

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026093.D
 Acq On : 29 Jun 2023 14:12
 Operator : MA/JU
 Sample : 03142-10DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS9DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:43:44 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	7544	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	24973	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14909	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	30325	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17081	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	15865	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	6284	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1975	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	4321	0.066	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.831	128	6598	0.092	ng/ul#	96
7) 2-Methylnaphthalene	12.442	142	3419	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	2565	0.054	ng/ul	99
10) Acenaphthylene	14.329	152	7246	0.104	ng/ul	96
11) Acenaphthene	14.667	153	2201	0.039	ng/ul	98
12) Fluorene	15.653	166	1835	0.028	ng/ul#	91
15) Phenanthrene	17.393	178	61984	0.619	ng/ul	99
16) Anthracene	17.486	178	11482	0.129	ng/ul#	94
19) Fluoranthene	19.410	202	184362	2.021	ng/ul#	65
20) Pyrene	19.772	202	150249	1.583	ng/ul	96
21) Benzo(a)anthracene	21.520	228	64255	0.912	ng/ul	98
22) Chrysene	21.573	228	78776	1.074	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	115507m	1.706	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	35074m	0.516	ng/ul	
26) Benzo(a)pyrene	23.885	252	65975	1.122	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.571	276	55864	0.870	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.581	278	13039	0.268	ng/ul	91
29) Benzo(g,h,i)perylene	27.372	276	53619	0.938	ng/ul	96

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

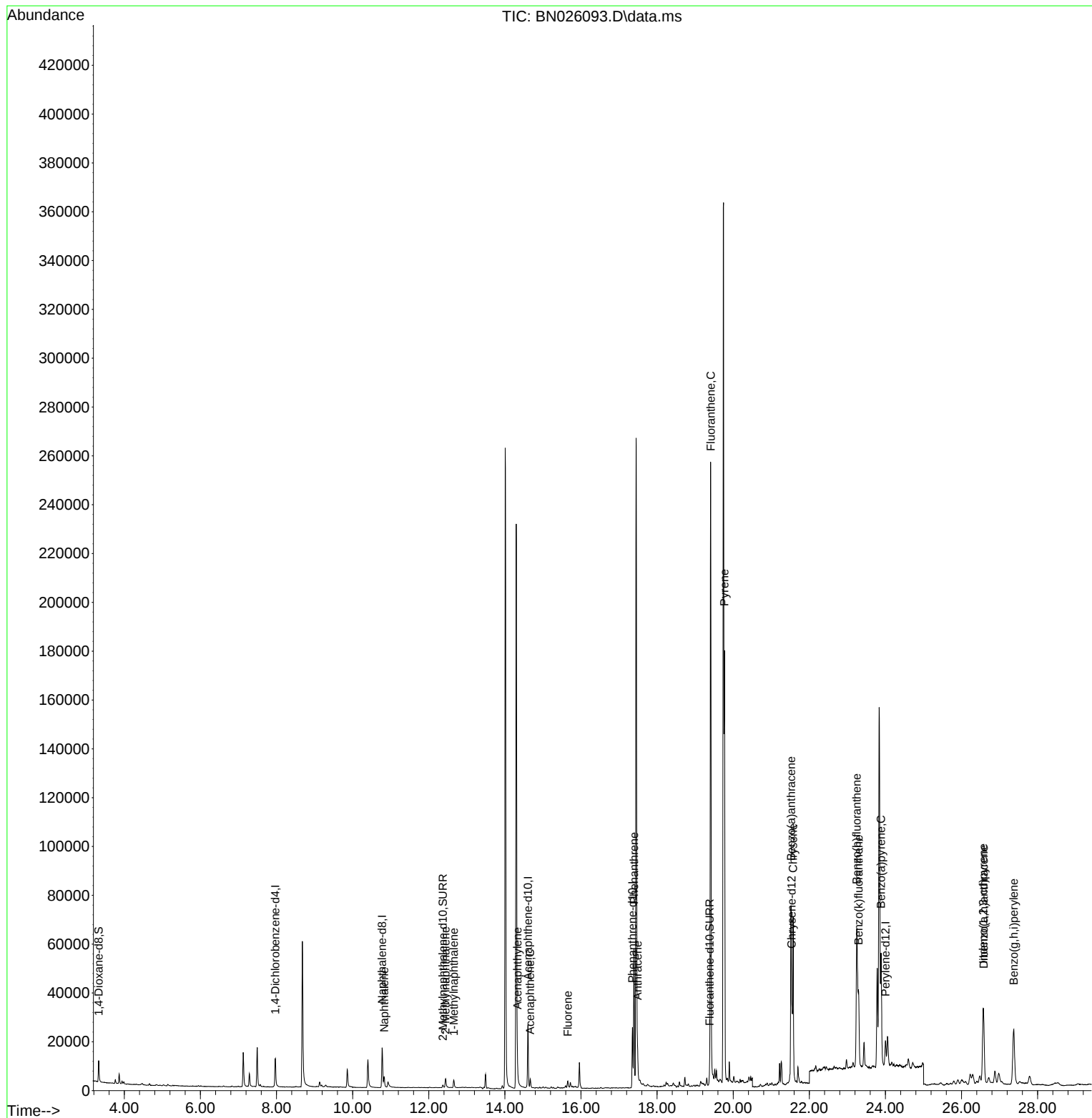
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026093.D
Acq On : 29 Jun 2023 14:12
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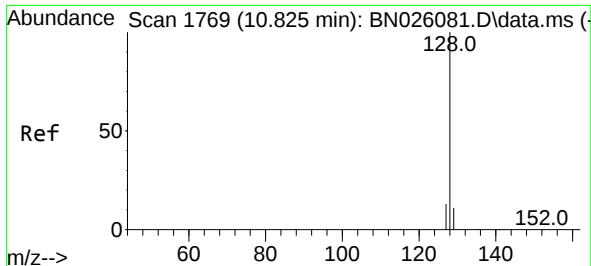
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Quant Time: Jun 30 00:43:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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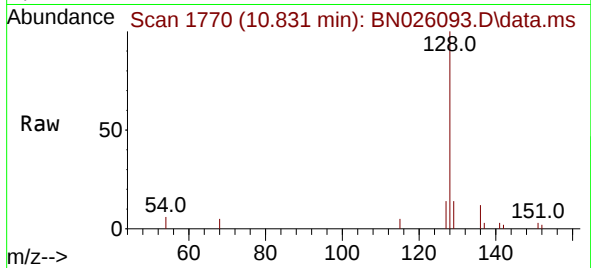
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

