

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026092.D
 Acq On : 29 Jun 2023 13:36
 Operator : MA/JU
 Sample : 03142-13DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT0DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:43:34 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	7840	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	26575	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15825	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	31453	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17656	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	16324	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4569	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1321	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	2497	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	8586	0.113	ng/ul	98
7) 2-Methylnaphthalene	12.442	142	1752	0.036	ng/ul	98
10) Acenaphthylene	14.325	152	10240	0.138	ng/ul	98
12) Fluorene	15.653	166	1676	0.024	ng/ul#	94
15) Phenanthrene	17.393	178	24844	0.239	ng/ul	99
16) Anthracene	17.486	178	16166	0.175	ng/ul	98
19) Fluoranthene	19.410	202	70181	0.744	ng/ul	99
20) Pyrene	19.768	202	73221	0.746	ng/ul	98
21) Benzo(a)anthracene	21.520	228	58886	0.808	ng/ul	97
22) Chrysene	21.573	228	92309	1.218	ng/ul	99
24) Benzo(b)fluoranthene	23.236	252	147822m	2.122	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	46321m	0.662	ng/ul	
26) Benzo(a)pyrene	23.873	252	77123	1.274	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.544	276	63840	0.966	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.554	278	15504	0.310	ng/ul	94
29) Benzo(g,h,i)perylene	27.336	276	59805	1.017	ng/ul	97

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

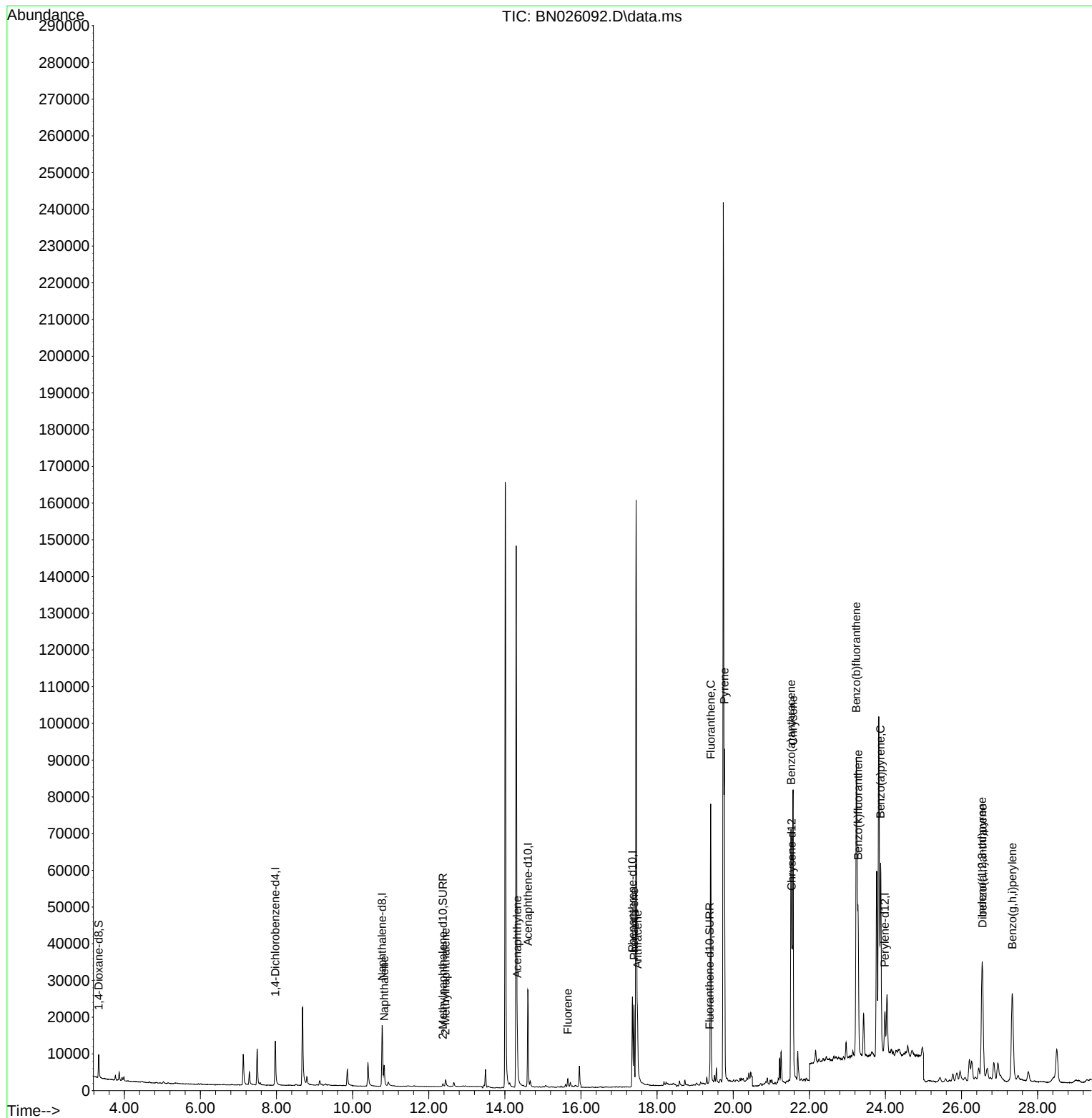
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026092.D
Acq On : 29 Jun 2023 13:36
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Sample : 03142-13DL 5X
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ALS Vial : 13 Sample Multiplier: 1

