

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026084.D
 Acq On : 29 Jun 2023 08:25
 Operator : MA/JU
 Sample : 03142-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS5DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 08:56:33 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	7350	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	24857	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	15259	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31251	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	17156	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	15123	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	5553	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1631	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	3894	0.060	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.825	128	6689	0.094	ng/ul#	95
7) 2-Methylnaphthalene	12.442	142	3917	0.086	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	3168	0.067	ng/ul	100
10) Acenaphthylene	14.326	152	18395	0.257	ng/ul	99
11) Acenaphthene	14.668	153	1411	0.024	ng/ul	95
12) Fluorene	15.654	166	1362	0.020	ng/ul#	92
15) Phenanthrene	17.394	178	61187	0.593	ng/ul	99
16) Anthracene	17.487	178	10385	0.113	ng/ul	95
19) Fluoranthene	19.411	202	150660	1.644	ng/ul#	22
20) Pyrene	19.773	202	123446	1.295	ng/ul	98
21) Benzo(a)anthracene	21.527	228	45552	0.644	ng/ul	97
22) Chrysene	21.582	228	59949	0.814	ng/ul	97
24) Benzo(b)fluoranthene	23.257	252	82227m	1.274	ng/ul	
25) Benzo(k)fluoranthene	23.304	252	27654m	0.427	ng/ul	
26) Benzo(a)pyrene	23.897	252	43524	0.776	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.592	276	37231	0.608	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.592	278	8507	0.184	ng/ul#	80
29) Benzo(g,h,i)perylene	27.380	276	34604	0.635	ng/ul	98

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

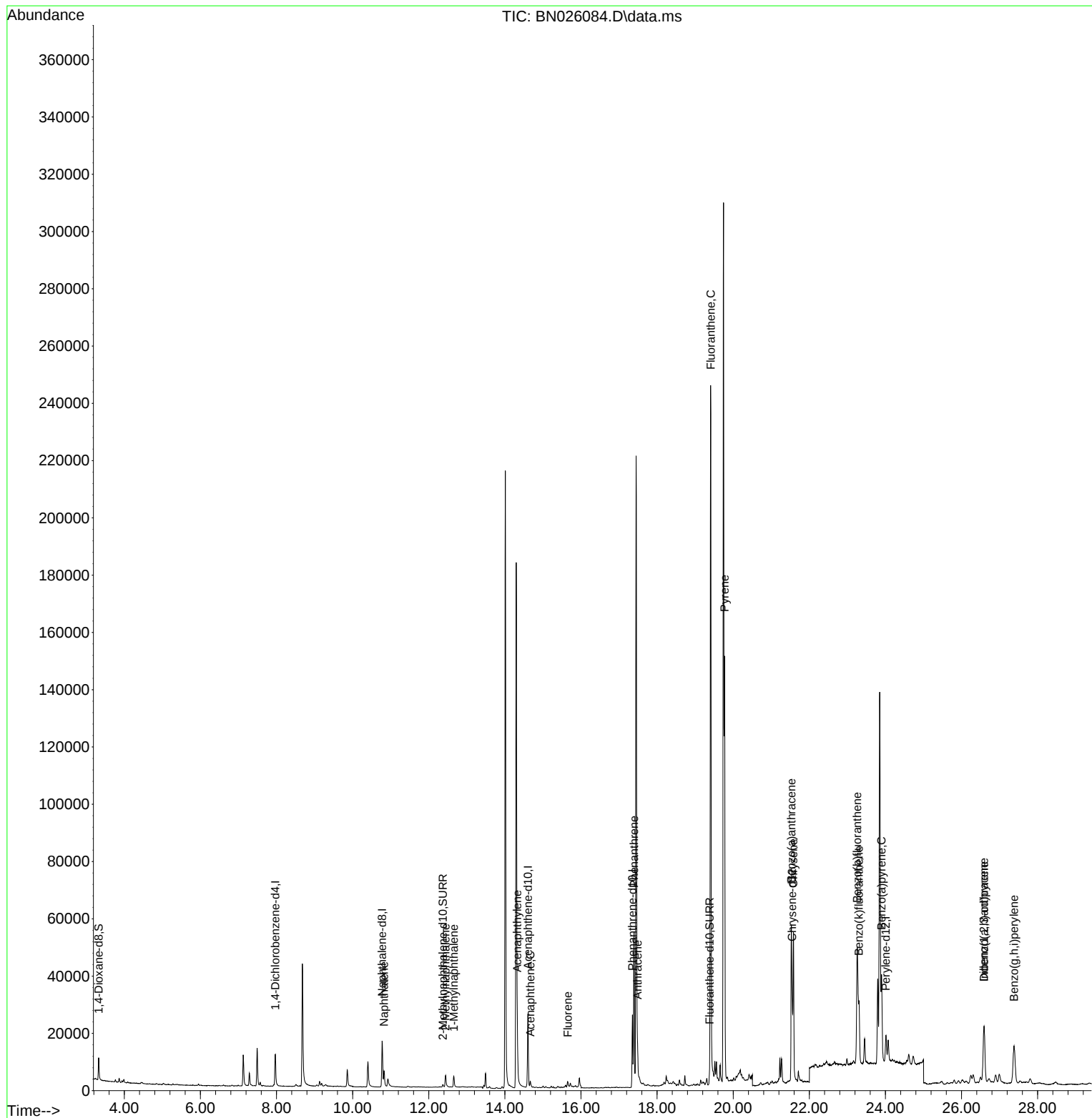
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026084.D
Acq On : 29 Jun 2023 08:25
Operator : MA/JU
Sample : 03142-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

