

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040609.D
 Acq On : 04 Jul 2023 12:49
 Operator : MA/JU
 Sample : 03243-19DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:18:26 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	6790	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	25746	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.558	164	12049	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	22627	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	13131	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	12206	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5589	0.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1396	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	1888	0.045	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.281	152	16443	0.305	ng/ul	98
15) Phenanthrene	17.349	178	9062	0.129	ng/ul	96
16) Anthracene	17.442	178	17448	0.295	ng/ul	98
19) Fluoranthene	19.366	202	74228	1.331	ng/ul	98
20) Pyrene	19.728	202	85732	1.434	ng/ul	99
21) Benzo(a)anthracene	21.480	228	51429	1.158	ng/ul	98
22) Chrysene	21.532	228	59409m	1.173	ng/ul	
24) Benzo(b)fluoranthene	23.169	252	100517	2.128	ng/ul	91
25) Benzo(k)fluoranthene	23.207	252	36055m	0.774	ng/ul	
26) Benzo(a)pyrene	23.792	252	39881	0.937	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.397	276	37217	0.628	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.400	278	9111	0.196	ng/ul#	87
29) Benzo(g,h,i)perylene	27.165	276	31045	0.598	ng/ul	98

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

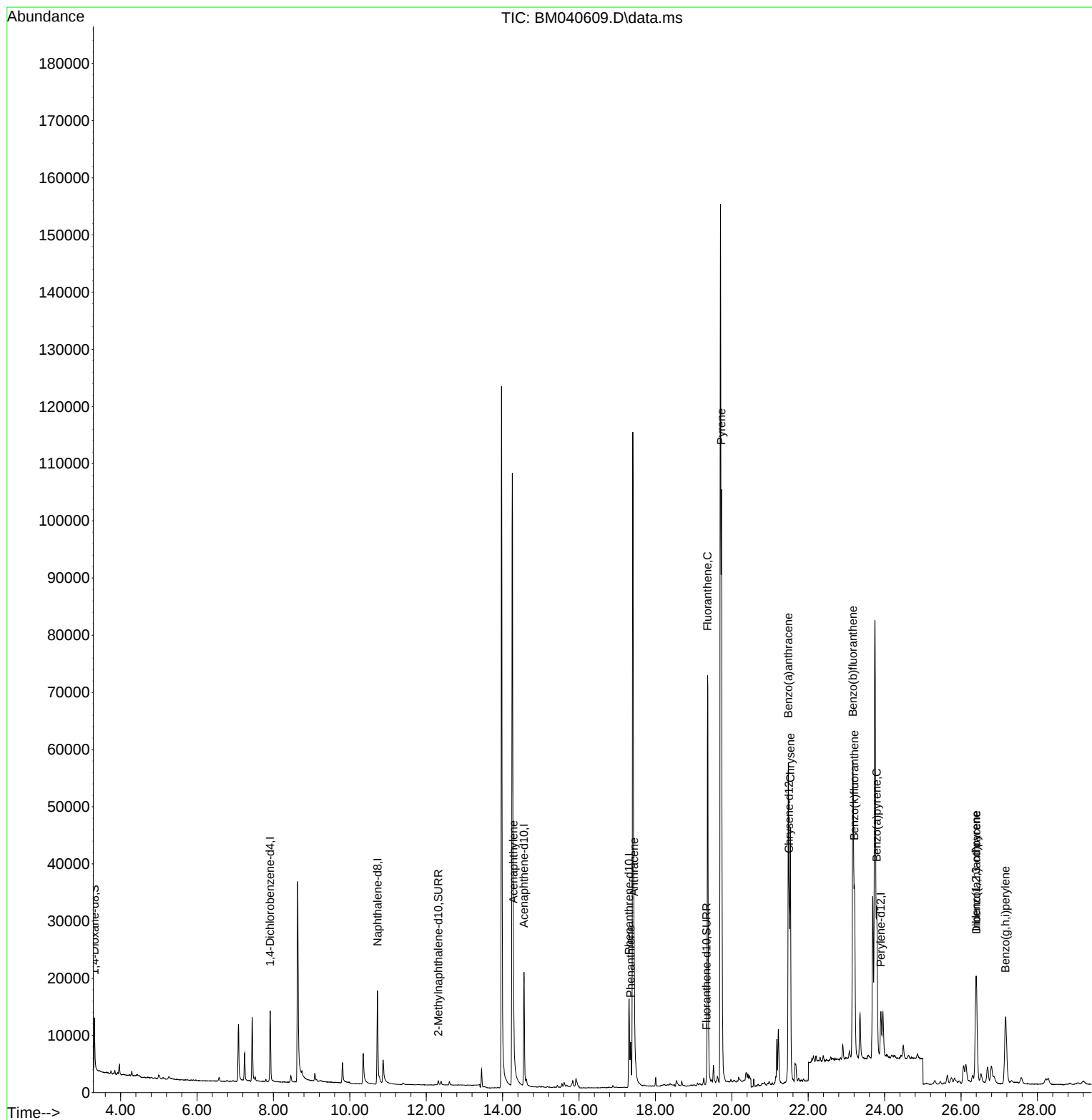
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040609.D
Acq On : 04 Jul 2023 12:49
Operator : MA/JU
Sample : 03243-19DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

