

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026174.D
 Acq On : 02 Jul 2023 05:25
 Operator : MA/JU
 Sample : 03245-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH3

Manual Integrations
 APPROVED

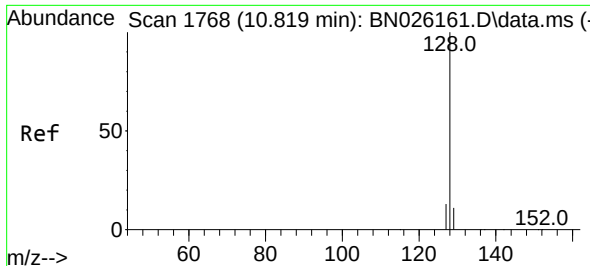
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 05:53:08 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)

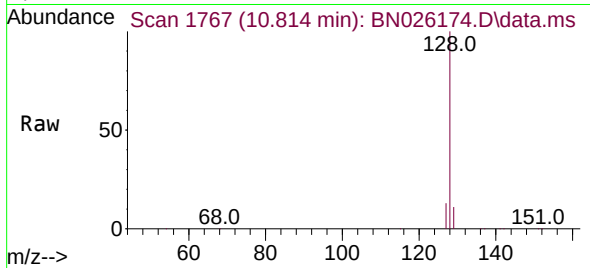
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8068	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26026	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	15668	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	31965	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	17977	0.400	ng/ul	-0.01
23) Perylene-d12	23.981	264	16711	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	22971	2.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7036	0.176	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	14188	0.207	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.814	128	118388	1.587	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	28630	0.603	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	10834	0.220	ng/ul	99
10) Acenaphthylene	14.316	152	98395	1.341	ng/ul	99
11) Acenaphthene	14.658	153	7918	0.132	ng/ul	98
12) Fluorene	15.643	166	15734	0.229	ng/ul#	99
15) Phenanthrene	17.385	178	374533	3.547	ng/ul	99
16) Anthracene	17.478	178	88694	0.945	ng/ul	100
19) Fluoranthene	19.400	202	844307	8.793	ng/ul	99
20) Pyrene	19.763	202	630803	6.316	ng/ul	98
21) Benzo(a)anthracene	21.514	228	367326	4.953	ng/ul	96
22) Chrysene	21.564	228	367184	4.758	ng/ul	98
24) Benzo(b)fluoranthene	23.230	252	578812m	8.115	ng/ul	
25) Benzo(k)fluoranthene	23.274	252	196064m	2.737	ng/ul	
26) Benzo(a)pyrene	23.867	252	350906	5.664	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.541	276	304225	4.496	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.544	278	72893	1.423	ng/ul	94
29) Benzo(g,h,i)perylene	27.335	276	276688	4.597	ng/ul	94

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



#5
Naphthalene
Concen: 1.587 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

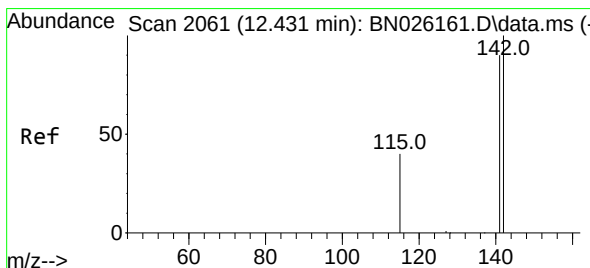
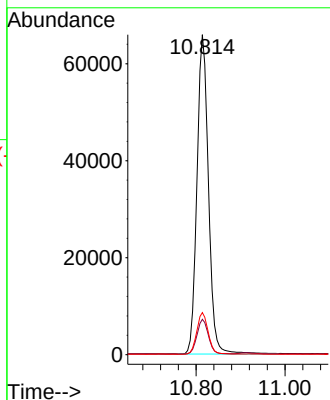
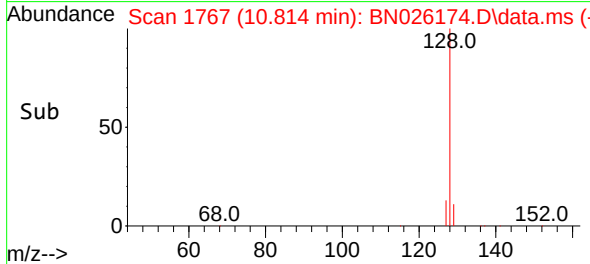
Instrument :
BNA_N
ClientSampleId :
DCGH3



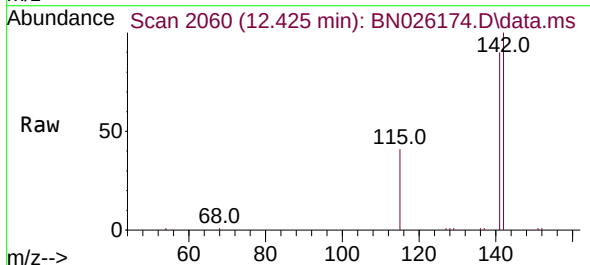
Tgt Ion:128 Resp: 11838
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 10.7 16.1

