

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026186.D
 Acq On : 02 Jul 2023 13:18
 Operator : MA/JU
 Sample : 03247-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 05:39:52 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	7.955	152	10343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	32589	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.594	164	18394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	33774	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	19710	0.400	ng/ul	-0.01
23) Perylene-d12	23.985	264	22200	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	24964	2.143	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7631	0.152	ng/ul	-0.01
18) Fluoranthene-d10	19.369	212	13200	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	11930	0.128	ng/ul	97
7) 2-Methylnaphthalene	12.425	142	4322	0.073	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	2538	0.041	ng/ul	98
10) Acenaphthylene	14.316	152	8944	0.104	ng/ul	96
11) Acenaphthene	14.659	153	1994	0.028	ng/ul	97
12) Fluorene	15.644	166	2282	0.028	ng/ul#	96
15) Phenanthrene	17.386	178	50393	0.452	ng/ul	100
16) Anthracene	17.474	178	9187	0.093	ng/ul#	93
19) Fluoranthene	19.401	202	129148	1.227	ng/ul	100
20) Pyrene	19.764	202	104662m	0.956	ng/ul	
21) Benzo(a)anthracene	21.515	228	59725	0.735	ng/ul	95
22) Chrysene	21.568	228	69483	0.821	ng/ul	97
24) Benzo(b)fluoranthene	23.234	252	116700m	1.232	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	38362m	0.403	ng/ul	
26) Benzo(a)pyrene	23.874	252	70188	0.853	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.548	276	64746	0.720	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.555	278	14402	0.212	ng/ul#	81
29) Benzo(g,h,i)perylene	27.340	276	62037	0.776	ng/ul	98

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

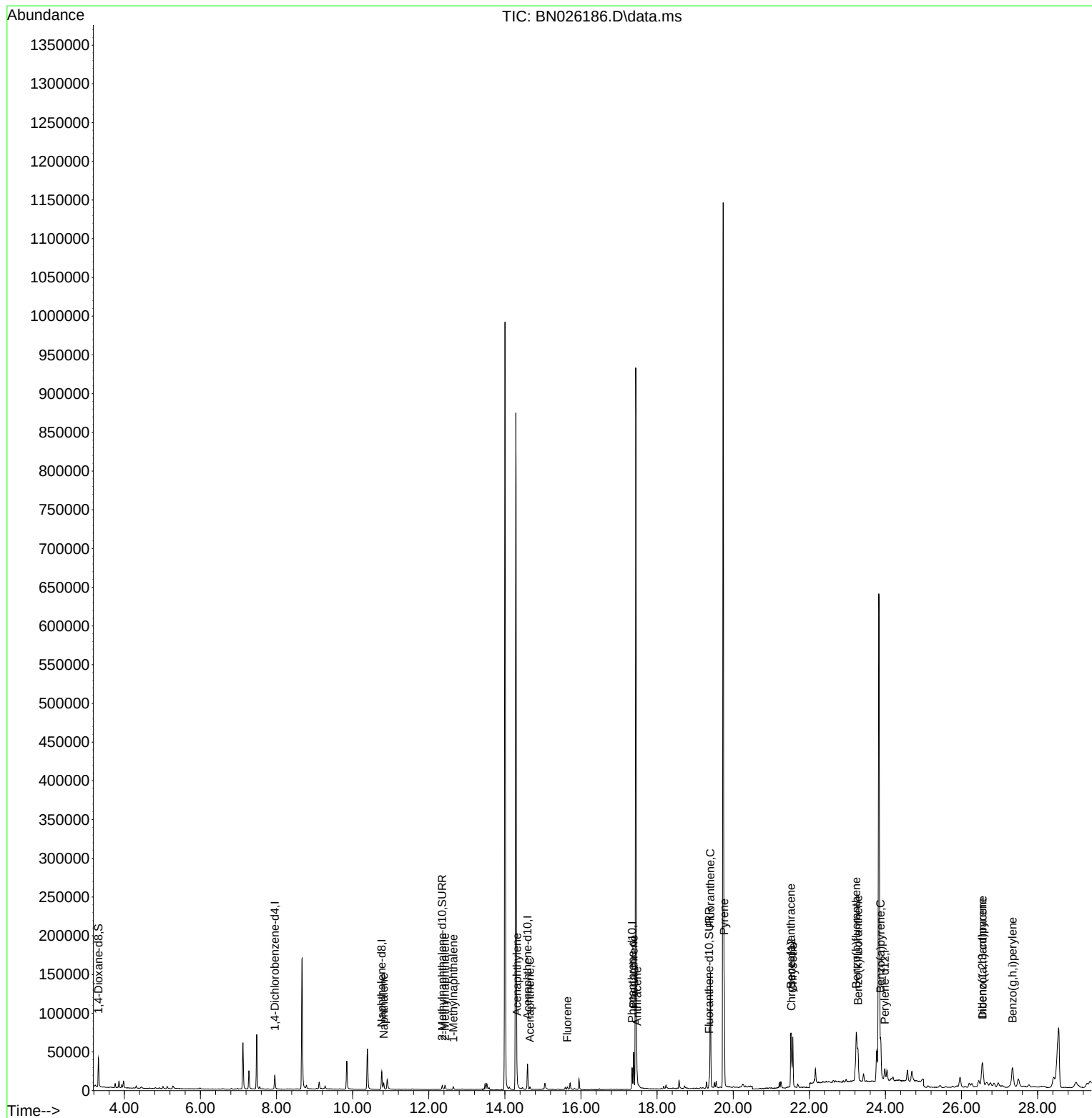
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026186.D
Acq On : 02 Jul 2023 13:18
Operator : MA/JU
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ALS Vial : 43 Sample Multiplier: 1

