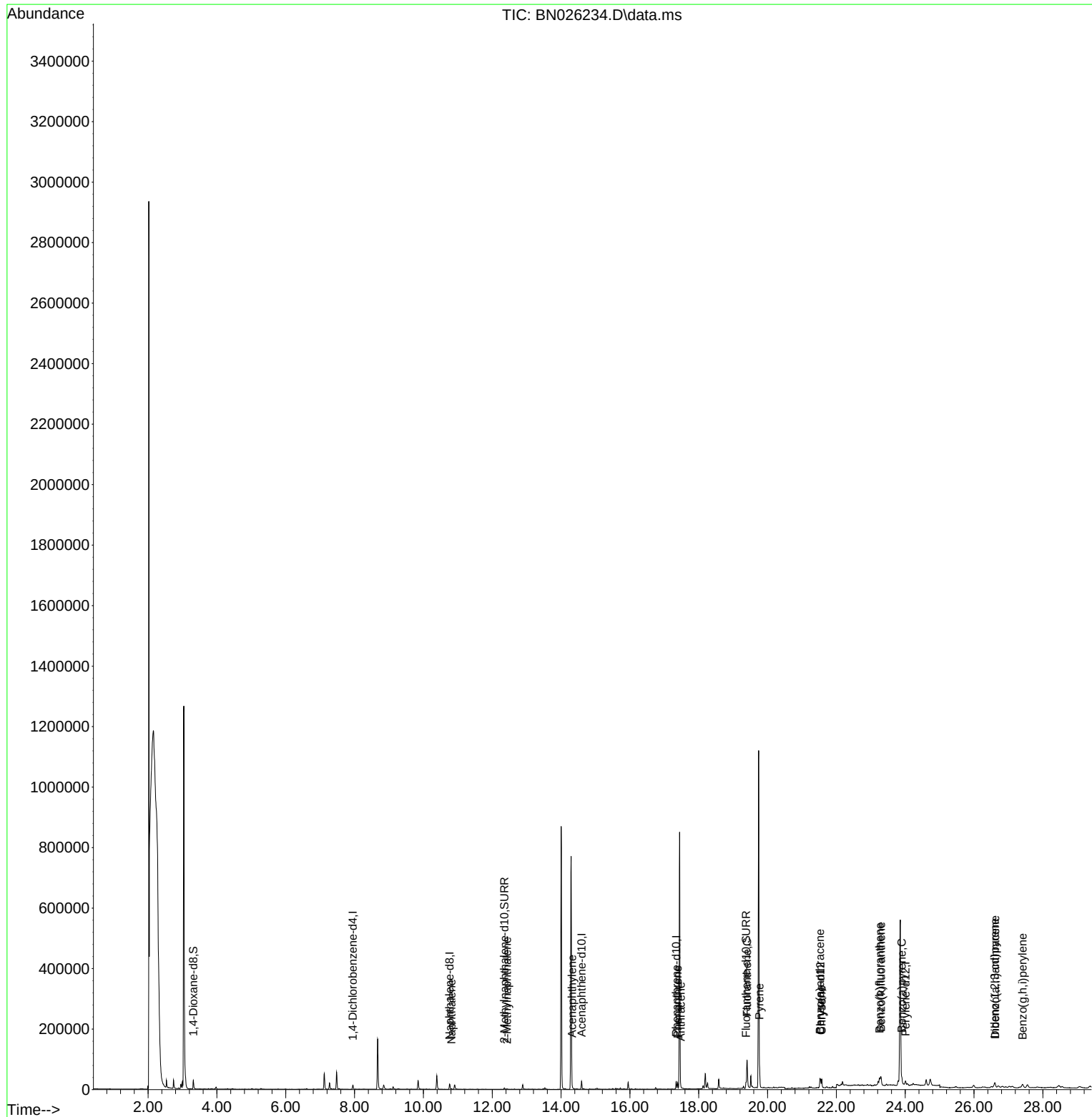
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026234.D
Acq On : 03 Jul 2023 20:35
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ALS Vial : 91 Sample Multiplier: 1

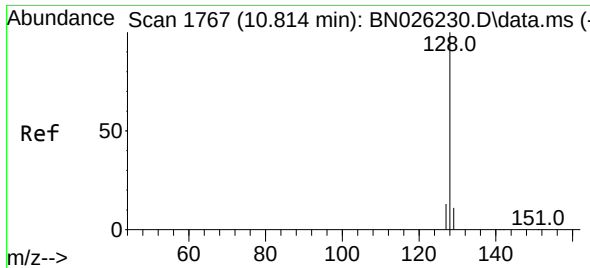
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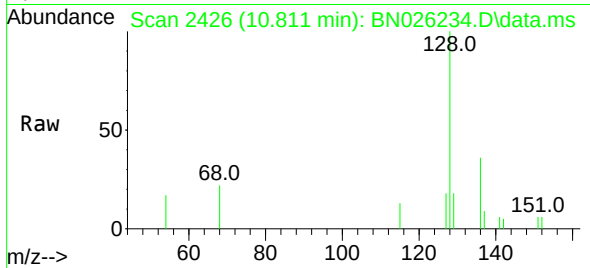
Quant Time: Jul 04 01:03:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.811 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

