

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040471.D
 Acq On : 30 Jun 2023 14:36
 Operator : MA/JU
 Sample : 03239-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFY8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:03:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	6776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	23444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	10402	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	19370	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13868	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	15361	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	14556	1.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	3167	0.096	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	4424	0.100	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	1722	0.027	ng/ul#	71
7) 2-Methylnaphthalene	12.411	142	1039	0.027	ng/ul	99
10) Acenaphthylene	14.300	152	2671	0.057	ng/ul#	86
15) Phenanthrene	17.370	178	14078	0.234	ng/ul	98
16) Anthracene	17.459	178	3486	0.069	ng/ul#	86
19) Fluoranthene	19.384	202	44736	0.759	ng/ul	98
20) Pyrene	19.747	202	34040m	0.539	ng/ul	
21) Benzo(a)anthracene	21.491	228	19723	0.420	ng/ul	97
22) Chrysene	21.544	228	25145	0.470	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	40675	0.684	ng/ul	98
25) Benzo(k)fluoranthene	23.227	252	13801m	0.236	ng/ul	
26) Benzo(a)pyrene	23.812	252	18598	0.347	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.424	276	20668	0.277	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.437	278	6297	0.108	ng/ul#	69
29) Benzo(g,h,i)perylene	27.202	276	4195	0.064	ng/ul#	63

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

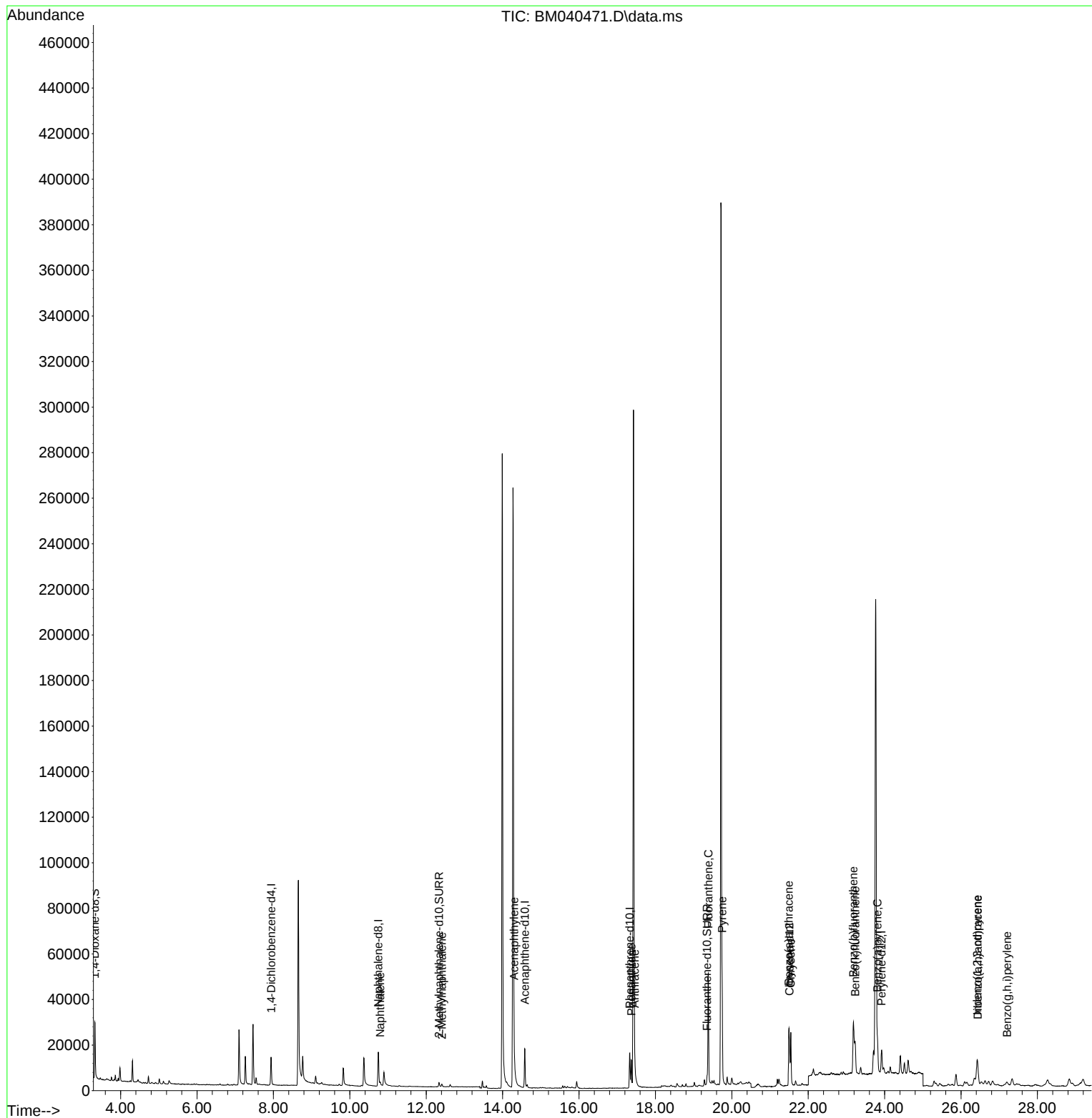
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040471.D
Acq On : 30 Jun 2023 14:36
Operator : MA/JU
Sample : 03239-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

