

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026188.D
 Acq On : 02 Jul 2023 14:32
 Operator : MA/JU
 Sample : 03247-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL6

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 05:40:14 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	9728	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	31445	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	18919	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	39226	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	21758	0.400	ng/ul	# 0.00
23) Perylene-d12	23.989	264	21741	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	20471	1.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	6707	0.139	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	13754	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.813	128	18809	0.209	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	21900	0.382	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	16541	0.278	ng/ul	100
10) Acenaphthylene	14.320	152	6517	0.074	ng/ul#	84
11) Acenaphthene	14.658	153	2753	0.038	ng/ul	95
12) Fluorene	15.643	166	2436	0.029	ng/ul#	84
15) Phenanthrene	17.384	178	86906	0.671	ng/ul	99
16) Anthracene	17.477	178	8852	0.077	ng/ul#	91
19) Fluoranthene	19.404	202	176348	1.517	ng/ul	99
20) Pyrene	19.767	202	144828m	1.198	ng/ul	
21) Benzo(a)anthracene	21.519	228	64714	0.721	ng/ul#	94
22) Chrysene	21.572	228	82290	0.881	ng/ul#	90
24) Benzo(b)fluoranthene	23.244	252	113018m	1.218	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	40851m	0.438	ng/ul	
26) Benzo(a)pyrene	23.878	252	68924	0.855	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.553	276	59594	0.677	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.560	278	14100	0.212	ng/ul#	76
29) Benzo(g,h,i)perylene	27.348	276	67195	0.858	ng/ul	96

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

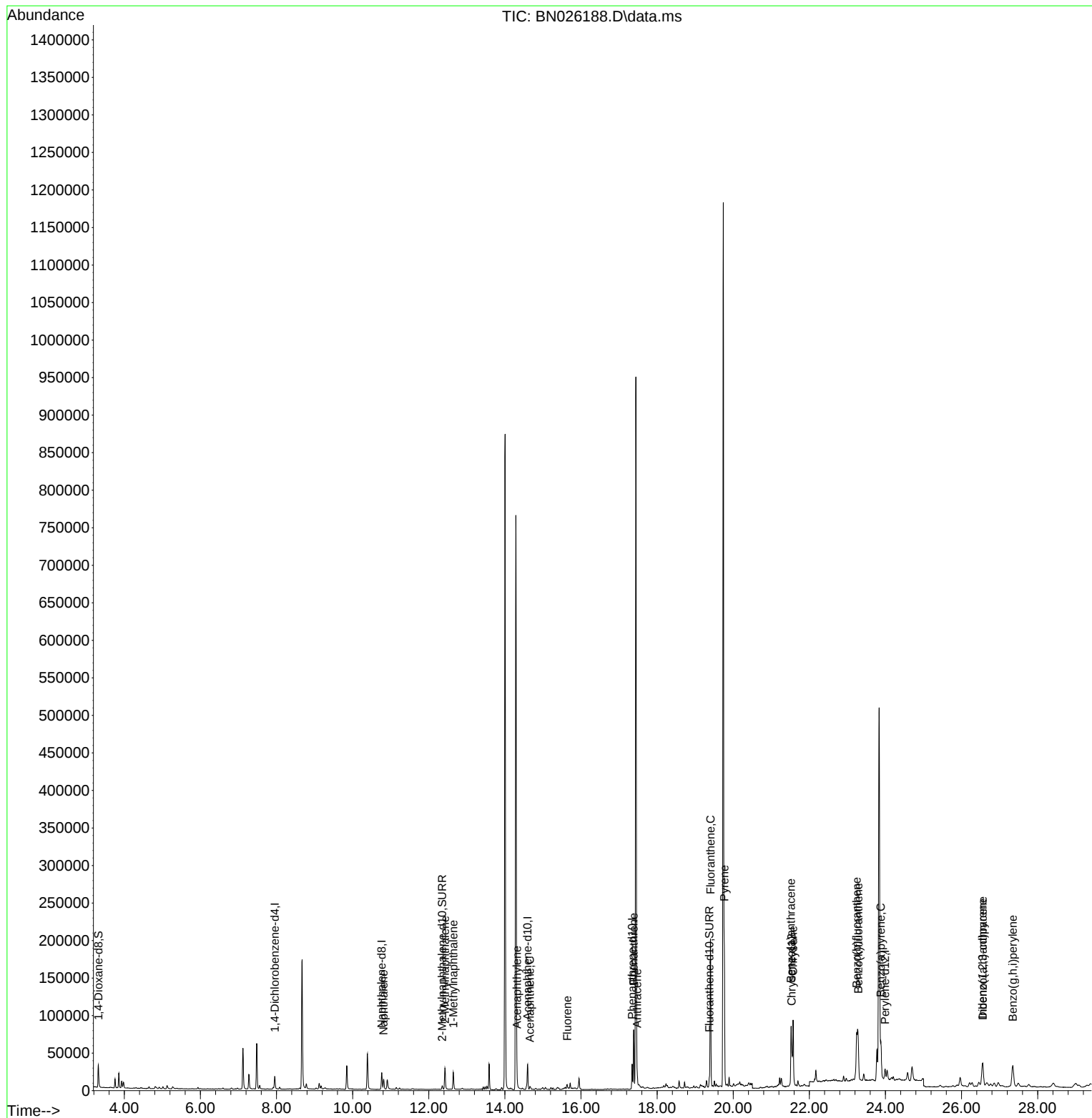
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026188.D
Acq On : 02 Jul 2023 14:32
Operator : MA/JU
Sample : 03247-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