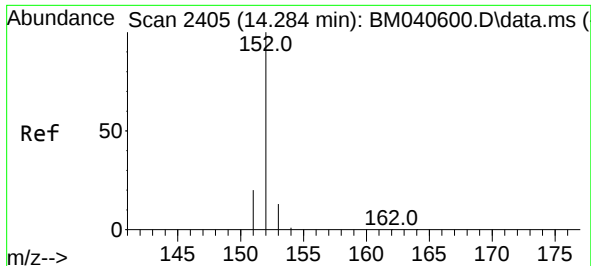
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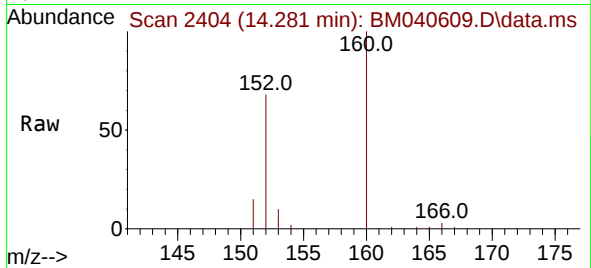
Quant Time: Jul 05 01:18:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

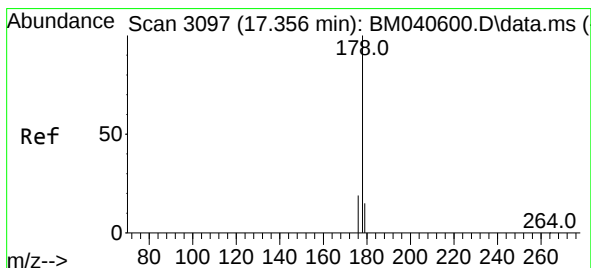
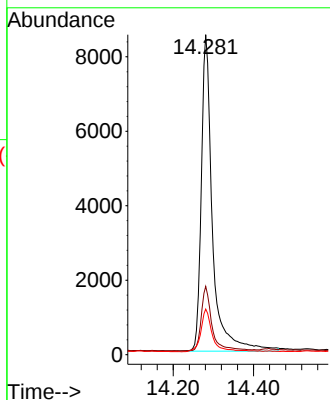
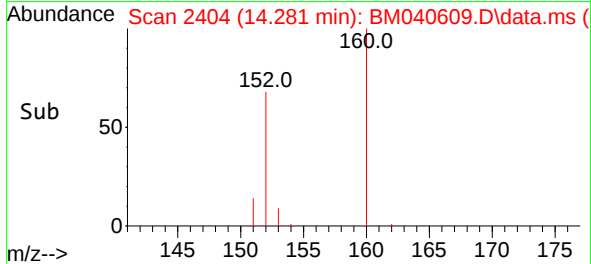
Instrument :
BNA_M
ClientSampleId :
DCGD9DL



Tgt Ion:152 Resp: 1644
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 14.3 10.9 16.3