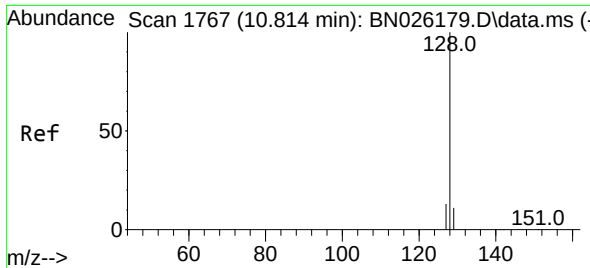
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Quant Time: Jul 03 05:39:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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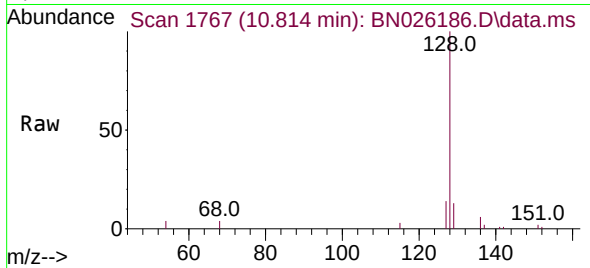
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

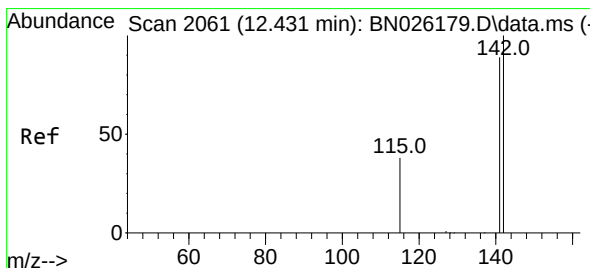
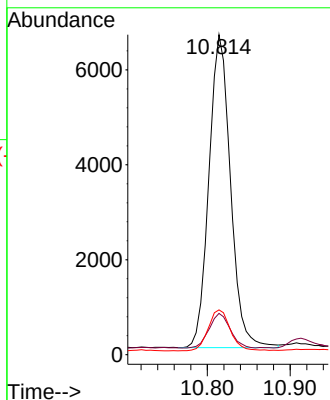
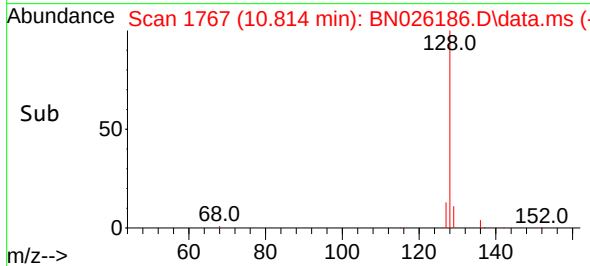
Instrument :
BNA_N
ClientSampleId :
DCGL4



Tgt Ion:128 Resp: 11930
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 14.0 10.7 16.1

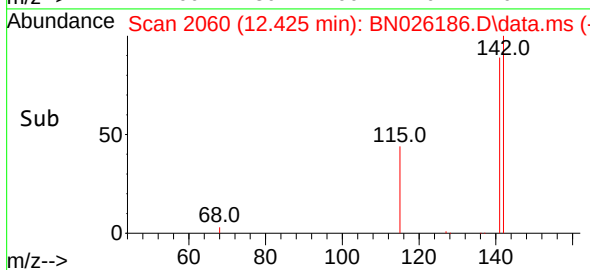
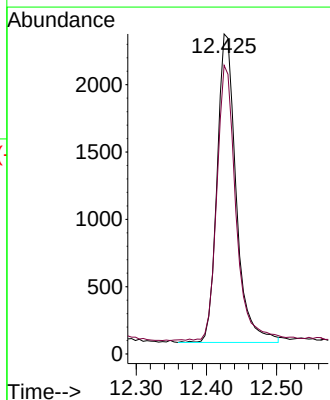
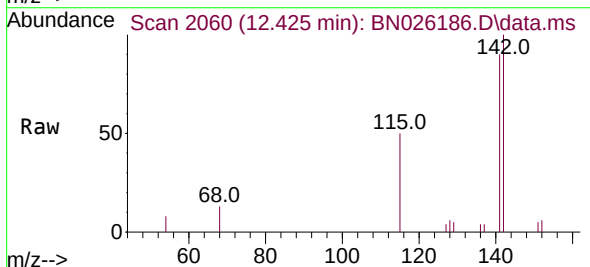
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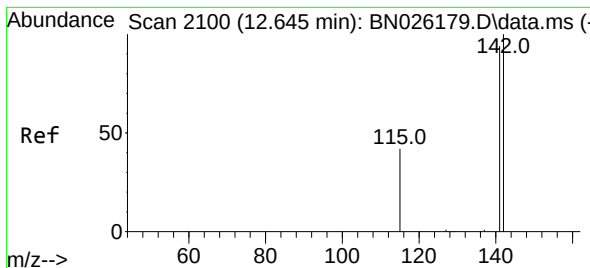
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

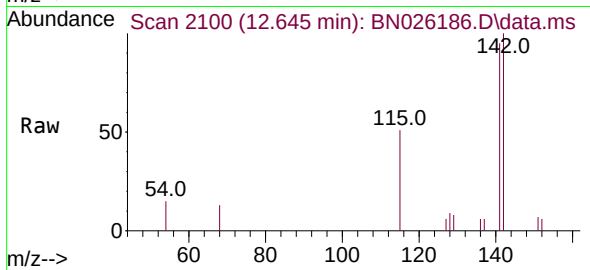
Tgt Ion:142 Resp: 4322
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