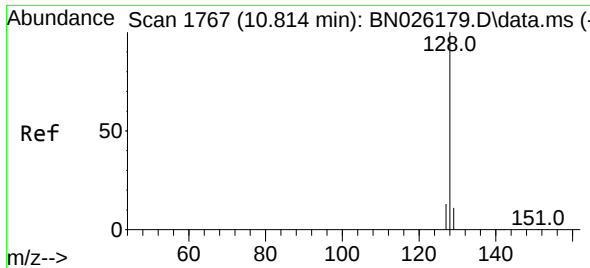
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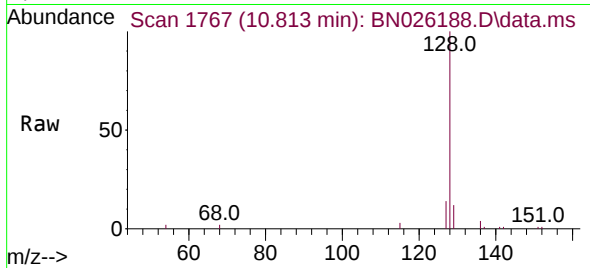
Quant Time: Jul 03 05:40:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

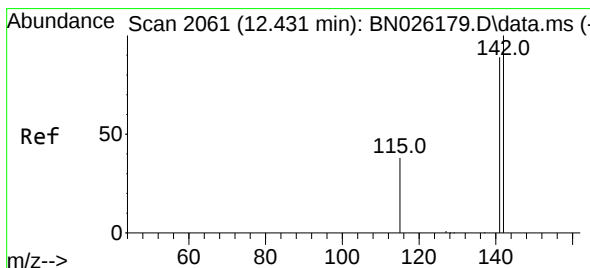
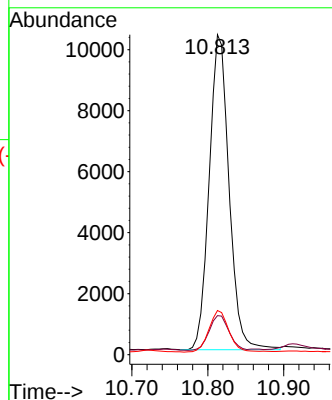
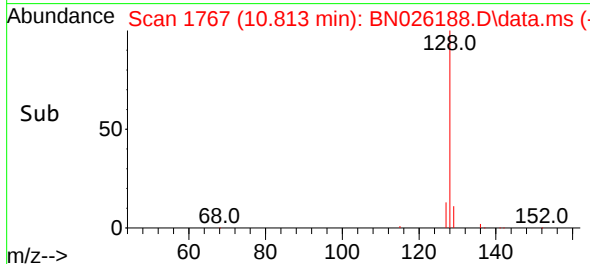
Instrument :
BNA_N
ClientSampleId :
DCGL6



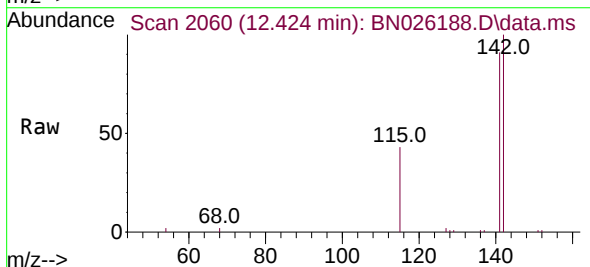
Tgt Ion:128 Resp: 18809
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.8 10.7 16.1

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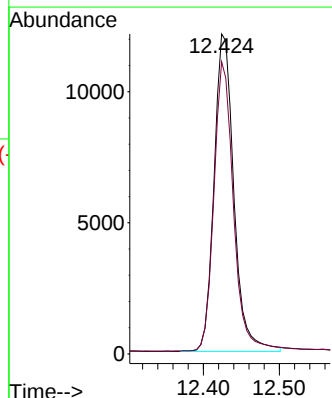
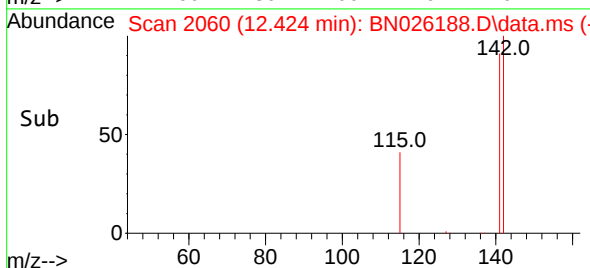
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

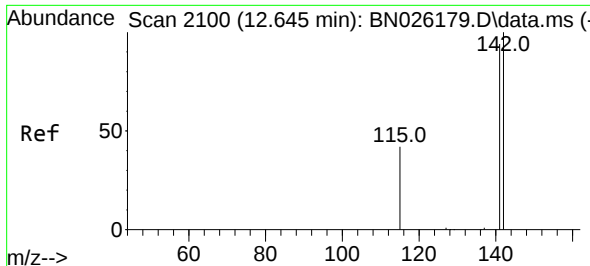


#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32



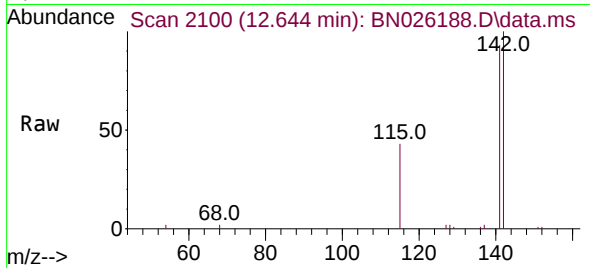
Tgt Ion:142 Resp: 21900
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

