

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026060.D
 Acq On : 28 Jun 2023 16:12
 Operator : MA/JU
 Sample : 03142-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT6

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 23:15:12 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	7.972	152	6673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	22382	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	13865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	29415	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	18276	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	16367	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	10121	1.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	5329	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	12067	0.173	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.831	128	17153	0.267	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	5051	0.124	ng/ul	98
8) 1-Methylnaphthalene	12.662	142	2642	0.062	ng/ul	99
10) Acenaphthylene	14.330	152	10761	0.166	ng/ul	98
11) Acenaphthene	14.672	153	2433	0.046	ng/ul	97
12) Fluorene	15.657	166	2267	0.037	ng/ul#	97
15) Phenanthrene	17.397	178	62542	0.644	ng/ul	100
16) Anthracene	17.486	178	12313	0.143	ng/ul	95
19) Fluoranthene	19.410	202	174173	1.784	ng/ul	98
20) Pyrene	19.772	202	140122	1.380	ng/ul	97
21) Benzo(a)anthracene	21.526	228	70361	0.933	ng/ul	96
22) Chrysene	21.578	228	89650	1.143	ng/ul#	90
24) Benzo(b)fluoranthene	23.253	252	124019m	1.775	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	39873m	0.568	ng/ul	
26) Benzo(a)pyrene	23.902	252	69048	1.138	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.584	276	60735	0.916	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.598	278	13621	0.272	ng/ul#	84
29) Benzo(g,h,i)perylene	27.396	276	57802	0.980	ng/ul	98

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

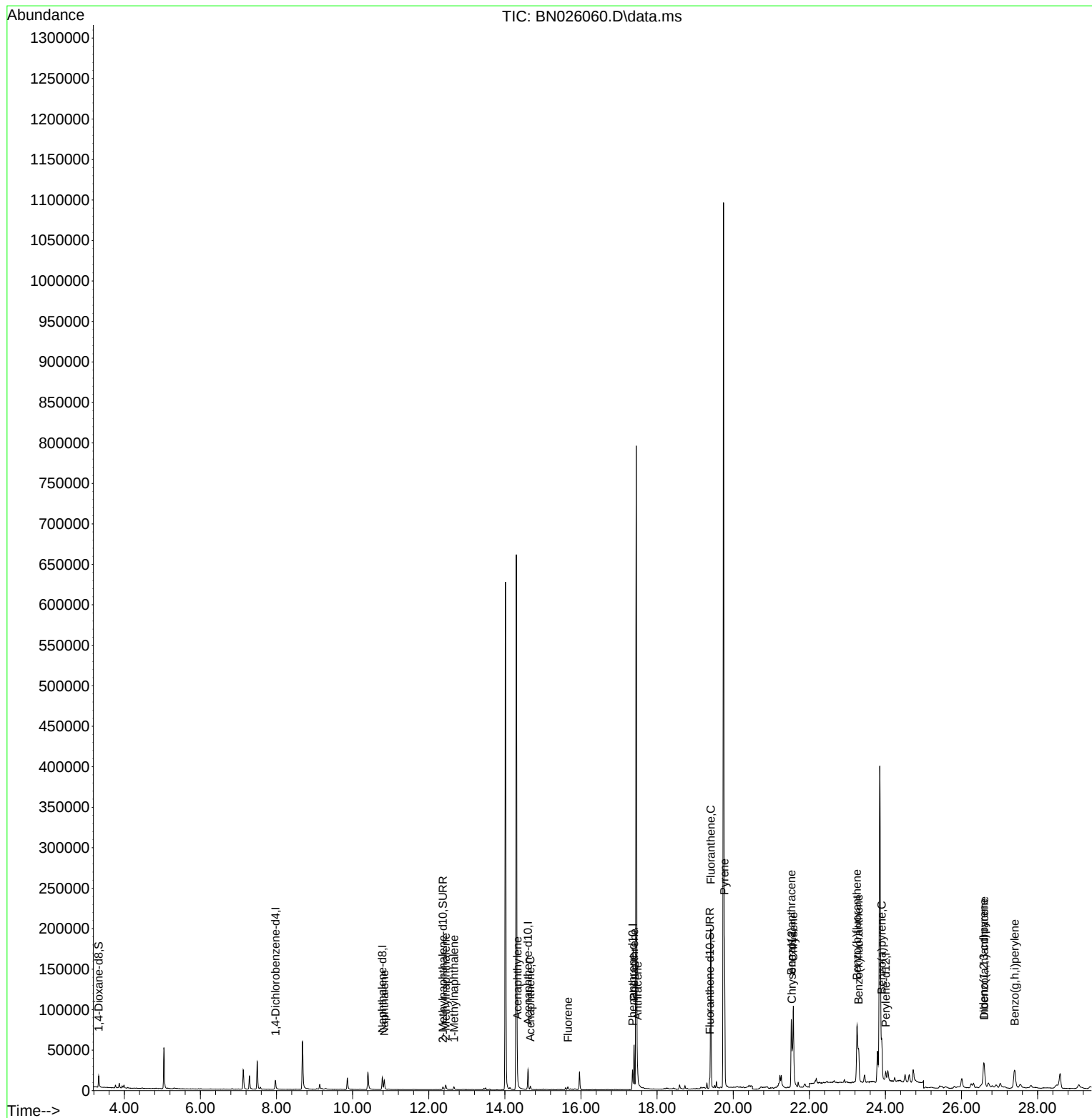
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026060.D
Acq On : 28 Jun 2023 16:12
Operator : MA/JU
Sample : 03142-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

