

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026166.D
 Acq On : 02 Jul 2023 00:33
 Operator : MA/JU
 Sample : 03239-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 03:01:28 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	7.959	152	8231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	27113	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	16169	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	33805	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	20718	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	19007	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5549	0.599	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1653	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	3642	0.046	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	5333	0.069	ng/ul#	94
7) 2-Methylnaphthalene	12.437	142	2368	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	1704	0.033	ng/ul	99
10) Acenaphthylene	14.320	152	7251	0.096	ng/ul	95
11) Acenaphthene	14.658	153	10350	0.167	ng/ul	99
12) Fluorene	15.648	166	9566	0.135	ng/ul	97
15) Phenanthrene	17.385	178	225531	2.020	ng/ul	100
16) Anthracene	17.478	178	52496	0.529	ng/ul	99
19) Fluoranthene	19.401	202	601788	5.438	ng/ul	98
20) Pyrene	19.763	202	481421	4.183	ng/ul	98
21) Benzo(a)anthracene	21.517	228	239997	2.808	ng/ul	99
22) Chrysene	21.570	228	237691	2.673	ng/ul	97
24) Benzo(b)fluoranthene	23.233	252	281559m	3.471	ng/ul	
25) Benzo(k)fluoranthene	23.277	252	104221m	1.279	ng/ul	
26) Benzo(a)pyrene	23.873	252	178681	2.536	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.541	276	117441	1.526	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.544	278	29809	0.512	ng/ul	99
29) Benzo(g,h,i)perylene	27.326	276	107049	1.564	ng/ul	95

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

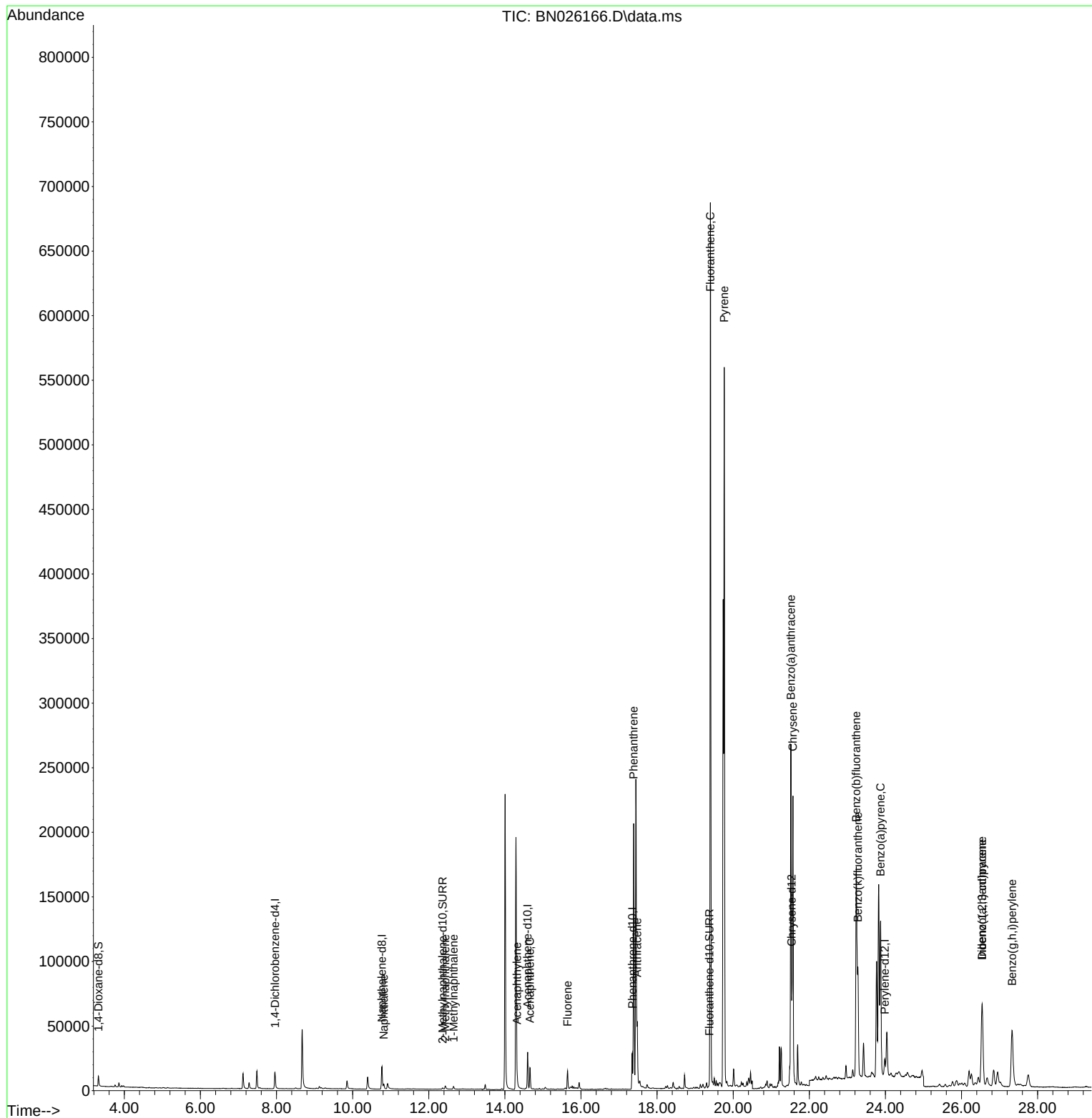
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026166.D
Acq On : 02 Jul 2023 00:33
Operator : MA/JU
Sample : 03239-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