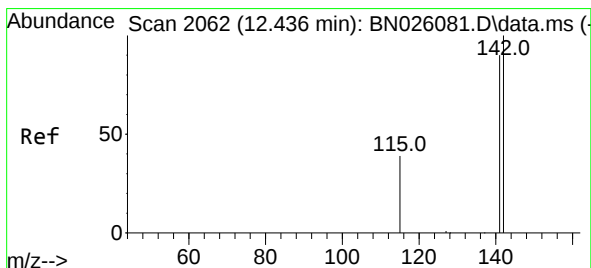
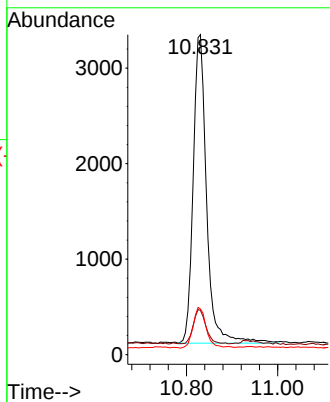
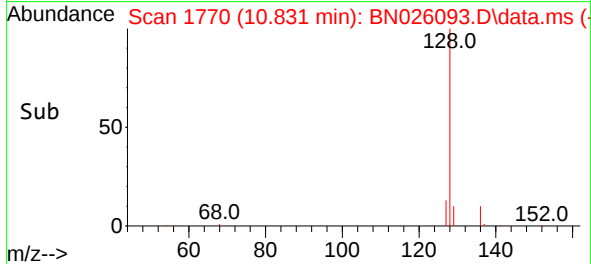
Instrument :
BNA_N
ClientSampleId :
DCFS9DL



Tgt Ion:128 Resp: 6598
Ion Ratio Lower Upper
128 100
129 13.8 9.1 13.7
127 14.3 10.7 16.1

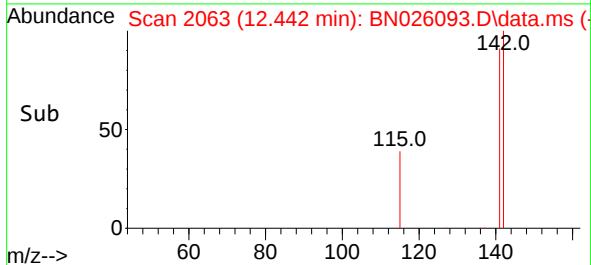
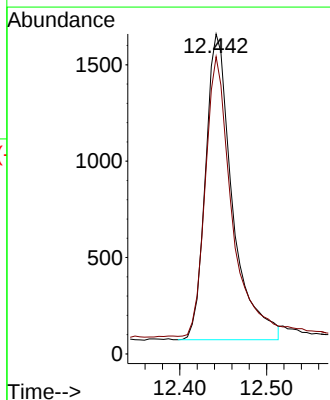
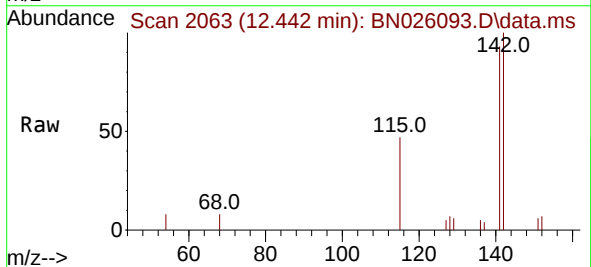
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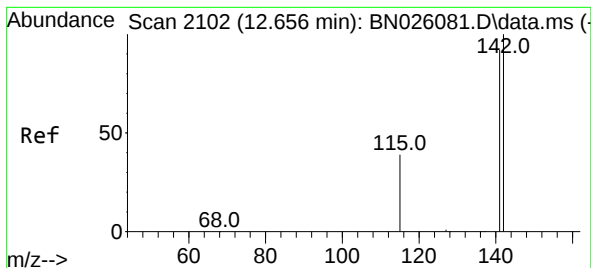
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

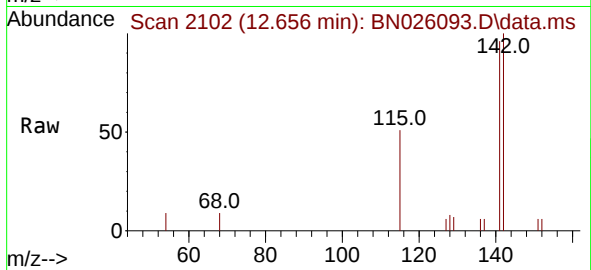
Tgt Ion:142 Resp: 3419
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

