

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026235.D
 Acq On : 03 Jul 2023 21:13
 Operator : MA/JU
 Sample : 03246-18
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK5

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:04:03 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	7.951	152	8411	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	25782	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.598	164	16441	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	34008	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	18568	0.400	ng/ul	# 0.00
23) Perylene-d12	24.010	264	17976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	29954	3.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	9351	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	19291	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.813	128	26112	0.353	ng/ul	98
7) 2-Methylnaphthalene	12.424	142	10548	0.224	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	8155	0.167	ng/ul	99
10) Acenaphthylene	14.320	152	46112	0.599	ng/ul	99
11) Acenaphthene	14.658	153	10516	0.167	ng/ul	99
12) Fluorene	15.643	166	9881	0.137	ng/ul#	97
15) Phenanthrene	17.384	178	337712	3.006	ng/ul	99
16) Anthracene	17.477	178	67510	0.676	ng/ul	98
19) Fluoranthene	19.404	202	953282	9.612	ng/ul	97
20) Pyrene	19.767	202	799101	7.747	ng/ul	96
21) Benzo(a)anthracene	21.522	228	354677	4.630	ng/ul	98
22) Chrysene	21.575	228	436814	5.481	ng/ul	97
24) Benzo(b)fluoranthene	23.258	252	664128m	8.656	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	213509m	2.771	ng/ul	
26) Benzo(a)pyrene	23.907	252	399801	6.000	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.604	276	339207	4.660	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.610	278	78493	1.425	ng/ul	99
29) Benzo(g,h,i)perylene	27.415	276	303892	4.693	ng/ul#	93

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

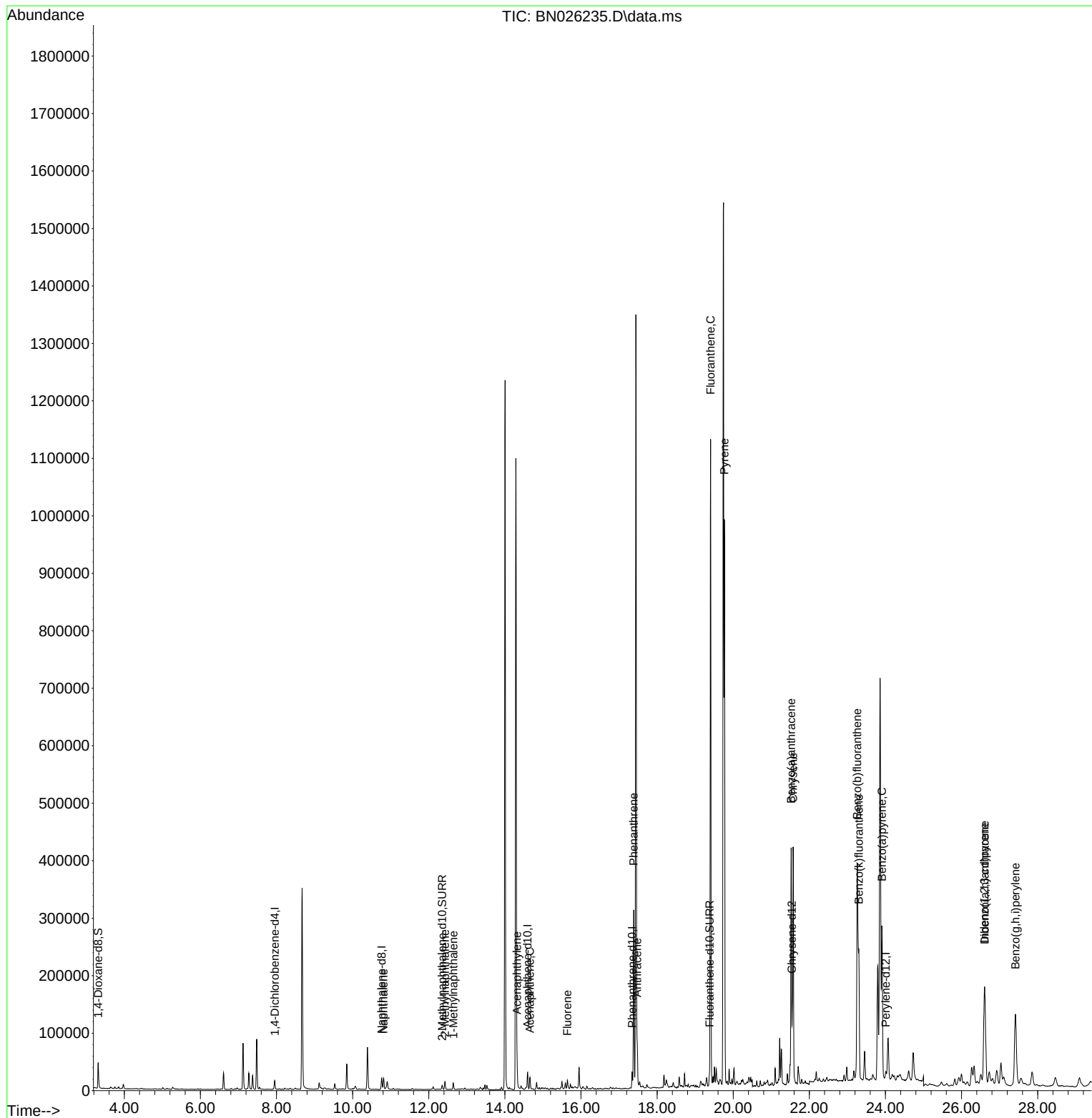
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026235.D
Acq On : 03 Jul 2023 21:13
Operator : MA/JU
Sample : 03246-18
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ALS Vial : 92 Sample Multiplier: 1

