

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040541.D
 Acq On : 02 Jul 2023 15:40
 Operator : MA/JU
 Sample : 03243-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD0

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:20:17 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	7.928	152	7961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	28065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	14649	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	28860	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	16448	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	18665	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	27127	2.169	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	6637	0.169	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	12135	0.230	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.789	128	21669	0.280	ng/ul	98
7) 2-Methylnaphthalene	12.400	142	12449	0.274	ng/ul	98
8) 1-Methylnaphthalene	12.620	142	10536	0.232	ng/ul	99
10) Acenaphthylene	14.295	152	29353	0.449	ng/ul	99
11) Acenaphthene	14.633	153	11869	0.215	ng/ul	98
12) Fluorene	15.623	166	11353	0.192	ng/ul#	99
15) Phenanthrene	17.362	178	297044	3.314	ng/ul	98
16) Anthracene	17.450	178	61477	0.816	ng/ul	99
19) Fluoranthene	19.380	202	688511	9.854	ng/ul#	94
20) Pyrene	19.742	202	592602	7.911	ng/ul	96
21) Benzo(a)anthracene	21.488	228	283003	5.087	ng/ul	98
22) Chrysene	21.541	228	282829	4.457	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	448312	6.206	ng/ul	90
25) Benzo(k)fluoranthene	23.225	252	157246m	2.209	ng/ul	
26) Benzo(a)pyrene	23.812	252	313026	4.811	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.427	276	247814	2.735	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.430	278	58945	0.831	ng/ul	96
29) Benzo(g,h,i)perylene	27.202	276	224309	2.824	ng/ul	94

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

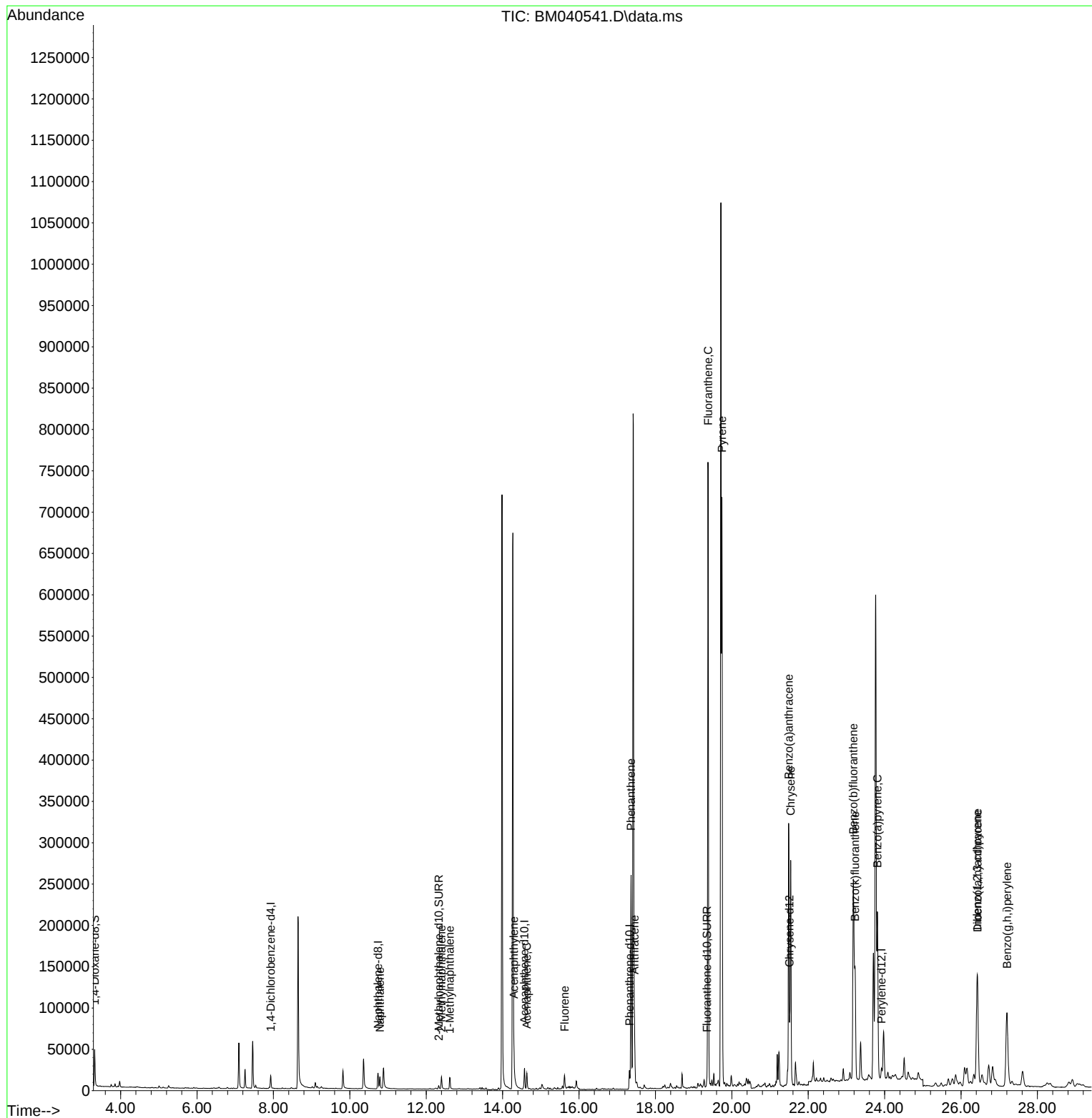
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040541.D
Acq On : 02 Jul 2023 15:40
Operator : MA/JU
Sample : 03243-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