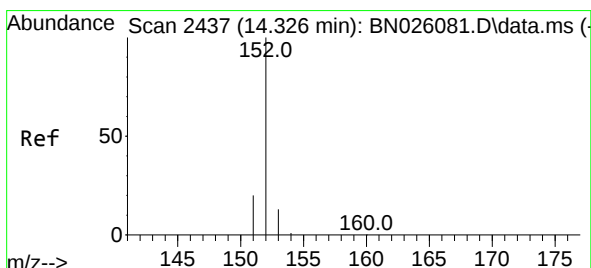
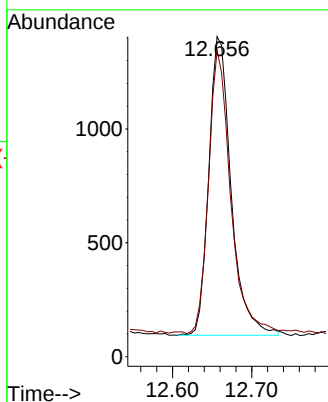
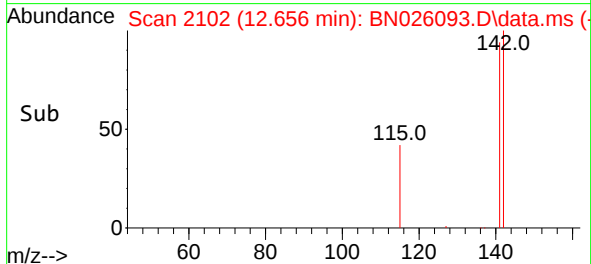
Instrument :
BNA_N
ClientSampleId :
DCFS9DL



Tgt Ion:142 Resp: 256
Ion Ratio Lower Upper
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141 93.8 74.2 111.4

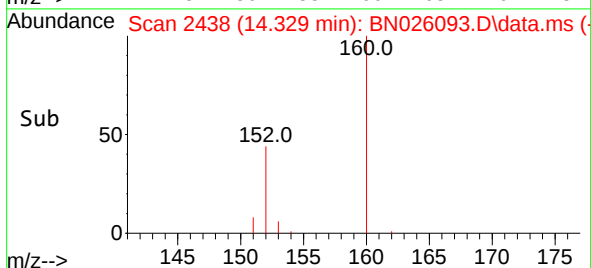
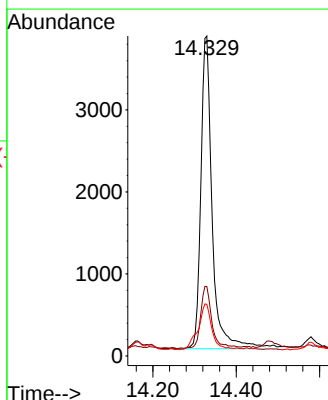
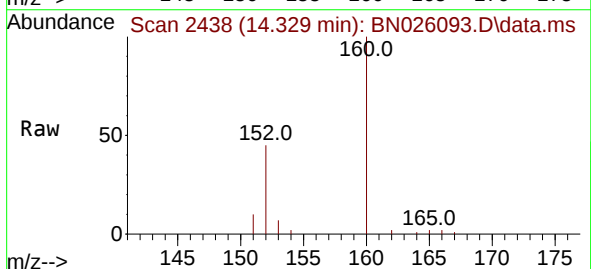
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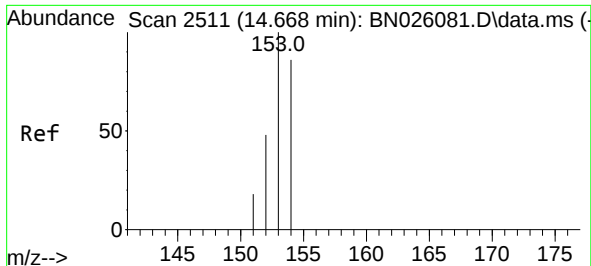
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

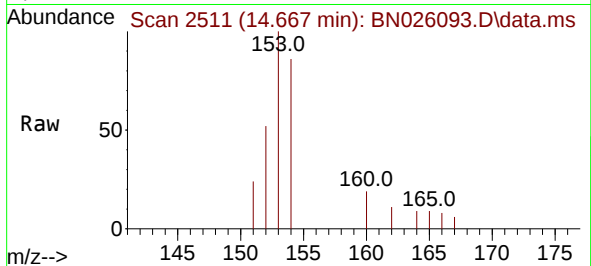
Tgt Ion:152 Resp: 7246
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4
153 16.2 10.9 16.3





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

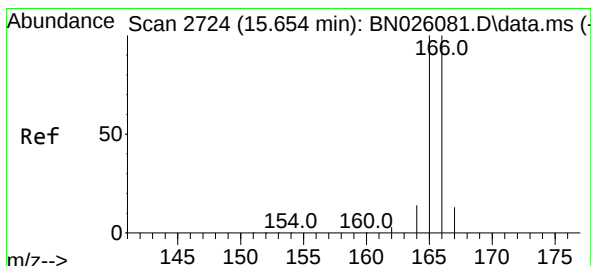
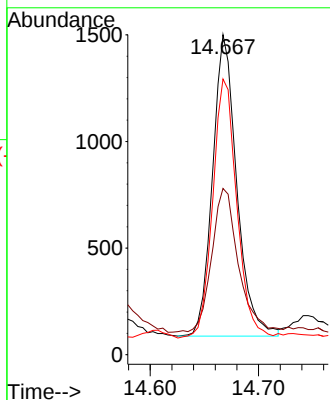
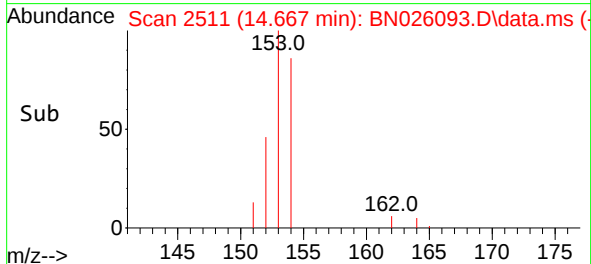
Instrument :
BNA_N
ClientSampleId :
DCFS9DL