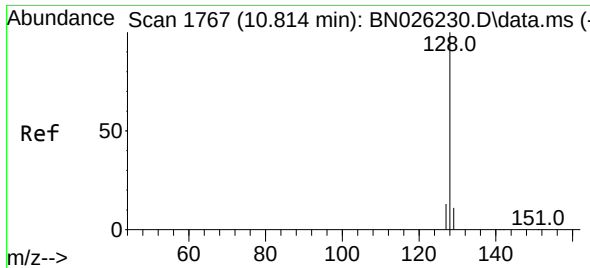
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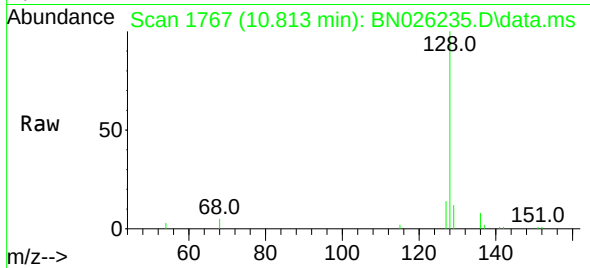
Quant Time: Jul 04 01:04:03 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

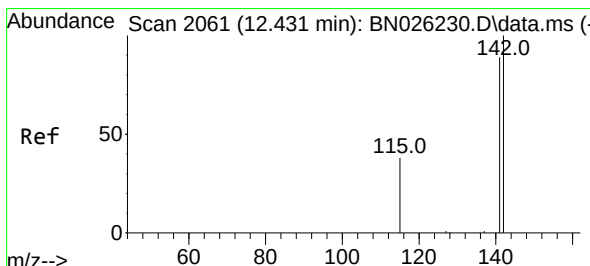
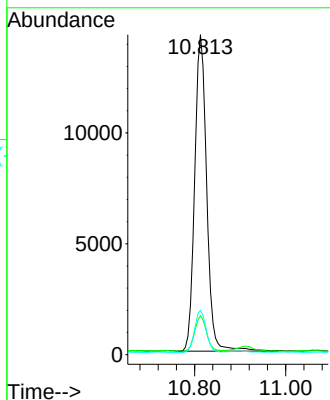
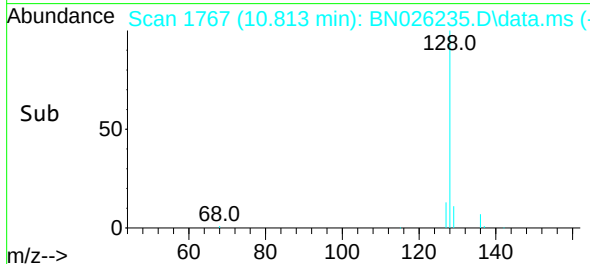
Instrument :
BNA_N
ClientSampleId :
DCGK5



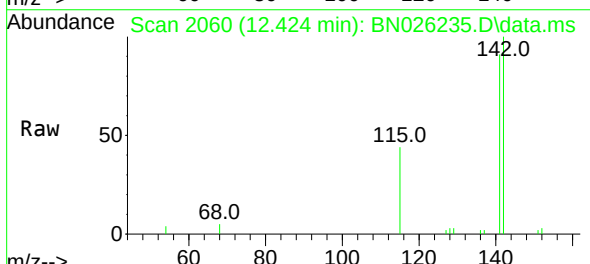
Tgt Ion:128 Resp: 2611
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.9 10.7 16.1

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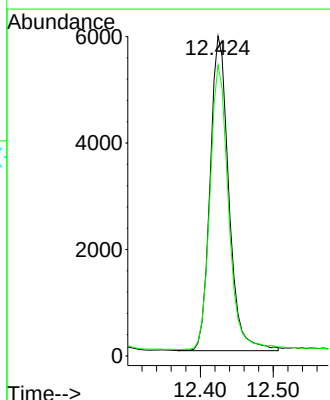
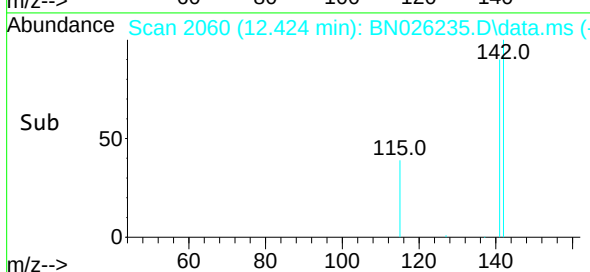
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

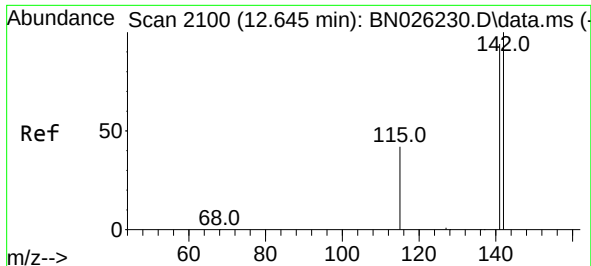


#7
2-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.007 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13



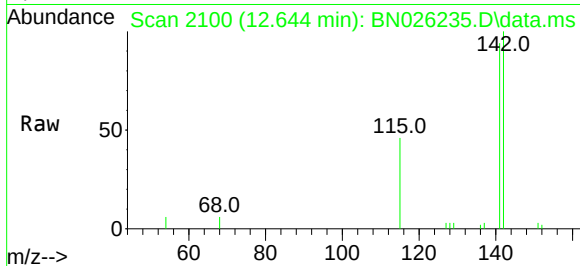
Tgt Ion:142 Resp: 10548
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.001 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

