

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026225.D
 Acq On : 03 Jul 2023 14:22
 Operator : MA/JU
 Sample : 03246-08
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ5

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:22:02 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	10499	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	33448	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.594	164	20099	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.344	188	40324	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	23106	0.400	ng/ul	# 0.00
23) Perylene-d12	24.017	264	23816	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	21967	1.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10381	0.202	ng/ul	-0.01
18) Fluoranthene-d10	19.374	212	24540	0.279	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.814	128	6395	0.067	ng/ul#	94
7) 2-Methylnaphthalene	12.426	142	4867	0.080	ng/ul	98
8) 1-Methylnaphthalene	12.646	142	3258	0.052	ng/ul	98
10) Acenaphthylene	14.317	152	23219	0.247	ng/ul	99
11) Acenaphthene	14.659	153	2145	0.028	ng/ul	95
12) Fluorene	15.644	166	3223	0.037	ng/ul#	96
15) Phenanthrene	17.386	178	87229	0.655	ng/ul	100
16) Anthracene	17.479	178	39735	0.336	ng/ul	98
19) Fluoranthene	19.406	202	242063	1.961	ng/ul	100
20) Pyrene	19.773	202	209147	1.629	ng/ul	95
21) Benzo(a)anthracene	21.527	228	105664	1.109	ng/ul	95
22) Chrysene	21.579	228	140811	1.420	ng/ul#	88
24) Benzo(b)fluoranthene	23.260	252	260322m	2.561	ng/ul	
25) Benzo(k)fluoranthene	23.304	252	77275m	0.757	ng/ul	
26) Benzo(a)pyrene	23.912	252	132689	1.503	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.602	276	146277	1.517	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.609	278	35298	0.484	ng/ul#	92
29) Benzo(g,h,i)perylene	27.407	276	135696	1.582	ng/ul	95

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

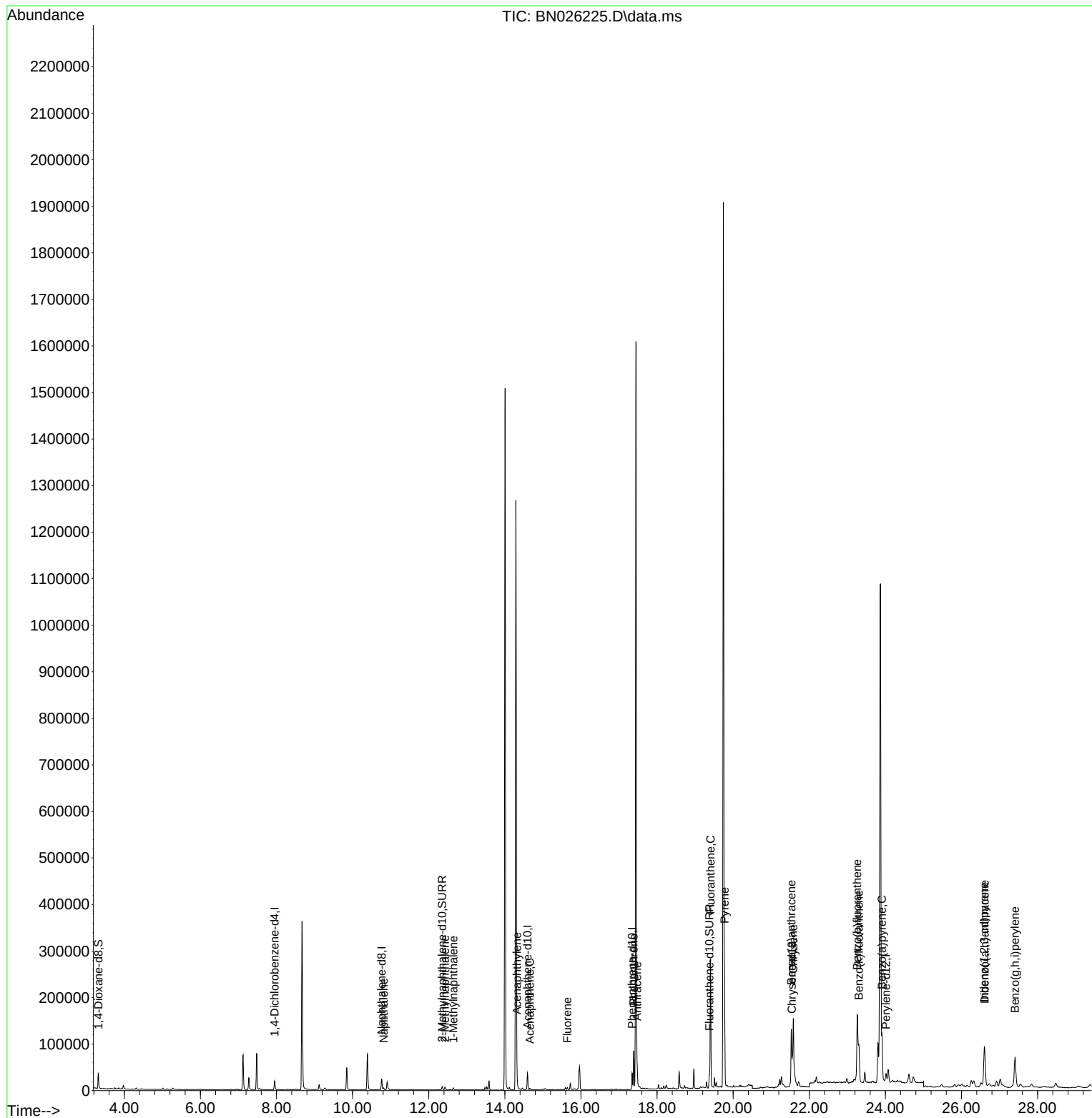
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026225.D
Acq On : 03 Jul 2023 14:22
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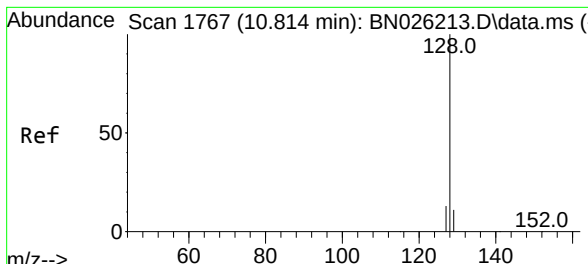
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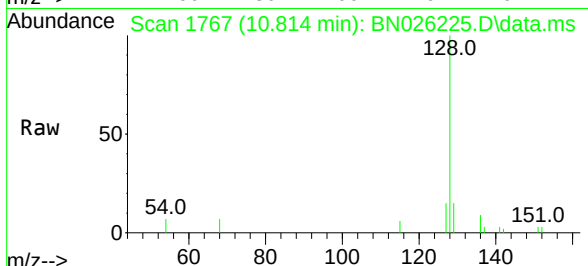
Quant Time: Jul 03 23:22:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

