

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040559.D
 Acq On : 03 Jul 2023 03:29
 Operator : MA/JU
 Sample : 03245-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 06:50:32 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	7.923	152	8145	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.733	136	29151	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.571	164	15891	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	32078	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	19282	0.400	ng/ul	0.00
23) Perylene-d12	23.913	264	18819	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	39422	3.081	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.322	152	9632	0.236	ng/ul	-0.01
18) Fluoranthene-d10	19.346	212	17735	0.287	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.782	128	5449	0.068	ng/ul#	90
7) 2-Methylnaphthalene	12.393	142	3722	0.079	ng/ul	99
8) 1-Methylnaphthalene	12.613	142	2677	0.057	ng/ul	98
10) Acenaphthylene	14.289	152	5349	0.075	ng/ul#	90
11) Acenaphthene	14.631	153	2658	0.044	ng/ul	96
12) Fluorene	15.617	166	2342	0.037	ng/ul#	94
15) Phenanthrene	17.360	178	57192	0.574	ng/ul	99
16) Anthracene	17.449	178	11463	0.137	ng/ul#	94
19) Fluoranthene	19.373	202	155550	1.899	ng/ul	98
20) Pyrene	19.741	202	122926	1.400	ng/ul	98
21) Benzo(a)anthracene	21.487	228	67072	1.028	ng/ul	97
22) Chrysene	21.540	228	74626	1.003	ng/ul	97
24) Benzo(b)fluoranthene	23.182	252	107686	1.479	ng/ul	96
25) Benzo(k)fluoranthene	23.220	252	39424m	0.549	ng/ul	
26) Benzo(a)pyrene	23.808	252	66013	1.006	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.419	276	60445	0.662	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.429	278	15961	0.223	ng/ul#	77
29) Benzo(g,h,i)perylene	27.190	276	56899	0.711	ng/ul	99

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

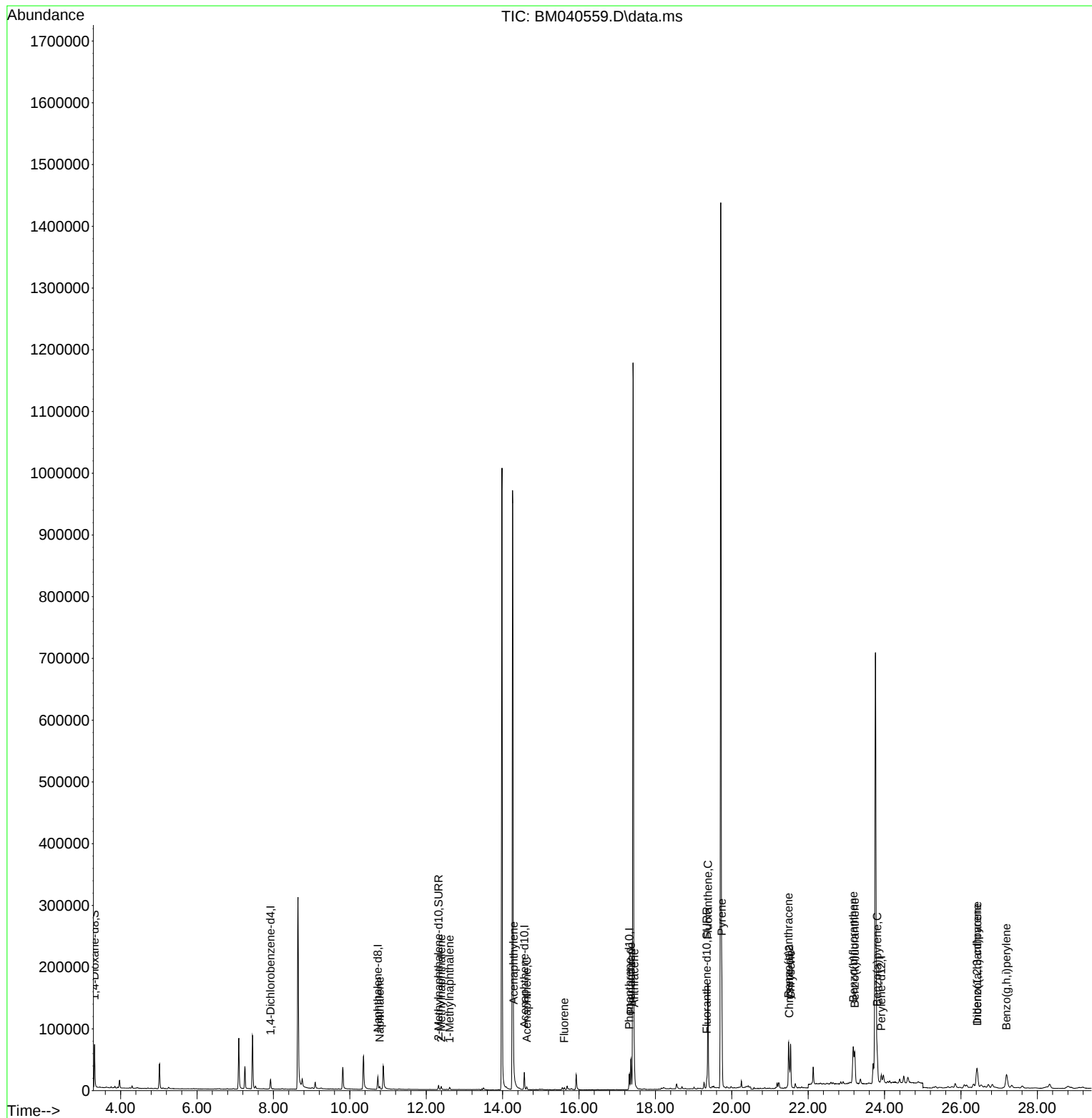
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040559.D
Acq On : 03 Jul 2023 03:29
Operator : MA/JU
Sample : 03245-04
Misc :
ALS Vial : 64 Sample Multiplier: 1