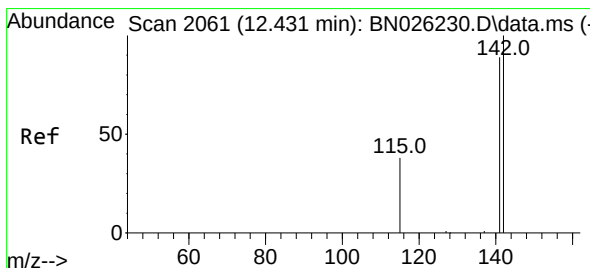
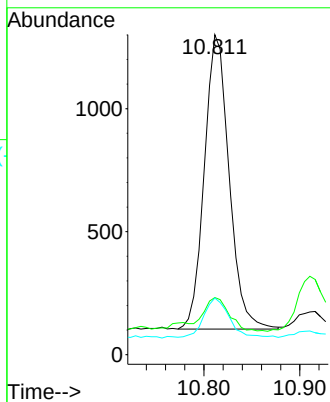
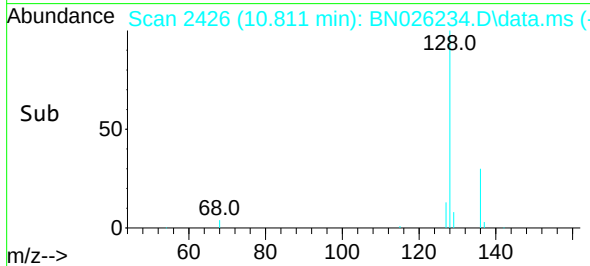
Instrument :
BNA_N
ClientSampleId :
DCGK1



Tgt Ion:128 Resp: 2140
Ion Ratio Lower Upper
128 100
129 17.8 9.1 13.7
127 17.7 10.7 16.1

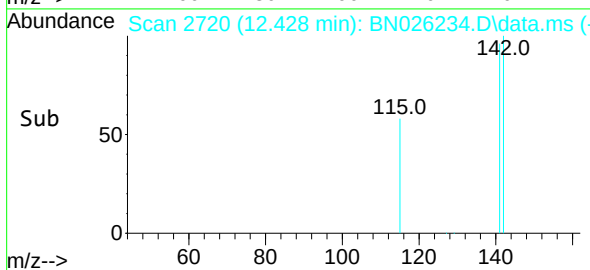
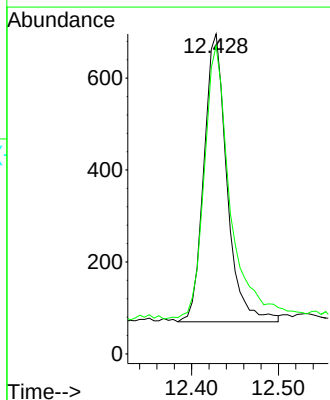
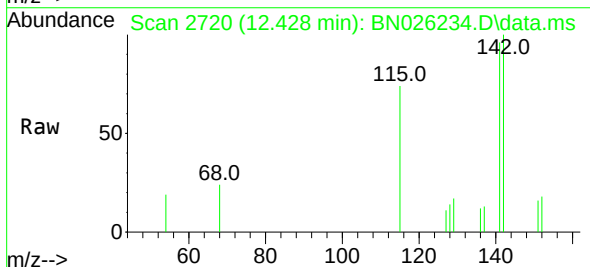
Manual Integrations
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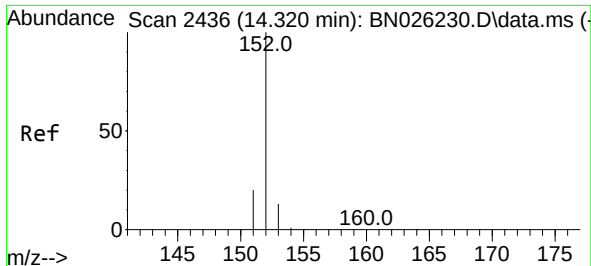
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.428 min Scan# 2720
Delta R.T. -0.003 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

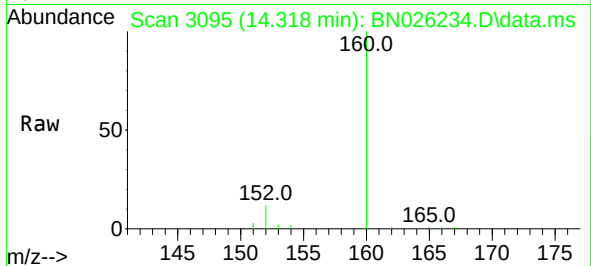
Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
141 105.8 71.9 107.9





#10
Acenaphthylene
Concen: 0.074 ng/u1
RT: 14.318 min Scan# 3095
Delta R.T. -0.002 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

