

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025955.D
 Acq On : 23 Jun 2023 01:48
 Operator : MA/JU
 Sample : 03083-17DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:28:50 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8564	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	27140	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16179	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	33363	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	18213	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	16317	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5776	0.599	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1771	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3954	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	13882	0.178	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	6536	0.132	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	4044	0.079	ng/ul	100
10) Acenaphthylene	14.339	152	27835	0.367	ng/ul	99
11) Acenaphthene	14.681	153	3114	0.050	ng/ul	97
12) Fluorene	15.662	166	2836	0.040	ng/ul#	92
15) Phenanthrene	17.402	178	72937	0.662	ng/ul	99
16) Anthracene	17.495	178	18064	0.184	ng/ul	97
19) Fluoranthene	19.414	202	221745	2.279	ng/ul	100
20) Pyrene	19.777	202	186839	1.847	ng/ul	98
21) Benzo(a)anthracene	21.526	228	82850	1.103	ng/ul	96
22) Chrysene	21.581	228	102392	1.310	ng/ul	98
24) Benzo(b)fluoranthene	23.250	252	148733m	2.136	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	48158m	0.689	ng/ul	
26) Benzo(a)pyrene	23.891	252	87978	1.454	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.554	276	77561	1.174	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.561	278	17914	0.358	ng/ul	95
29) Benzo(g,h,i)perylene	27.349	276	75524	1.285	ng/ul	97

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

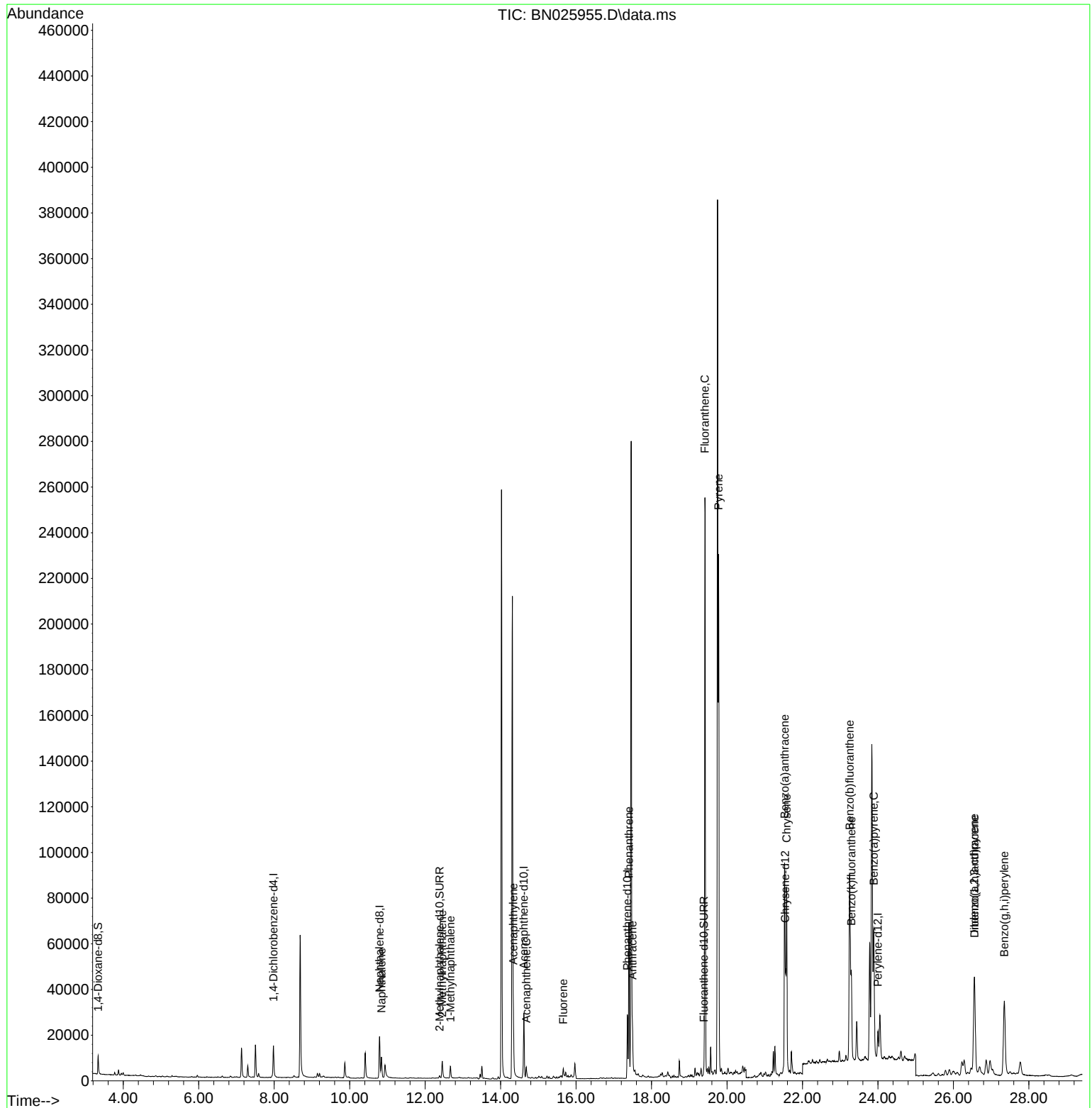
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025955.D
Acq On : 23 Jun 2023 01:48
Operator : MA/JU
Sample : 03083-17DL 5X
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ALS Vial : 28 Sample Multiplier: 1

