

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025979.D
 Acq On : 23 Jun 2023 22:03
 Operator : MA/JU
 Sample : 03083-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 01:01:42 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	7.976	152	9351	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	29021	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.616	164	18720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	38793	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	21150	0.400	ng/ul	# 0.00
23) Perylene-d12	24.016	264	19637	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	22041	2.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	7596	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	15928	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	97275	1.170	ng/ul	100
7) 2-Methylnaphthalene	12.447	142	62662	1.183	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	56956	1.038	ng/ul	100
10) Acenaphthylene	14.334	152	92293	1.053	ng/ul	97
11) Acenaphthene	14.676	153	8529	0.119	ng/ul	94
12) Fluorene	15.662	166	9474	0.115	ng/ul#	83
15) Phenanthrene	17.402	178	405615	3.165	ng/ul	99
16) Anthracene	17.490	178	46689	0.410	ng/ul	96
19) Fluoranthene	19.414	202	723287	6.403	ng/ul	99
20) Pyrene	19.777	202	556040	4.732	ng/ul	97
21) Benzo(a)anthracene	21.529	228	229073	2.625	ng/ul	94
22) Chrysene	21.584	228	305034	3.360	ng/ul	96
24) Benzo(b)fluoranthene	23.259	252	373113m	4.452	ng/ul	
25) Benzo(k)fluoranthene	23.303	252	125966m	1.497	ng/ul	
26) Benzo(a)pyrene	23.908	252	203519	2.796	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.601	276	174924	2.200	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.608	278	43168	0.717	ng/ul#	92
29) Benzo(g,h,i)perylene	27.399	276	183318	2.592	ng/ul	97

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

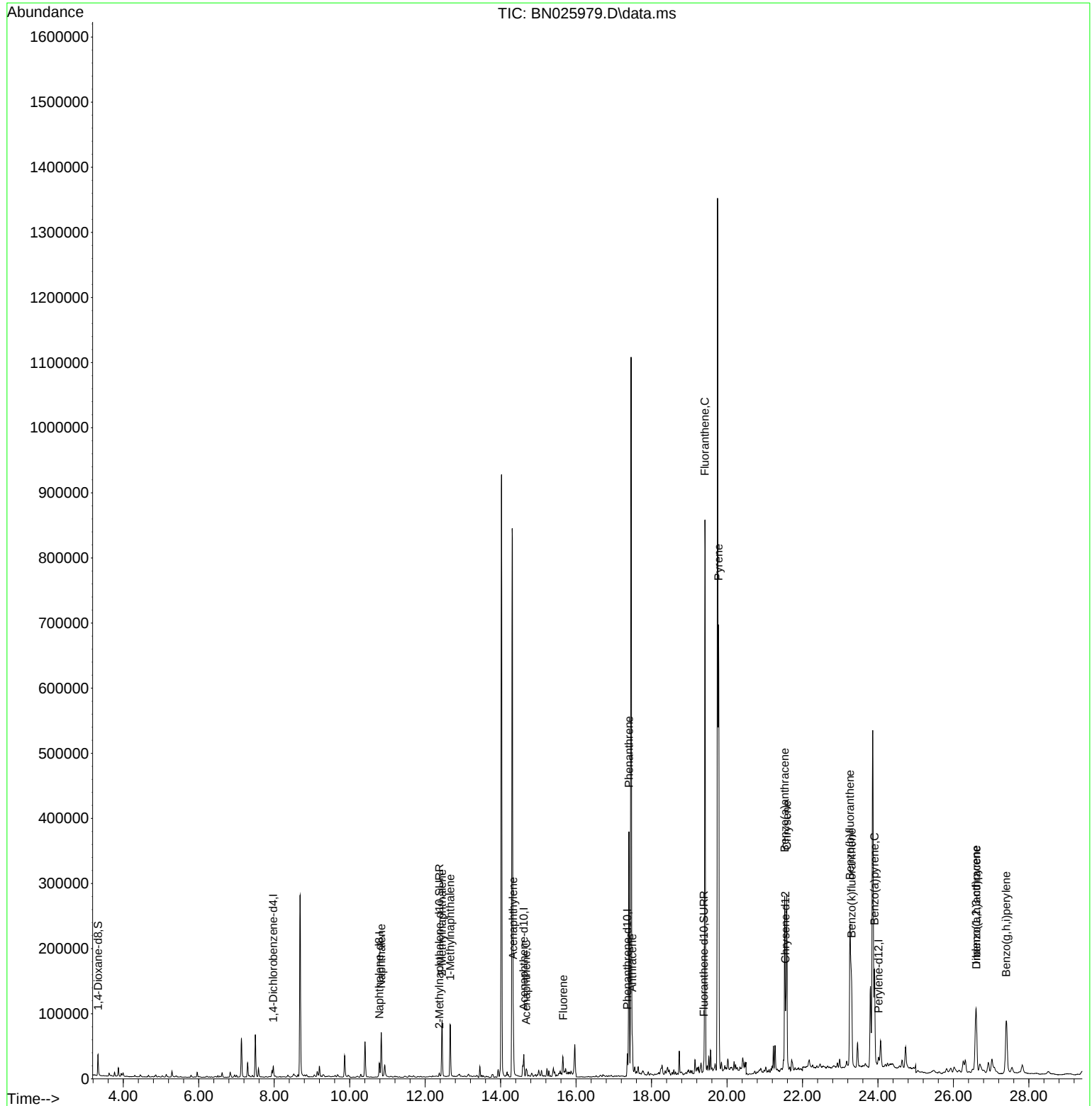
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025979.D
Acq On : 23 Jun 2023 22:03
Operator : MA/JU
Sample : 03083-05
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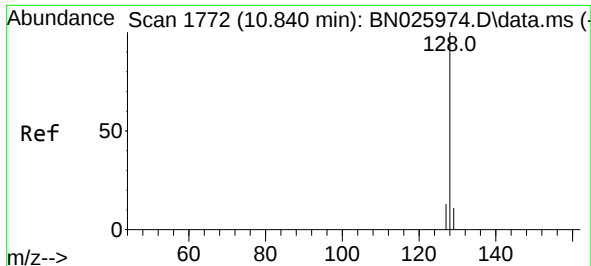
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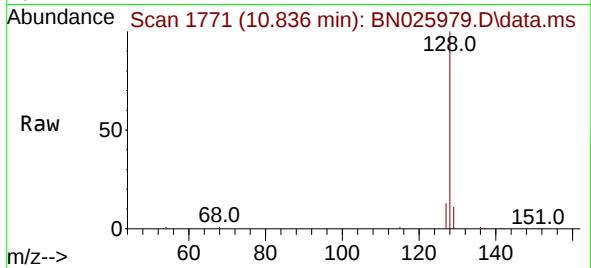
Quant Time: Jun 24 01:01:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.170 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