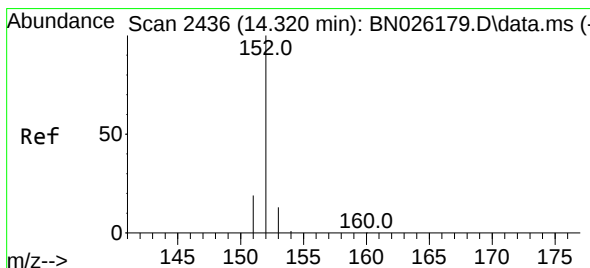
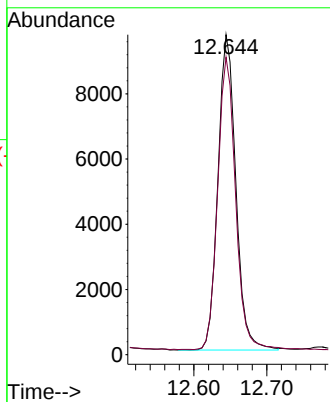
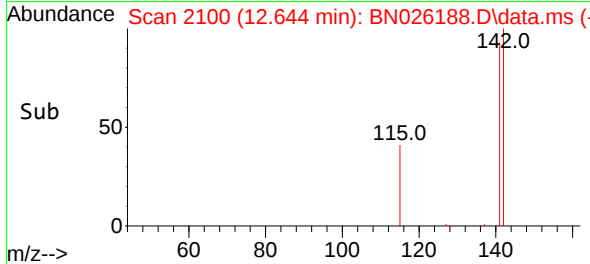
Instrument :
BNA_N
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Tgt Ion:142 Resp: 1654
Ion Ratio Lower Upper
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141 92.6 74.2 111.4

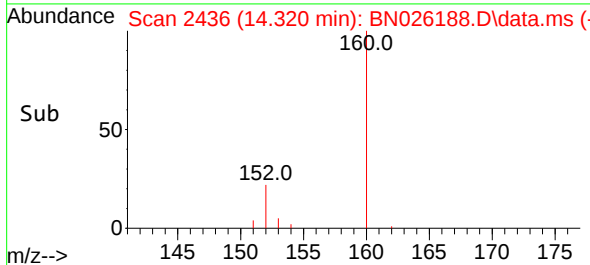
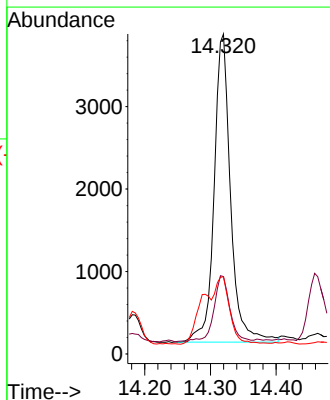
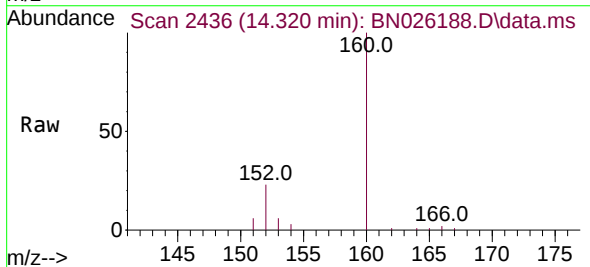
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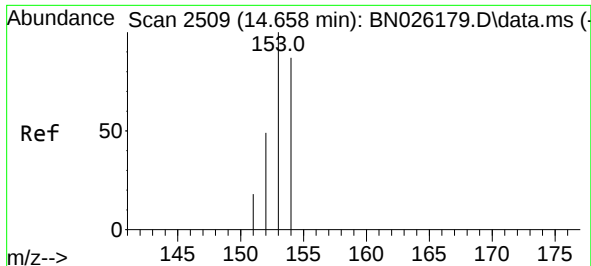
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

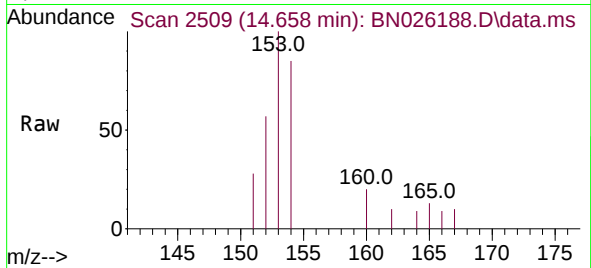
Tgt Ion:152 Resp: 6517
Ion Ratio Lower Upper
152 100
151 24.2 16.2 24.4
153 24.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.038 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

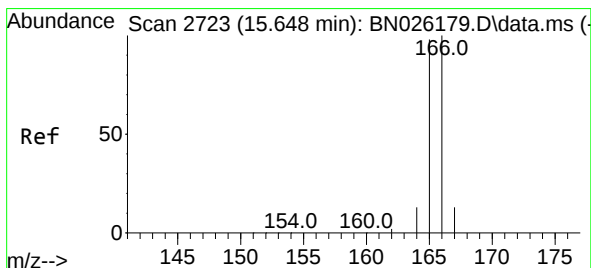
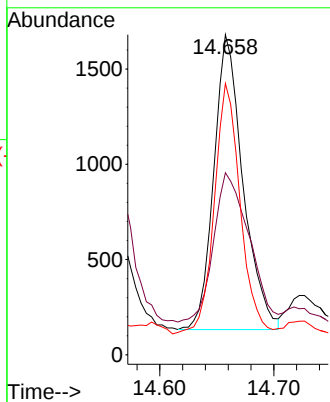
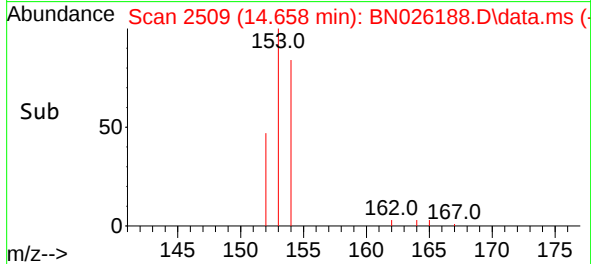
Instrument :
BNA_N
ClientSampleId :
DCGL6



Tgt Ion:153 Resp: 275
Ion Ratio Lower Upper
153 100
152 56.9 39.4 59.0
154 84.8 68.9 103.3