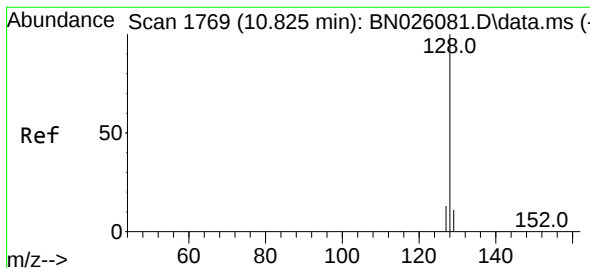
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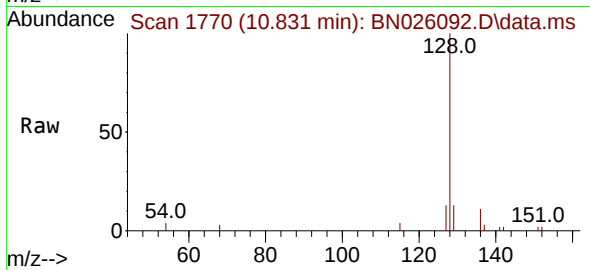
Quant Time: Jun 30 00:43:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.113 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

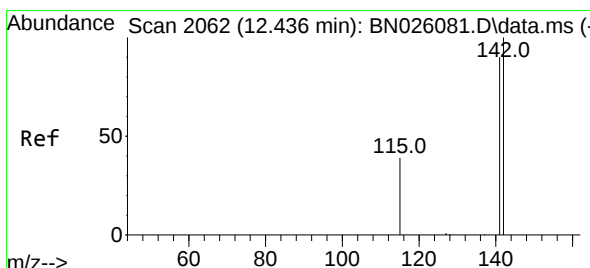
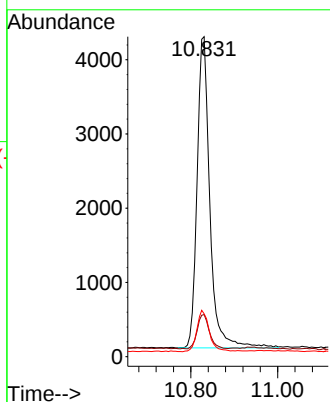
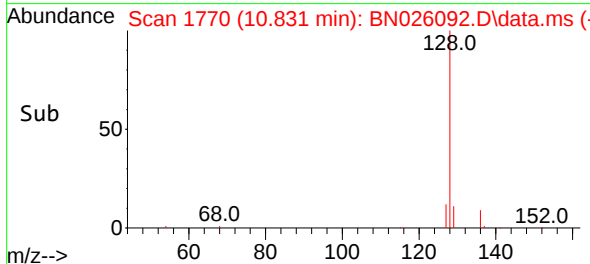
Instrument :
BNA_N
ClientSampleId :
DCFT0DL



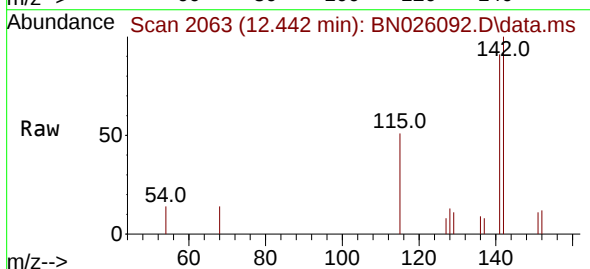
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Ion Ratio Lower Upper
128 100
129 13.2 9.1 13.7
127 13.4 10.7 16.1

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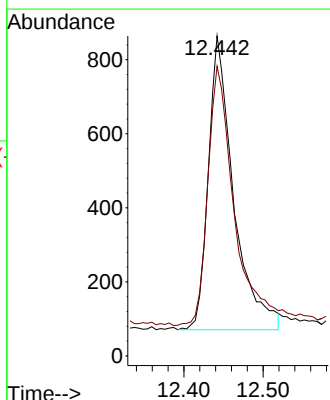
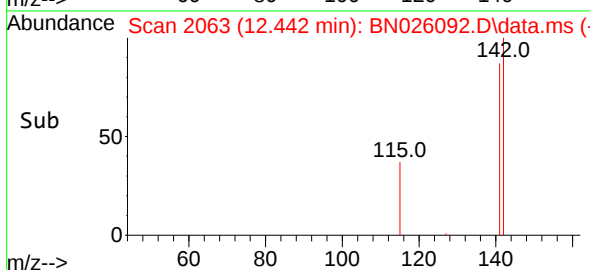
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