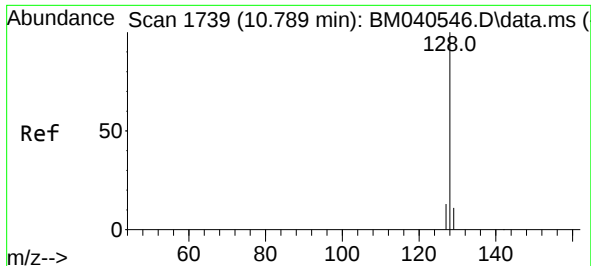
Instrument :
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ClientSampleId :
DCGG2

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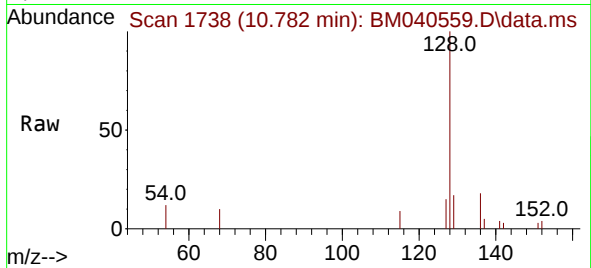
Quant Time: Jul 03 06:50:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.782 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

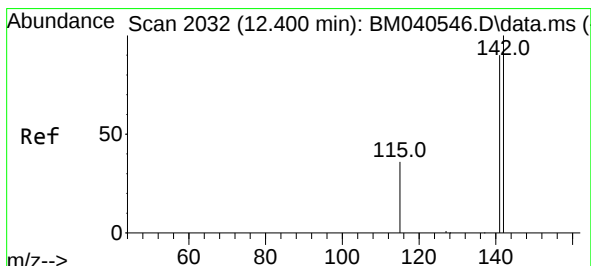
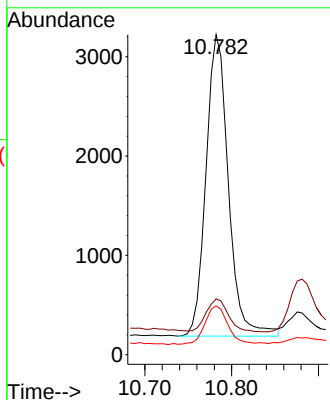
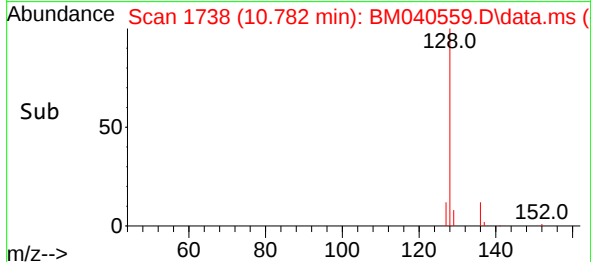
Instrument :
BNA_M
ClientSampleId :
DCGG2



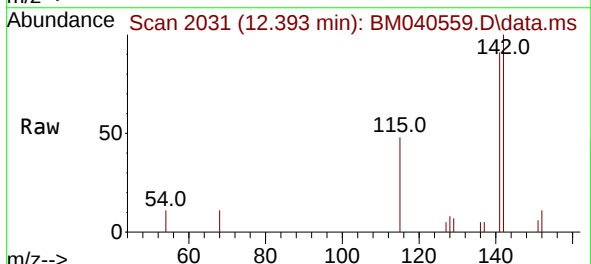
Tgt Ion:128 Resp: 5449
Ion Ratio Lower Upper
128 100
129 17.4 9.2 13.8
127 15.2 10.6 15.8

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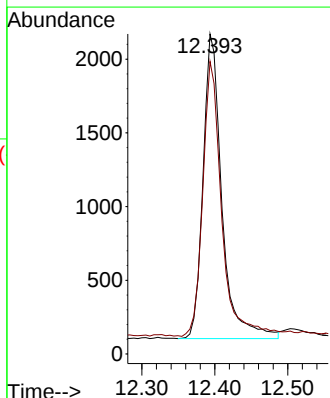
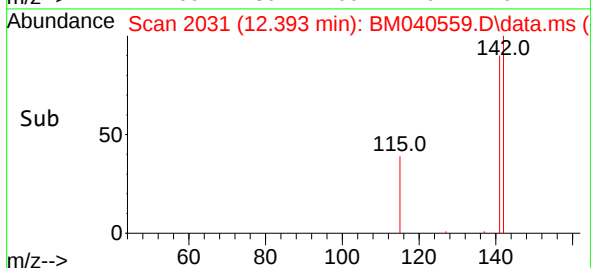
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

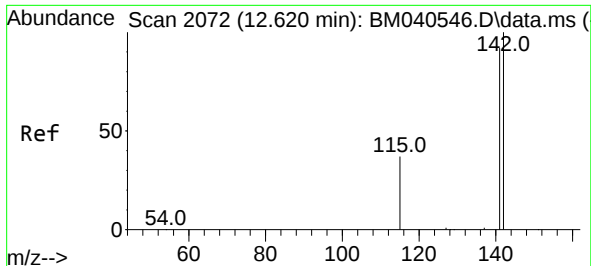


#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.393 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29



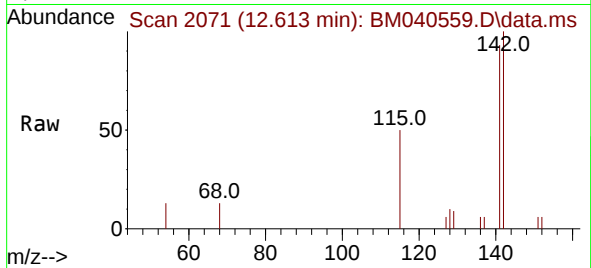
Tgt Ion:142 Resp: 3722
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.613 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