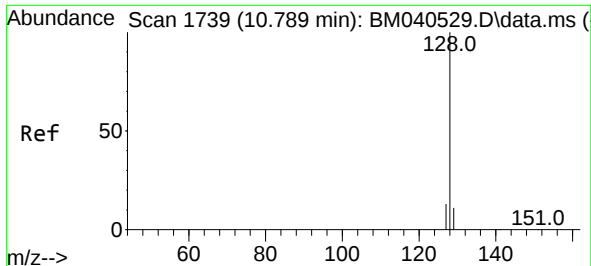
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Supervised By :mohammad ahmed 07/03/2023

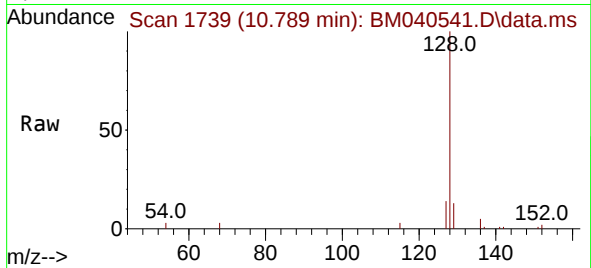
Quant Time: Jul 03 02:20:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.280 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

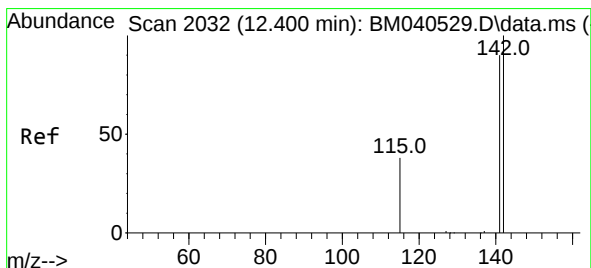
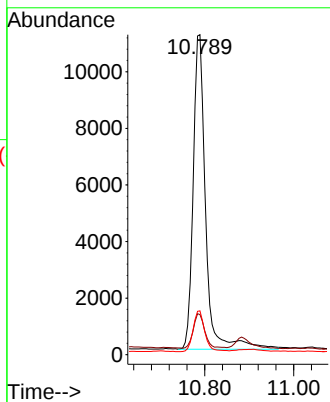
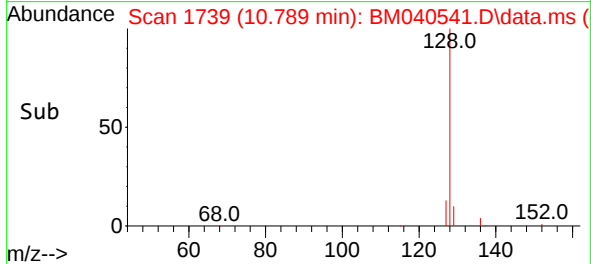
Instrument :
BNA_M
ClientSampleId :
DCGD0



Tgt Ion:128 Resp: 21669
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 13.7 10.6 15.8

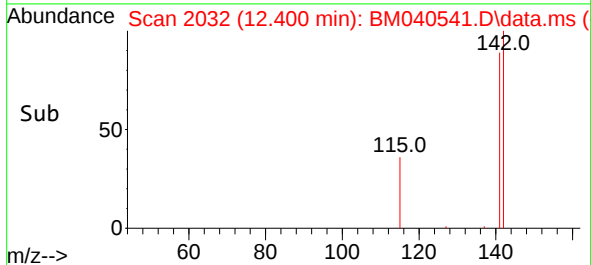
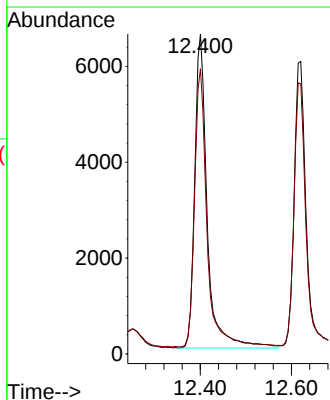
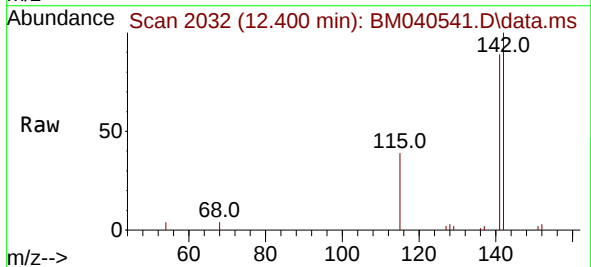
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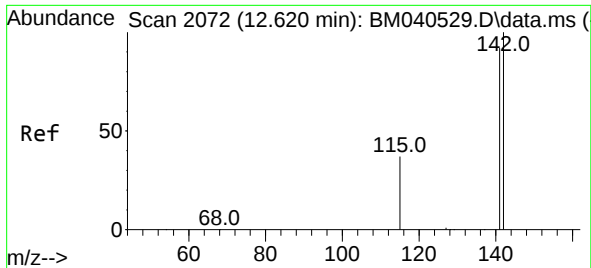
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

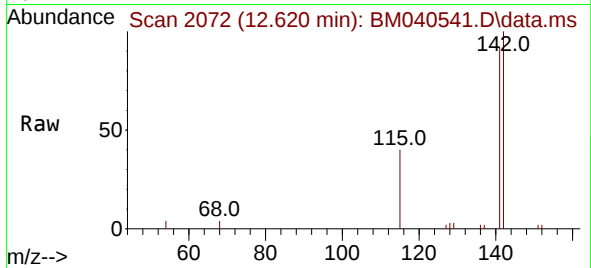
Tgt Ion:142 Resp: 12449
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.232 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