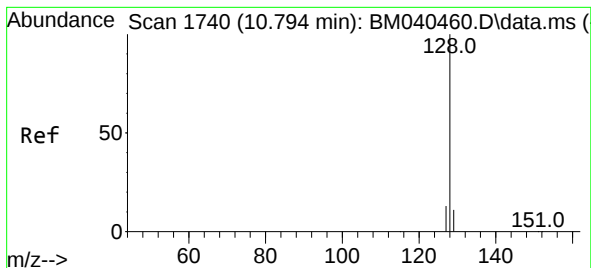
Instrument :
BNA_M
ClientSampleId :
DCFY8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

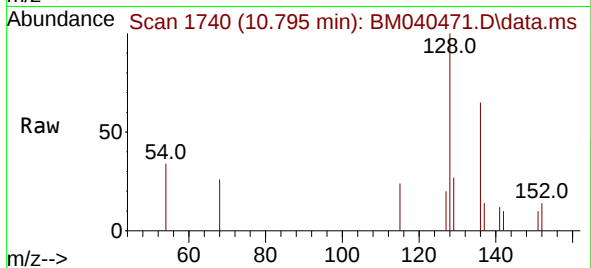
Quant Time: Jul 01 03:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

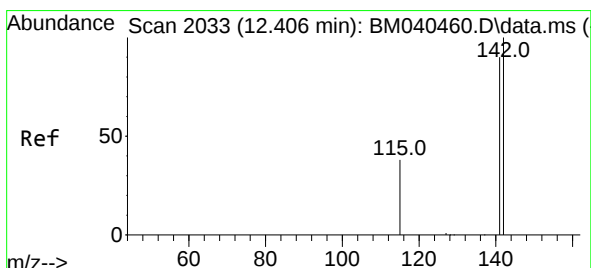
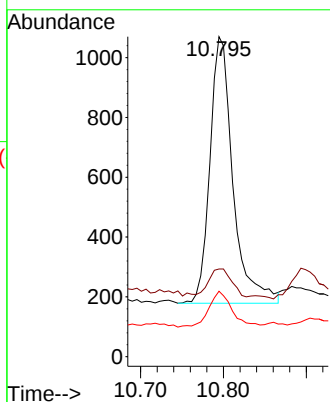
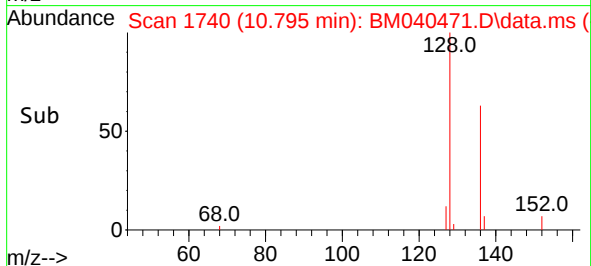
Instrument :
BNA_M
ClientSampleId :
DCFY8



Tgt Ion:128 Resp: 1720
Ion Ratio Lower Upper
128 100
129 27.4 9.2 13.8
127 20.5 10.6 15.8

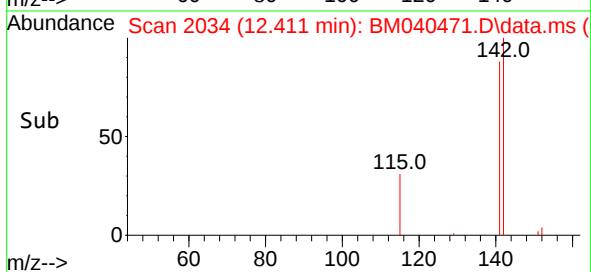
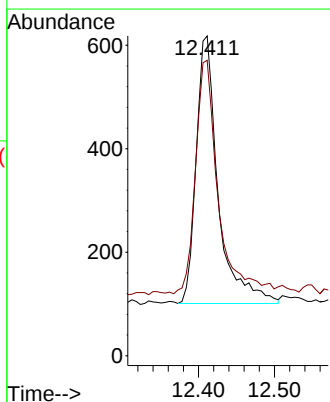
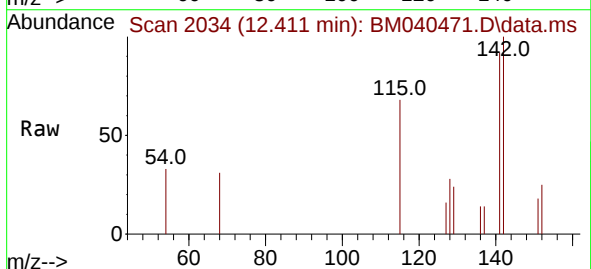
Manual Integrations
APPROVED