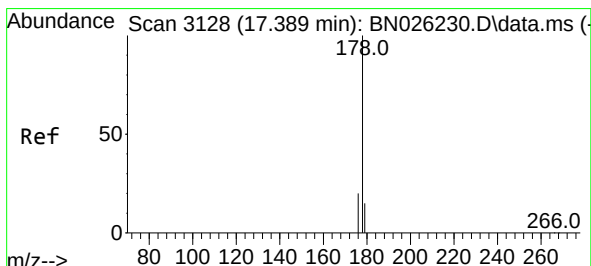
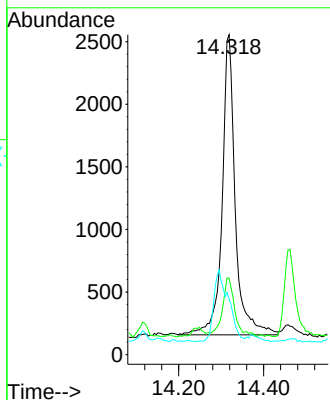
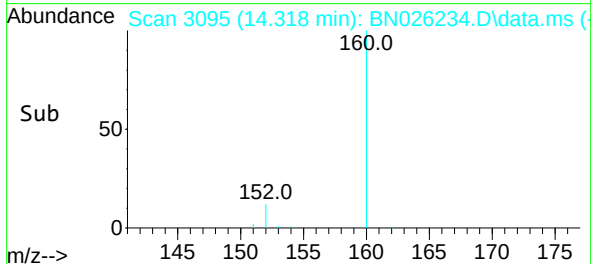
Instrument :
BNA_N
ClientSampleId :
DCGK1



Tgt Ion:152 Resp: 5160
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.4
153 17.4 10.9 16.3

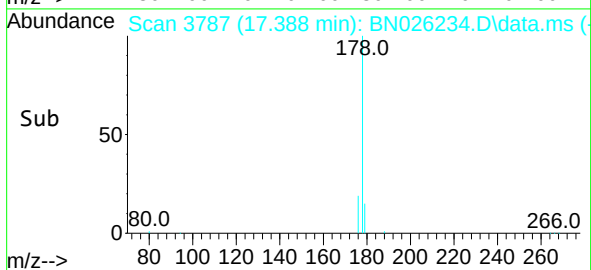
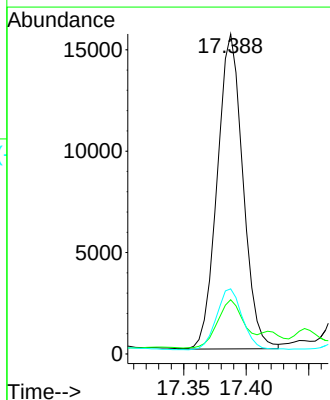
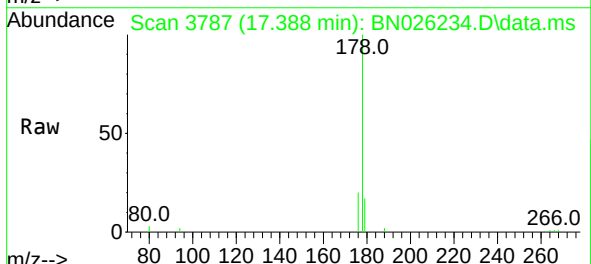
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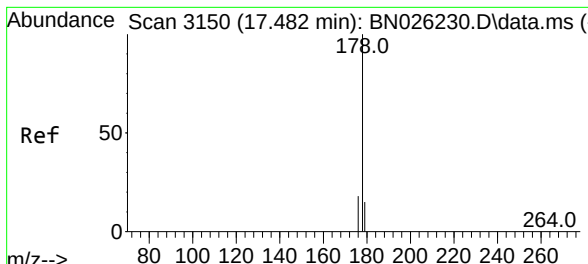
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#15
Phenanthrene
Concen: 0.217 ng/u1
RT: 17.388 min Scan# 3787
Delta R.T. -0.002 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

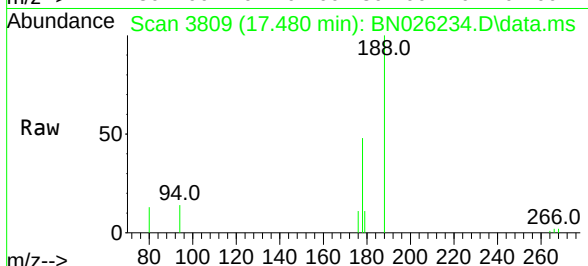
Tgt Ion:178 Resp: 22199
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 20.3 15.8 23.6





#16
 Anthracene
 Concen: 0.044 ng/ul
 RT: 17.480 min Scan# 3150
 Delta R.T. -0.002 min
 Lab File: BN026234.D
 Acq: 03 Jul 2023 20:35

