

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025987.D
 Acq On : 24 Jun 2023 02:57
 Operator : MA/JU
 Sample : 03083-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK3DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 03:29:57 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	7090	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	22078	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	13737	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	30418	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	21930	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	17927	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	3937	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	1276	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3063	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	16715	0.264	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	10341	0.257	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	9547	0.229	ng/ul	100
10) Acenaphthylene	14.339	152	18265	0.284	ng/ul	97
11) Acenaphthene	14.677	153	1553	0.030	ng/ul#	91
12) Fluorene	15.662	166	1659	0.027	ng/ul#	78
15) Phenanthrene	17.402	178	73820	0.735	ng/ul	100
16) Anthracene	17.495	178	8005	0.090	ng/ul#	94
19) Fluoranthene	19.415	202	146452	1.250	ng/ul	99
20) Pyrene	19.777	202	118972	0.977	ng/ul	98
21) Benzo(a)anthracene	21.526	228	53046	0.586	ng/ul	94
22) Chrysene	21.579	228	73550	0.781	ng/ul	96
24) Benzo(b)fluoranthene	23.248	252	83069m	1.086	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	29255m	0.381	ng/ul	
26) Benzo(a)pyrene	23.885	252	43137	0.649	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.558	276	33772	0.465	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.571	278	8312	0.151	ng/ul#	71
29) Benzo(g,h,i)perylene	27.352	276	34888	0.540	ng/ul	98

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

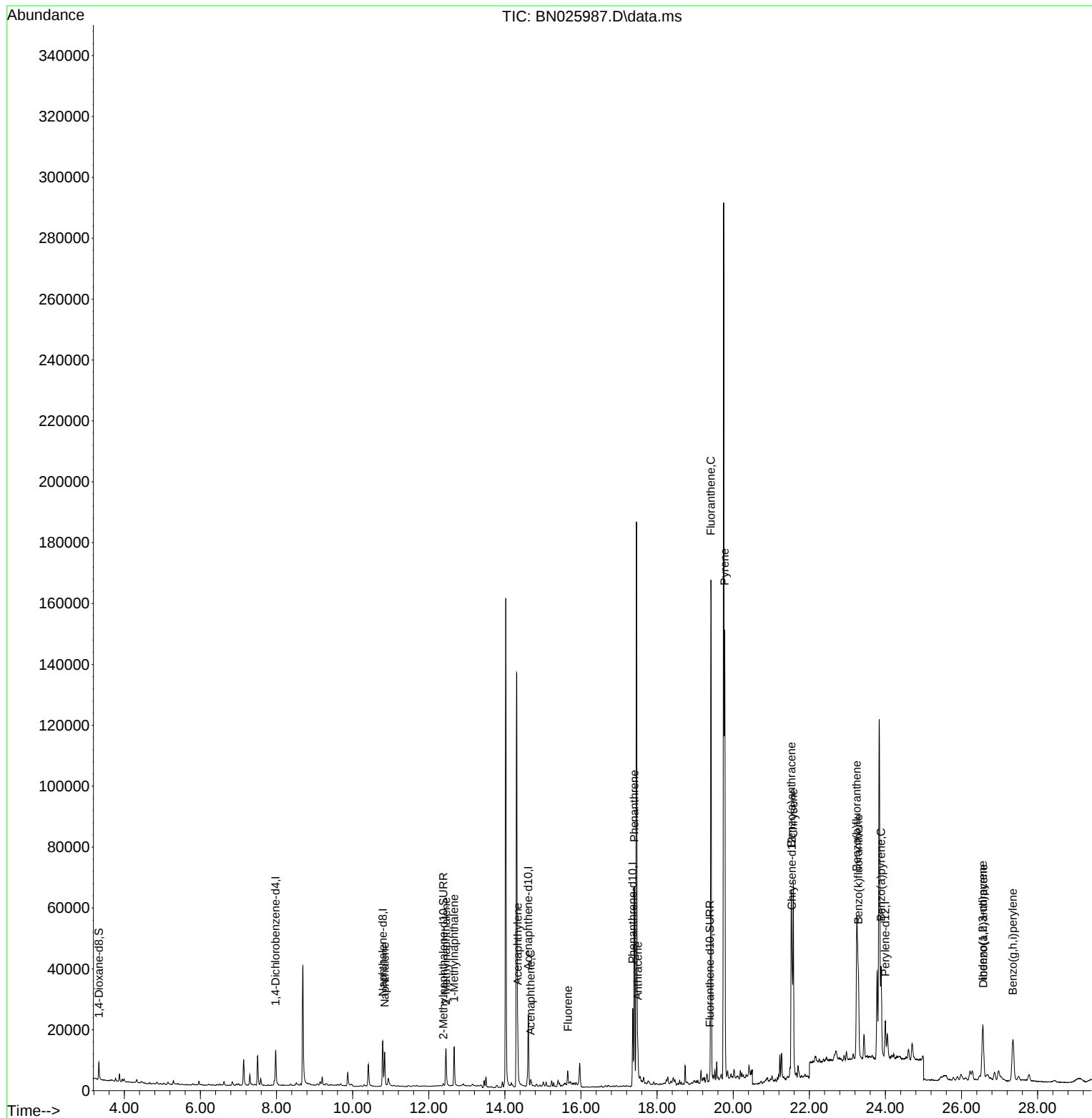
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025987.D
Acq On : 24 Jun 2023 02:57
Operator : MA/JU
Sample : 03083-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

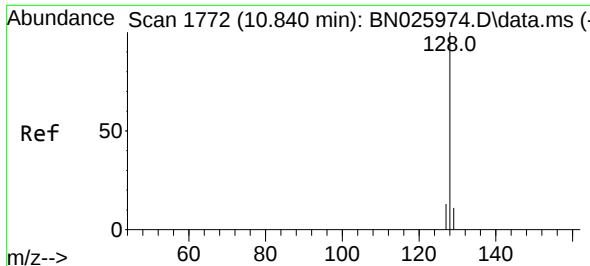
Instrument :
BNA_N
ClientSampleId :
DCFK3DL