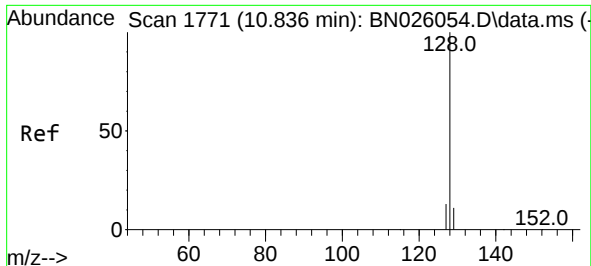
Instrument :
BNA_N
ClientSampleId :
DCFT6

Manual Integrations
APPROVED

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

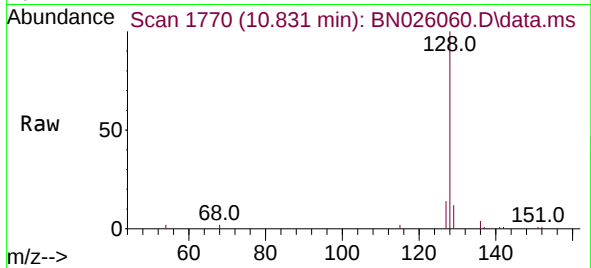
Quant Time: Jun 28 23:15:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.267 ng/ul
RT: 10.831 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

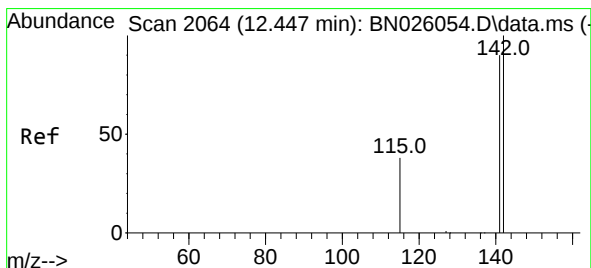
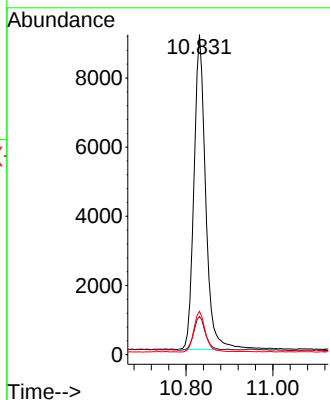
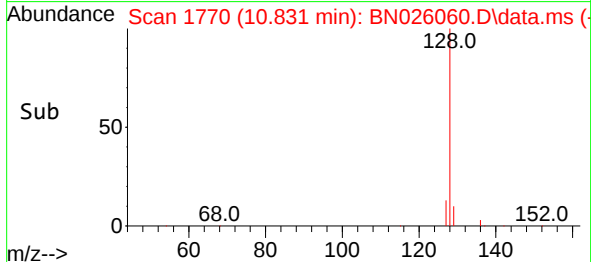
Instrument :
BNA_N
ClientSampleId :
DCFT6



Tgt Ion:128 Resp: 1715
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 10.7 16.1

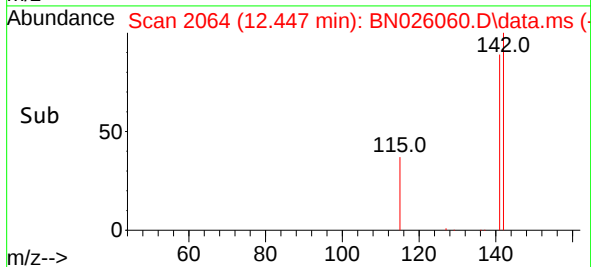
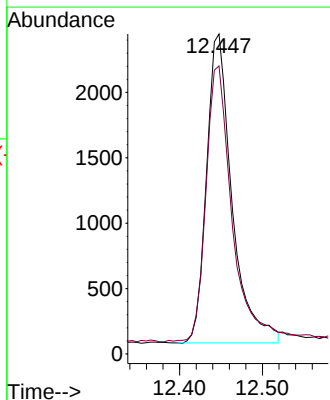
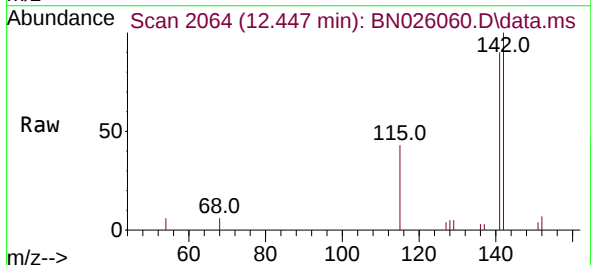
Manual Integrations
APPROVED

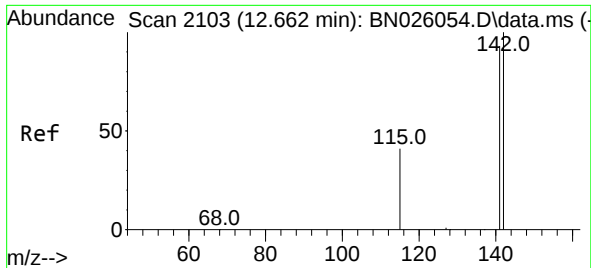
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

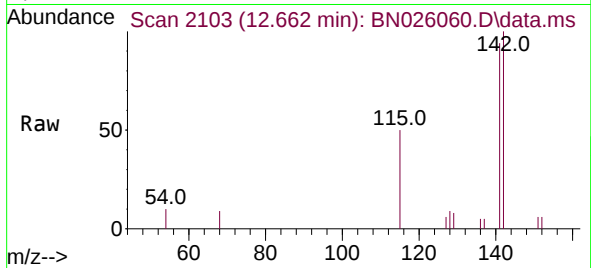
Tgt Ion:142 Resp: 5051
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