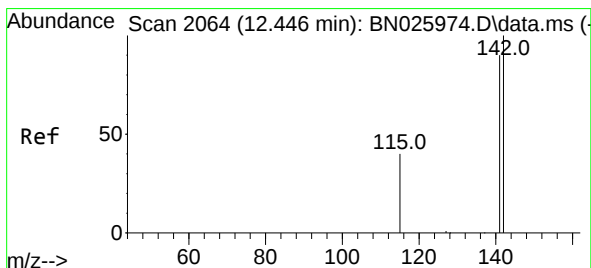
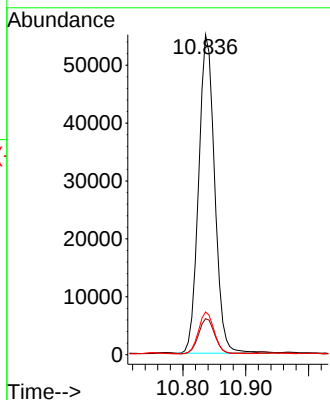
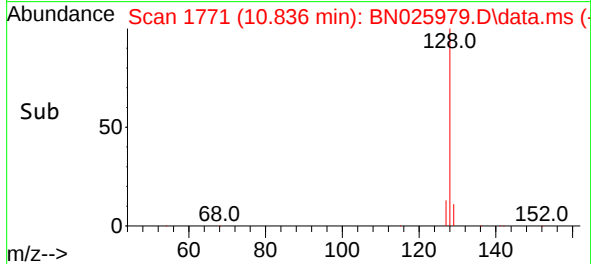
Instrument :
BNA_N
ClientSampleId :
DCFK3



Tgt Ion:128 Resp: 97275
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.7 16.1

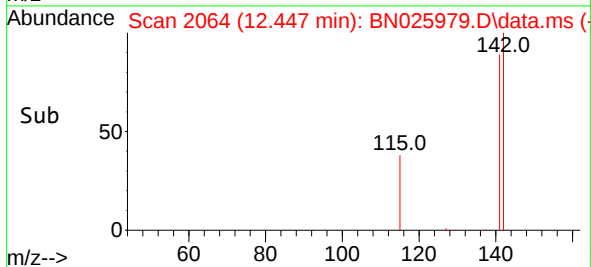
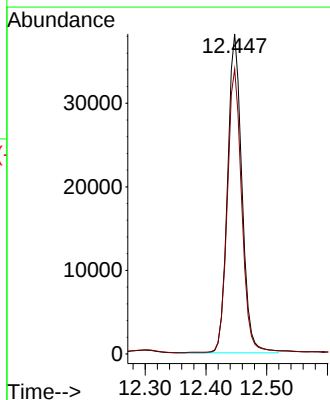
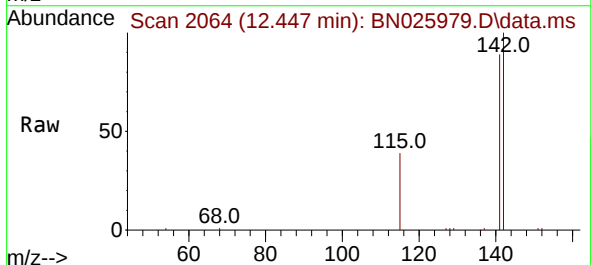
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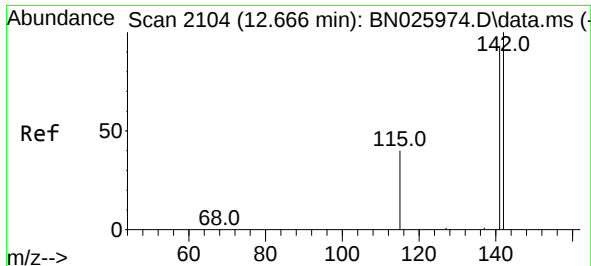
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 1.183 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

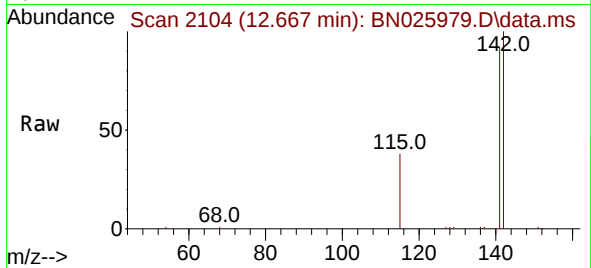
Tgt Ion:142 Resp: 62662
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 1.038 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