Manual Integrations
APPROVED

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

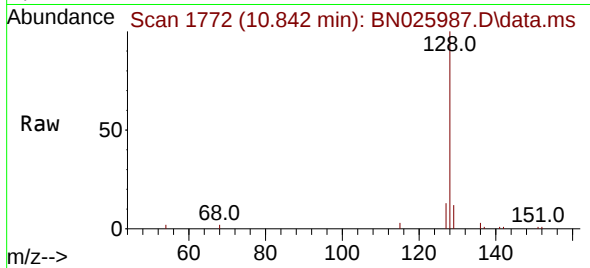
Quant Time: Jun 24 03:29:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.264 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

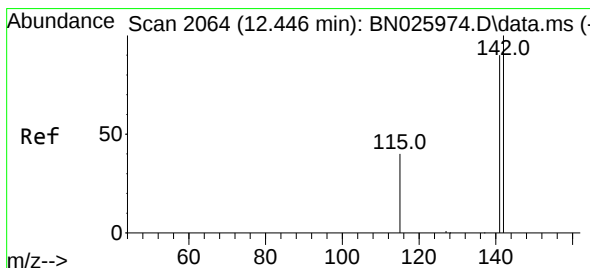
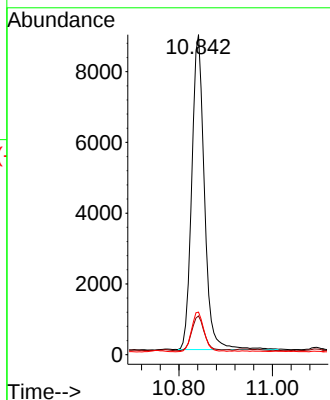
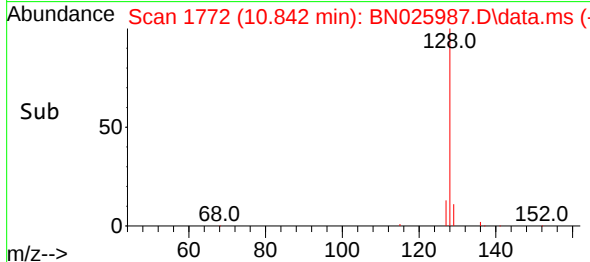
Instrument :
BNA_N
ClientSampleId :
DCFK3DL



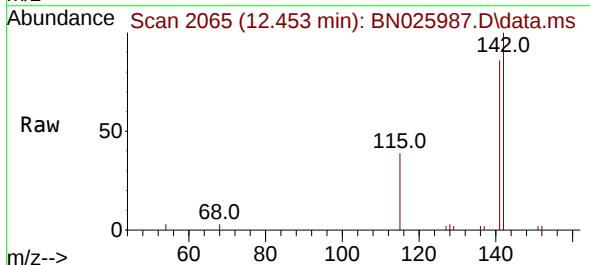
Tgt Ion:128 Resp: 16715
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.3 10.7 16.1

Manual Integrations
APPROVED

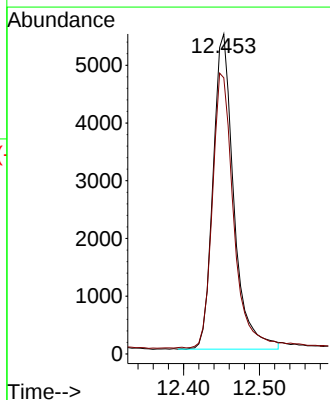
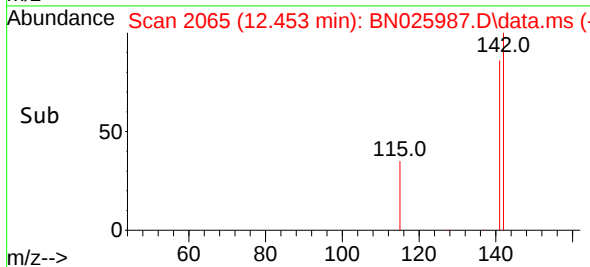
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

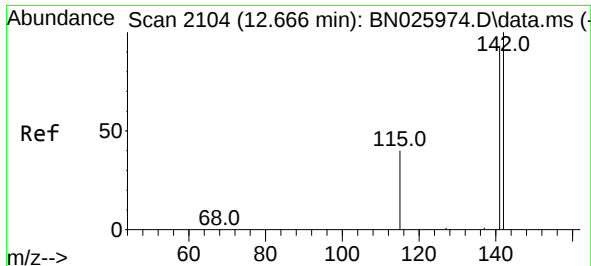


#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57



Tgt Ion:142 Resp: 10341
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





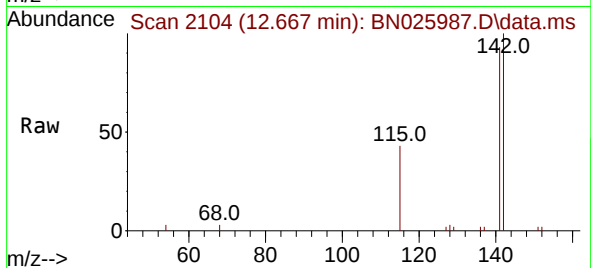
#8
1-Methylnaphthalene
Concen: 0.229 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

Instrument :

BNA_N

ClientSampleId :