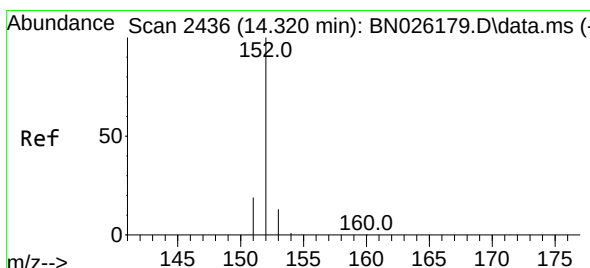
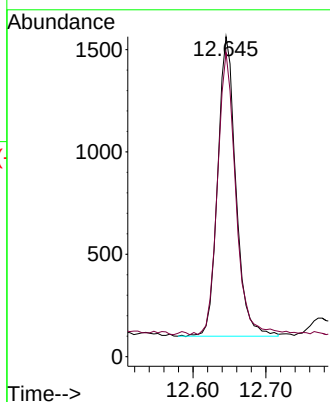
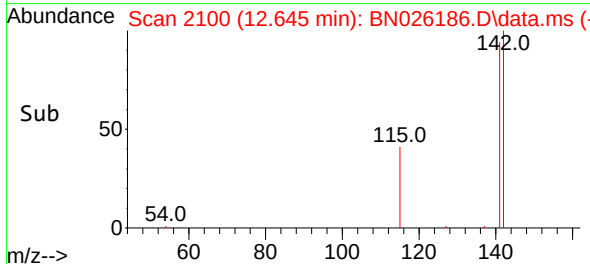
Instrument :
BNA_N
ClientSampleId :
DCGL4



Tgt Ion:142 Resp: 2538
Ion Ratio Lower Upper
142 100
141 94.4 74.2 111.4

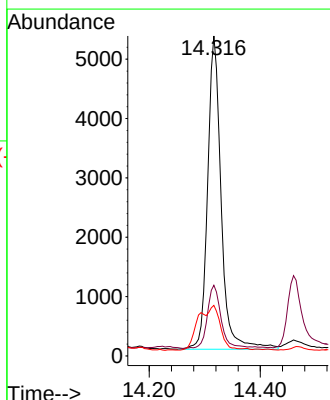
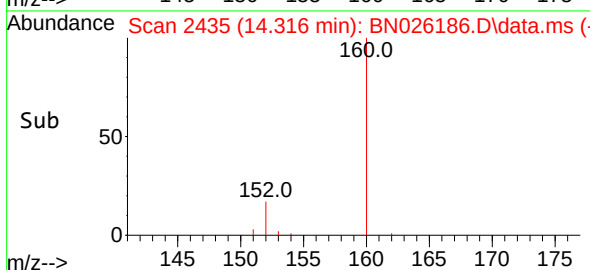
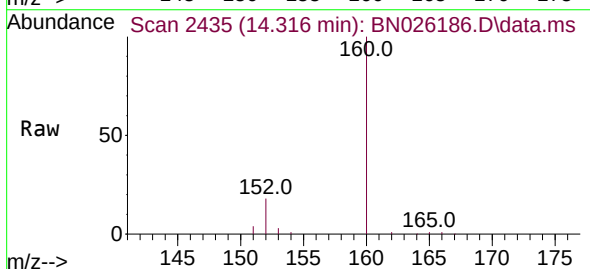
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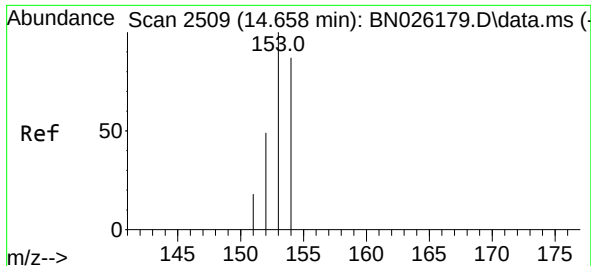
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

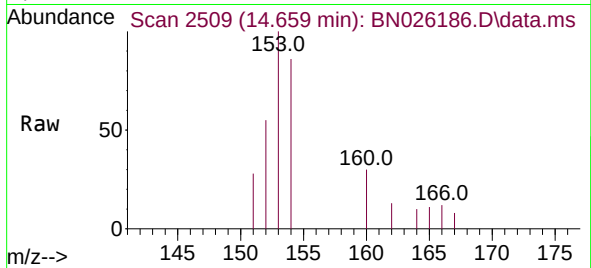
Tgt Ion:152 Resp: 8944
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.4
153 15.8 10.9 16.3





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.659 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

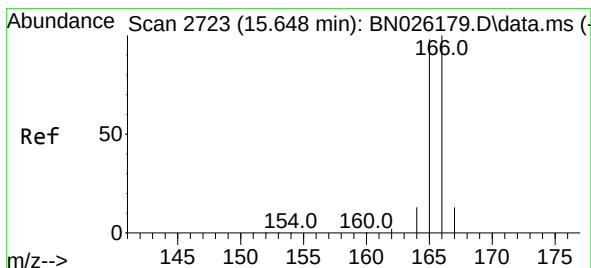
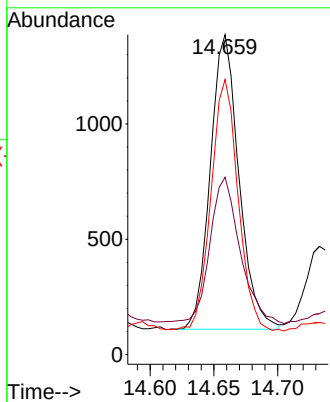
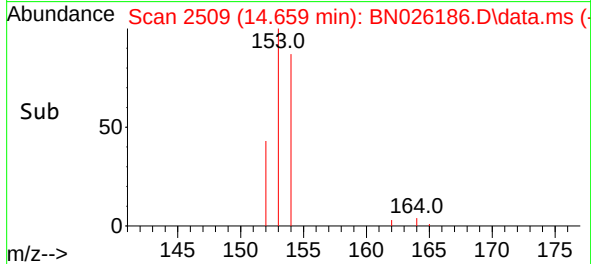
Instrument :
BNA_N
ClientSampleId :
DCGL4