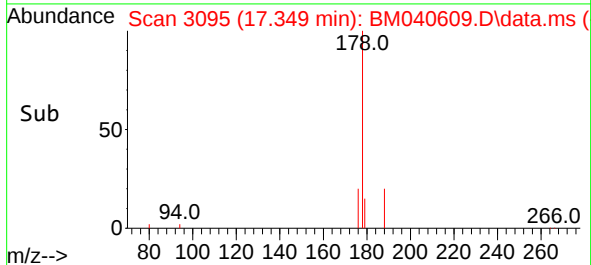
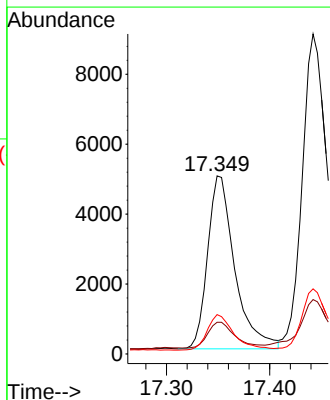
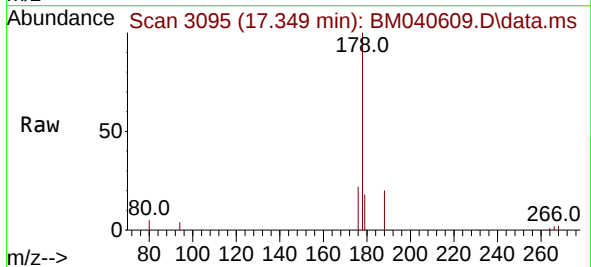
Manual Integrations
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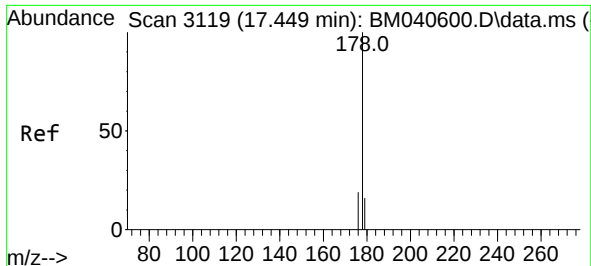
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.129 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

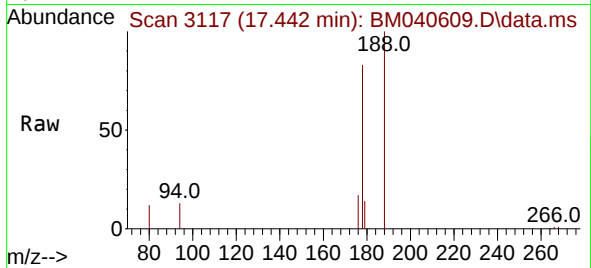
Tgt Ion:178 Resp: 9062
Ion Ratio Lower Upper
178 100
179 17.8 12.8 19.2
176 22.1 16.4 24.6





#16
 Anthracene
 Concen: 0.295 ng/ul
 RT: 17.442 min Scan# 3117
 Delta R.T. -0.013 min
 Lab File: BM040609.D
 Acq: 04 Jul 2023 12:49

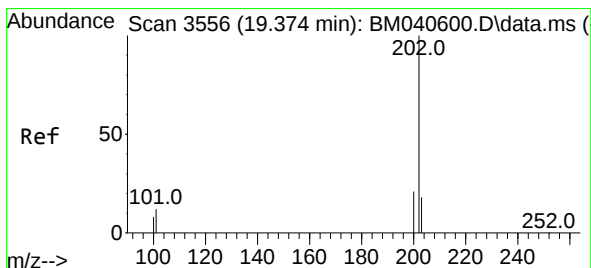
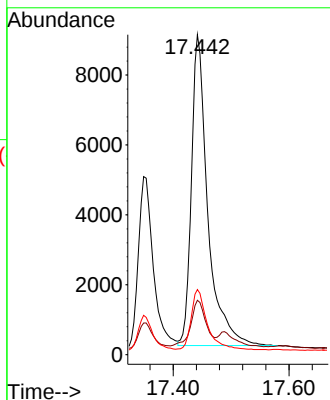
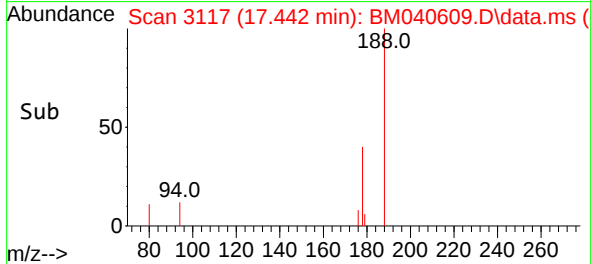
Instrument :
 BNA_M
 ClientSampleId :
 DCGD9DL



Tgt Ion:178 Resp: 17448
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.9 19.3
 176 20.3 15.8 23.6