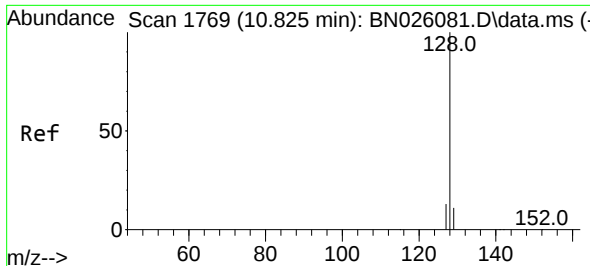
Instrument :
BNA_N
ClientSampleId :
DCFS5DL

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

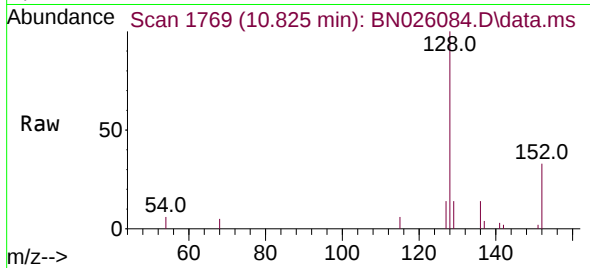
Quant Time: Jun 29 08:56:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

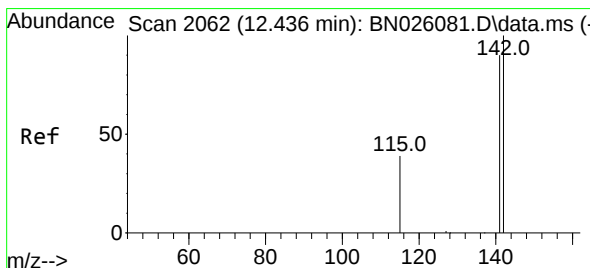
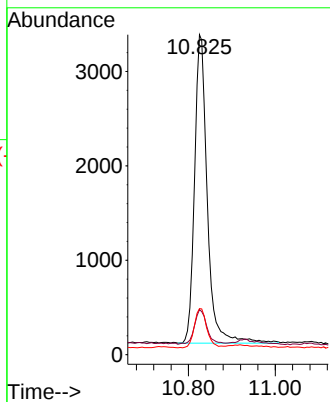
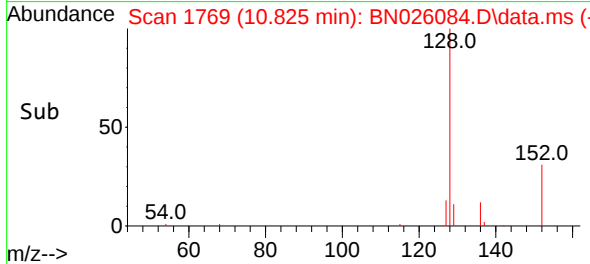
Instrument :
BNA_N
ClientSampleId :
DCFS5DL



Tgt Ion:128 Resp: 6689
Ion Ratio Lower Upper
128 100
129 14.1 9.1 13.7
127 14.4 10.7 16.1

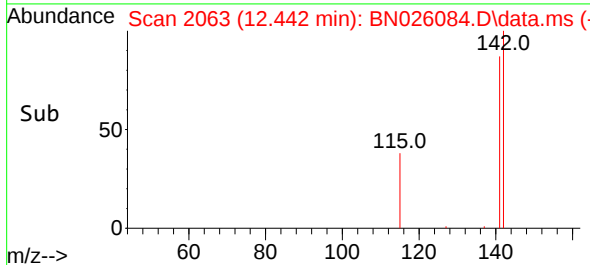
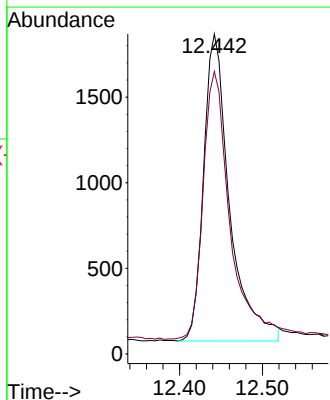
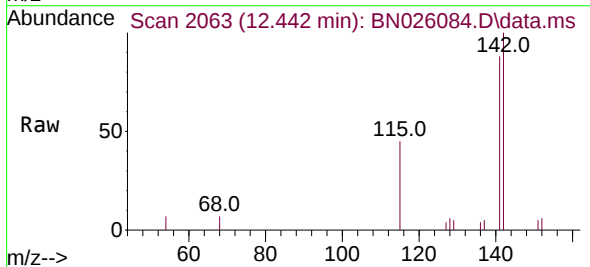
Manual Integrations
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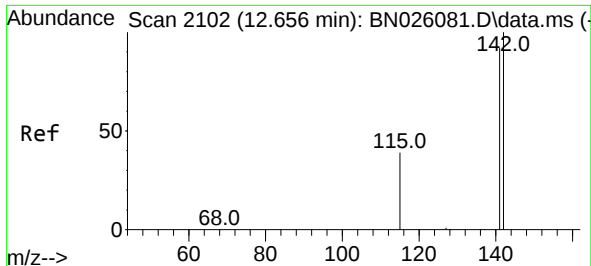
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

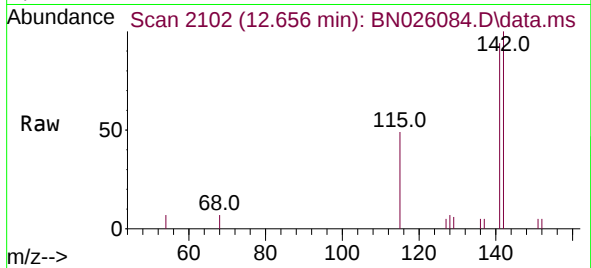
Tgt Ion:142 Resp: 3917
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