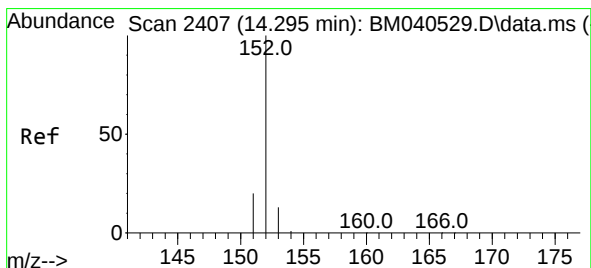
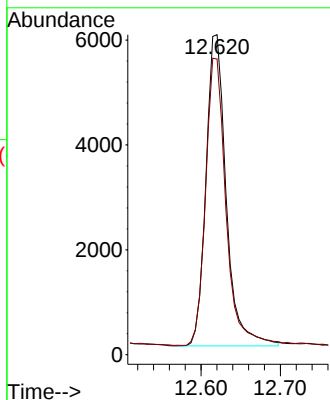
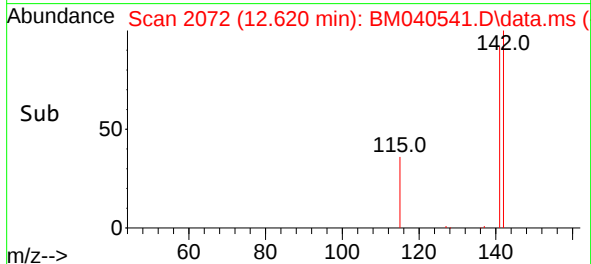
Instrument :
BNA_M
ClientSampleId :
DCGD0



Tgt Ion:142 Resp: 10530
Ion Ratio Lower Upper
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141 92.9 73.7 110.5

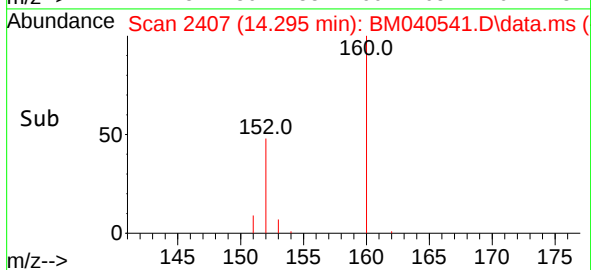
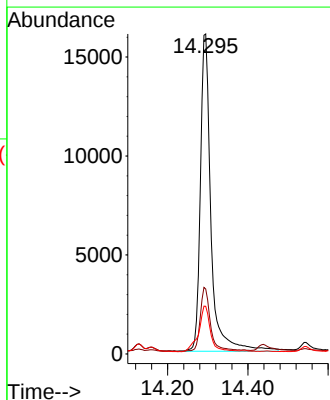
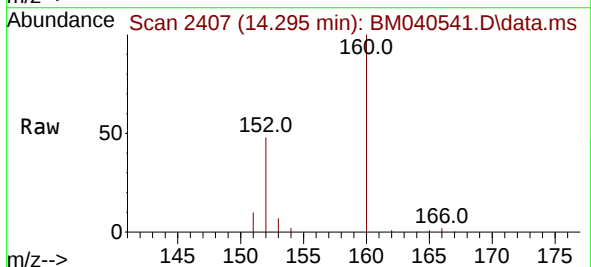
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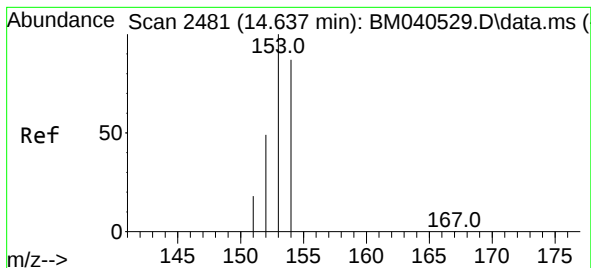
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

Tgt Ion:152 Resp: 29353
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.9 10.9 16.3





#11

Acenaphthene

Concen: 0.215 ng/ul

RT: 14.633 min Scan# 2481

Delta R.T. -0.009 min

Lab File: BM040541.D

Acq: 02 Jul 2023 15:40

Instrument :

BNA_M

ClientSampleId :

DCGD0

Tgt Ion:153 Resp: 11869

Ion Ratio Lower Upper

153 100

152 51.8 41.0 61.4

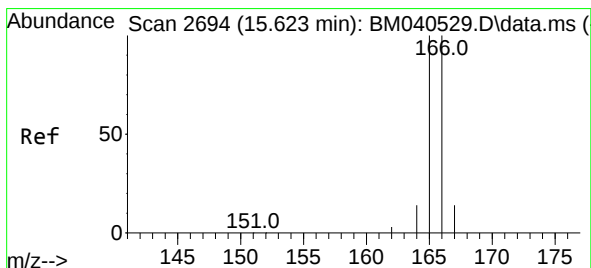
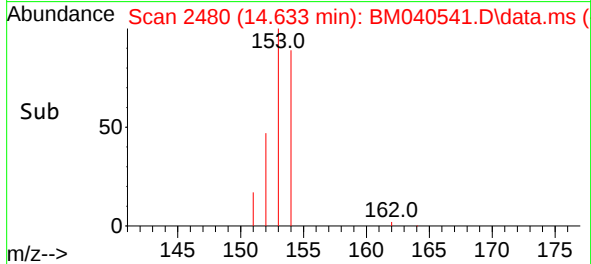
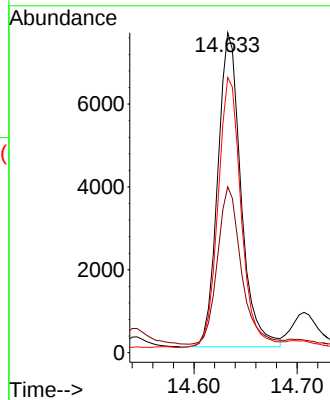
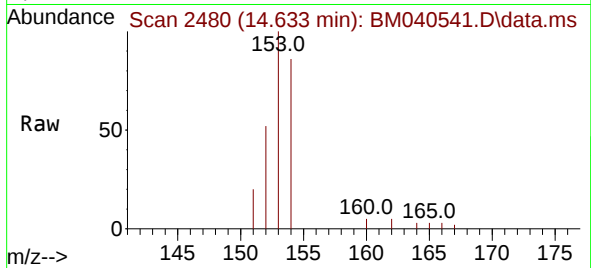
154 86.0 70.8 106.2