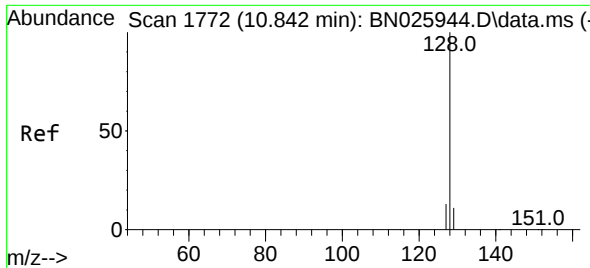
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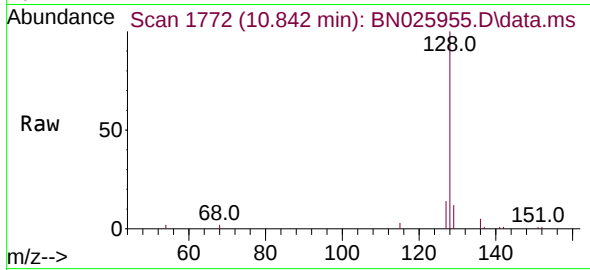
Quant Time: Jun 23 03:28:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.178 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

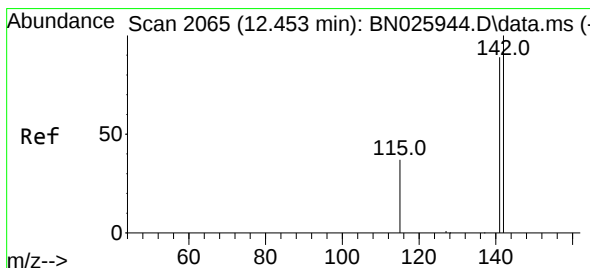
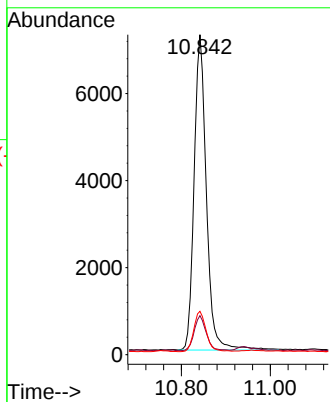
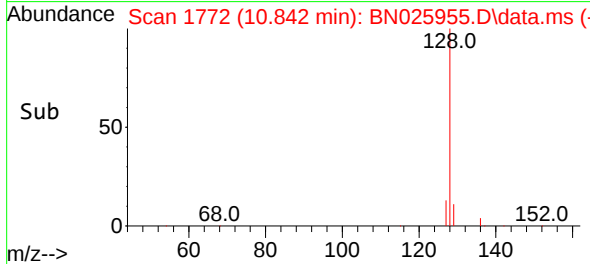
Instrument :
BNA_N
ClientSampleId :
DCFL5DL



Tgt Ion:128 Resp: 1388
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.5 10.7 16.1

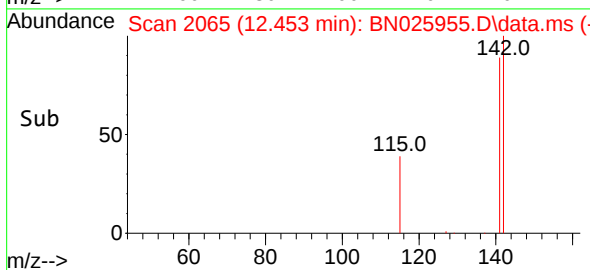
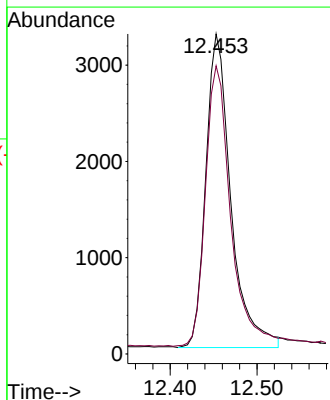
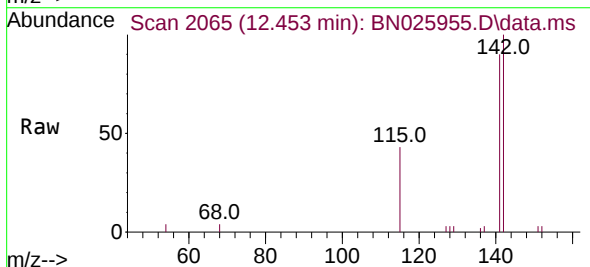
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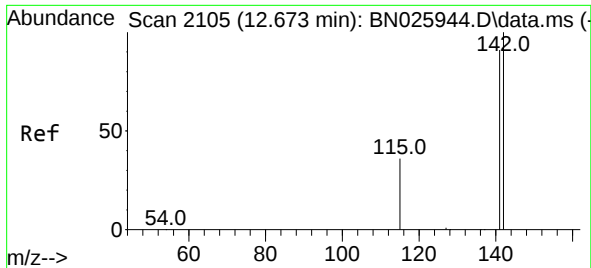
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

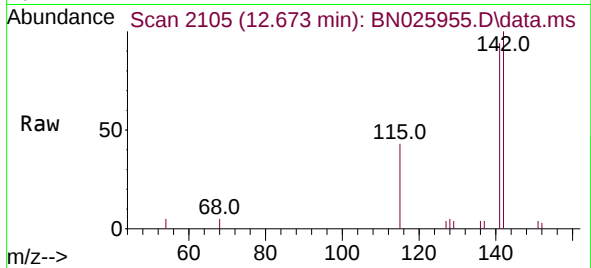
Tgt Ion:142 Resp: 6536
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