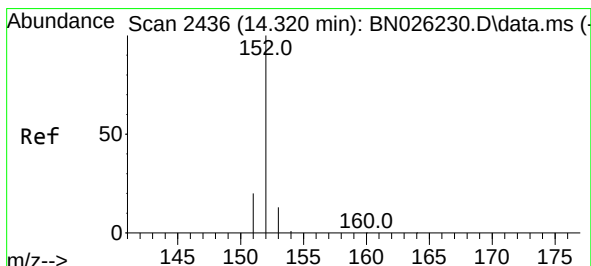
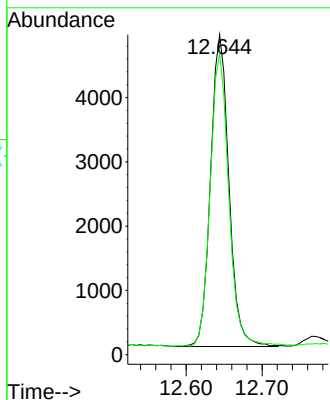
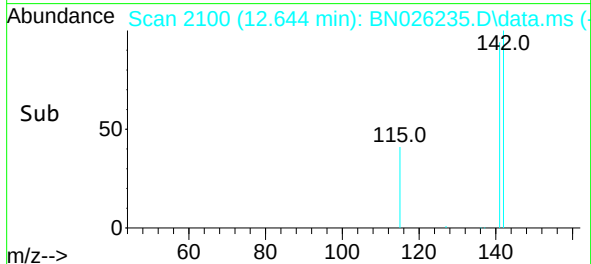
Instrument :
BNA_N
ClientSampleId :
DCGK5



Tgt Ion:142 Resp: 815
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4

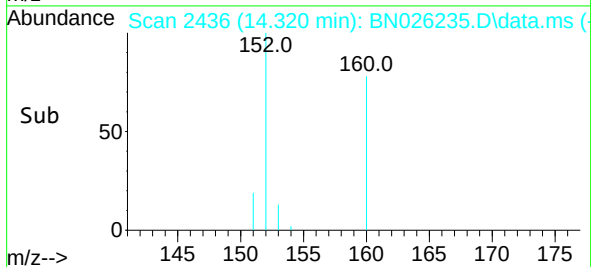
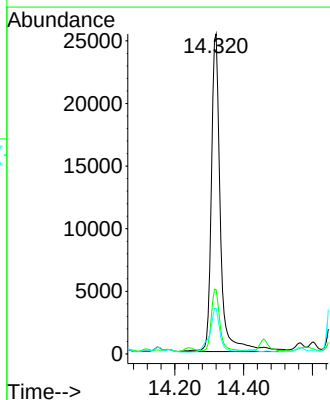
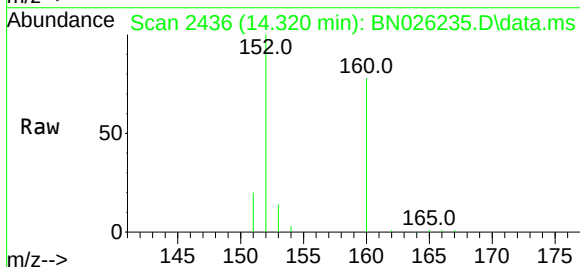
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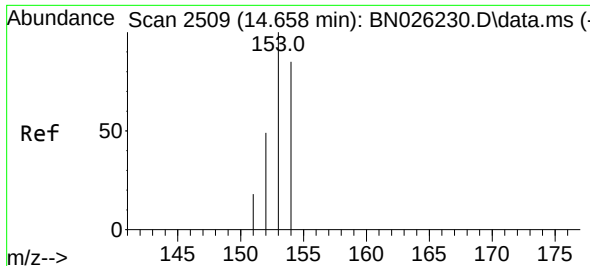
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.599 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

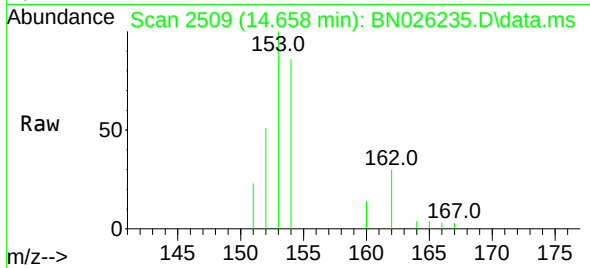
Tgt Ion:152 Resp: 46112
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.167 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

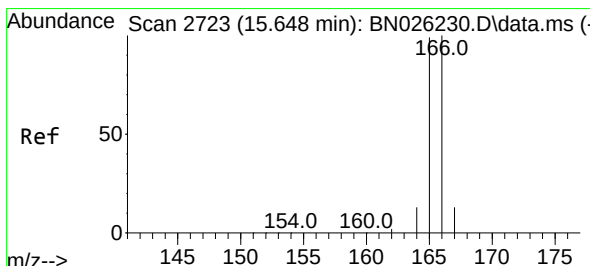
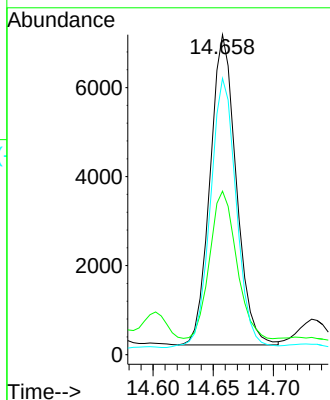
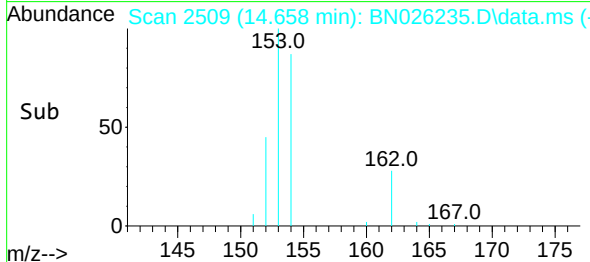
Instrument :
BNA_N
ClientSampleId :
DCGK5



Tgt Ion:153 Resp: 10510
Ion Ratio Lower Upper
153 100
152 51.1 39.4 59.0
154 86.4 68.9 103.3