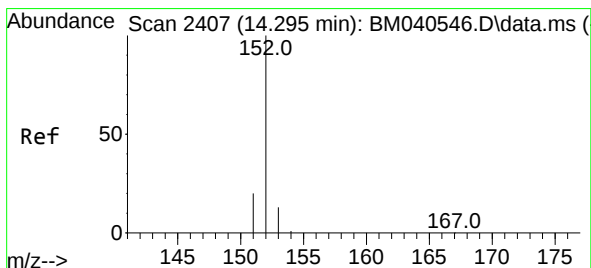
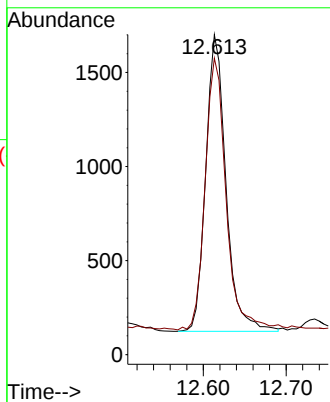
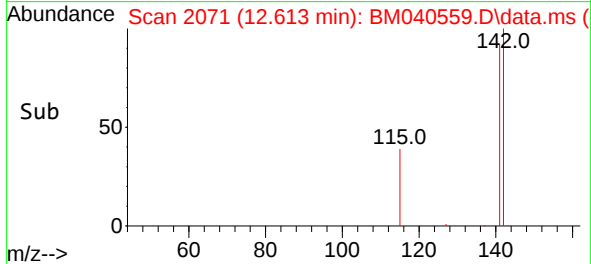
Instrument :
BNA_M
ClientSampleId :
DCGG2



Tgt Ion:142 Resp: 267
Ion Ratio Lower Upper
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141 94.4 73.7 110.5

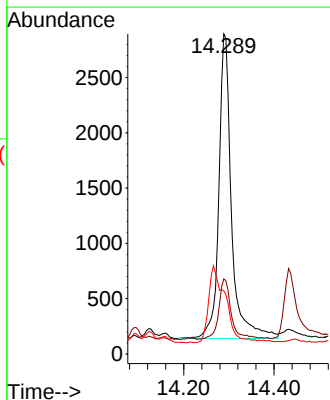
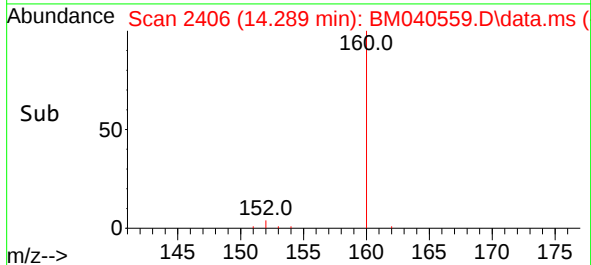
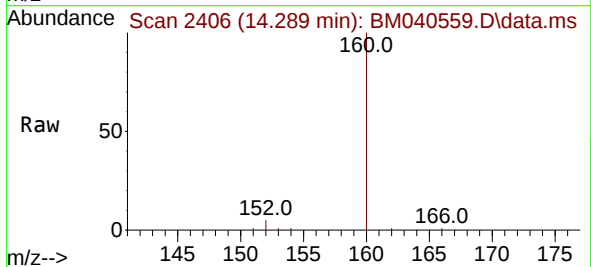
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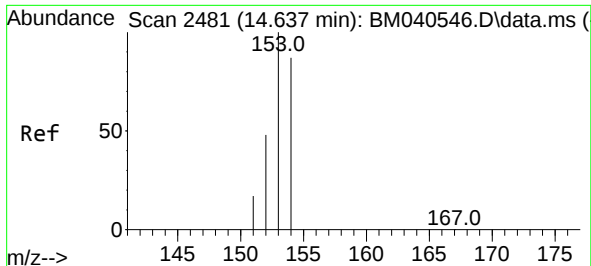
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.289 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

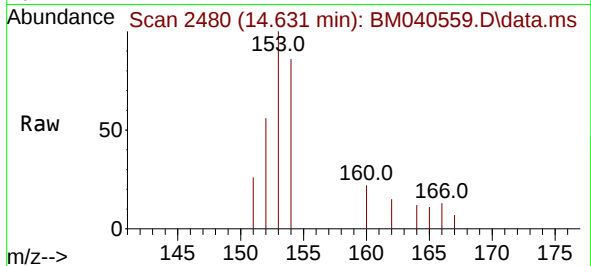
Tgt Ion:152 Resp: 5349
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 19.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.631 min Scan# 2481
Delta R.T. -0.011 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

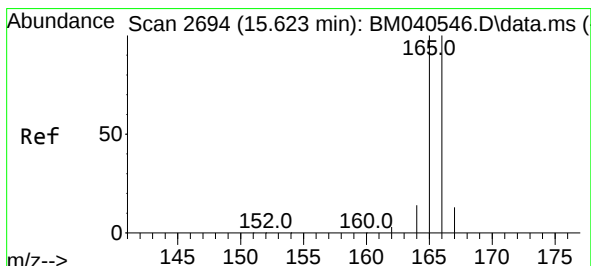
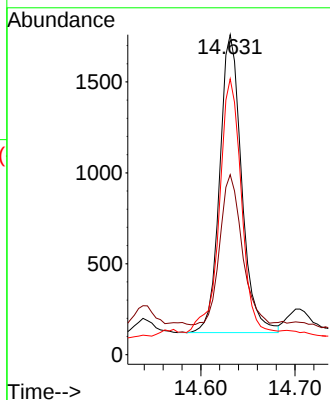
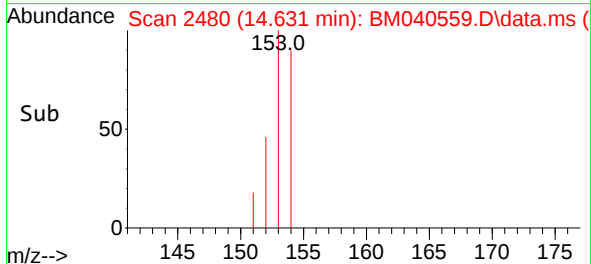
Instrument :
BNA_M
ClientSampleId :
DCGG2