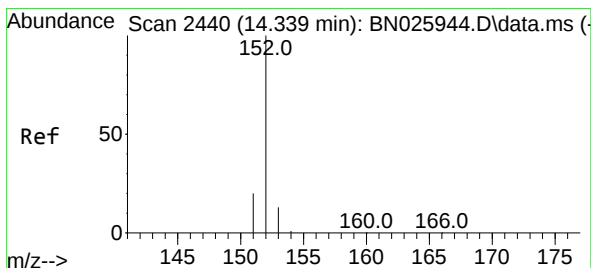
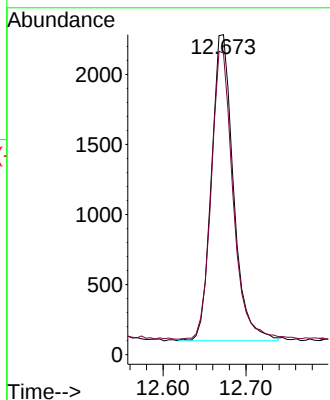
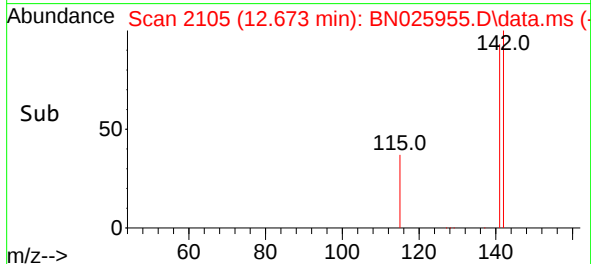
Instrument :
BNA_N
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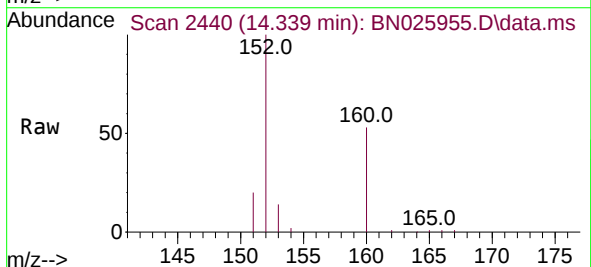
Tgt Ion:142 Resp: 404
Ion Ratio Lower Upper
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141 93.0 74.2 111.4

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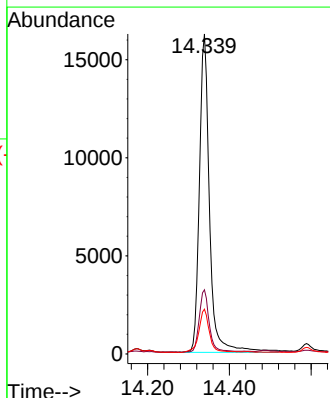
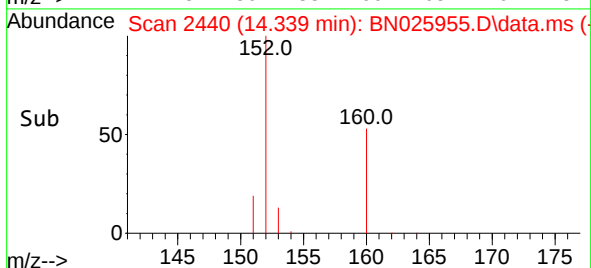
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

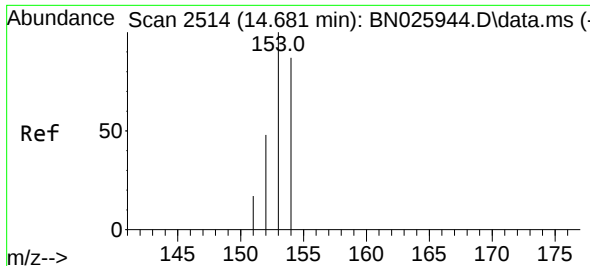


#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48



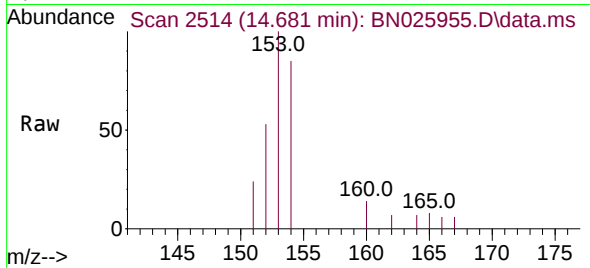
Tgt Ion:152 Resp: 27835
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.050 ng/u1
RT: 14.681 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

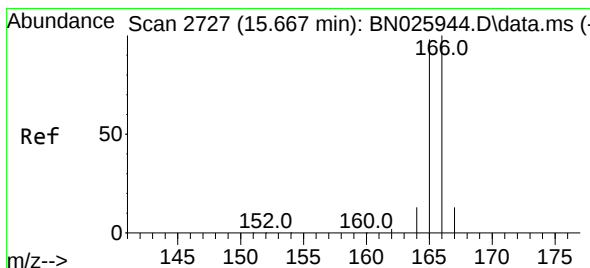
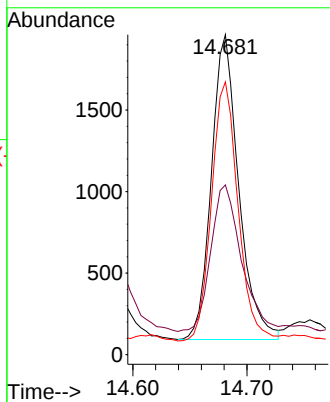
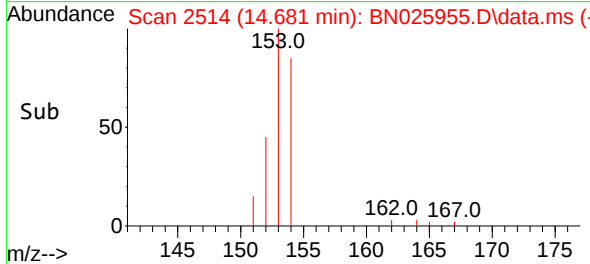
Instrument :
BNA_N
ClientSampleId :
DCFL5DL