Manual Integrations
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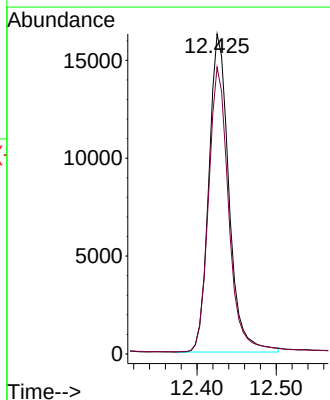
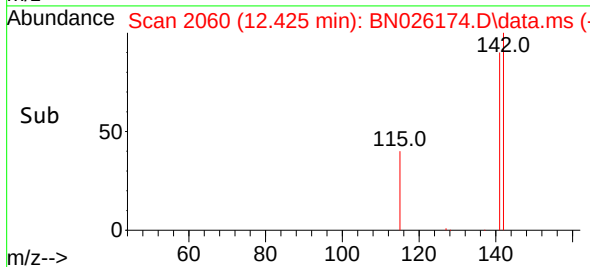
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

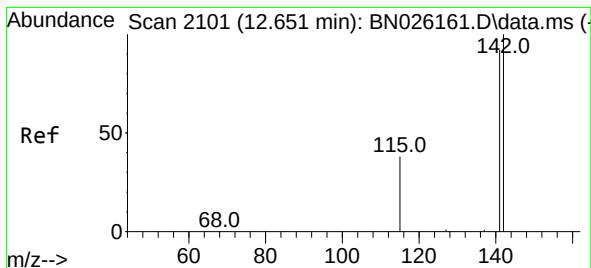


#7
2-Methylnaphthalene
Concen: 0.603 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25



Tgt Ion:142 Resp: 28630
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.220 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026174.D

Acq: 02 Jul 2023 05:25

Instrument :

BNA_N

ClientSampleId :

DCGH3

Tgt Ion:142 Resp: 10834

Ion Ratio Lower Upper

142 100

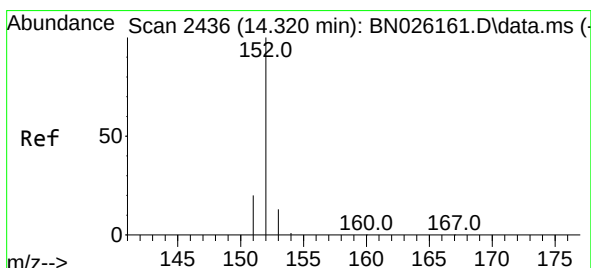
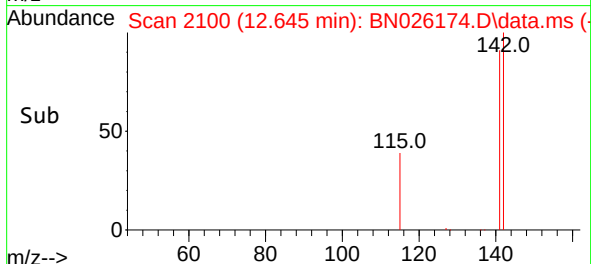
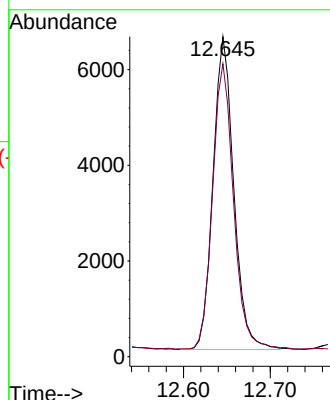
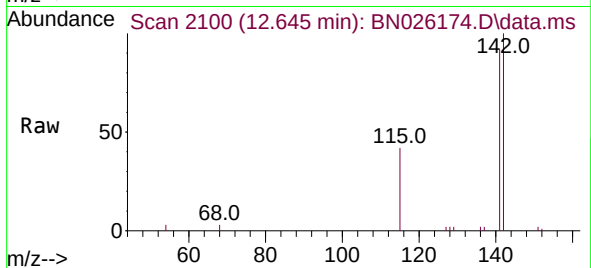
141 92.0 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#10

Acenaphthylene

Concen: 1.341 ng/ul

RT: 14.316 min Scan# 2435

Delta R.T. -0.010 min

Lab File: BN026174.D

Acq: 02 Jul 2023 05:25

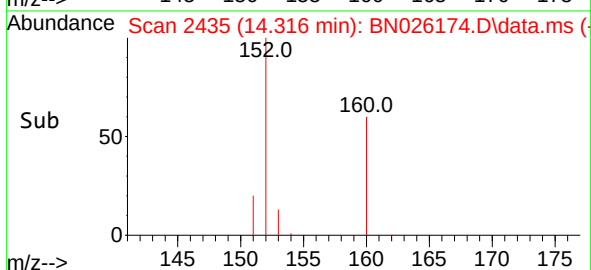
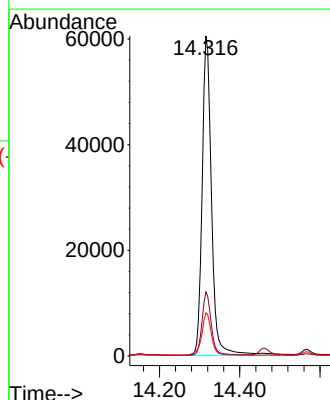
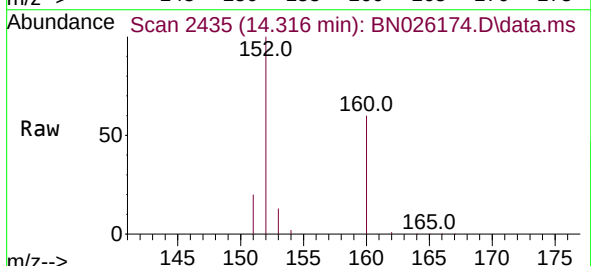
Tgt Ion:152 Resp: 98395