Tgt Ion:153 Resp: 2658
Ion Ratio Lower Upper
153 100
152 56.3 41.0 61.4
154 86.2 70.8 106.2

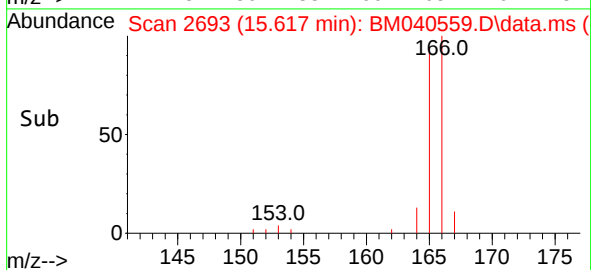
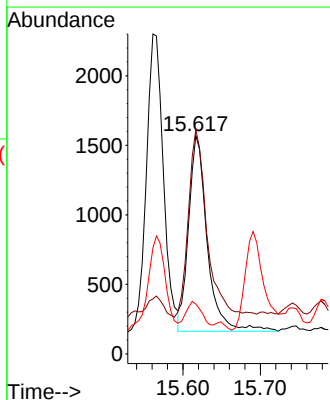
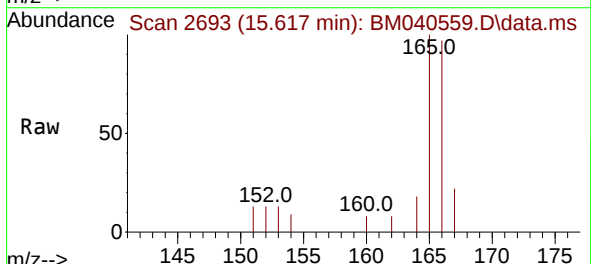
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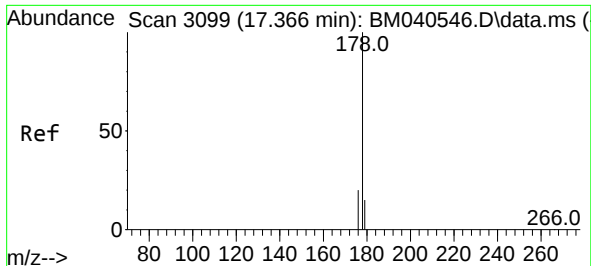
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.617 min Scan# 2693
Delta R.T. -0.015 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

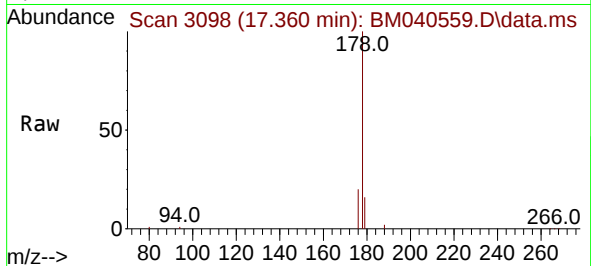
Tgt Ion:166 Resp: 2342
Ion Ratio Lower Upper
166 100
165 102.8 79.6 119.4
167 22.9 11.4 17.0#





#15
Phenanthrene
Concen: 0.574 ng/u1
RT: 17.360 min Scan# 3099
Delta R.T. -0.010 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

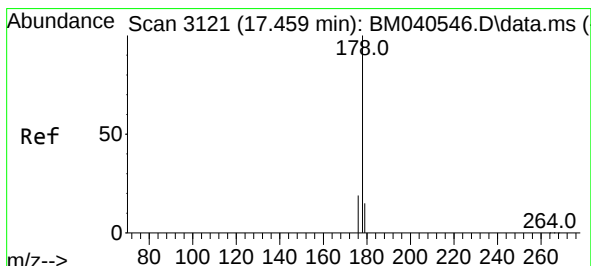
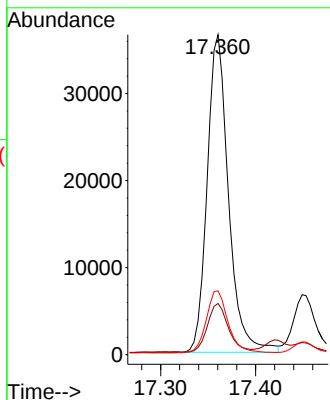
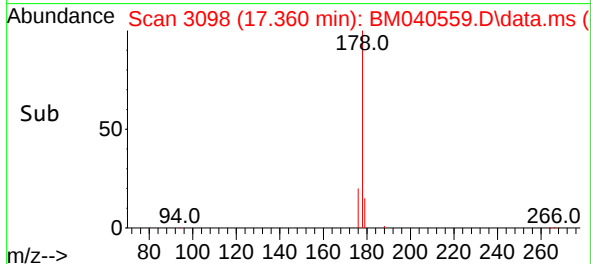
Instrument :
BNA_M
ClientSampleId :
DCGG2



Tgt Ion:178 Resp: 57192
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.0 16.4 24.6