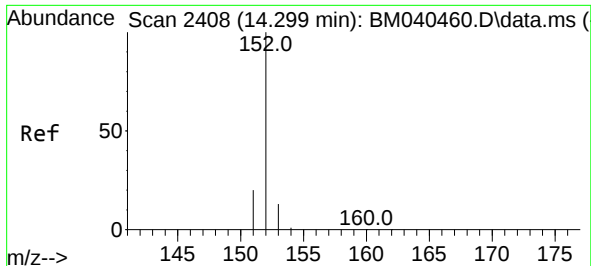
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

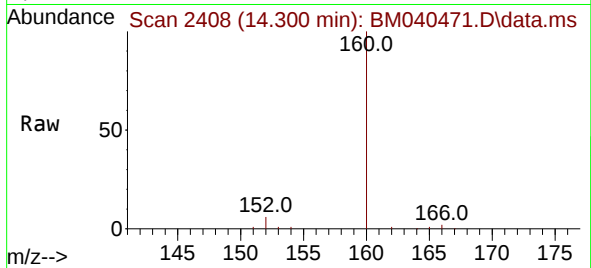
Tgt Ion:142 Resp: 1039
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9





#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

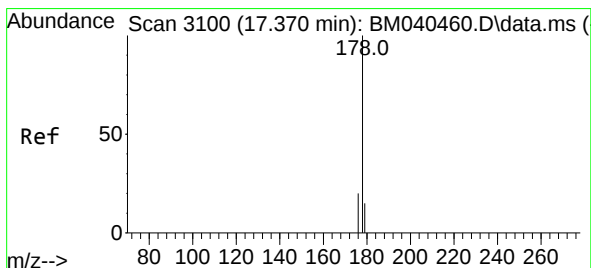
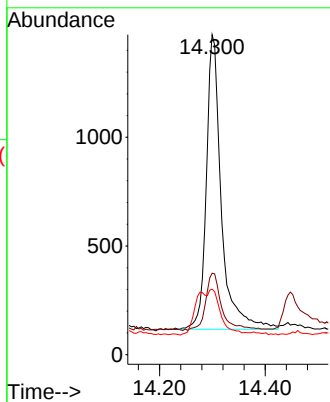
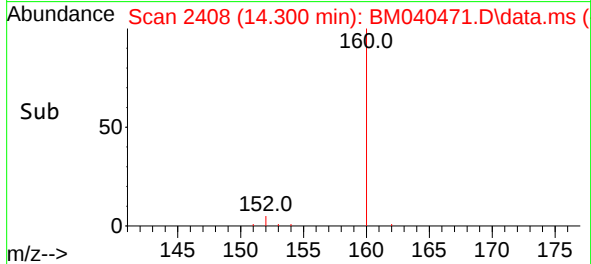
Instrument :
BNA_M
ClientSampleId :
DCFY8



Tgt Ion:152 Resp: 267
Ion Ratio Lower Upper
152 100
151 25.5 16.2 24.2
153 20.4 10.9 16.3

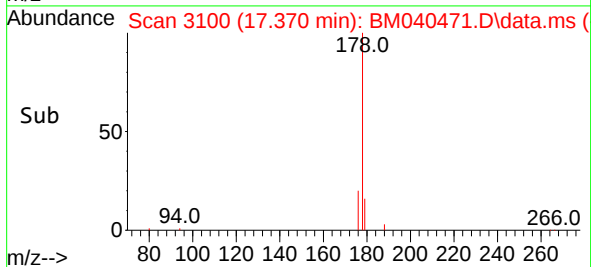
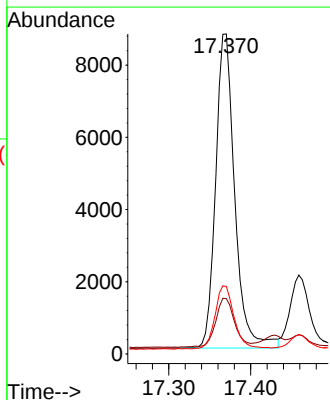
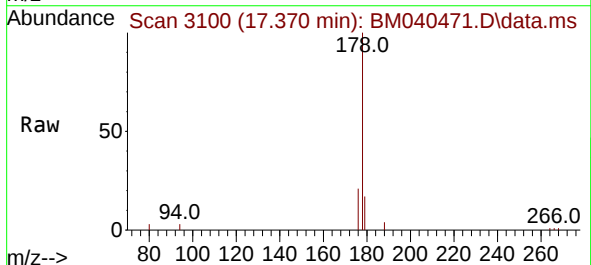
Manual Integrations
APPROVED

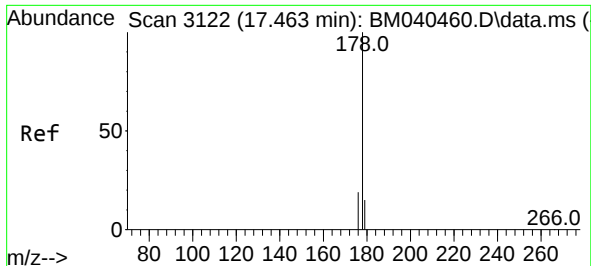
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

