

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026233.D
 Acq On : 03 Jul 2023 19:58
 Operator : MA/JU
 Sample : 03246-13
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK0

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:03:37 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	7.950	152	9078	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	28568	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	18284	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	37943	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	20505	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	26937	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	33486	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	10882	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	22705	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.812	128	175148	2.139	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	46761	0.897	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	31458	0.582	ng/ul	100
10) Acenaphthylene	14.320	152	343061	4.007	ng/ul	99
11) Acenaphthene	14.657	153	79162	1.130	ng/ul	100
12) Fluorene	15.643	166	96341	1.200	ng/ul	99
14) Pentachlorophenol	17.004	266	416	0.031	ng/ul	96
15) Phenanthrene	17.388	178	2361455	18.842	ng/ul	100
16) Anthracene	17.481	178	508930	4.569	ng/ul	100
19) Fluoranthene	19.409	202	6055417	55.290	ng/ul	97
20) Pyrene	19.776	202	5006743	43.952	ng/ul	94
21) Benzo(a)anthracene	21.519	228	2420773	28.618	ng/ul	96
22) Chrysene	21.577	228	2495384	28.351	ng/ul	96
24) Benzo(b)fluoranthene	23.261	252	3567896m	31.033	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	1365731m	11.829	ng/ul	
26) Benzo(a)pyrene	23.907	252	2534762	25.384	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.613	276	2029221	18.605	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.613	278	490564m	5.943	ng/ul	
29) Benzo(g,h,i)perylene	27.418	276	1807946	18.634	ng/ul#	92

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

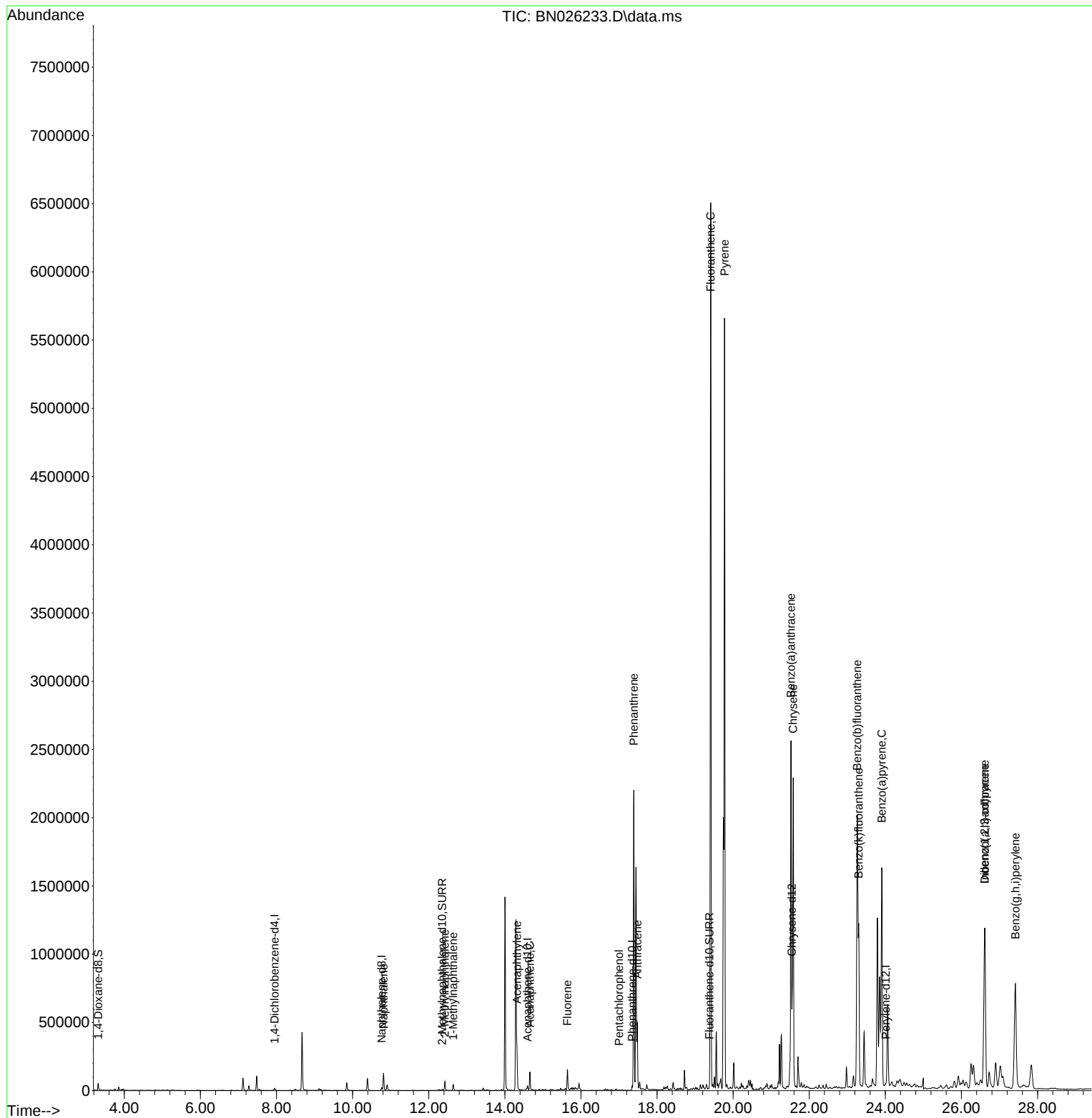
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026233.D
Acq On : 03 Jul 2023 19:58
Operator : MA/JU
Sample : 03246-13
Misc :
ALS Vial : 90 Sample Multiplier: 1

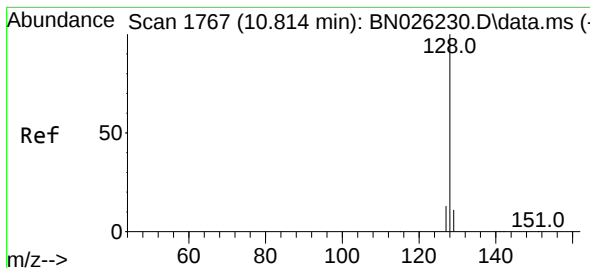
Instrument :
BNA_N
ClientSampleId :
DCGK0