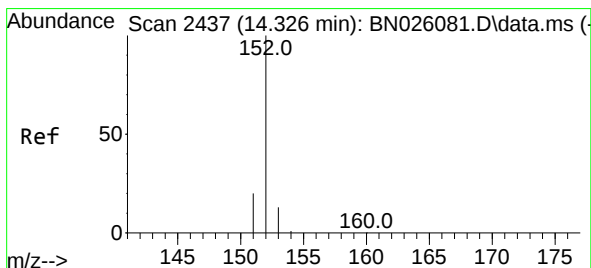
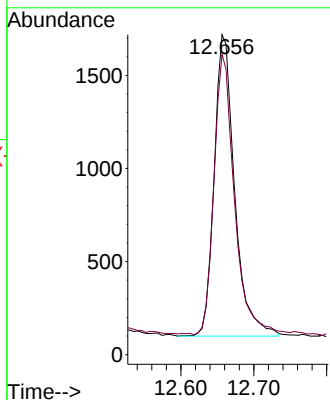
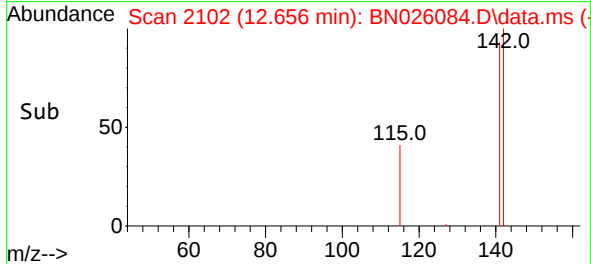
Instrument :
BNA_N
ClientSampleId :
DCFS5DL



Tgt Ion:142 Resp: 3168
Ion Ratio Lower Upper
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141 92.8 74.2 111.4

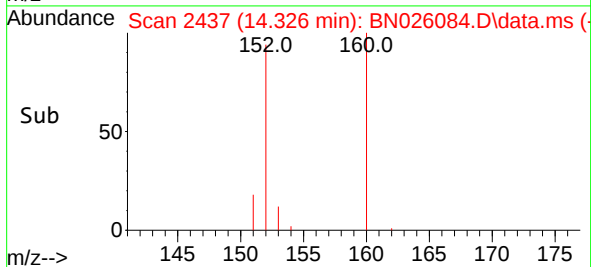
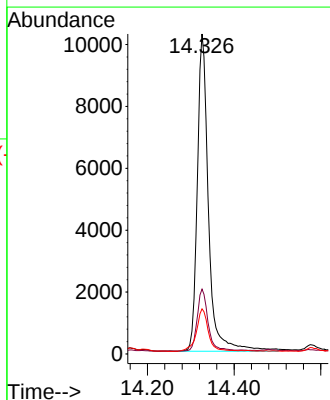
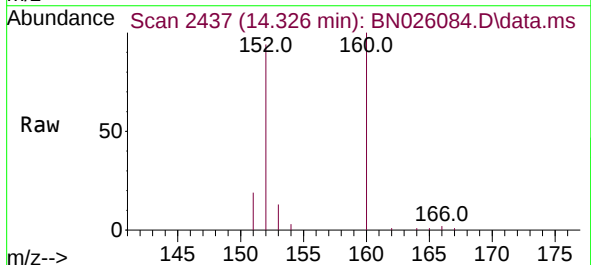
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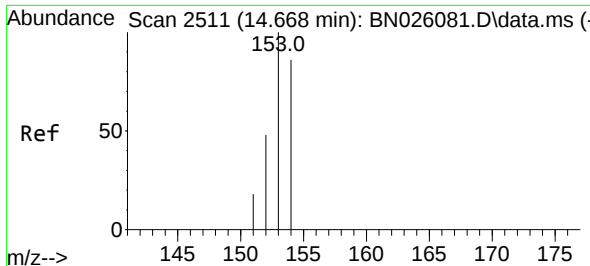
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.257 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

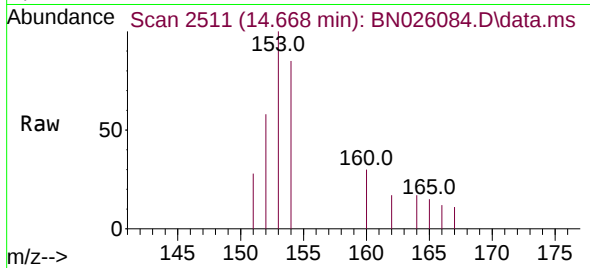
Tgt Ion:152 Resp: 18395
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.668 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

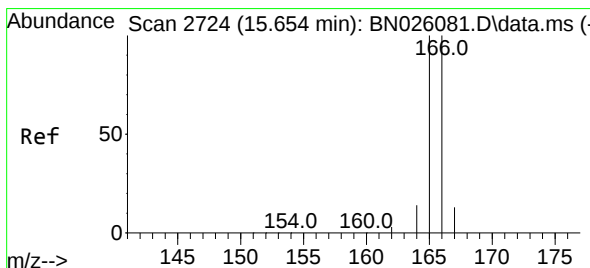
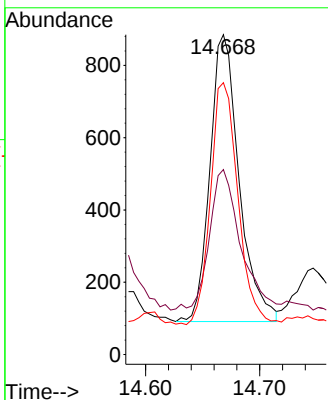
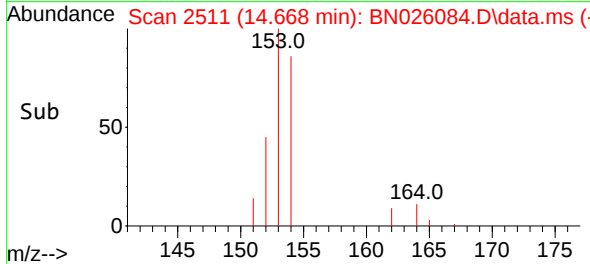
Instrument :
BNA_N
ClientSampleId :
DCFS5DL