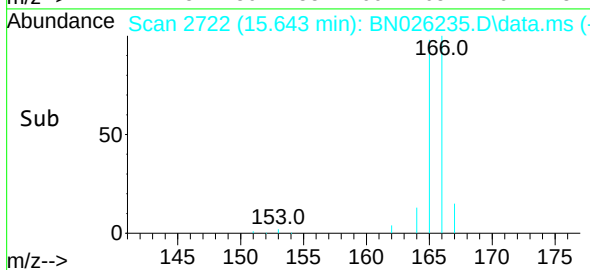
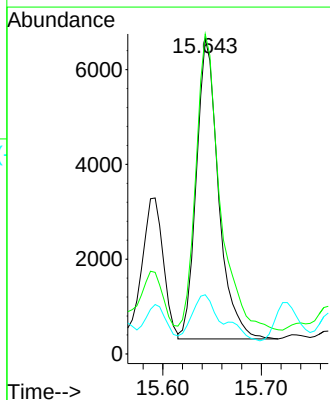
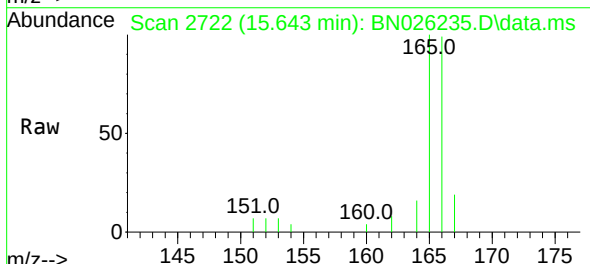
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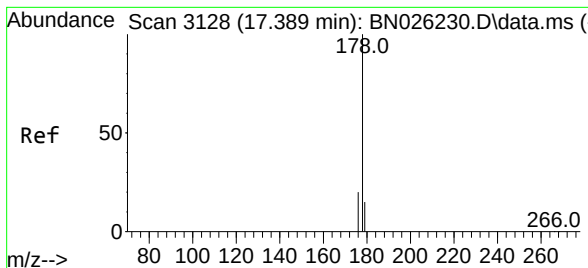
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.137 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Tgt Ion:166 Resp: 9881
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 18.8 10.8 16.2#





#15

Phenanthrene

Concen: 3.006 ng/ul

RT: 17.384 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BN026235.D

Acq: 03 Jul 2023 21:13

Instrument :

BNA_N

ClientSampleId :

DCGK5

Tgt Ion:178 Resp: 33771

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

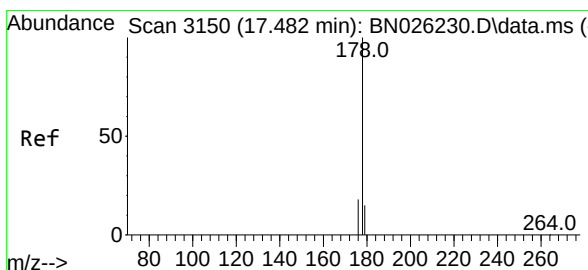
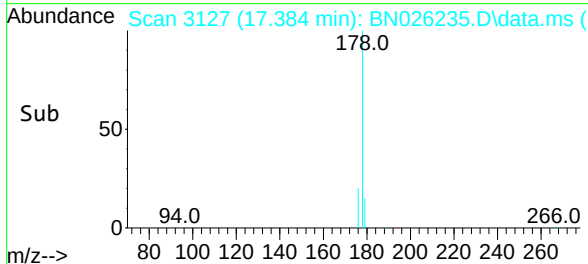
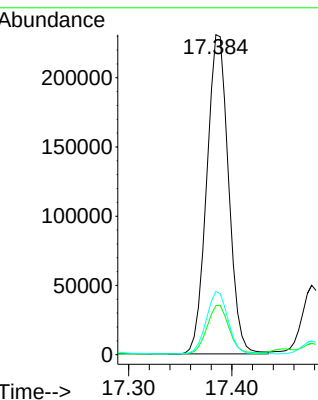
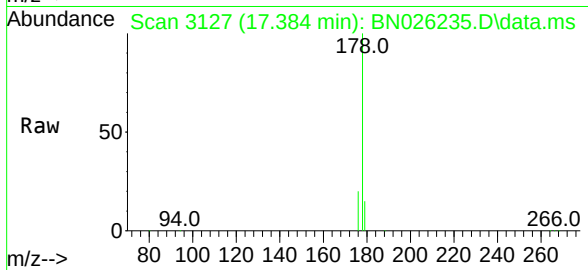
176 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#16

Anthracene

Concen: 0.676 ng/ul

RT: 17.477 min Scan# 3149

Delta R.T. -0.005 min

Lab File: BN026235.D

Acq: 03 Jul 2023 21:13

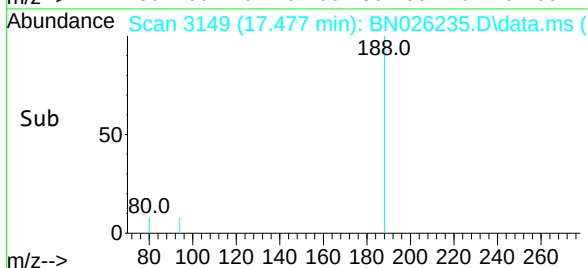
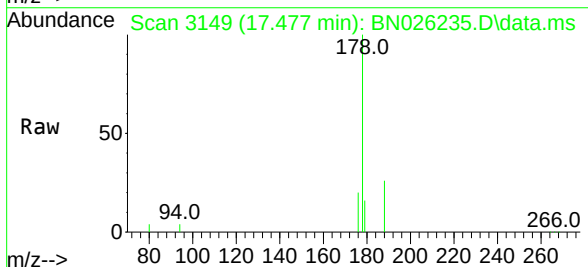
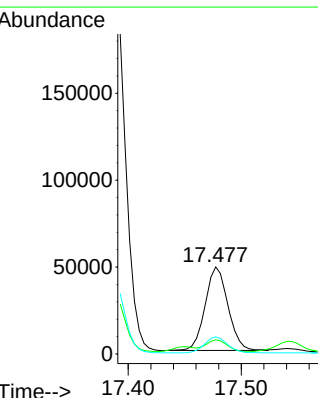
Tgt Ion:178 Resp: 67510