Quant Time: Jul 04 01:03:37 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

Manual Integrations
APPROVED

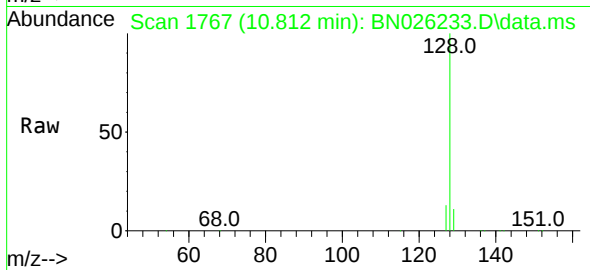
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 2.139 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

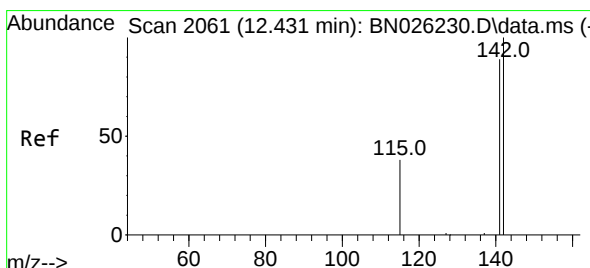
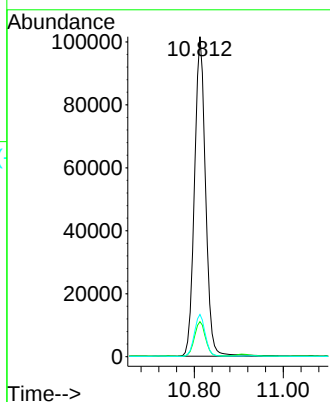
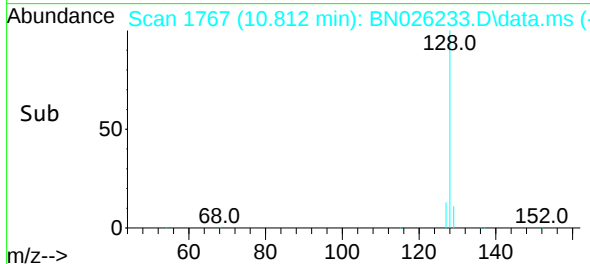
Instrument :
BNA_N
ClientSampleId :
DCGK0



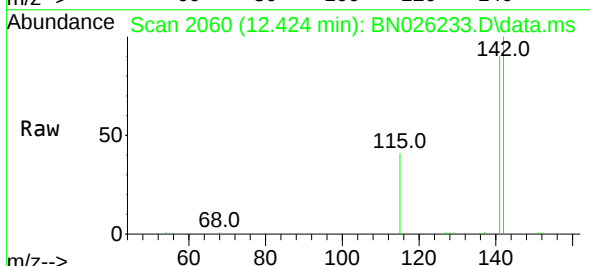
Tgt Ion:128 Resp: 17514
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 10.7 16.1

Manual Integrations
APPROVED

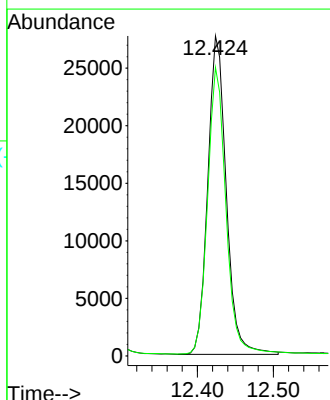
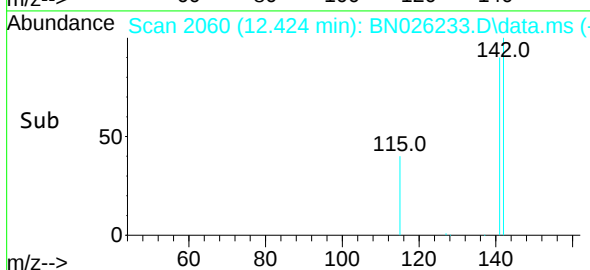
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

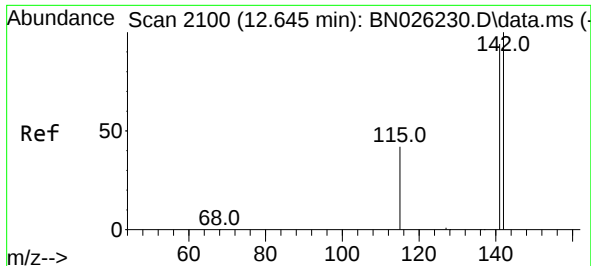


#7
2-Methylnaphthalene
Concen: 0.897 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.007 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58



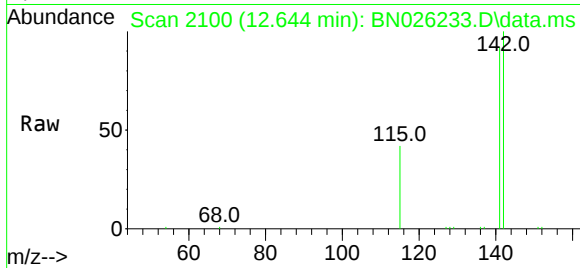
Tgt Ion:142 Resp: 46761
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.582 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.002 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

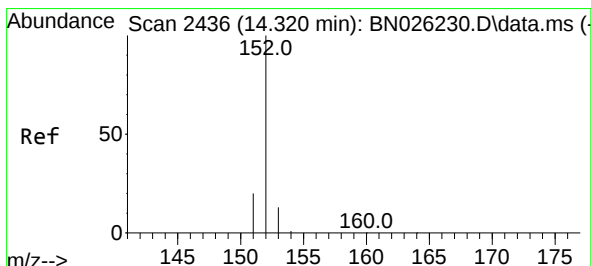
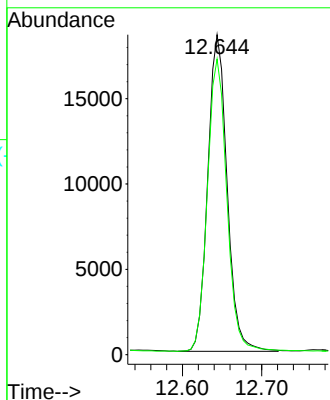
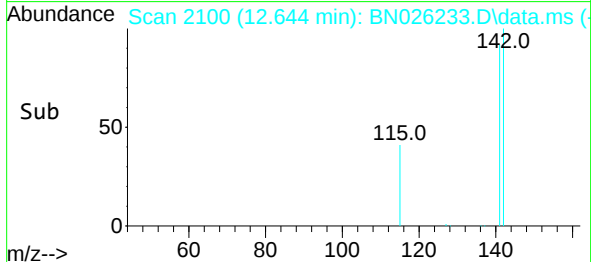
Instrument :
BNA_N
ClientSampleId :
DCGK0