Tgt Ion:153 Resp: 3114
Ion Ratio Lower Upper
153 100
152 53.1 39.4 59.0
154 85.3 68.9 103.3

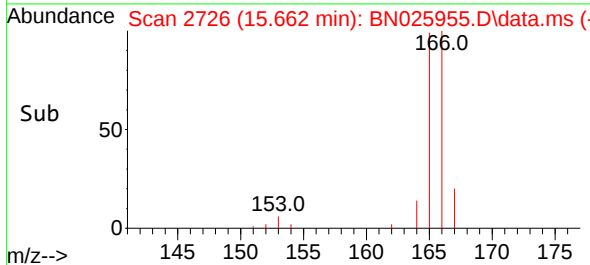
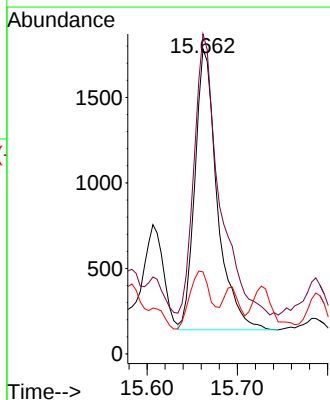
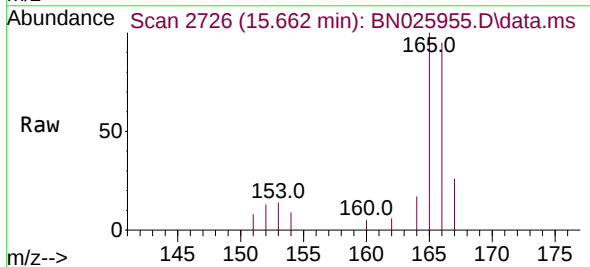
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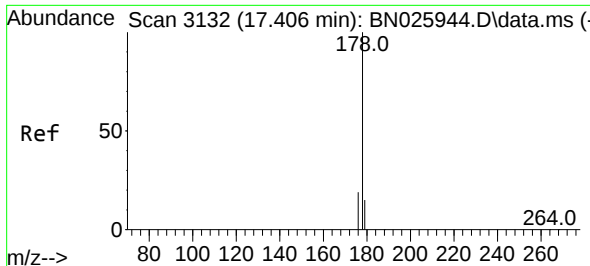
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.040 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

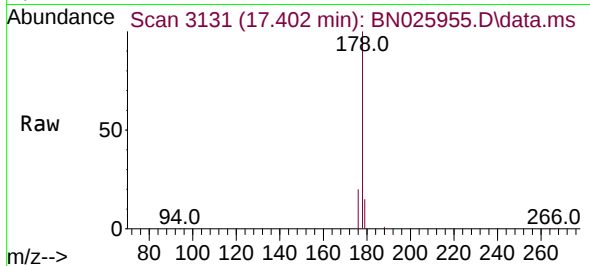
Tgt Ion:166 Resp: 2836
Ion Ratio Lower Upper
166 100
165 105.0 79.9 119.9
167 26.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.662 ng/u1
RT: 17.402 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

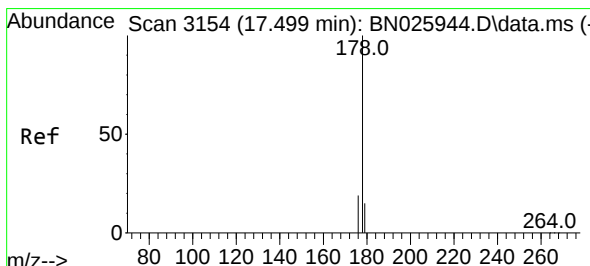
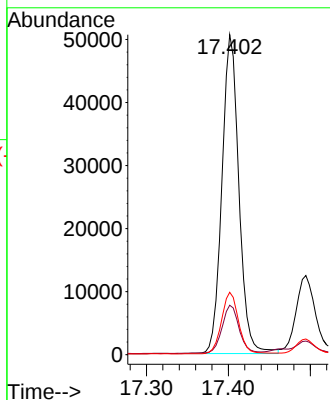
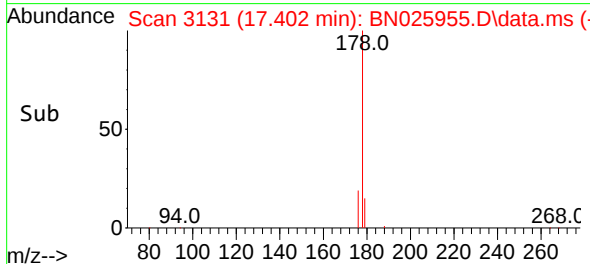
Instrument :
BNA_N
ClientSampleId :
DCFL5DL



Tgt Ion:178 Resp: 72937
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.5 15.8 23.6