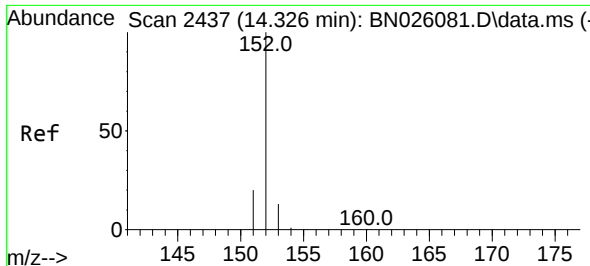


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36



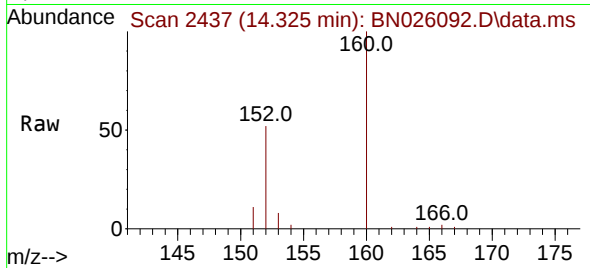
Tgt Ion:142 Resp: 1752
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9





#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

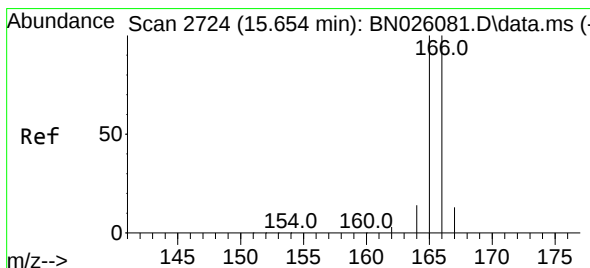
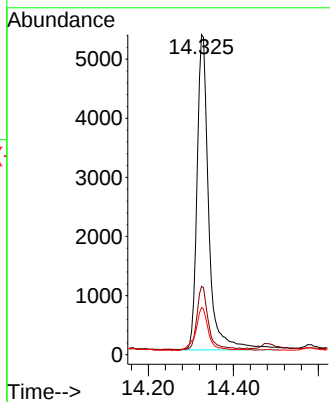
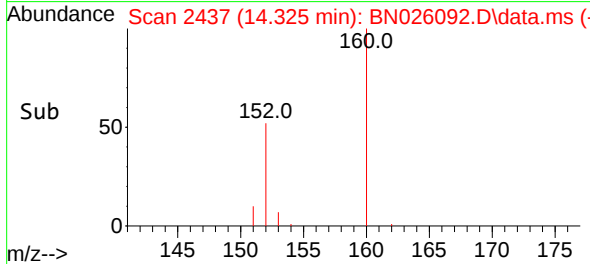
Instrument :
BNA_N
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Tgt Ion:152 Resp: 10240
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 14.7 10.9 16.3

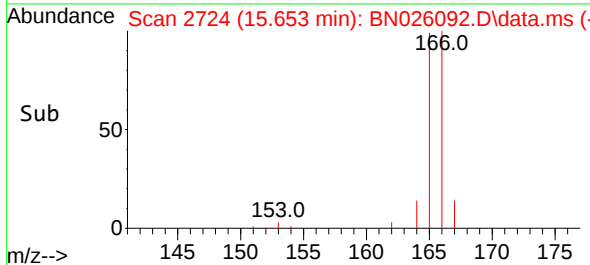
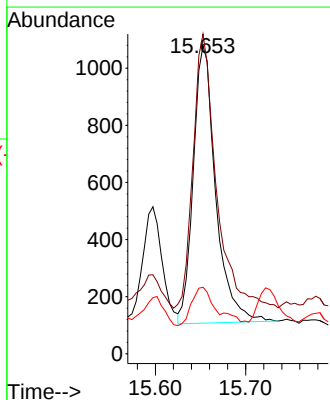
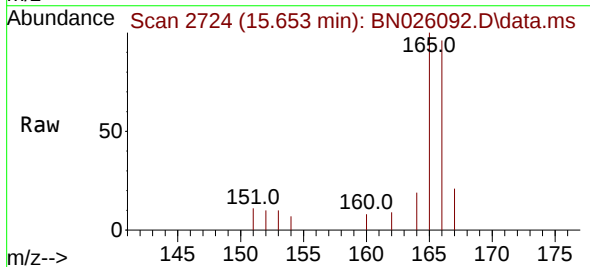
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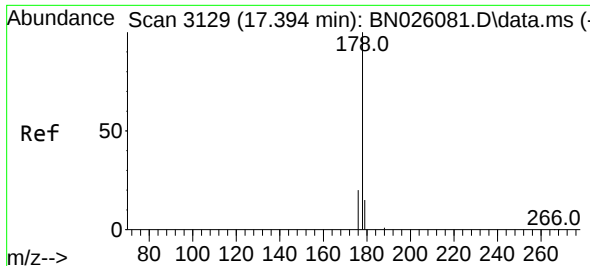
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

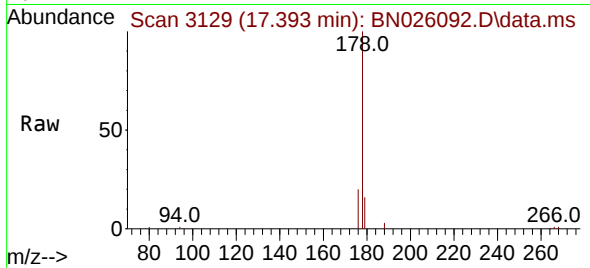
Tgt Ion:166 Resp: 1676
Ion Ratio Lower Upper
166 100
165 103.9 79.9 119.9
167 21.6 10.8 16.2#