DCFK3DL

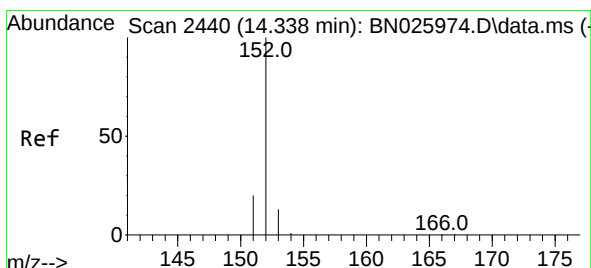
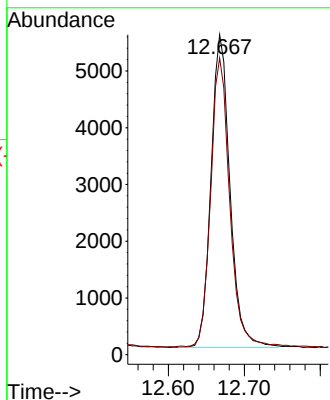
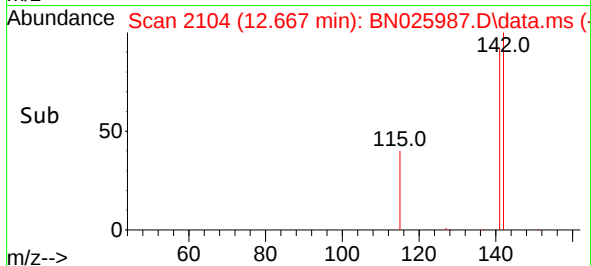


Tgt Ion:142 Resp: 954
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

Manual Integrations

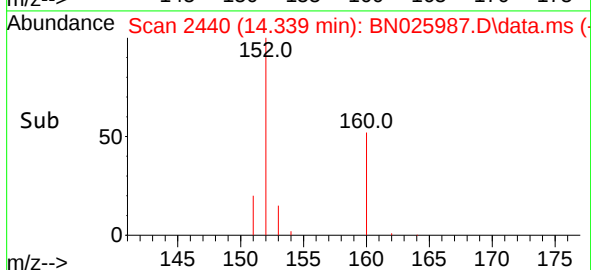
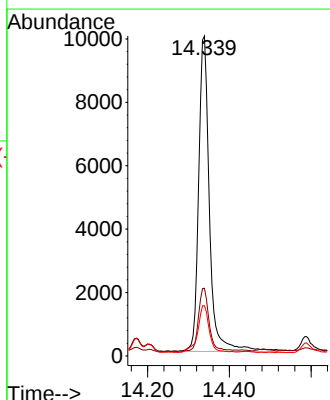
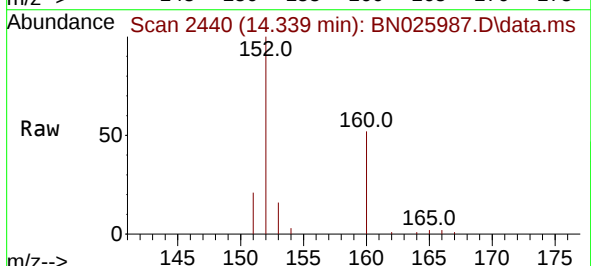
APPROVED

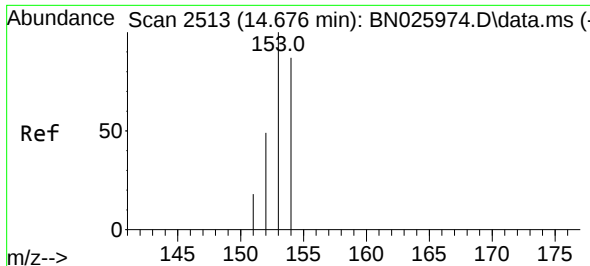
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.284 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

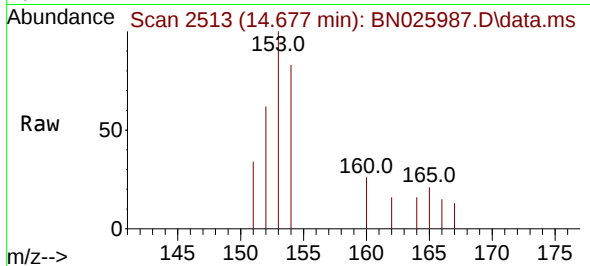
Tgt Ion:152 Resp: 18265
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 15.7 10.9 16.3





#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.677 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

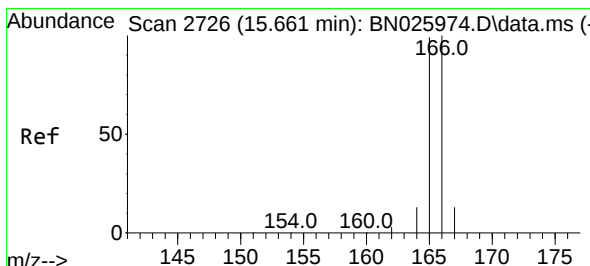
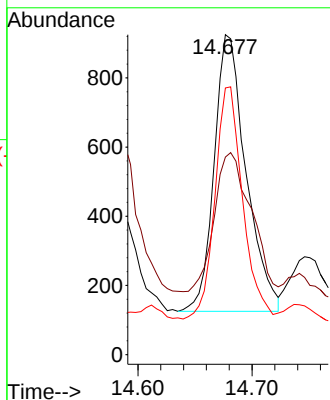
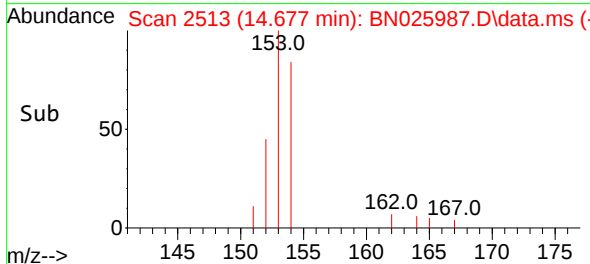
Instrument :
BNA_N
ClientSampleId :
DCFK3DL