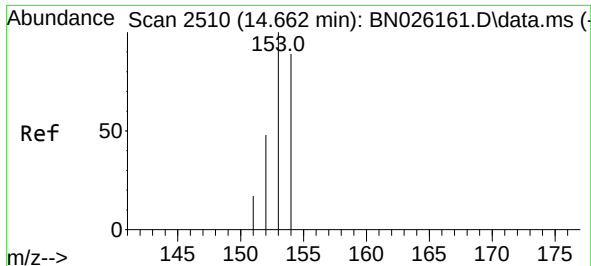
Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

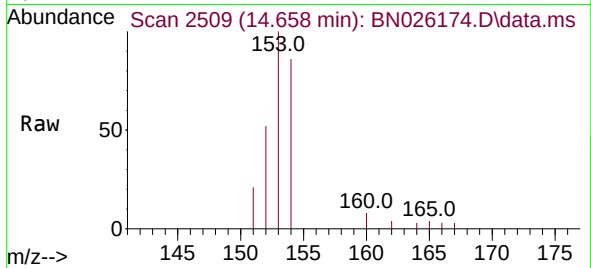
153 13.4 10.9 16.3





#11
Acenaphthene
Concen: 0.132 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

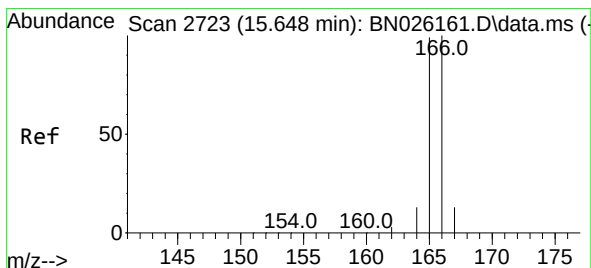
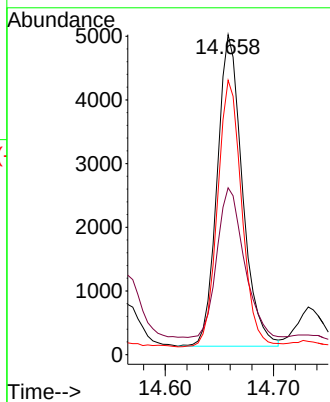
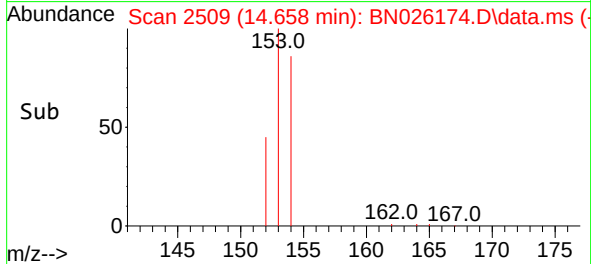
Instrument :
BNA_N
ClientSampleId :
DCGH3



Tgt Ion:153 Resp: 7918
Ion Ratio Lower Upper
153 100
152 52.1 39.4 59.0
154 85.7 68.9 103.3

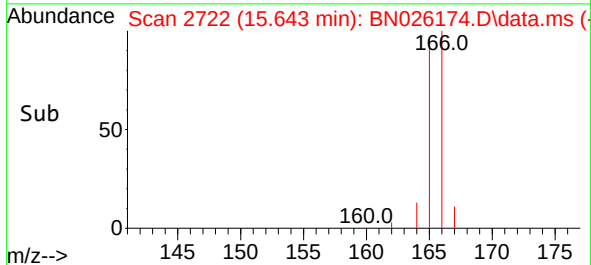
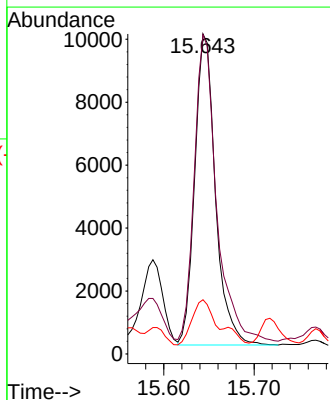
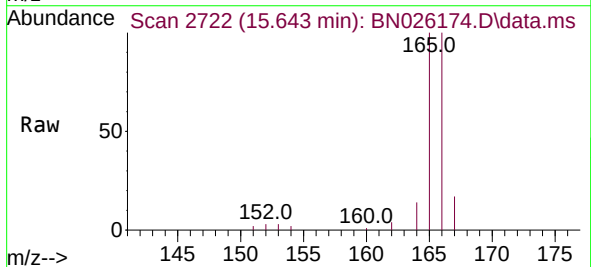
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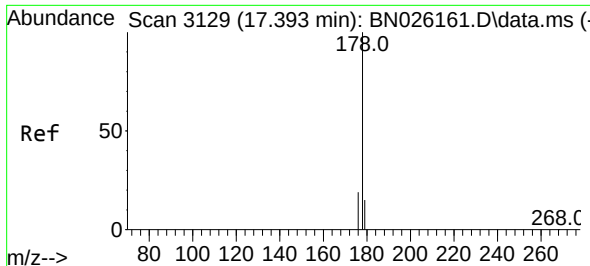
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.229 ng/u1
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