#15
Phenanthrene
Concen: 0.239 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

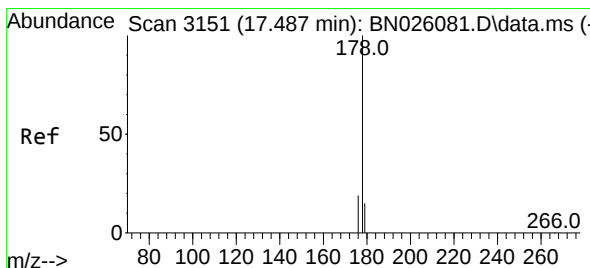
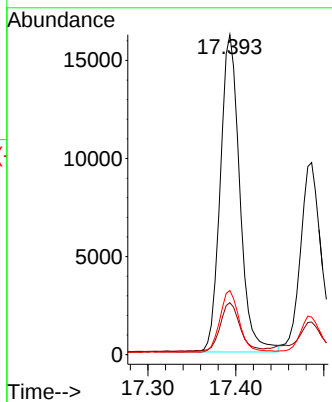
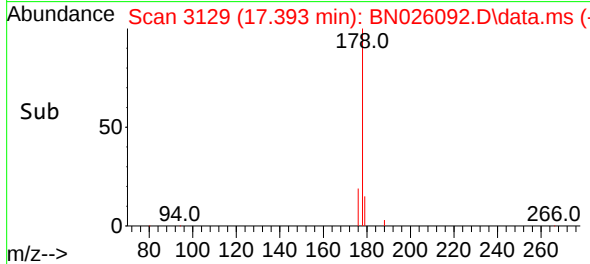
Instrument :
BNA_N
ClientSampleId :
DCFT0DL



Tgt Ion:178 Resp: 24844
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.0 15.8 23.6

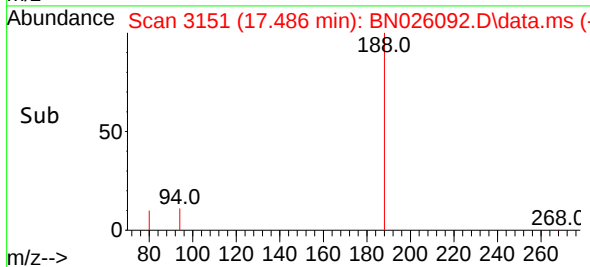
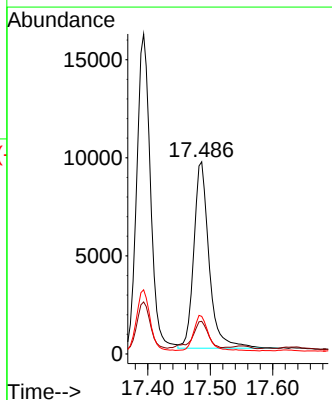
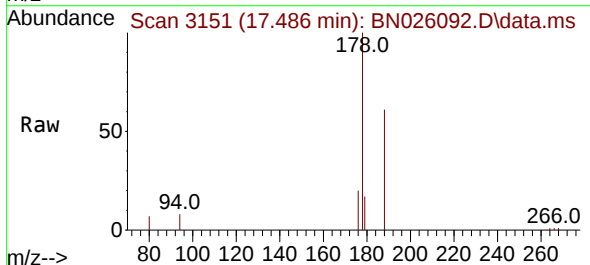
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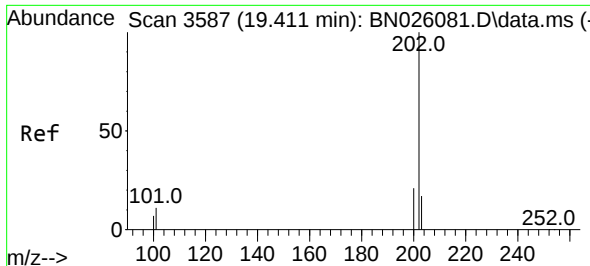
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.175 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:178 Resp: 16166
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.6 15.1 22.7