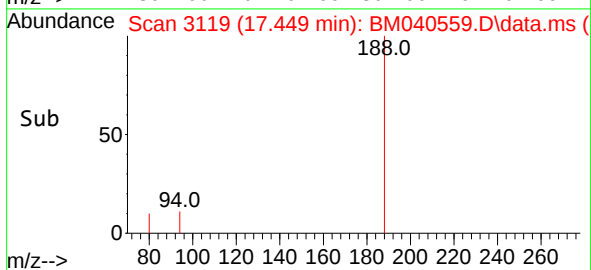
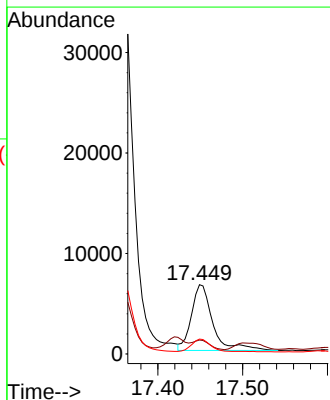
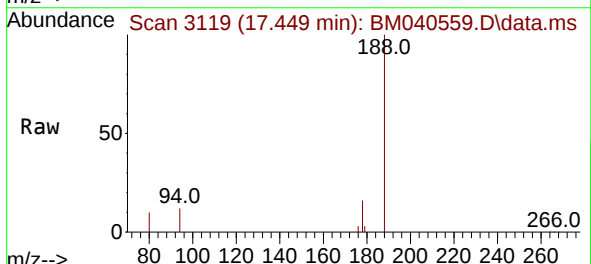
Manual Integrations
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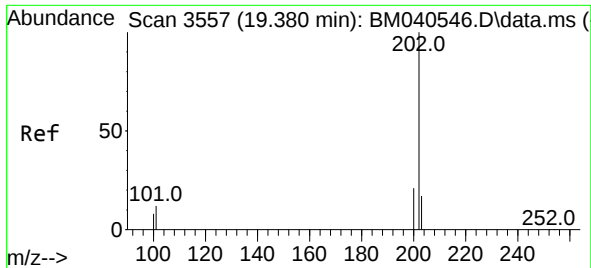
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 0.137 ng/u1
RT: 17.449 min Scan# 3119
Delta R.T. -0.014 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

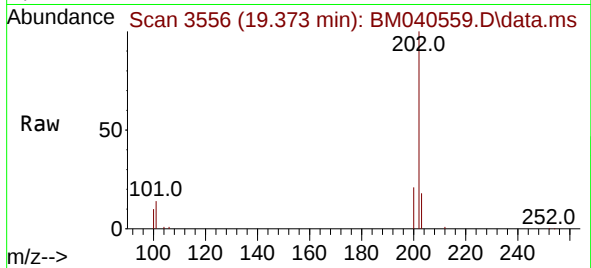
Tgt Ion:178 Resp: 11463
Ion Ratio Lower Upper
178 100
179 20.2 12.9 19.3#
176 21.5 15.8 23.6





#19
Fluoranthene
Concen: 1.899 ng/u1
RT: 19.373 min Scan# 3557
Delta R.T. -0.011 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

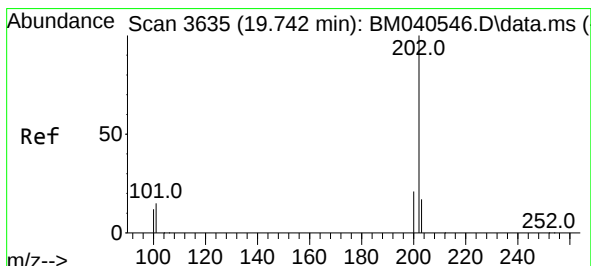
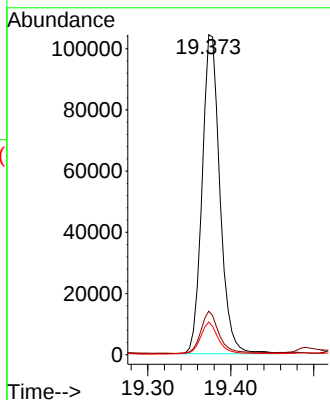
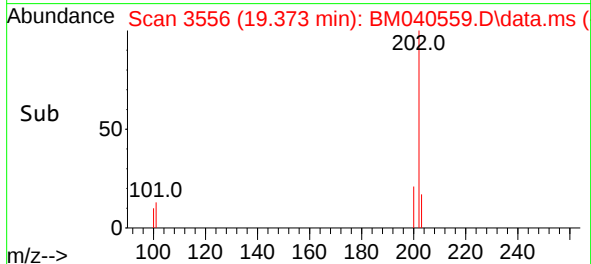
Instrument :
BNA_M
ClientSampleId :
DCGG2



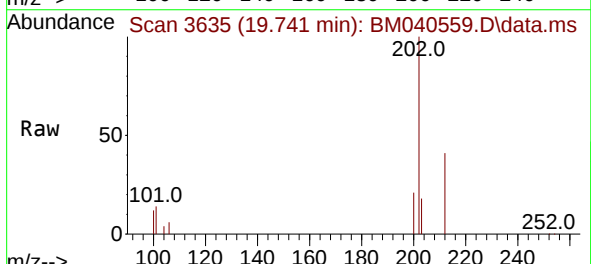
Tgt Ion:202 Resp: 155550
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.2 8.7 13.1

Manual Integrations
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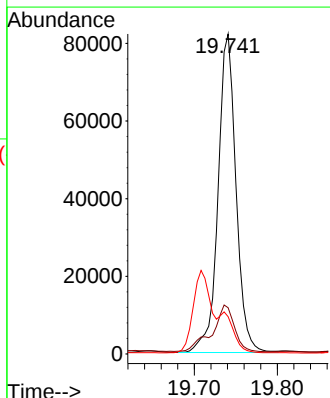
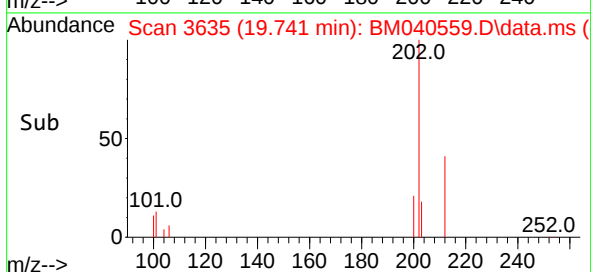
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

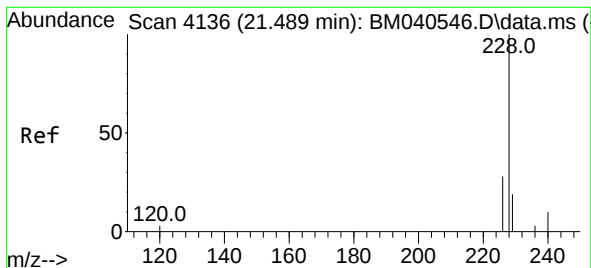


#20
Pyrene
Concen: 1.400 ng/u1
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29