Tgt Ion:153 Resp: 1994
Ion Ratio Lower Upper
153 100
152 55.4 39.4 59.0
154 86.0 68.9 103.3

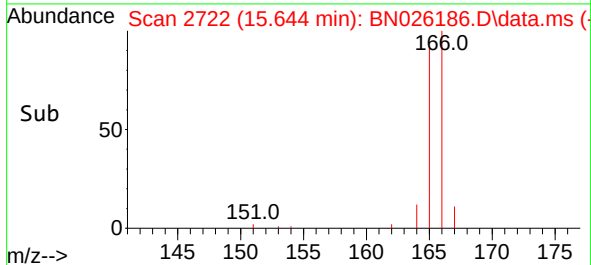
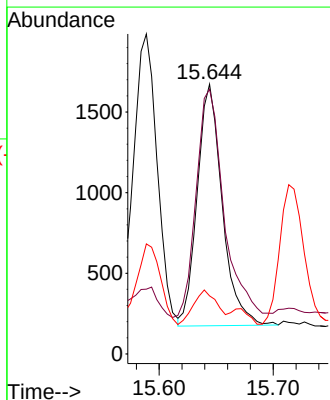
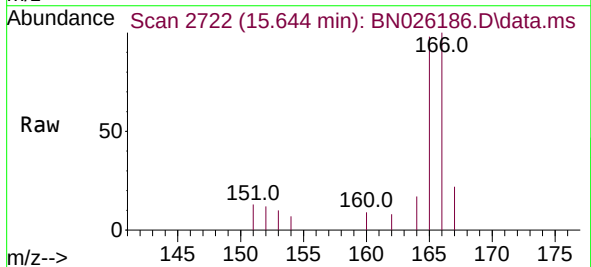
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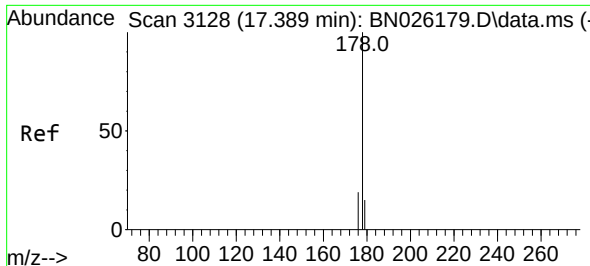
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

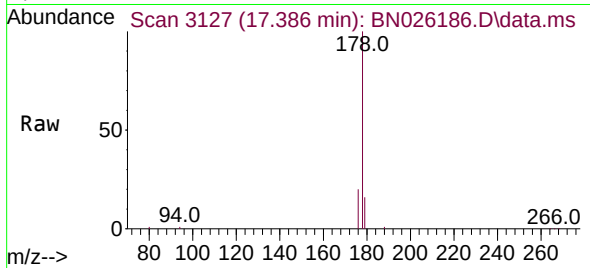
Tgt Ion:166 Resp: 2282
Ion Ratio Lower Upper
166 100
165 98.2 79.9 119.9
167 21.5 10.8 16.2#





#15
Phenanthrene
Concen: 0.452 ng/ul
RT: 17.386 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

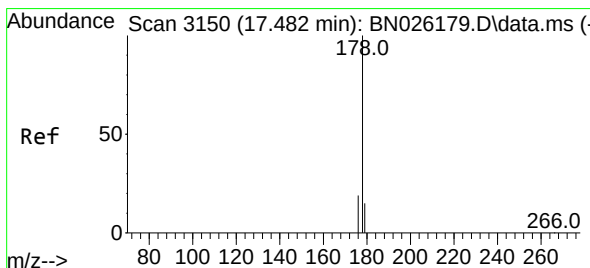
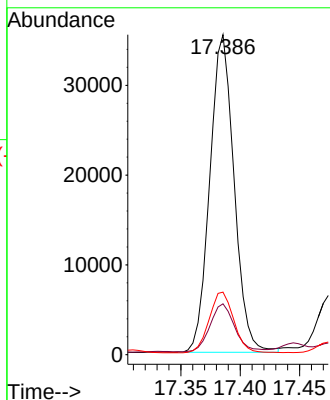
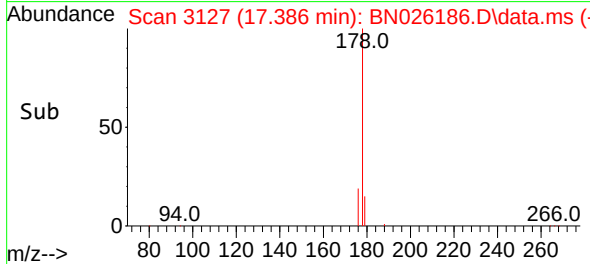
Instrument :
BNA_N
ClientSampleId :
DCGL4



Tgt Ion:178 Resp: 5039
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.5 15.8 23.6

