

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026076.D
 Acq On : 29 Jun 2023 02:32
 Operator : MA/JU
 Sample : 03142-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 03:27:04 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	8434	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	27138	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	28969	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	16630	0.400	ng/ul	# 0.00
23) Perylene-d12	23.989	264	17279	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	22783	2.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	6524	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	9934	0.157	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.829	128	12503	0.161	ng/ul	97
7) 2-Methylnaphthalene	12.441	142	7286	0.147	ng/ul	99
8) 1-Methylnaphthalene	12.655	142	5410	0.105	ng/ul	100
10) Acenaphthylene	14.329	152	11299	0.153	ng/ul#	96
11) Acenaphthene	14.667	153	6661	0.110	ng/ul	99
12) Fluorene	15.652	166	5504	0.079	ng/ul#	97
15) Phenanthrene	17.393	178	145373	1.519	ng/ul	99
16) Anthracene	17.486	178	19428	0.228	ng/ul	96
19) Fluoranthene	19.409	202	354301	3.989	ng/ul	97
20) Pyrene	19.772	202	274137	2.967	ng/ul	95
21) Benzo(a)anthracene	21.519	228	122533	1.786	ng/ul	97
22) Chrysene	21.572	228	158654	2.223	ng/ul	97
24) Benzo(b)fluoranthene	23.238	252	249923m	3.389	ng/ul	
25) Benzo(k)fluoranthene	23.279	252	76639m	1.035	ng/ul	
26) Benzo(a)pyrene	23.881	252	148215	2.314	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.553	276	127498	1.822	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.557	278	30758	0.581	ng/ul	95
29) Benzo(g,h,i)perylene	27.338	276	127708	2.052	ng/ul	96

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

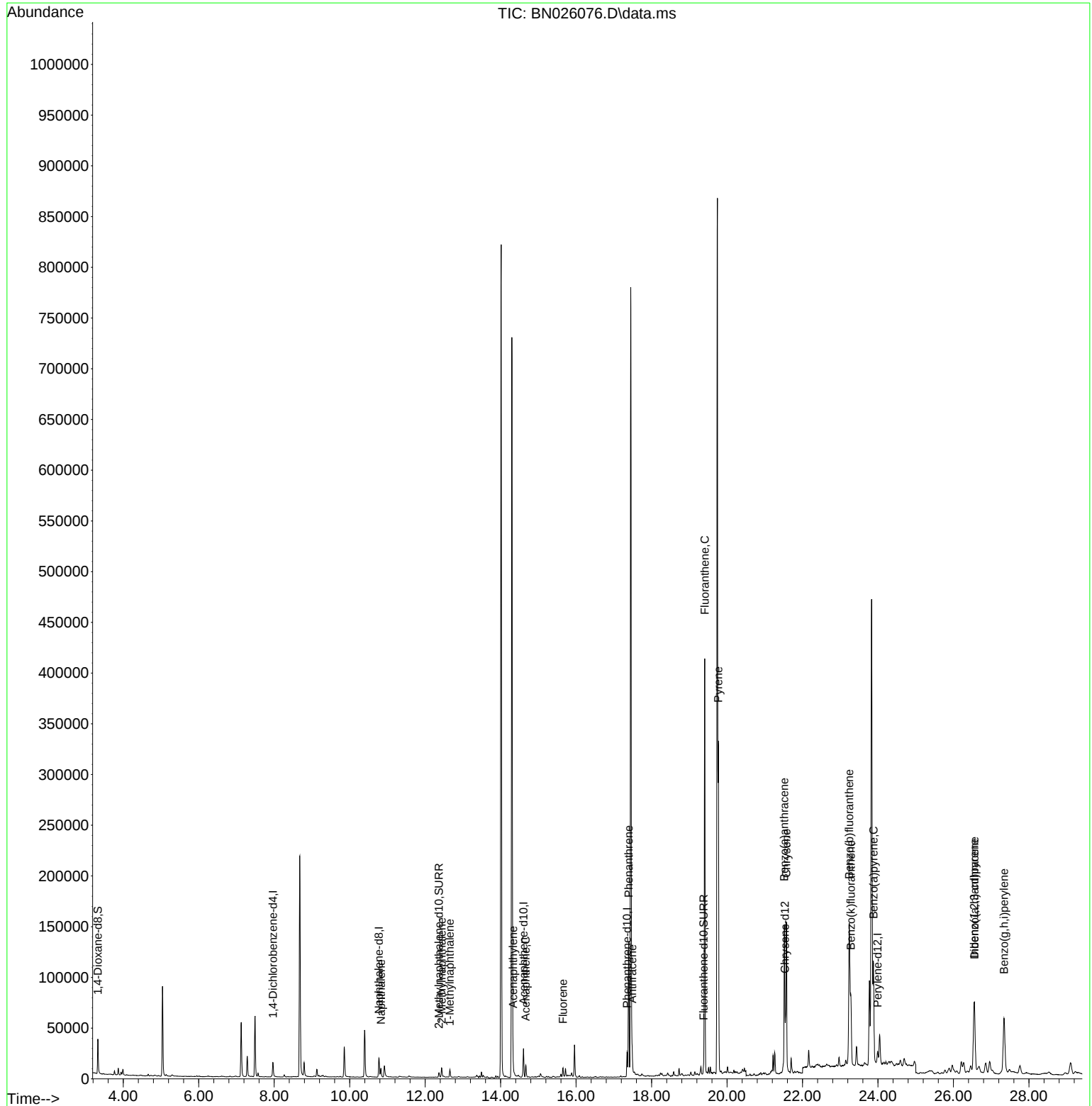
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026076.D
Acq On : 29 Jun 2023 02:32
Operator : MA/JU
Sample : 03142-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