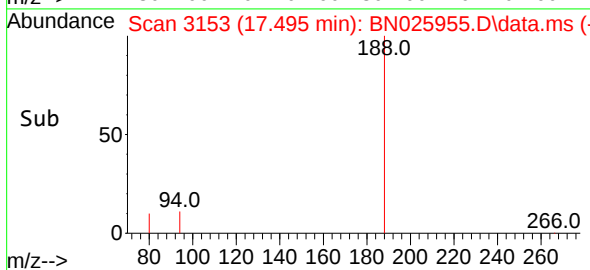
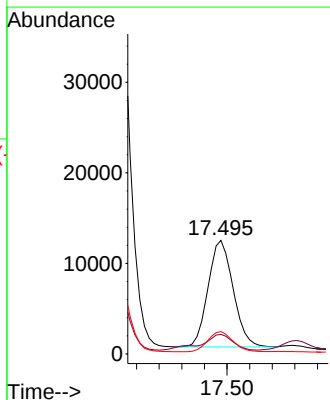
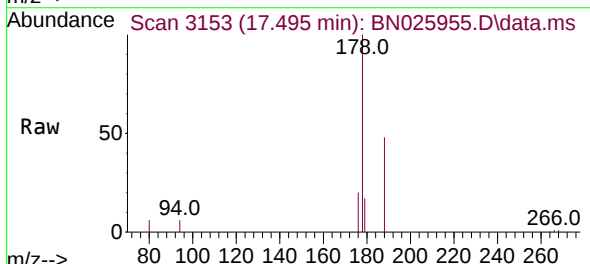
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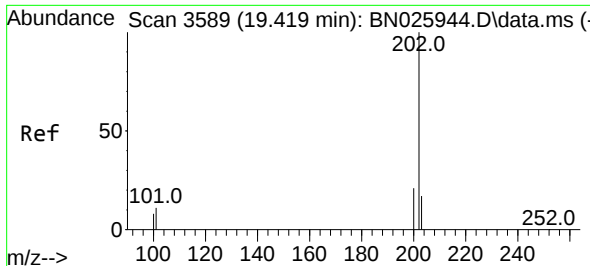
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.184 ng/u1
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

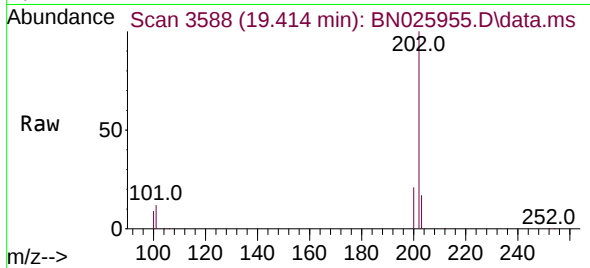
Tgt Ion:178 Resp: 18064
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 19.8 15.1 22.7





#19
Fluoranthene
Concen: 2.279 ng/ul
RT: 19.414 min Scan# 3589
Delta R.T. -0.005 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

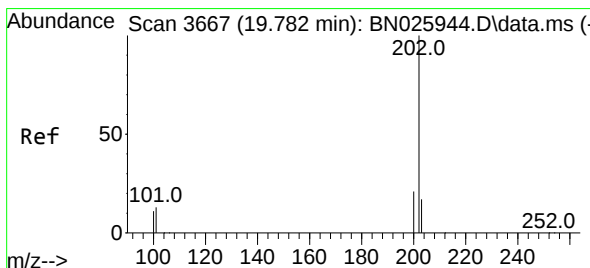
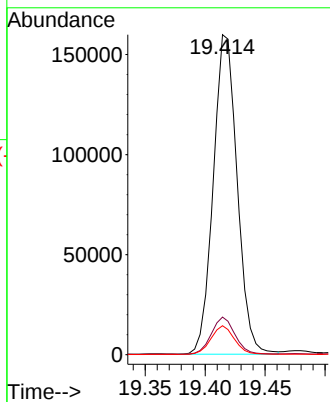
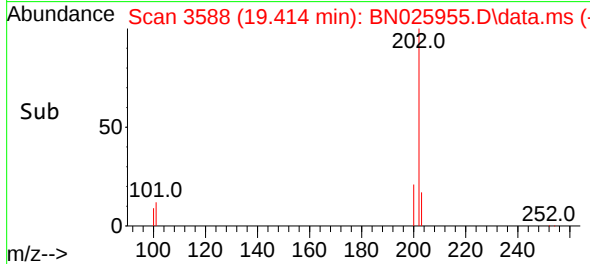
Instrument :
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DCFL5DL



Tgt Ion:202 Resp: 221745
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 9.0 7.3 10.9

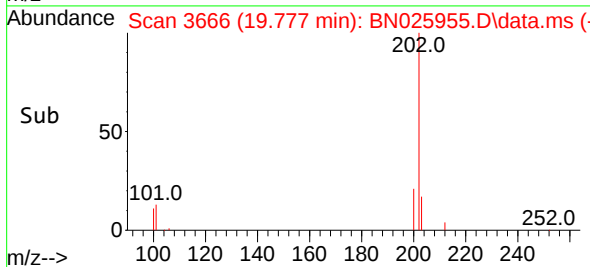
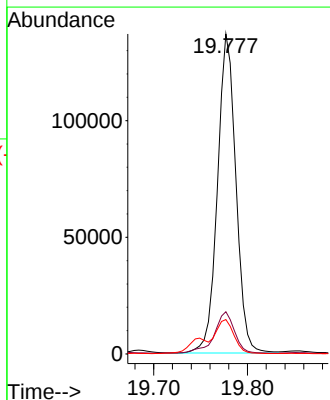
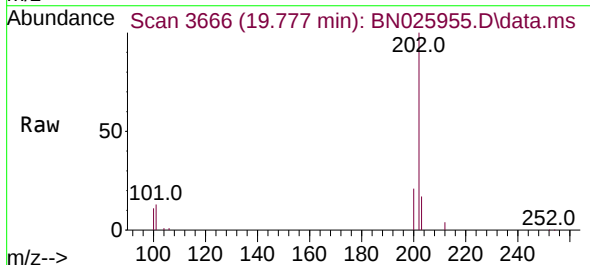
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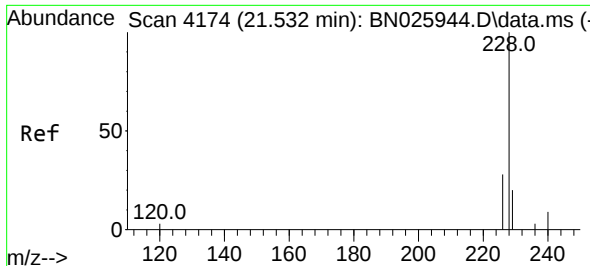
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 1.847 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