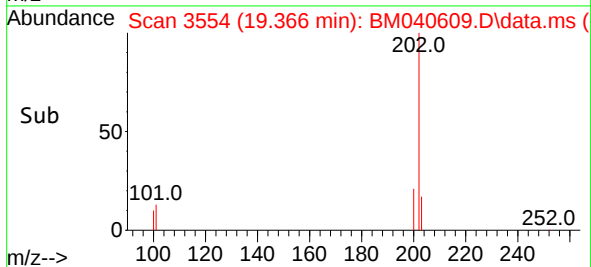
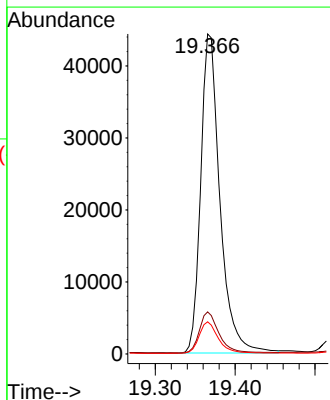
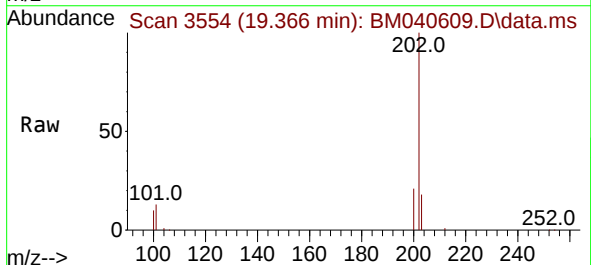
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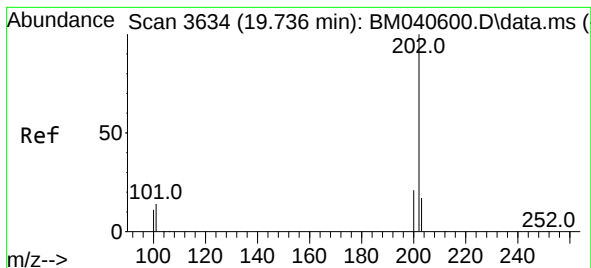
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 1.331 ng/ul
 RT: 19.366 min Scan# 3554
 Delta R.T. -0.014 min
 Lab File: BM040609.D
 Acq: 04 Jul 2023 12:49

Tgt Ion:202 Resp: 74228
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.4 17.0
 100 10.0 8.7 13.1





#20

Pyrene

Concen: 1.434 ng/ul

RT: 19.728 min Scan# 30

Delta R.T. -0.014 min

Lab File: BM040609.D

Acq: 04 Jul 2023 12:49

Instrument :

BNA_M

ClientSampleId :

DCGD9DL

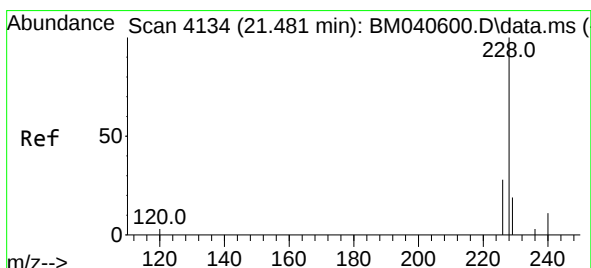
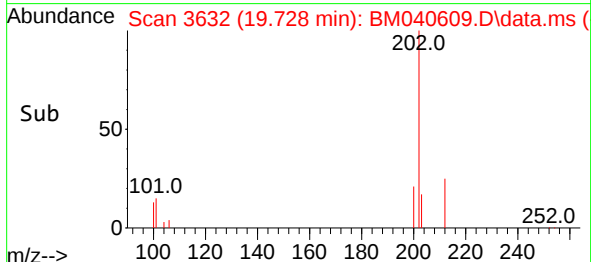
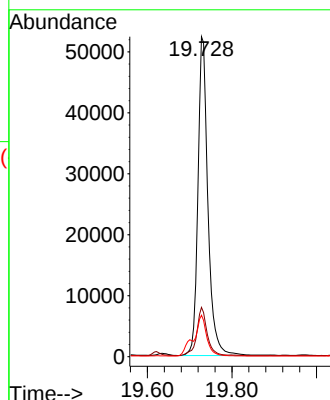
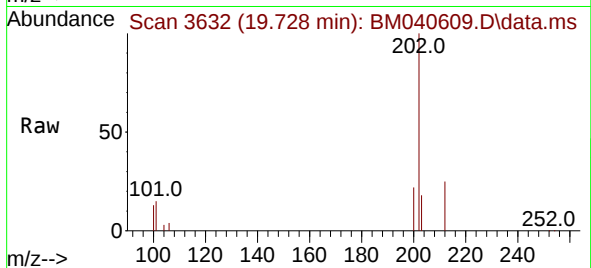
Tgt Ion:	202	Resp:	8573
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.6	18.8
100	13.0	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 1.158 ng/ul