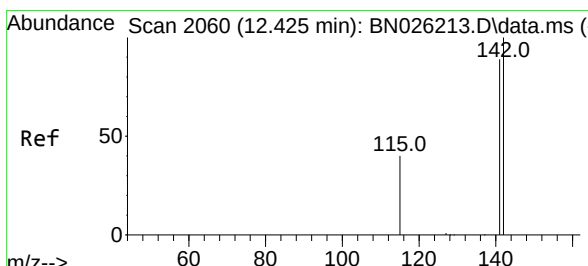
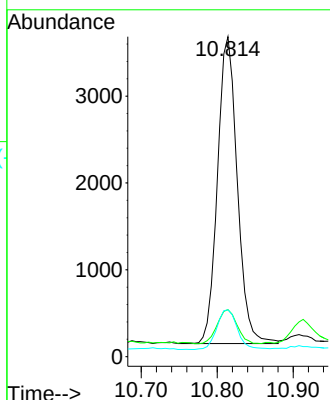
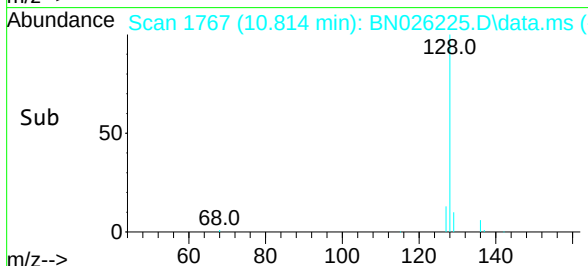
Instrument :
BNA_N
ClientSampleId :
DCGJ5



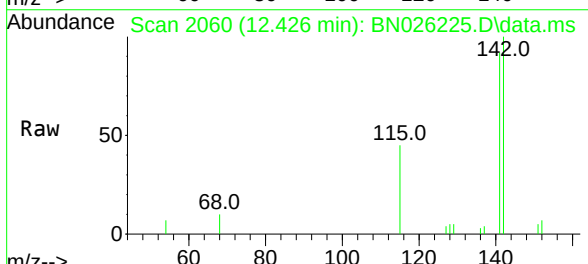
Tgt Ion:128 Resp: 6395
Ion Ratio Lower Upper
128 100
129 14.7 9.1 13.7
127 14.7 10.7 16.1

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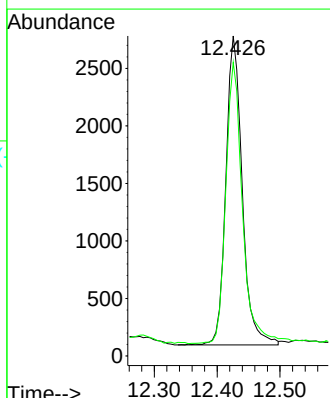
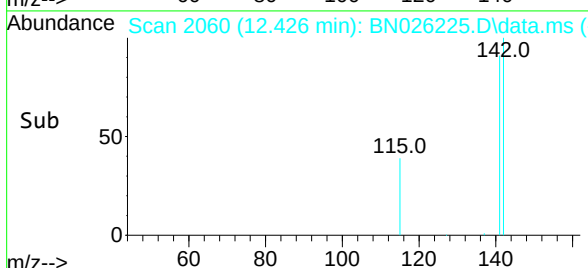
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

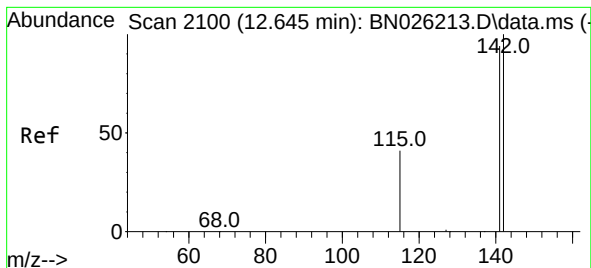


#7
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.426 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22



Tgt Ion:142 Resp: 4867
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.646 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026225.D

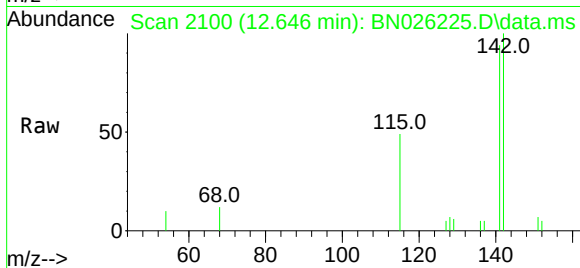
Acq: 03 Jul 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCGJ5