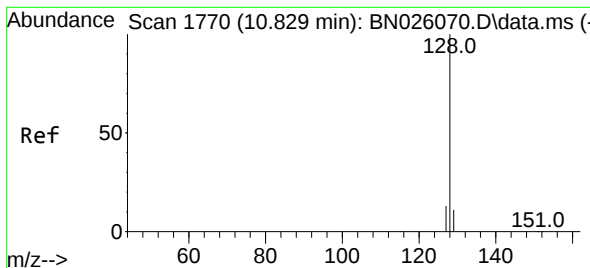
Instrument :
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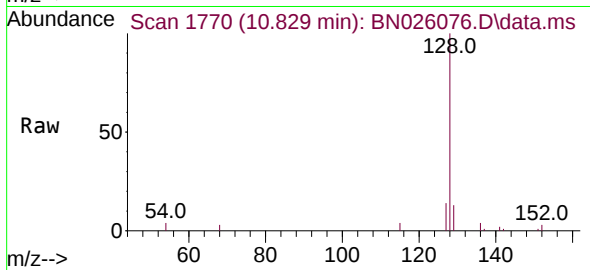
Quant Time: Jun 29 03:27:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.161 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

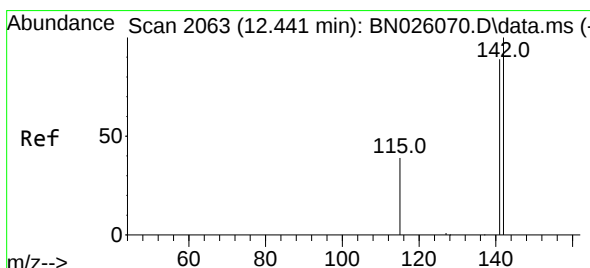
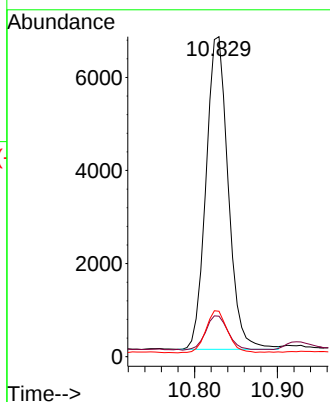
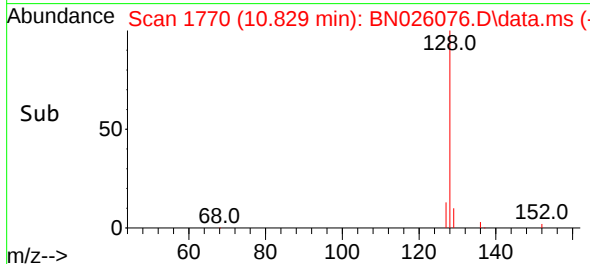
Instrument :
BNA_N
ClientSampleId :
DCFS6



Tgt Ion:128 Resp: 1250
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.2 10.7 16.1

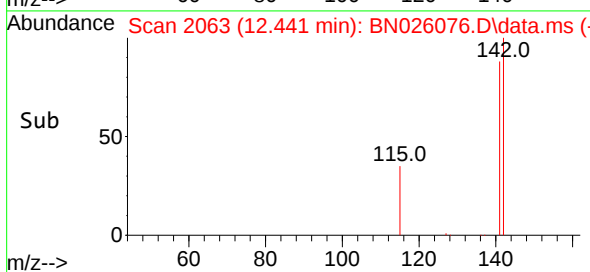
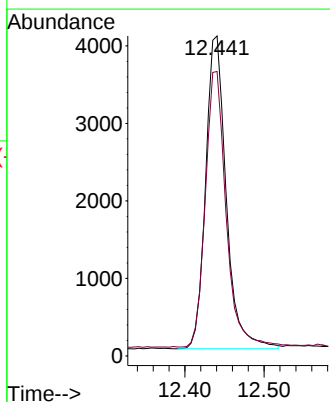
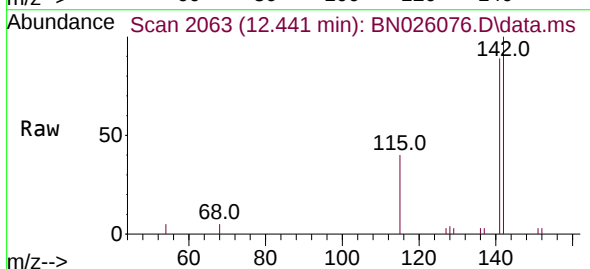
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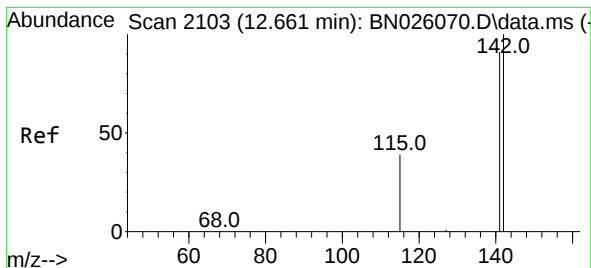
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.147 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

Tgt Ion:142 Resp: 7286
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.105 ng/ul

RT: 12.655 min Scan# 2102

Delta R.T. -0.007 min

Lab File: BN026076.D

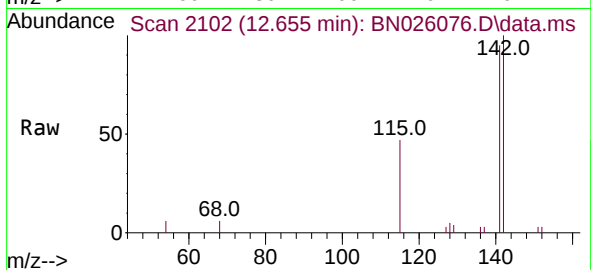
Acq: 29 Jun 2023 02:32

Instrument :

BNA_N

ClientSampleId :