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Supervised By :mohammad ahmed 07/03/2023



#12

Fluorene

Concen: 0.192 ng/ul

RT: 15.623 min Scan# 2694

Delta R.T. -0.009 min

Lab File: BM040541.D

Acq: 02 Jul 2023 15:40

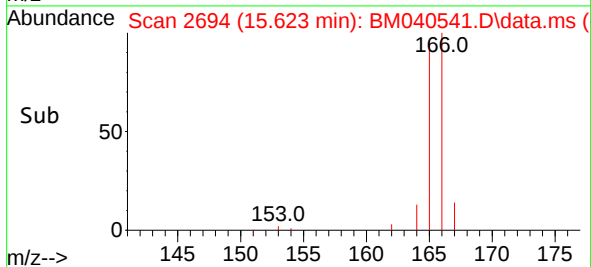
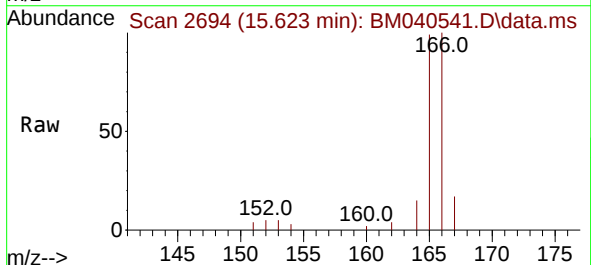
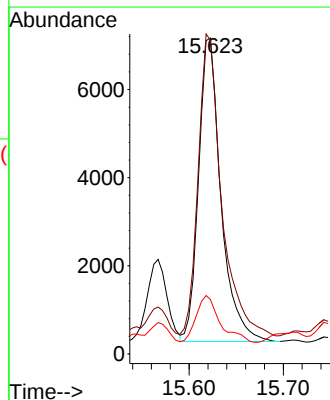
Tgt Ion:166 Resp: 11353

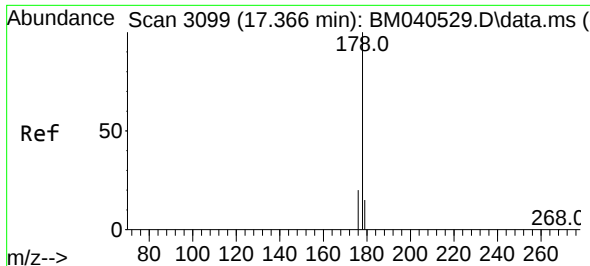
Ion Ratio Lower Upper

166 100

165 99.2 79.6 119.4

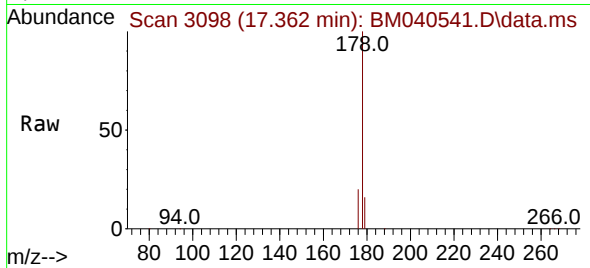
167 17.2 11.4 17.0#





#15
Phenanthrene
Concen: 3.314 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

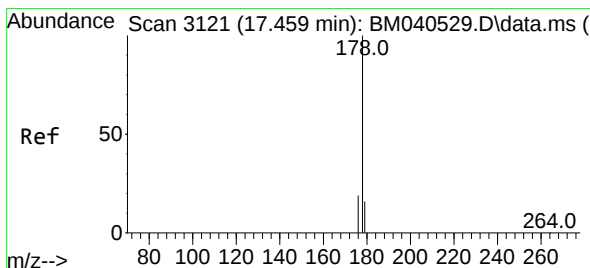
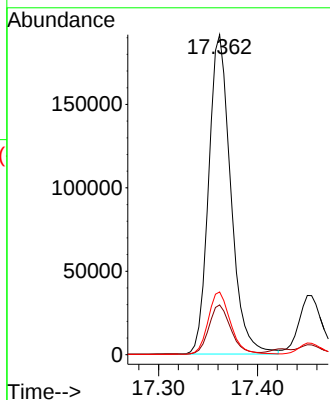
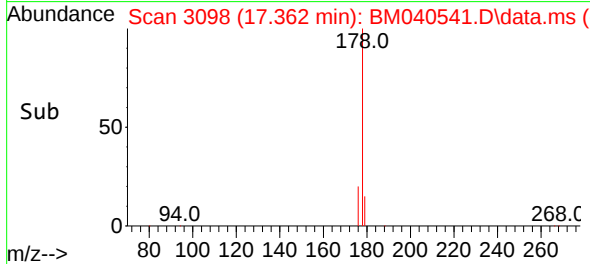
Instrument :
BNA_M
ClientSampleId :
DCGD0