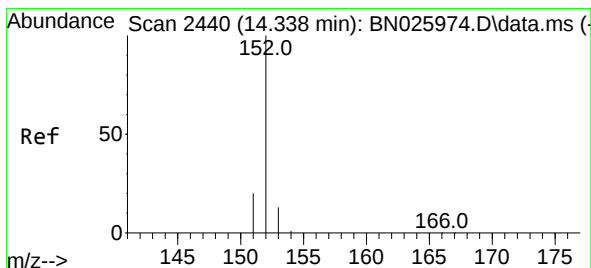
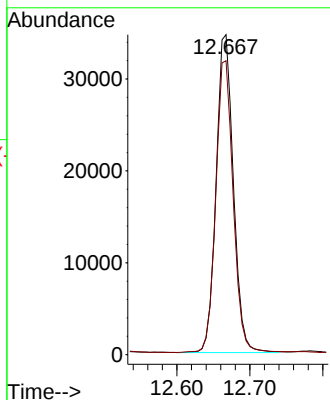
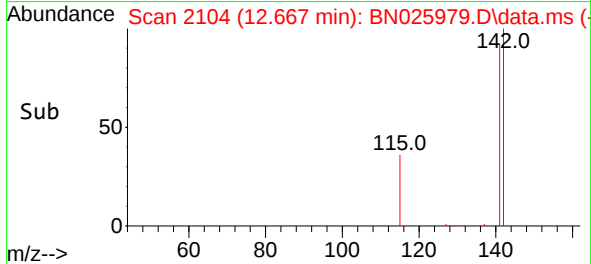
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 56950
Ion Ratio Lower Upper
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141 92.6 74.2 111.4

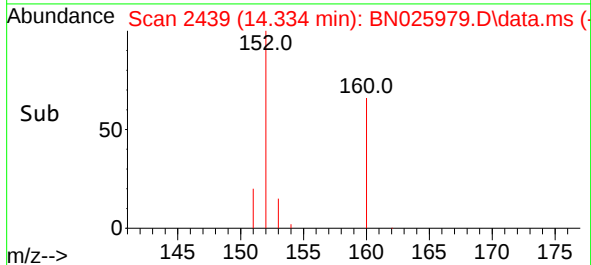
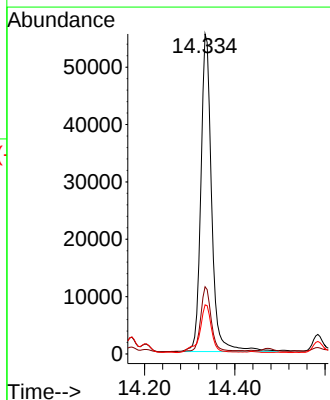
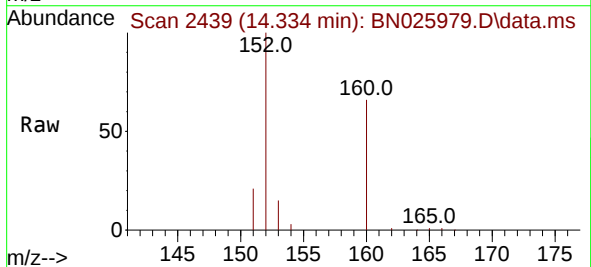
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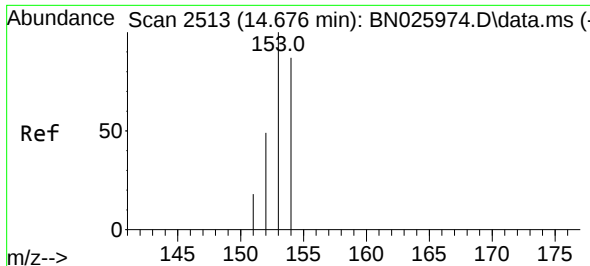
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 1.053 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

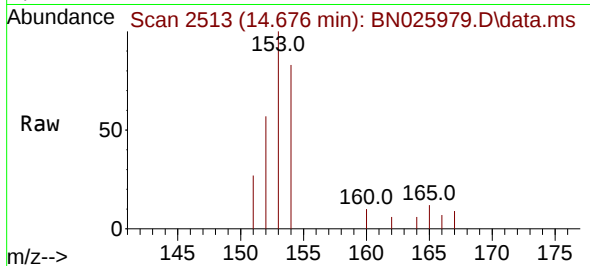
Tgt Ion:152 Resp: 92293
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 15.4 10.9 16.3





#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

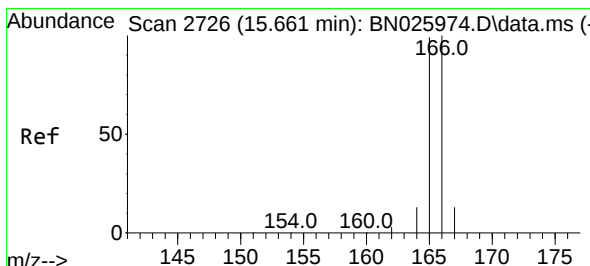
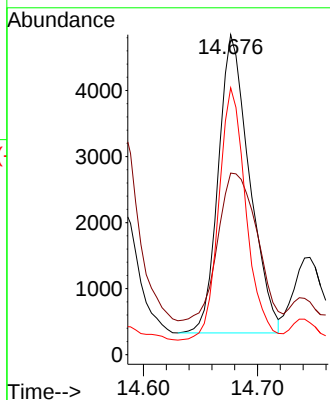
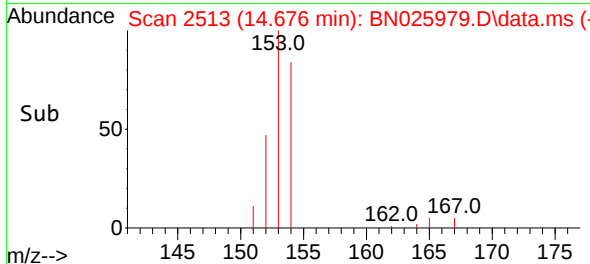
Instrument :
BNA_N
ClientSampleId :
DCFK3