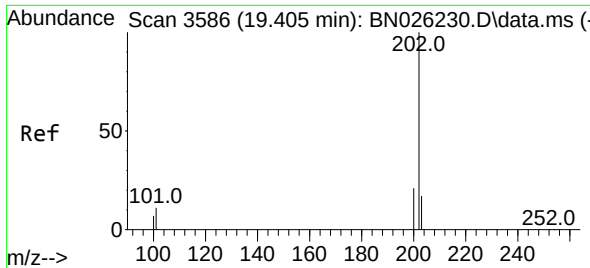
Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

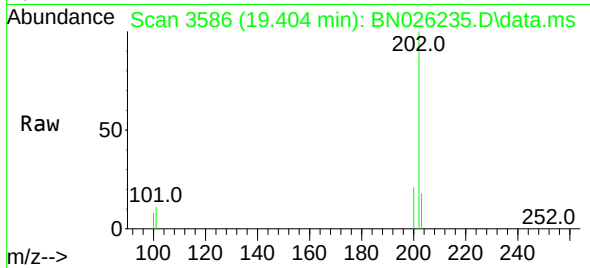
176 19.7 15.1 22.7





#19
Fluoranthene
Concen: 9.612 ng/u1
RT: 19.404 min Scan# 3586
Delta R.T. -0.001 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

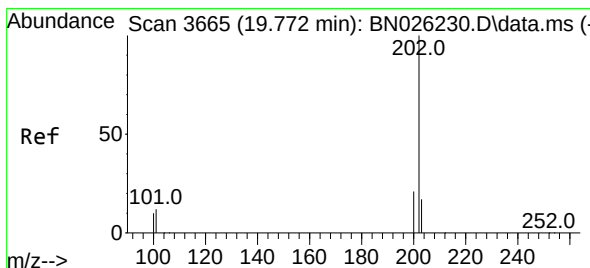
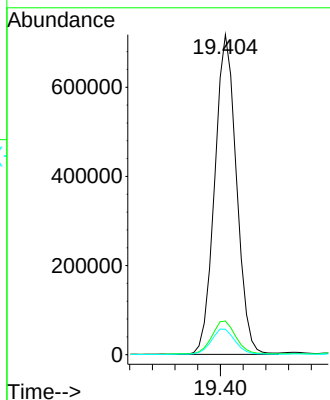
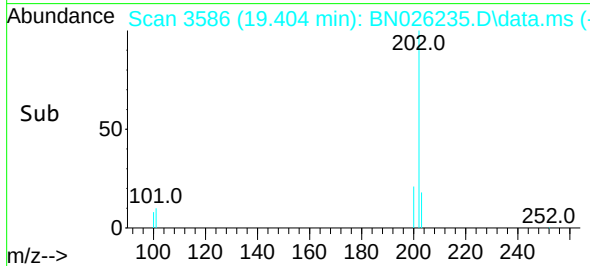
Instrument :
BNA_N
ClientSampleId :
DCGK5



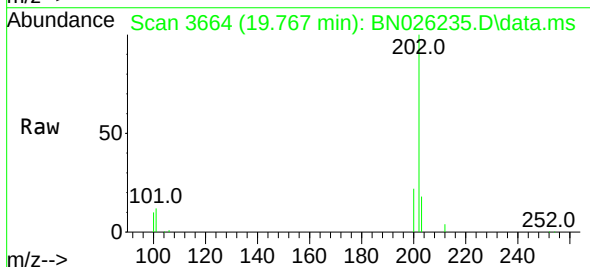
Tgt Ion:202 Resp: 95328
Ion Ratio Lower Upper
202 100
101 10.5 9.5 14.3
100 7.9 7.3 10.9

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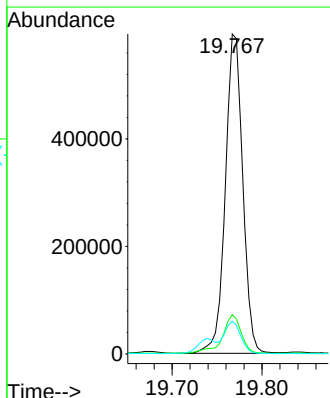
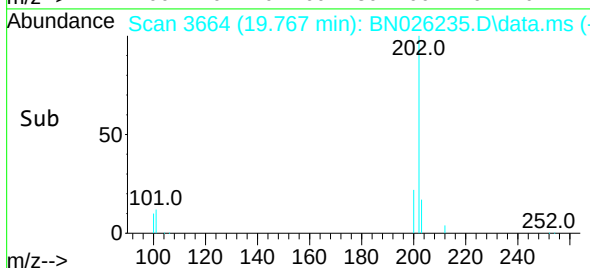
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

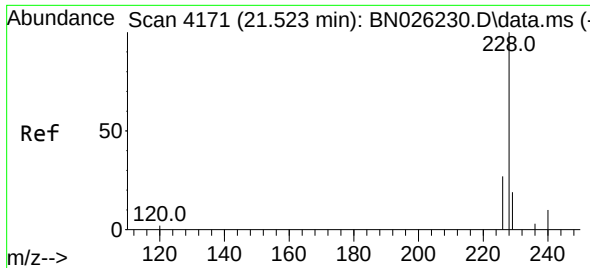


#20
Pyrene
Concen: 7.747 ng/u1
RT: 19.767 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13