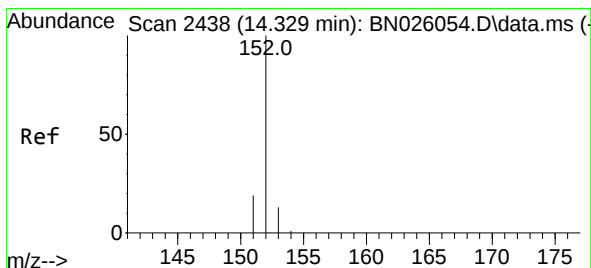
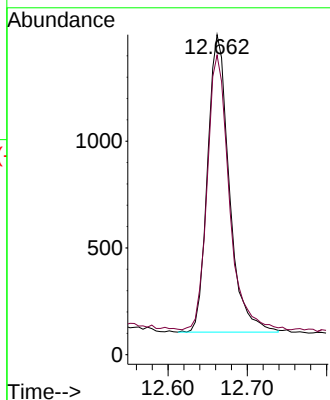
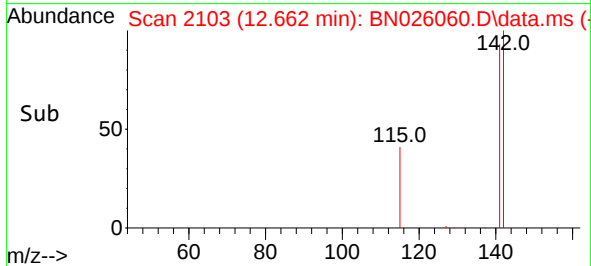
Instrument :
BNA_N
ClientSampleId :
DCFT6



Tgt Ion:142 Resp: 264
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4

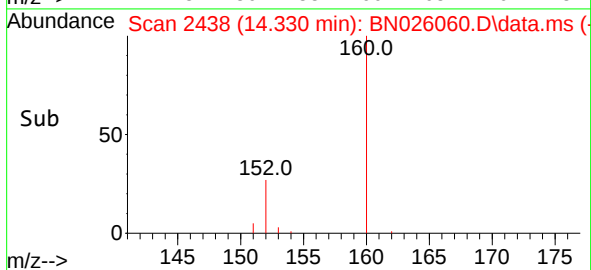
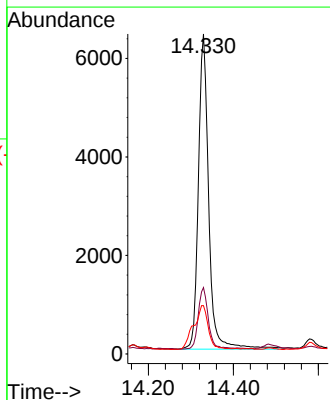
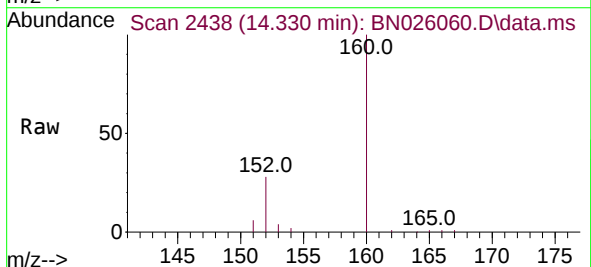
Manual Integrations
APPROVED

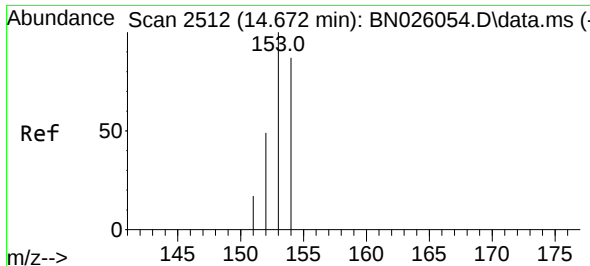
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.166 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

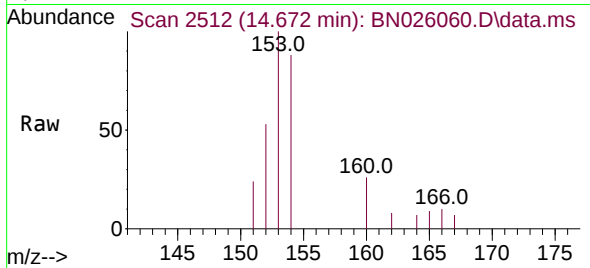
Tgt Ion:152 Resp: 10761
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.046 ng/u1
RT: 14.672 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

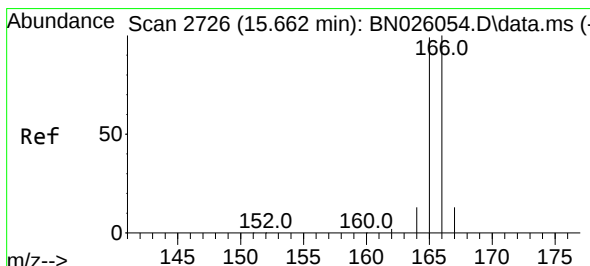
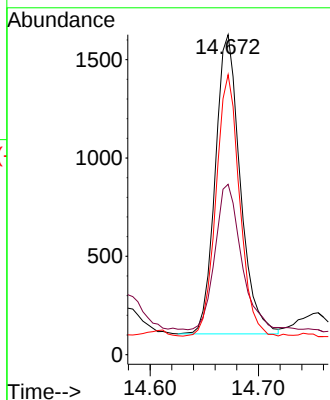
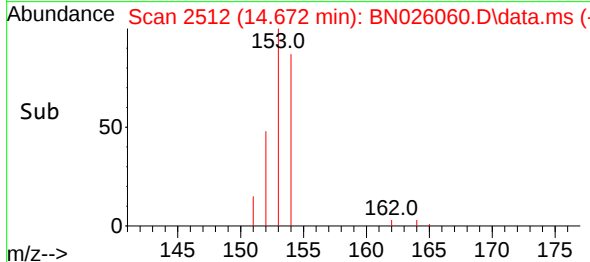
Instrument :
BNA_N
ClientSampleId :
DCFT6