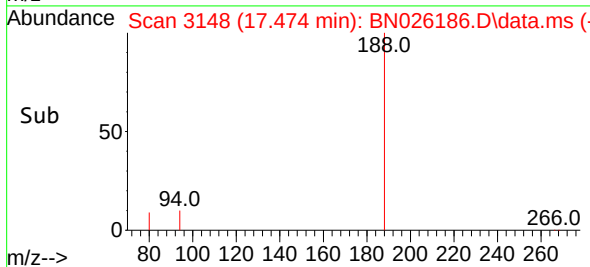
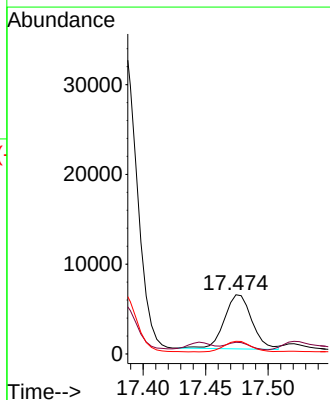
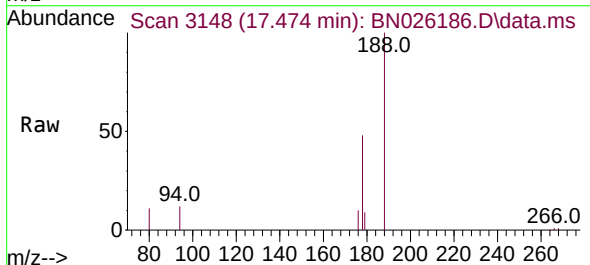
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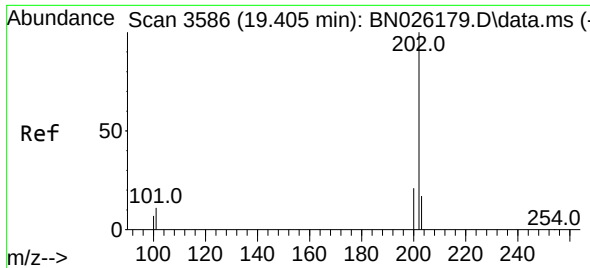
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.093 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.013 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

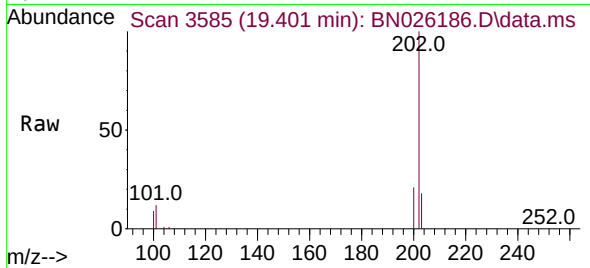
Tgt Ion:178 Resp: 9187
Ion Ratio Lower Upper
178 100
179 19.7 12.6 18.8#
176 21.3 15.1 22.7





#19
Fluoranthene
Concen: 1.227 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.009 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

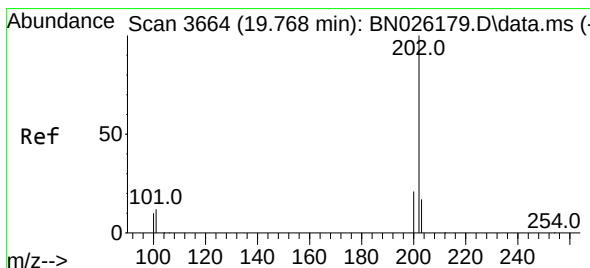
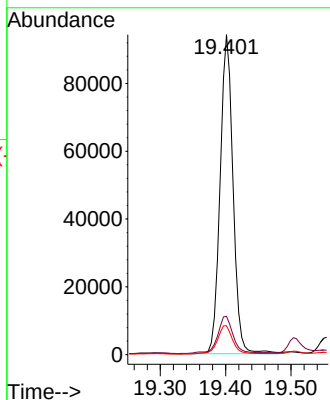
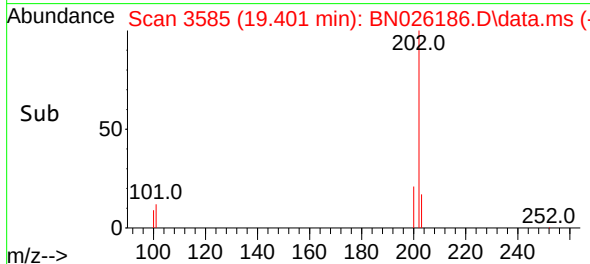
Instrument :
BNA_N
ClientSampleId :
DCGL4



Tgt Ion:202 Resp: 129148
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 9.1 7.3 10.9

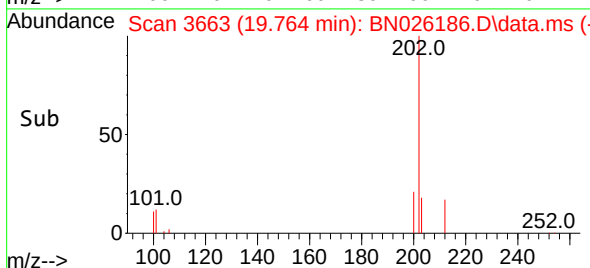
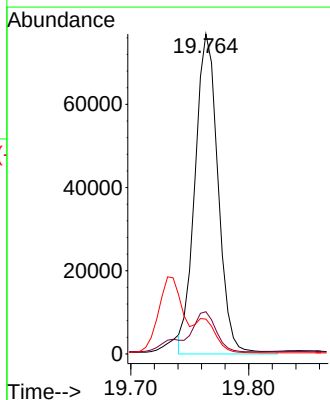
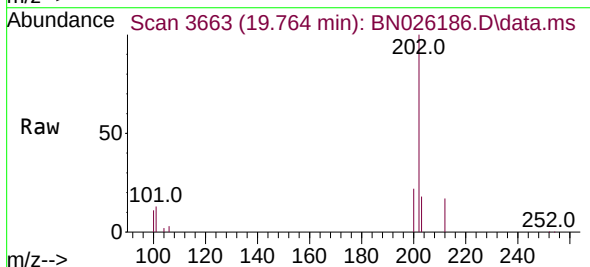
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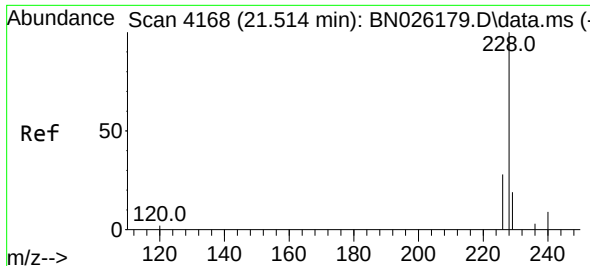
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 0.956 ng/ul m
RT: 19.764 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