Tgt Ion:178 Resp: 297044
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6

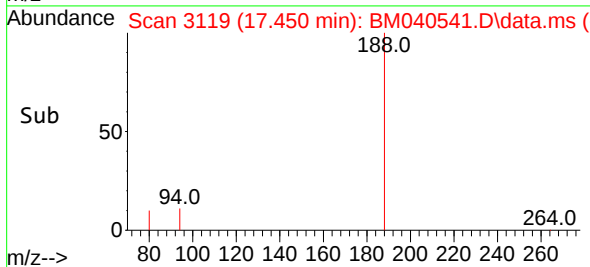
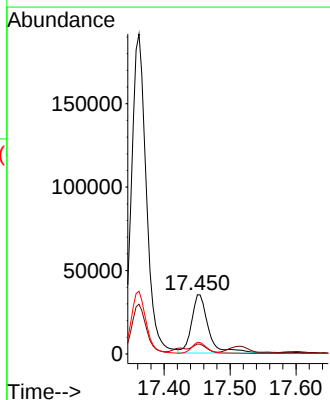
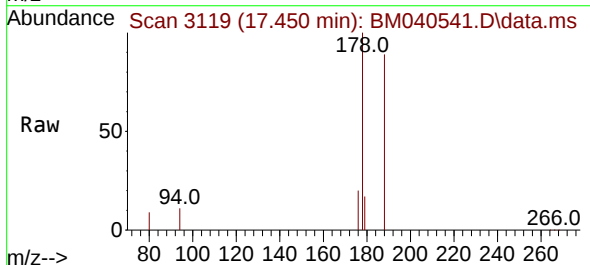
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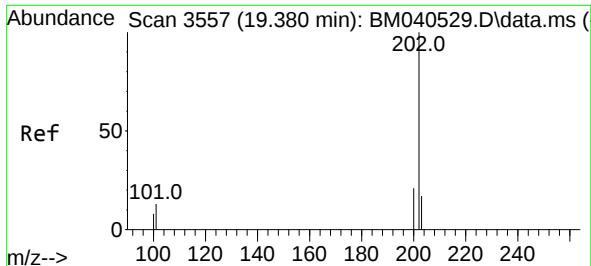
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 0.816 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

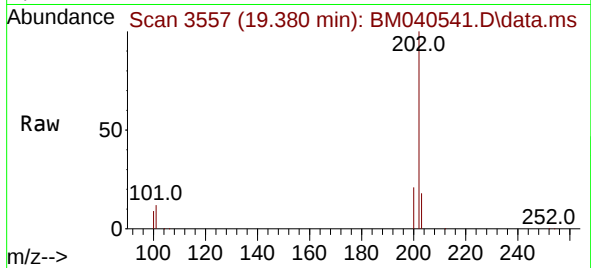
Tgt Ion:178 Resp: 61477
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.7 15.8 23.6





#19
Fluoranthene
Concen: 9.854 ng/ul
RT: 19.380 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

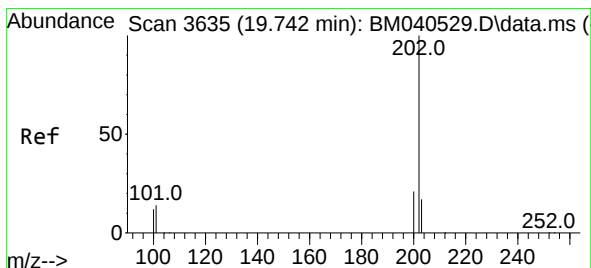
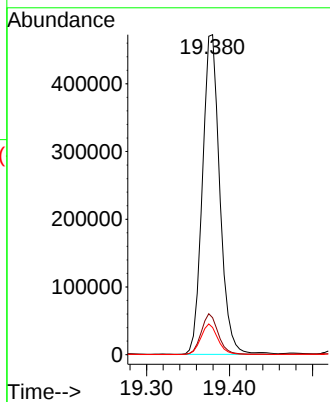
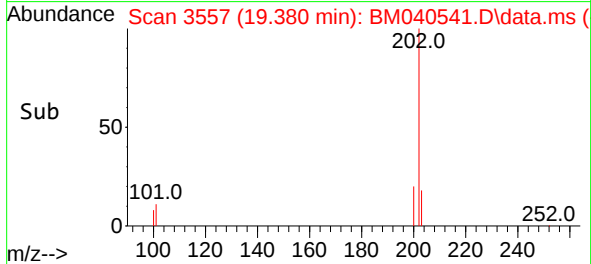
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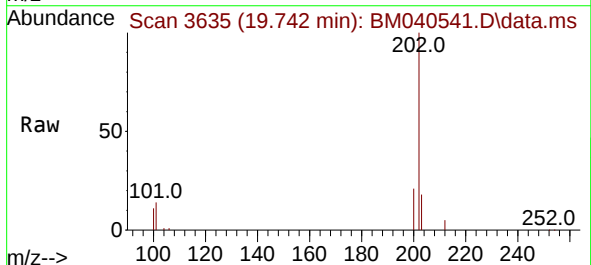
Tgt Ion:202 Resp: 68851
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.0
100 8.5 8.7 13.1

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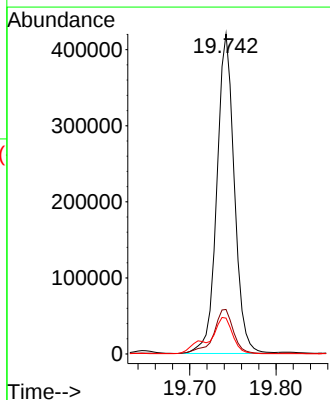
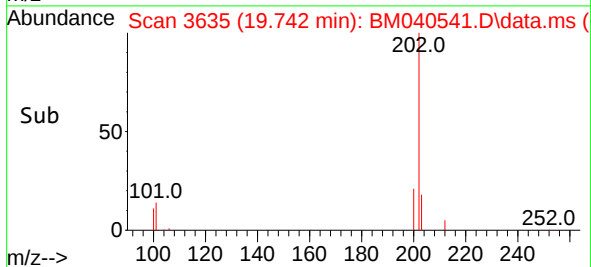
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