DCFS6



Tgt Ion:142 Resp: 5410

Ion Ratio Lower Upper

142 100

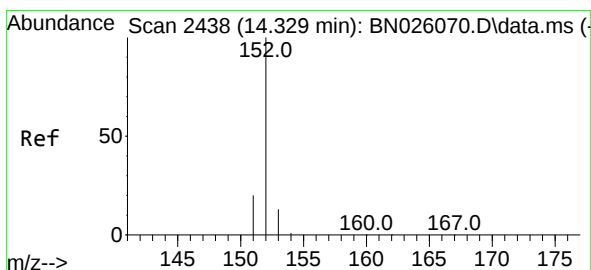
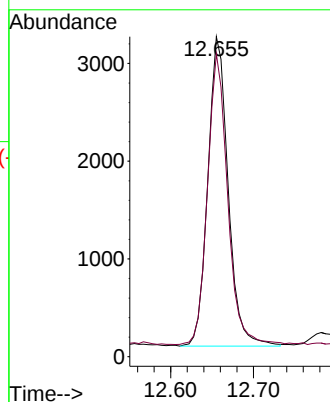
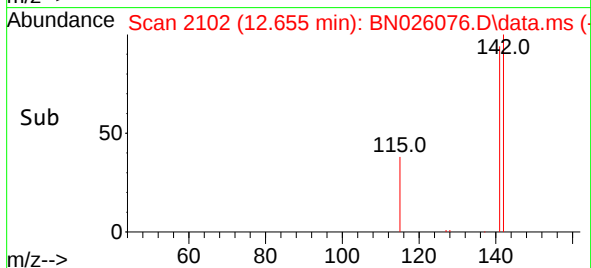
141 92.8 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/30/2023



#10

Acenaphthylene

Concen: 0.153 ng/ul

RT: 14.329 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BN026076.D

Acq: 29 Jun 2023 02:32

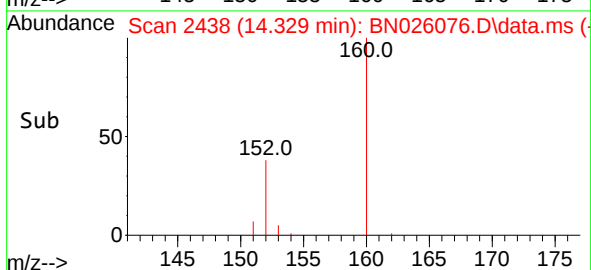
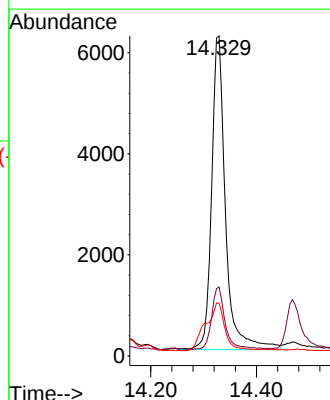
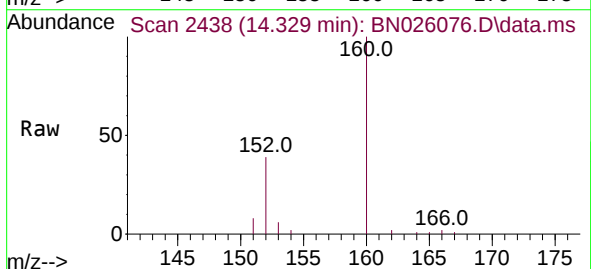
Tgt Ion:152 Resp: 11299

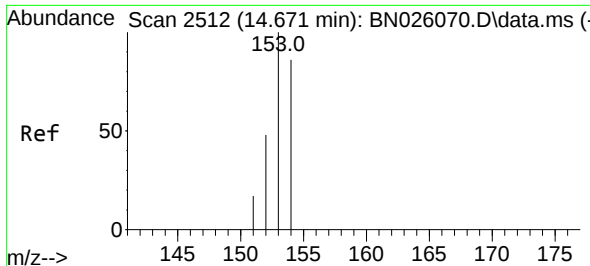
Ion Ratio Lower Upper

152 100

151 21.6 16.2 24.4

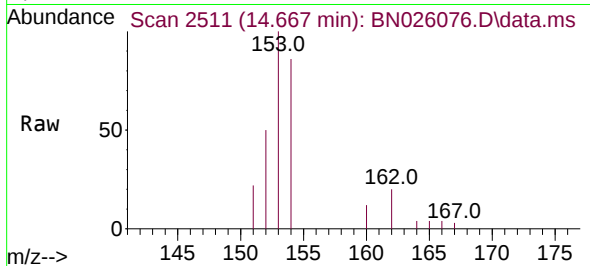
153 16.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.110 ng/u1
RT: 14.667 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

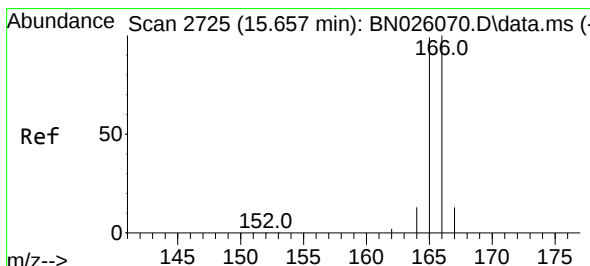
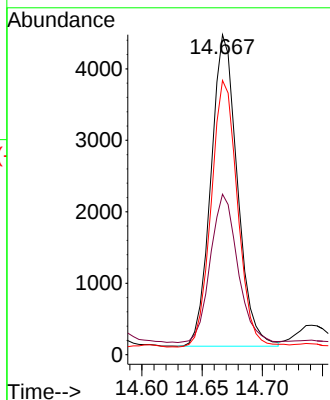
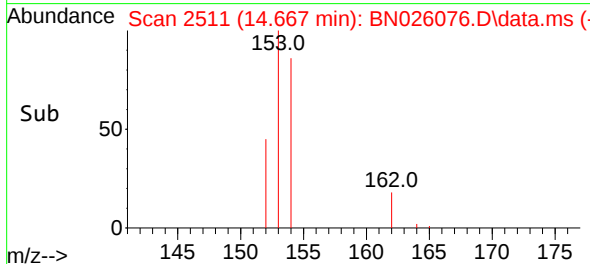
Instrument :
BNA_N
ClientSampleId :
DCFS6