Tgt Ion:142 Resp: 31458
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

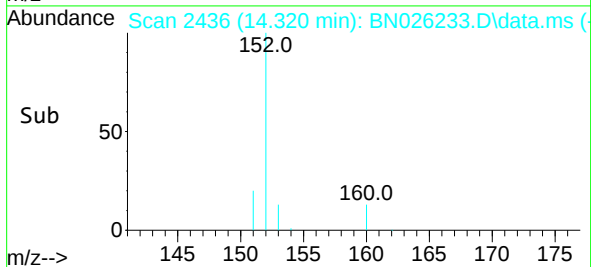
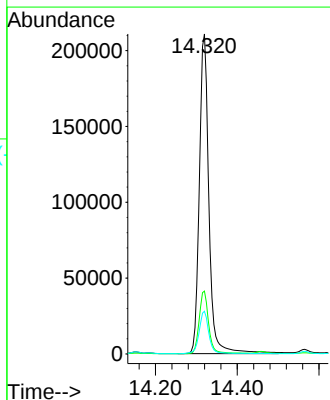
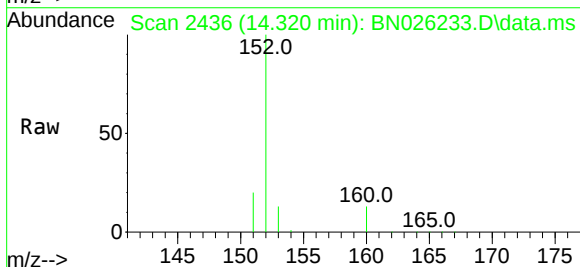
Manual Integrations
APPROVED

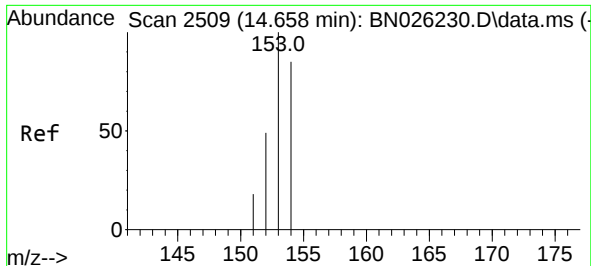
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 4.007 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.001 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

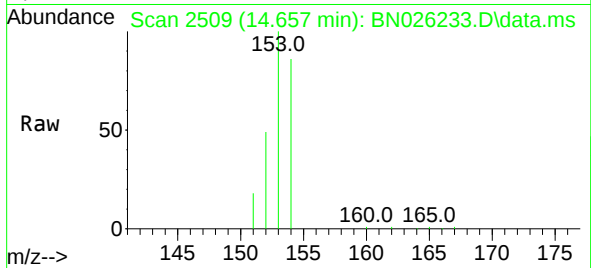
Tgt Ion:152 Resp: 343061
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 1.130 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.001 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

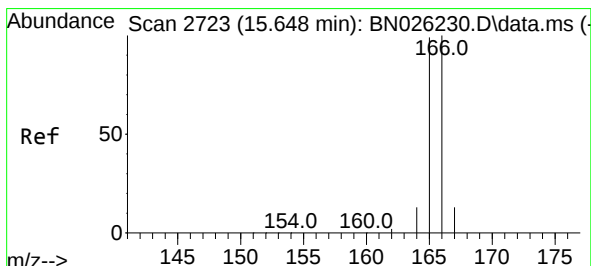
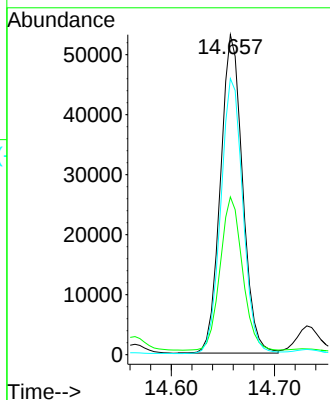
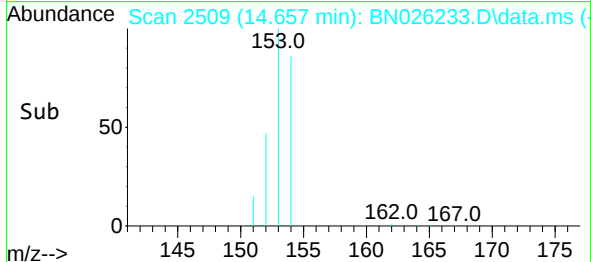
Instrument :
BNA_N
ClientSampleId :
DCGK0



Tgt Ion:153 Resp: 79162
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 86.3 68.9 103.3

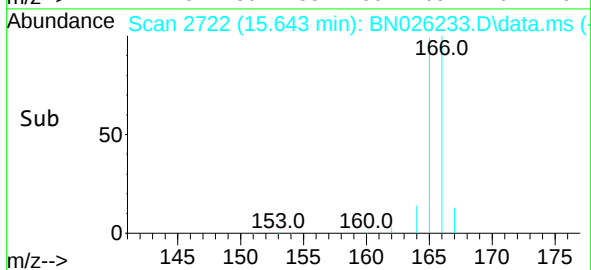
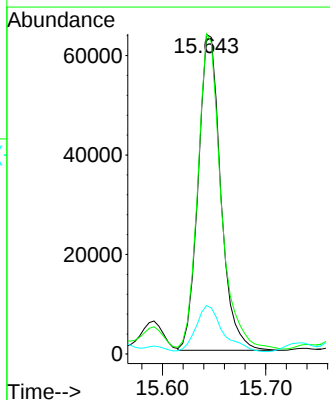
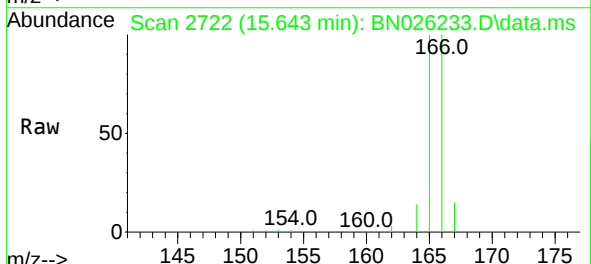
Manual Integrations
APPROVED