Tgt Ion:142 Resp: 325

Ion Ratio Lower Upper

142 100

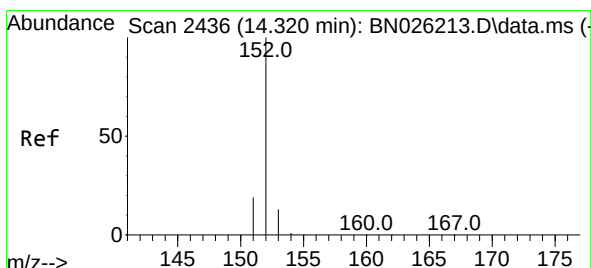
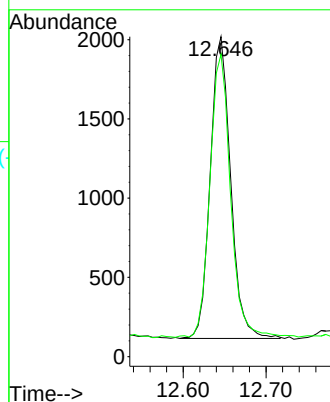
141 94.7 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.247 ng/ul

RT: 14.317 min Scan# 2435

Delta R.T. -0.009 min

Lab File: BN026225.D

Acq: 03 Jul 2023 14:22

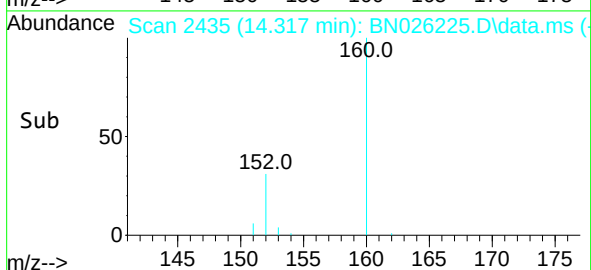
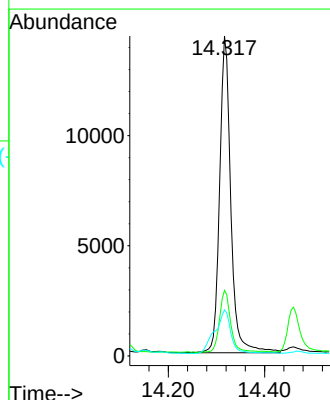
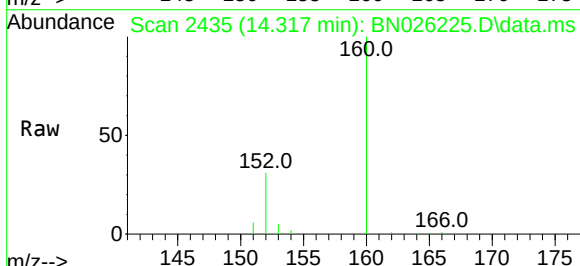
Tgt Ion:152 Resp: 23219

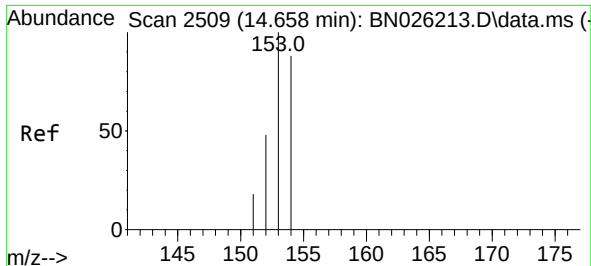
Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

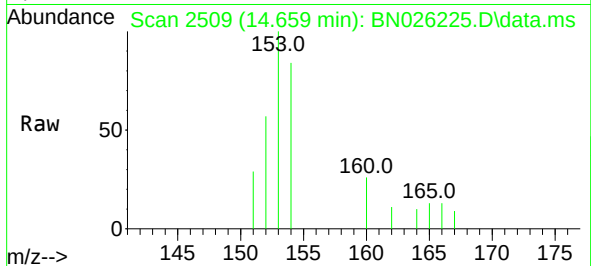
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.659 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

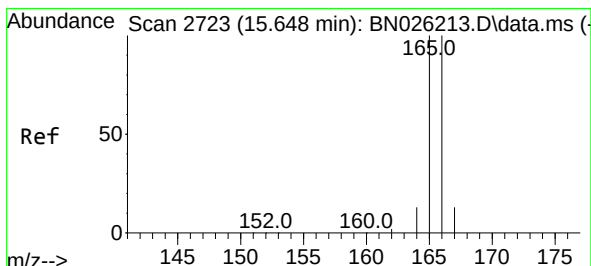
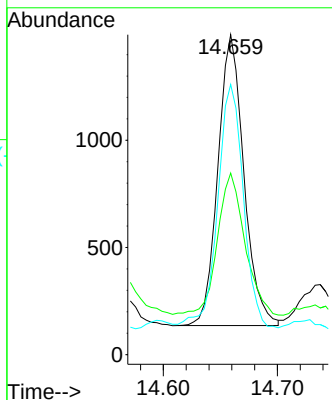
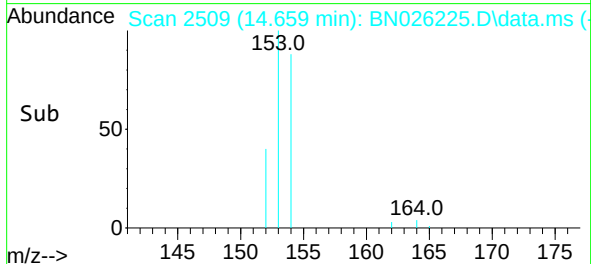
Instrument :
BNA_N
ClientSampleId :
DCGJ5



Tgt Ion:153 Resp: 2149
Ion Ratio Lower Upper
153 100
152 56.7 39.4 59.0
154 84.5 68.9 103.3