Tgt Ion:153 Resp: 666
Ion Ratio Lower Upper
153 100
152 50.2 39.4 59.0
154 85.7 68.9 103.3

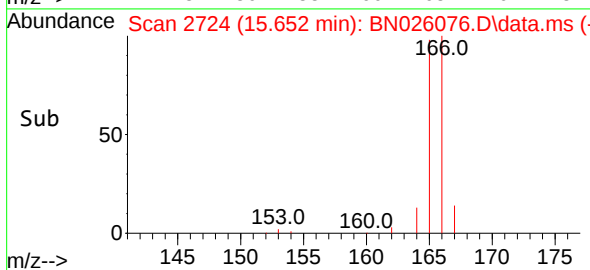
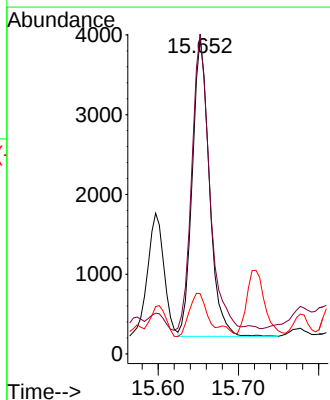
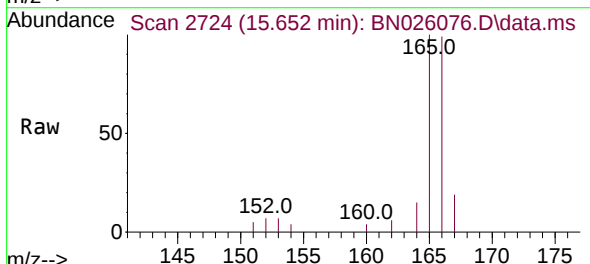
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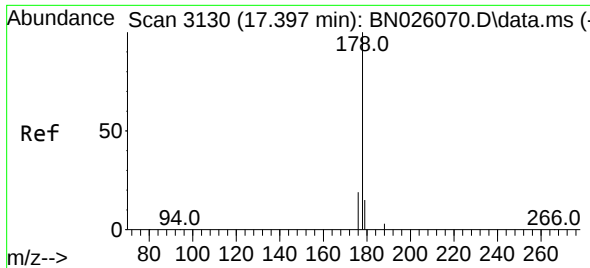
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.079 ng/u1
RT: 15.652 min Scan# 2724
Delta R.T. -0.010 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

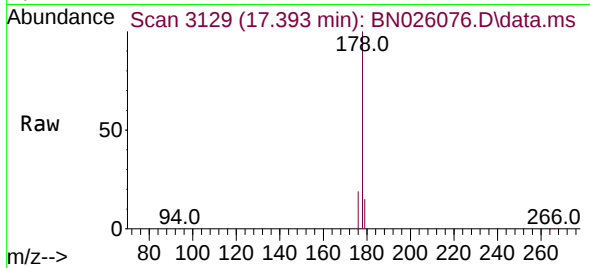
Tgt Ion:166 Resp: 5504
Ion Ratio Lower Upper
166 100
165 101.2 79.9 119.9
167 19.1 10.8 16.2#





#15
Phenanthrene
Concen: 1.519 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

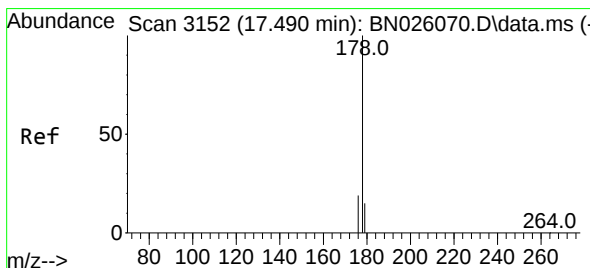
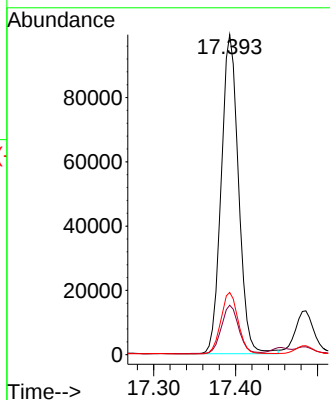
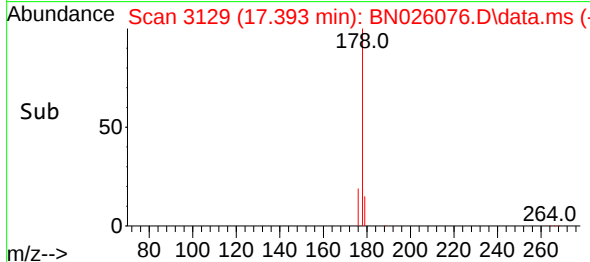
Instrument :
BNA_N
ClientSampleId :
DCFS6