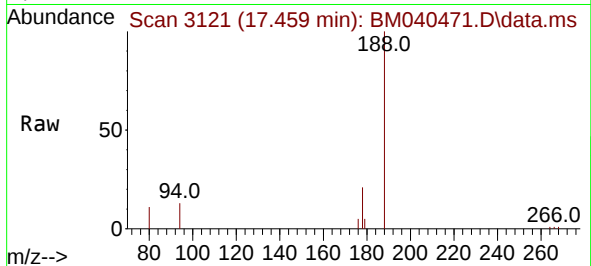
Tgt Ion:178 Resp: 14078
Ion Ratio Lower Upper
178 100
179 17.3 12.8 19.2
176 21.1 16.4 24.6





#16
 Anthracene
 Concen: 0.069 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040471.D
 Acq: 30 Jun 2023 14:36

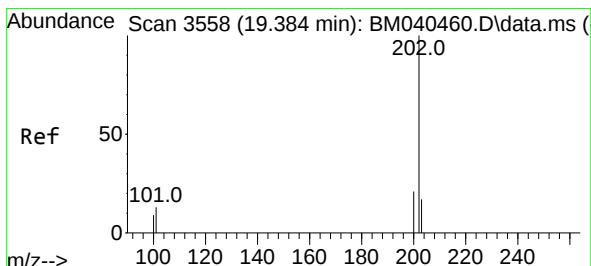
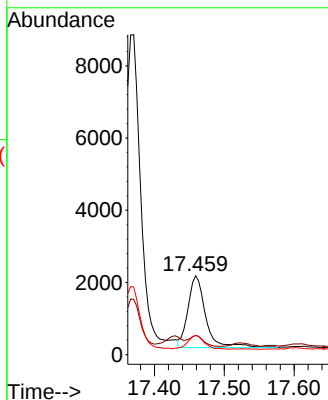
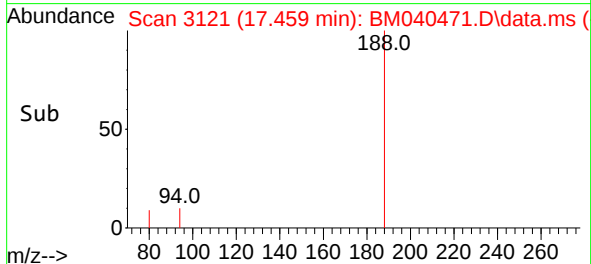
Instrument :
 BNA_M
 ClientSampleId :
 DCFY8



Tgt Ion:178 Resp: 3480
 Ion Ratio Lower Upper
 178 100
 179 24.1 12.9 19.3
 176 24.6 15.8 23.6

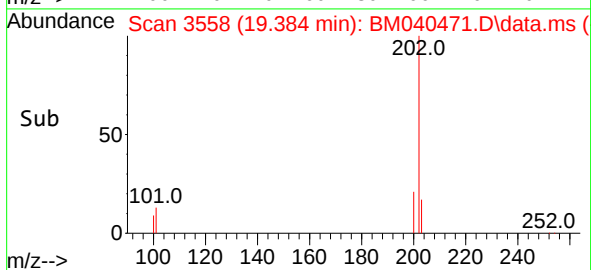
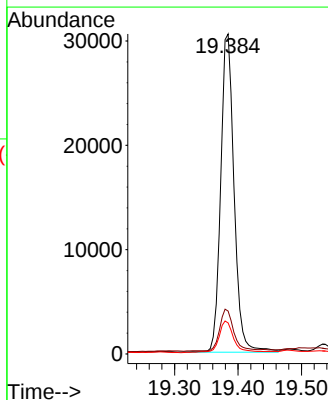
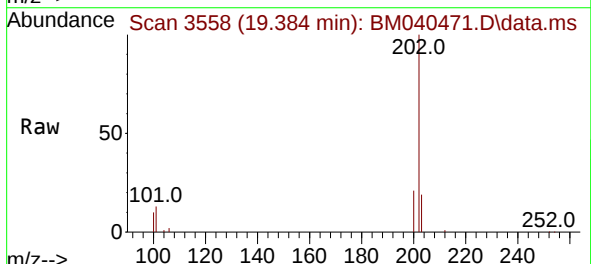
Manual Integrations
 APPROVED

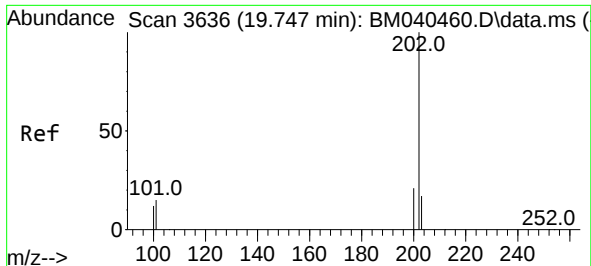
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#19
 Fluoranthene
 Concen: 0.759 ng/ul
 RT: 19.384 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BM040471.D
 Acq: 30 Jun 2023 14:36