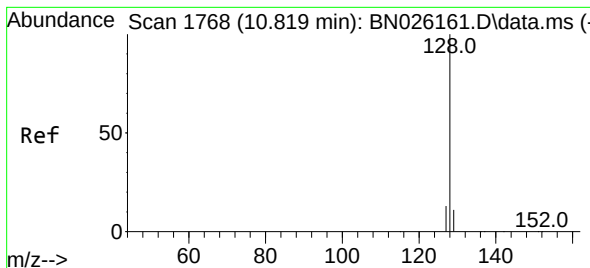
Instrument :
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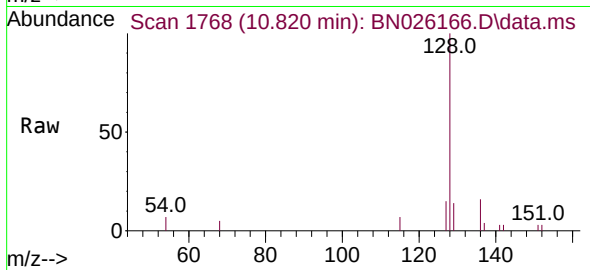
Quant Time: Jul 02 03:01:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

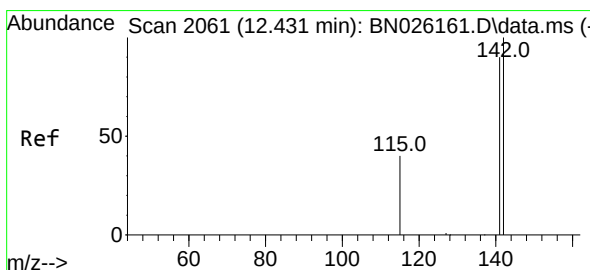
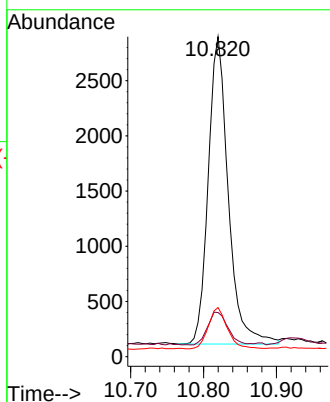
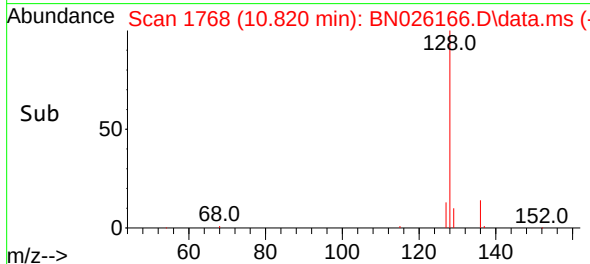
Instrument :
BNA_N
ClientSampleId :
DCGA3DL



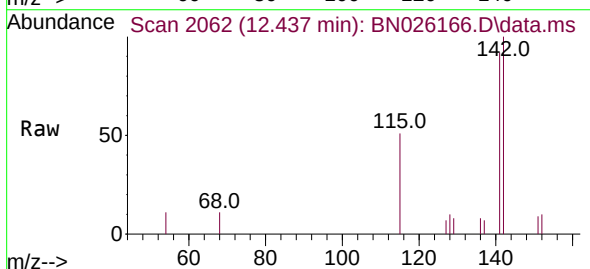
Tgt Ion:128 Resp: 5338
Ion Ratio Lower Upper
128 100
129 13.8 9.1 13.7
127 15.4 10.7 16.1

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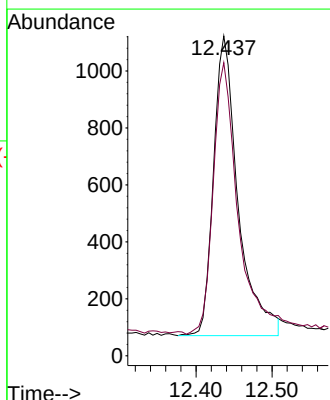
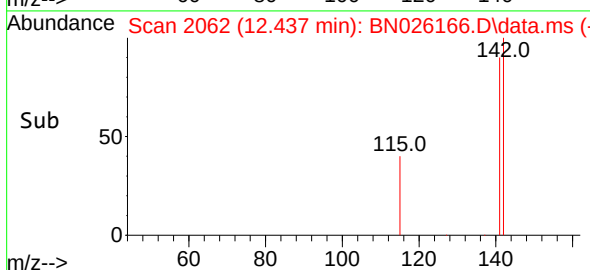
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

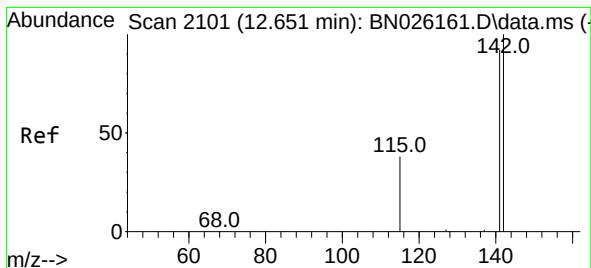


#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.437 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33



Tgt Ion:142 Resp: 2368
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026166.D

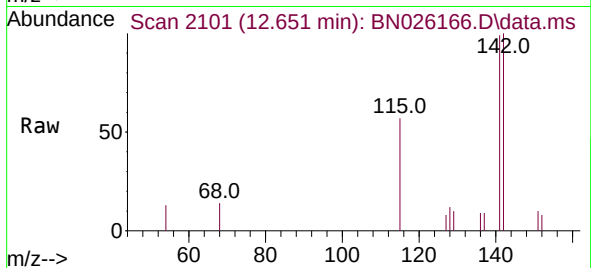
Acq: 02 Jul 2023 00:33

Instrument :

BNA_N

ClientSampleId :