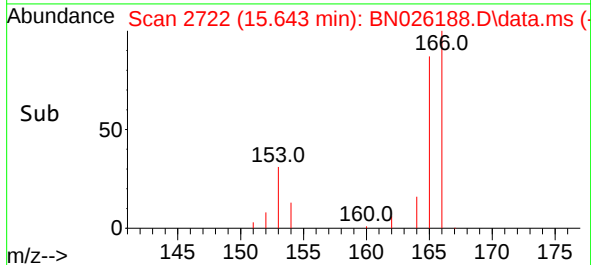
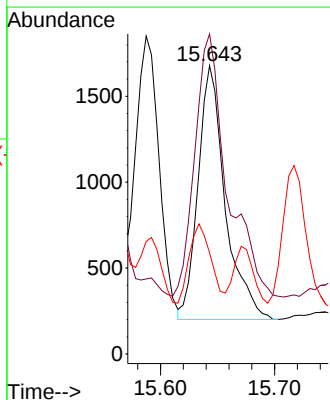
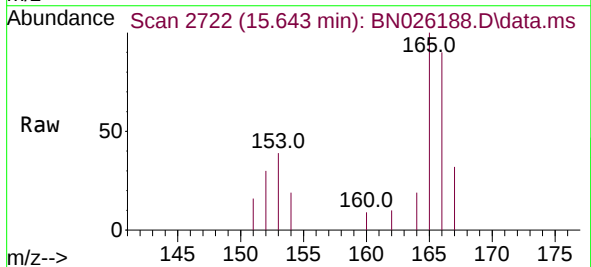
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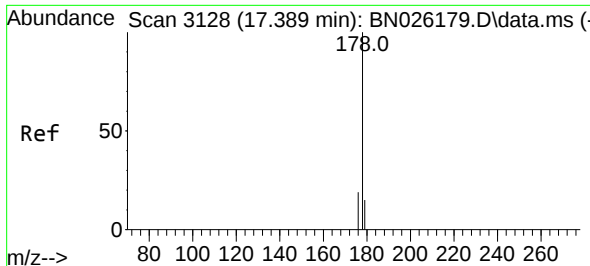
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.029 ng/u1
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

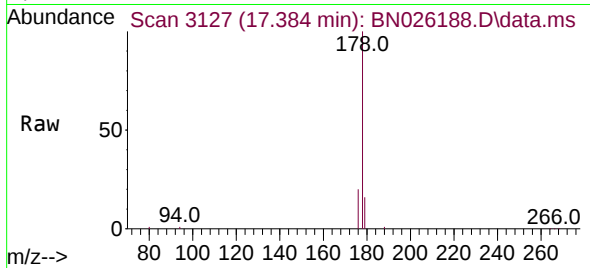
Tgt Ion:166 Resp: 2436
Ion Ratio Lower Upper
166 100
165 111.0 79.9 119.9
167 35.1 10.8 16.2#





#15
Phenanthrene
Concen: 0.671 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.010 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

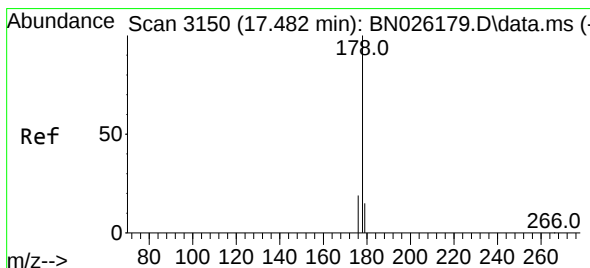
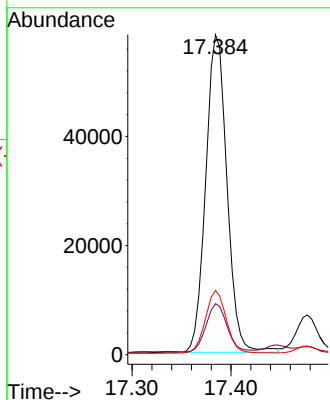
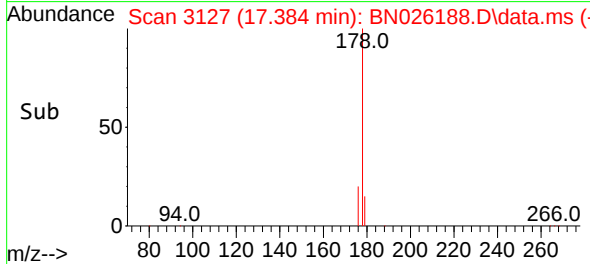
Instrument :
BNA_N
ClientSampleId :
DCGL6



Tgt Ion:178 Resp: 86900
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.1 15.8 23.6

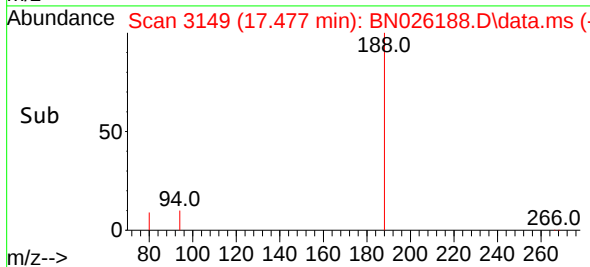
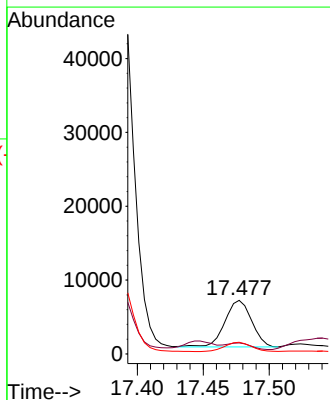
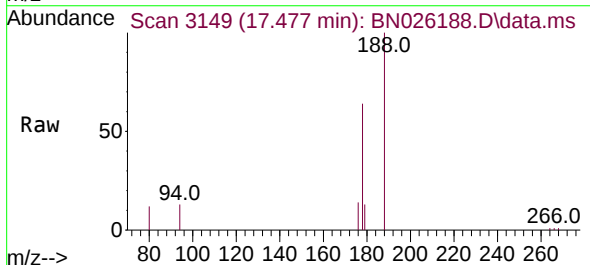
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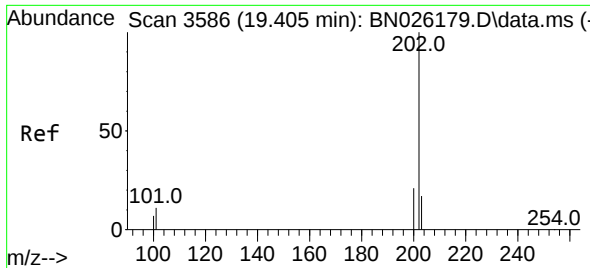
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