Tgt Ion:153 Resp: 243
Ion Ratio Lower Upper
153 100
152 53.2 39.4 59.0
154 87.5 68.9 103.3

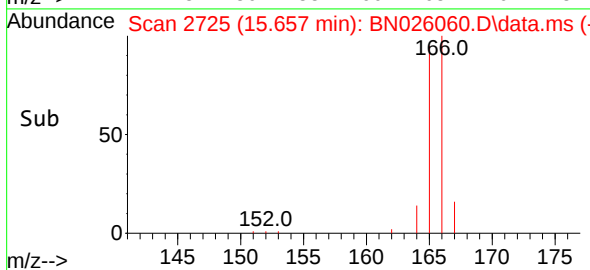
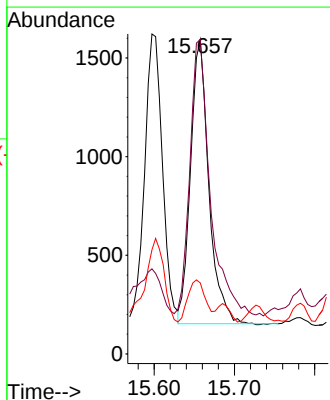
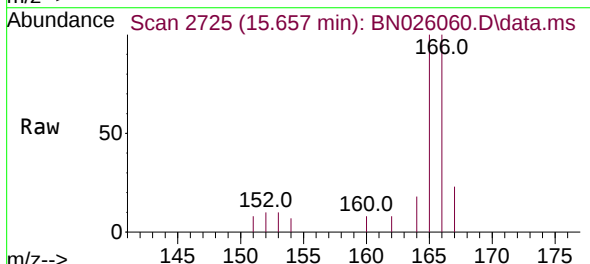
Manual Integrations
APPROVED

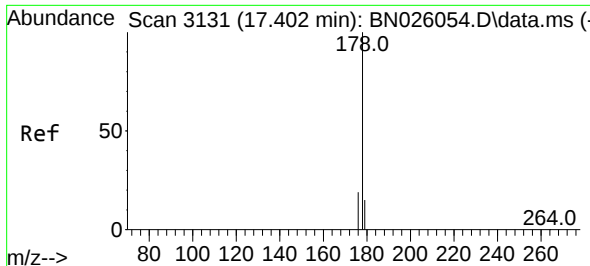
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.037 ng/u1
RT: 15.657 min Scan# 2725
Delta R.T. -0.005 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

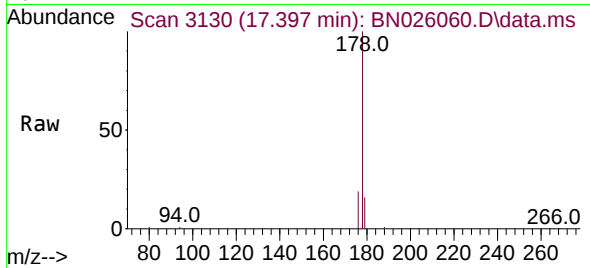
Tgt Ion:166 Resp: 2267
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 22.6 10.8 16.2#





#15
Phenanthrene
Concen: 0.644 ng/ul
RT: 17.397 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

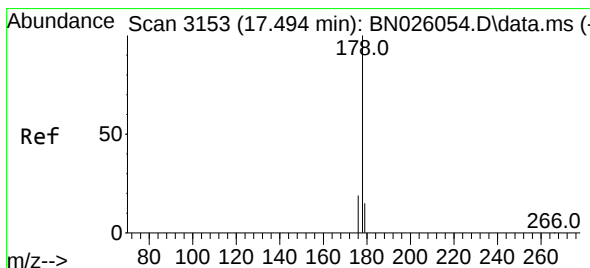
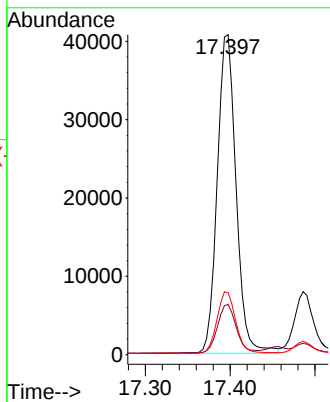
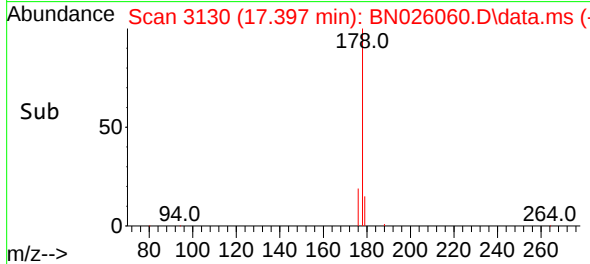
Instrument :
BNA_N
ClientSampleId :
DCFT6



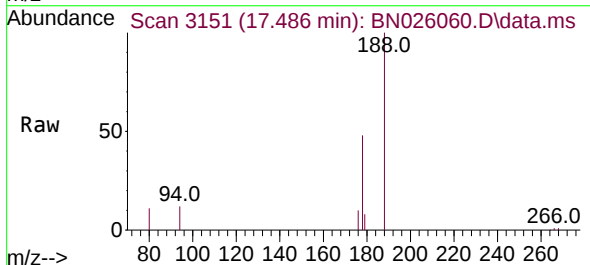
Tgt Ion:178 Resp: 62542
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.8 23.6