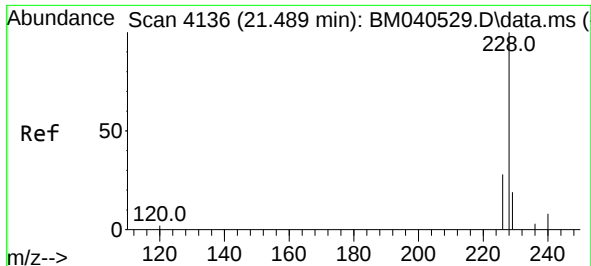


#20
Pyrene
Concen: 7.911 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40



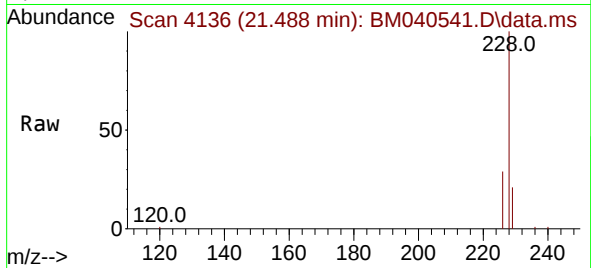
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Ion Ratio Lower Upper
202 100
101 13.9 12.6 18.8
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.087 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

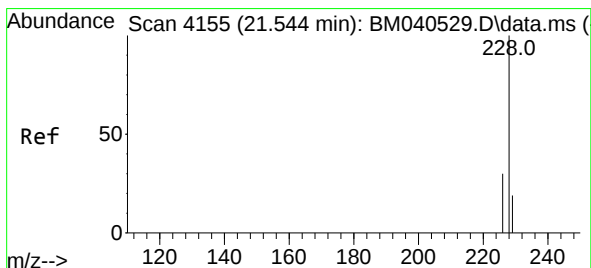
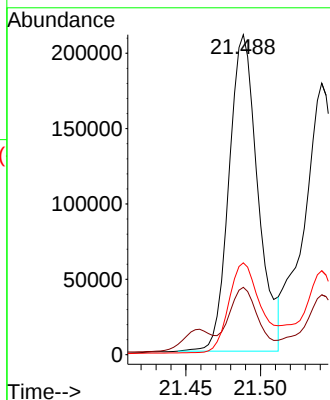
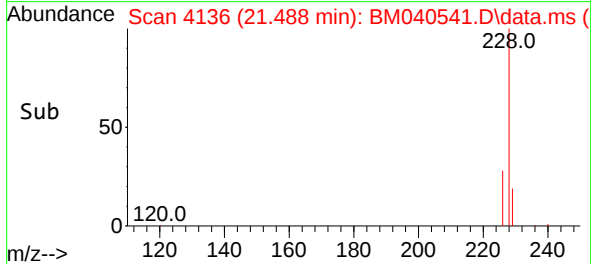
Instrument :
BNA_M
ClientSampleId :
DCGD0



Tgt Ion:228 Resp: 283000
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.7 22.3 33.5

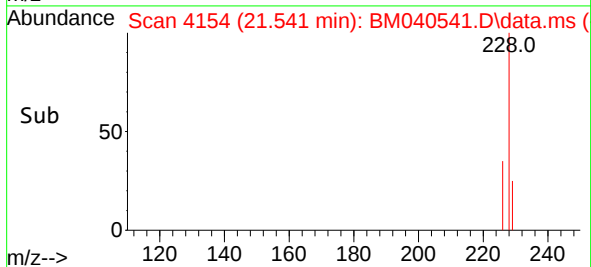
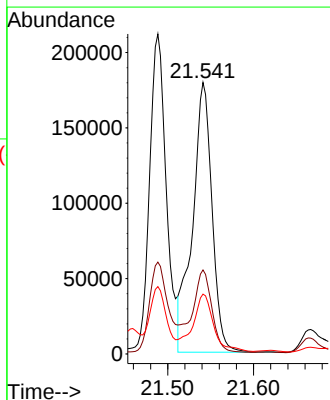
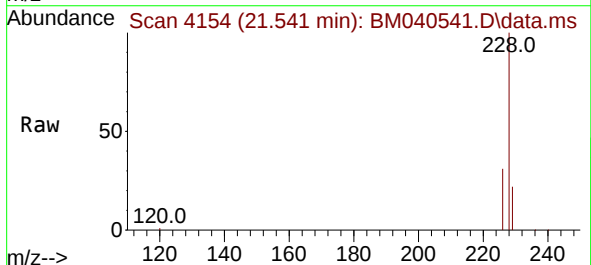
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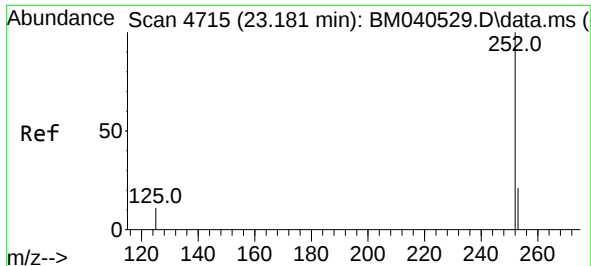
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 4.457 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

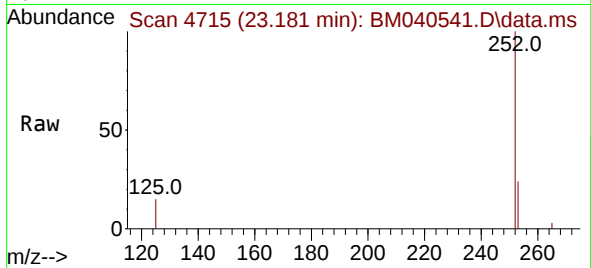
Tgt Ion:228 Resp: 282829
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 6.206 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