Tgt Ion:153 Resp: 8529
Ion Ratio Lower Upper
153 100
152 56.7 39.4 59.0
154 83.4 68.9 103.3

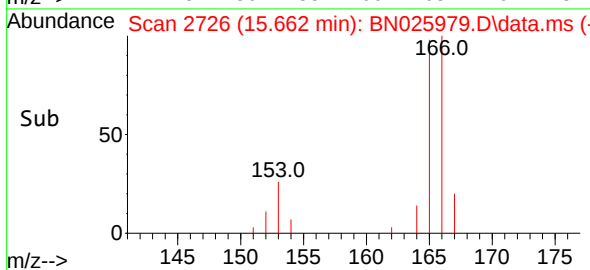
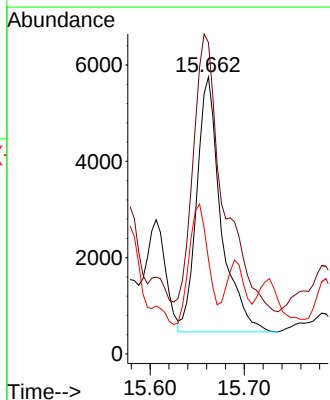
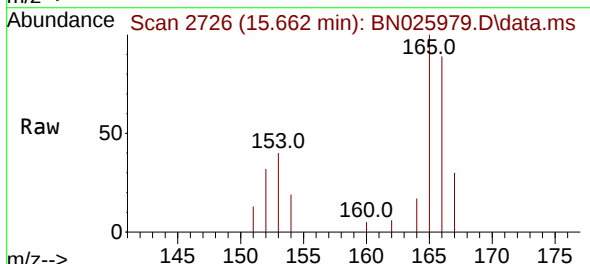
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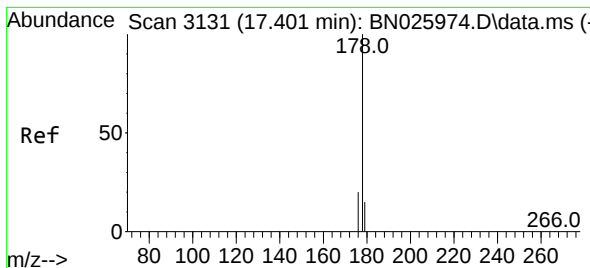
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.115 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

Tgt Ion:166 Resp: 9474
Ion Ratio Lower Upper
166 100
165 112.4 79.9 119.9
167 34.2 10.8 16.2#





#15

Phenanthrene

Concen: 3.165 ng/ul

RT: 17.402 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

Instrument :

BNA_N

ClientSampleId :

DCFK3

Tgt Ion:178 Resp: 40561

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

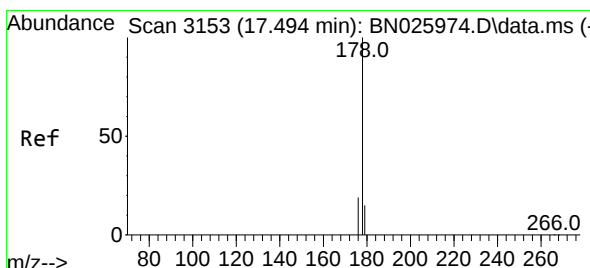
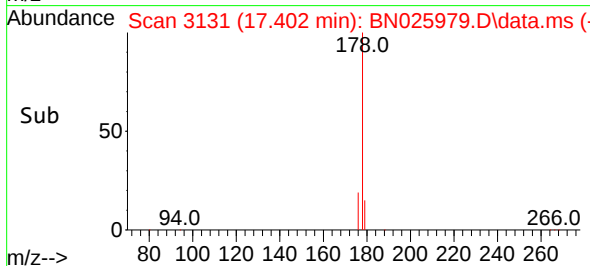
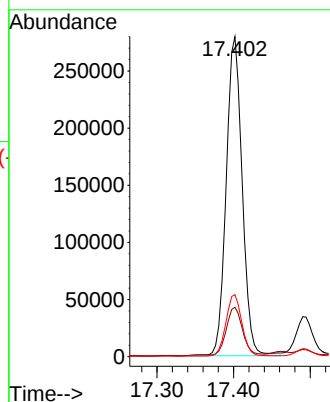
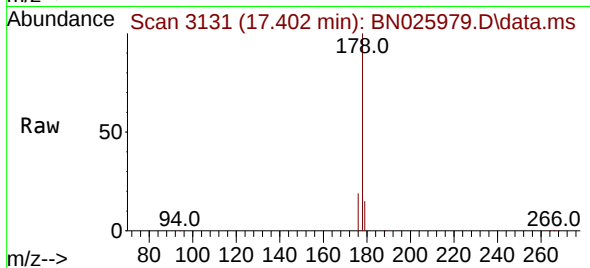
176 19.4 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2023

Supervised By :mohammad ahmed 06/25/2023



#16

Anthracene

Concen: 0.410 ng/ul

RT: 17.490 min Scan# 3152

Delta R.T. -0.009 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

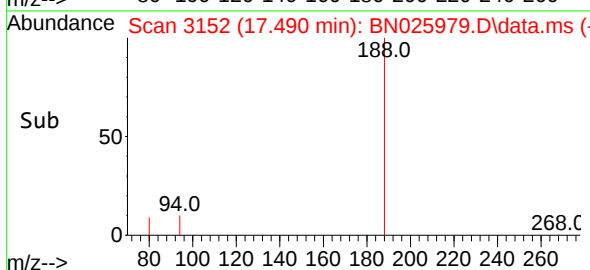
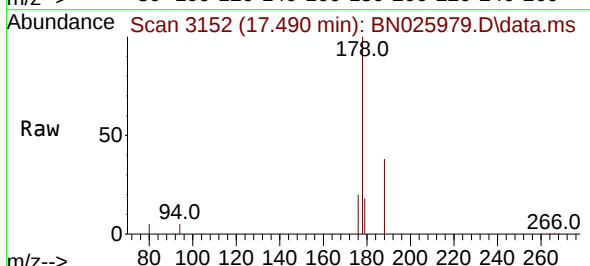
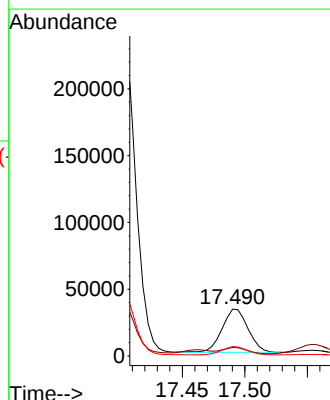
Tgt Ion:178 Resp: 46689