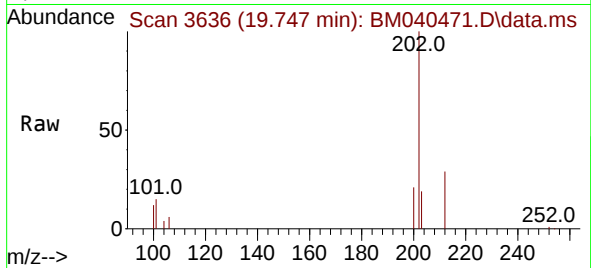
Tgt Ion:202 Resp: 44736
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.4 17.0
 100 9.7 8.7 13.1





#20
Pyrene
Concen: 0.539 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

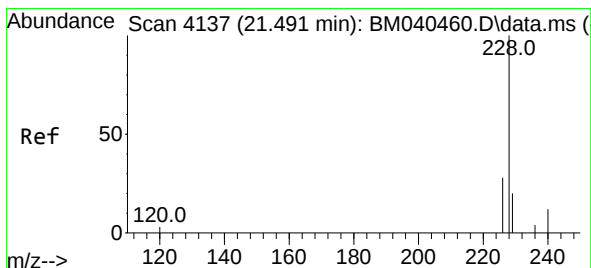
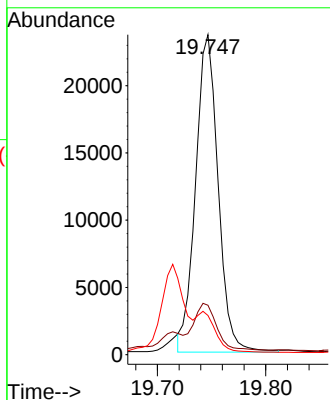
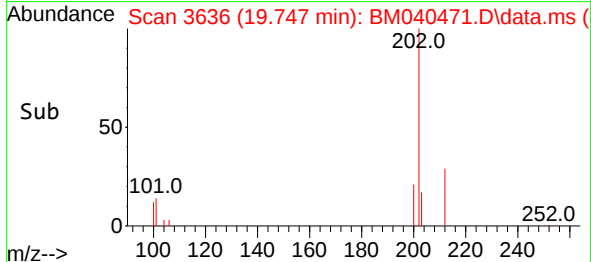
Instrument :
BNA_M
ClientSampleId :
DCFY8



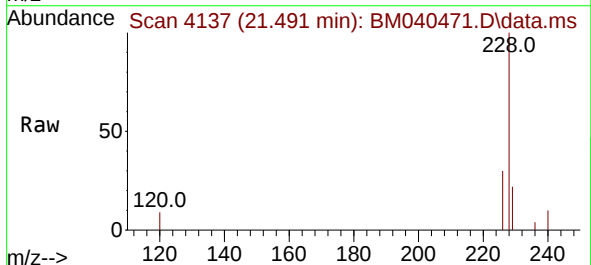
Tgt Ion:202 Resp: 34040
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 12.3 9.8 14.6

Manual Integrations
APPROVED

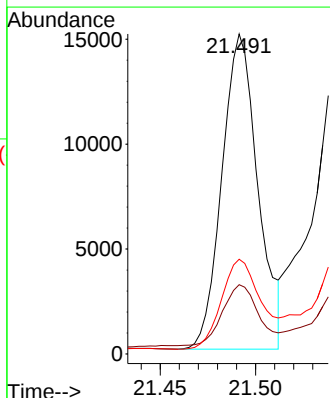
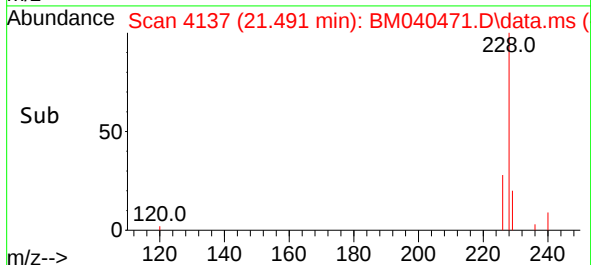
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

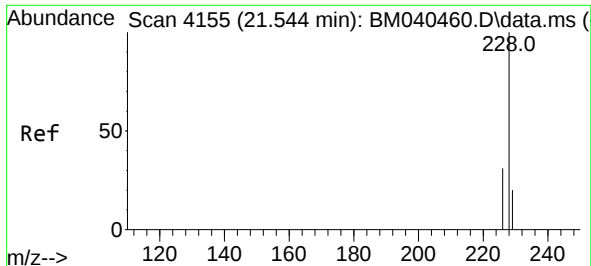


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36



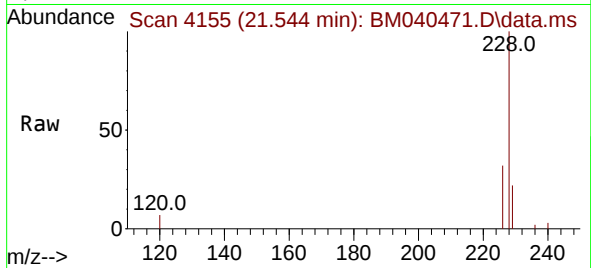
Tgt Ion:228 Resp: 19723
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.6 22.3 33.5