Tgt Ion:202 Resp: 122926
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.7 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.028 ng/u1

RT: 21.487 min Scan# 4136

Delta R.T. -0.004 min

Lab File: BM040559.D

Acq: 03 Jul 2023 03:29

Instrument :

BNA_M

ClientSampleId :

DCGG2

Tgt Ion:228 Resp: 67072

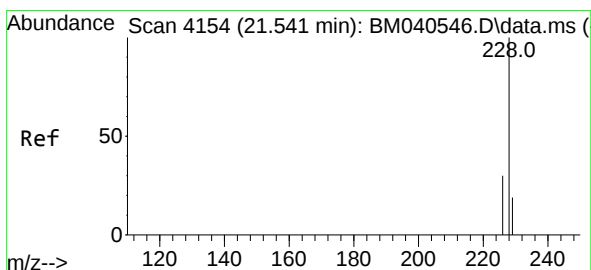
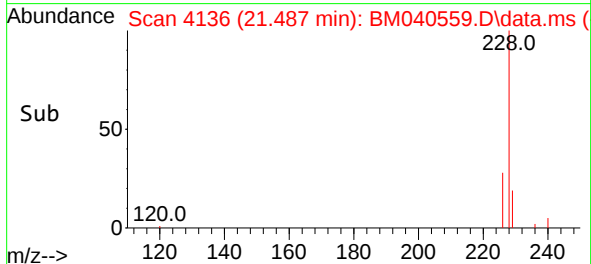
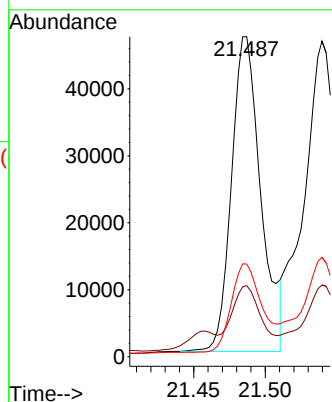
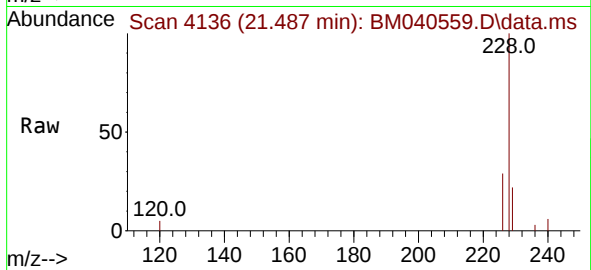
Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.0	24.0
226	28.9	22.3	33.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#22

Chrysene

Concen: 1.003 ng/u1

RT: 21.540 min Scan# 4154

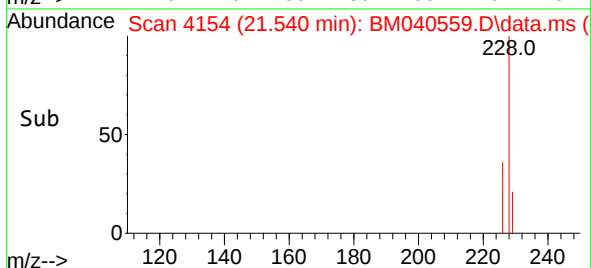
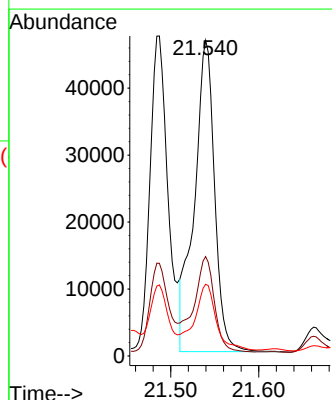
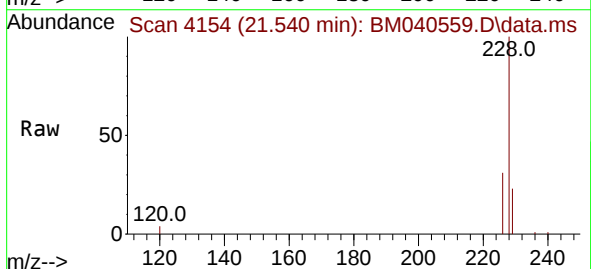
Delta R.T. -0.004 min

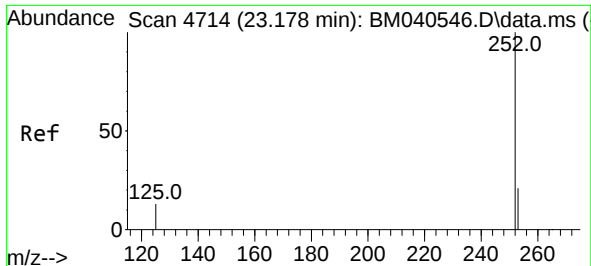
Lab File: BM040559.D

Acq: 03 Jul 2023 03:29

Tgt Ion:228 Resp: 74626

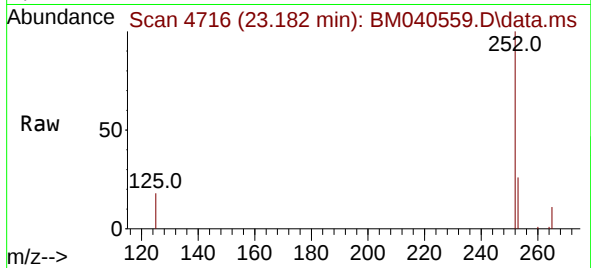
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.7	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 1.479 ng/ul
RT: 23.182 min Scan# 4716
Delta R.T. 0.002 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