Tgt Ion:178 Resp: 8852
Ion Ratio Lower Upper
178 100
179 20.5 12.6 18.8#
176 21.7 15.1 22.7





#19

Fluoranthene

Concen: 1.517 ng/ul

RT: 19.404 min Scan# 3586

Delta R.T. -0.006 min

Lab File: BN026188.D

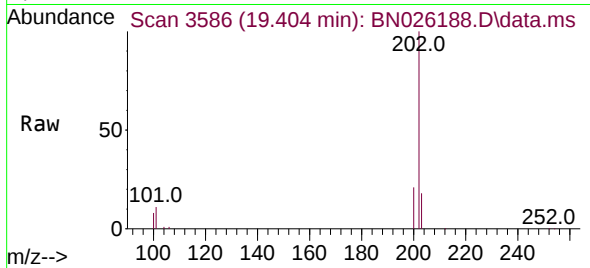
Acq: 02 Jul 2023 14:32

Instrument :

BNA_N

ClientSampleId :

DCGL6



Tgt Ion:202 Resp: 176348

Ion Ratio Lower Upper

202 100

101 11.4 9.5 14.3

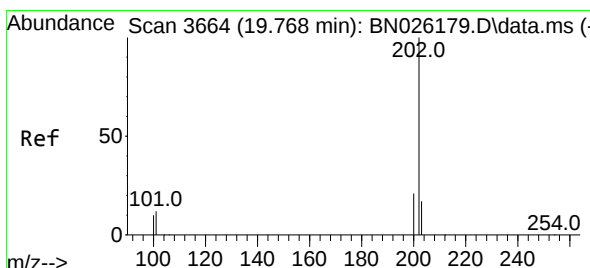
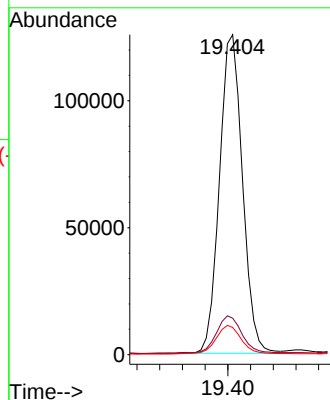
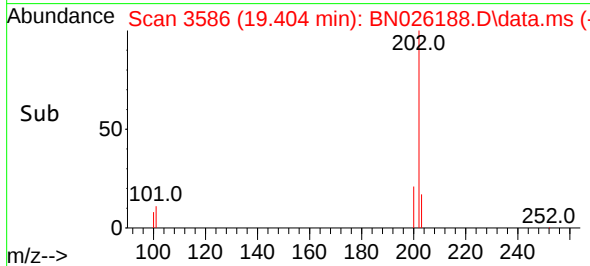
100 8.5 7.3 10.9

Manual Integrations

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Supervised By :Sohil Jodhani 07/04/2023



#20

Pyrene

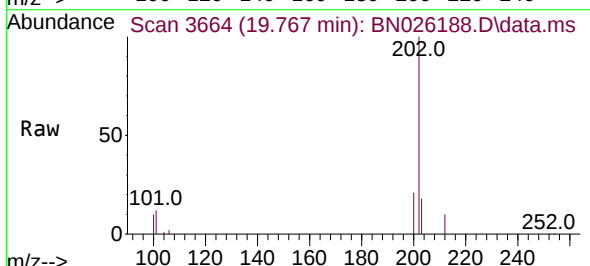
Concen: 1.198 ng/ul m

RT: 19.767 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BN026188.D

Acq: 02 Jul 2023 14:32



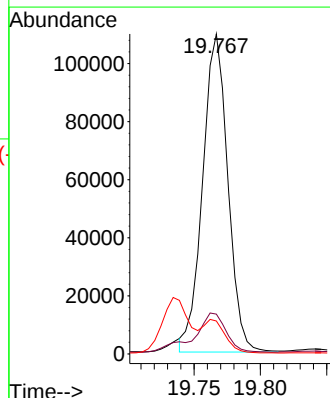
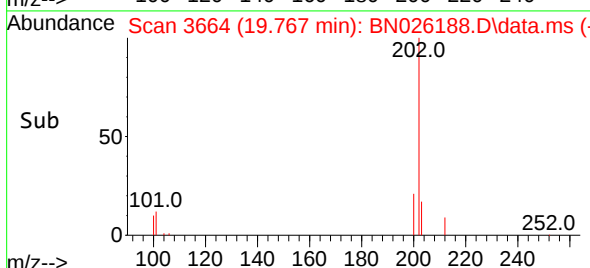
Tgt Ion:202 Resp: 144828