Tgt Ion:178 Resp: 14537
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6

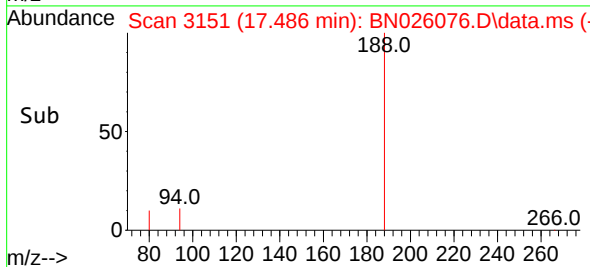
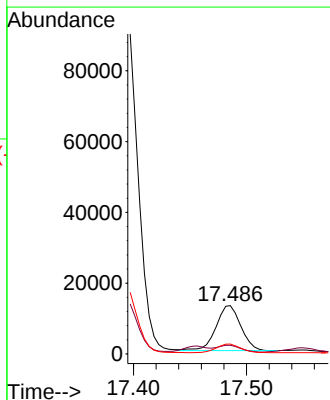
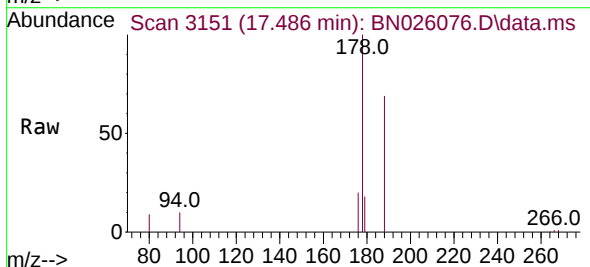
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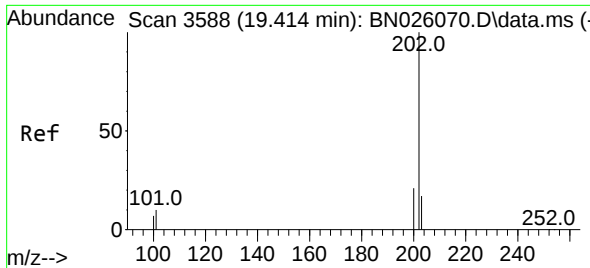
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.228 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

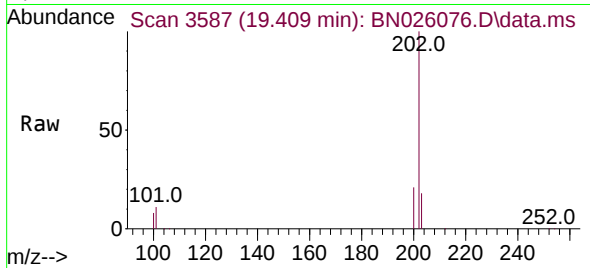
Tgt Ion:178 Resp: 19428
Ion Ratio Lower Upper
178 100
179 18.0 12.6 18.8
176 20.4 15.1 22.7





#19
Fluoranthene
Concen: 3.989 ng/u1
RT: 19.409 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

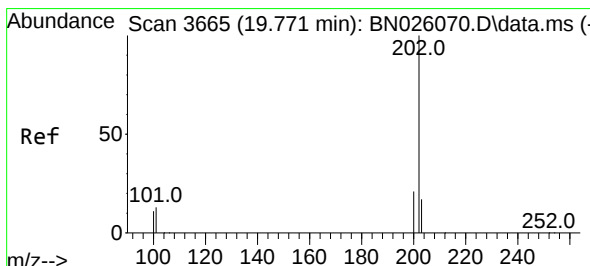
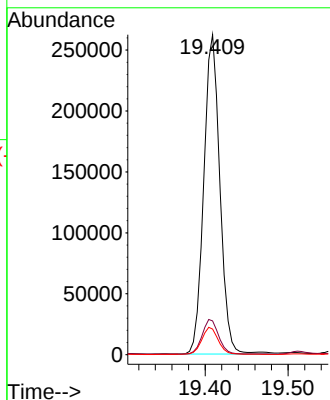
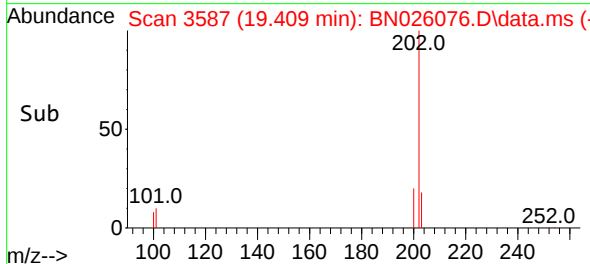
Instrument :
BNA_N
ClientSampleId :
DCFS6



Tgt Ion:202 Resp: 35430
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.0 7.3 10.9

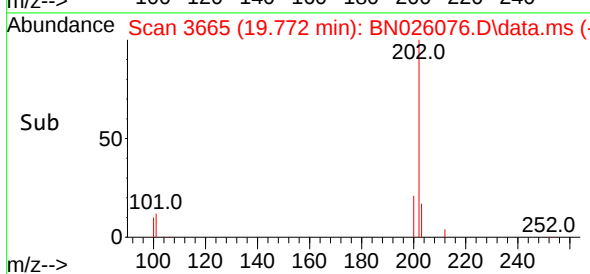
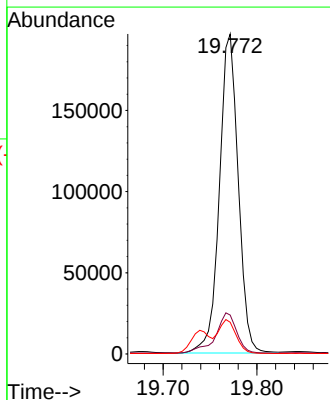
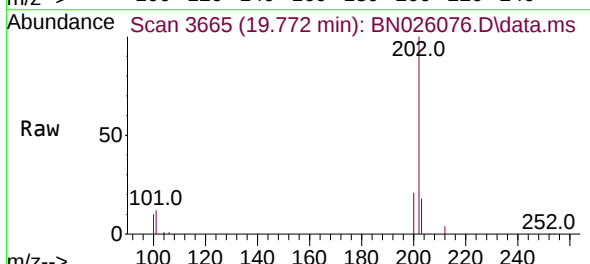
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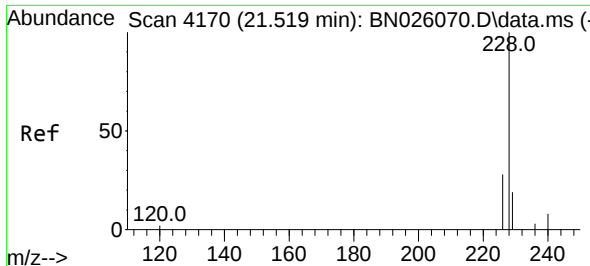
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 2.967 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