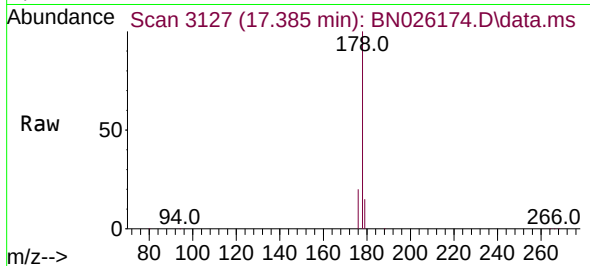
Tgt Ion:166 Resp: 15734
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 16.9 10.8 16.2#





#15
Phenanthrene
Concen: 3.547 ng/u1
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

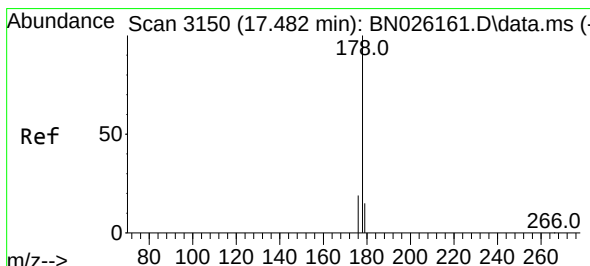
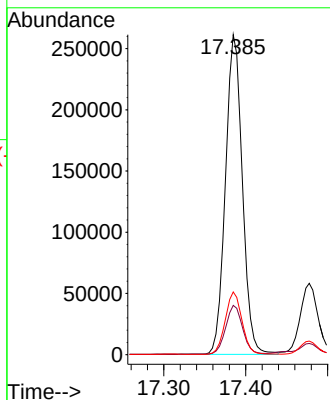
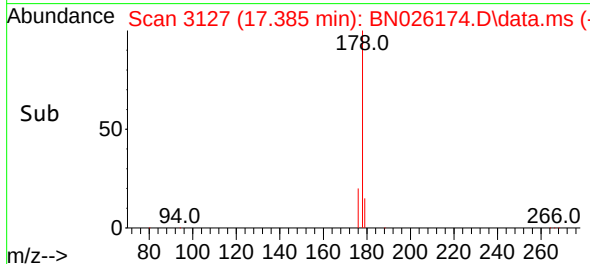
Instrument :
BNA_N
ClientSampleId :
DCGH3



Tgt Ion:178 Resp: 37453
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6

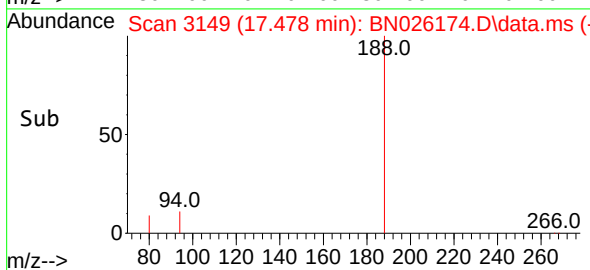
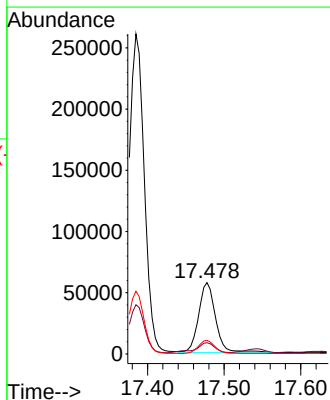
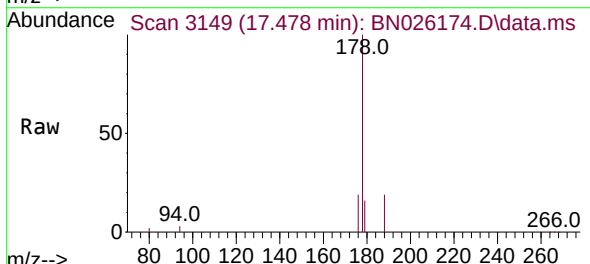
Manual Integrations
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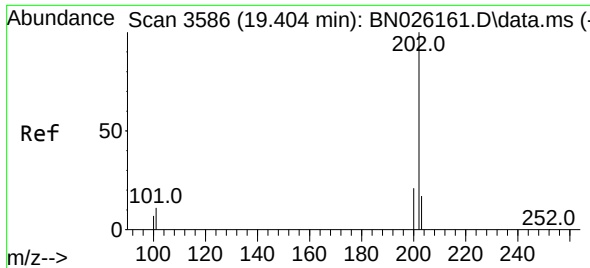
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.945 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

Tgt Ion:178 Resp: 88694
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.0 15.1 22.7





#19

Fluoranthene

Concen: 8.793 ng/u1

RT: 19.400 min Scan# 3586

Delta R.T. -0.010 min

Lab File: BN026174.D

Acq: 02 Jul 2023 05:25

Instrument :

BNA_N

ClientSampleId :