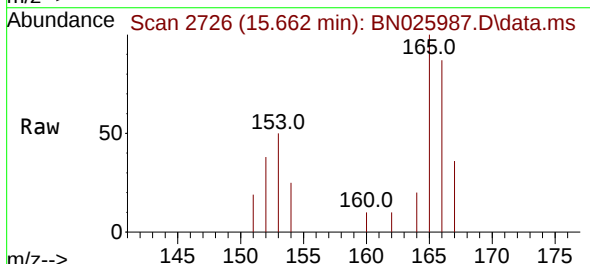
Tgt Ion:153 Resp: 155
Ion Ratio Lower Upper
153 100
152 61.7 39.4 59.0
154 83.4 68.9 103.3

Manual Integrations
APPROVED

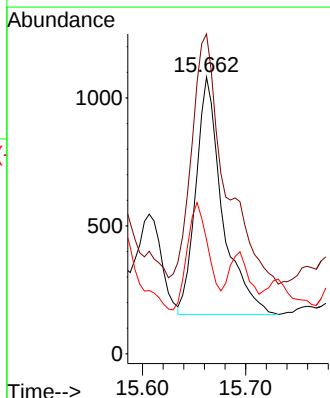
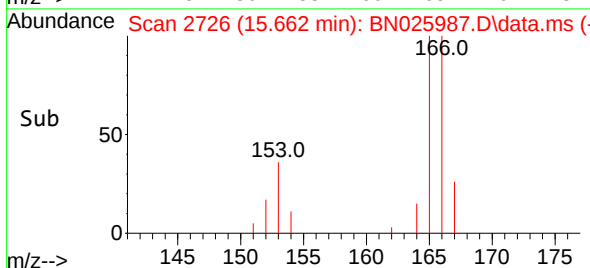
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

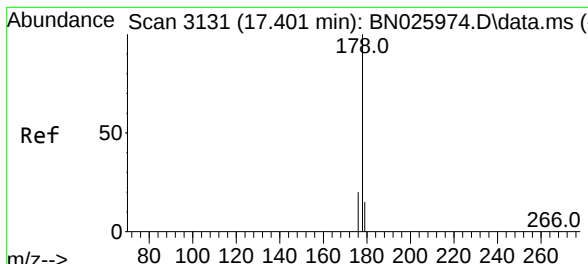


#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57



Tgt Ion:166 Resp: 1659
Ion Ratio Lower Upper
166 100
165 115.5 79.9 119.9
167 41.2 10.8 16.2#



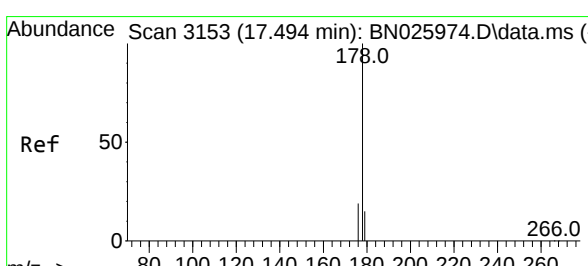
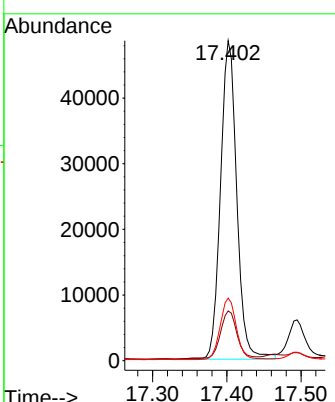
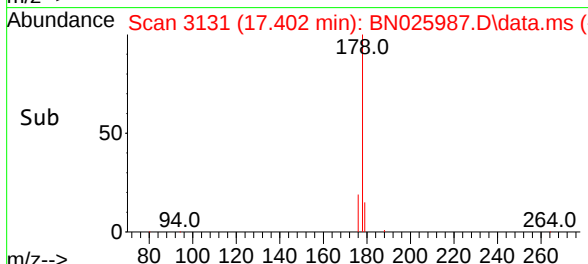
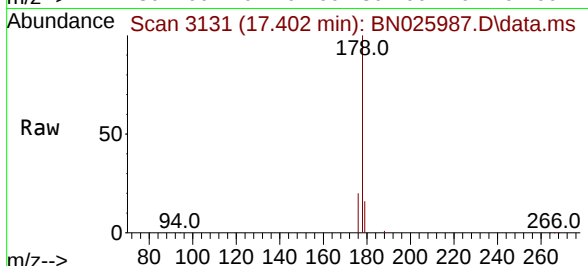


#15
 Phenanthrene
 Concen: 0.735 ng/u1
 RT: 17.402 min Scan# 3131
 Delta R.T. -0.004 min
 Lab File: BN025987.D
 Acq: 24 Jun 2023 02:57

Instrument : BNA_N
 ClientSampleId : DCFK3DL

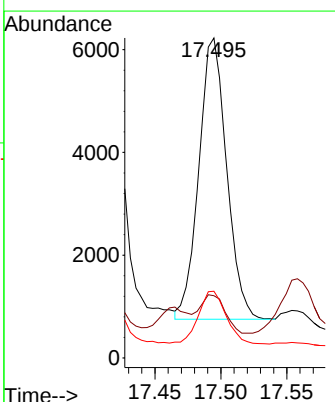
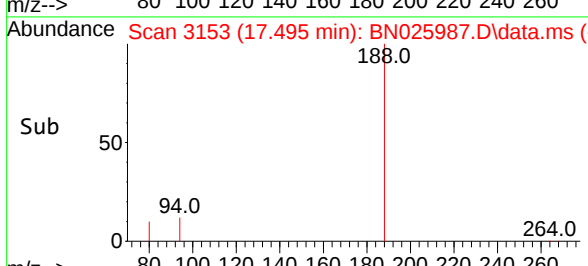
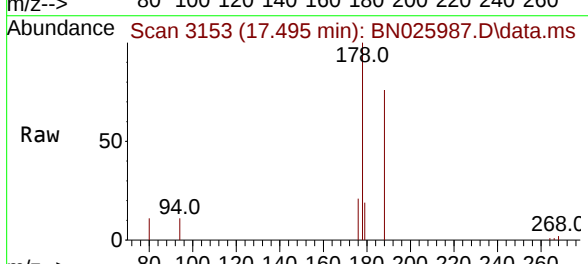
Tgt Ion:	178	Resp:	73820
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	19.6	15.8	23.6