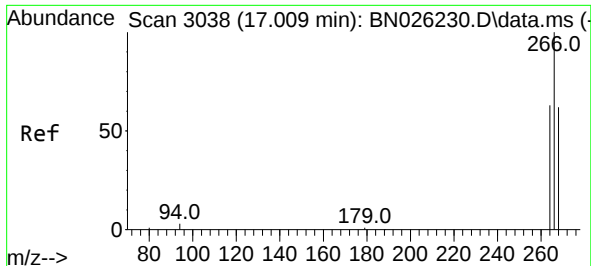
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 1.200 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

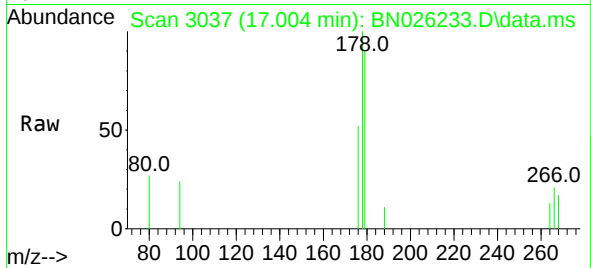
Tgt Ion:166 Resp: 96341
Ion Ratio Lower Upper
166 100
165 100.2 79.9 119.9
167 15.1 10.8 16.2





#14
 Pentachlorophenol
 Concen: 0.031 ng/u1
 RT: 17.004 min Scan# 3037
 Delta R.T. -0.005 min
 Lab File: BN026233.D
 Acq: 03 Jul 2023 19:58

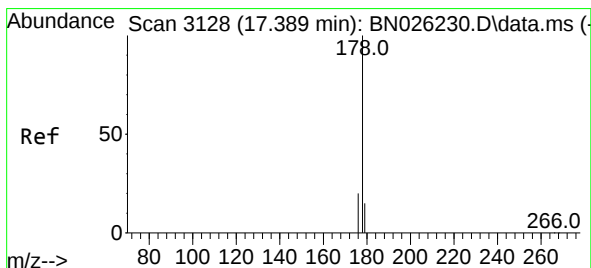
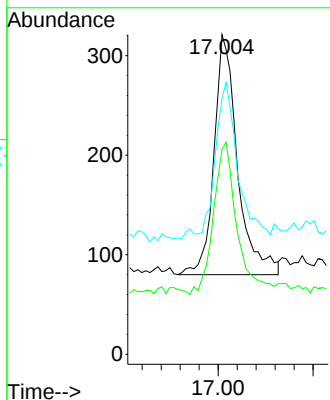
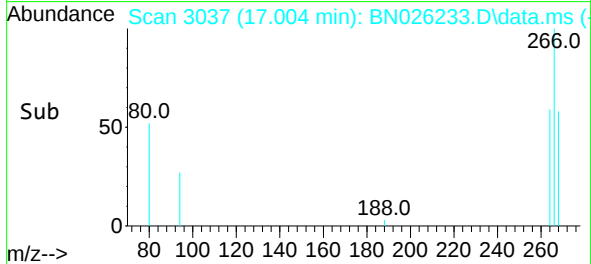
Instrument :
 BNA_N
 ClientSampleId :
 DCGK0



Tgt Ion:266 Resp: 410
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.5 75.7
 268 58.4 51.6 77.4

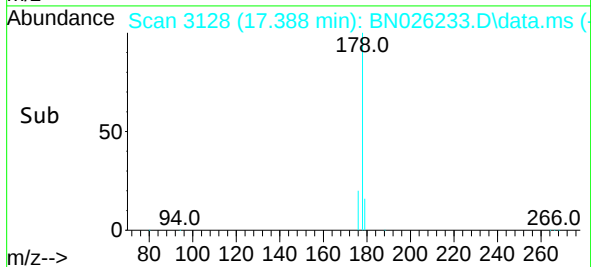
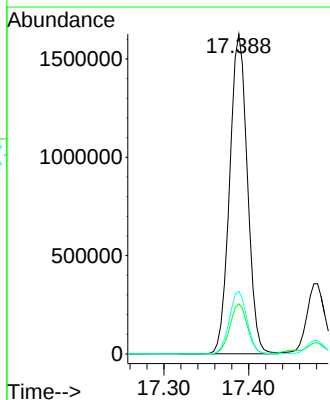
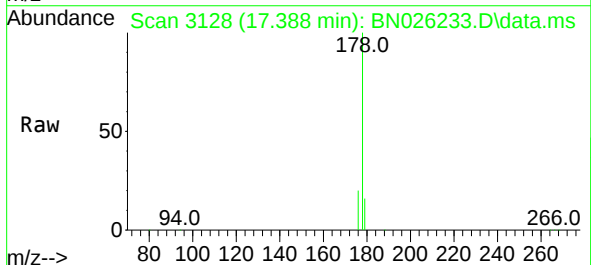
Manual Integrations
 APPROVED

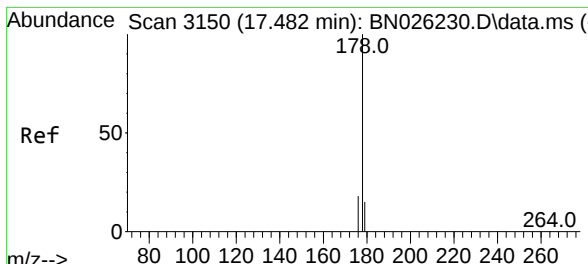
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#15
 Phenanthrene
 Concen: 18.842 ng/u1
 RT: 17.388 min Scan# 3128
 Delta R.T. -0.001 min
 Lab File: BN026233.D
 Acq: 03 Jul 2023 19:58