DCGA3DL



Tgt Ion:142 Resp: 1704

Ion Ratio Lower Upper

142 100

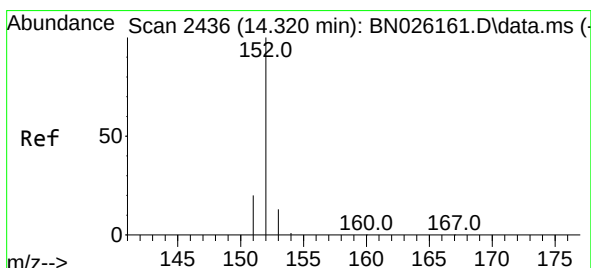
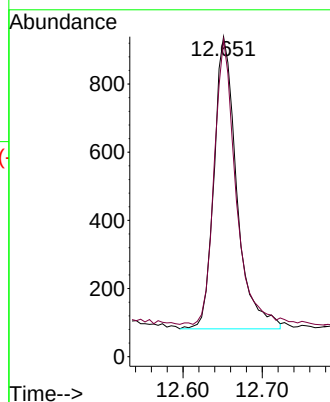
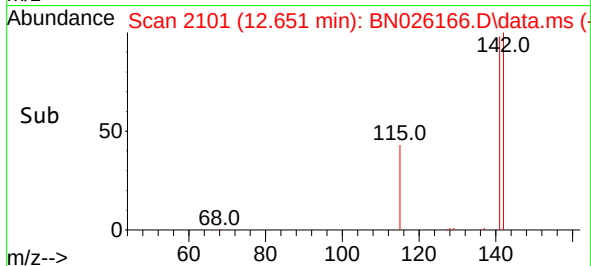
141 92.1 74.2 111.4

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Reviewed By :Yogesh Patel 07/02/2023

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#10

Acenaphthylene

Concen: 0.096 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026166.D

Acq: 02 Jul 2023 00:33

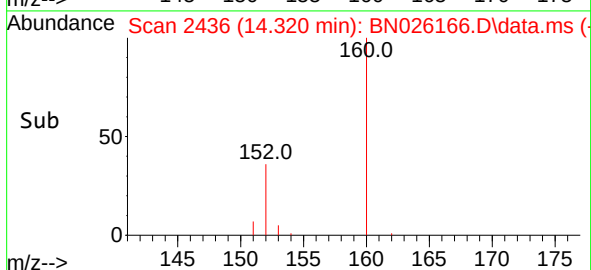
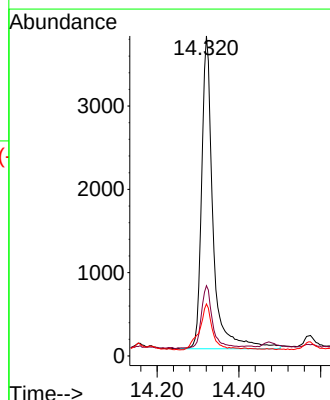
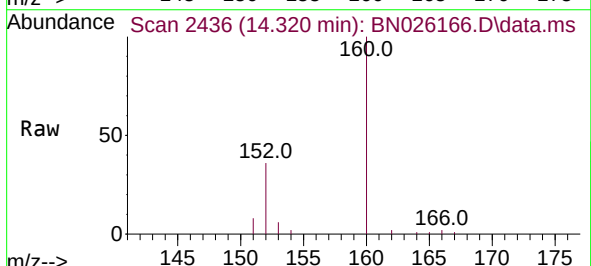
Tgt Ion:152 Resp: 7251

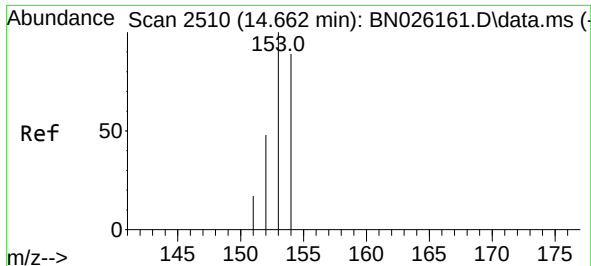
Ion Ratio Lower Upper

152 100

151 21.9 16.2 24.4

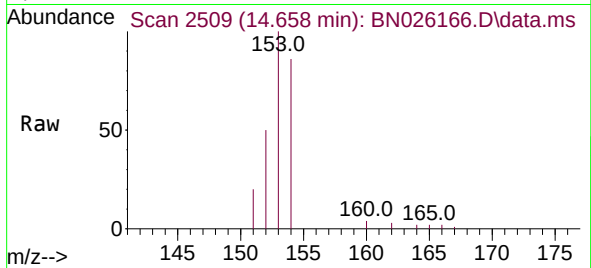
153 16.2 10.9 16.3





#11
Acenaphthene
Concen: 0.167 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

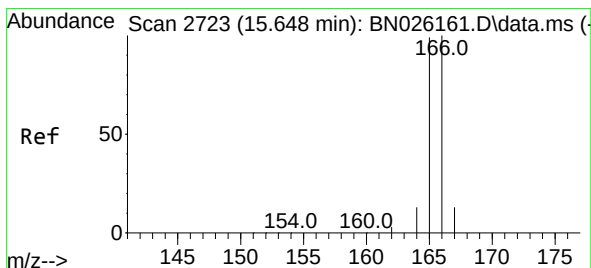
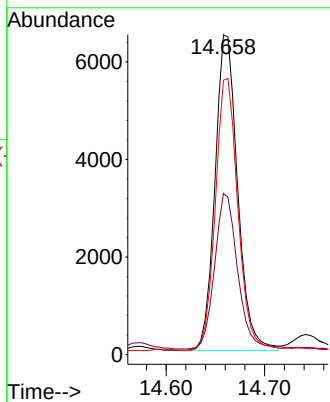
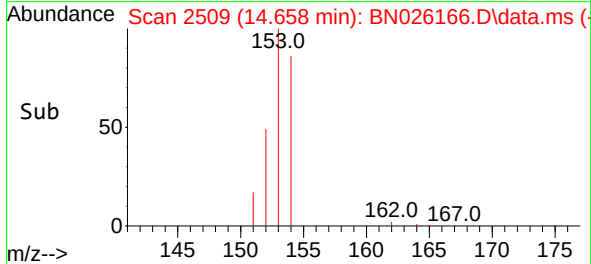
Instrument :
BNA_N
ClientSampleId :
DCGA3DL