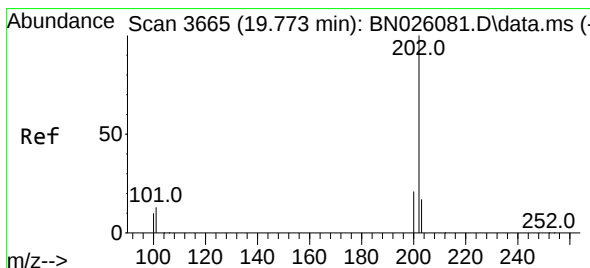
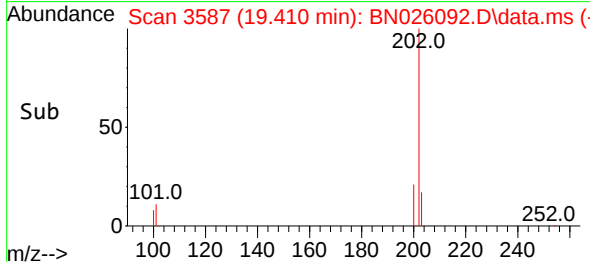
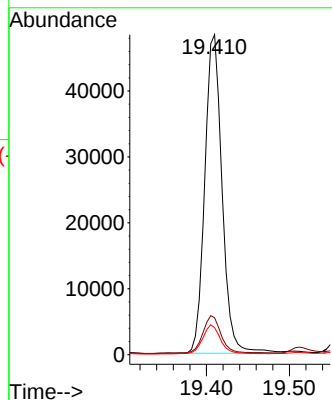
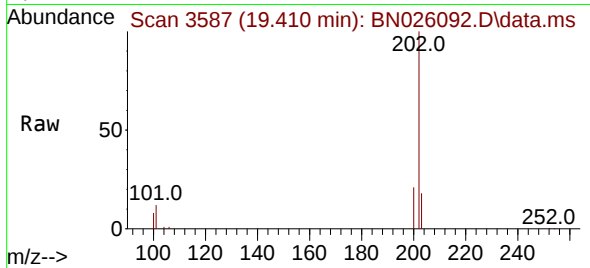
#19
Fluoranthene
Concen: 0.744 ng/u1
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:202 Resp: 7018
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.5 7.3 10.9

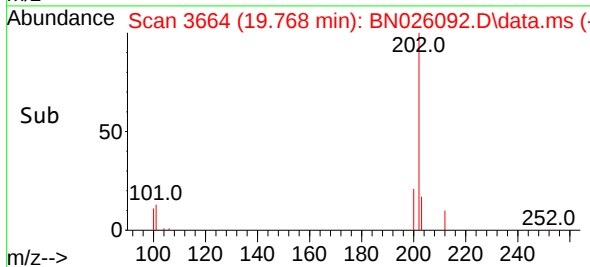
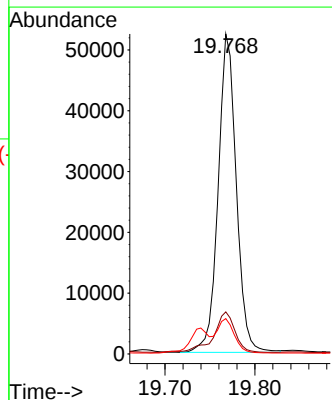
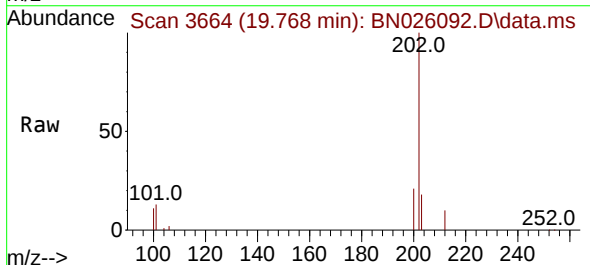
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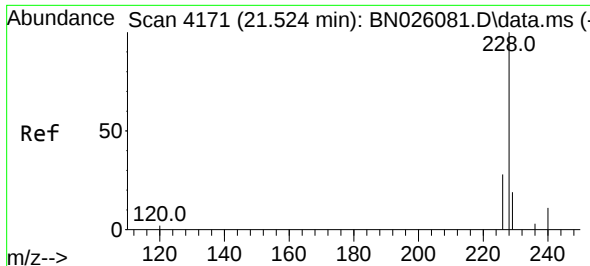
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 0.746 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

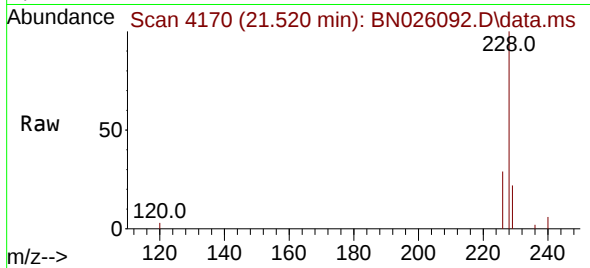
Tgt Ion:202 Resp: 73221
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.808 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

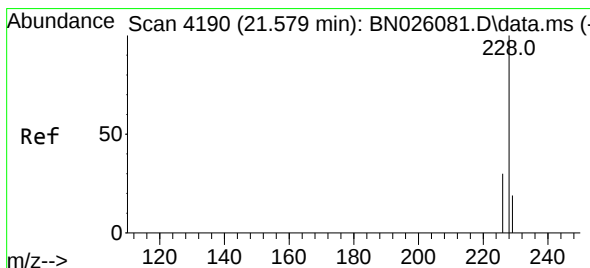
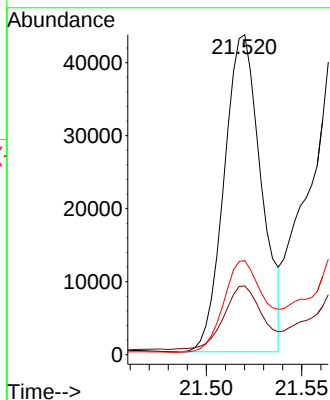
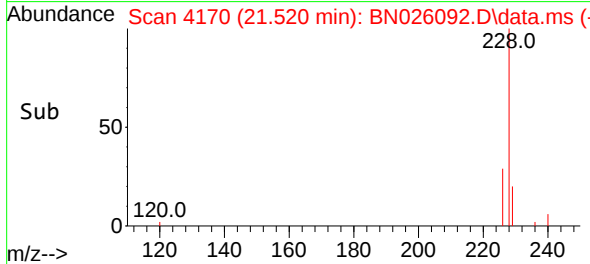
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 58880
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.4 22.5 33.7