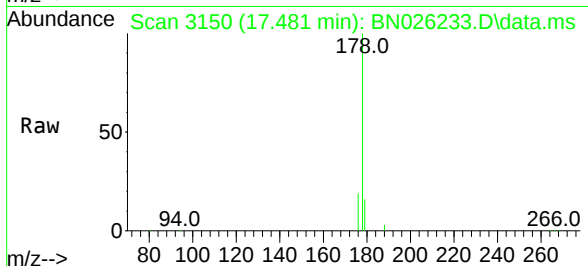
Tgt Ion:178 Resp: 2361455
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 19.0
 176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 4.569 ng/ul
 RT: 17.481 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: BN026233.D
 Acq: 03 Jul 2023 19:58

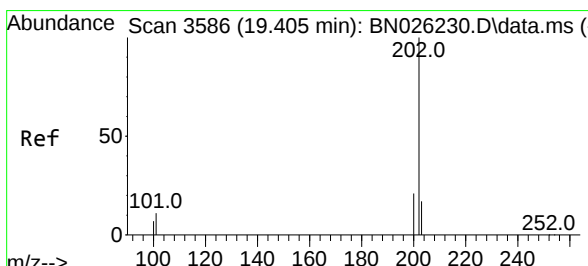
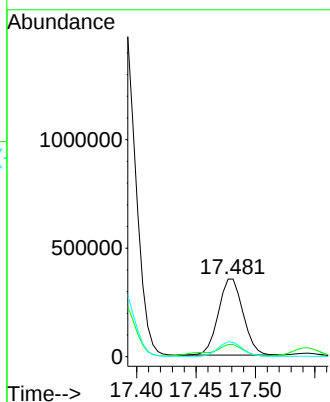
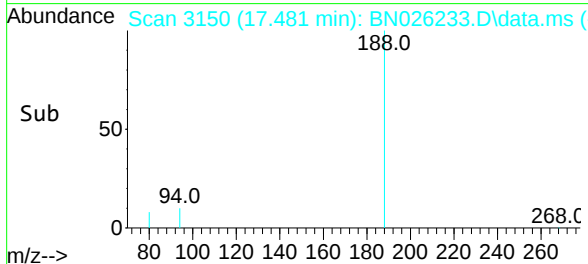
Instrument :
 BNA_N
 ClientSampleId :
 DCGK0



Tgt Ion:	178	Resp:	508930
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	18.7	15.1	22.7

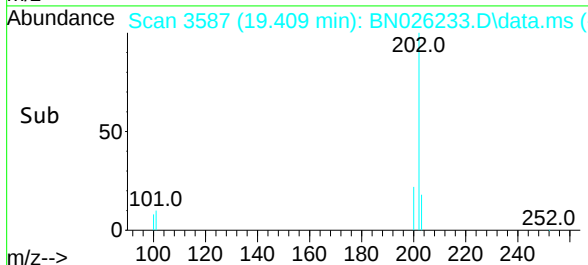
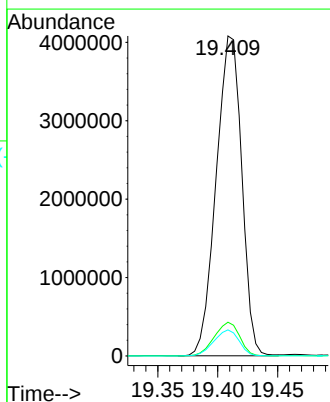
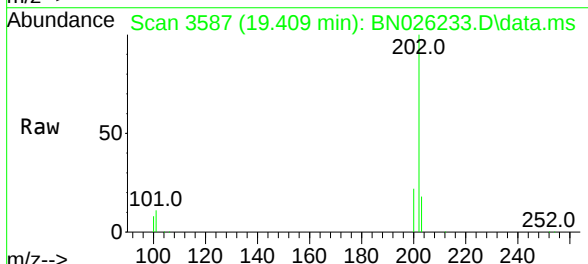
Manual Integrations
 APPROVED

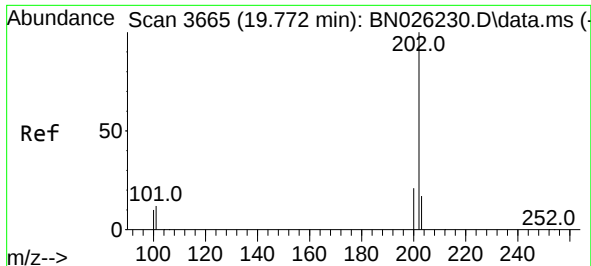
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 55.290 ng/ul
 RT: 19.409 min Scan# 3587
 Delta R.T. 0.003 min
 Lab File: BN026233.D
 Acq: 03 Jul 2023 19:58

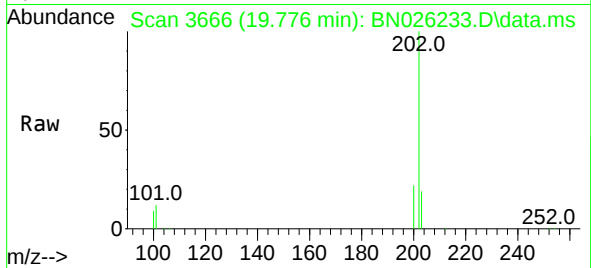
Tgt Ion:	202	Resp:	6055417
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.5	14.3
100	8.1	7.3	10.9





#20
Pyrene
Concen: 43.952 ng/ul
RT: 19.776 min Scan# 30
Delta R.T. 0.003 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