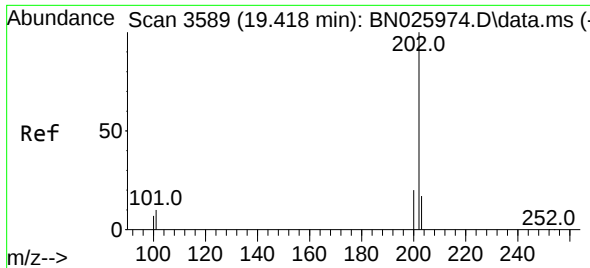
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023



#16
 Anthracene
 Concen: 0.090 ng/u1
 RT: 17.495 min Scan# 3153
 Delta R.T. -0.004 min
 Lab File: BN025987.D
 Acq: 24 Jun 2023 02:57

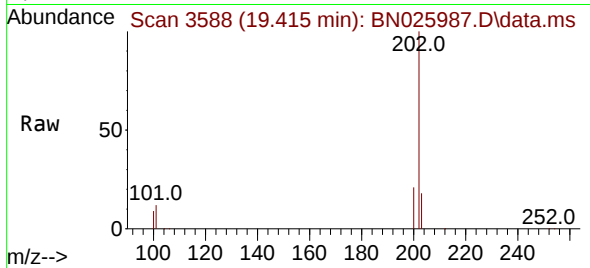
Tgt Ion:	178	Resp:	8005
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.6	18.8
176	20.9	15.1	22.7





#19
Fluoranthene
Concen: 1.250 ng/ul
RT: 19.415 min Scan# 3589
Delta R.T. -0.005 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

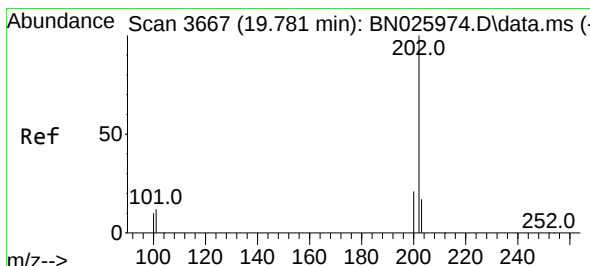
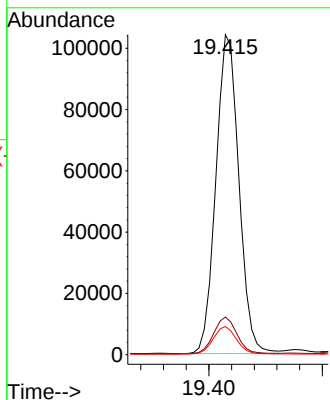
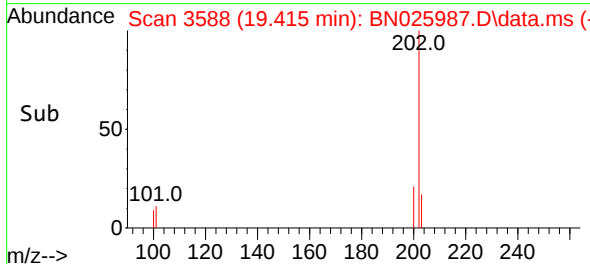
Instrument :
BNA_N
ClientSampleId :
DCFK3DL



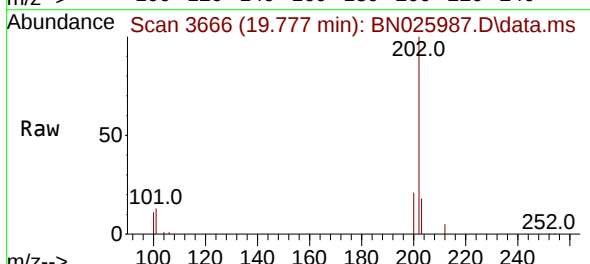
Tgt Ion:202 Resp: 146452
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 8.8 7.3 10.9

Manual Integrations
APPROVED

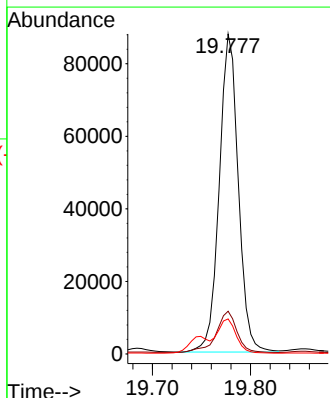
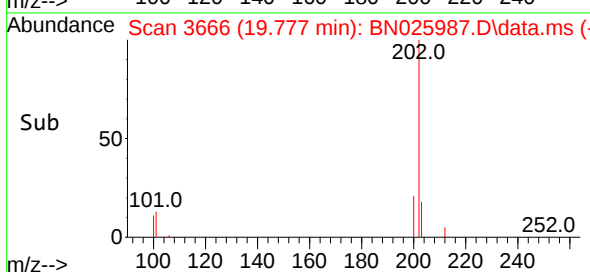
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