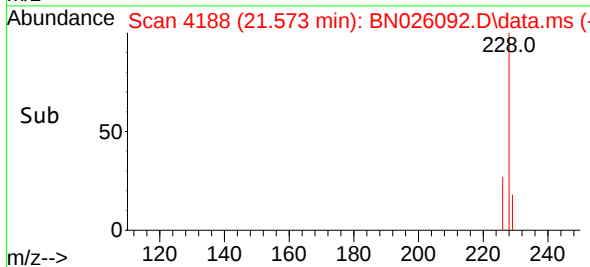
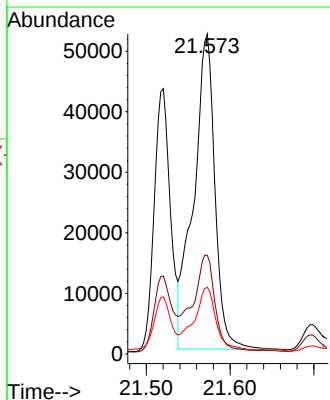
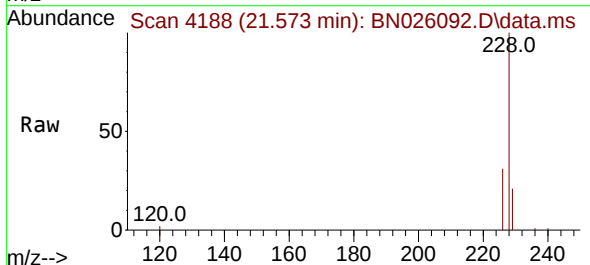
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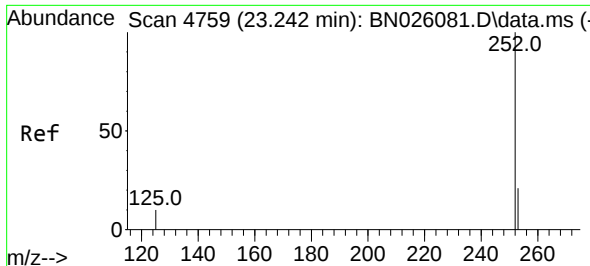
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 1.218 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

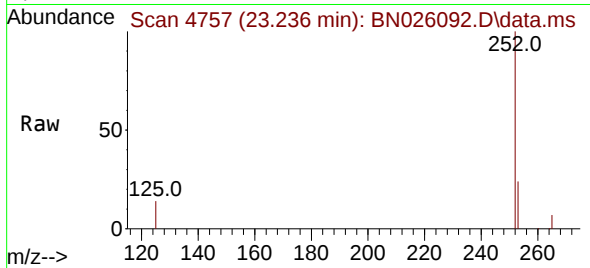
Tgt Ion:228 Resp: 92309
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 20.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.122 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.017 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

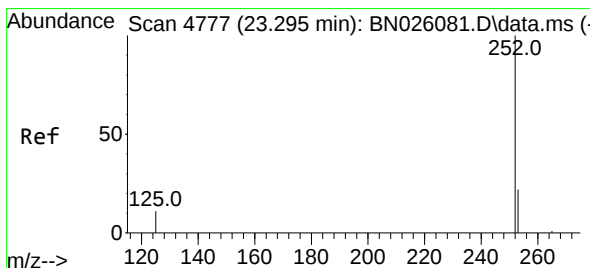
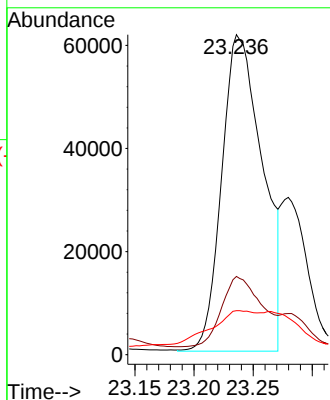
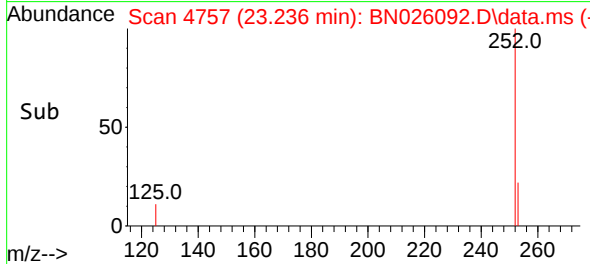
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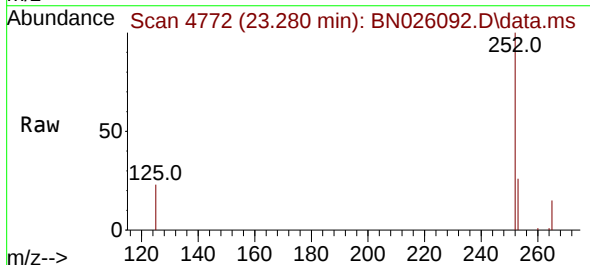
Tgt Ion:252 Resp: 14782
Ion Ratio Lower Upper
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253 24.4 0.0 55.6
125 13.7 0.0 35.8