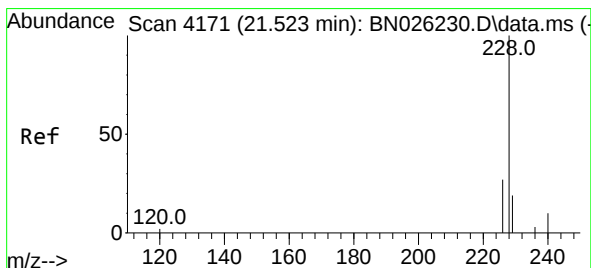
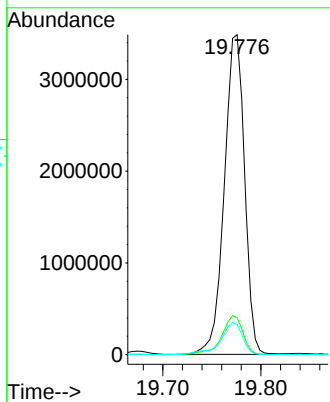
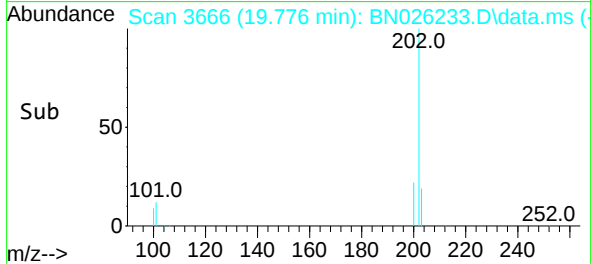
Instrument :
BNA_N
ClientSampleId :
DCGK0



Tgt Ion:202 Resp: 500674
Ion Ratio Lower Upper
202 100
101 11.5 11.4 17.0
100 9.4 9.1 13.7

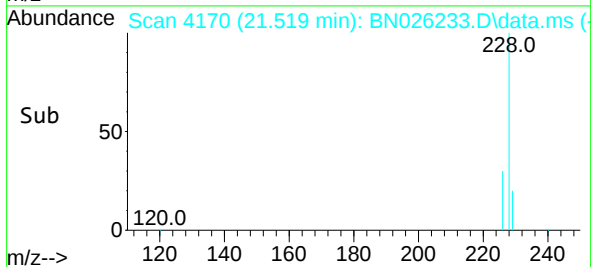
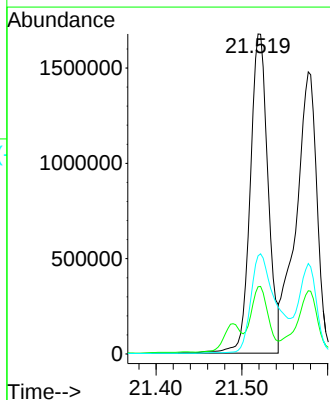
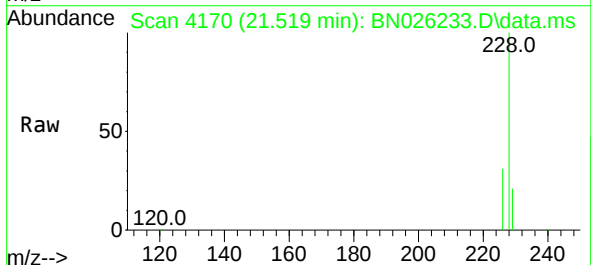
Manual Integrations
APPROVED

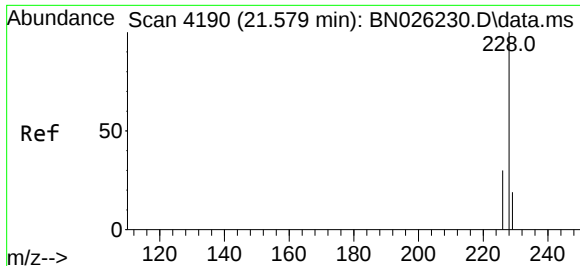
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#21
Benzo(a)anthracene
Concen: 28.618 ng/ul
RT: 21.519 min Scan# 4170
Delta R.T. -0.004 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

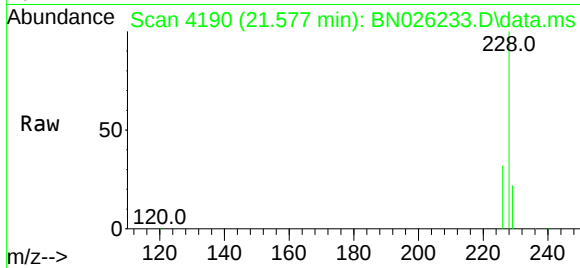
Tgt Ion:228 Resp: 2420773
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 30.7 22.5 33.7





#22
Chrysene
Concen: 28.351 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

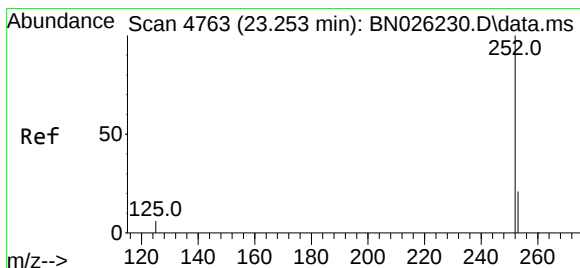
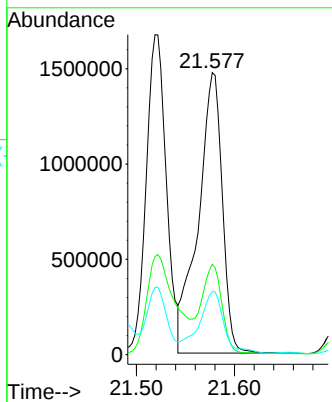
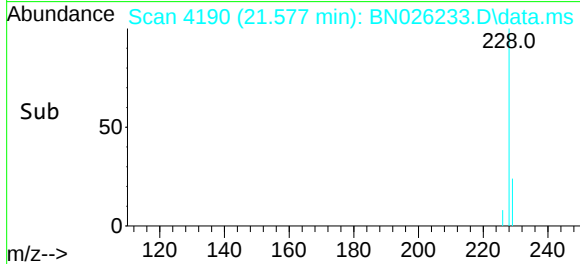
Instrument :
BNA_N
ClientSampleId :
DCGK0



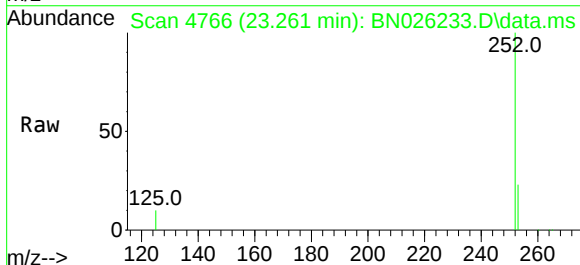
Tgt Ion:228 Resp: 2495384
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 22.4 15.7 23.5