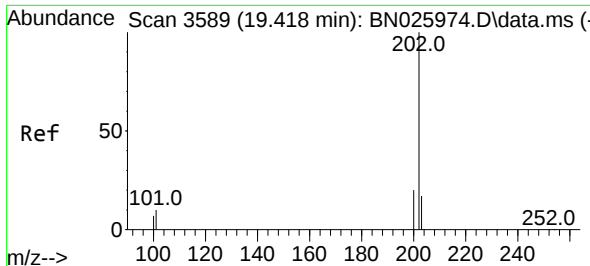
Ion Ratio Lower Upper

178 100

179 18.0 12.6 18.8

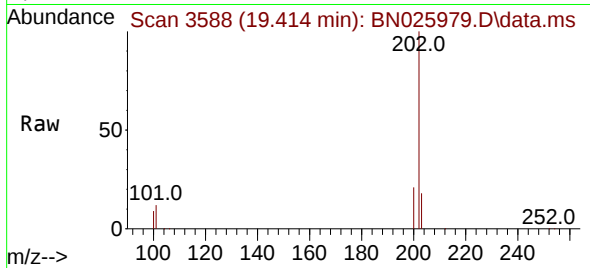
176 20.1 15.1 22.7





#19
Fluoranthene
Concen: 6.403 ng/u1
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

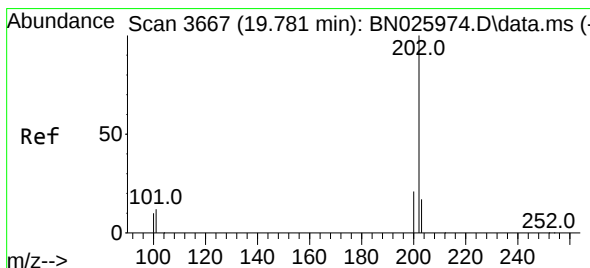
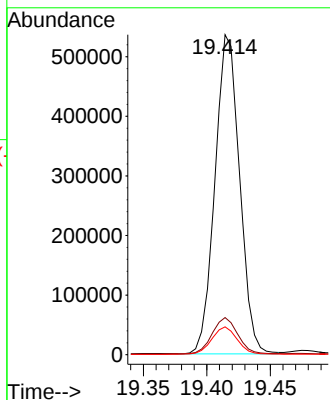
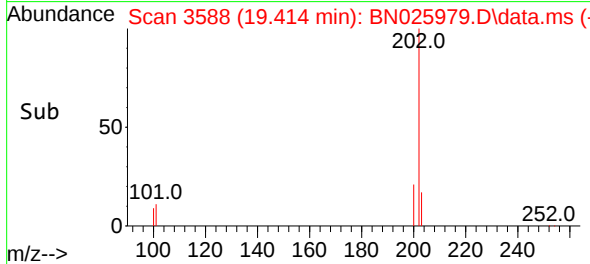
Instrument :
BNA_N
ClientSampleId :
DCFK3



Tgt Ion:202 Resp: 72328
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 8.7 7.3 10.9

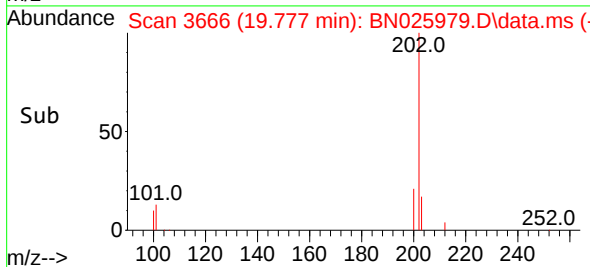
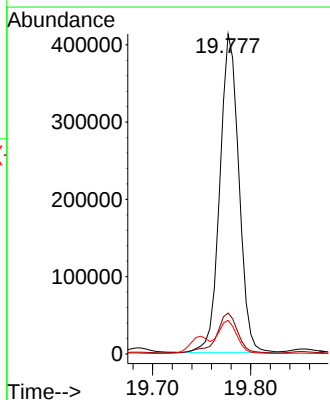
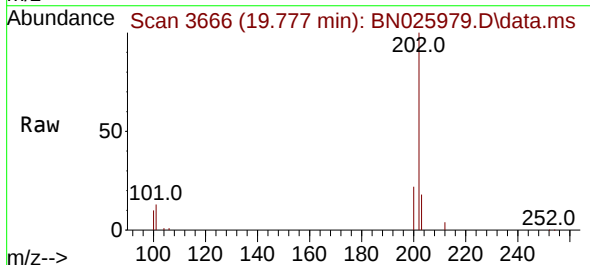
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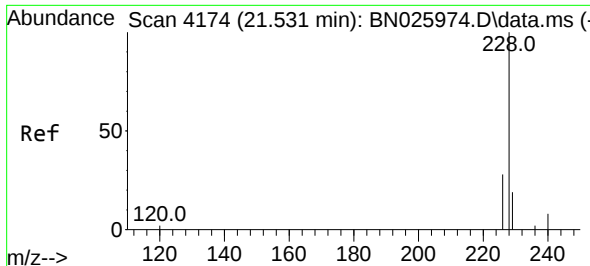
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 4.732 ng/u1
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