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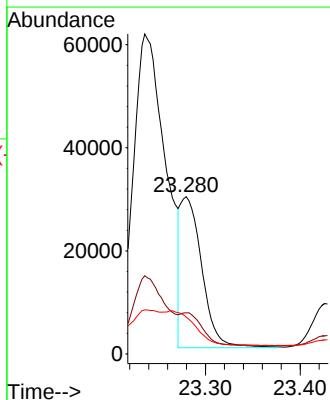
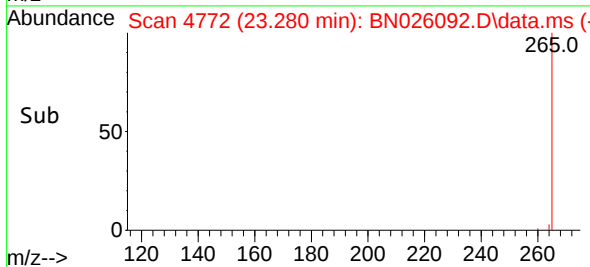
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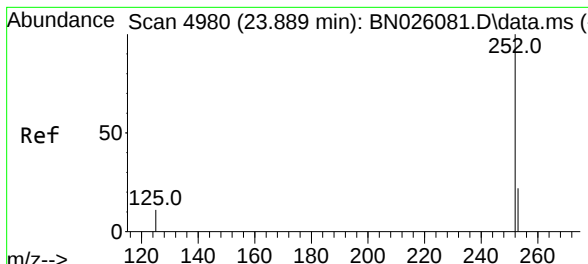


#25
Benzo(k)fluoranthene
Concen: 0.662 ng/ul m
RT: 23.280 min Scan# 4772
Delta R.T. -0.023 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36



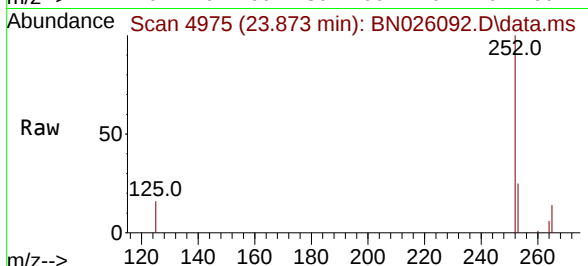
Tgt Ion:252 Resp: 46321
Ion Ratio Lower Upper
252 100
253 26.1 23.2 34.8
125 23.4 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.274 ng/ul
RT: 23.873 min Scan# 4980
Delta R.T. -0.032 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

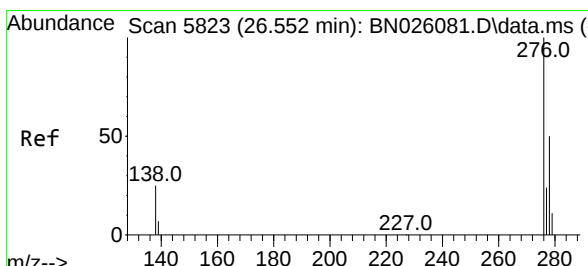
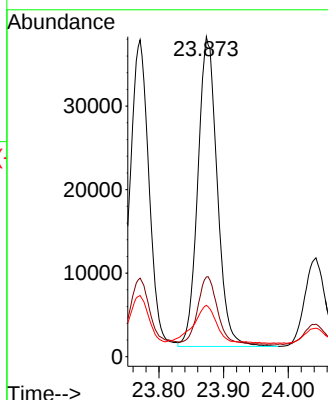
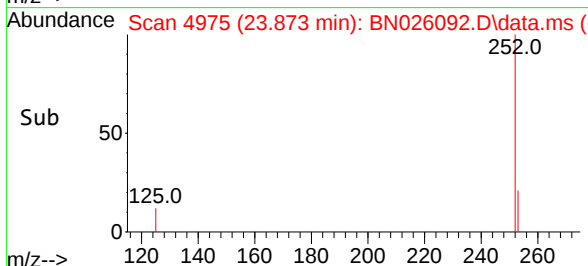
Instrument :
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ClientSampleId :
DCFT0DL



Tgt Ion:252 Resp: 77123
Ion Ratio Lower Upper
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253 24.9 26.0 39.0#
125 16.1 17.3 25.9#