Manual Integrations
APPROVED

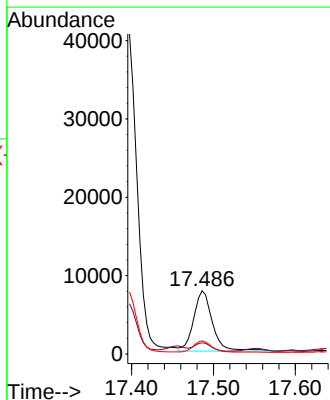
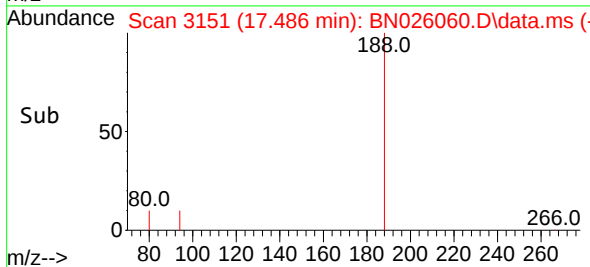
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

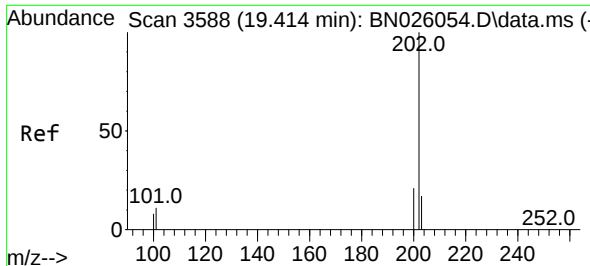


#16
Anthracene
Concen: 0.143 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12



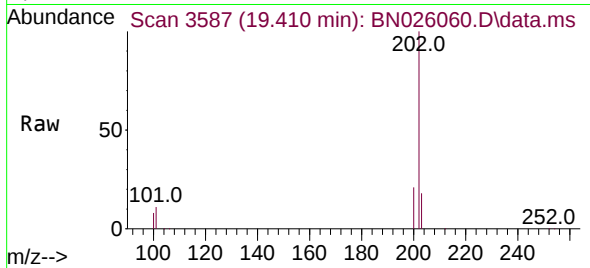
Tgt Ion:178 Resp: 12313
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 20.8 15.1 22.7





#19
Fluoranthene
Concen: 1.784 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

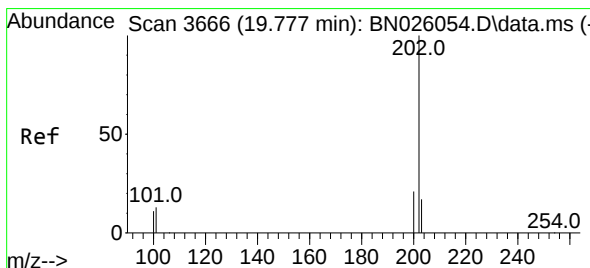
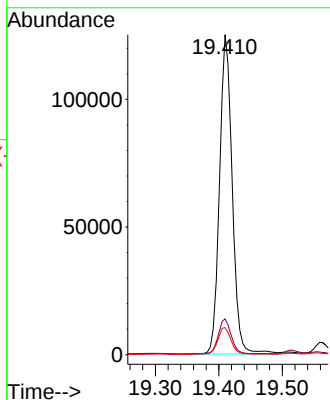
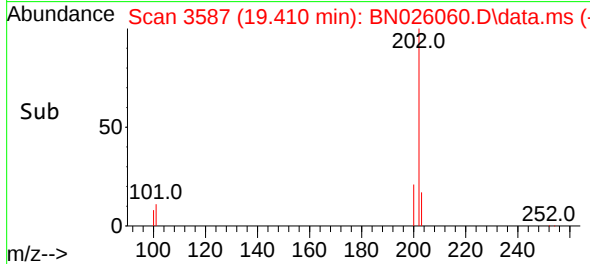
Instrument :
BNA_N
ClientSampleId :
DCFT6



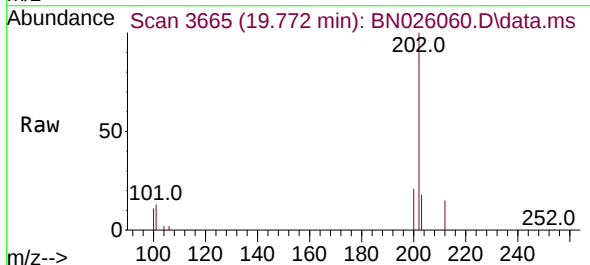
Tgt Ion:202 Resp: 17417
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.5 7.3 10.9

Manual Integrations
APPROVED

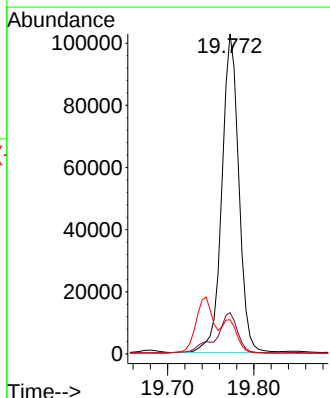
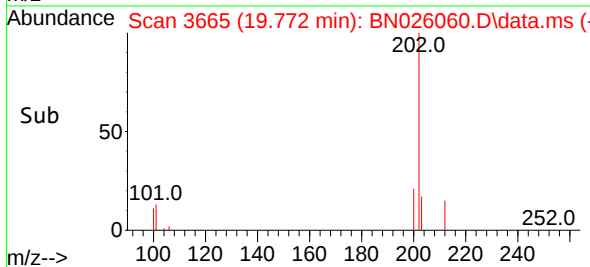
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