Tgt Ion:153 Resp: 220
Ion Ratio Lower Upper
153 100
152 52.0 39.4 59.0
154 86.1 68.9 103.3

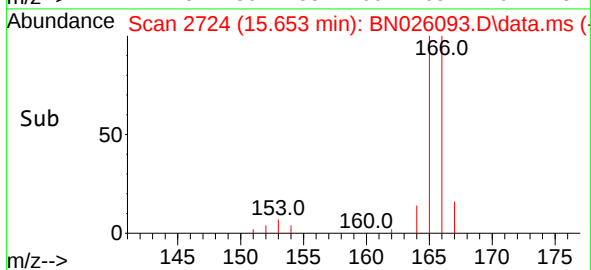
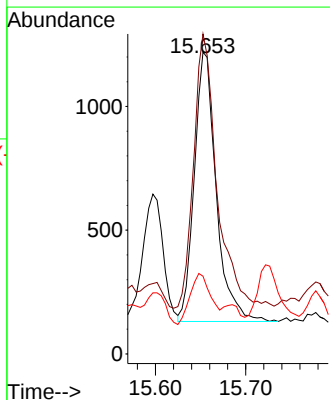
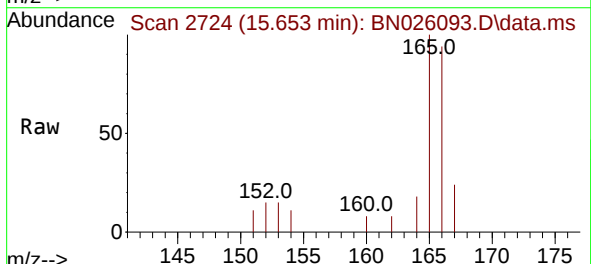
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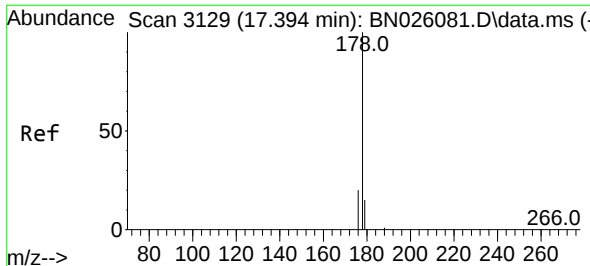
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

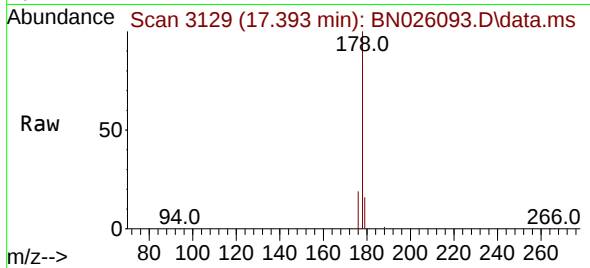
Tgt Ion:166 Resp: 1835
Ion Ratio Lower Upper
166 100
165 106.0 79.9 119.9
167 25.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.619 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

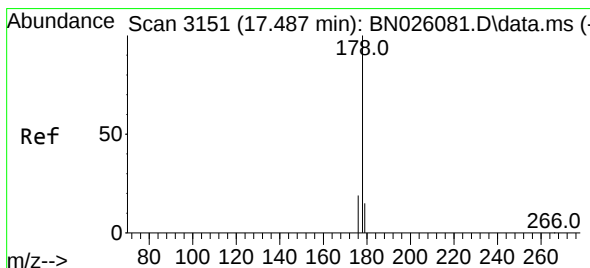
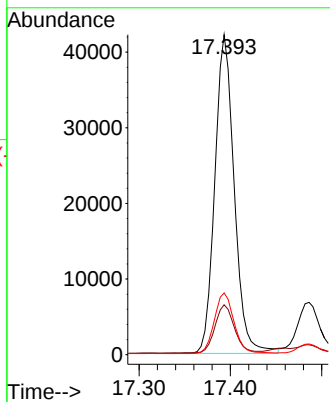
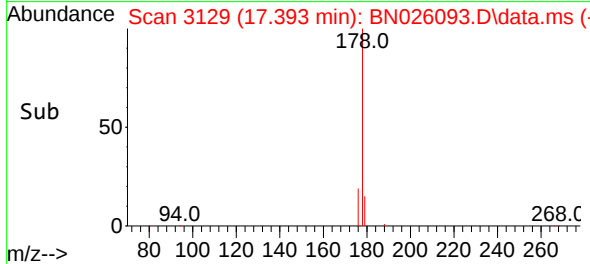
Instrument :
BNA_N
ClientSampleId :
DCFS9DL



Tgt Ion:178 Resp: 61984
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.8 23.6

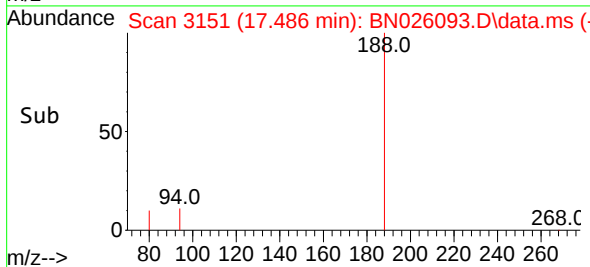
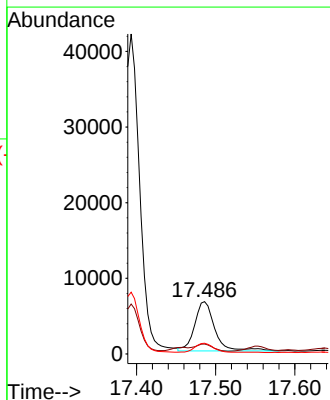
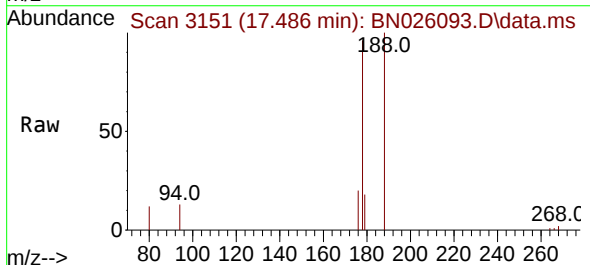
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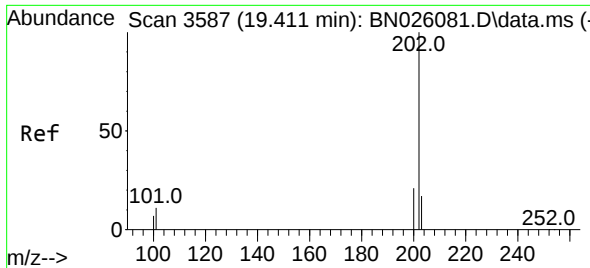
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.129 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