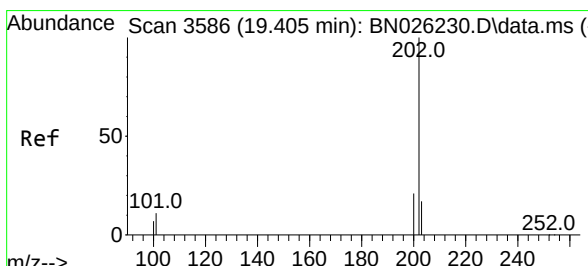
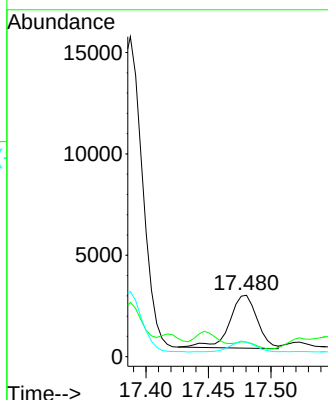
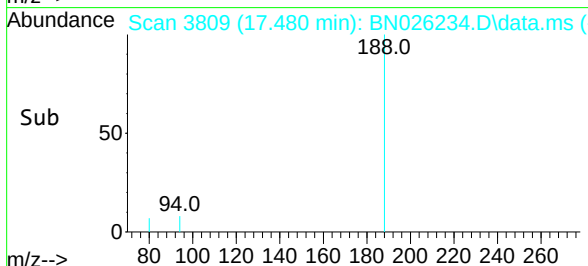
Instrument :
 BNA_N
 ClientSampleId :
 DCGK1



Tgt Ion:178 Resp: 4000
 Ion Ratio Lower Upper
 178 100
 179 23.6 12.6 18.8#
 176 23.4 15.1 22.7#

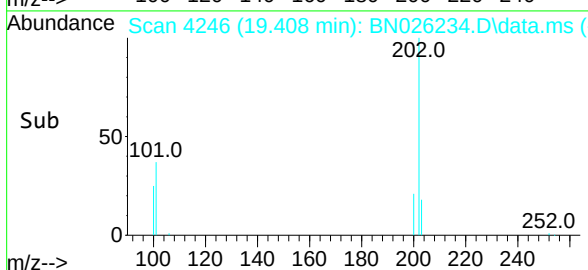
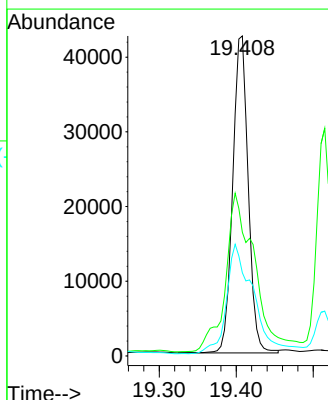
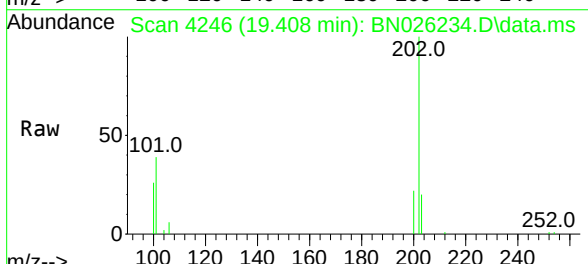
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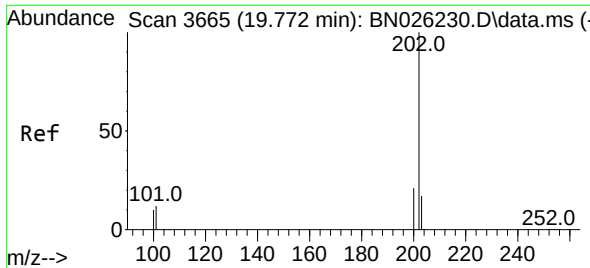
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 0.639 ng/ul
 RT: 19.408 min Scan# 4246
 Delta R.T. 0.003 min
 Lab File: BN026234.D
 Acq: 03 Jul 2023 20:35

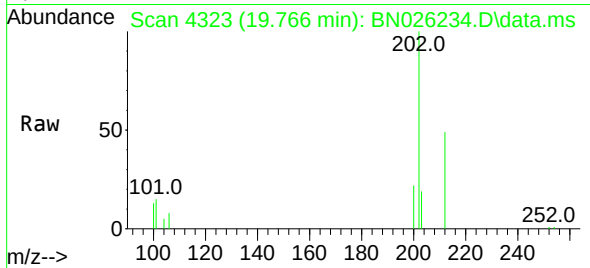
Tgt Ion:202 Resp: 59371
 Ion Ratio Lower Upper
 202 100
 101 38.7 9.5 14.3#
 100 26.0 7.3 10.9#





#20
 Pyrene
 Concen: 0.517 ng/ul
 RT: 19.766 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BN026234.D
 Acq: 03 Jul 2023 20:35