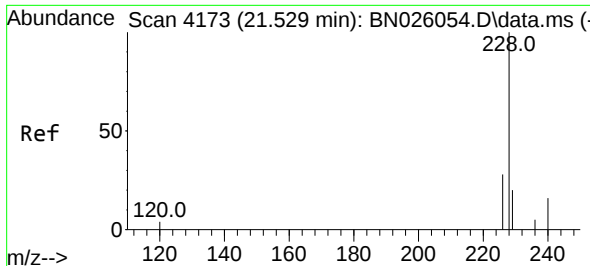


#20
Pyrene
Concen: 1.380 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12



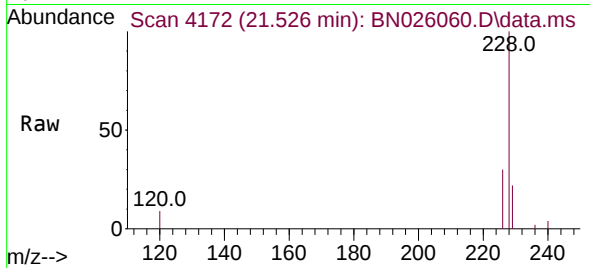
Tgt Ion:202 Resp: 140122
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.933 ng/ul
RT: 21.526 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

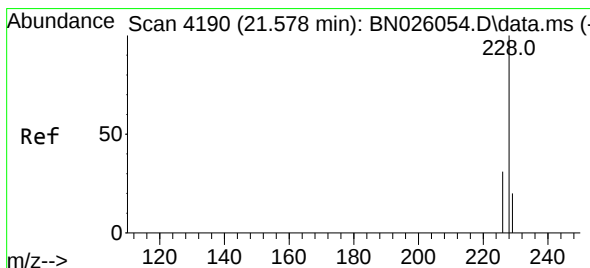
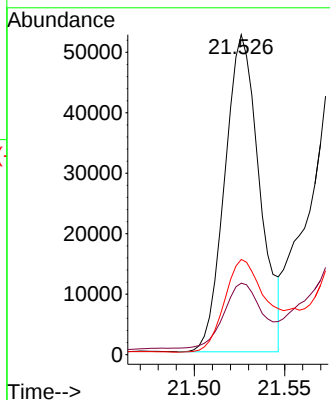
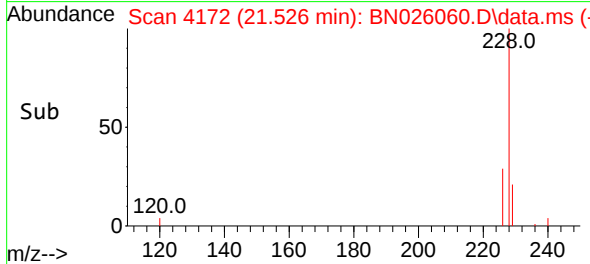
Instrument :
BNA_N
ClientSampleId :
DCFT6



Tgt Ion:228 Resp: 7036
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.6
226 29.7 22.5 33.7

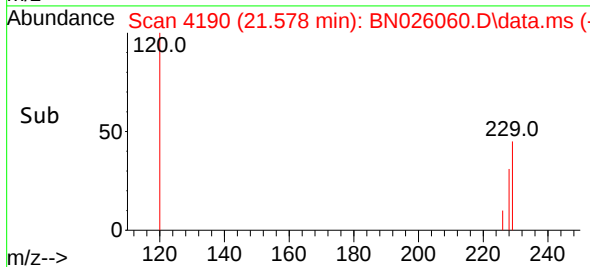
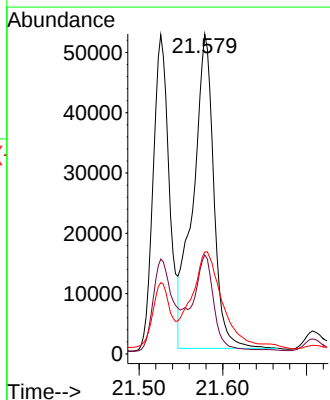
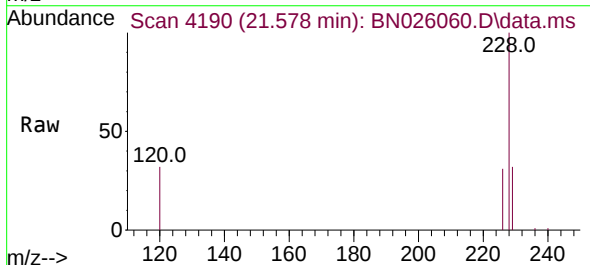
Manual Integrations
APPROVED

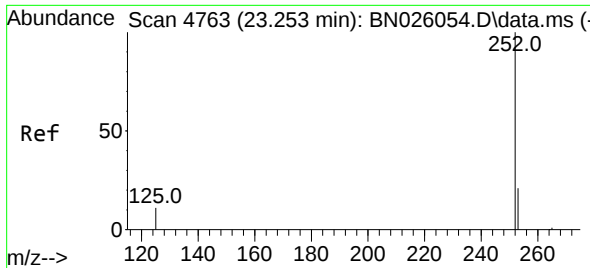
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 1.143 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

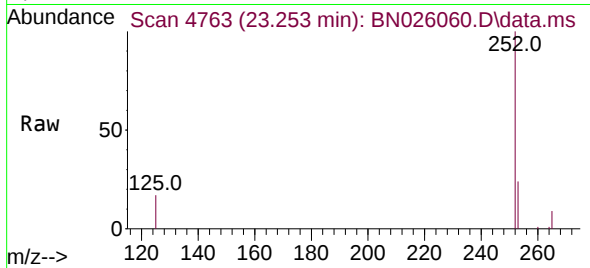
Tgt Ion:228 Resp: 89650
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 31.9 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.775 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.000 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