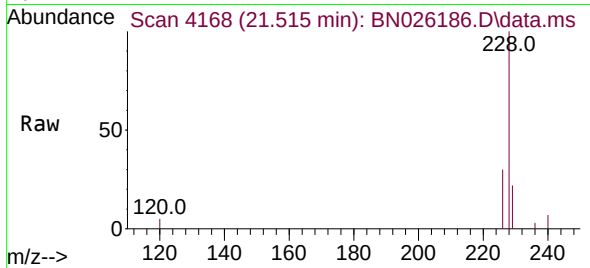
Tgt Ion:202 Resp: 104662
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.735 ng/u1
RT: 21.515 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

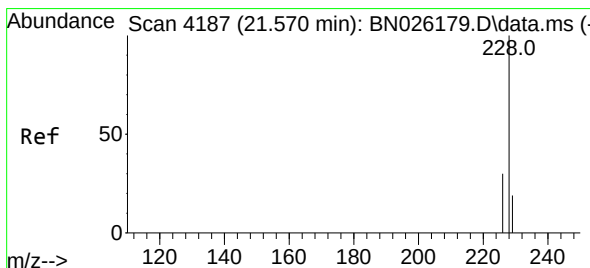
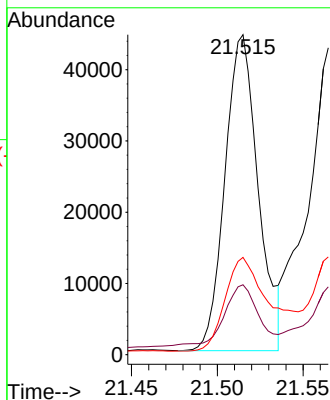
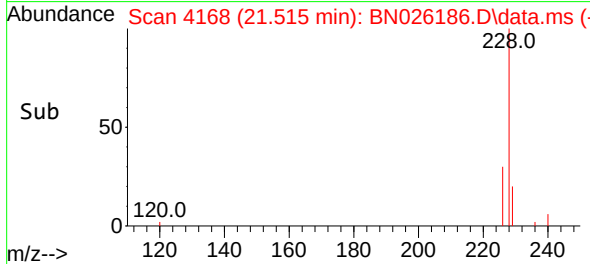
Instrument :
BNA_N
ClientSampleId :
DCGL4



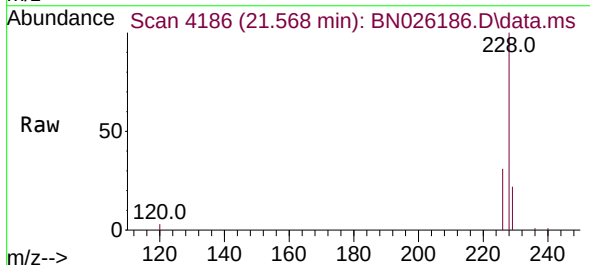
Tgt Ion:228 Resp: 59725
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 30.4 22.5 33.7

Manual Integrations
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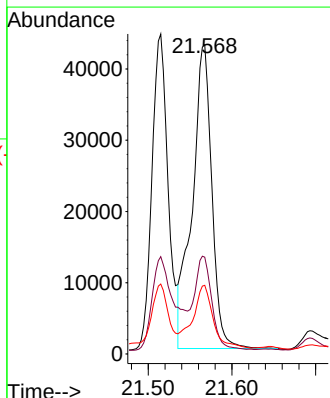
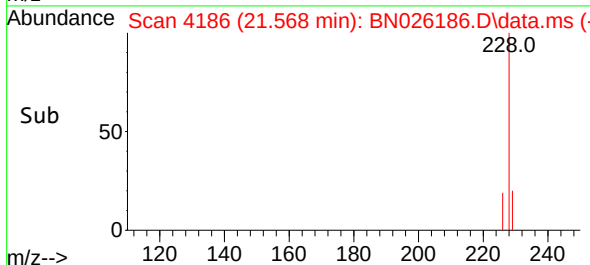
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

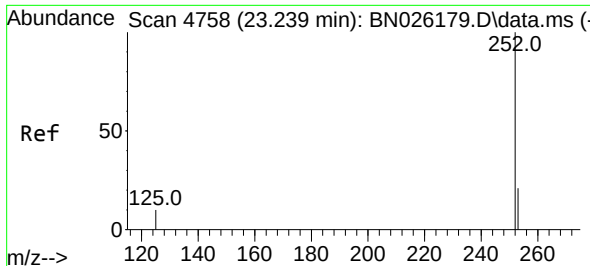


#22
Chrysene
Concen: 0.821 ng/u1
RT: 21.568 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18



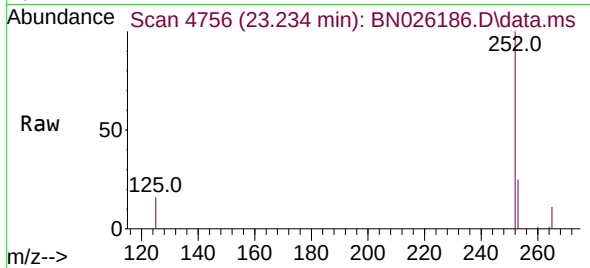
Tgt Ion:228 Resp: 69483
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.232 ng/ul m
RT: 23.234 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