Manual Integrations
APPROVED

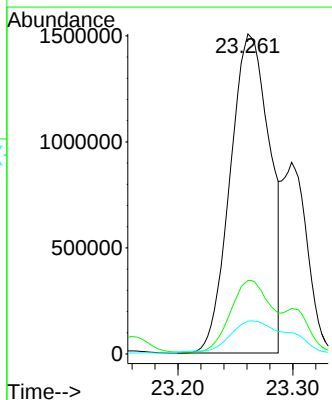
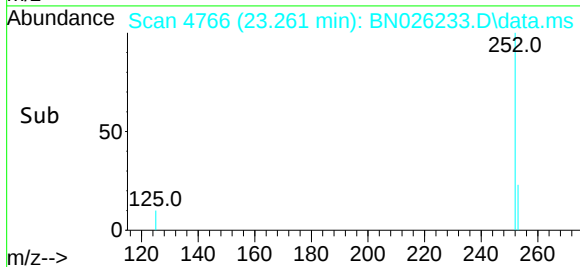
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

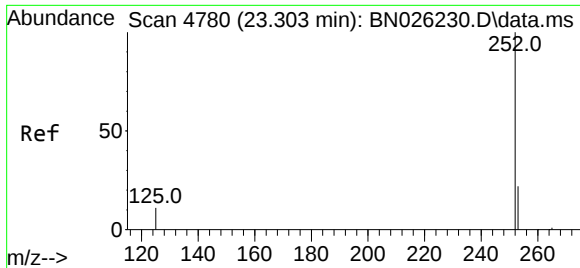


#24
Benzo(b)fluoranthene
Concen: 31.033 ng/ul m
RT: 23.261 min Scan# 4766
Delta R.T. 0.008 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58



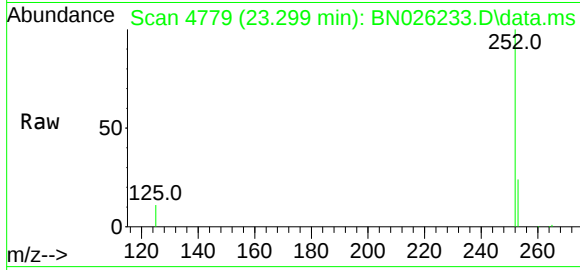
Tgt Ion:252 Resp: 3567896
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 10.3 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 11.829 ng/ul m
RT: 23.299 min Scan# 4779
Delta R.T. -0.004 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

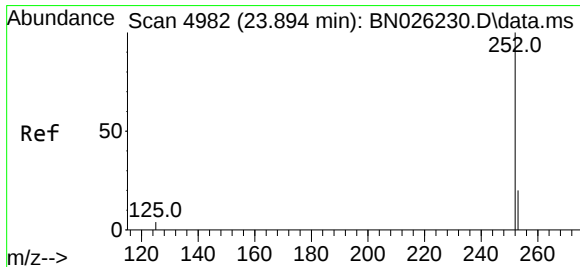
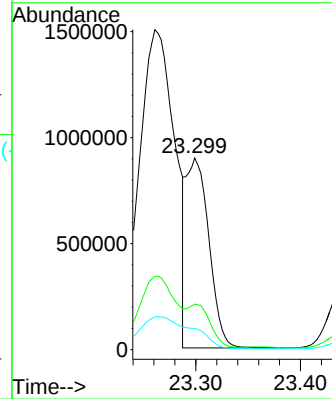
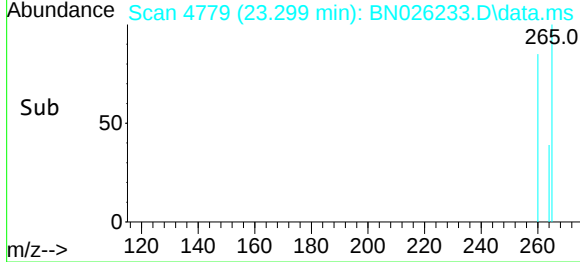
Instrument :
BNA_N
ClientSampleId :
DCGK0



Tgt Ion:252 Resp: 136573
Ion Ratio Lower Upper
252 100
253 23.8 23.2 34.8
125 11.1 15.0 22.4

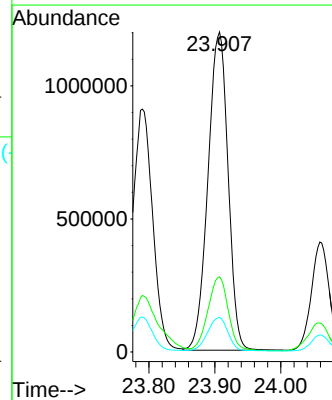
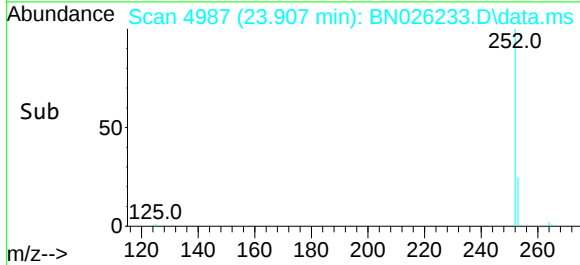
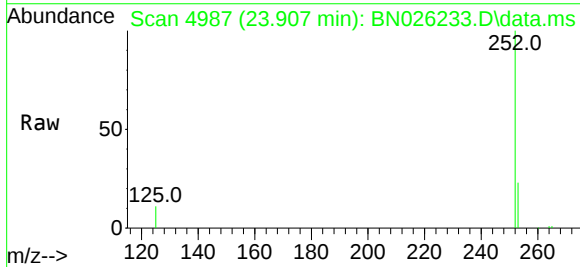
Manual Integrations
APPROVED