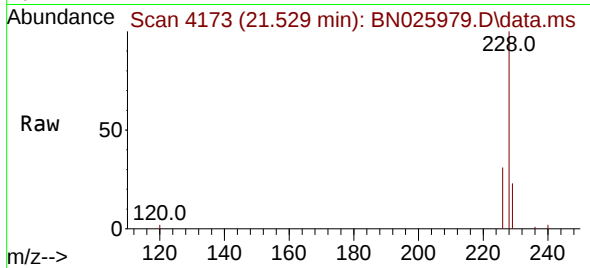
Tgt Ion:202 Resp: 556040
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.625 ng/u1
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

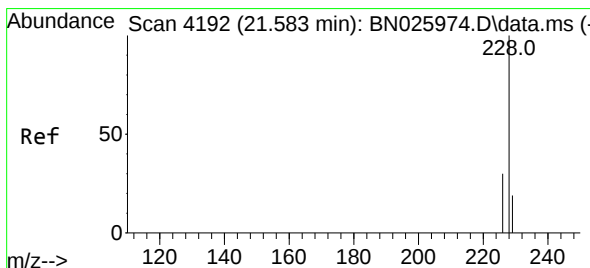
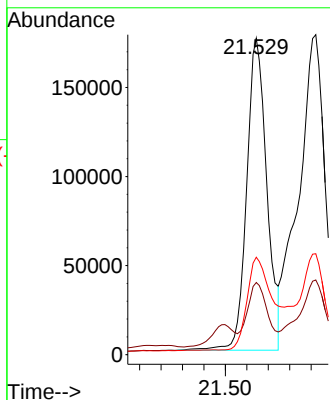
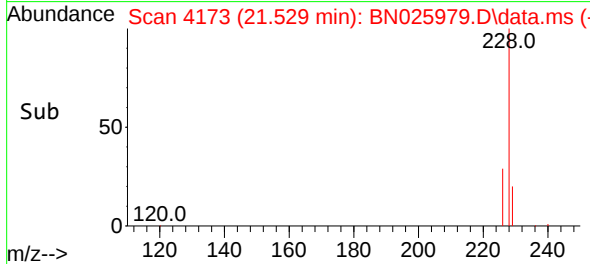
Instrument :
BNA_N
ClientSampleId :
DCFK3



Tgt Ion:228 Resp: 229073
Ion Ratio Lower Upper
228 100
229 22.8 15.8 23.6
226 30.8 22.5 33.7

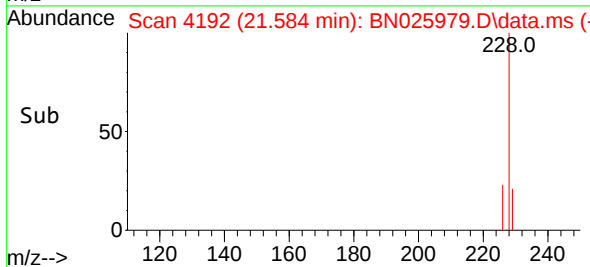
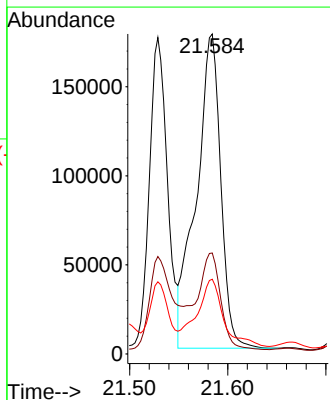
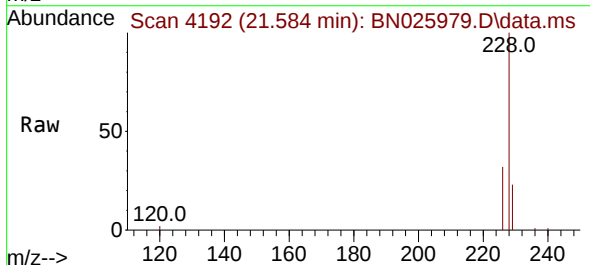
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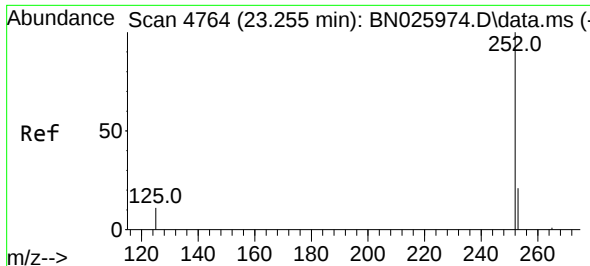
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 3.360 ng/u1
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

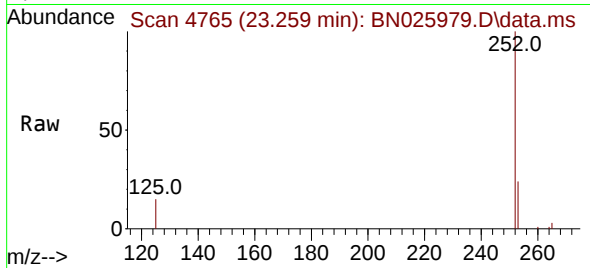
Tgt Ion:228 Resp: 305034
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 23.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.452 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