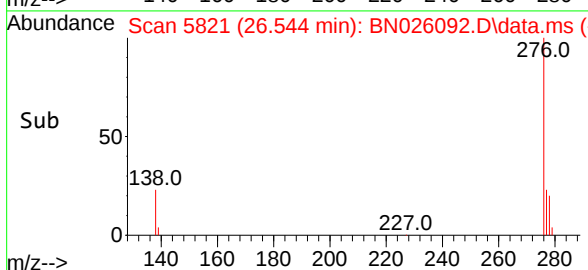
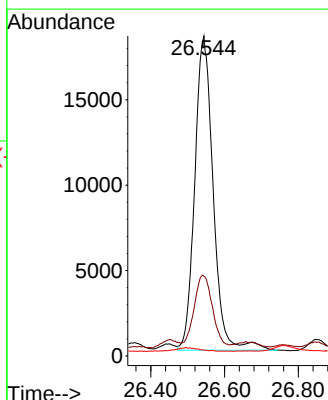
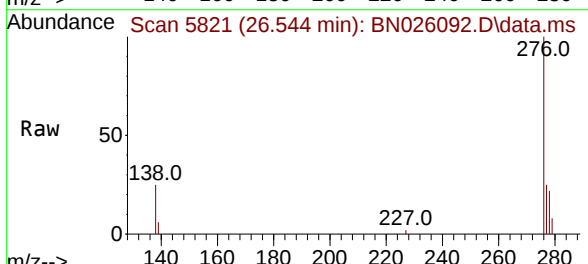
Manual Integrations
APPROVED

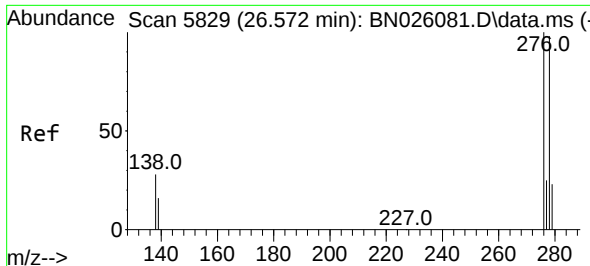
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.966 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. -0.050 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:276 Resp: 63840
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7#
227 0.0 0.0 0.0





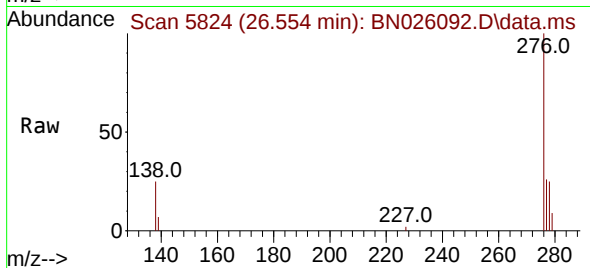
#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.060 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :

BNA_N

ClientSampleId :

DCFT0DL

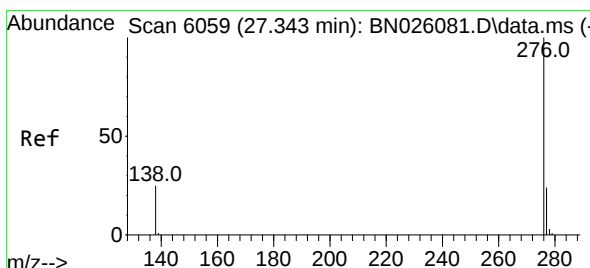
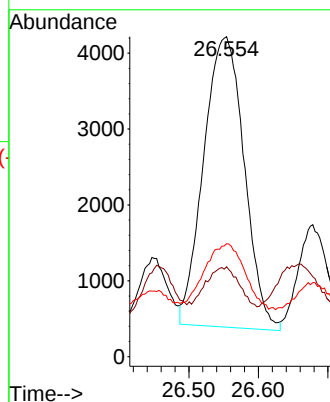
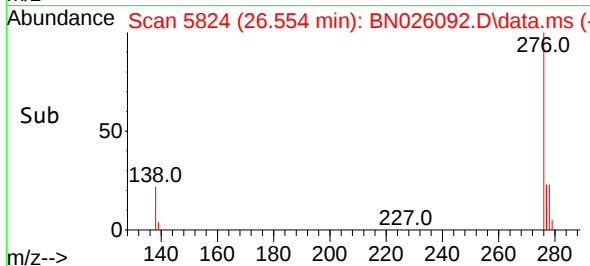


Tgt Ion:278 Resp: 15504
Ion Ratio Lower Upper
278 100
139 28.1 19.0 28.4
279 35.3 26.7 40.1

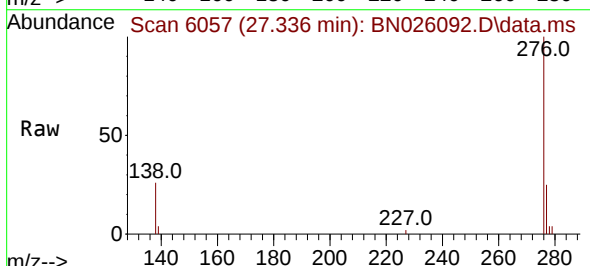
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.017 ng/ul
RT: 27.336 min Scan# 6057
Delta R.T. -0.050 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36



Tgt Ion:276 Resp: 59805
Ion Ratio Lower Upper
276 100
138 25.9 23.4 35.0
277 24.9 20.0 30.0