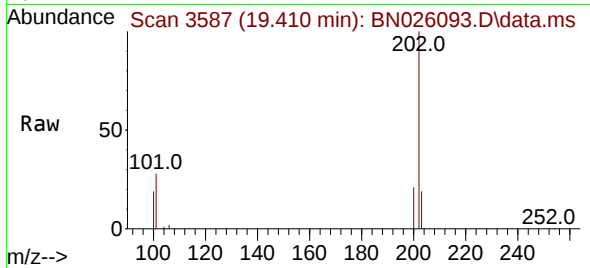
Tgt Ion:178 Resp: 11482
Ion Ratio Lower Upper
178 100
179 19.1 12.6 18.8#
176 20.5 15.1 22.7





#19
Fluoranthene
Concen: 2.021 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

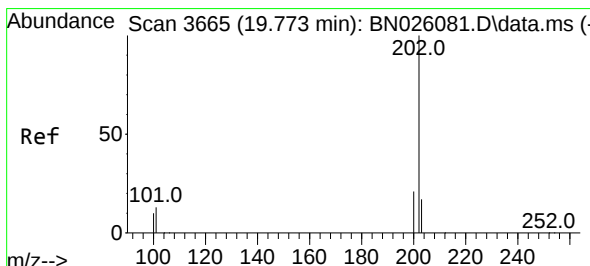
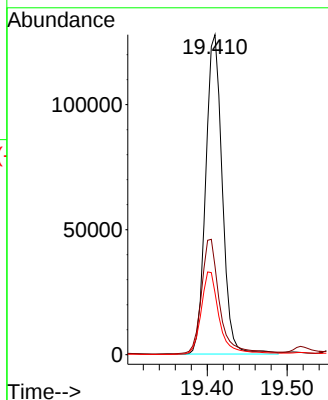
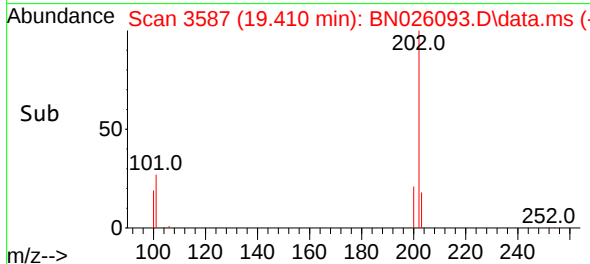
Instrument :
BNA_N
ClientSampleId :
DCFS9DL



Tgt Ion:202 Resp: 184362
Ion Ratio Lower Upper
202 100
101 27.7 9.5 14.3
100 19.4 7.3 10.9

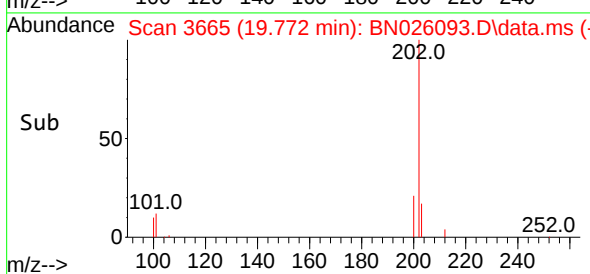
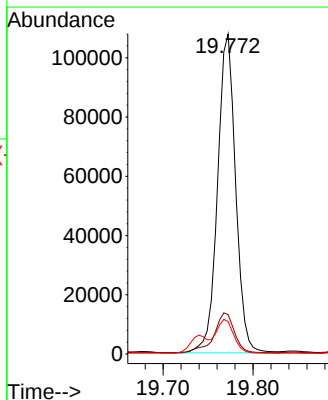
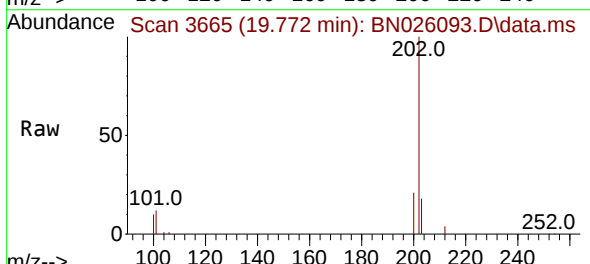
Manual Integrations
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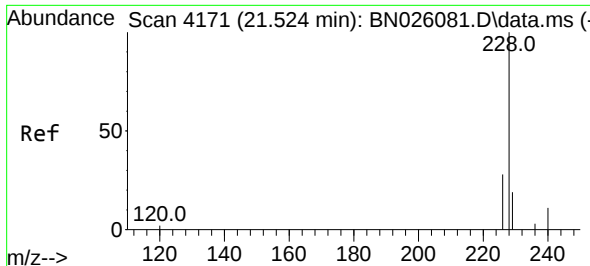
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 1.583 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