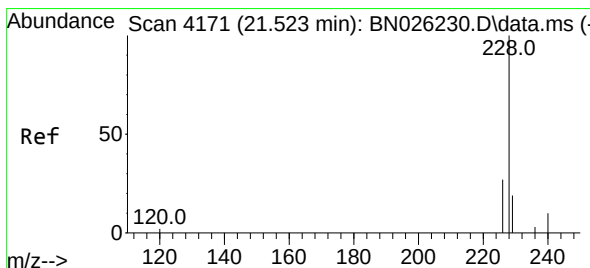
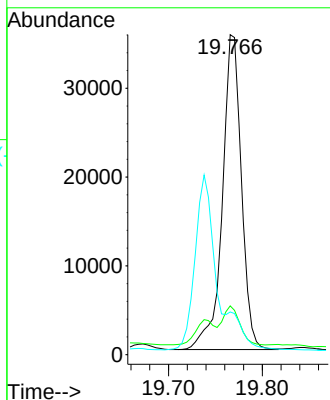
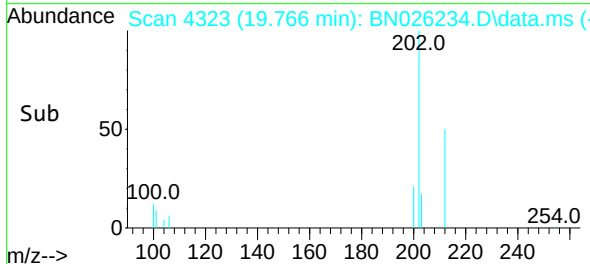
Instrument :
 BNA_N
 ClientSampleId :
 DCGK1



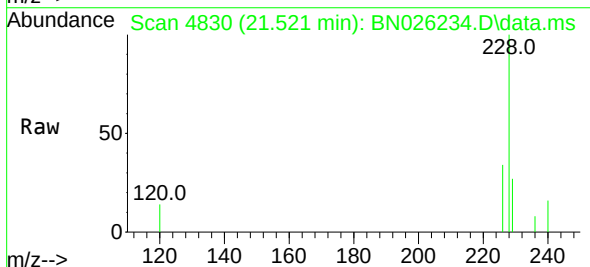
Tgt Ion:202 Resp: 50045
 Ion Ratio Lower Upper
 202 100
 101 15.3 11.4 17.0
 100 13.4 9.1 13.7

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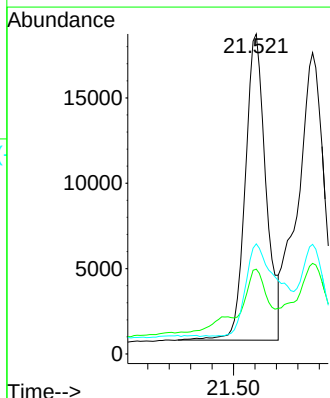
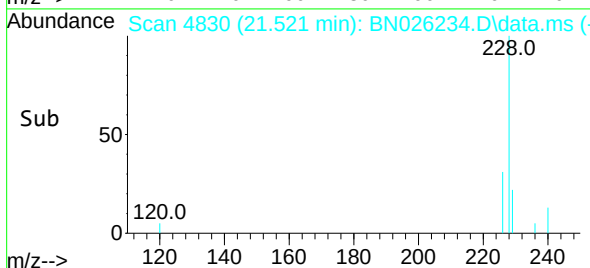
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

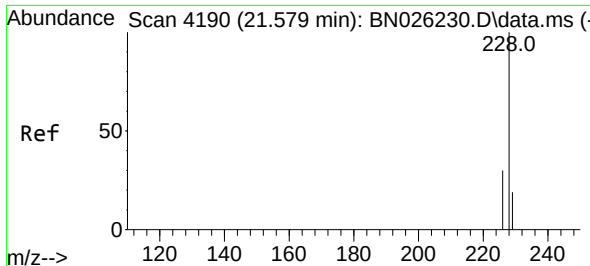


#21
 Benzo(a)anthracene
 Concen: 0.334 ng/ul
 RT: 21.521 min Scan# 4830
 Delta R.T. -0.002 min
 Lab File: BN026234.D
 Acq: 03 Jul 2023 20:35



Tgt Ion:228 Resp: 24012
 Ion Ratio Lower Upper
 228 100
 229 26.5 15.8 23.6#
 226 34.4 22.5 33.7#





#22

Chrysene

Concen: 0.390 ng/ul

RT: 21.574 min Scan# 4190

Delta R.T. -0.005 min

Lab File: BN026234.D

Acq: 03 Jul 2023 20:35

Instrument :

BNA_N

ClientSampleId :