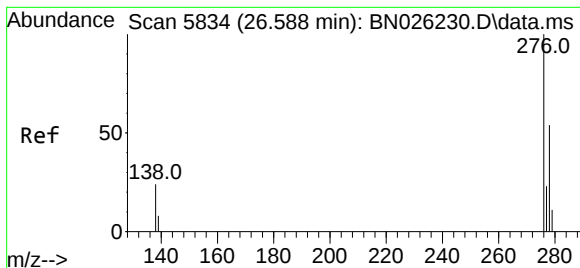
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#26
Benzo(a)pyrene
Concen: 25.384 ng/ul
RT: 23.907 min Scan# 4987
Delta R.T. 0.013 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Tgt Ion:252 Resp: 2534762
Ion Ratio Lower Upper
252 100
253 23.5 26.0 39.0#
125 10.8 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 18.605 ng/ul

RT: 26.613 min Scan# 5842

Delta R.T. 0.026 min

Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

Instrument :

BNA_N

ClientSampleId :

DCGK0

Tgt Ion:276 Resp: 202922

Ion Ratio Lower Upper

276 100

138 21.4 24.5 36.7

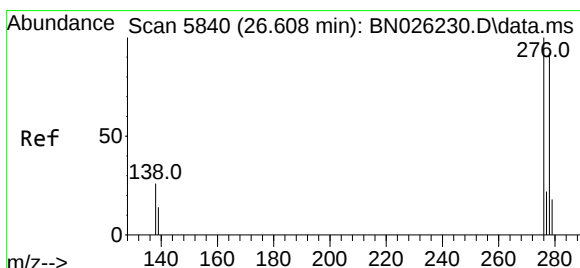
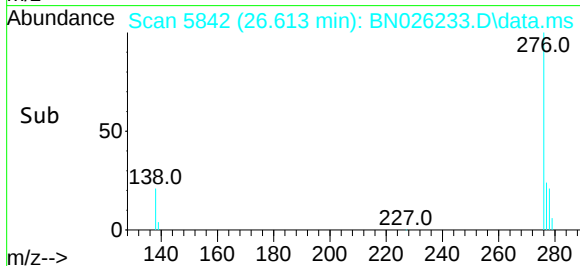
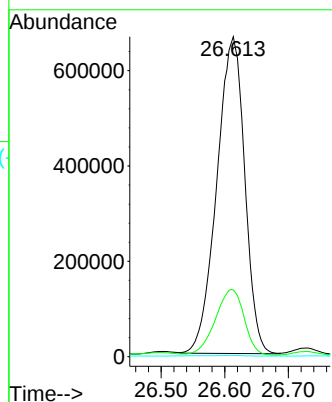
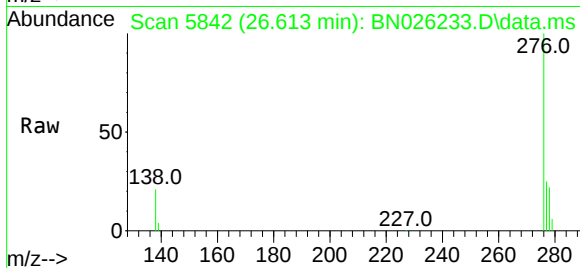
227 0.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#28

Dibenzo(a,h)anthracene

Concen: 5.943 ng/ul m

RT: 26.613 min Scan# 5842

Delta R.T. 0.005 min

Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

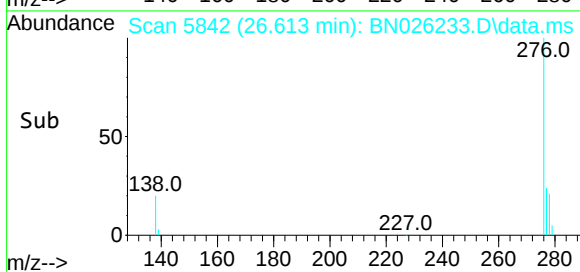
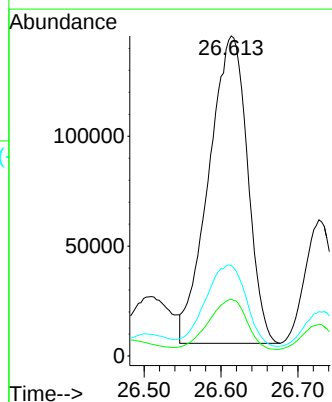
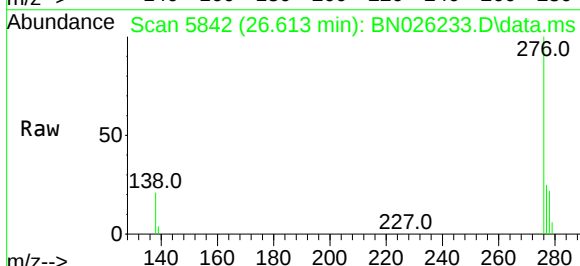
Tgt Ion:278 Resp: 490564

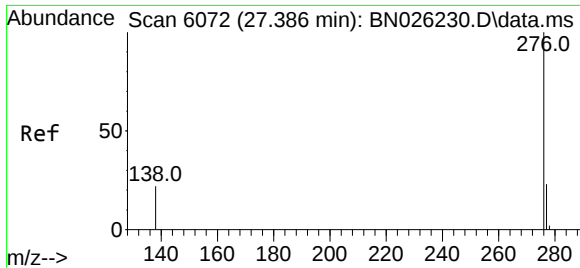
Ion Ratio Lower Upper

278 100

139 17.7 19.0 28.4

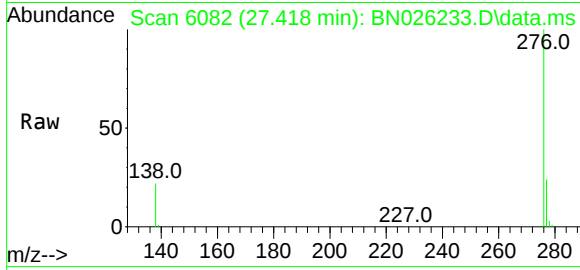
279 28.4 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 18.634 ng/ul
 RT: 27.418 min Scan# 6082
 Delta R.T. 0.032 min
 Lab File: BN026233.D
 Acq: 03 Jul 2023 19:58

Instrument :
 BNA_N
 ClientSampleId :
 DCGK0



Tgt Ion:276 Resp: 1807940
 Ion Ratio Lower Upper
 276 100
 138 21.7 23.4 35.0
 277 24.1 20.0 30.0

Manual Integrations
 APPROVED

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