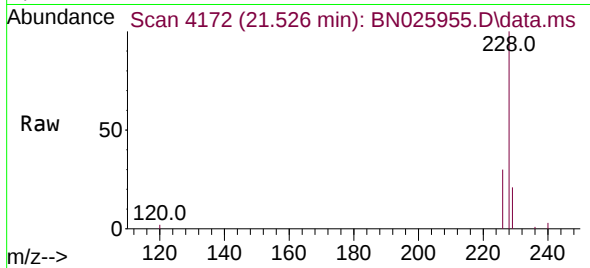
Tgt Ion:202 Resp: 186839
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.103 ng/ul
RT: 21.526 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

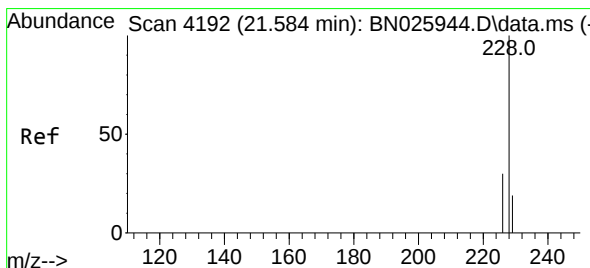
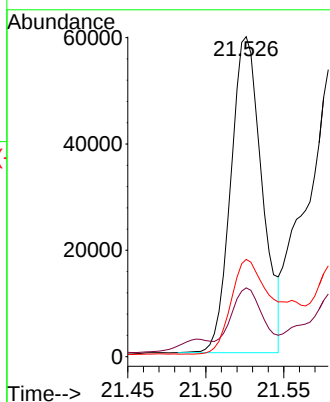
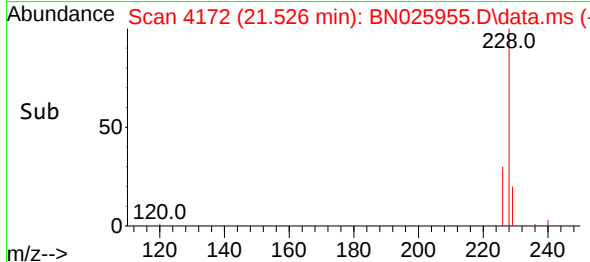
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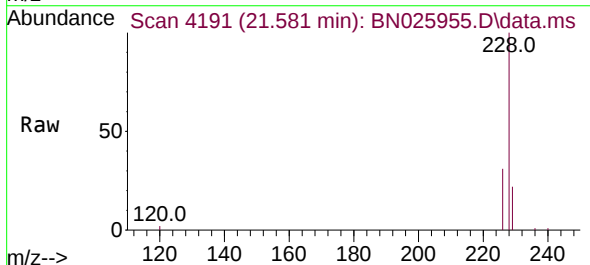
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Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 30.4 22.5 33.7

Manual Integrations
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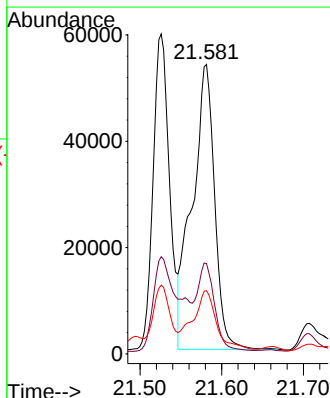
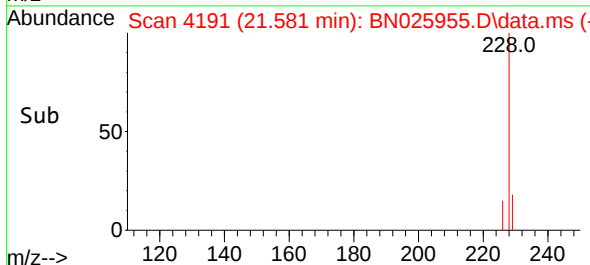
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

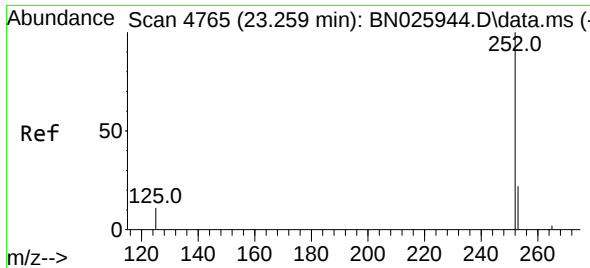


#22
Chrysene
Concen: 1.310 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48



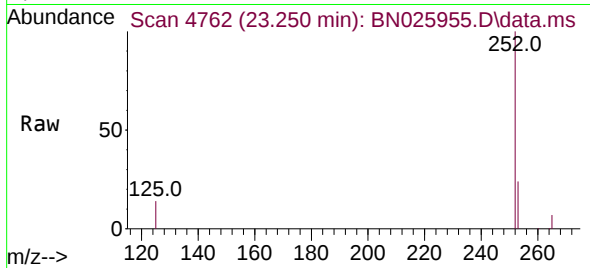
Tgt Ion:228 Resp: 102392
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.136 ng/ul m
RT: 23.250 min Scan# 4765
Delta R.T. -0.006 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