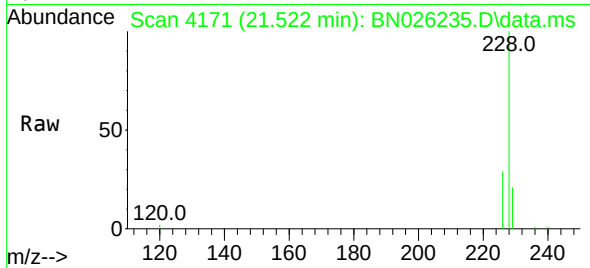
Tgt Ion:202 Resp: 799101
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.630 ng/uI
RT: 21.522 min Scan# 4171
Delta R.T. -0.001 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

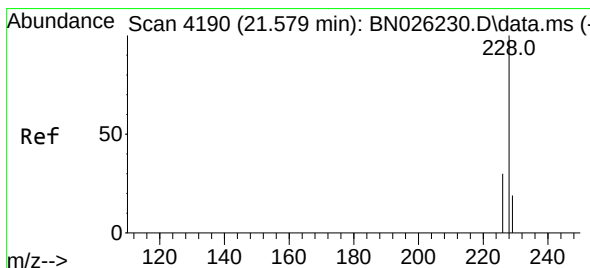
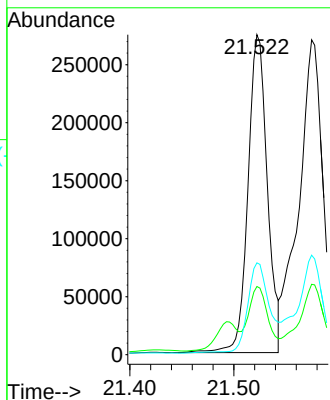
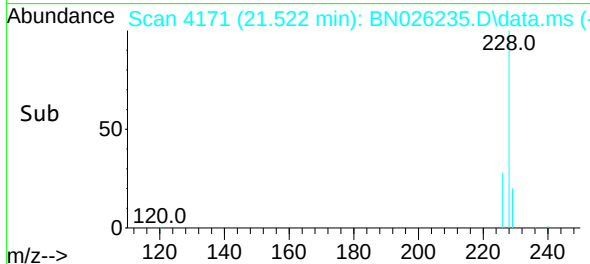
Instrument :
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DCGK5



Tgt Ion:228 Resp: 354672
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.7 22.5 33.7

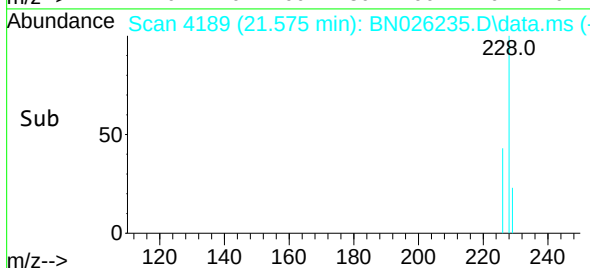
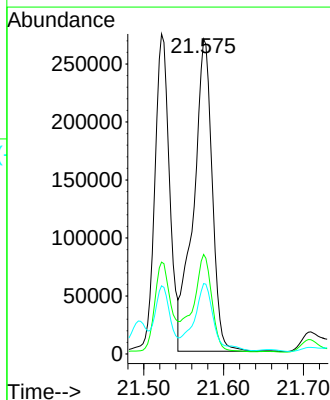
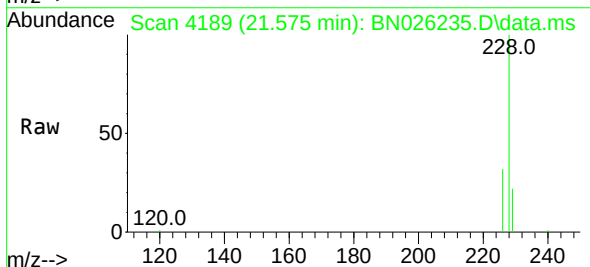
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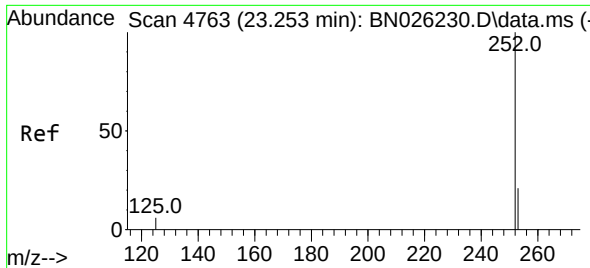
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 5.481 ng/uI
RT: 21.575 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

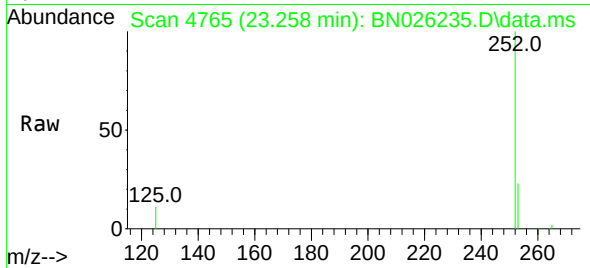
Tgt Ion:228 Resp: 436814
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.656 ng/ul m
RT: 23.258 min Scan# 4765
Delta R.T. 0.005 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