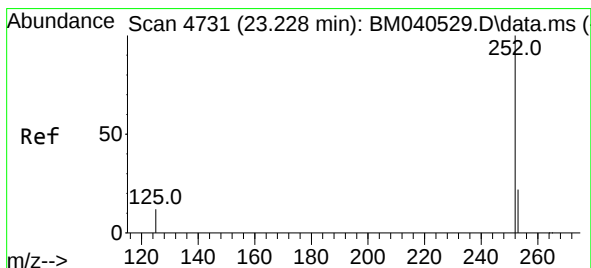
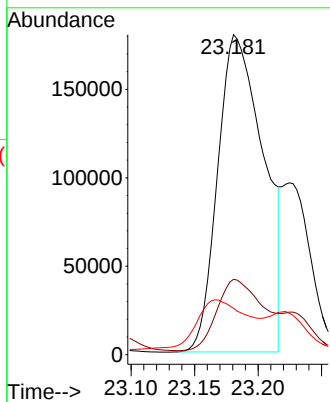
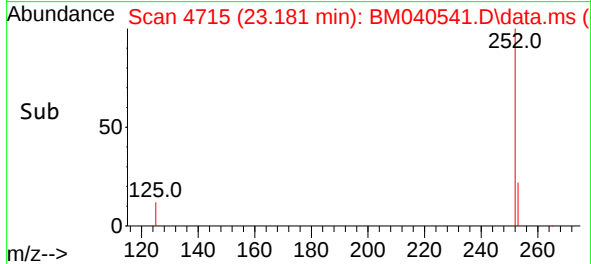
Instrument :
BNA_M
ClientSampleId :
DCGD0



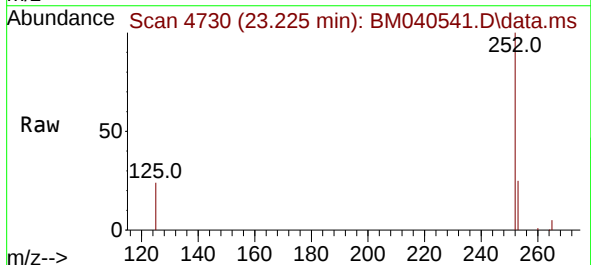
Tgt Ion:252 Resp: 448312
Ion Ratio Lower Upper
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253 23.6 0.0 52.8
125 14.5 0.0 43.0

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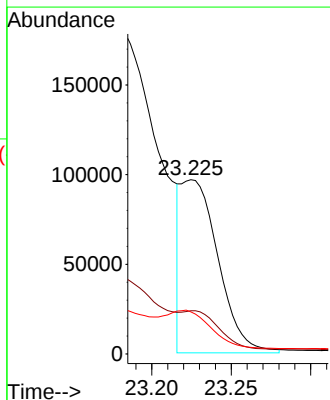
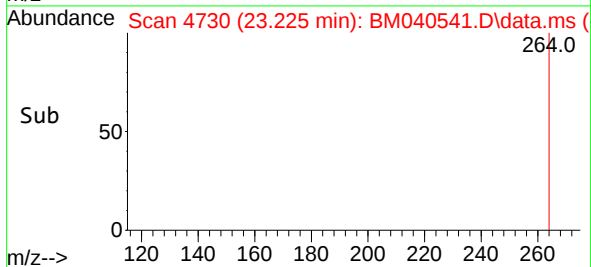
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

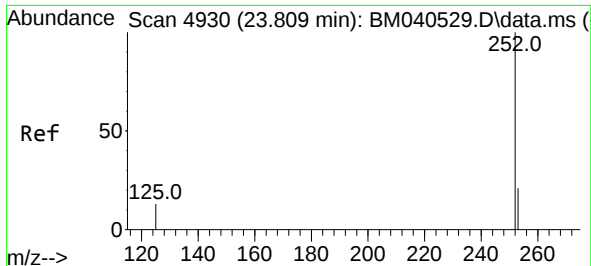


#25
Benzo(k)fluoranthene
Concen: 2.209 ng/ul m
RT: 23.225 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40



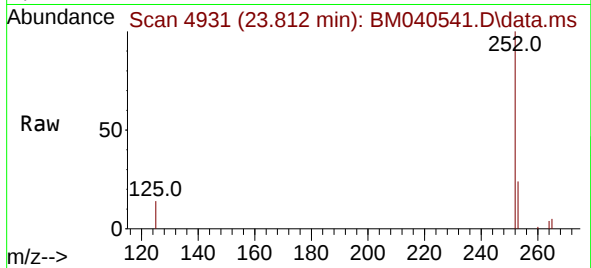
Tgt Ion:252 Resp: 157246
Ion Ratio Lower Upper
252 100
253 24.8 21.2 31.8
125 24.1 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.811 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

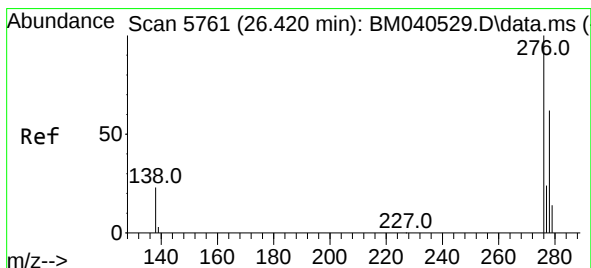
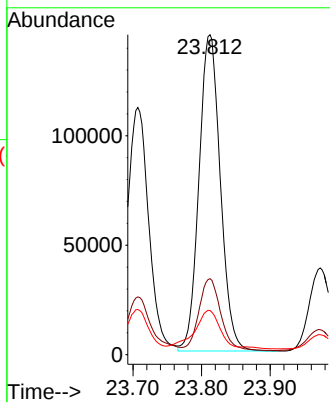
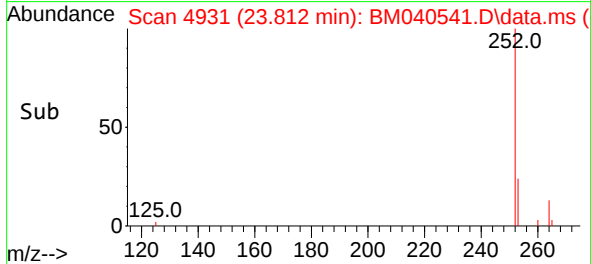
Instrument :
BNA_M
ClientSampleId :
DCGD0