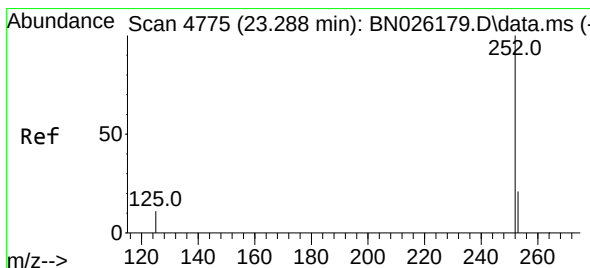
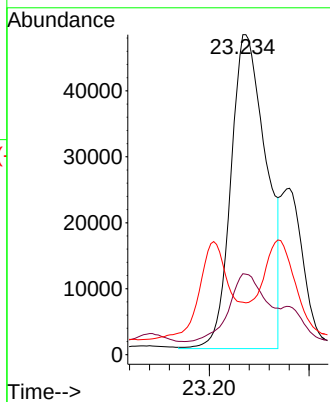
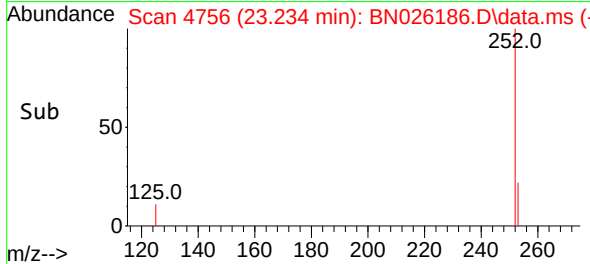
Instrument :
BNA_N
ClientSampleId :
DCGL4



Tgt Ion:252 Resp: 116700
Ion Ratio Lower Upper
252 100
253 25.3 0.0 55.6
125 16.4 0.0 35.8

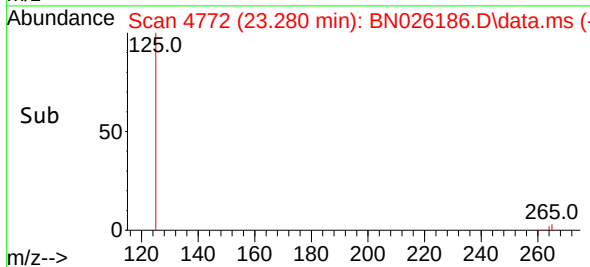
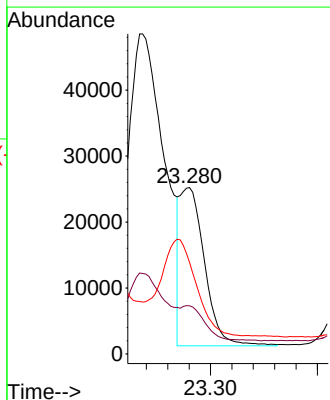
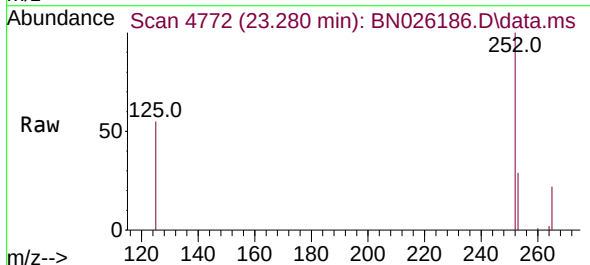
Manual Integrations
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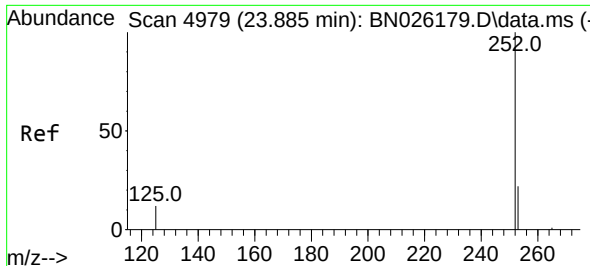
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul m
RT: 23.280 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

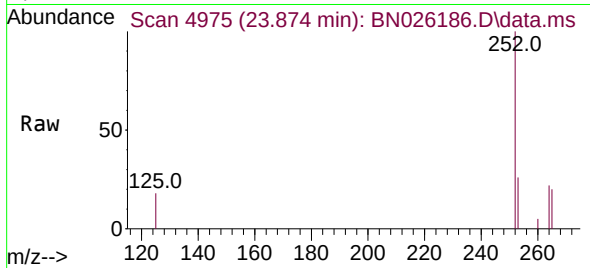
Tgt Ion:252 Resp: 38362
Ion Ratio Lower Upper
252 100
253 28.9 23.2 34.8
125 54.9 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.853 ng/ul
RT: 23.874 min Scan# 4975
Delta R.T. -0.012 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18

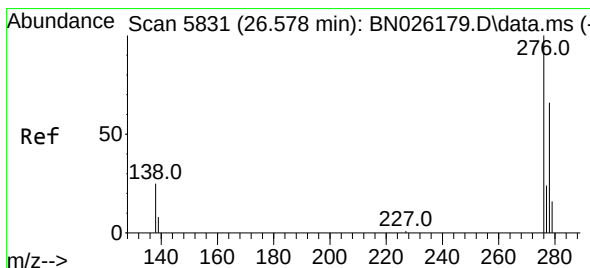
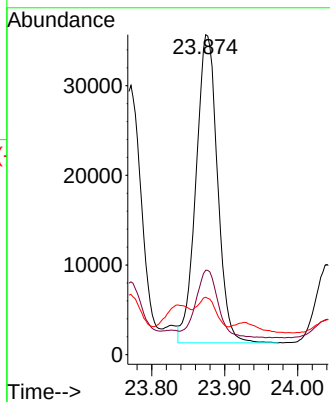
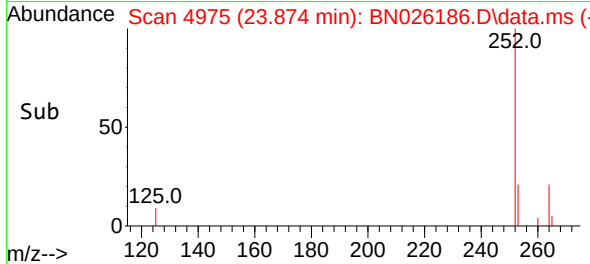
Instrument :
BNA_N
ClientSampleId :
DCGL4