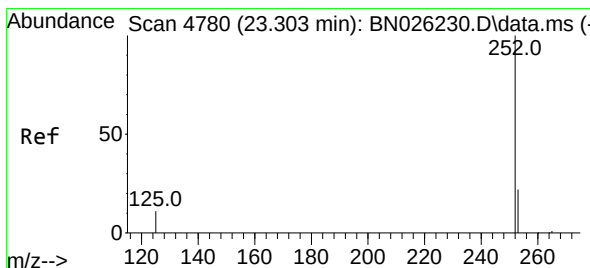
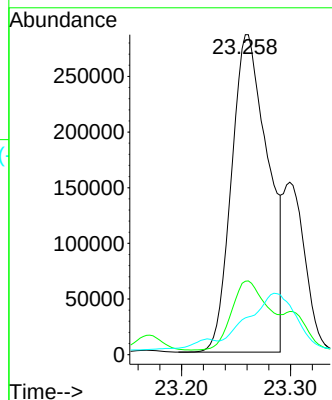
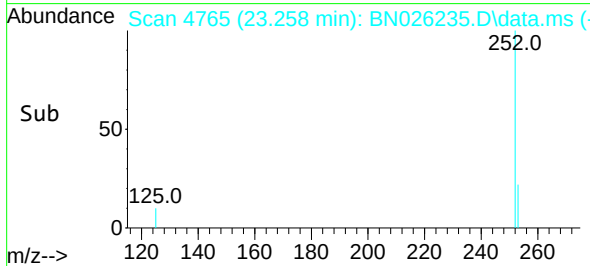
Instrument :
BNA_N
ClientSampleId :
DCGK5



Tgt Ion:252 Resp: 664128
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 11.5 0.0 35.8

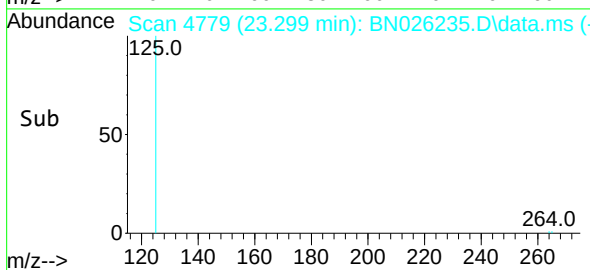
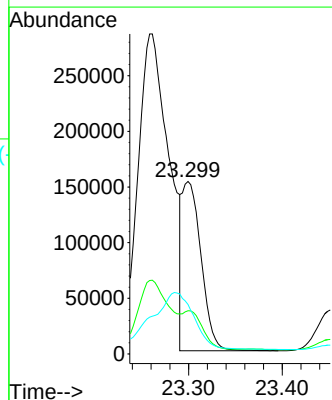
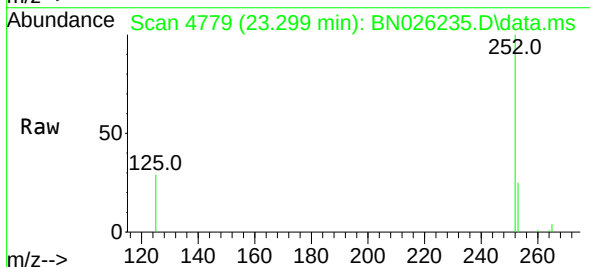
Manual Integrations
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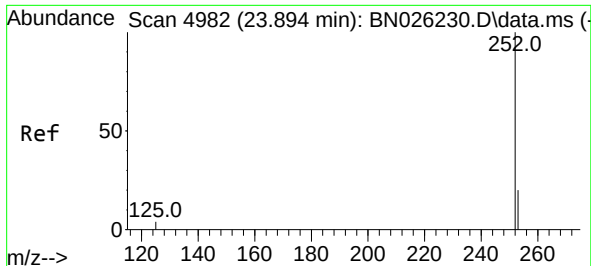
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 2.771 ng/ul m
RT: 23.299 min Scan# 4779
Delta R.T. -0.004 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

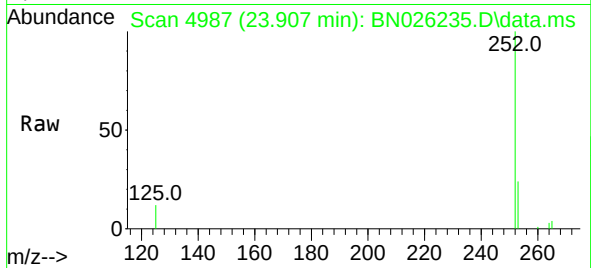
Tgt Ion:252 Resp: 213509
Ion Ratio Lower Upper
252 100
253 25.0 23.2 34.8
125 28.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 6.000 ng/ul
RT: 23.907 min Scan# 4987
Delta R.T. 0.014 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

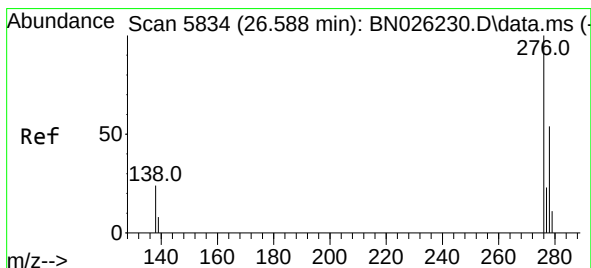
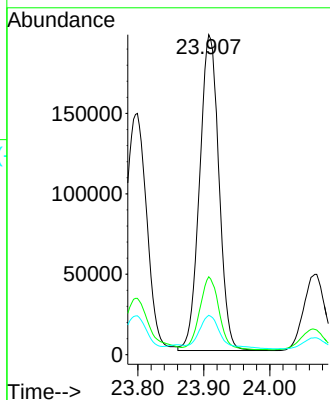
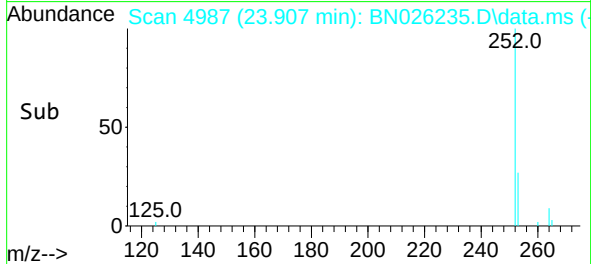
Instrument :
BNA_N
ClientSampleId :
DCGK5



Tgt Ion:252 Resp: 399800
Ion Ratio Lower Upper
252 100
253 24.3 26.0 39.0
125 12.3 17.3 25.9