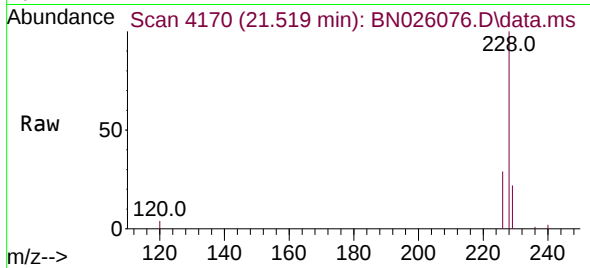
Tgt Ion:202 Resp: 274137
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.786 ng/u1
RT: 21.519 min Scan# 4170
Delta R.T. -0.010 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

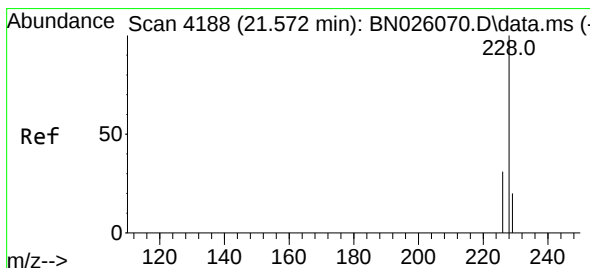
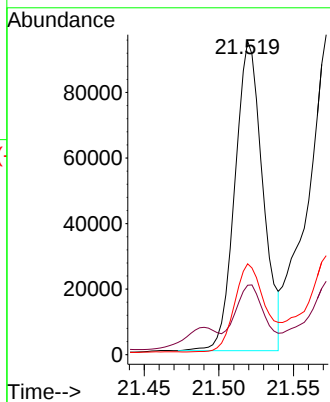
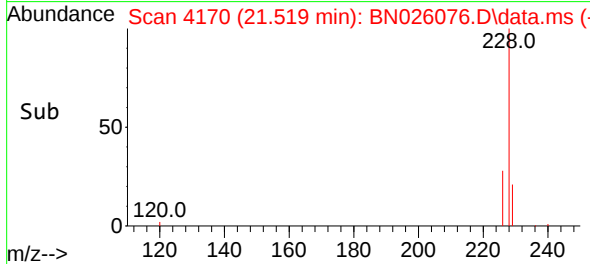
Instrument :
BNA_N
ClientSampleId :
DCFS6



Tgt Ion:228 Resp: 122533
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.0 22.5 33.7

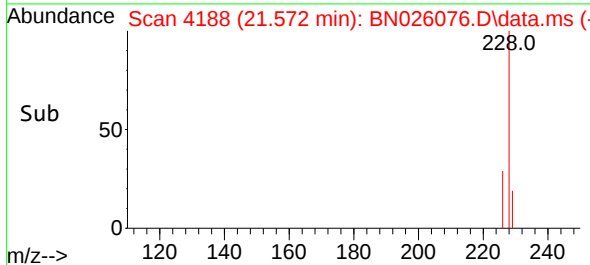
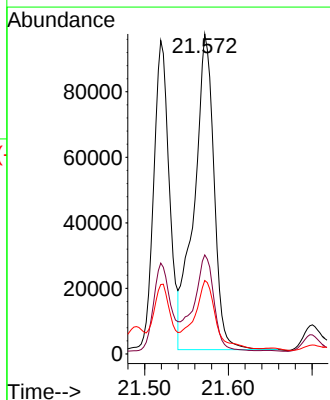
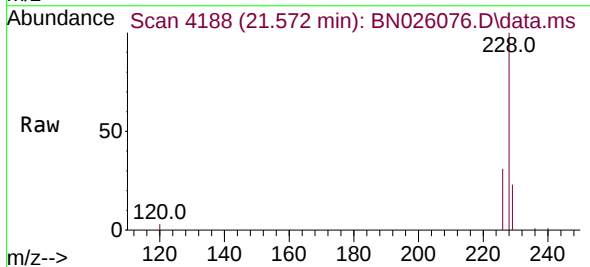
Manual Integrations
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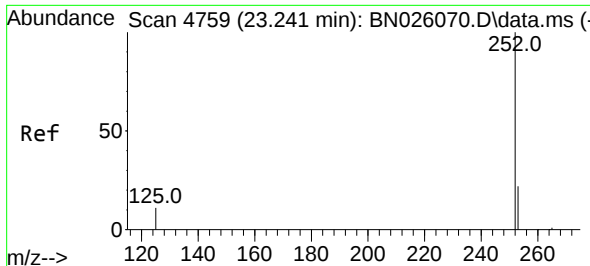
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 2.223 ng/u1
RT: 21.572 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

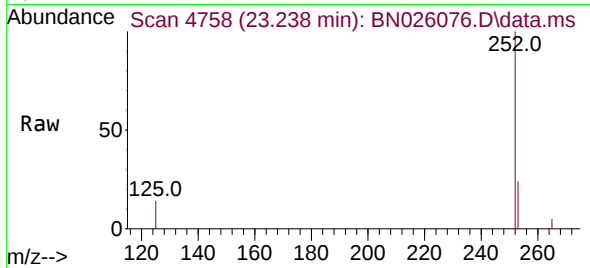
Tgt Ion:228 Resp: 158654
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.389 ng/ul m
RT: 23.238 min Scan# 4758
Delta R.T. -0.015 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