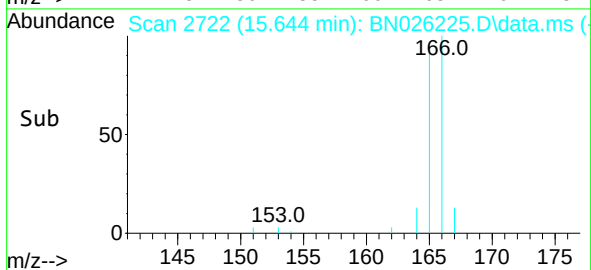
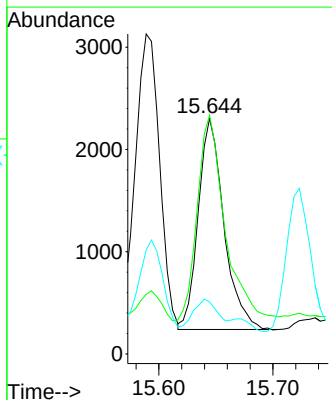
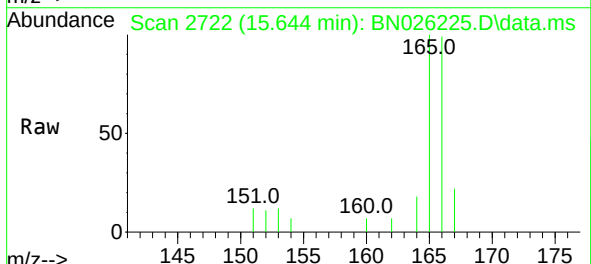
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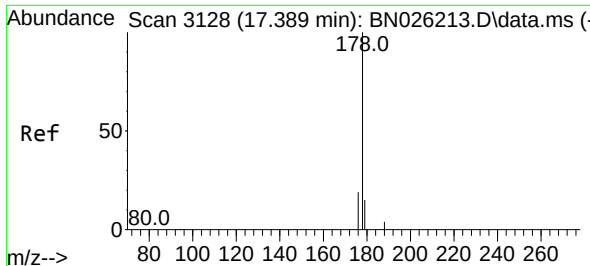
Reviewed By :Yogesh Patel 07/04/2023
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#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

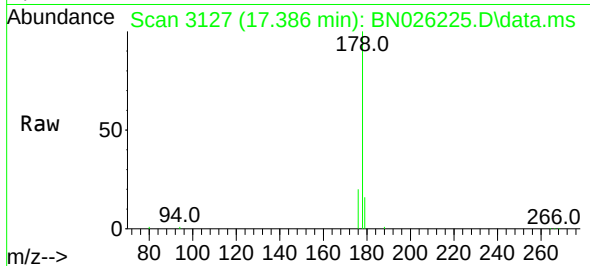
Tgt Ion:166 Resp: 3223
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 22.0 10.8 16.2#





#15
Phenanthrene
Concen: 0.655 ng/ul
RT: 17.386 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

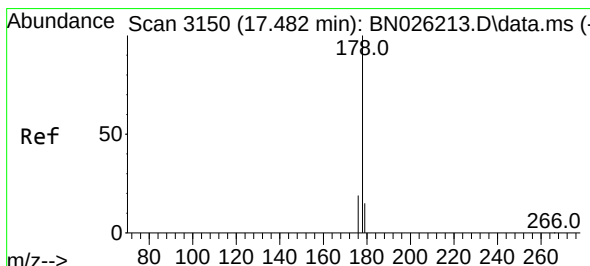
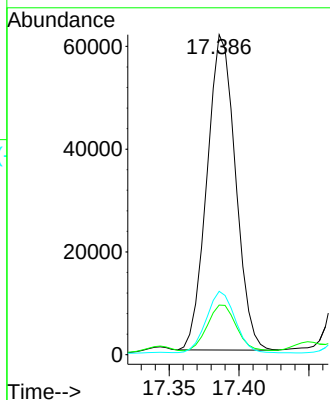
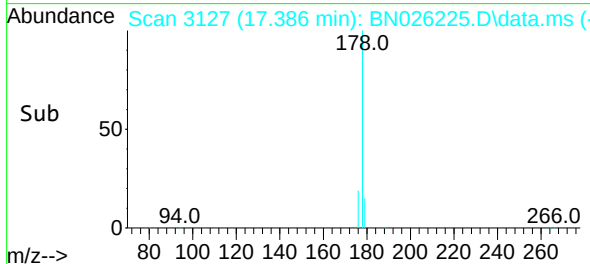
Instrument :
BNA_N
ClientSampleId :
DCGJ5



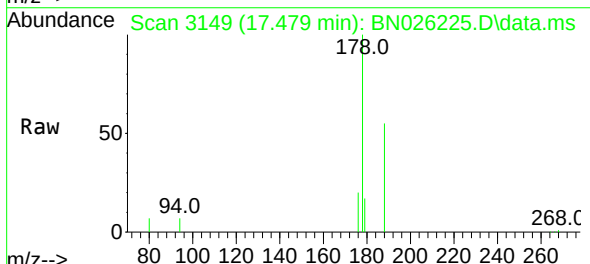
Tgt Ion:178 Resp: 87225
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.8 15.8 23.6

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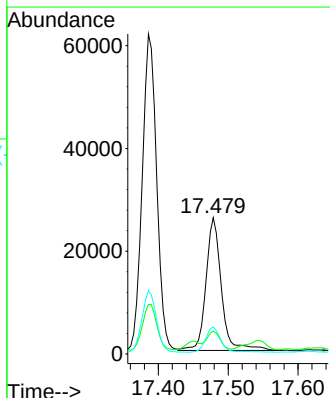
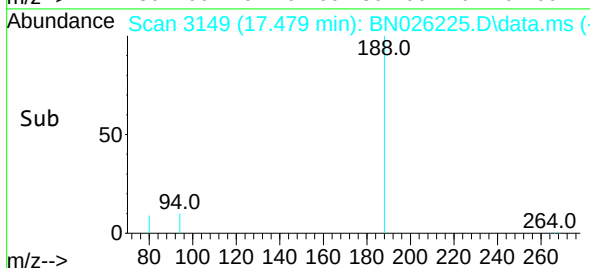
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