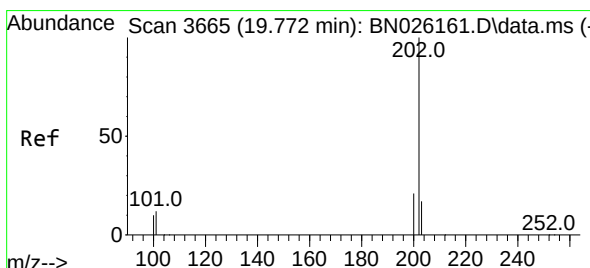
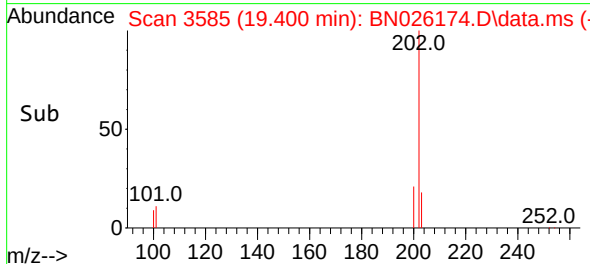
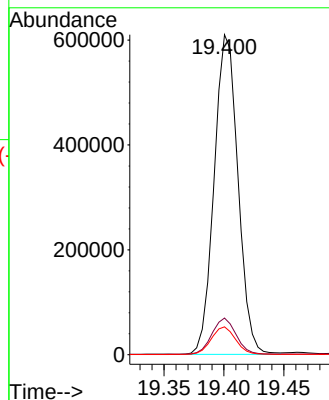
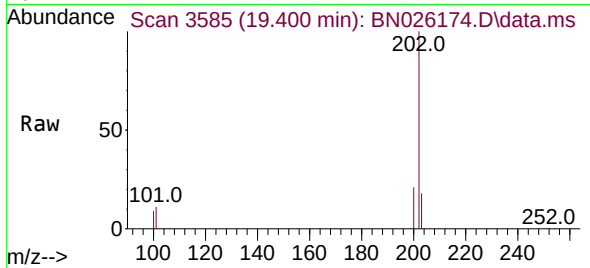
DCGH3

Tgt Ion:	202	Resp:	84430
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.5	14.3
100	8.7	7.3	10.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20

Pyrene

Concen: 6.316 ng/u1

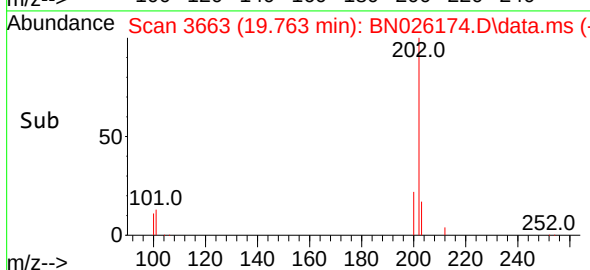
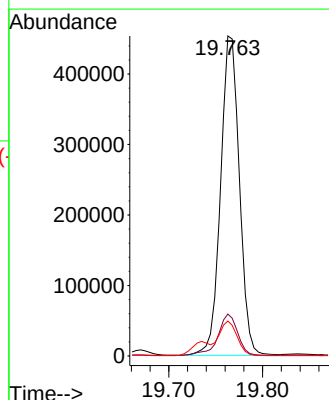
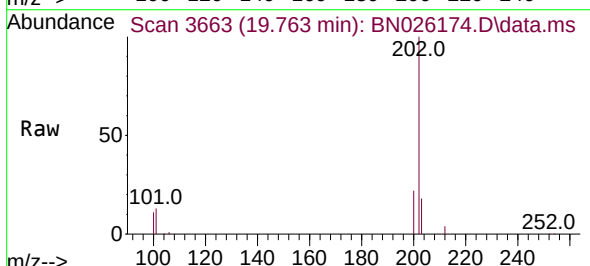
RT: 19.763 min Scan# 3663

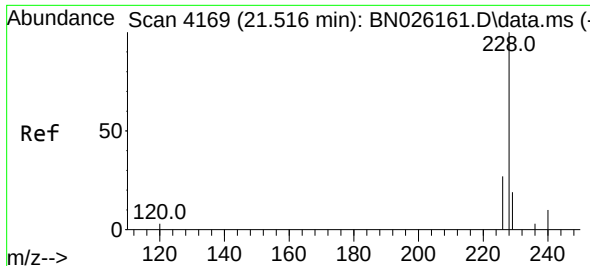
Delta R.T. -0.010 min

Lab File: BN026174.D

Acq: 02 Jul 2023 05:25

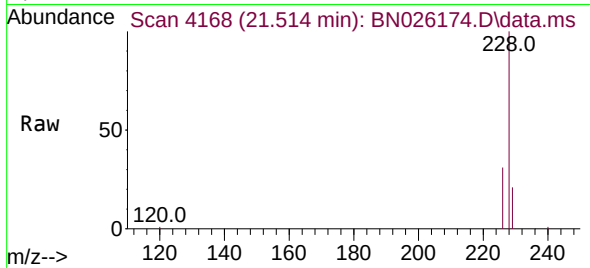
Tgt Ion:	202	Resp:	630803
Ion Ratio	Lower	Upper	
202	100		
101	13.1	11.4	17.0
100	10.9	9.1	13.7





#21
Benzo(a)anthracene
Concen: 4.953 ng/u1
RT: 21.514 min Scan# 4169
Delta R.T. -0.013 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