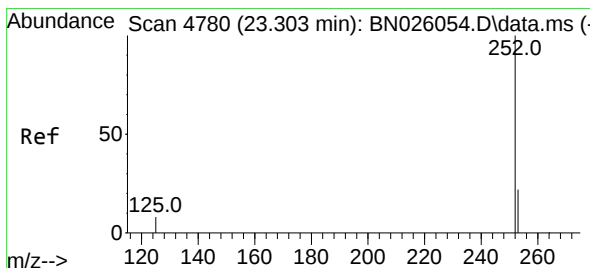
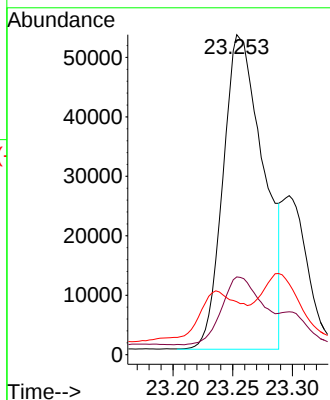
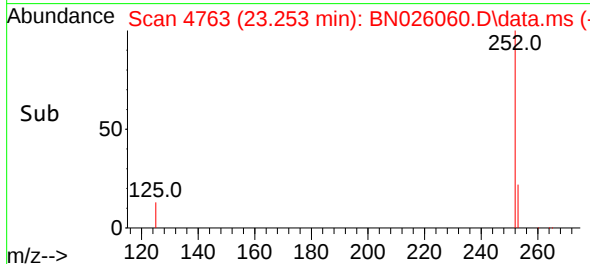
Instrument :
BNA_N
ClientSampleId :
DCFT6



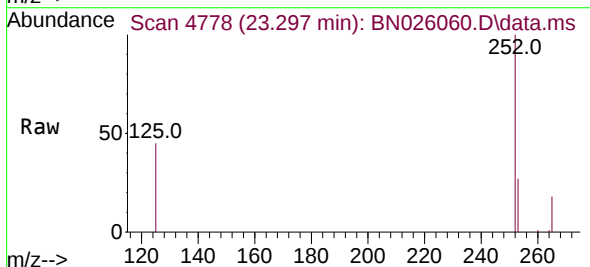
Tgt Ion:252 Resp: 124019
Ion Ratio Lower Upper
252 100
253 24.3 0.0 55.6
125 16.5 0.0 35.8

Manual Integrations
APPROVED

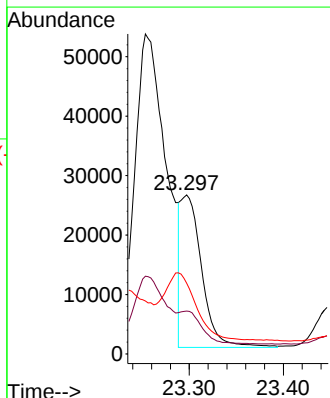
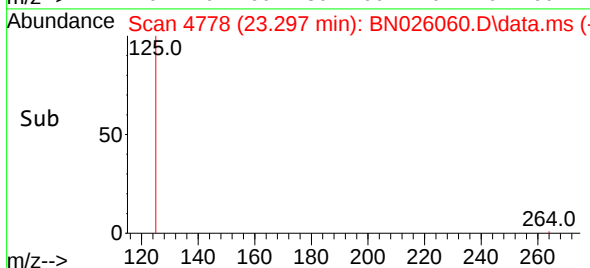
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

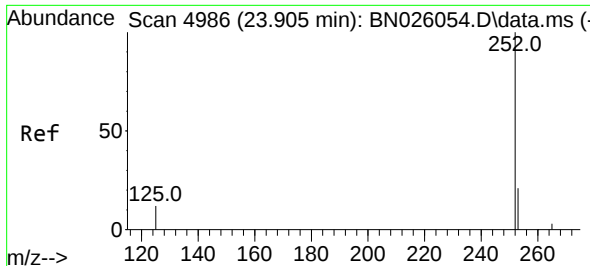


#25
Benzo(k)fluoranthene
Concen: 0.568 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.006 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12



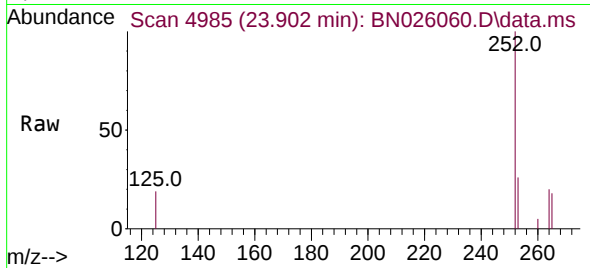
Tgt Ion:252 Resp: 39873
Ion Ratio Lower Upper
252 100
253 27.0 23.2 34.8
125 44.5 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.138 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. -0.003 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

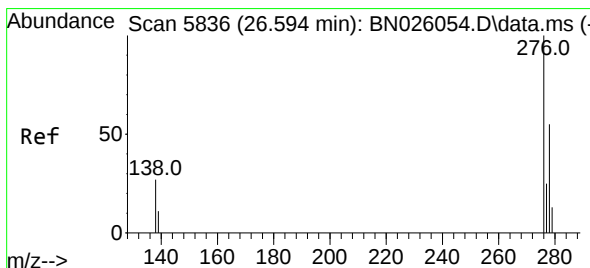
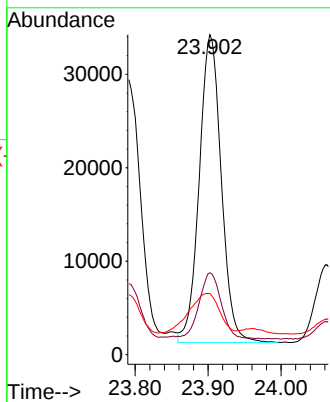
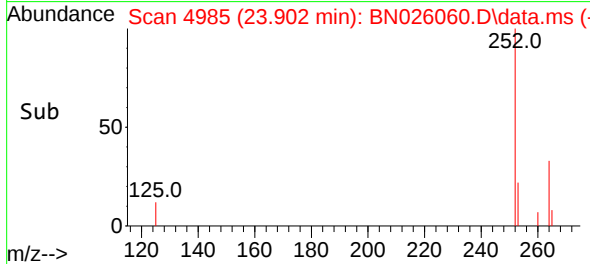
Instrument :
BNA_N
ClientSampleId :
DCFT6