Tgt Ion:153 Resp: 141
Ion Ratio Lower Upper
153 100
152 57.9 39.4 59.0
154 85.0 68.9 103.3

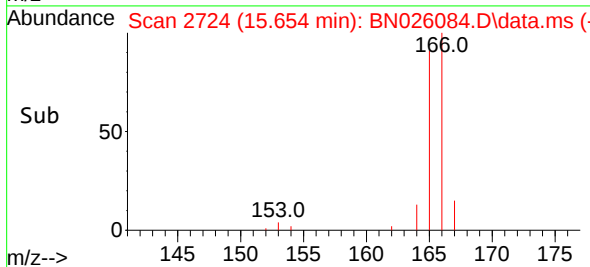
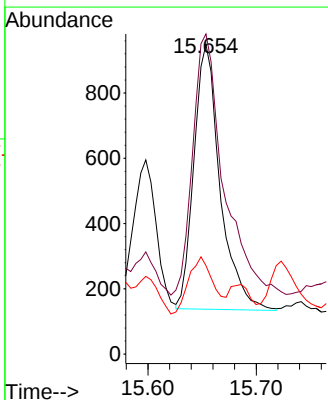
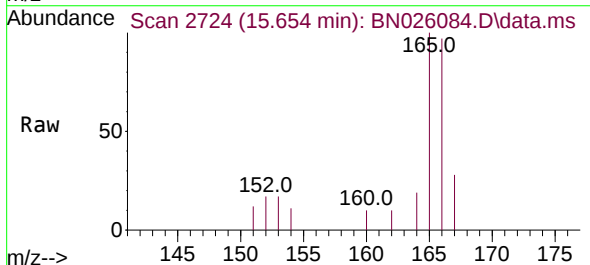
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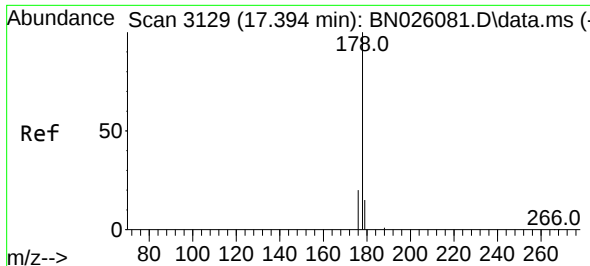
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

Tgt Ion:166 Resp: 1362
Ion Ratio Lower Upper
166 100
165 103.4 79.9 119.9
167 28.6 10.8 16.2#





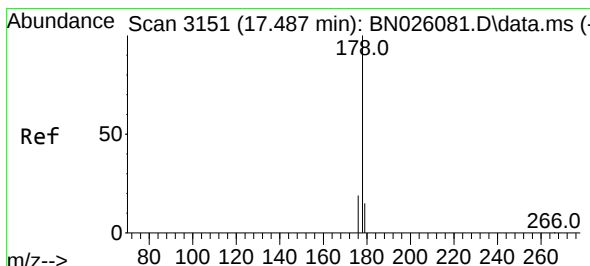
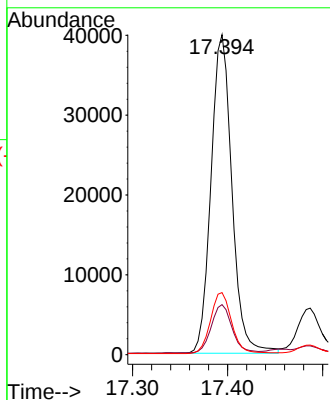
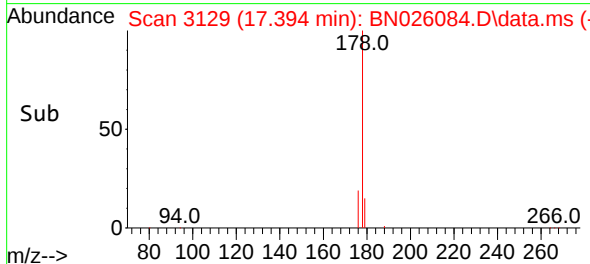
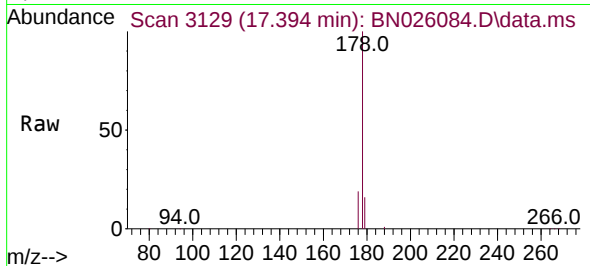
#15
Phenanthrene
Concen: 0.593 ng/u1
RT: 17.394 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