Tgt Ion:153 Resp: 10350
Ion Ratio Lower Upper
153 100
152 50.4 39.4 59.0
154 85.8 68.9 103.3

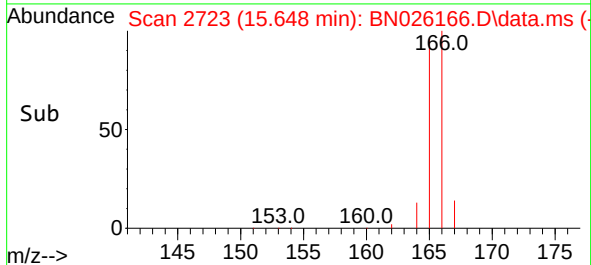
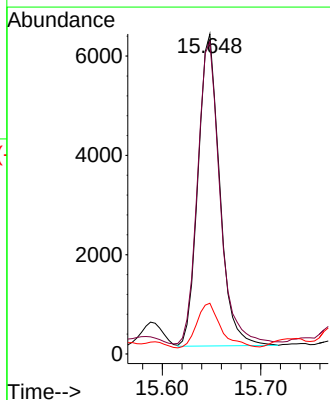
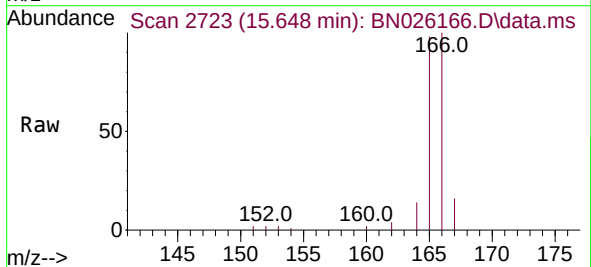
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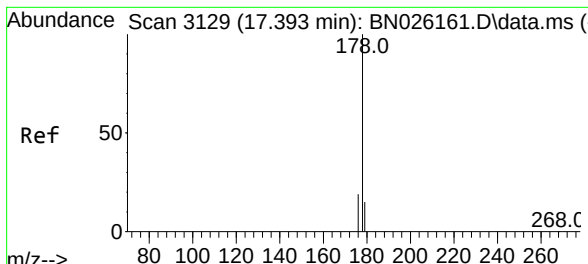
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.135 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

Tgt Ion:166 Resp: 9566
Ion Ratio Lower Upper
166 100
165 97.5 79.9 119.9
167 15.9 10.8 16.2





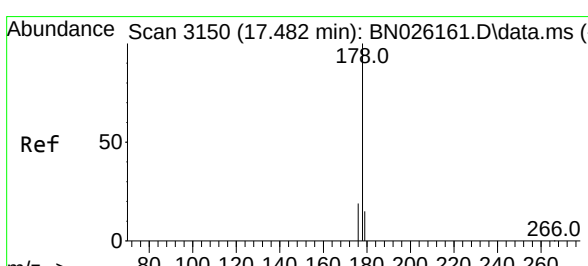
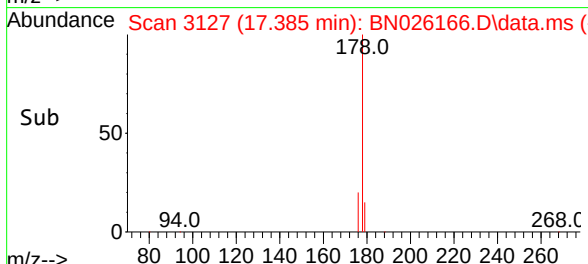
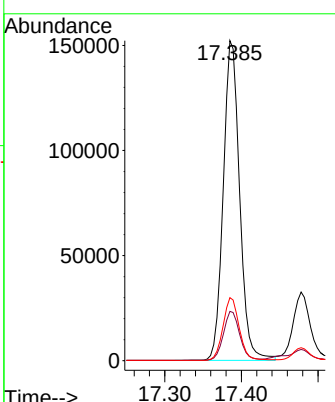
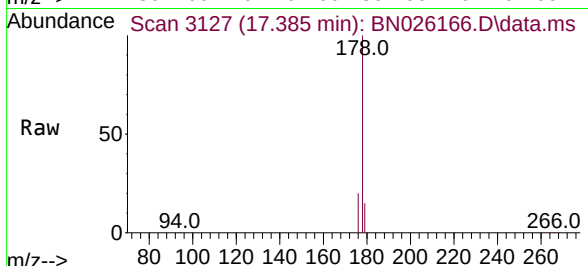
#15
 Phenanthrene
 Concen: 2.020 ng/u1
 RT: 17.385 min Scan# 3127
 Delta R.T. -0.009 min
 Lab File: BN026166.D
 Acq: 02 Jul 2023 00:33