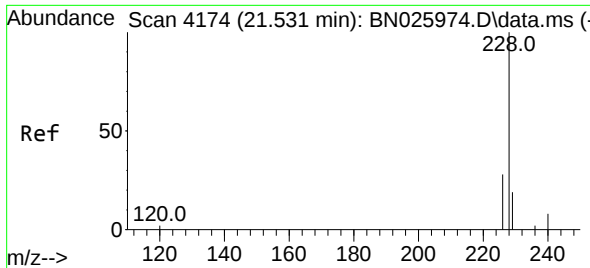


#20
Pyrene
Concen: 0.977 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57



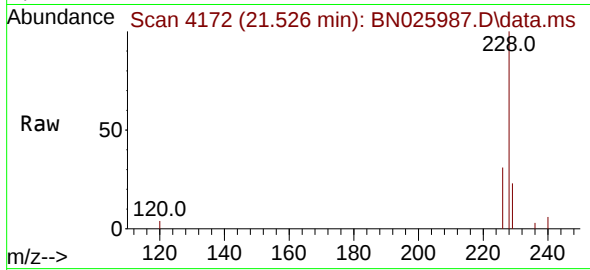
Tgt Ion:202 Resp: 118972
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.586 ng/u1
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

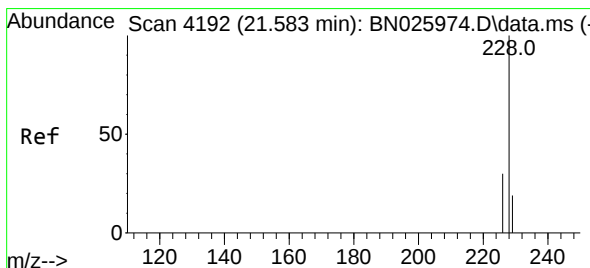
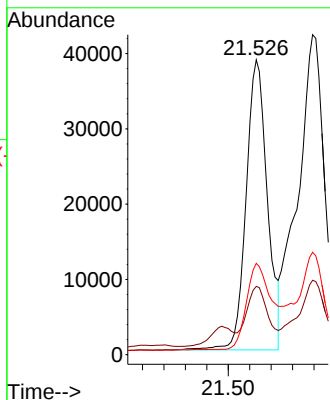
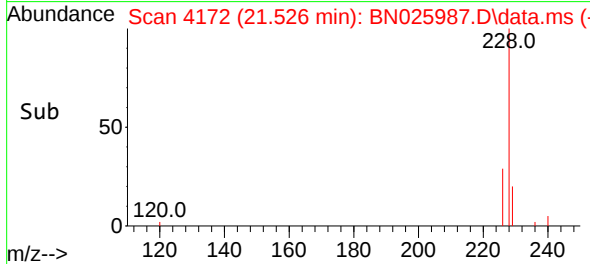
Instrument :
BNA_N
ClientSampleId :
DCFK3DL



Tgt Ion:228 Resp: 53040
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 31.0 22.5 33.7

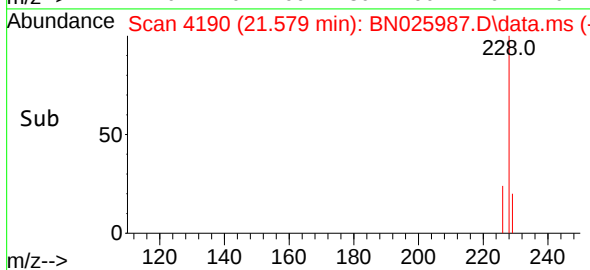
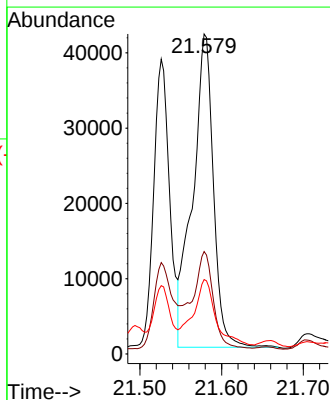
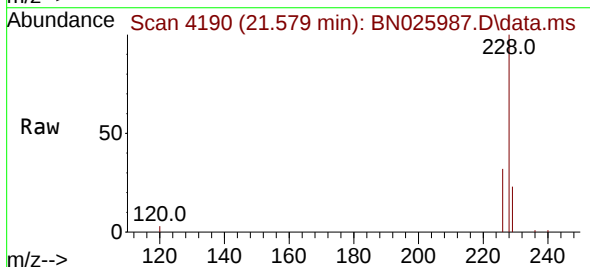
Manual Integrations
APPROVED

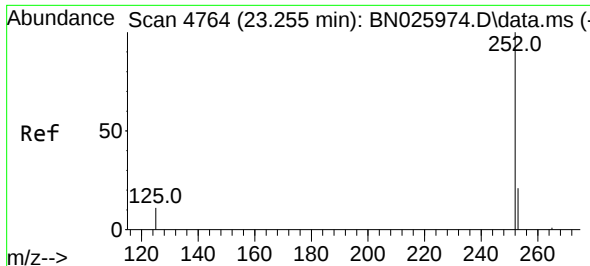
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 0.781 ng/u1
RT: 21.579 min Scan# 4190
Delta R.T. -0.006 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

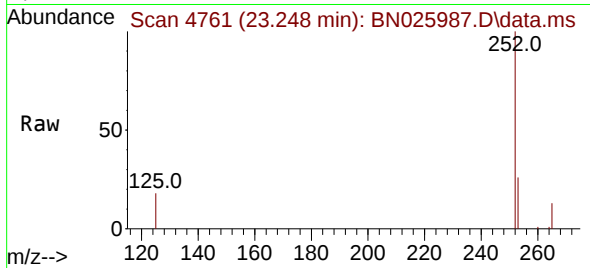
Tgt Ion:228 Resp: 73550
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 23.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.086 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