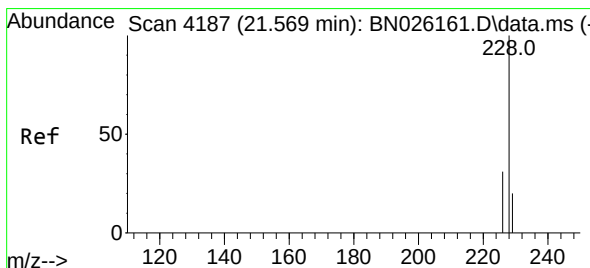
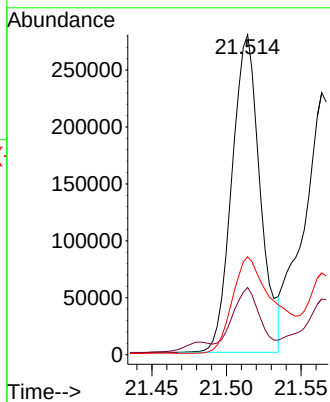
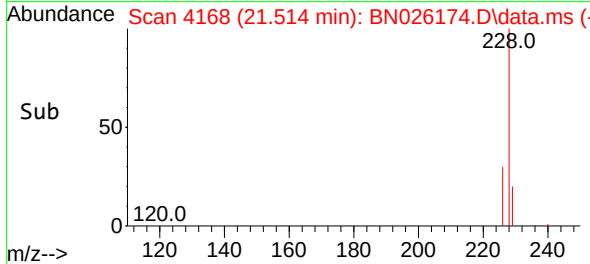
Instrument :
BNA_N
ClientSampleId :
DCGH3



Tgt Ion:228 Resp: 367320
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 30.6 22.5 33.7

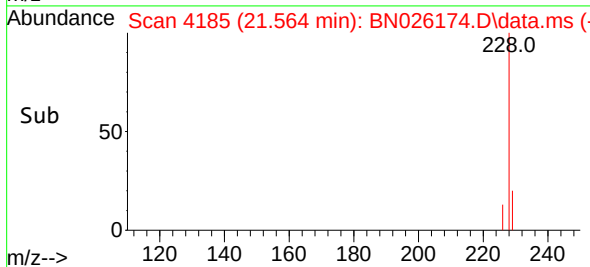
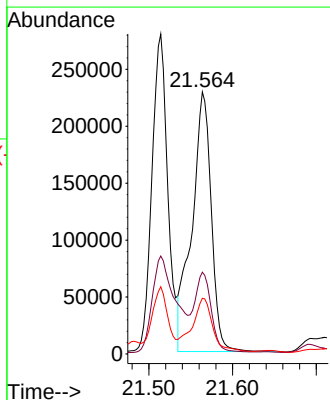
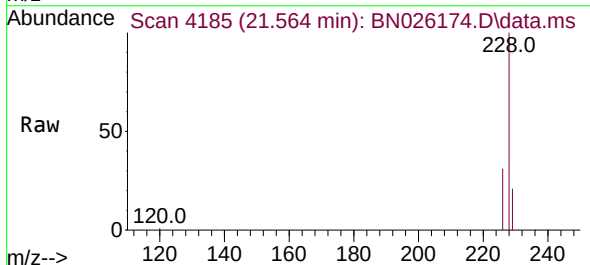
Manual Integrations
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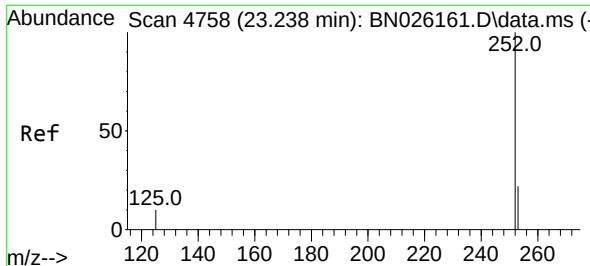
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 4.758 ng/u1
RT: 21.564 min Scan# 4185
Delta R.T. -0.015 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

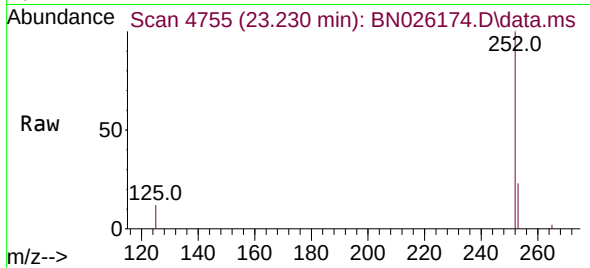
Tgt Ion:228 Resp: 367184
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 21.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.115 ng/ul m
RT: 23.230 min Scan# 4758
Delta R.T. -0.013 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

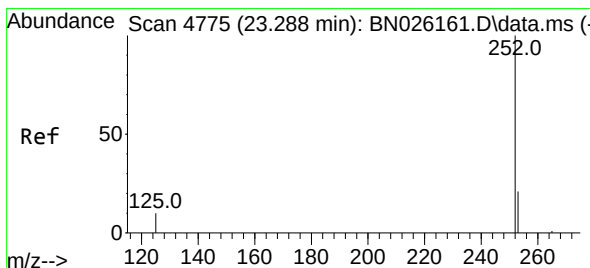
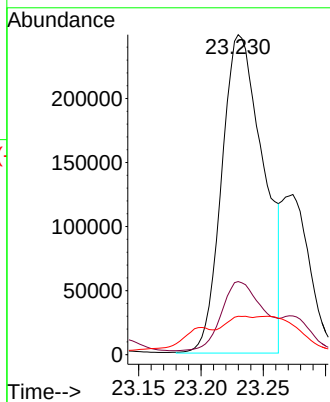
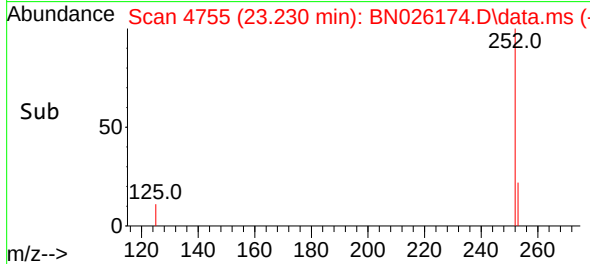
Instrument :
BNA_N
ClientSampleId :
DCGH3