Instrument : BNA_N
 ClientSampleId : DCGA3DL

Tgt Ion:178 Resp: 22553

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.7	15.8	23.6

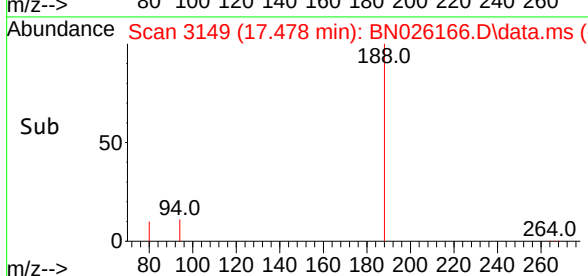
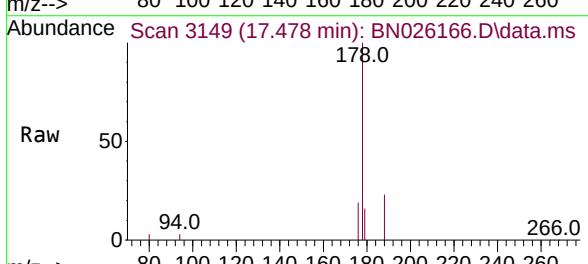
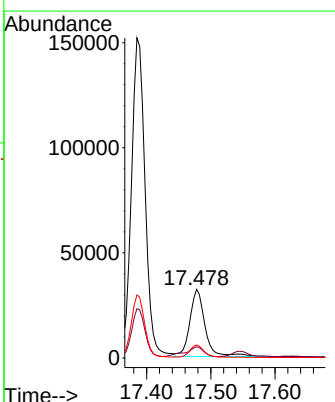
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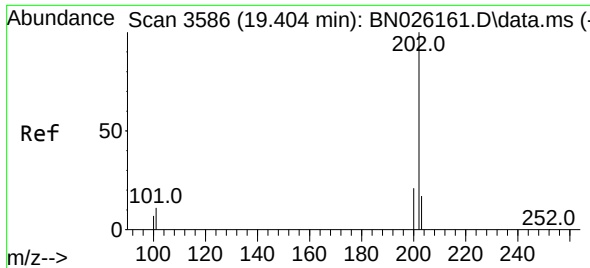


#16
 Anthracene
 Concen: 0.529 ng/u1
 RT: 17.478 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BN026166.D
 Acq: 02 Jul 2023 00:33

Tgt Ion:178 Resp: 52496

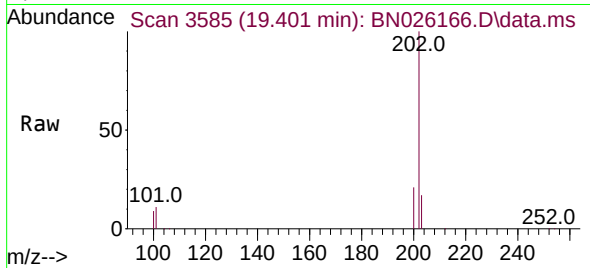
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	19.0	15.1	22.7





#19
Fluoranthene
Concen: 5.438 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.010 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

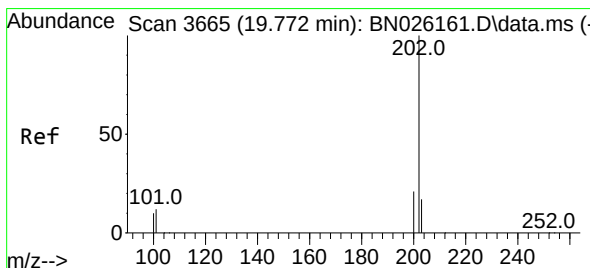
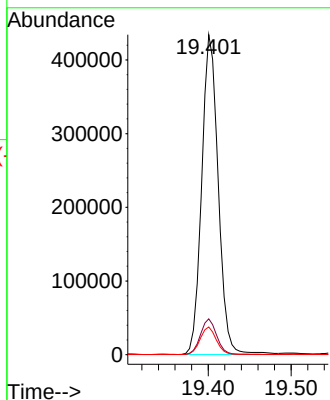
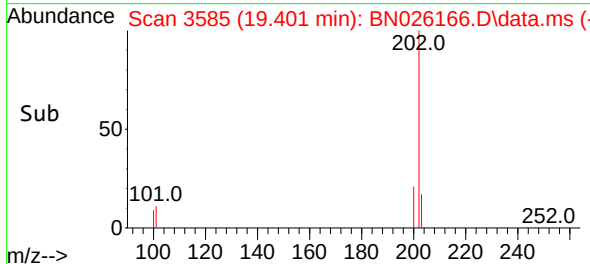
Instrument :
BNA_N
ClientSampleId :
DCGA3DL



Tgt Ion:202 Resp: 60178
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.6 7.3 10.9

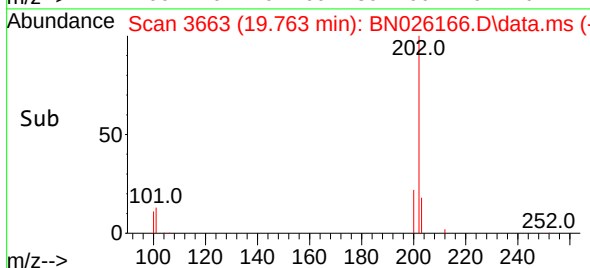
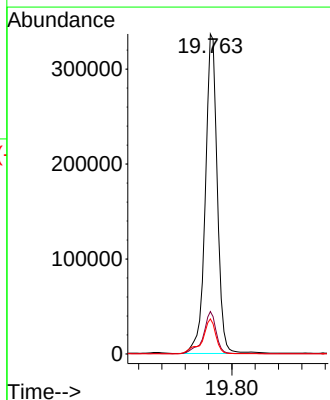
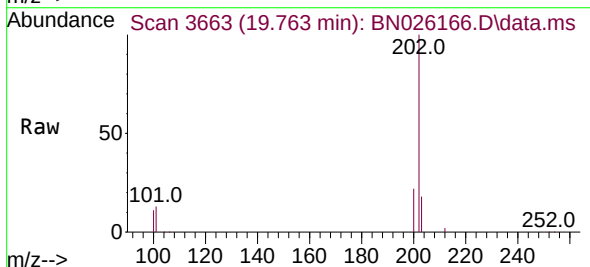
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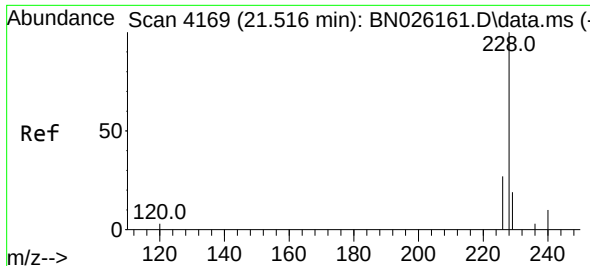
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 4.183 ng/u1
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