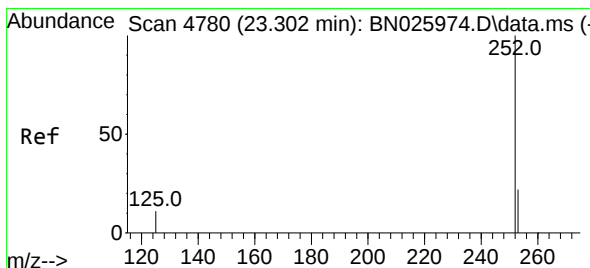
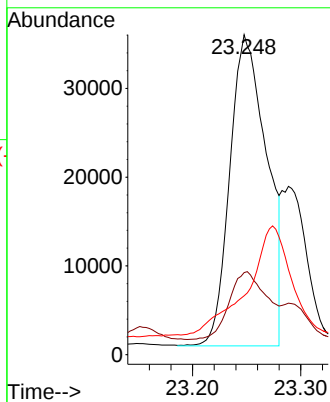
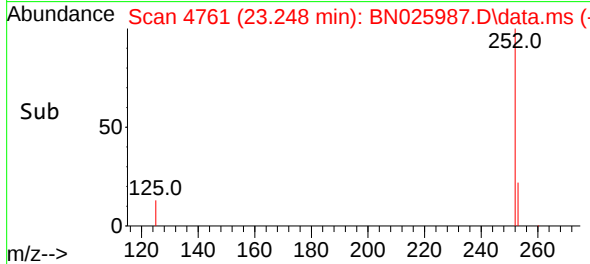
Instrument :
BNA_N
ClientSampleId :
DCFK3DL



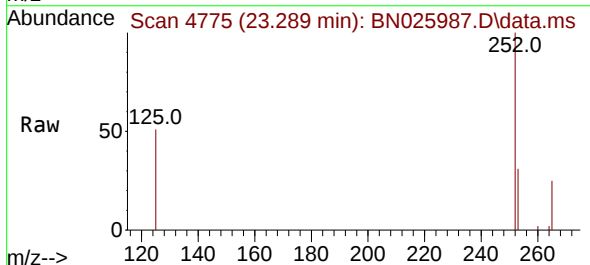
Tgt Ion:252 Resp: 83069
Ion Ratio Lower Upper
252 100
253 25.7 0.0 55.6
125 18.4 0.0 35.8

Manual Integrations
APPROVED

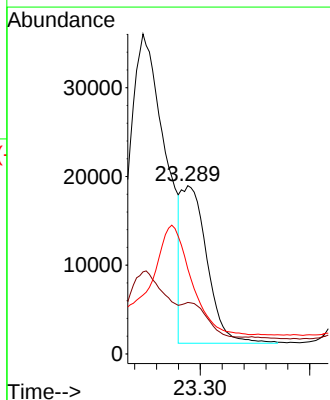
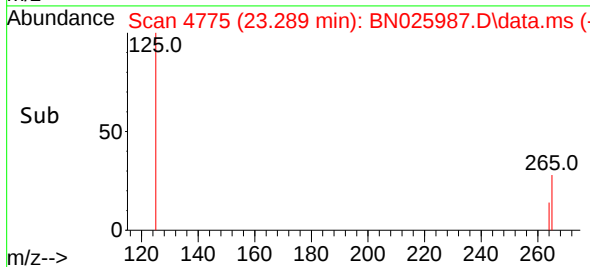
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

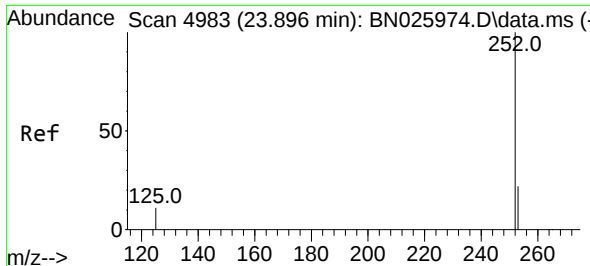


#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.020 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57



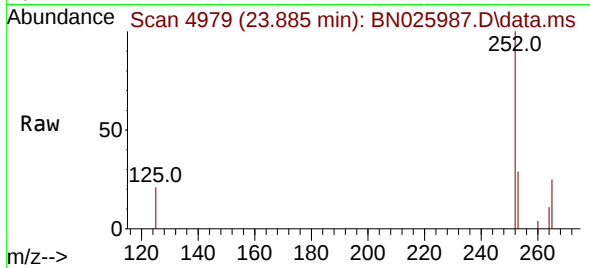
Tgt Ion:252 Resp: 29255
Ion Ratio Lower Upper
252 100
253 30.6 23.2 34.8
125 50.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.649 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.023 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

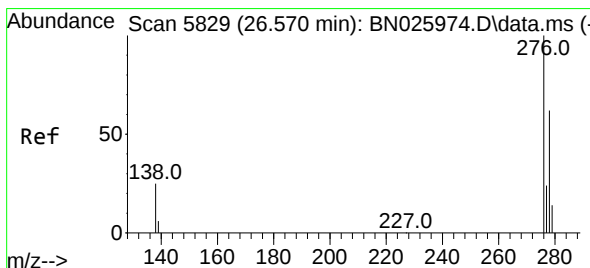
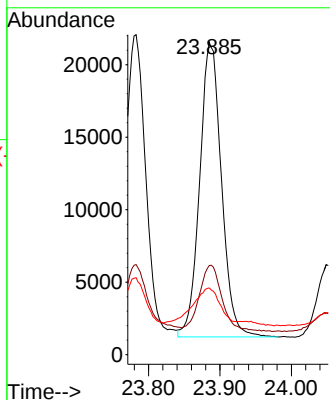
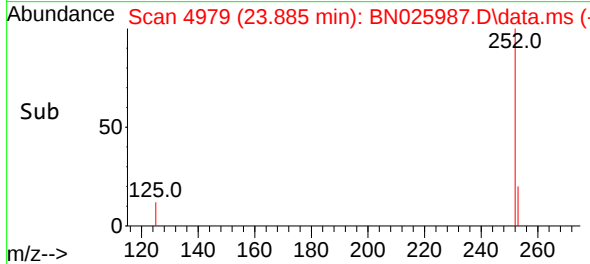
Instrument :
BNA_N
ClientSampleId :
DCFK3DL