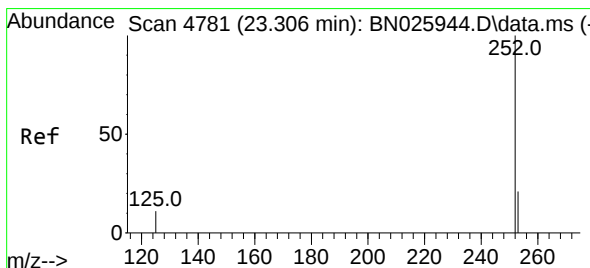
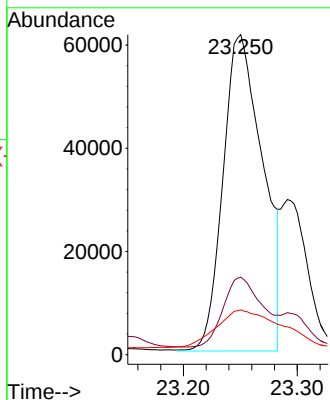
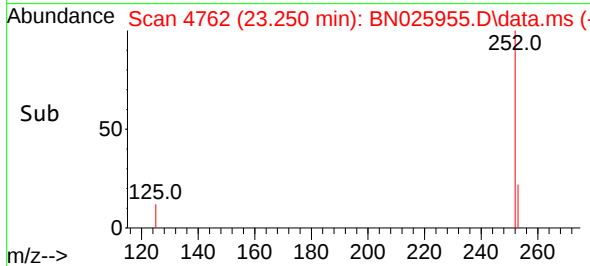
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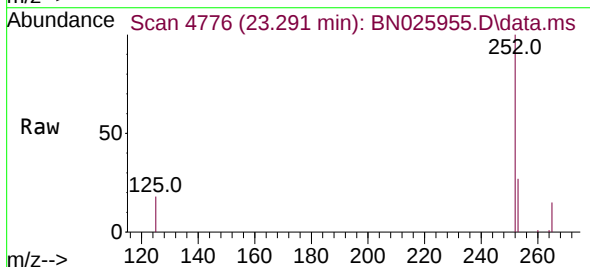
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Ion Ratio Lower Upper
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253 24.2 0.0 55.6
125 14.0 0.0 35.8

Manual Integrations
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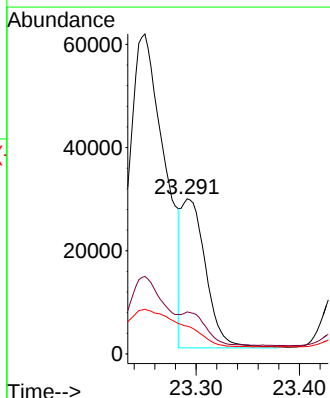
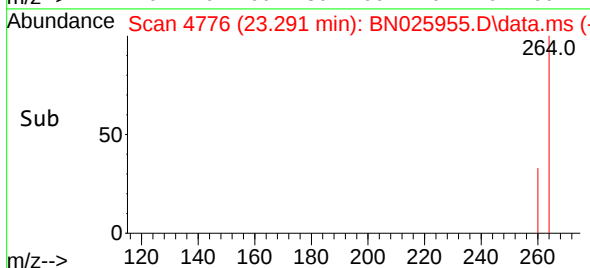
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

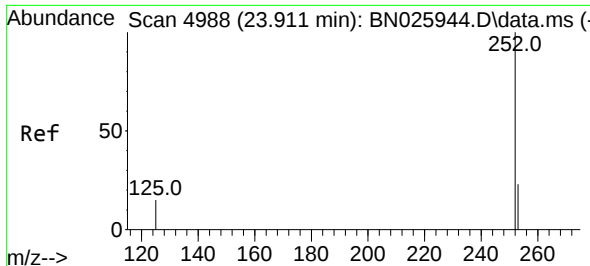


#25
Benzo(k)fluoranthene
Concen: 0.689 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.018 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48



Tgt Ion:252 Resp: 48158
Ion Ratio Lower Upper
252 100
253 27.1 23.2 34.8
125 17.9 15.0 22.4





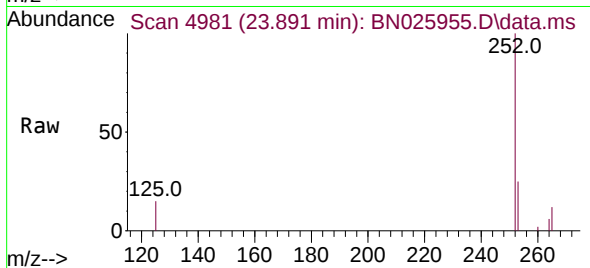
#26
Benzo(a)pyrene
Concen: 1.454 ng/ul
RT: 23.891 min Scan# 4988
Delta R.T. -0.018 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

Instrument :

BNA_N

ClientSampleId :

DCFL5DL

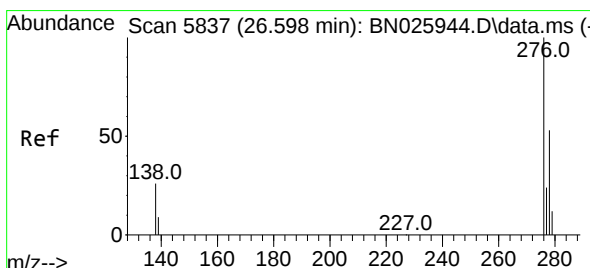
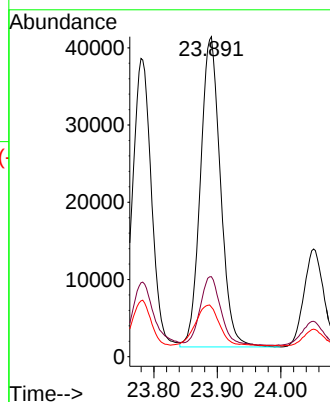
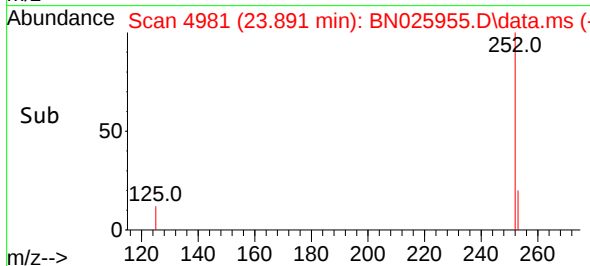