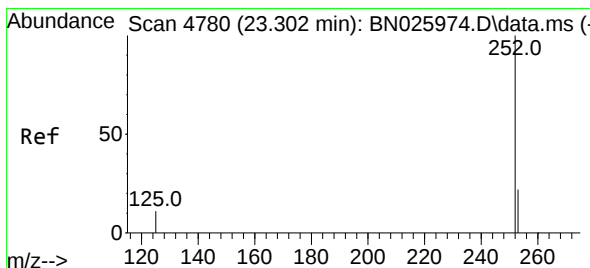
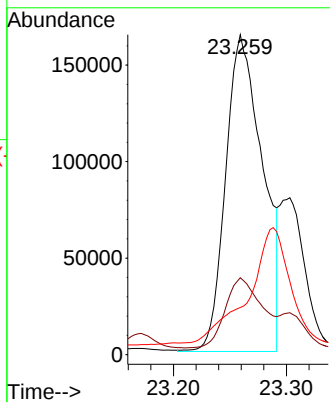
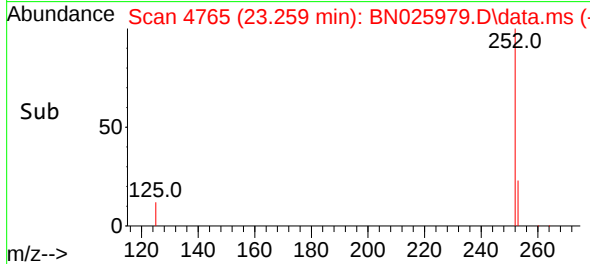
Instrument :
BNA_N
ClientSampleId :
DCFK3



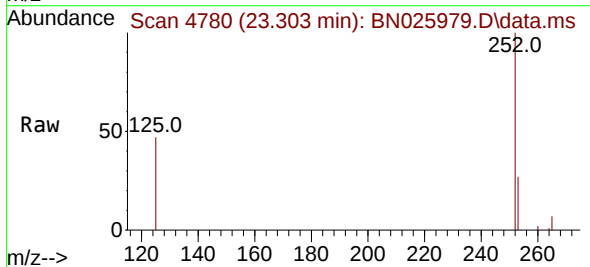
Tgt Ion:252 Resp: 373111
Ion Ratio Lower Upper
252 100
253 24.0 0.0 55.6
125 14.8 0.0 35.8

Manual Integrations
APPROVED

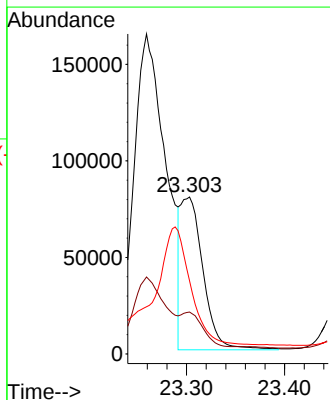
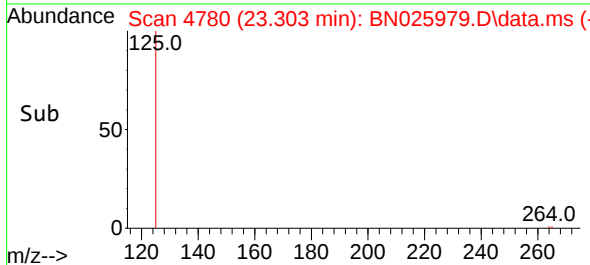
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

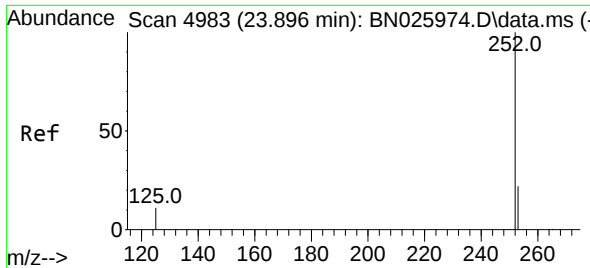


#25
Benzo(k)fluoranthene
Concen: 1.497 ng/ul m
RT: 23.303 min Scan# 4780
Delta R.T. -0.006 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03



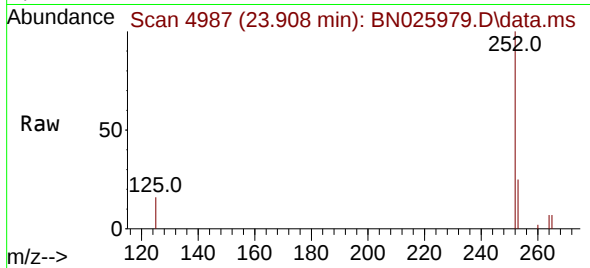
Tgt Ion:252 Resp: 125966
Ion Ratio Lower Upper
252 100
253 26.7 23.2 34.8
125 46.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 2.796 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. -0.000 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

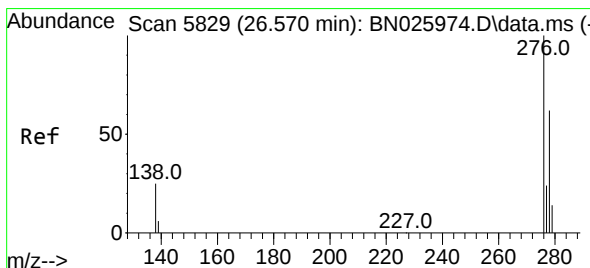
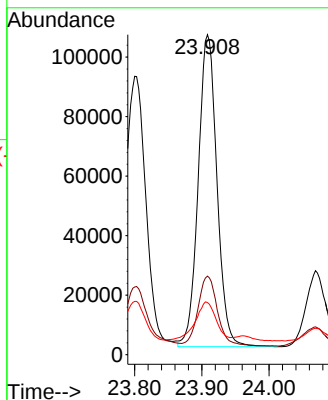
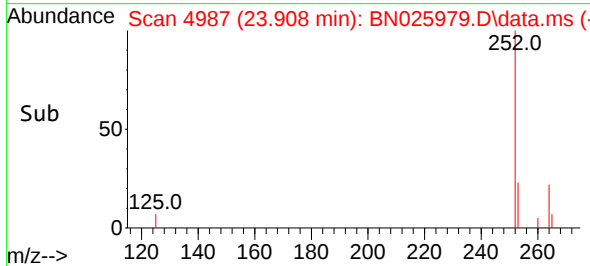
Instrument :
BNA_N
ClientSampleId :
DCFK3