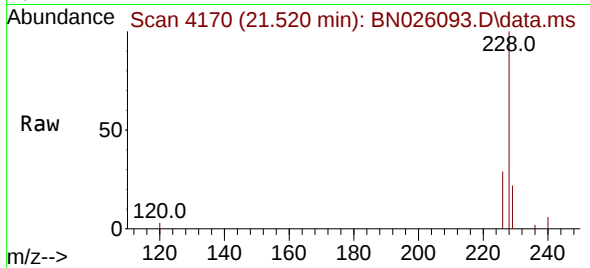
Tgt Ion:202 Resp: 150249
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.912 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

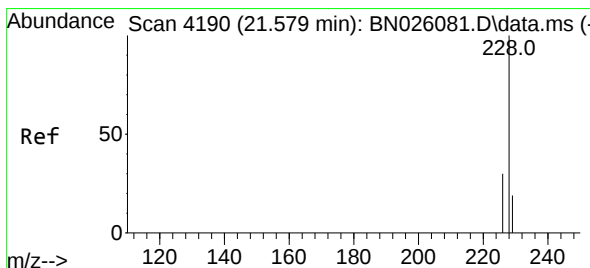
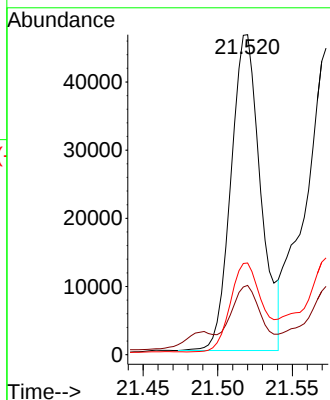
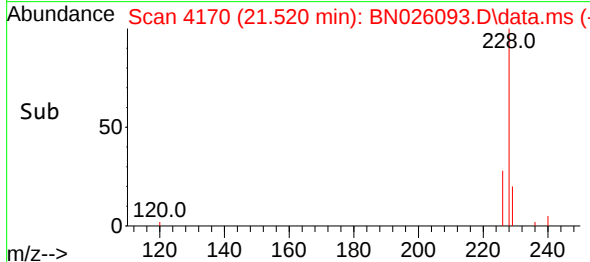
Instrument :
BNA_N
ClientSampleId :
DCFS9DL



Tgt Ion:228 Resp: 6425
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 28.7 22.5 33.7

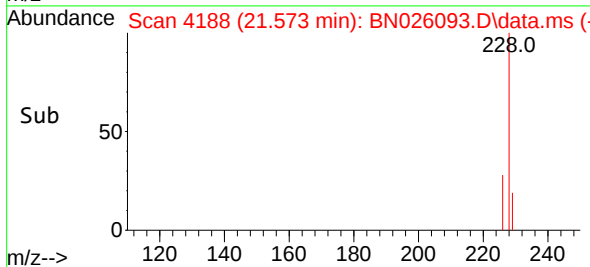
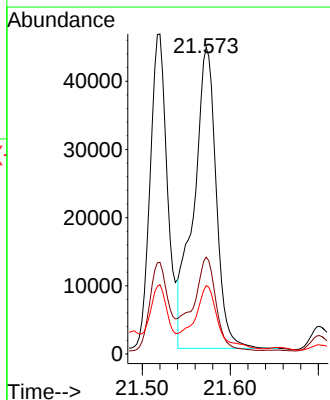
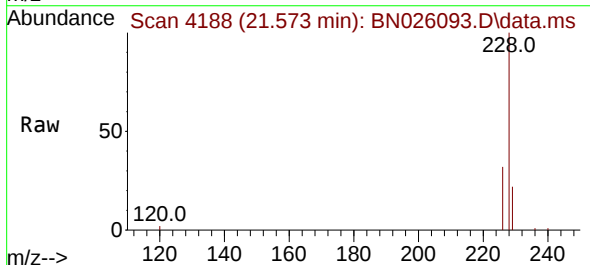
Manual Integrations
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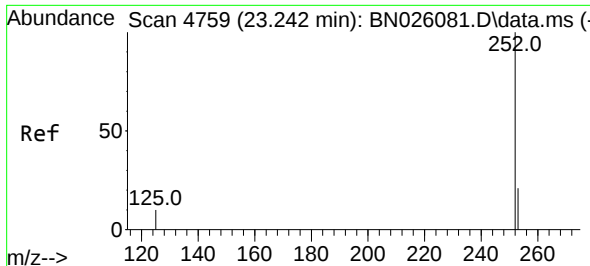
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 1.074 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

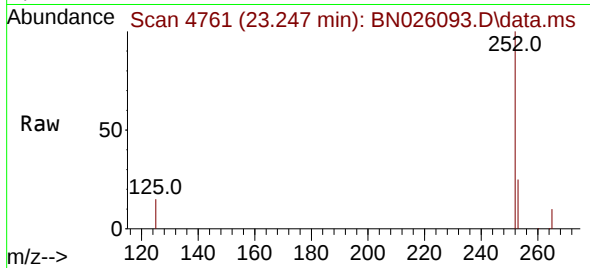
Tgt Ion:228 Resp: 78776
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.706 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