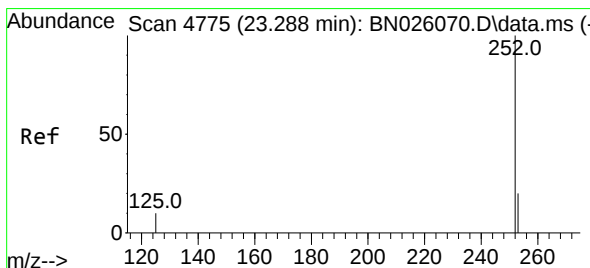
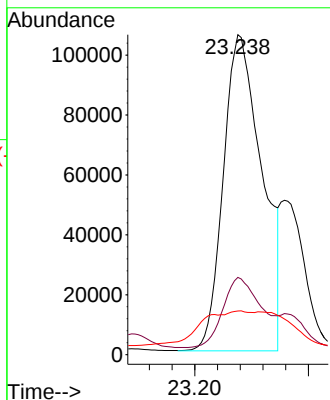
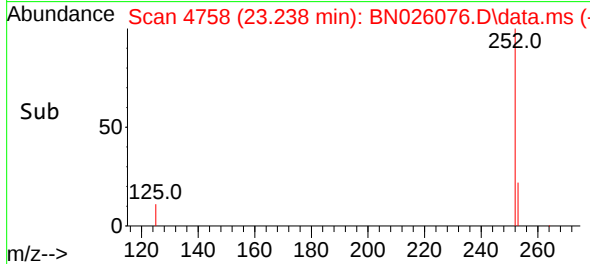
Instrument :
BNA_N
ClientSampleId :
DCFS6



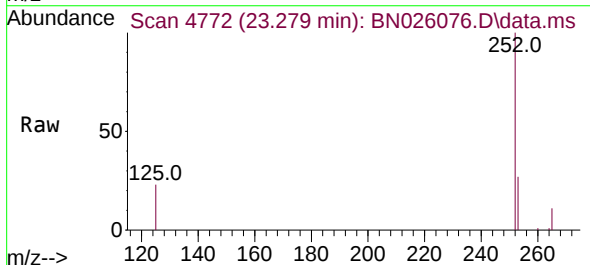
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Ion Ratio Lower Upper
252 100
253 24.1 0.0 55.6
125 13.7 0.0 35.8

Manual Integrations
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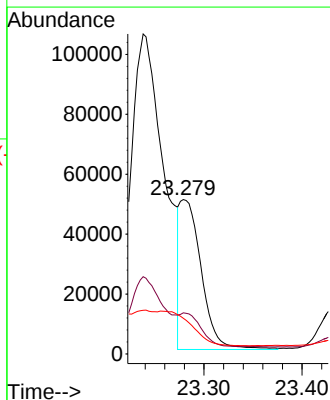
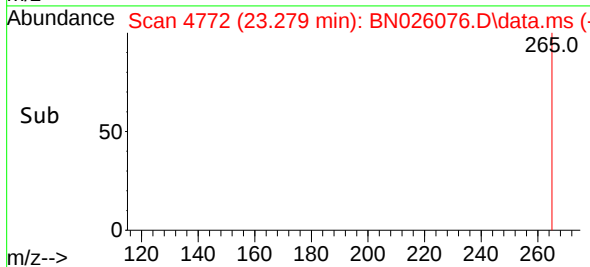
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

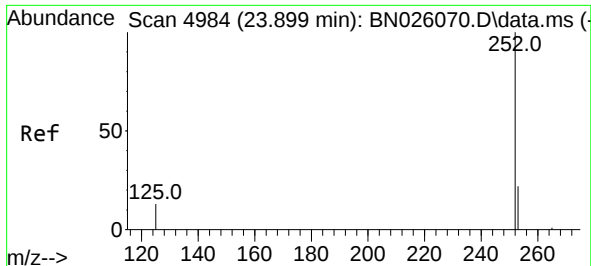


#25
Benzo(k)fluoranthene
Concen: 1.035 ng/ul m
RT: 23.279 min Scan# 4772
Delta R.T. -0.024 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32



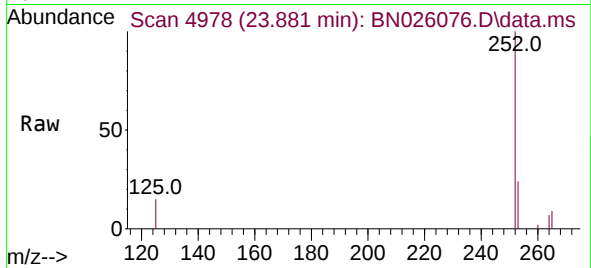
Tgt Ion:252 Resp: 76639
Ion Ratio Lower Upper
252 100
253 26.7 23.2 34.8
125 23.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 2.314 ng/ul
RT: 23.881 min Scan# 4984
Delta R.T. -0.024 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

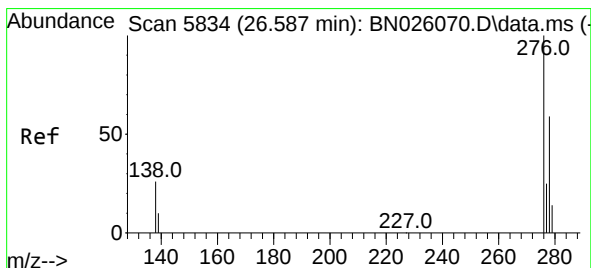
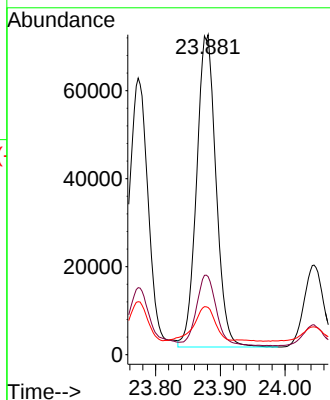
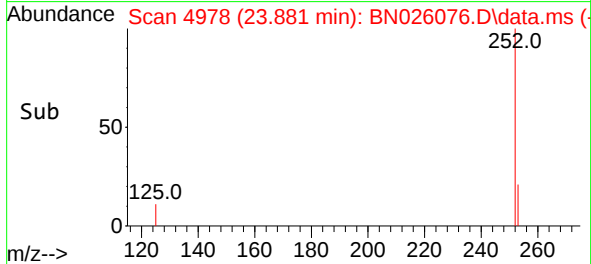
Instrument :
BNA_N
ClientSampleId :
DCFS6