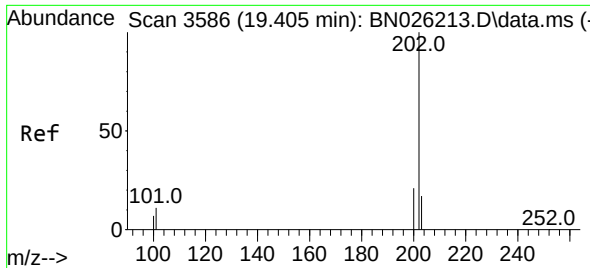


#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.479 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22



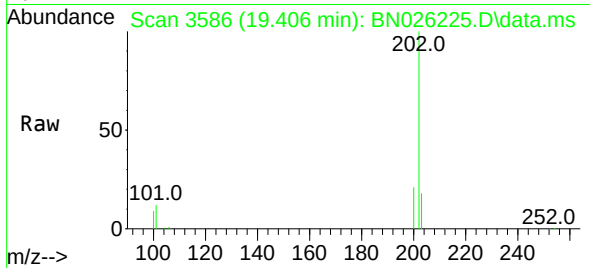
Tgt Ion:178 Resp: 39735
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.9 15.1 22.7





#19
Fluoranthene
Concen: 1.961 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.004 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

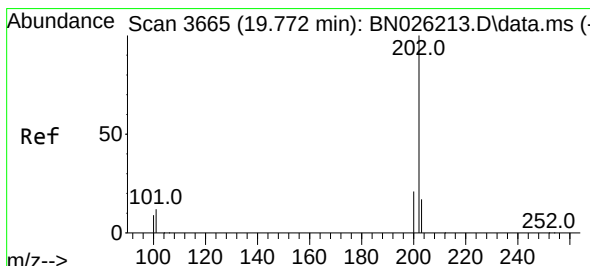
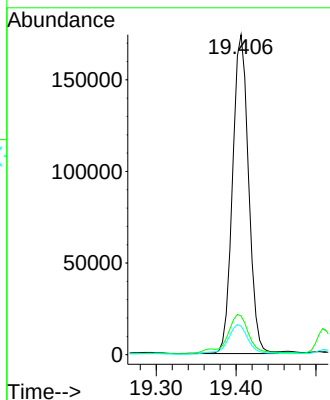
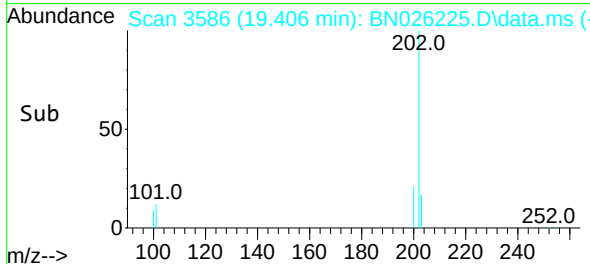
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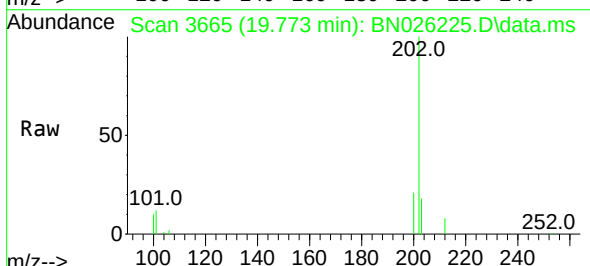
Tgt Ion:202 Resp: 242061
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.0 7.3 10.9

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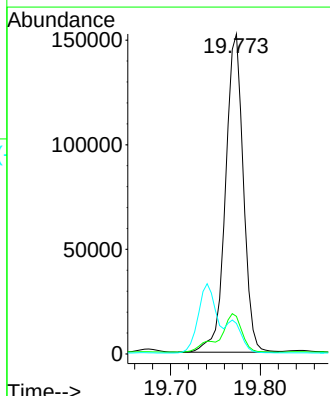
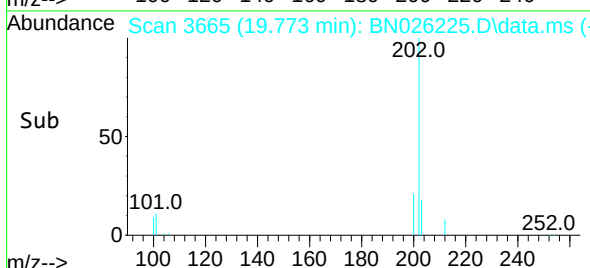
Reviewed By :Yogesh Patel 07/04/2023
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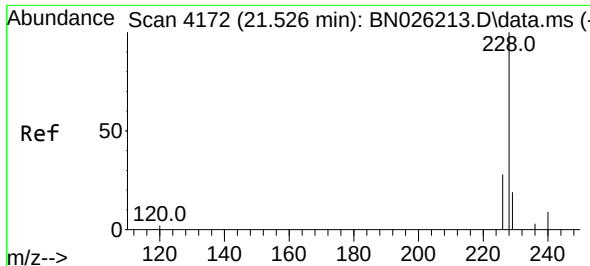


#20
Pyrene
Concen: 1.629 ng/u1
RT: 19.773 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22