#22
Chrysene
Concen: 0.470 ng/u1
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

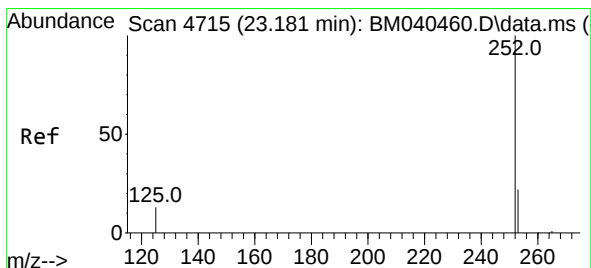
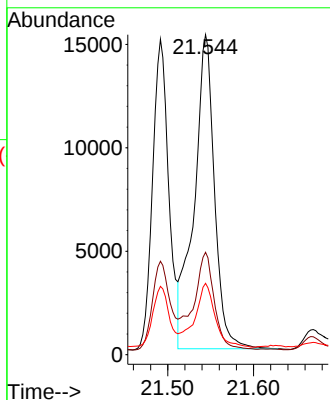
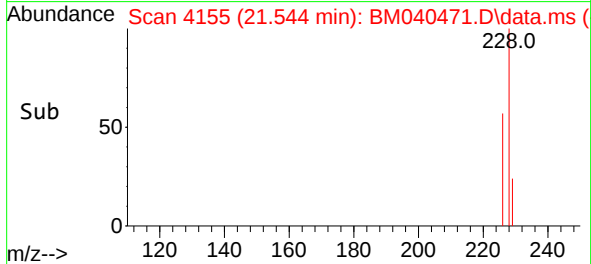
Instrument :
BNA_M
ClientSampleId :
DCFY8



Tgt Ion:228 Resp: 25145
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 22.3 15.8 23.6

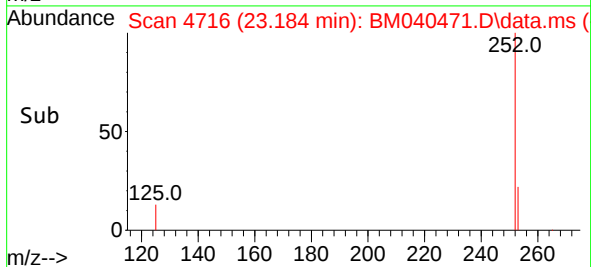
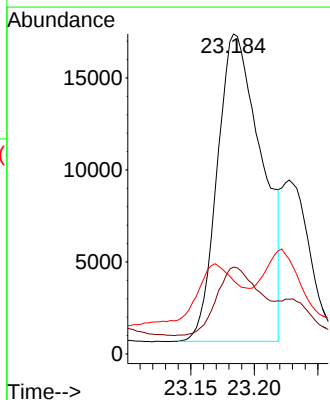
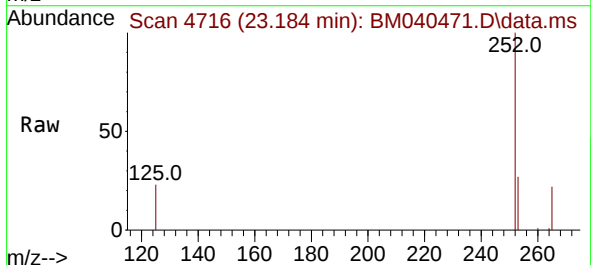
Manual Integrations
APPROVED

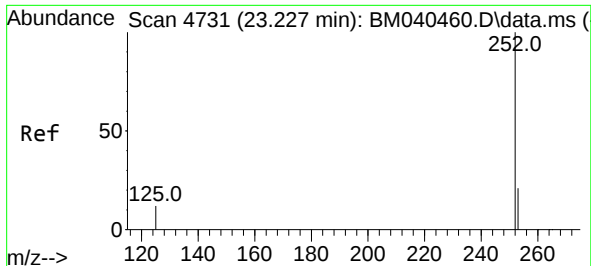
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#24
Benzo(b)fluoranthene
Concen: 0.684 ng/u1
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

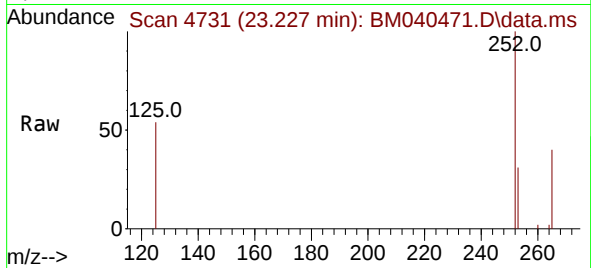
Tgt Ion:252 Resp: 40675
Ion Ratio Lower Upper
252 100
253 27.2 0.0 52.8
125 22.9 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul m
RT: 23.227 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