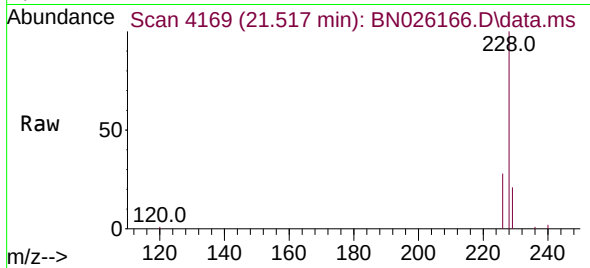
Tgt Ion:202 Resp: 481421
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.808 ng/u1
RT: 21.517 min Scan# 4169
Delta R.T. -0.009 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

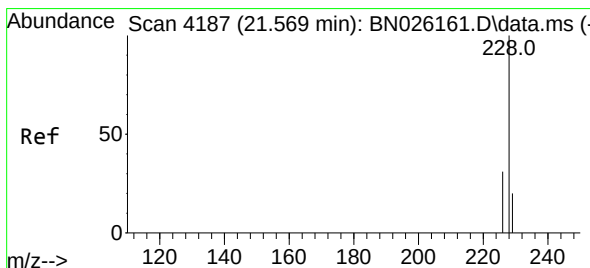
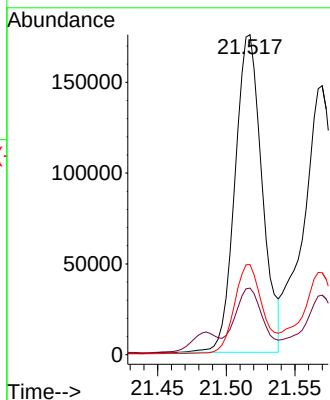
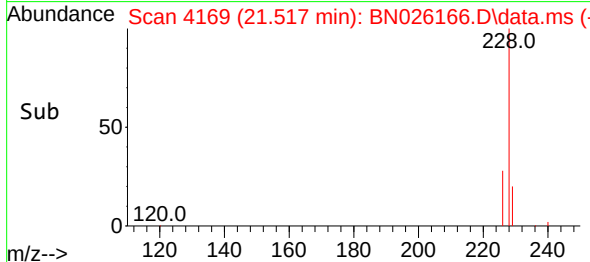
Instrument :
BNA_N
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Tgt Ion:228 Resp: 239997
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.1 22.5 33.7

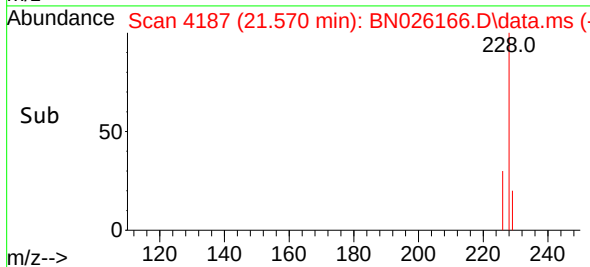
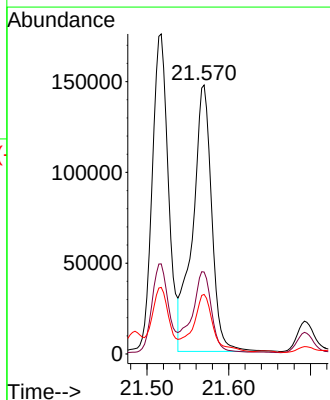
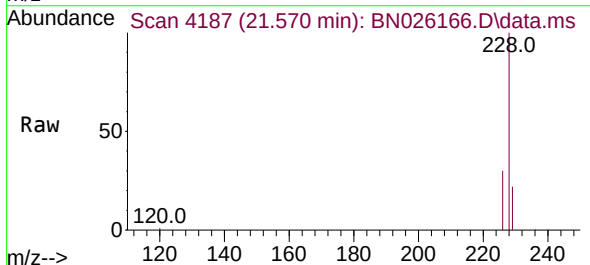
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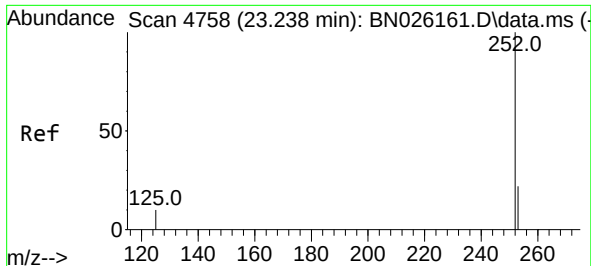
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 2.673 ng/u1
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

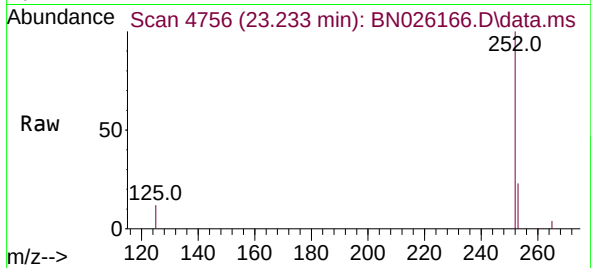
Tgt Ion:228 Resp: 237691
Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.471 ng/ul m
RT: 23.233 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