Instrument :
BNA_N
ClientSampleId :
DCFS5DL

Tgt Ion:178 Resp: 6118
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.6

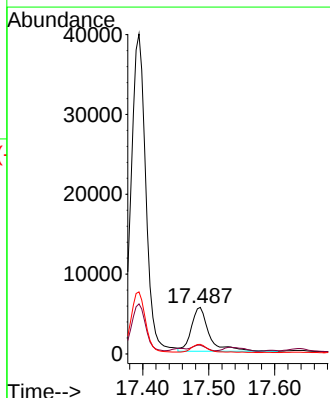
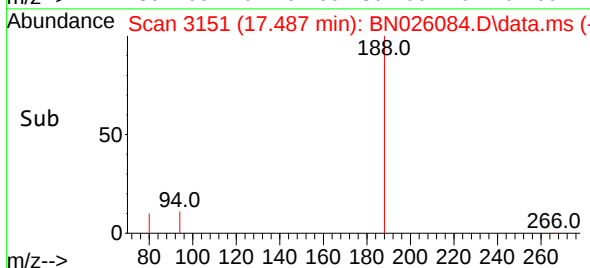
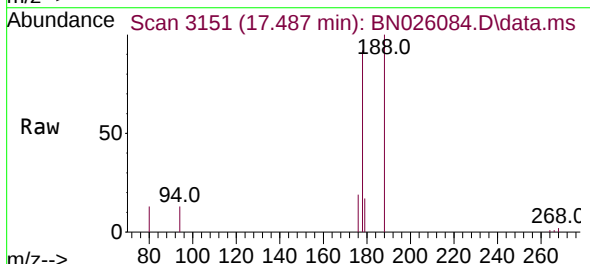
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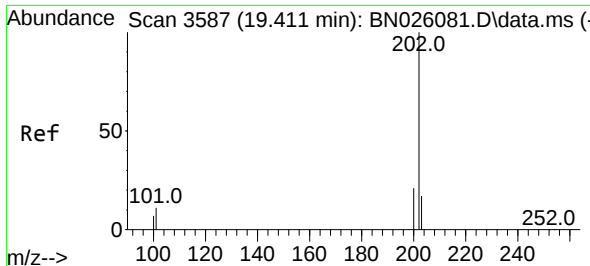
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.113 ng/u1
RT: 17.487 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

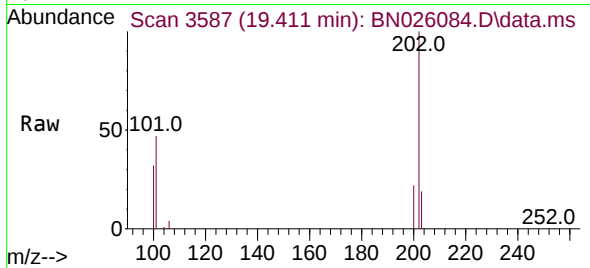
Tgt Ion:178 Resp: 10385
Ion Ratio Lower Upper
178 100
179 18.8 12.6 18.8
176 20.7 15.1 22.7





#19
Fluoranthene
Concen: 1.644 ng/u1
RT: 19.411 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

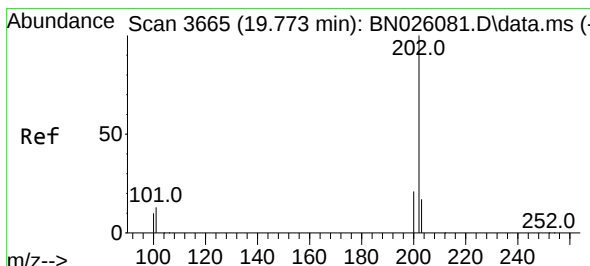
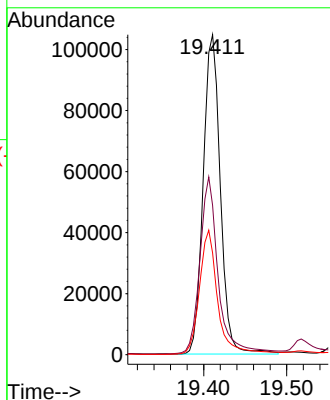
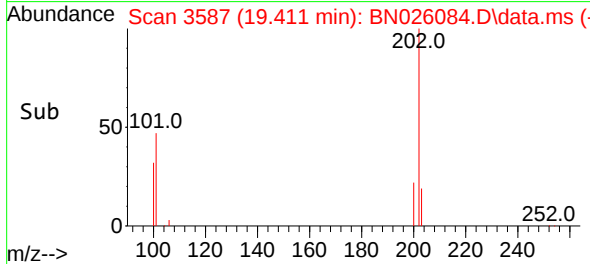
Instrument :
BNA_N
ClientSampleId :
DCFS5DL



Tgt Ion:202 Resp: 150660
Ion Ratio Lower Upper
202 100
101 46.7 9.5 14.3
100 31.8 7.3 10.9

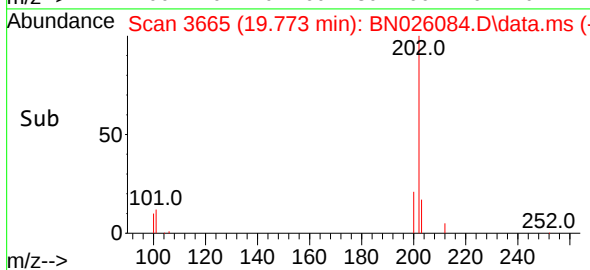
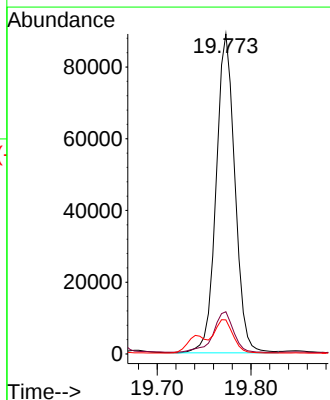
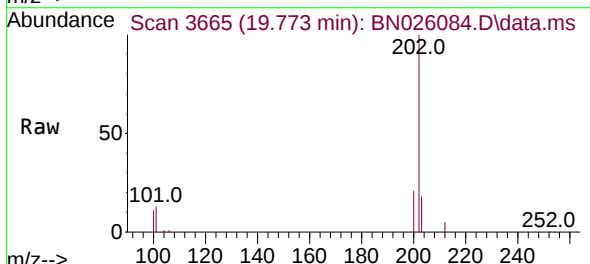
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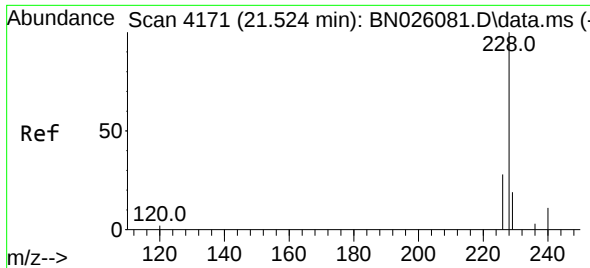
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 1.295 ng/u1
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