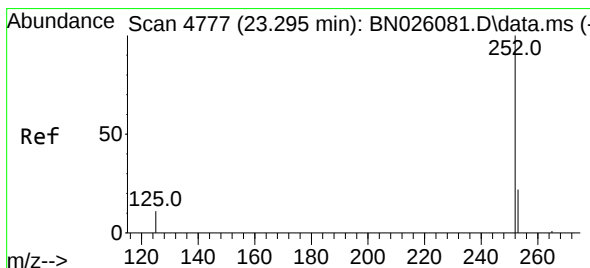
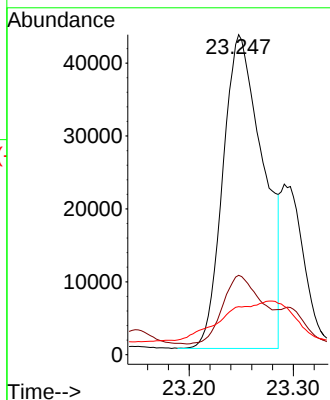
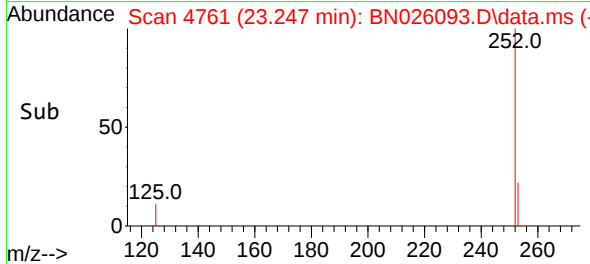
Instrument :
BNA_N
ClientSampleId :
DCFS9DL



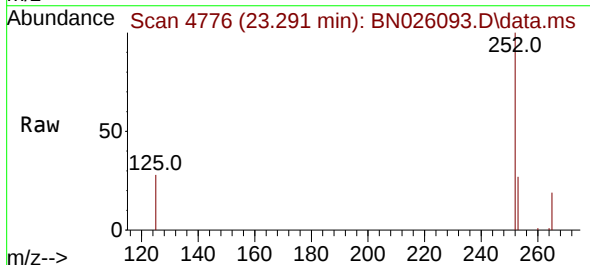
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Ion Ratio Lower Upper
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253 24.8 0.0 55.6
125 15.0 0.0 35.8

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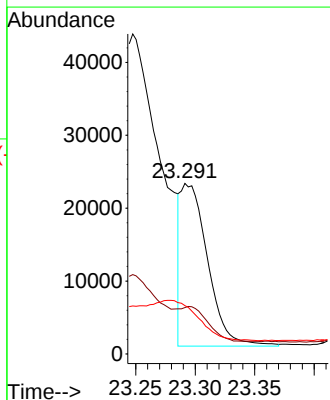
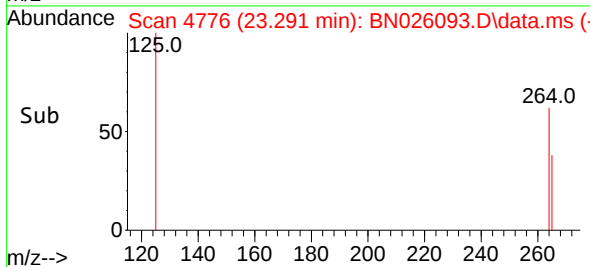
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

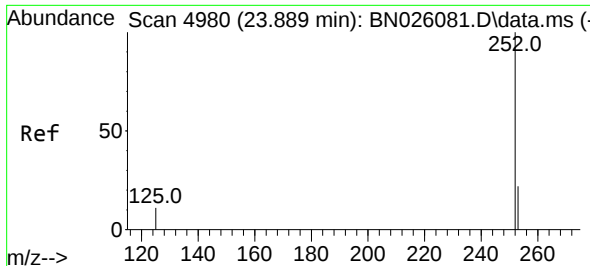


#25
Benzo(k)fluoranthene
Concen: 0.516 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.012 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12



Tgt Ion:252 Resp: 35074
Ion Ratio Lower Upper
252 100
253 27.2 23.2 34.8
125 28.4 15.0 22.4





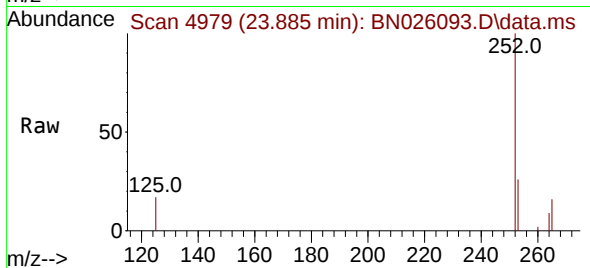
#26
Benzo(a)pyrene
Concen: 1.122 ng/ul
RT: 23.885 min Scan# 4980
Delta R.T. -0.020 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

Instrument :

BNA_N

ClientSampleId :

DCFS9DL

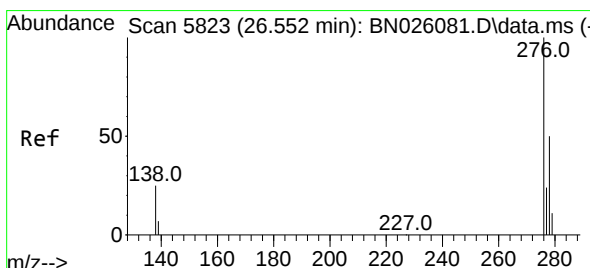
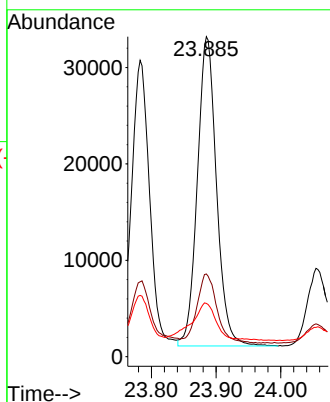
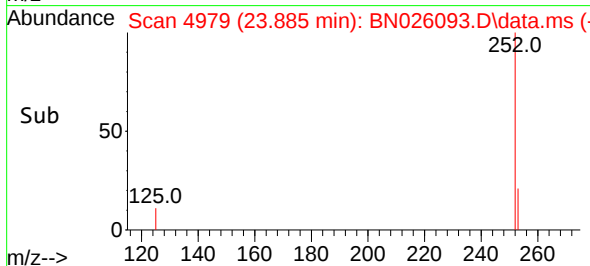