Tgt Ion:252 Resp: 57881
Ion Ratio Lower Upper
252 100
253 22.9 0.0 55.6
125 12.0 0.0 35.8

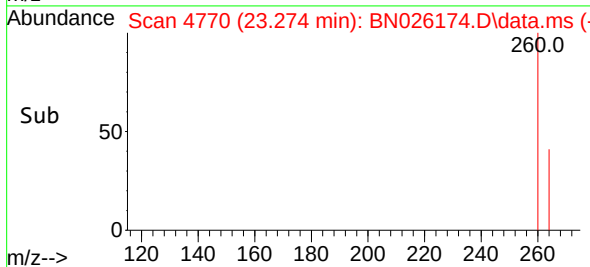
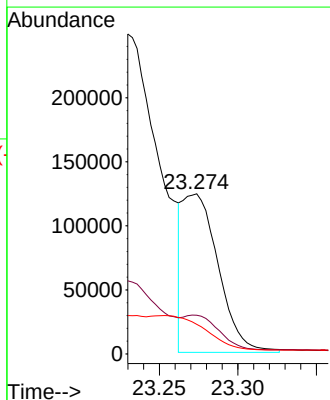
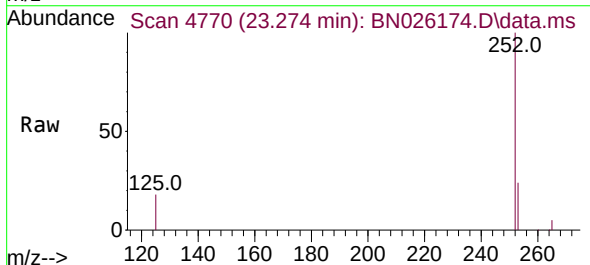
Manual Integrations
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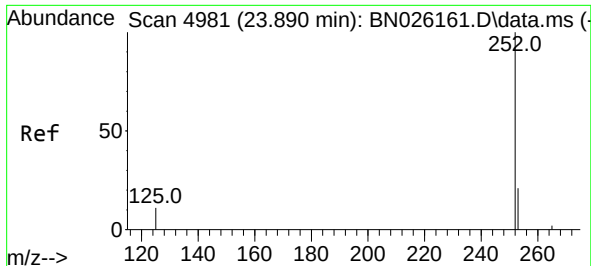
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 2.737 ng/ul m
RT: 23.274 min Scan# 4770
Delta R.T. -0.018 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

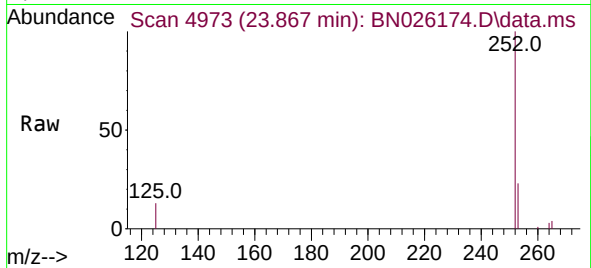
Tgt Ion:252 Resp: 196064
Ion Ratio Lower Upper
252 100
253 24.1 23.2 34.8
125 18.4 15.0 22.4





#26
Benzo(a)pyrene
Concen: 5.664 ng/ul
RT: 23.867 min Scan# 4981
Delta R.T. -0.018 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

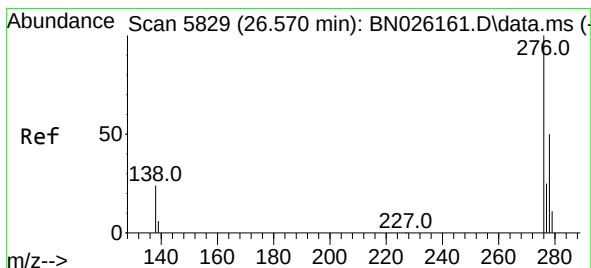
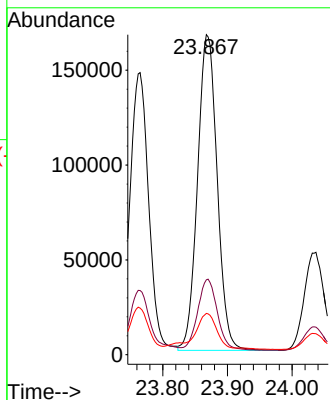
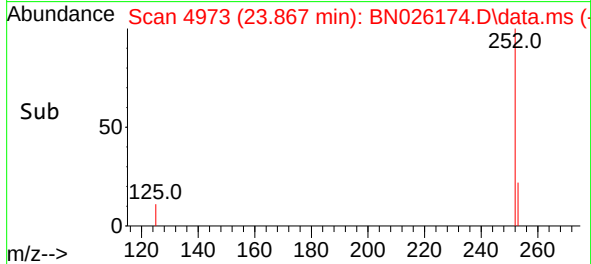
Instrument :
BNA_N
ClientSampleId :
DCGH3



Tgt Ion:252 Resp: 350900
Ion Ratio Lower Upper
252 100
253 23.4 26.0 39.0
125 12.9 17.3 25.9