Tgt Ion:202 Resp: 123446
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.7 9.1 13.7





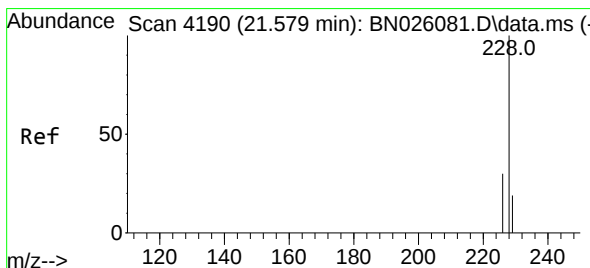
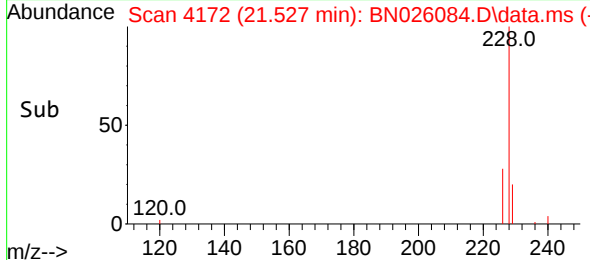
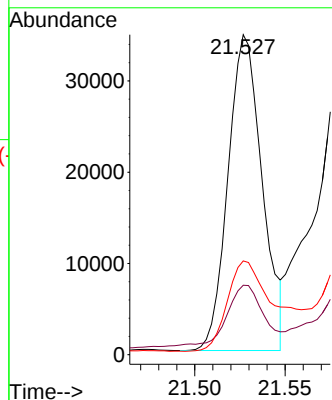
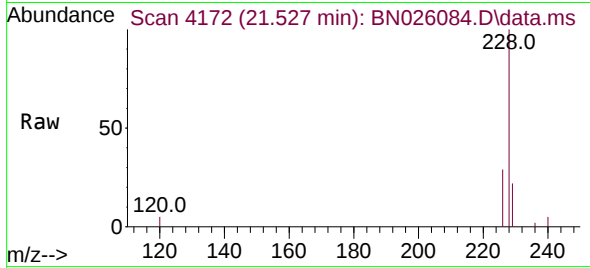
#21
Benzo(a)anthracene
Concen: 0.644 ng/ul
RT: 21.527 min Scan# 4171
Delta R.T. -0.002 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

Instrument :
BNA_N
ClientSampleId :
DCFS5DL

Tgt Ion:228 Resp: 45552
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 29.3 22.5 33.7

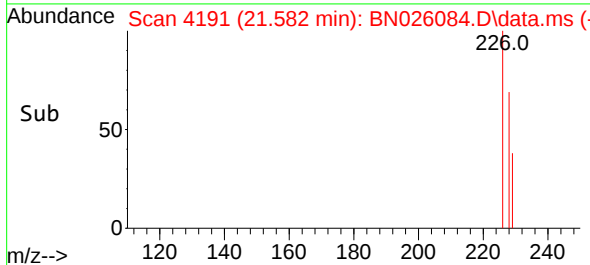
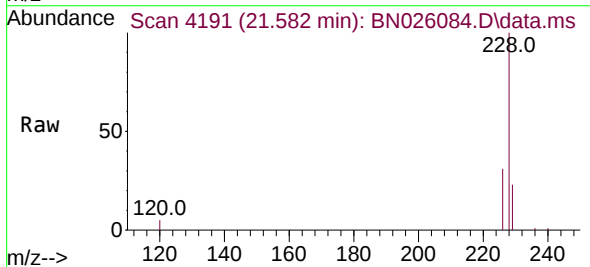
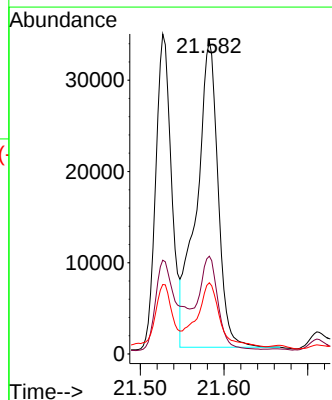
Manual Integrations
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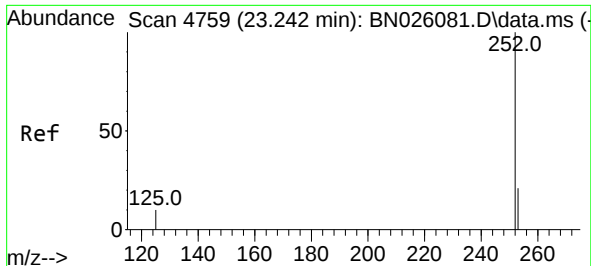
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 0.814 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. 0.004 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

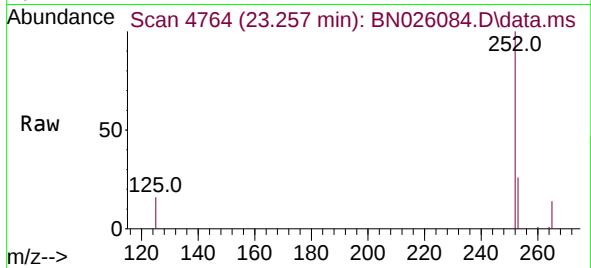
Tgt Ion:228 Resp: 59949
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.274 ng/ul m
RT: 23.257 min Scan# 4764
Delta R.T. 0.004 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