DCGK1

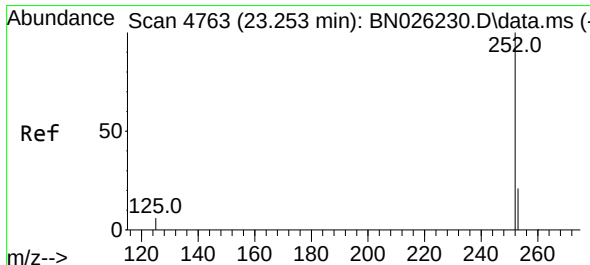
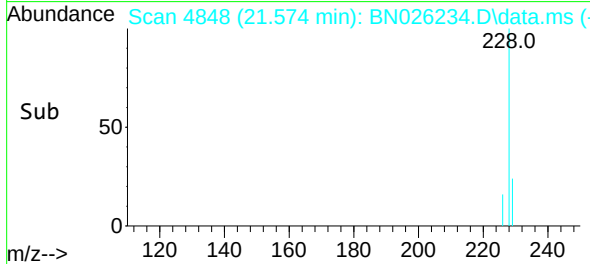
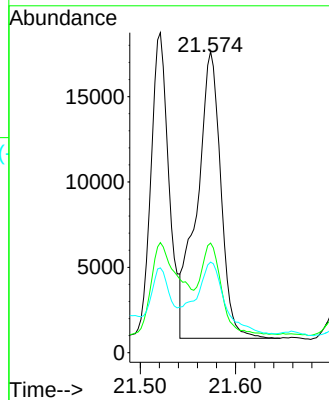
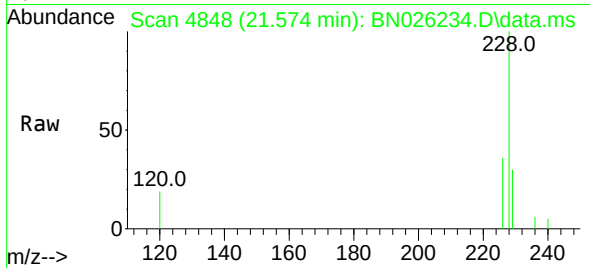
Tgt Ion:	228	Resp:	2912
Ion Ratio	Lower	Upper	
228	100		
226	36.4	24.8	37.2
229	30.1	15.7	23.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#24

Benzo(b)fluoranthene

Concen: 0.521 ng/ul m

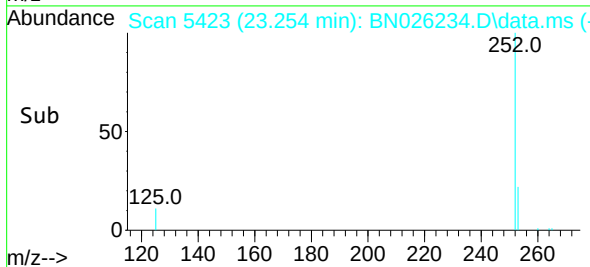
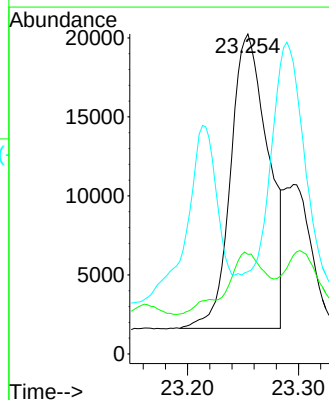
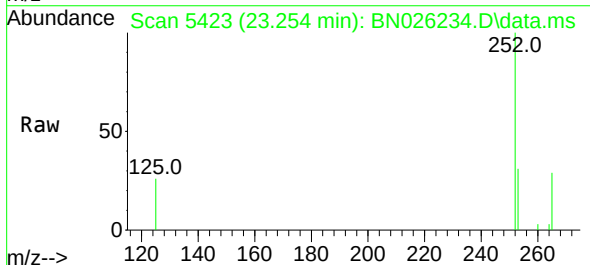
RT: 23.254 min Scan# 5423

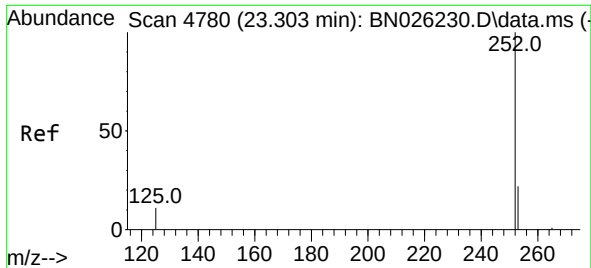
Delta R.T. 0.001 min

Lab File: BN026234.D

Acq: 03 Jul 2023 20:35

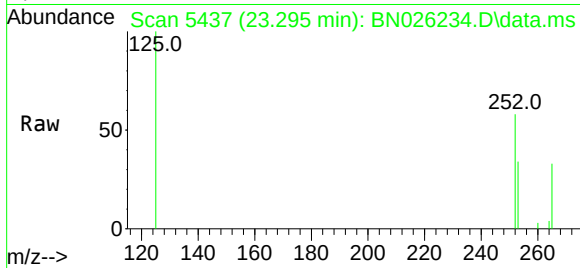
Tgt Ion:	252	Resp:	43629
Ion Ratio	Lower	Upper	
252	100		
253	31.1	0.0	55.6
125	25.7	0.0	35.8





#25
Benzo(k)fluoranthene
Concen: 0.199 ng/ul m
RT: 23.295 min Scan# 5437
Delta R.T. -0.008 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