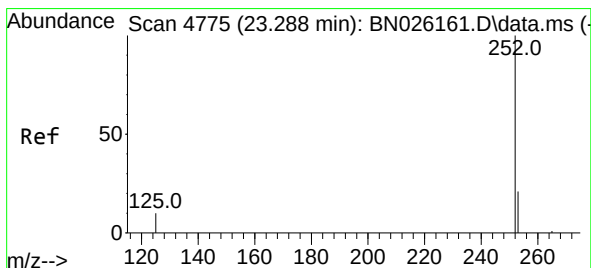
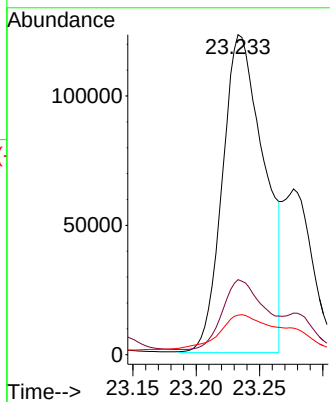
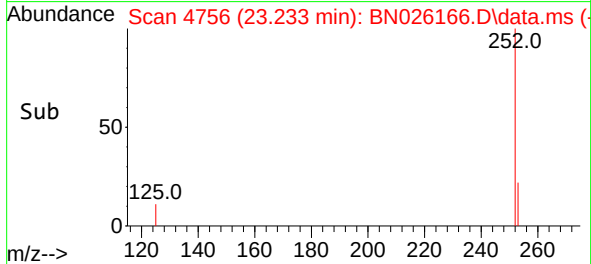
Instrument :
BNA_N
ClientSampleId :
DCGA3DL



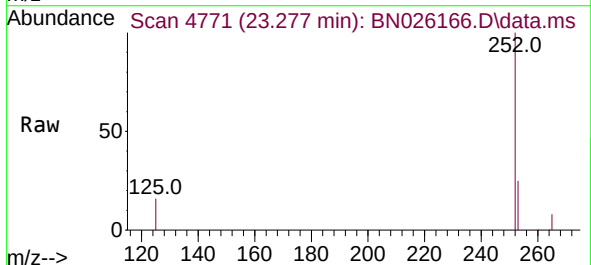
Tgt Ion:252 Resp: 28155
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 12.4 0.0 35.8

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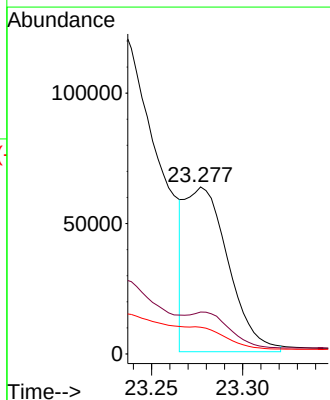
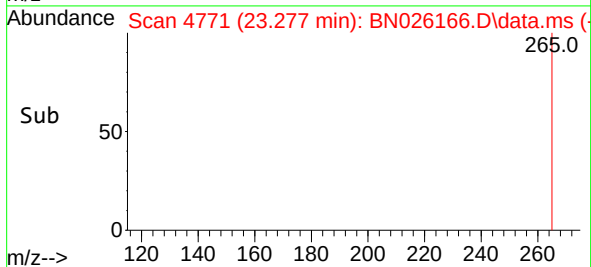
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

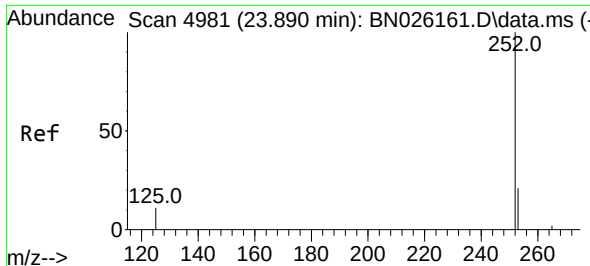


#25
Benzo(k)fluoranthene
Concen: 1.279 ng/ul m
RT: 23.277 min Scan# 4771
Delta R.T. -0.015 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33



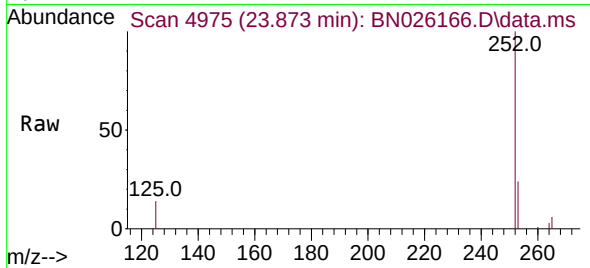
Tgt Ion:252 Resp: 104221
Ion Ratio Lower Upper
252 100
253 25.1 23.2 34.8
125 16.0 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.536 ng/ul
RT: 23.873 min Scan# 4981
Delta R.T. -0.012 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

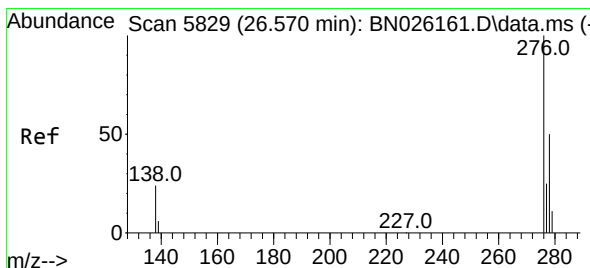
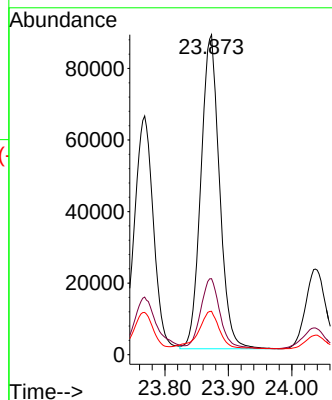
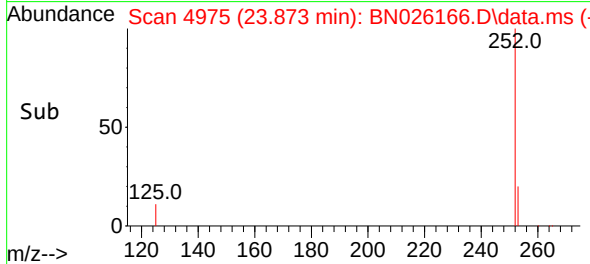
Instrument :
BNA_N
ClientSampleId :
DCGA3DL