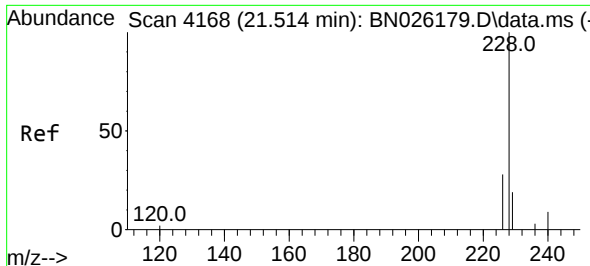
Ion Ratio Lower Upper

202 100

101 12.5 11.4 17.0

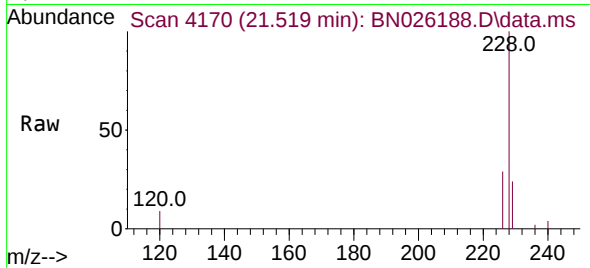
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.721 ng/ul
RT: 21.519 min Scan# 4168
Delta R.T. -0.008 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

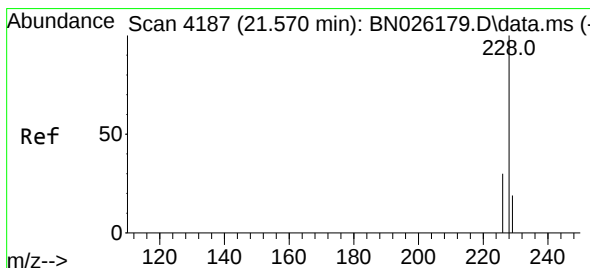
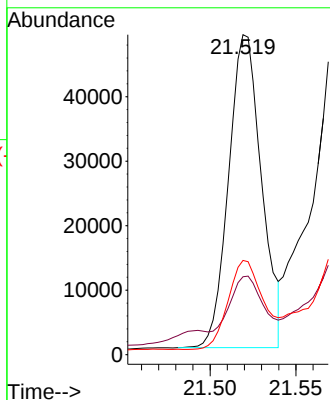
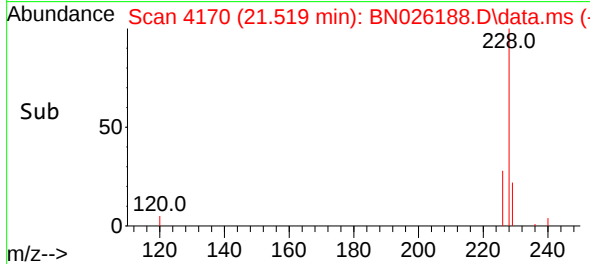
Instrument :
BNA_N
ClientSampleId :
DCGL6



Tgt Ion:228 Resp: 64714
Ion Ratio Lower Upper
228 100
229 24.3 15.8 23.6
226 29.4 22.5 33.7

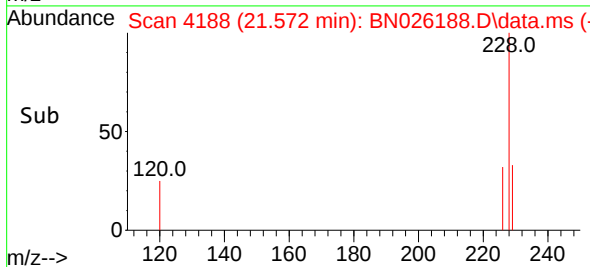
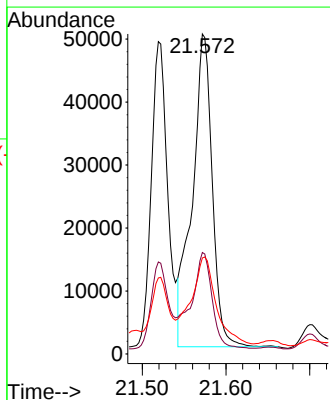
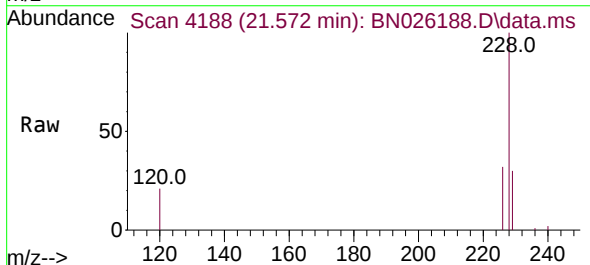
Manual Integrations
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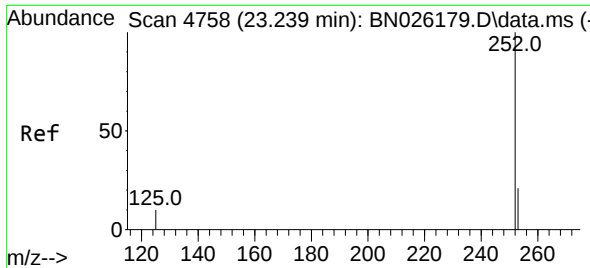
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 0.881 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

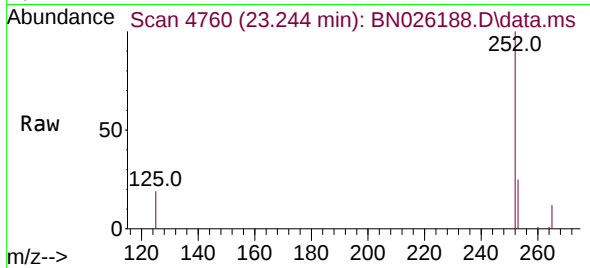
Tgt Ion:228 Resp: 82290
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 30.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.218 ng/ul m
RT: 23.244 min Scan# 4760
Delta R.T. 0.001 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