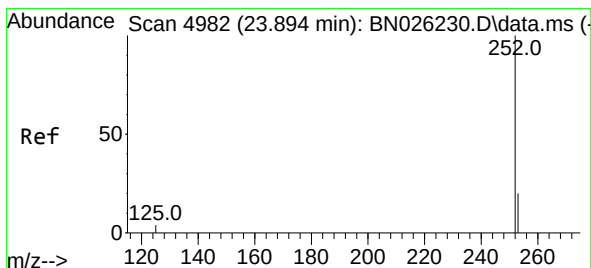
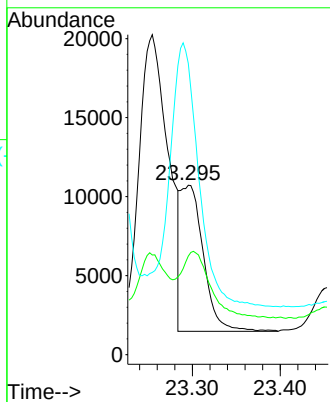
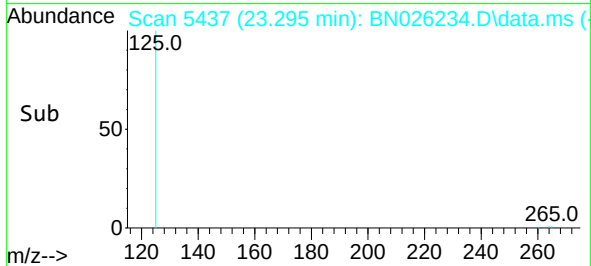
Instrument :
BNA_N
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DCGK1



Tgt Ion:252 Resp: 1674
Ion Ratio Lower Upper
252 100
253 58.2 23.2 34.8
125 171.9 15.0 22.4

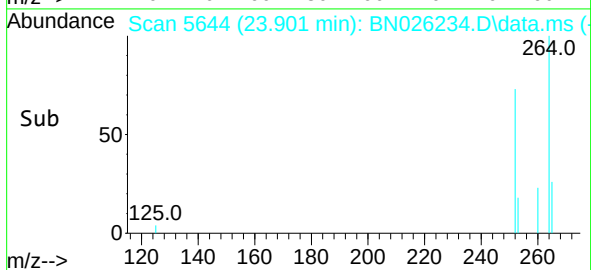
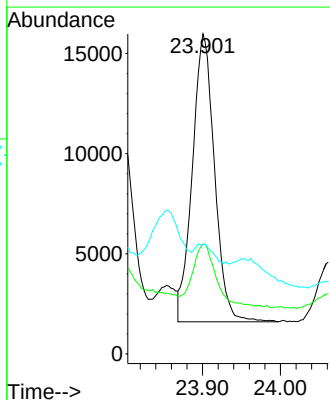
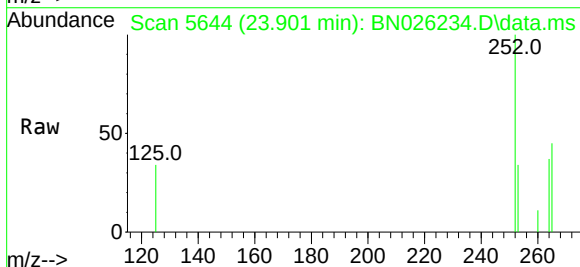
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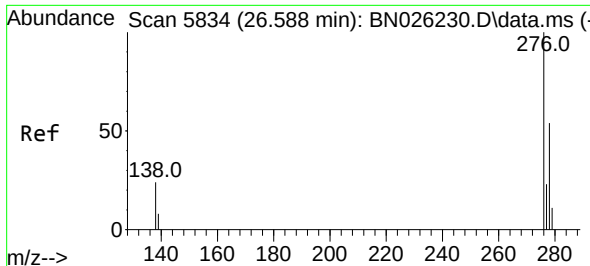
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.901 min Scan# 5644
Delta R.T. 0.007 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Tgt Ion:252 Resp: 28316
Ion Ratio Lower Upper
252 100
253 34.3 26.0 39.0
125 34.2 17.3 25.9





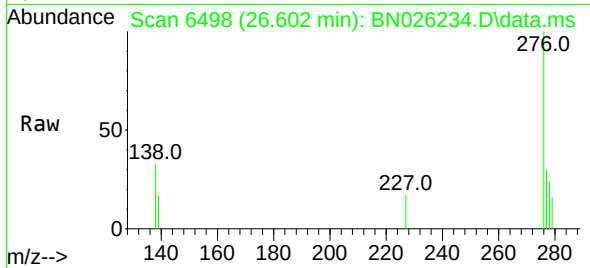
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 26.602 min Scan# 6498
Delta R.T. 0.014 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Instrument :

BNA_N

ClientSampleId :