Tgt Ion:252 Resp: 17868
Ion Ratio Lower Upper
252 100
253 23.8 26.0 39.0
125 13.5 17.3 25.9

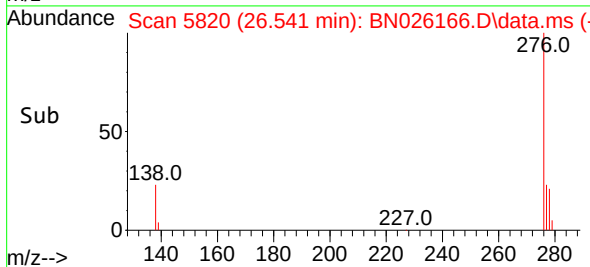
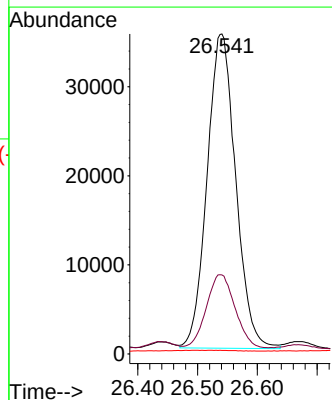
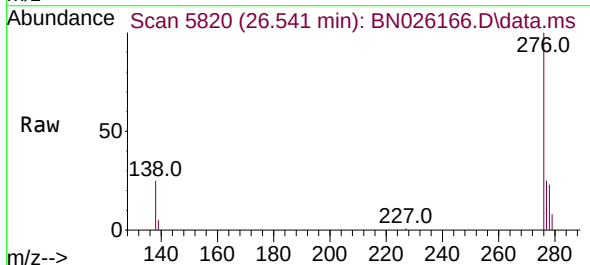
Manual Integrations
APPROVED

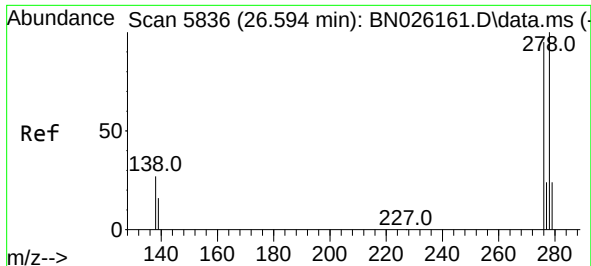
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.526 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.017 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

Tgt Ion:276 Resp: 117441
Ion Ratio Lower Upper
276 100
138 23.5 24.5 36.7
227 0.0 0.0 0.0





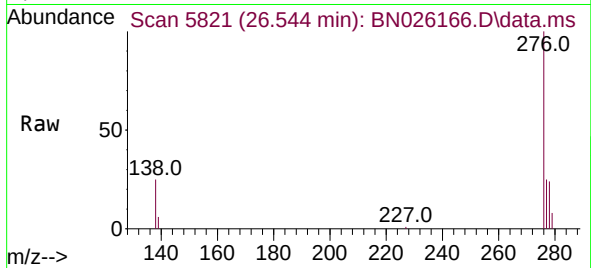
#28
Dibenzo(a,h)anthracene
Concen: 0.512 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. -0.034 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33

Instrument :

BNA_N

ClientSampleId :

DCGA3DL

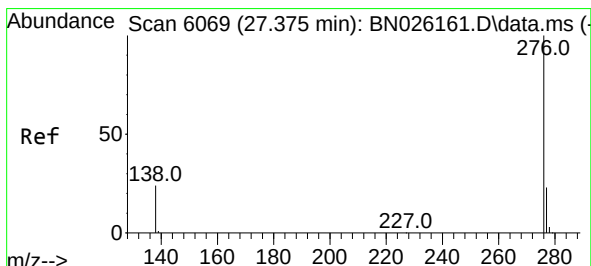
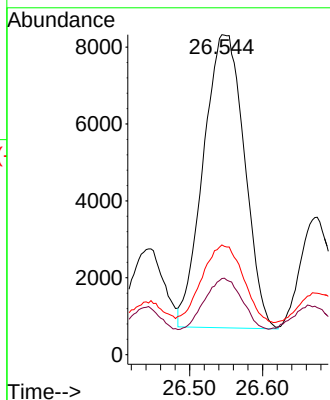
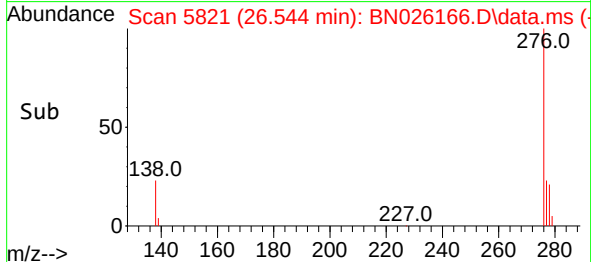


Tgt Ion:278 Resp: 29809
Ion Ratio Lower Upper
278 100
139 23.8 19.0 28.4
279 34.3 26.7 40.1

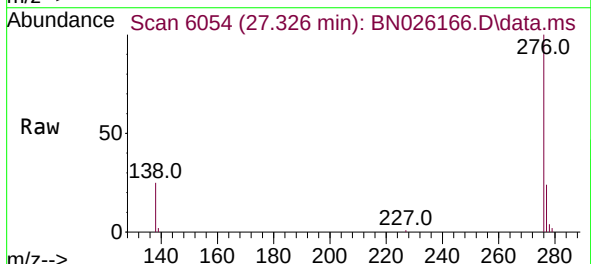
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.564 ng/ul
RT: 27.326 min Scan# 6054
Delta R.T. -0.021 min
Lab File: BN026166.D
Acq: 02 Jul 2023 00:33



Tgt Ion:276 Resp: 107049
Ion Ratio Lower Upper
276 100
138 24.9 23.4 35.0
277 24.4 20.0 30.0