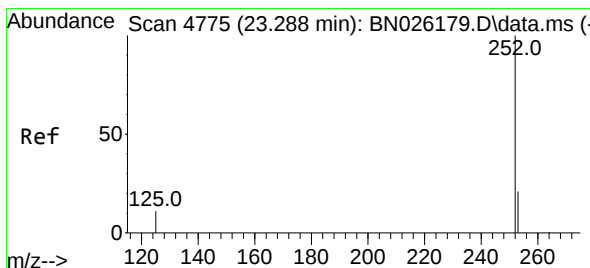
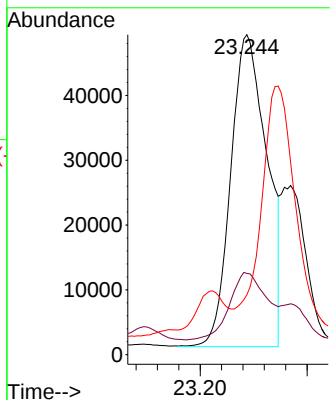
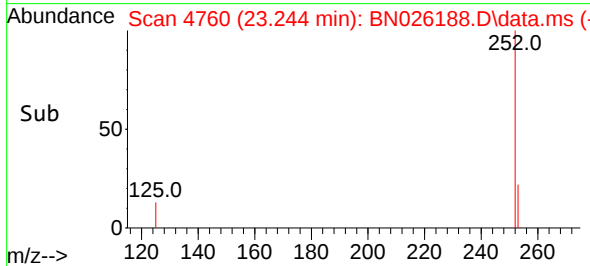
Instrument :
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Tgt Ion:252 Resp: 113018
Ion Ratio Lower Upper
252 100
253 25.4 0.0 55.6
125 18.7 0.0 35.8

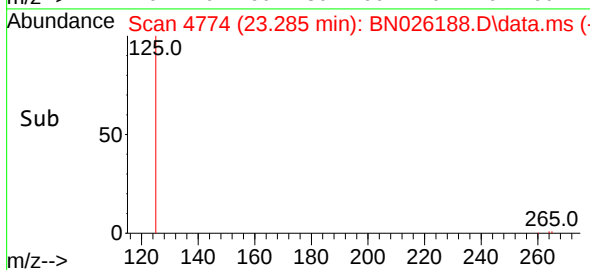
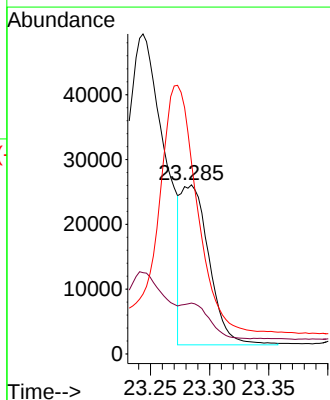
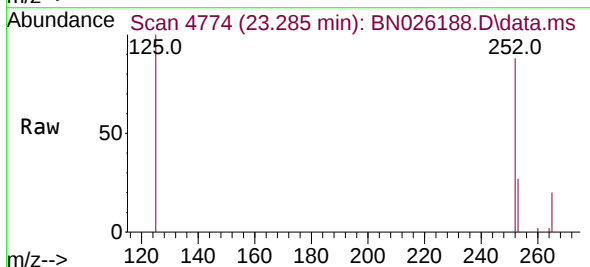
Manual Integrations
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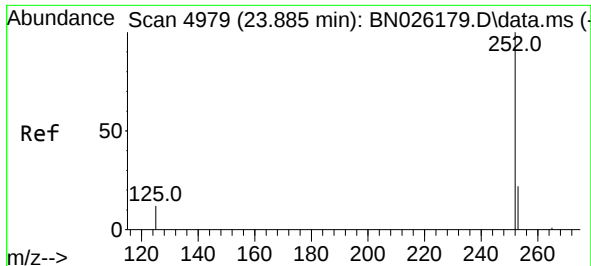
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.008 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

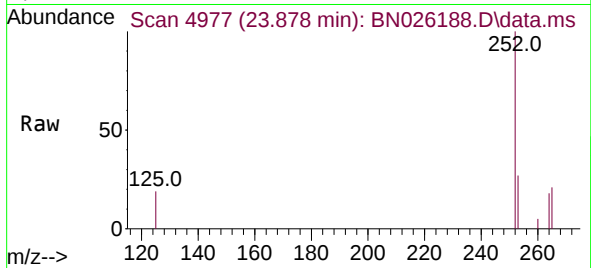
Tgt Ion:252 Resp: 40851
Ion Ratio Lower Upper
252 100
253 30.1 23.2 34.8
125 113.3 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.855 ng/ul
RT: 23.878 min Scan# 4979
Delta R.T. -0.008 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

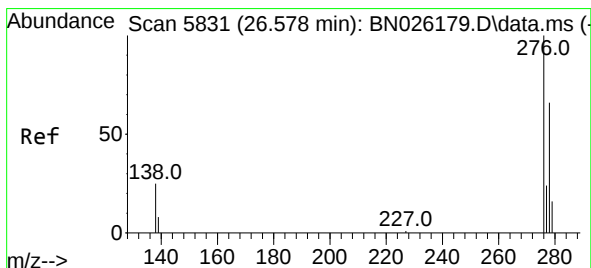
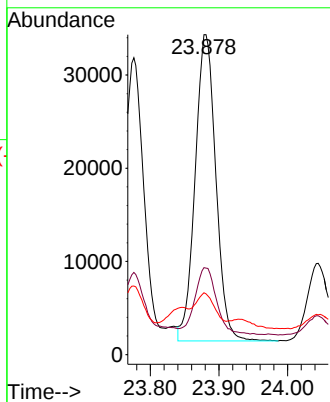
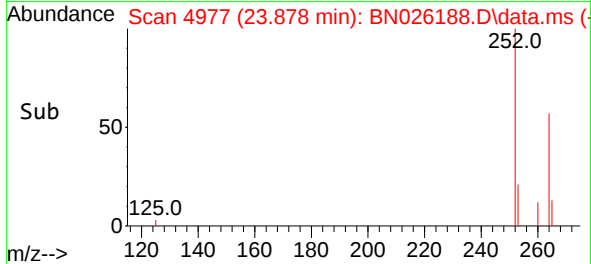
Instrument :
BNA_N
ClientSampleId :
DCGL6