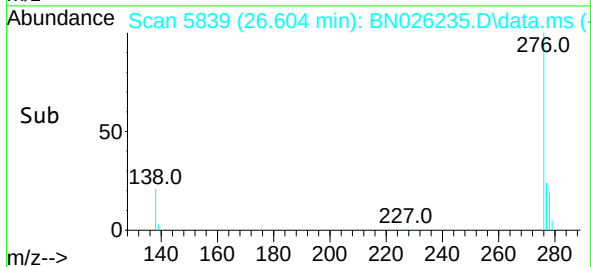
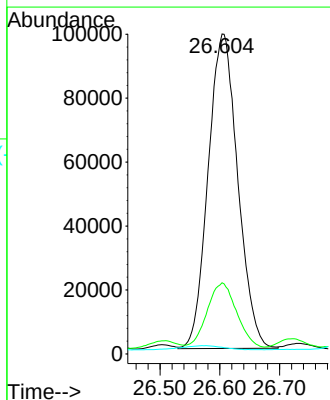
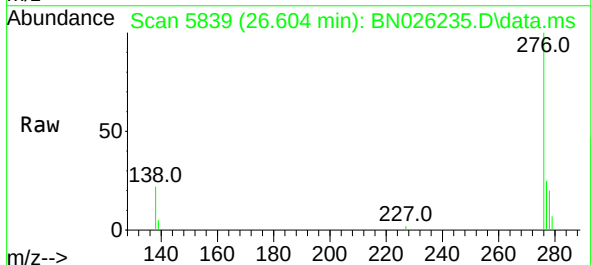
Manual Integrations
APPROVED

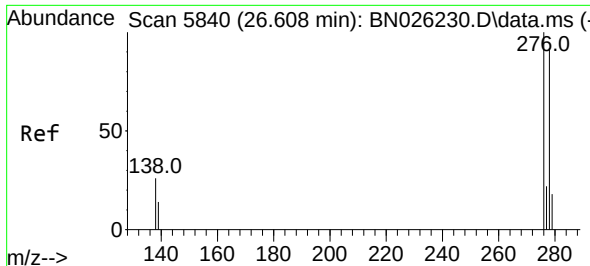
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.660 ng/ul
RT: 26.604 min Scan# 5839
Delta R.T. 0.016 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Tgt Ion:276 Resp: 339207
Ion Ratio Lower Upper
276 100
138 20.3 24.5 36.7
227 0.0 0.0 0.0





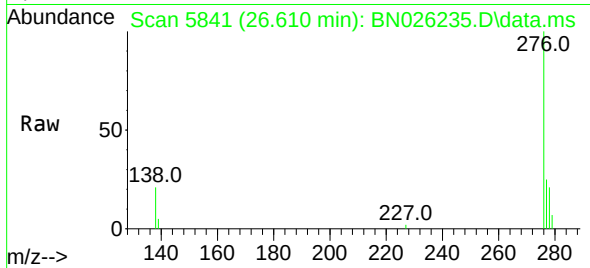
#28
Dibenzo(a,h)anthracene
Concen: 1.425 ng/ul
RT: 26.610 min Scan# 5840
Delta R.T. 0.003 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Instrument :

BNA_N

ClientSampleId :

DCGK5

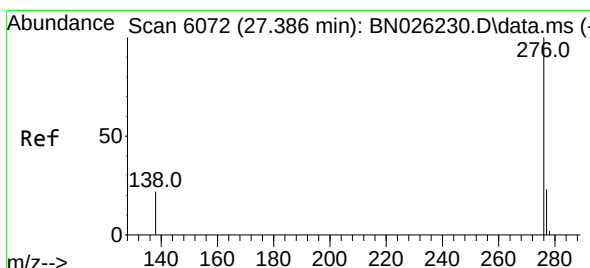
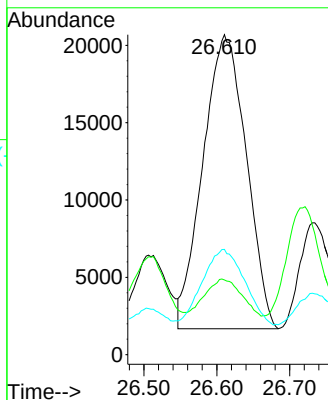
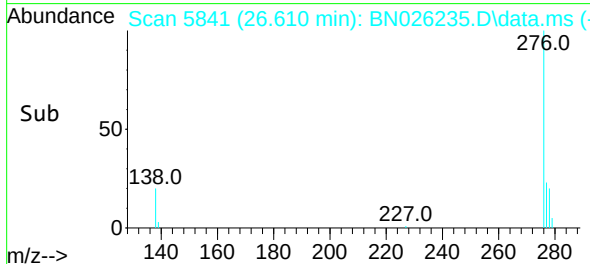


Tgt Ion:278 Resp: 7849
Ion Ratio Lower Upper
278 100
139 23.4 19.0 28.4
279 32.9 26.7 40.1

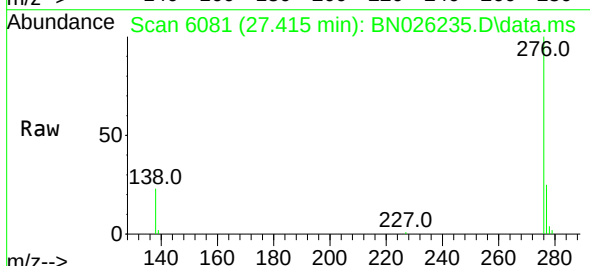
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 4.693 ng/ul
RT: 27.415 min Scan# 6081
Delta R.T. 0.029 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13



Tgt Ion:276 Resp: 303892
Ion Ratio Lower Upper
276 100
138 23.1 23.4 35.0#
277 24.5 20.0 30.0