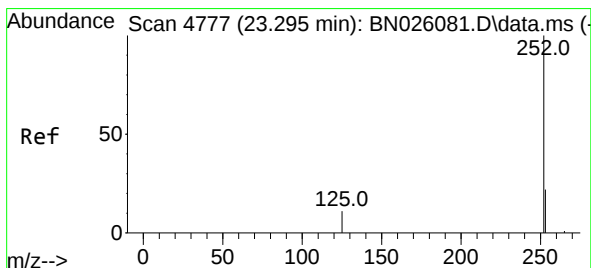
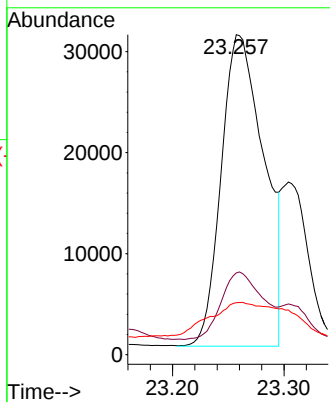
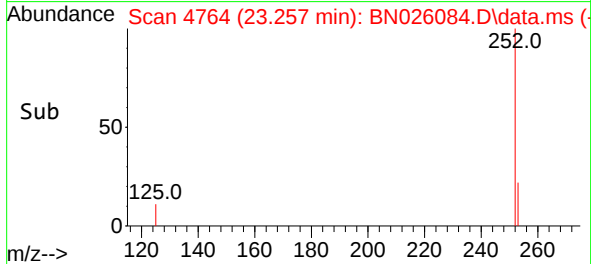
Instrument :
BNA_N
ClientSampleId :
DCFS5DL



Tgt Ion:252 Resp: 82227
Ion Ratio Lower Upper
252 100
253 25.5 0.0 55.6
125 16.3 0.0 35.8

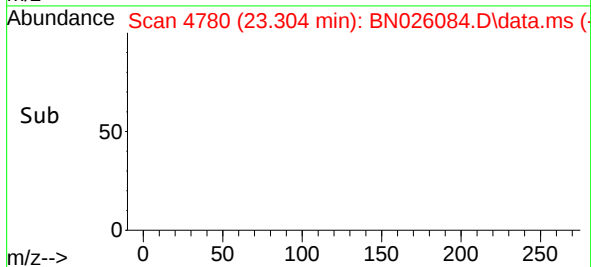
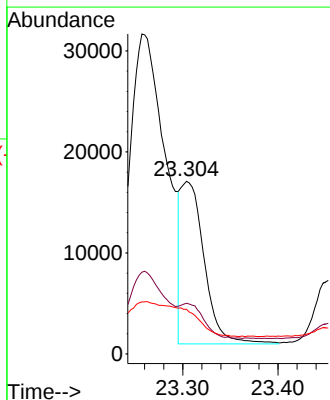
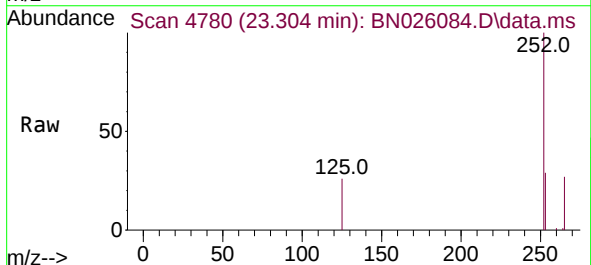
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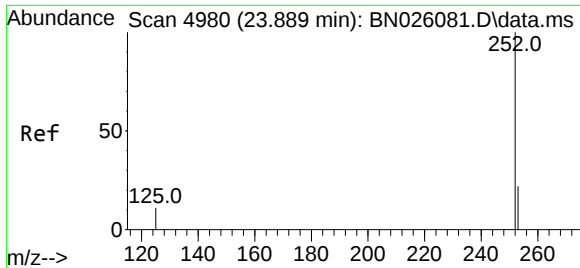
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul m
RT: 23.304 min Scan# 4780
Delta R.T. 0.001 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

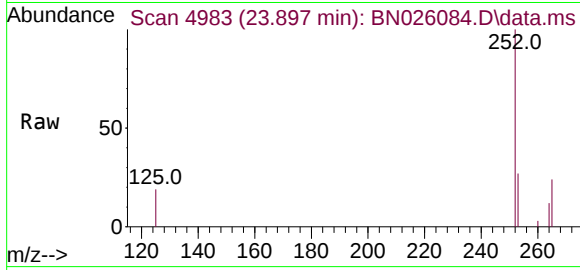
Tgt Ion:252 Resp: 27654
Ion Ratio Lower Upper
252 100
253 29.4 23.2 34.8
125 25.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.776 ng/ul
RT: 23.897 min Scan# 4980
Delta R.T. -0.008 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

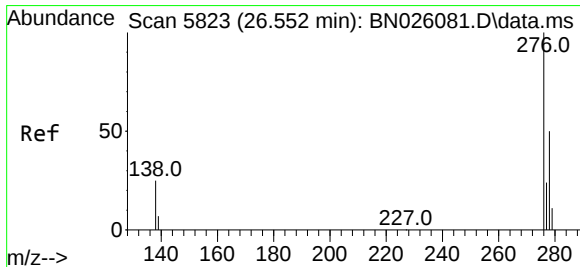
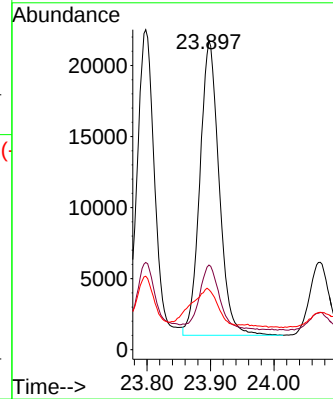
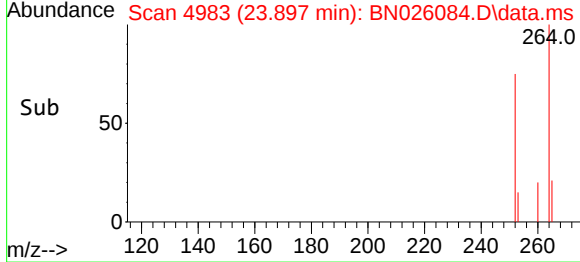
Instrument :
BNA_N
ClientSampleId :
DCFS5DL