Tgt Ion:252 Resp: 68924
Ion Ratio Lower Upper
252 100
253 27.2 26.0 39.0
125 19.4 17.3 25.9

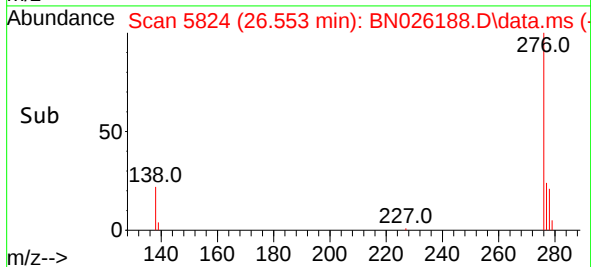
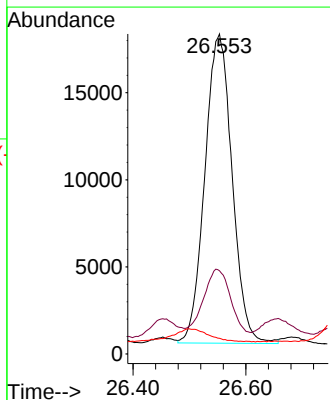
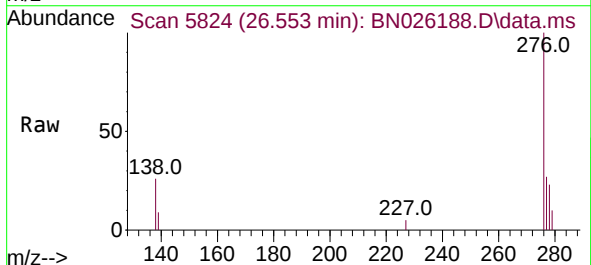
Manual Integrations
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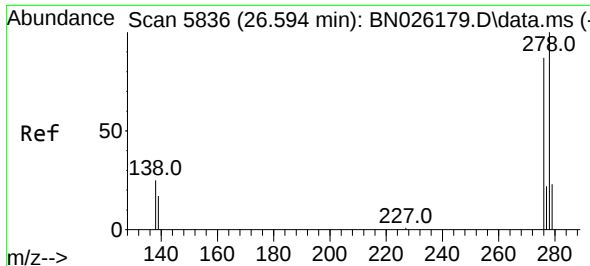
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.677 ng/ul
RT: 26.553 min Scan# 5824
Delta R.T. -0.005 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

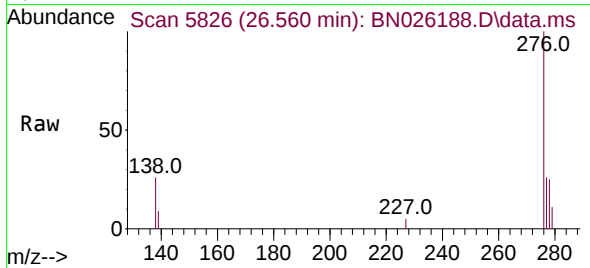
Tgt Ion:276 Resp: 59594
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 26.560 min Scan# 5826
Delta R.T. -0.018 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32

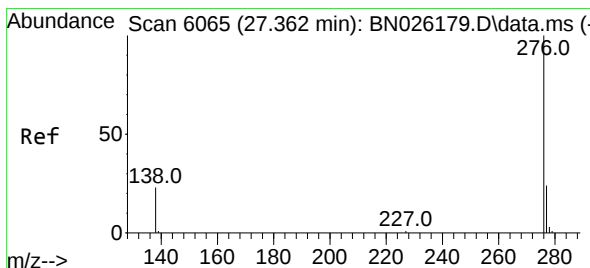
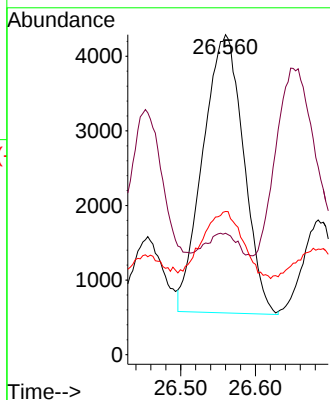
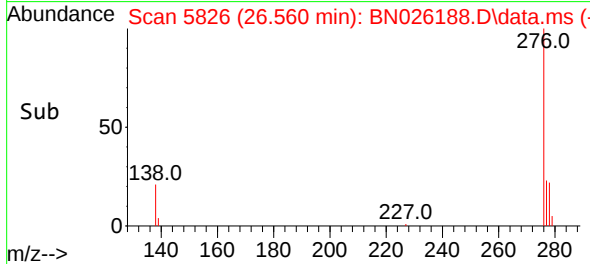
Instrument :
BNA_N
ClientSampleId :
DCGL6



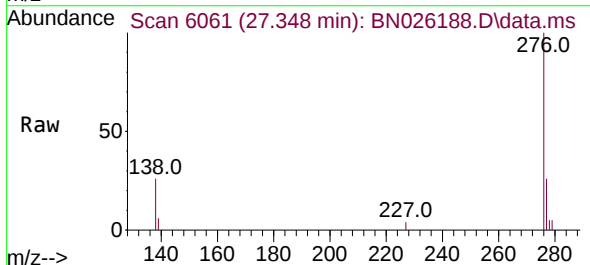
Tgt Ion:278 Resp: 14100
Ion Ratio Lower Upper
278 100
139 37.9 19.0 28.4
279 44.8 26.7 40.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.858 ng/ul
RT: 27.348 min Scan# 6061
Delta R.T. 0.002 min
Lab File: BN026188.D
Acq: 02 Jul 2023 14:32



Tgt Ion:276 Resp: 67195
Ion Ratio Lower Upper
276 100
138 26.2 23.4 35.0
277 25.7 20.0 30.0