Tgt Ion:252 Resp: 148215
Ion Ratio Lower Upper
252 100
253 24.4 26.0 39.0
125 14.8 17.3 25.9

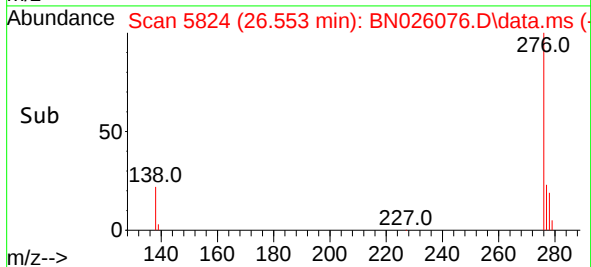
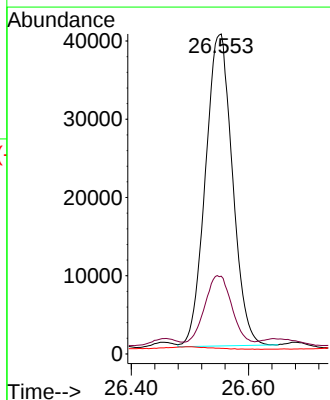
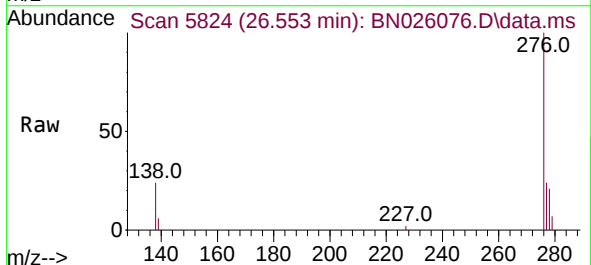
Manual Integrations
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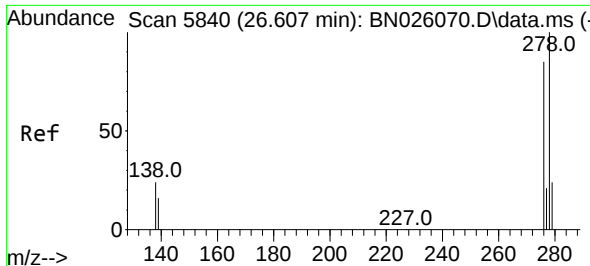
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.822 ng/ul
RT: 26.553 min Scan# 5824
Delta R.T. -0.041 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

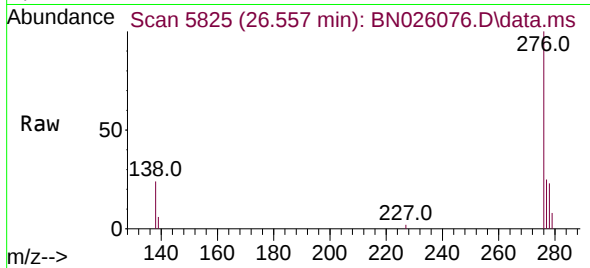
Tgt Ion:276 Resp: 127498
Ion Ratio Lower Upper
276 100
138 21.2 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.581 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.058 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32

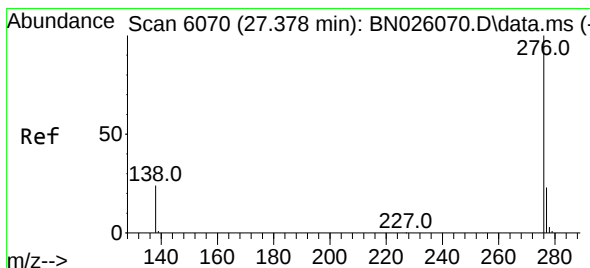
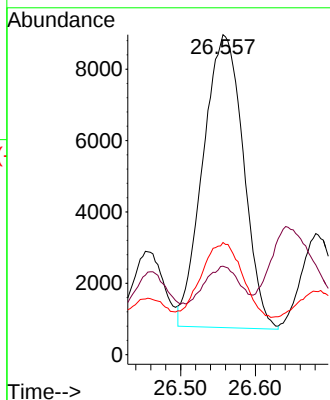
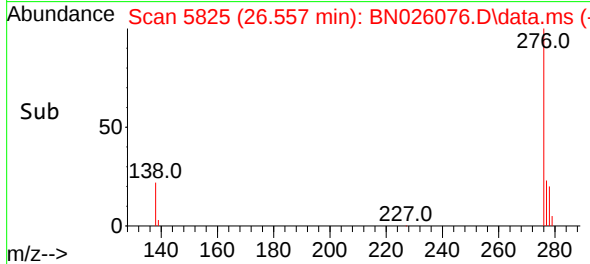
Instrument :
BNA_N
ClientSampleId :
DCFS6



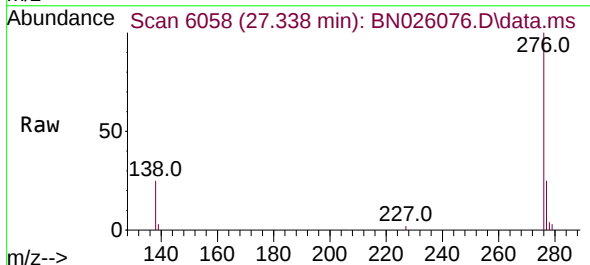
Tgt Ion:278 Resp: 30758
Ion Ratio Lower Upper
278 100
139 27.6 19.0 28.4
279 35.1 26.7 40.1

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Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 2.052 ng/ul
RT: 27.338 min Scan# 6058
Delta R.T. -0.048 min
Lab File: BN026076.D
Acq: 29 Jun 2023 02:32



Tgt Ion:276 Resp: 127708
Ion Ratio Lower Upper
276 100
138 25.4 23.4 35.0
277 24.6 20.0 30.0