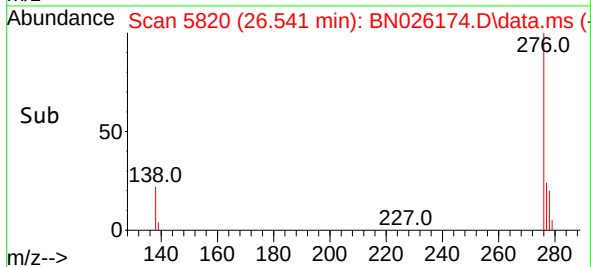
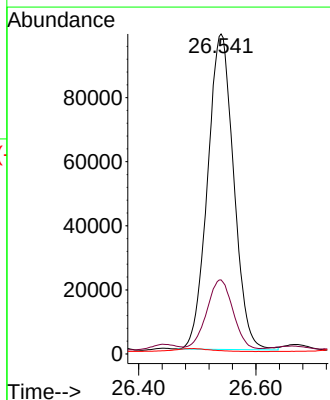
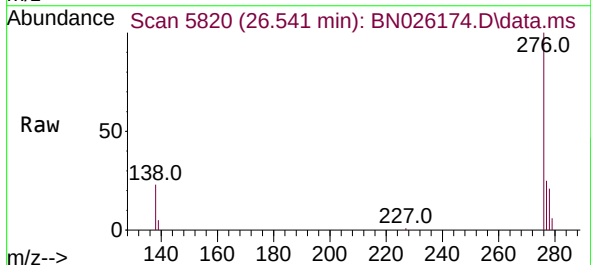
Manual Integrations
APPROVED

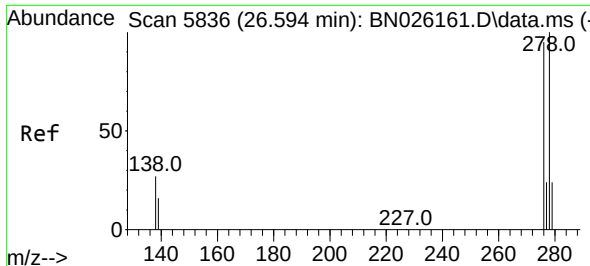
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.496 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.018 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

Tgt Ion:276 Resp: 304225
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7
227 0.0 0.0 0.0





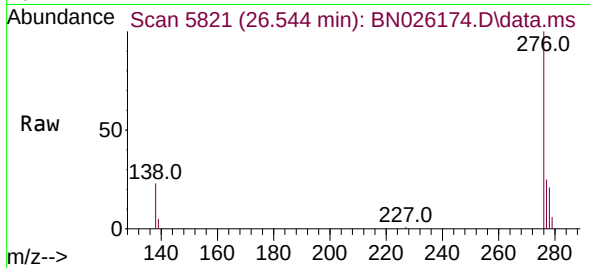
#28
Dibenzo(a,h)anthracene
Concen: 1.423 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. -0.034 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25

Instrument :

BNA_N

ClientSampleId :

DCGH3

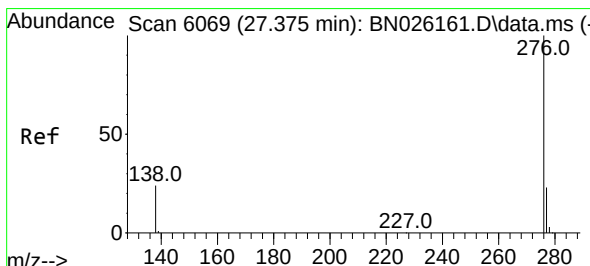
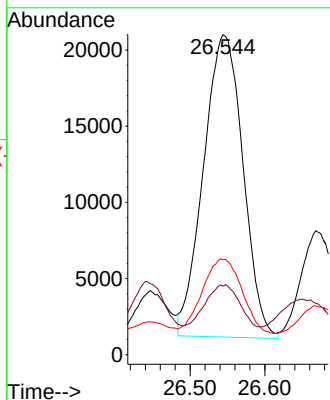
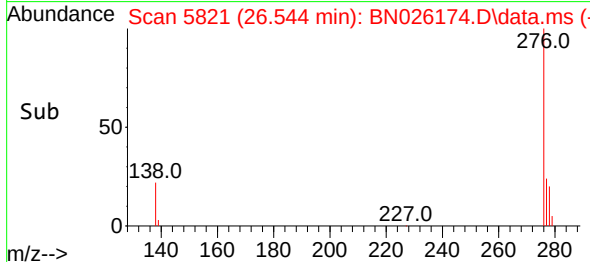


Tgt Ion:278 Resp: 7289
Ion Ratio Lower Upper
278 100
139 21.4 19.0 28.4
279 29.7 26.7 40.1

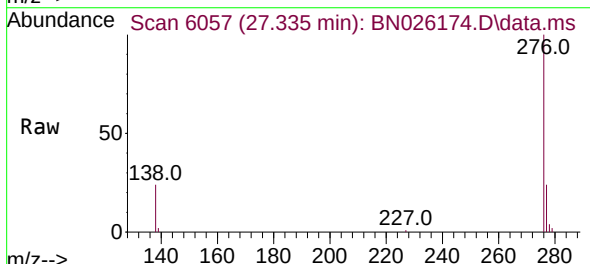
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 4.597 ng/ul
RT: 27.335 min Scan# 6057
Delta R.T. -0.011 min
Lab File: BN026174.D
Acq: 02 Jul 2023 05:25



Tgt Ion:276 Resp: 276688
Ion Ratio Lower Upper
276 100
138 24.0 23.4 35.0
277 24.1 20.0 30.0