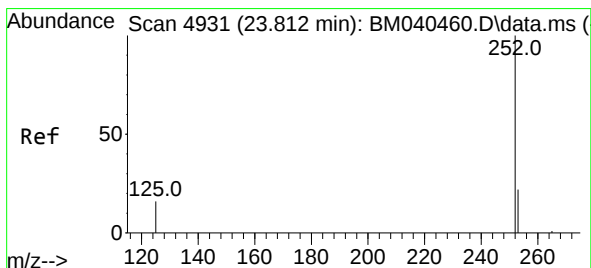
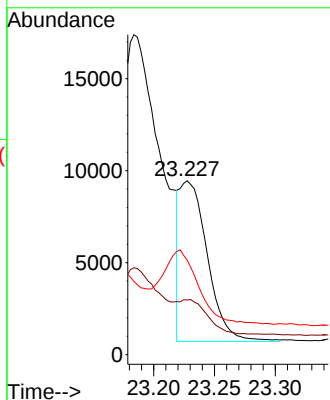
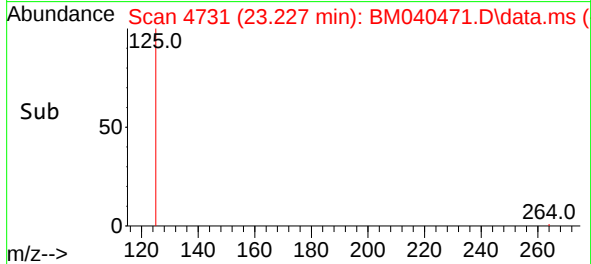
Instrument :
BNA_M
ClientSampleId :
DCFY8



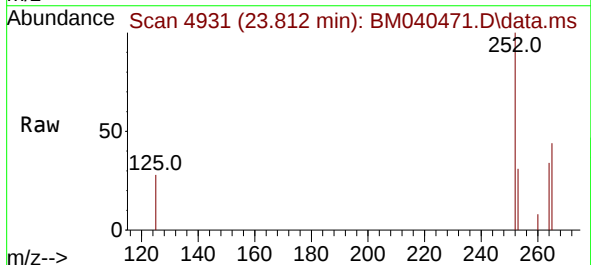
Tgt Ion:252 Resp: 1380
Ion Ratio Lower Upper
252 100
253 31.5 21.2 31.8
125 54.4 16.4 24.6

Manual Integrations
APPROVED

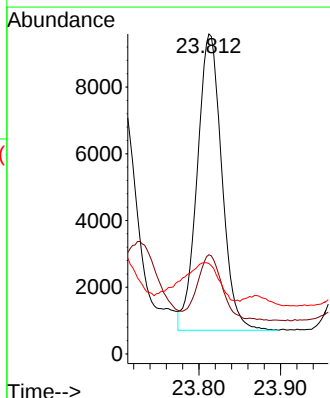
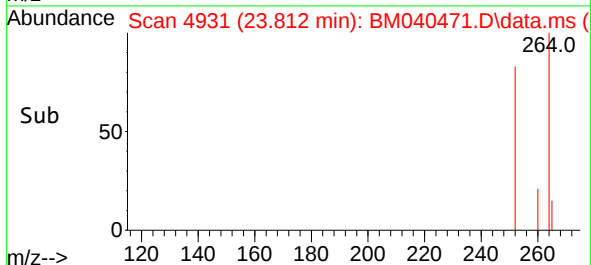
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

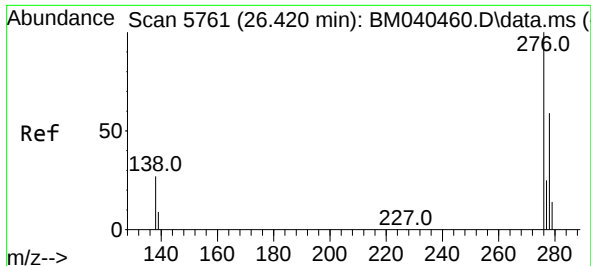


#26
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36



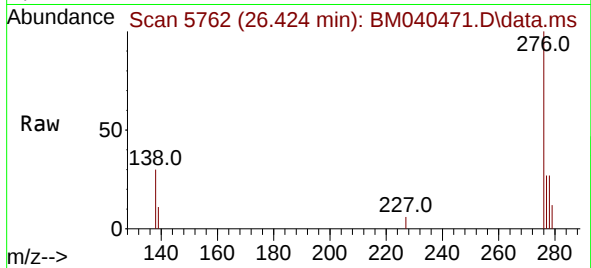
Tgt Ion:252 Resp: 18598
Ion Ratio Lower Upper
252 100
253 31.0 22.9 34.3
125 28.3 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng/ul
RT: 26.424 min Scan# 5761
Delta R.T. 0.003 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