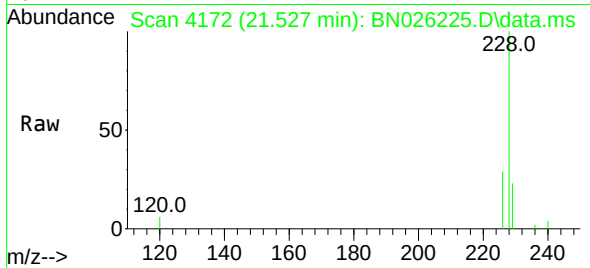
Tgt Ion:202 Resp: 209147
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 9.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.109 ng/u1
RT: 21.527 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

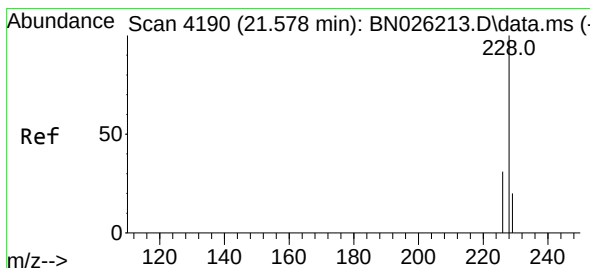
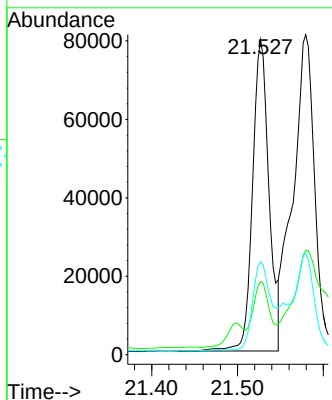
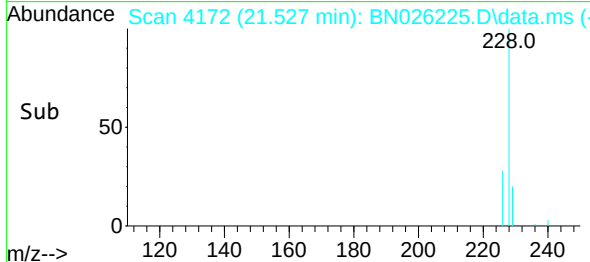
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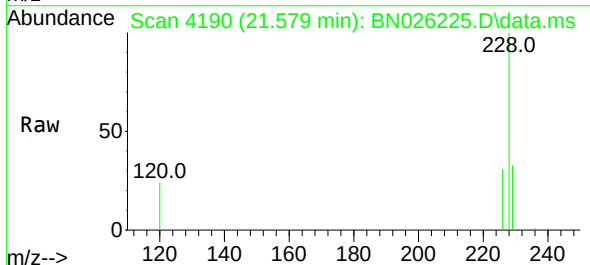
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Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 29.5 22.5 33.7

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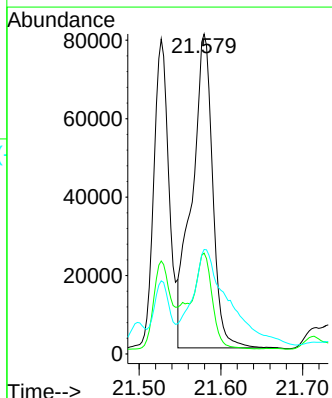
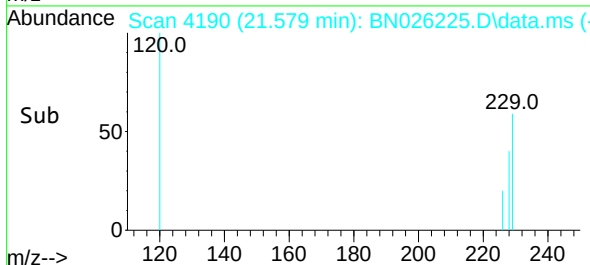
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

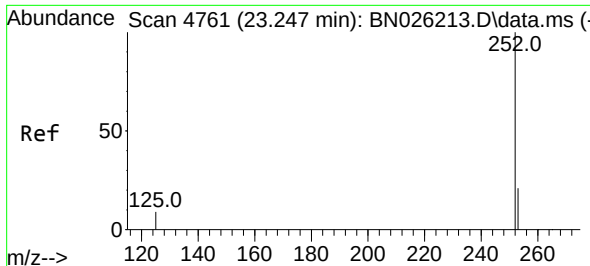


#22
Chrysene
Concen: 1.420 ng/u1
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22



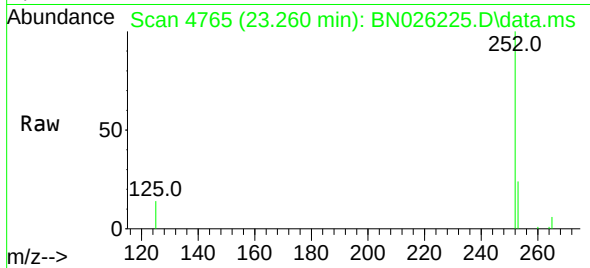
Tgt Ion:228 Resp: 140811
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 32.7 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 2.561 ng/ul m
RT: 23.260 min Scan# 4765
Delta R.T. 0.018 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