DCGK1

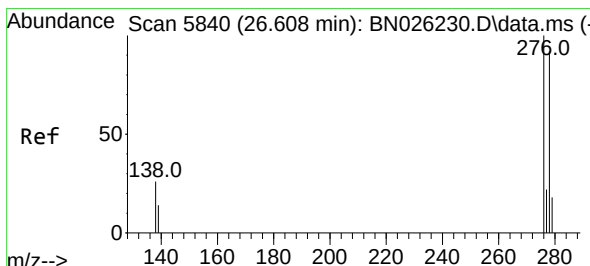
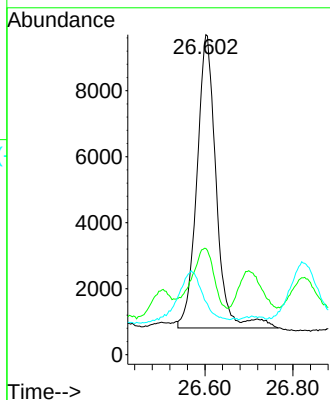
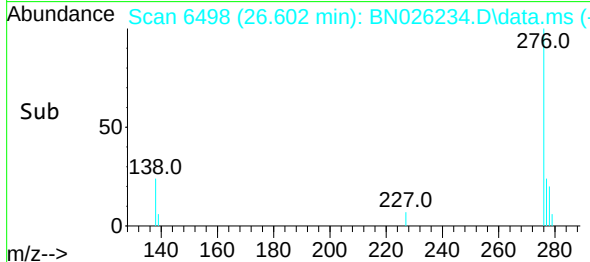


Tgt Ion:276 Resp: 2713
Ion Ratio Lower Upper
276 100
138 25.2 24.5 36.7
227 0.0 0.0 0.0

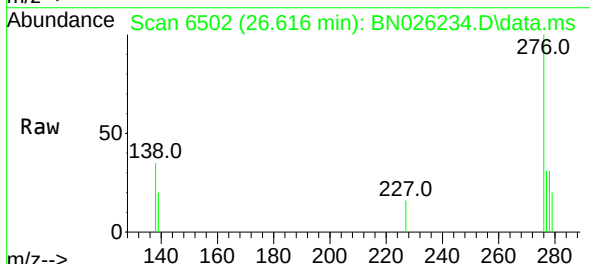
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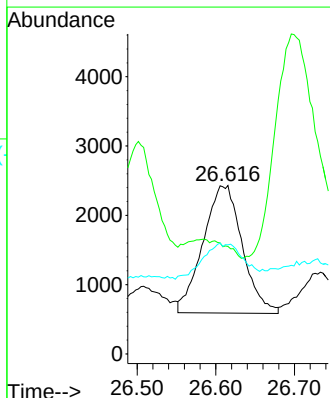
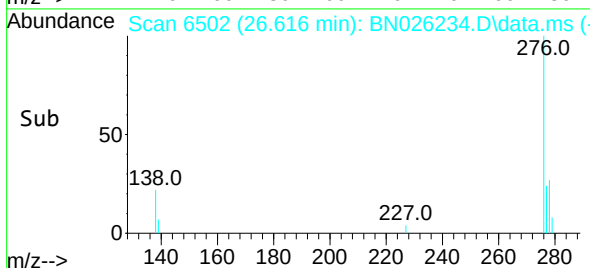
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

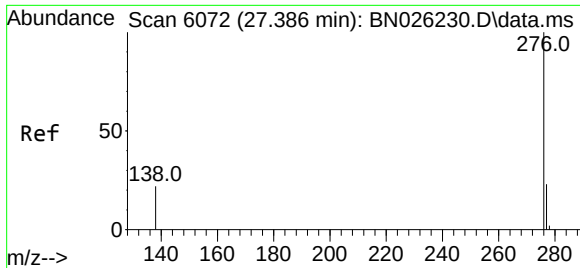


#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.616 min Scan# 6502
Delta R.T. 0.008 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35



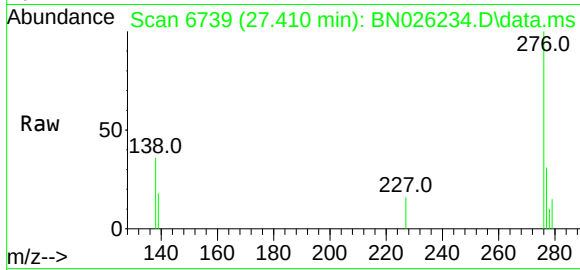
Tgt Ion:278 Resp: 6388
Ion Ratio Lower Upper
278 100
139 63.8 19.0 28.4#
279 64.7 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.353 ng/ul
 RT: 27.410 min Scan# 61
 Delta R.T. 0.024 min
 Lab File: BN026234.D
 Acq: 03 Jul 2023 20:35

Instrument :
 BNA_N
 ClientSampleId :
 DCGK1



Tgt Ion:276 Resp: 2492
 Ion Ratio Lower Upper
 276 100
 138 36.0 23.4 35.0
 277 31.0 20.0 30.0

Manual Integrations
 APPROVED

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