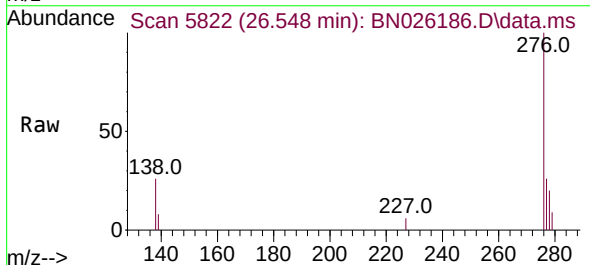
Tgt Ion:252 Resp: 70188
Ion Ratio Lower Upper
252 100
253 26.4 26.0 39.0
125 17.9 17.3 25.9

Manual Integrations
APPROVED

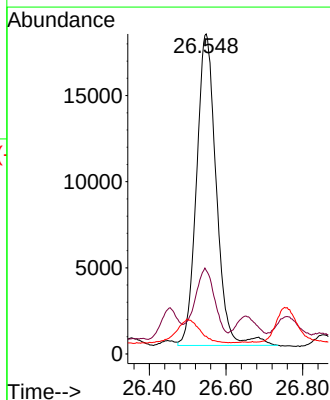
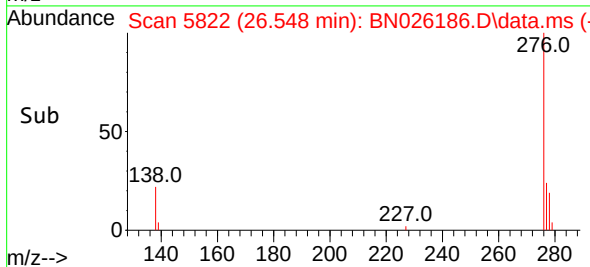
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

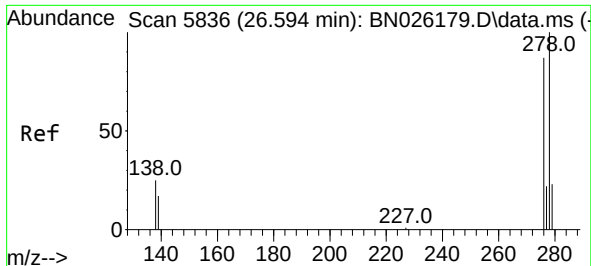


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.720 ng/ul
RT: 26.548 min Scan# 5822
Delta R.T. -0.010 min
Lab File: BN026186.D
Acq: 02 Jul 2023 13:18



Tgt Ion:276 Resp: 64746
Ion Ratio Lower Upper
276 100
138 21.1 24.5 36.7#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.212 ng/ul

RT: 26.555 min Scan# 5824

Delta R.T. -0.023 min

Lab File: BN026186.D

Acq: 02 Jul 2023 13:18

Instrument :

BNA_N

ClientSampleId :

DCGL4

Tgt Ion:278 Resp: 1440

Ion Ratio Lower Upper

278 100

139 37.4 19.0 28.4

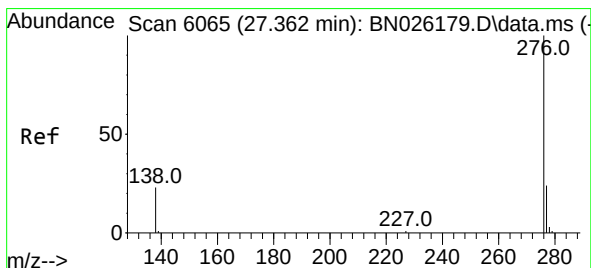
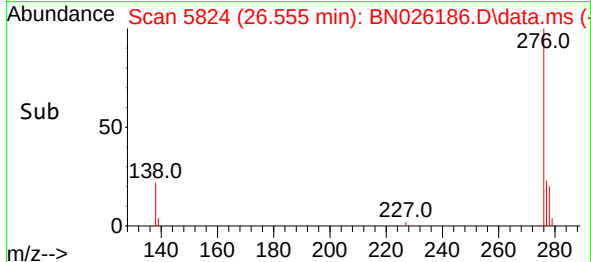
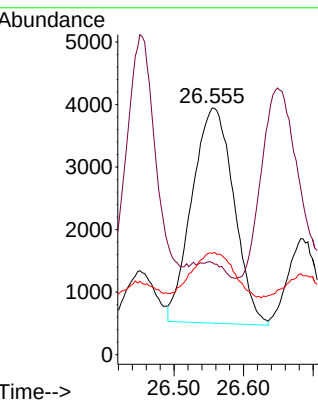
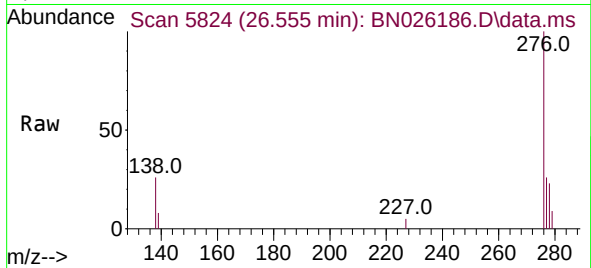
279 41.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :Sohil Jodhani 07/04/2023



#29

Benzo(g,h,i)perylene

Concen: 0.776 ng/ul

RT: 27.340 min Scan# 6058

Delta R.T. -0.007 min

Lab File: BN026186.D

Acq: 02 Jul 2023 13:18

Tgt Ion:276 Resp: 62037

Ion Ratio Lower Upper

276 100

138 28.2 23.4 35.0

277 25.6 20.0 30.0