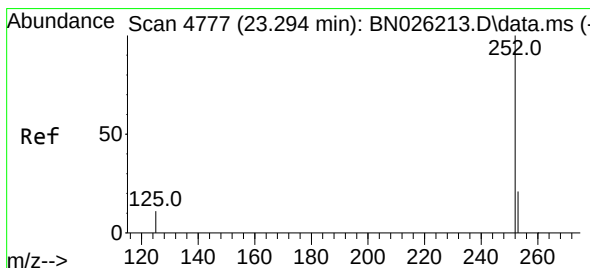
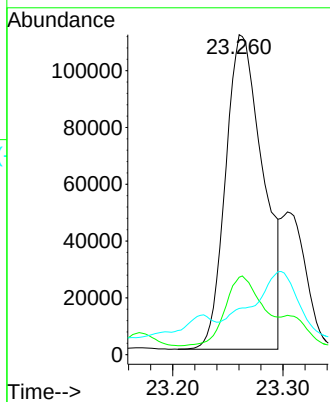
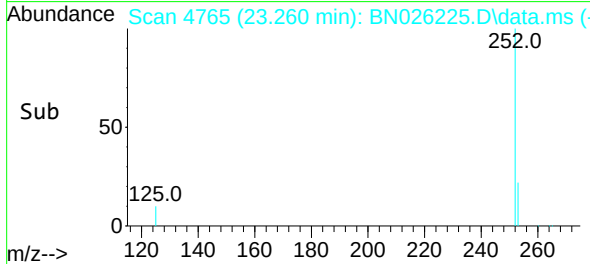
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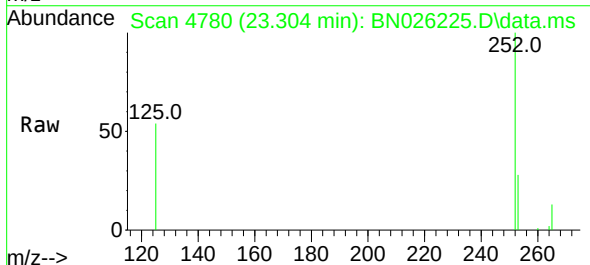
Tgt Ion:252 Resp: 26032
Ion Ratio Lower Upper
252 100
253 24.2 0.0 55.6
125 14.4 0.0 35.8

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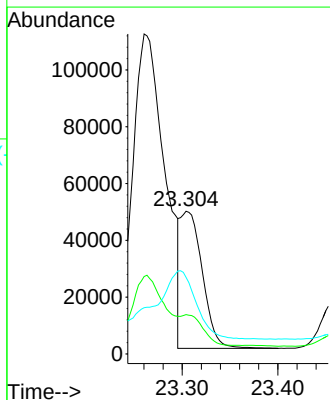
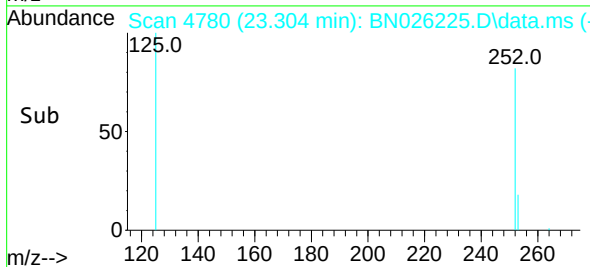
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

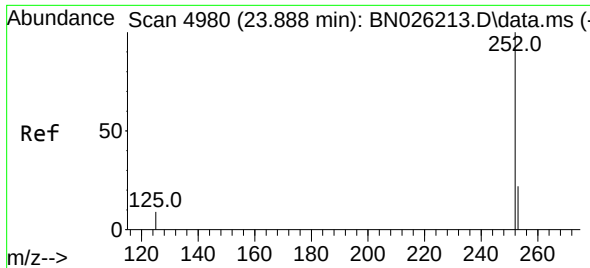


#25
Benzo(k)fluoranthene
Concen: 0.757 ng/ul m
RT: 23.304 min Scan# 4780
Delta R.T. 0.012 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22



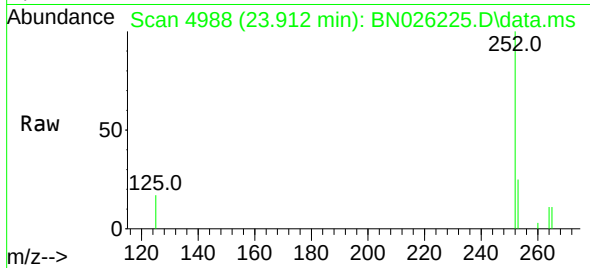
Tgt Ion:252 Resp: 77275
Ion Ratio Lower Upper
252 100
253 27.6 23.2 34.8
125 53.7 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 1.503 ng/ul
RT: 23.912 min Scan# 4988
Delta R.T. 0.027 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

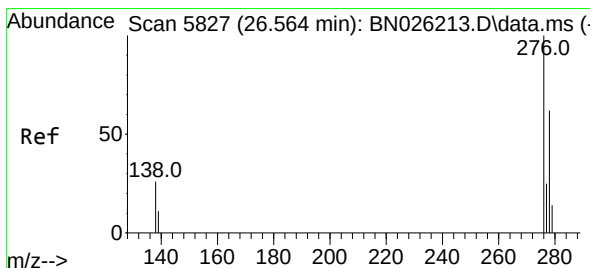
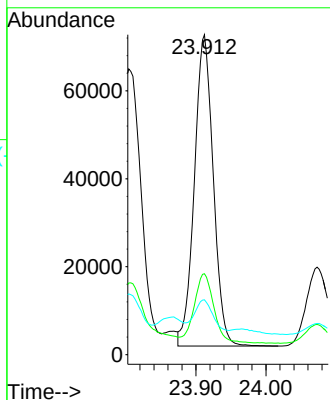
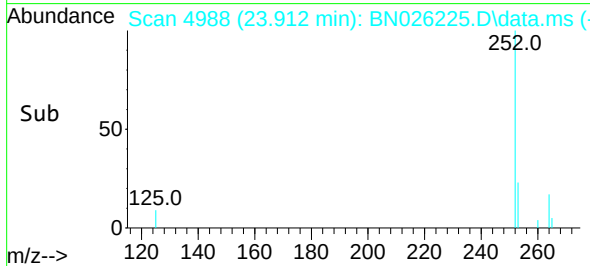
Instrument :
BNA_N
ClientSampleId :
DCGJ5