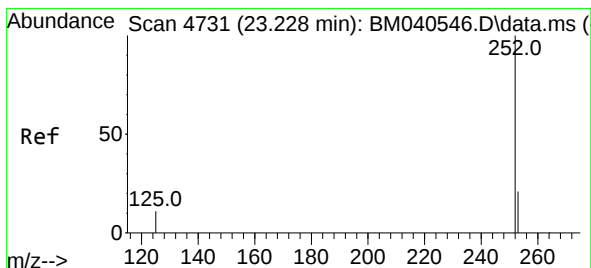
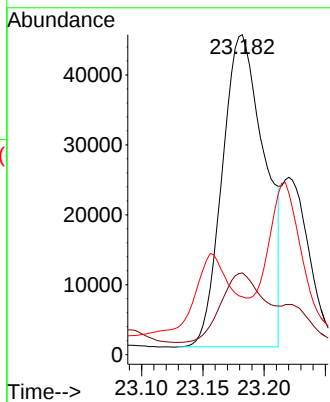
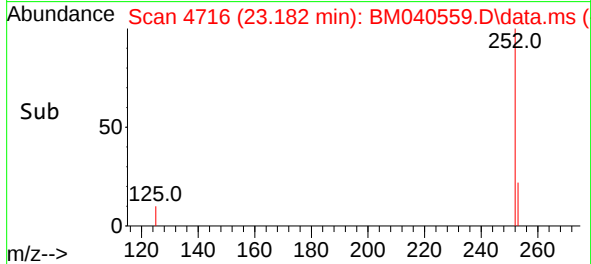
Instrument :
BNA_M
ClientSampleId :
DCGG2



Tgt Ion:252 Resp: 107680
Ion Ratio Lower Upper
252 100
253 25.5 0.0 52.8
125 18.1 0.0 43.0

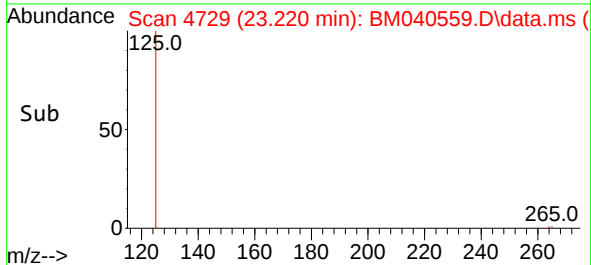
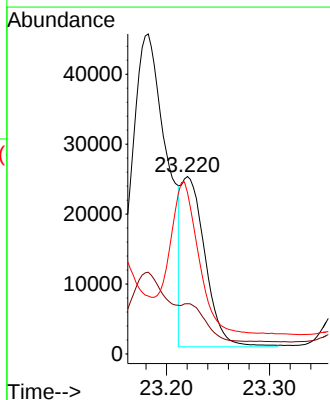
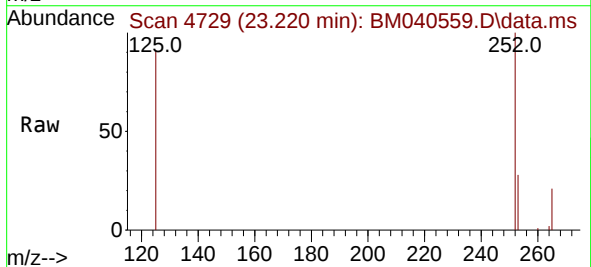
Manual Integrations
APPROVED

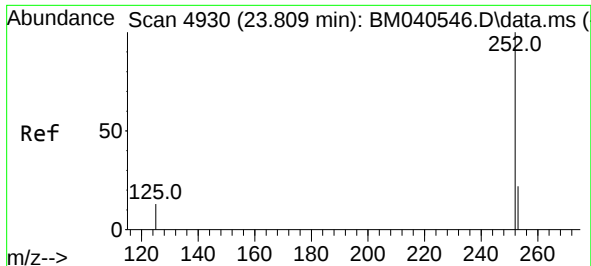
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.549 ng/ul m
RT: 23.220 min Scan# 4729
Delta R.T. -0.007 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

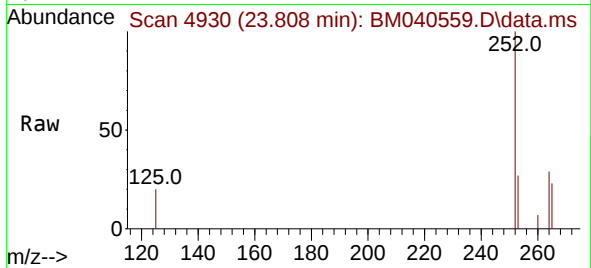
Tgt Ion:252 Resp: 39424
Ion Ratio Lower Upper
252 100
253 28.3 21.2 31.8
125 91.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.006 ng/ul
RT: 23.808 min Scan# 4930
Delta R.T. -0.004 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

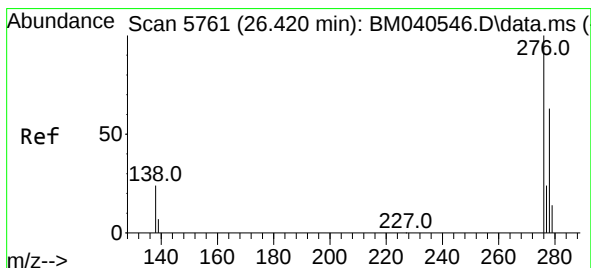
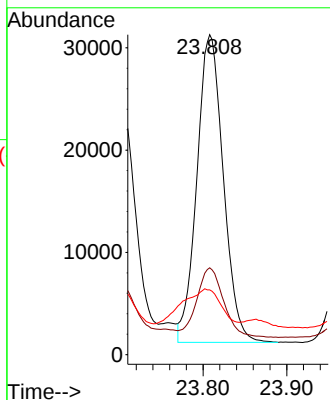
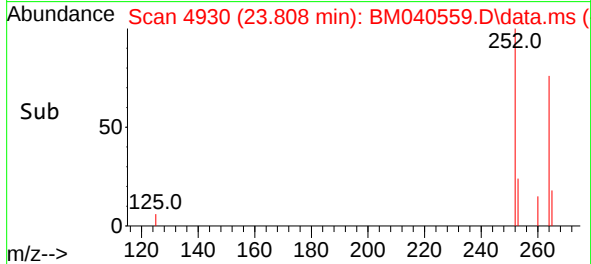
Instrument :
BNA_M
ClientSampleId :
DCGG2