Tgt Ion:252 Resp: 43524
Ion Ratio Lower Upper
252 100
253 27.4 26.0 39.0
125 19.4 17.3 25.9

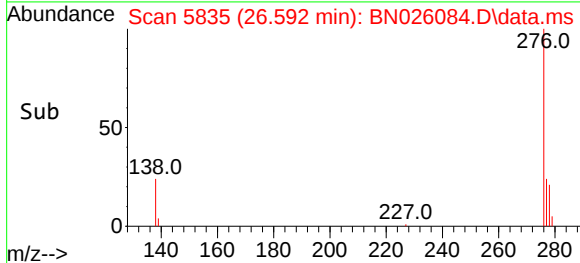
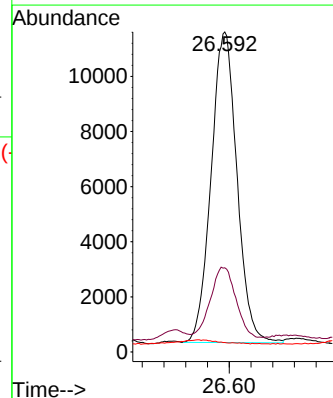
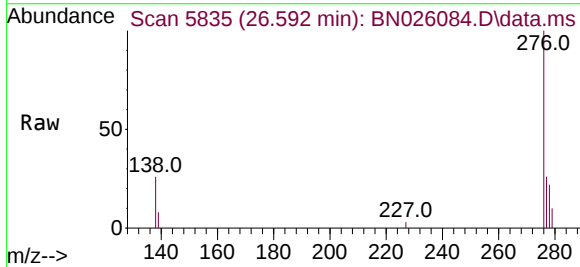
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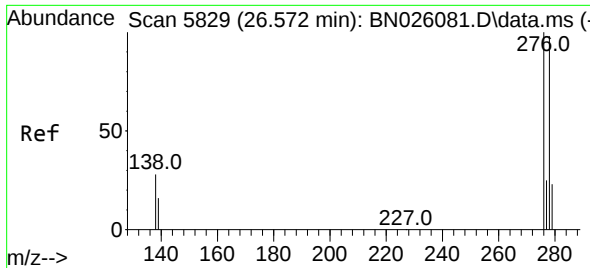
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.608 ng/ul
RT: 26.592 min Scan# 5835
Delta R.T. -0.002 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

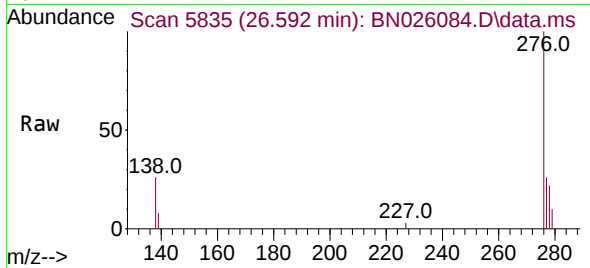
Tgt Ion:276 Resp: 37231
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.184 ng/ul
RT: 26.592 min Scan# 5835
Delta R.T. -0.023 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25

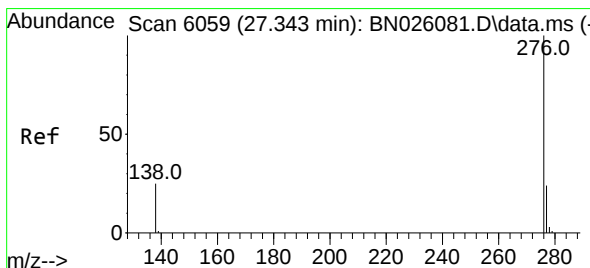
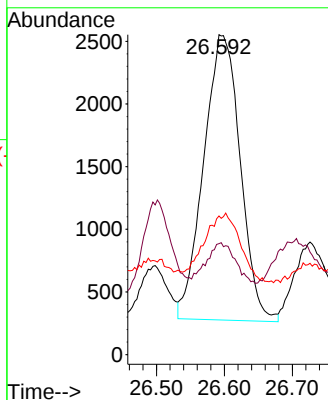
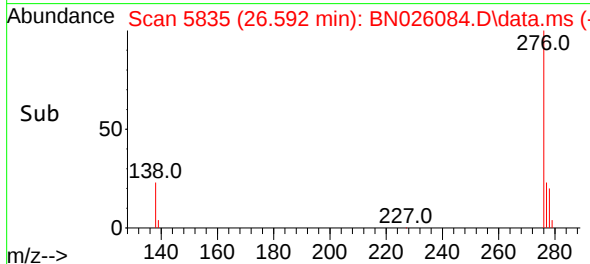
Instrument :
BNA_N
ClientSampleId :
DCFS5DL



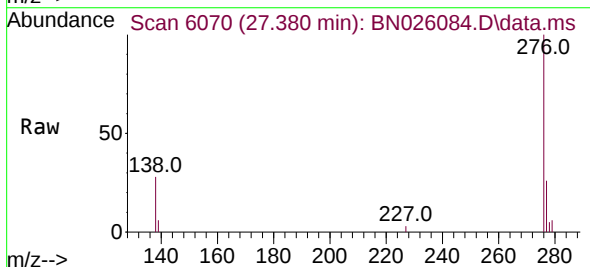
Tgt Ion:278 Resp: 850
Ion Ratio Lower Upper
278 100
139 34.7 19.0 28.4
279 43.4 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.635 ng/ul
RT: 27.380 min Scan# 6070
Delta R.T. -0.006 min
Lab File: BN026084.D
Acq: 29 Jun 2023 08:25



Tgt Ion:276 Resp: 34604
Ion Ratio Lower Upper
276 100
138 28.3 23.4 35.0
277 26.4 20.0 30.0