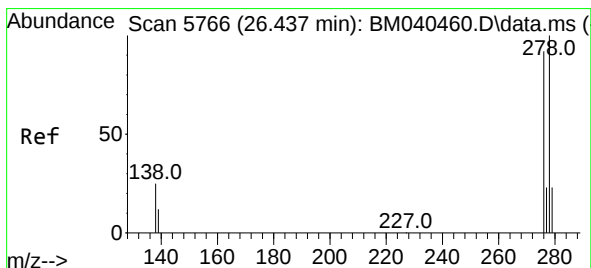
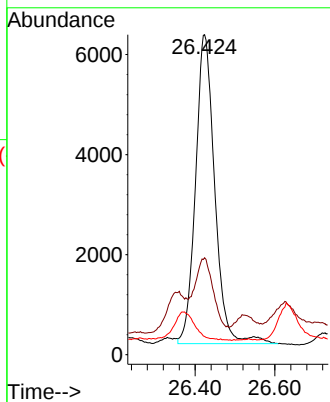
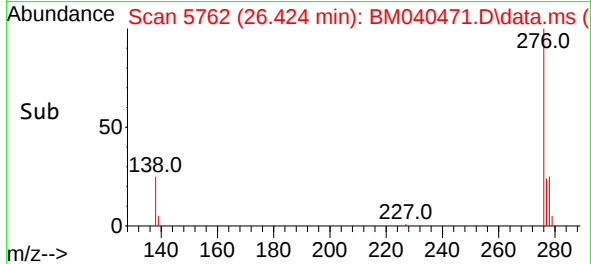
Instrument :
BNA_M
ClientSampleId :
DCFY8



Tgt Ion:276 Resp: 2066
Ion Ratio Lower Upper
276 100
138 20.0 24.5 36.7
227 0.0 0.1 0.1

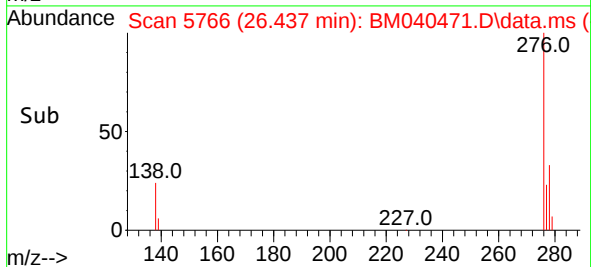
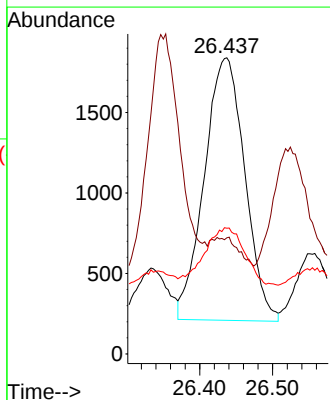
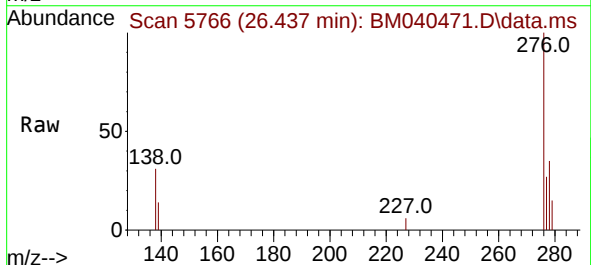
Manual Integrations
APPROVED

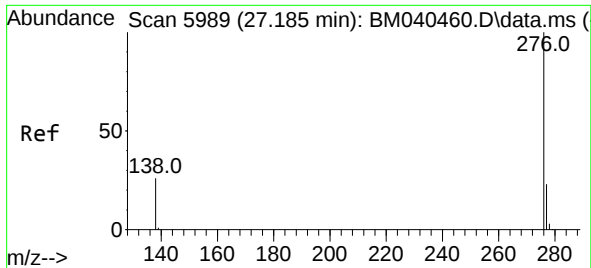
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

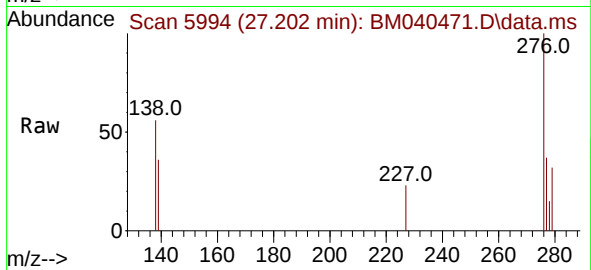
Tgt Ion:278 Resp: 6297
Ion Ratio Lower Upper
278 100
139 39.2 17.9 26.9#
279 42.4 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8



Tgt Ion:276 Resp: 419
Ion Ratio Lower Upper
276 100
138 55.8 23.0 34.6
277 36.7 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