Tgt Ion:252 Resp: 6601
Ion Ratio Lower Upper
252 100
253 27.1 22.9 34.3
125 20.3 21.0 31.4

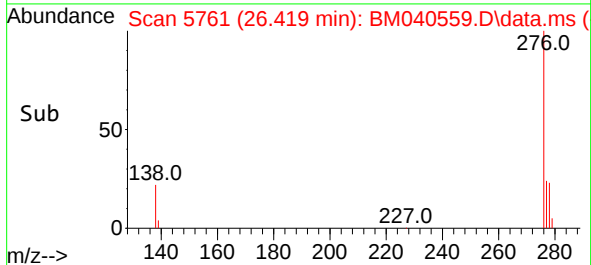
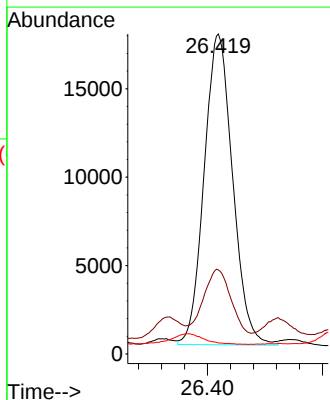
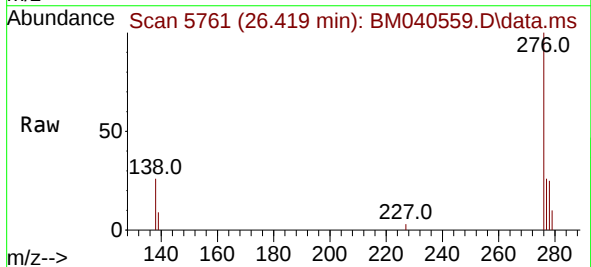
Manual Integrations
APPROVED

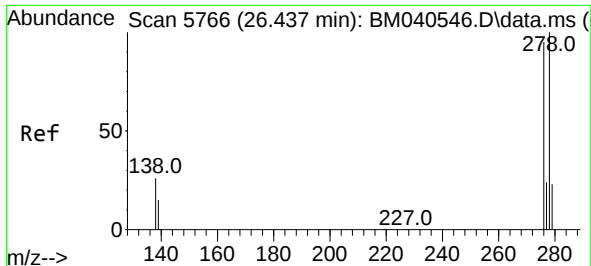
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.662 ng/ul
RT: 26.419 min Scan# 5761
Delta R.T. -0.001 min
Lab File: BM040559.D
Acq: 03 Jul 2023 03:29

Tgt Ion:276 Resp: 60445
Ion Ratio Lower Upper
276 100
138 21.1 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.223 ng/ul

RT: 26.429 min Scan# 51

Delta R.T. -0.008 min

Lab File: BM040559.D

Acq: 03 Jul 2023 03:29

Instrument :

BNA_M

ClientSampleId :

DCGG2

Tgt Ion:278 Resp: 1596

Ion Ratio Lower Upper

278 100

139 33.9 17.9 26.9

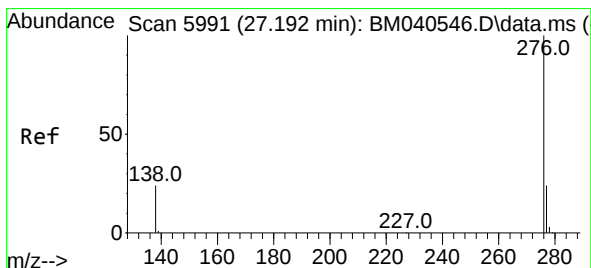
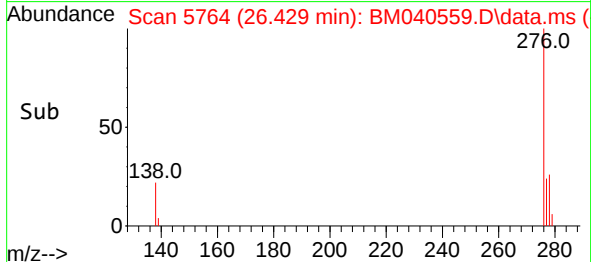
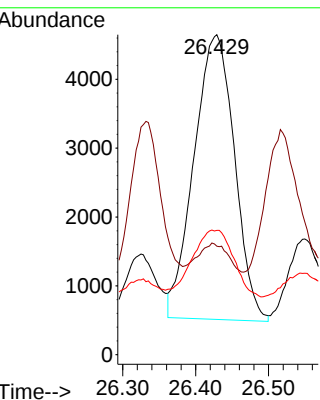
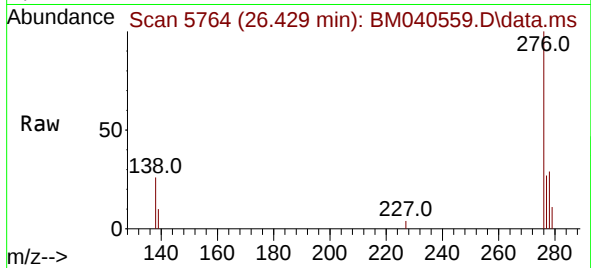
279 38.8 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#29

Benzo(g,h,i)perylene

Concen: 0.711 ng/ul

RT: 27.190 min Scan# 5991

Delta R.T. 0.005 min

Lab File: BM040559.D

Acq: 03 Jul 2023 03:29

Tgt Ion:276 Resp: 56899

Ion Ratio Lower Upper

276 100

138 28.2 23.0 34.6

277 26.0 20.3 30.5