Tgt Ion:252 Resp: 87978
Ion Ratio Lower Upper
252 100
253 25.0 26.0 39.0
125 15.5 17.3 25.9

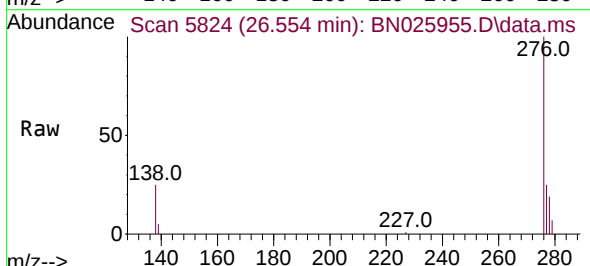
Manual Integrations

APPROVED

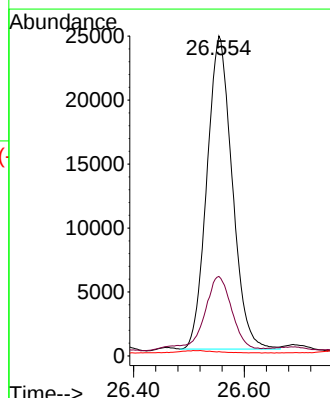
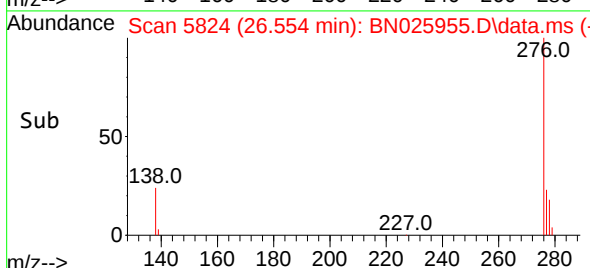
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

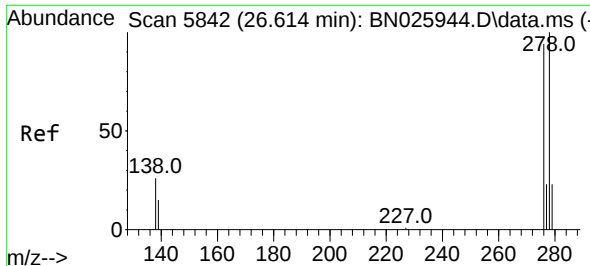


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.174 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.040 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48



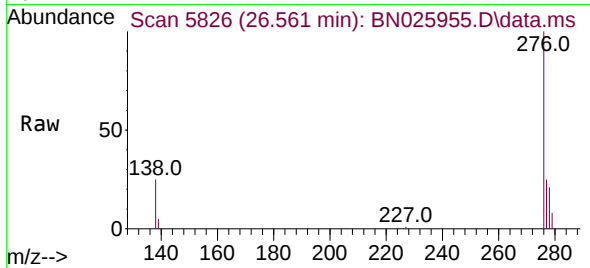
Tgt Ion:276 Resp: 77561
Ion Ratio Lower Upper
276 100
138 28.7 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. -0.061 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48

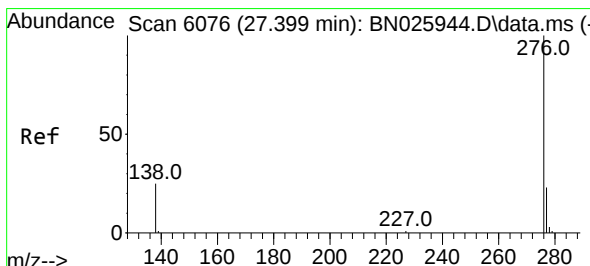
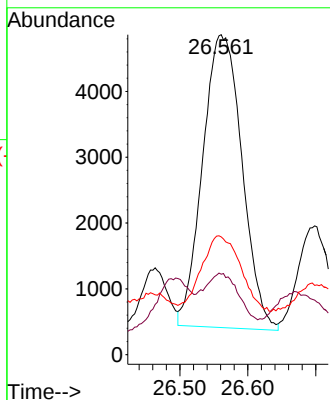
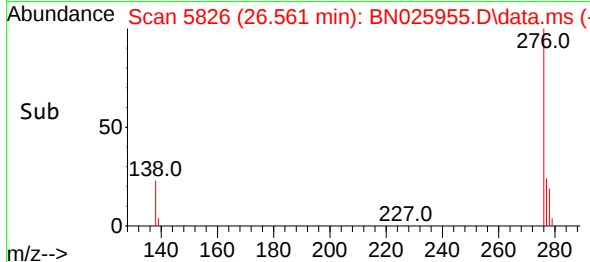
Instrument :
BNA_N
ClientSampleId :
DCFL5DL



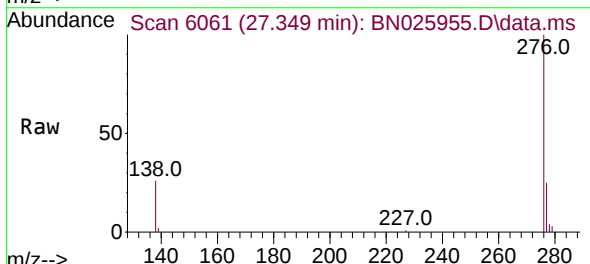
Tgt Ion:278 Resp: 17914
Ion Ratio Lower Upper
278 100
139 25.2 19.0 28.4
279 36.8 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#29
Benzo(g,h,i)perylene
Concen: 1.285 ng/ul
RT: 27.349 min Scan# 6061
Delta R.T. -0.037 min
Lab File: BN025955.D
Acq: 23 Jun 2023 01:48



Tgt Ion:276 Resp: 75524
Ion Ratio Lower Upper
276 100
138 26.2 23.4 35.0
277 24.6 20.0 30.0