Tgt Ion:252 Resp: 65979
Ion Ratio Lower Upper
252 100
253 25.9 26.0 39.0
125 16.6 17.3 25.9

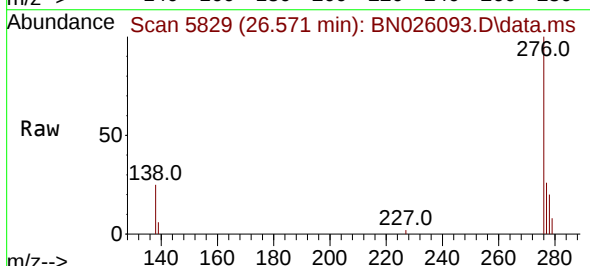
Manual Integrations

APPROVED

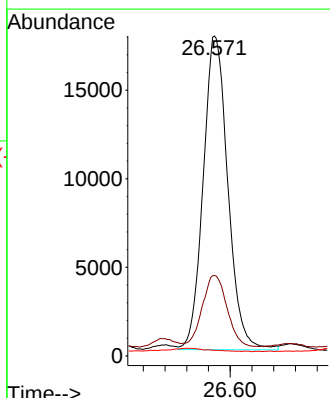
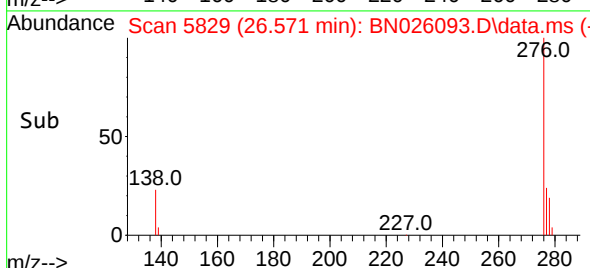
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

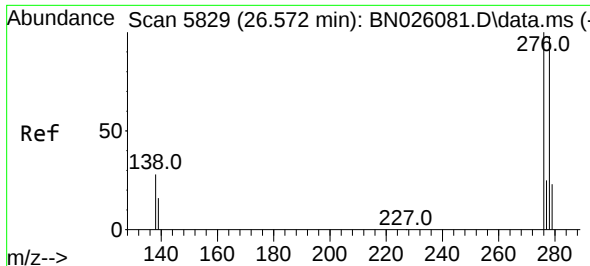


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.870 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. -0.024 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12



Tgt Ion:276 Resp: 55864
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7
227 0.0 0.0 0.0





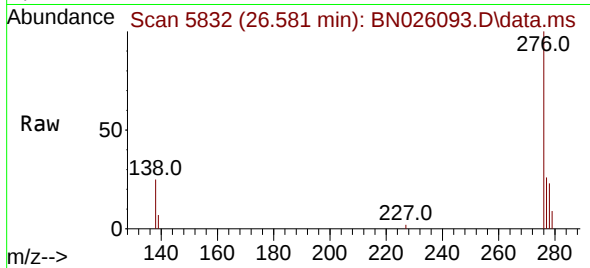
#28
Dibenzo(a,h)anthracene
Concen: 0.268 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.034 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

Instrument :

BNA_N

ClientSampleId :

DCFS9DL

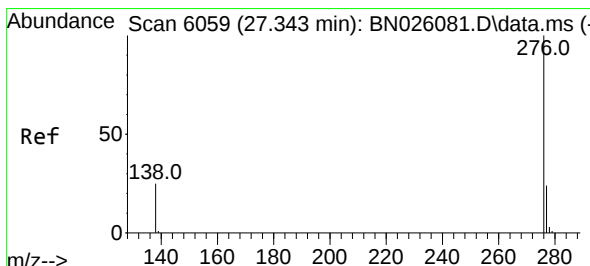
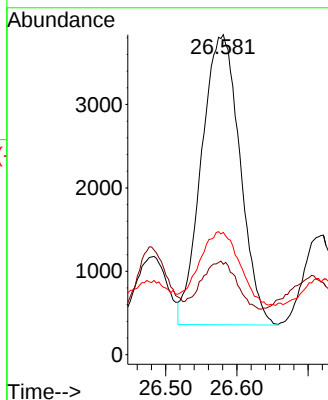
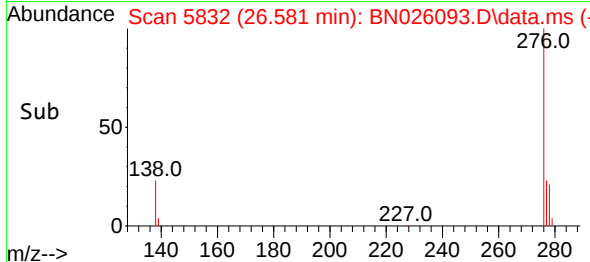


Tgt Ion:278 Resp: 13039
Ion Ratio Lower Upper
278 100
139 28.3 19.0 28.4
279 38.2 26.7 40.1

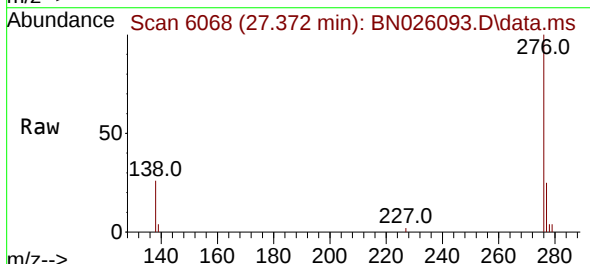
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.938 ng/ul
RT: 27.372 min Scan# 6068
Delta R.T. -0.013 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12



Tgt Ion:276 Resp: 53619
Ion Ratio Lower Upper
276 100
138 25.8 23.4 35.0
277 24.9 20.0 30.0