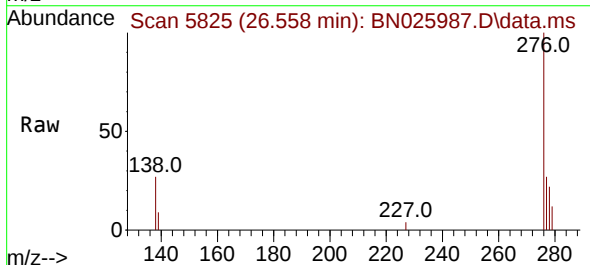
Tgt Ion:252 Resp: 4313
Ion Ratio Lower Upper
252 100
253 28.6 26.0 39.0
125 21.4 17.3 25.9

Manual Integrations
APPROVED

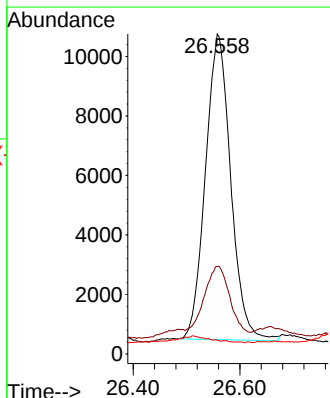
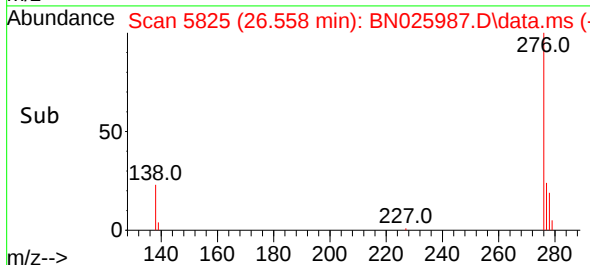
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

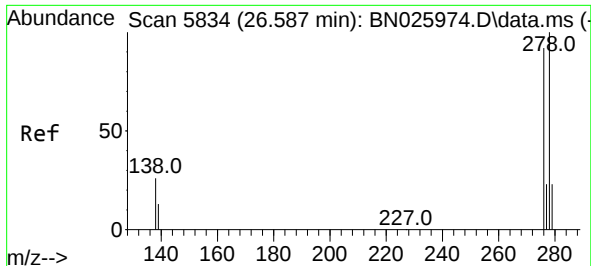


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. -0.037 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57



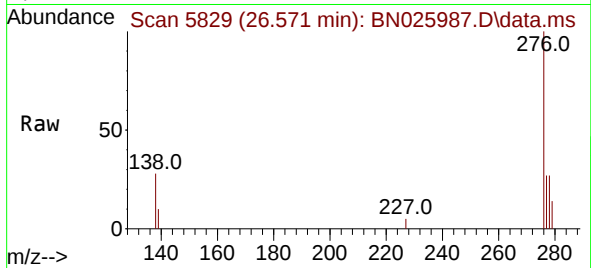
Tgt Ion:276 Resp: 33772
Ion Ratio Lower Upper
276 100
138 24.5 24.5 36.7
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. -0.050 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

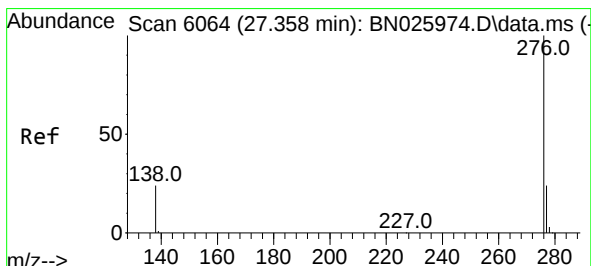
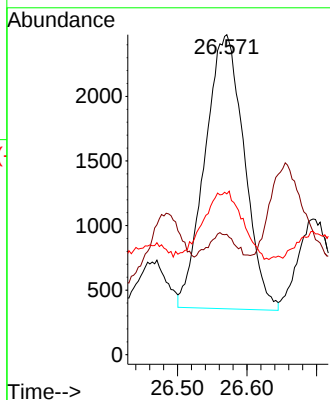
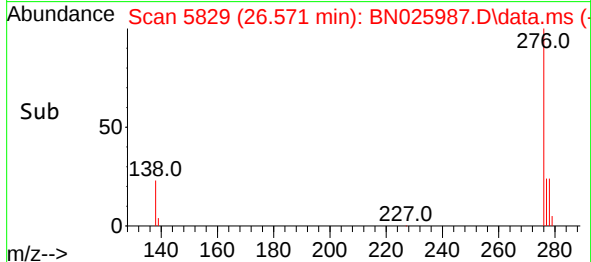
Instrument :
BNA_N
ClientSampleId :
DCFK3DL



Tgt Ion:278 Resp: 8312
Ion Ratio Lower Upper
278 100
139 37.6 19.0 28.4
279 50.3 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: 0.540 ng/ul
RT: 27.352 min Scan# 6062
Delta R.T. -0.034 min
Lab File: BN025987.D
Acq: 24 Jun 2023 02:57

Tgt Ion:276 Resp: 34888
Ion Ratio Lower Upper
276 100
138 28.3 23.4 35.0
277 25.9 20.0 30.0