Tgt Ion:252 Resp: 132689
Ion Ratio Lower Upper
252 100
253 25.3 26.0 39.0
125 17.2 17.3 25.9

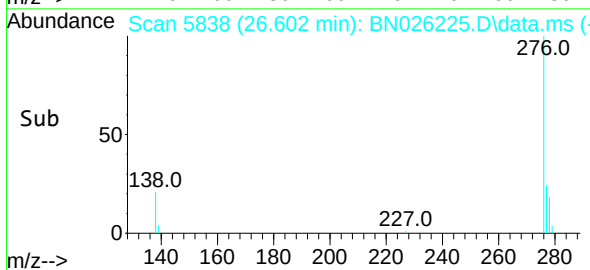
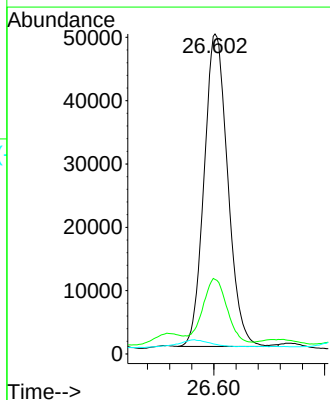
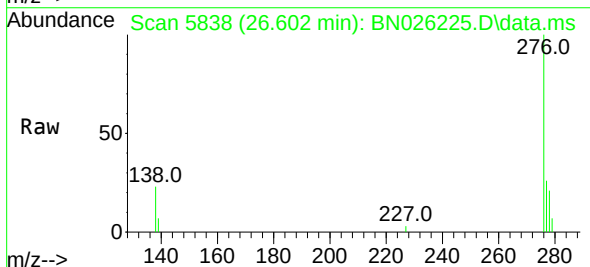
Manual Integrations
APPROVED

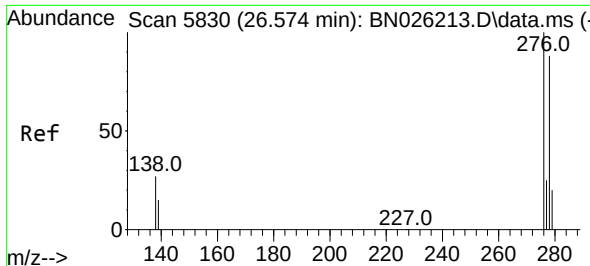
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.517 ng/ul
RT: 26.602 min Scan# 5838
Delta R.T. 0.044 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

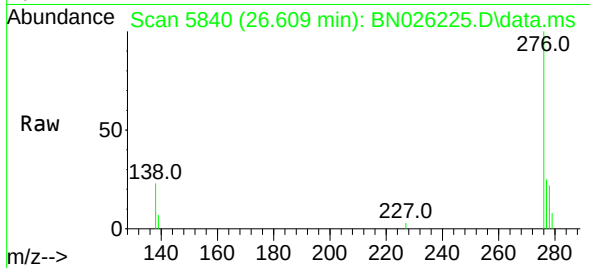
Tgt Ion:276 Resp: 146277
Ion Ratio Lower Upper
276 100
138 22.1 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.484 ng/ul
RT: 26.609 min Scan# 5840
Delta R.T. 0.030 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22

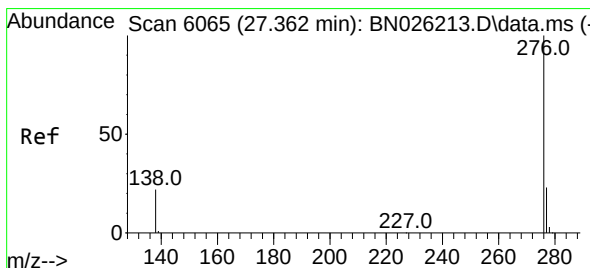
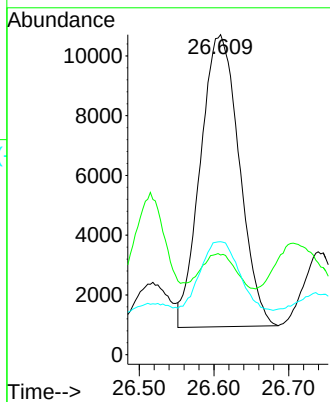
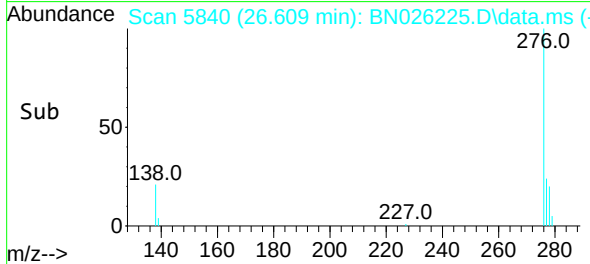
Instrument :
BNA_N
ClientSampleId :
DCGJ5



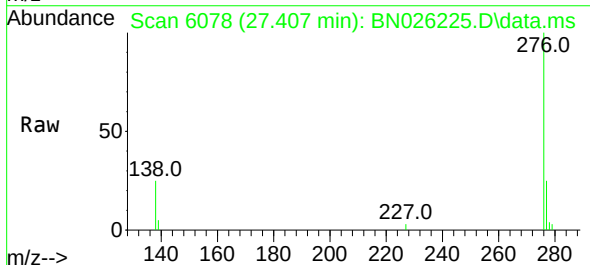
Tgt Ion:278 Resp: 35298
Ion Ratio Lower Upper
278 100
139 31.2 19.0 28.4
279 35.3 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.582 ng/ul
RT: 27.407 min Scan# 6078
Delta R.T. 0.061 min
Lab File: BN026225.D
Acq: 03 Jul 2023 14:22



Tgt Ion:276 Resp: 135696
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 25.2 20.0 30.0