Tgt Ion:252 Resp: 69048
Ion Ratio Lower Upper
252 100
253 25.6 26.0 39.0
125 19.1 17.3 25.9

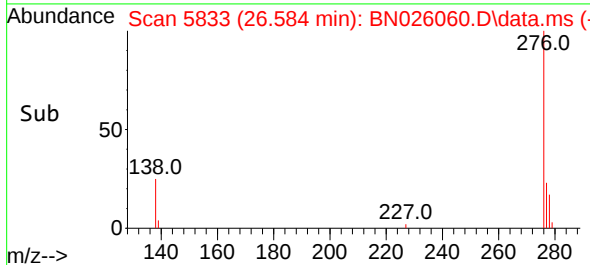
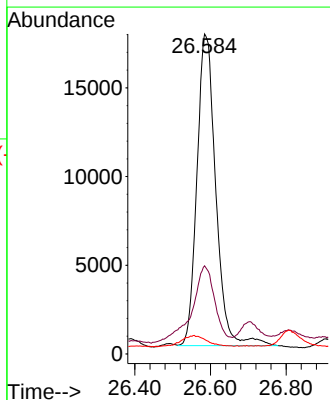
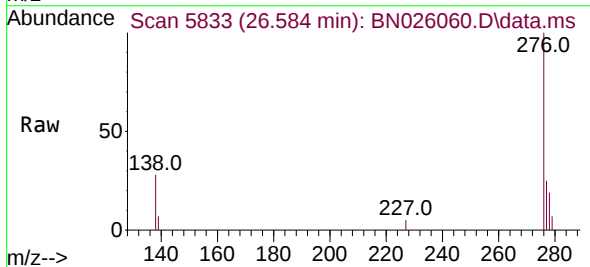
Manual Integrations
APPROVED

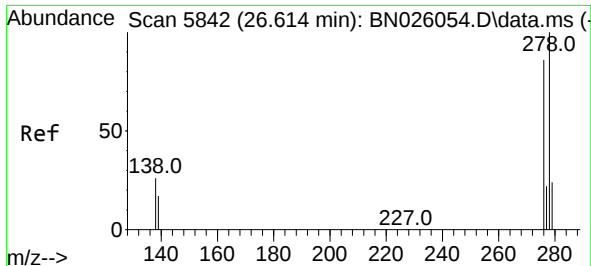
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.916 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. -0.010 min
Lab File: BN026060.D
Acq: 28 Jun 2023 16:12

Tgt Ion:276 Resp: 60735
Ion Ratio Lower Upper
276 100
138 30.8 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.272 ng/ul

RT: 26.598 min Scan# 5837

Delta R.T. -0.017 min

Lab File: BN026060.D

Acq: 28 Jun 2023 16:12

Instrument :

BNA_N

ClientSampleId :

DCFT6

Tgt Ion:278 Resp: 1362

Ion Ratio Lower Upper

278 100

139 36.7 19.0 28.4

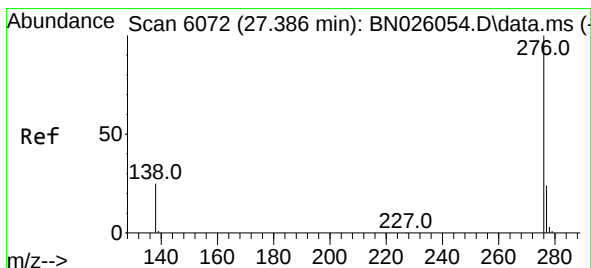
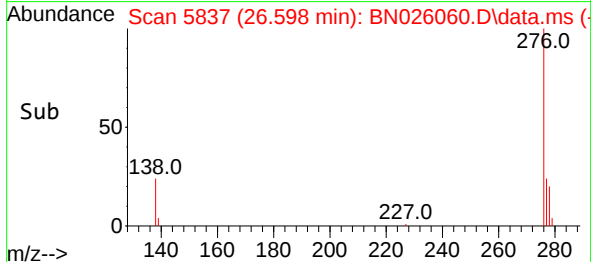
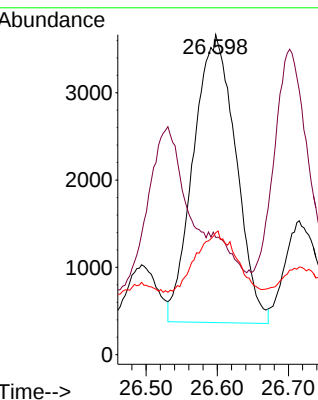
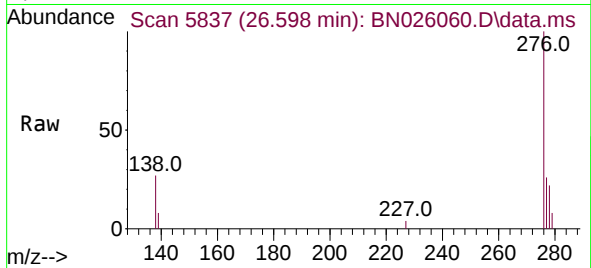
279 38.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/30/2023



#29

Benzo(g,h,i)perylene

Concen: 0.980 ng/ul

RT: 27.396 min Scan# 6075

Delta R.T. 0.010 min

Lab File: BN026060.D

Acq: 28 Jun 2023 16:12

Tgt Ion:276 Resp: 57802

Ion Ratio Lower Upper

276 100

138 27.5 23.4 35.0

277 24.8 20.0 30.0