Tgt Ion:252 Resp: 313020
Ion Ratio Lower Upper
252 100
253 23.7 22.9 34.3
125 13.8 21.0 31.4

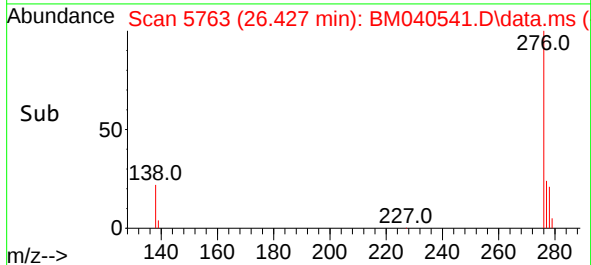
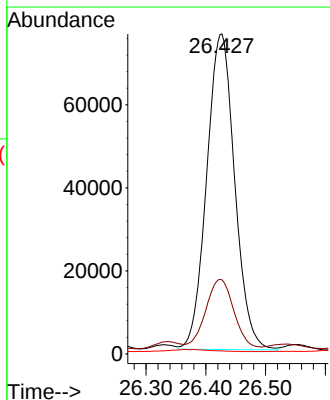
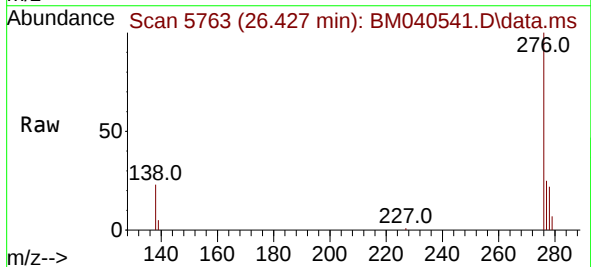
Manual Integrations
APPROVED

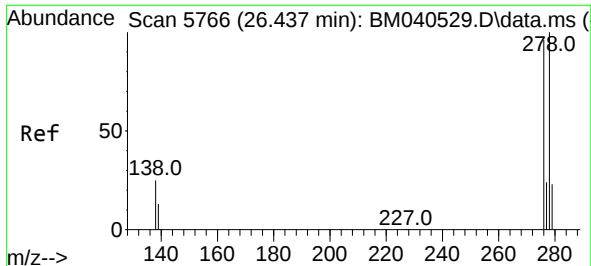
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.735 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. 0.007 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

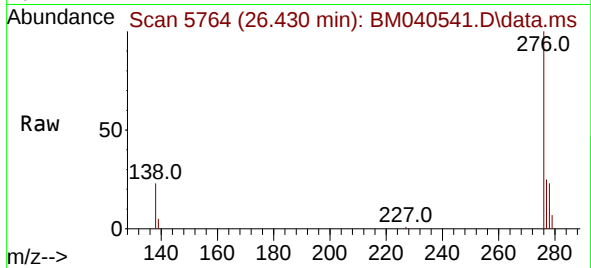
Tgt Ion:276 Resp: 247814
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.831 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.007 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40

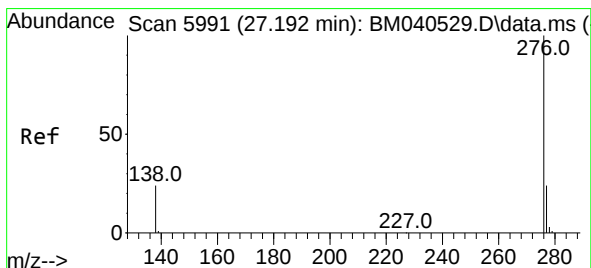
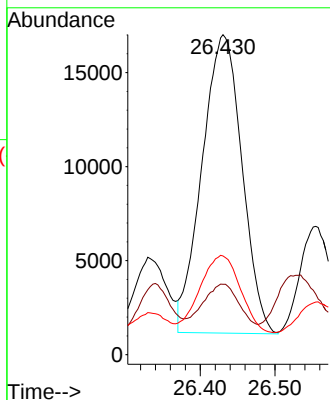
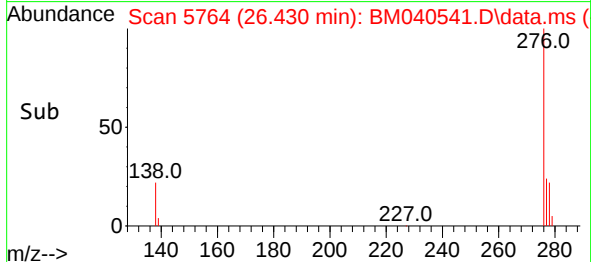
Instrument :
BNA_M
ClientSampleId :
DCGD0



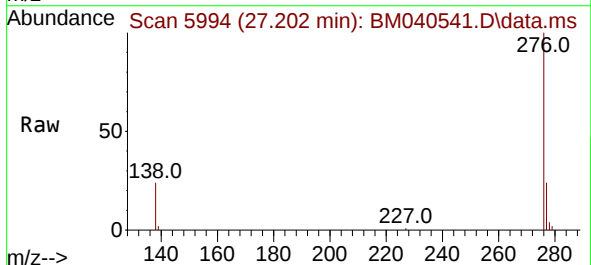
Tgt Ion:278 Resp: 5894
Ion Ratio Lower Upper
278 100
139 22.0 17.9 26.9
279 30.9 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.824 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040541.D
Acq: 02 Jul 2023 15:40



Tgt Ion:276 Resp: 224309
Ion Ratio Lower Upper
276 100
138 24.1 23.0 34.6
277 24.3 20.3 30.5