Tgt Ion:252 Resp: 203519
Ion Ratio Lower Upper
252 100
253 24.6 26.0 39.0
125 16.3 17.3 25.9

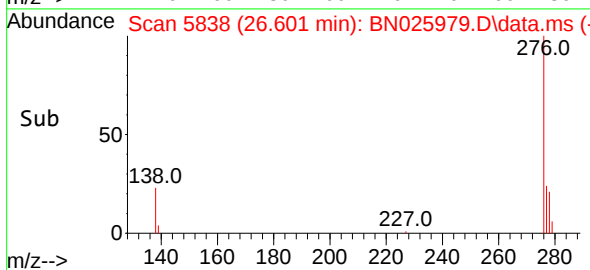
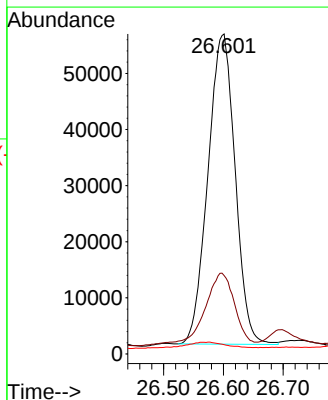
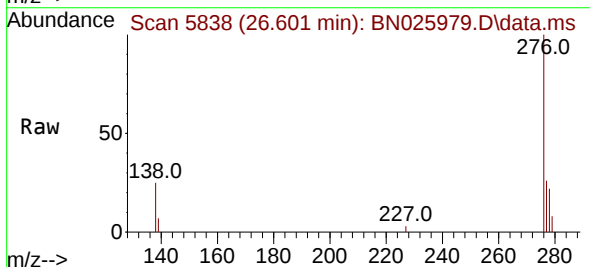
Manual Integrations
APPROVED

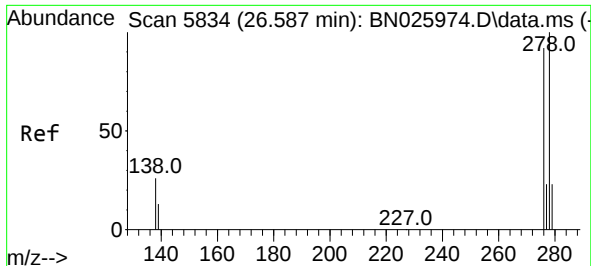
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.200 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. 0.007 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

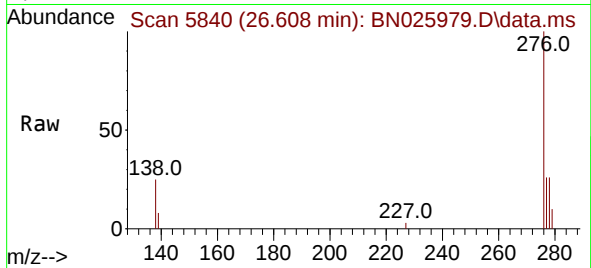
Tgt Ion:276 Resp: 174924
Ion Ratio Lower Upper
276 100
138 26.2 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.717 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. -0.014 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

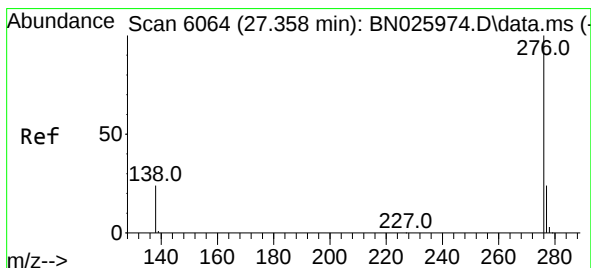
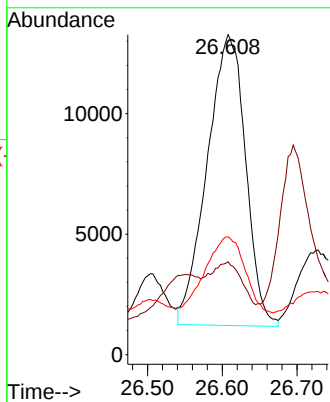
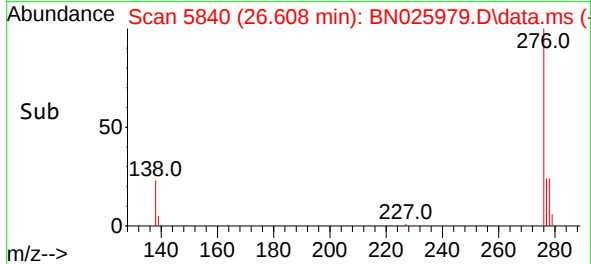
Instrument :
BNA_N
ClientSampleId :
DCFK3



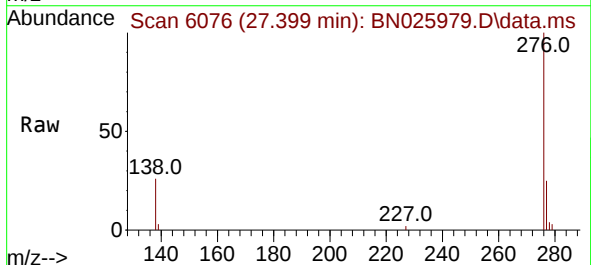
Tgt Ion:278 Resp: 43168
Ion Ratio Lower Upper
278 100
139 29.0 19.0 28.4
279 36.9 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 2.592 ng/ul
RT: 27.399 min Scan# 6076
Delta R.T. 0.013 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03



Tgt Ion:276 Resp: 183318
Ion Ratio Lower Upper
276 100
138 26.4 23.4 35.0
277 25.2 20.0 30.0