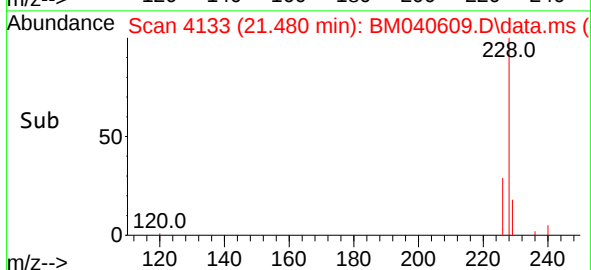
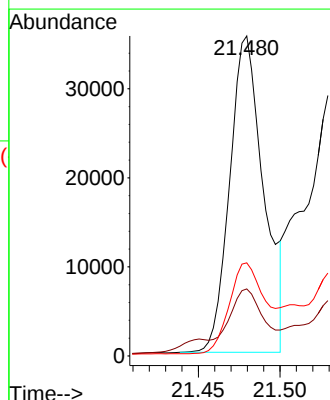
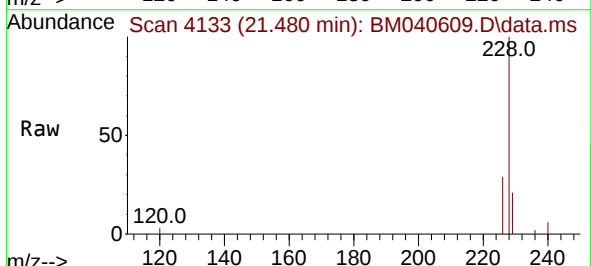
RT: 21.480 min Scan# 4133

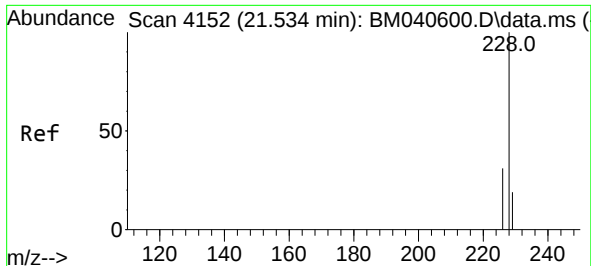
Delta R.T. -0.009 min

Lab File: BM040609.D

Acq: 04 Jul 2023 12:49

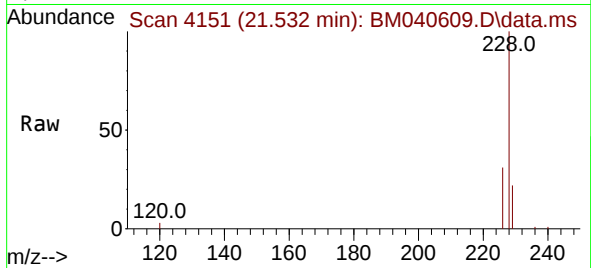
Tgt Ion:	228	Resp:	51429
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.0	24.0
226	29.1	22.3	33.5





#22
Chrysene
Concen: 1.173 ng/ul m
RT: 21.532 min Scan# 4152
Delta R.T. -0.009 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

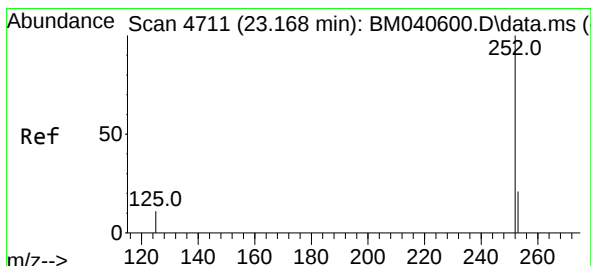
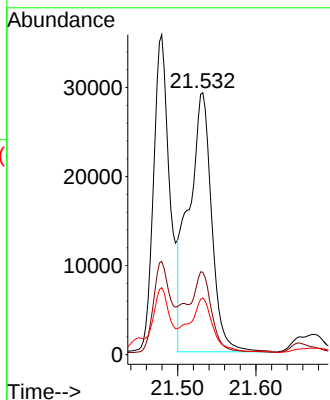
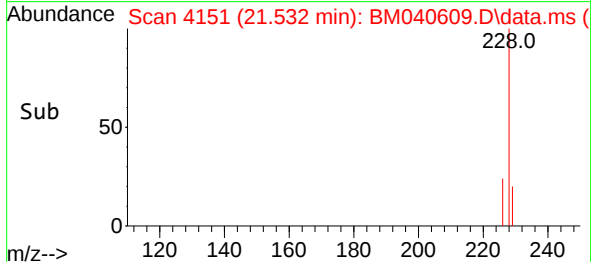
Instrument :
BNA_M
ClientSampleId :
DCGD9DL



Tgt Ion:228 Resp: 59409
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 21.7 15.8 23.6

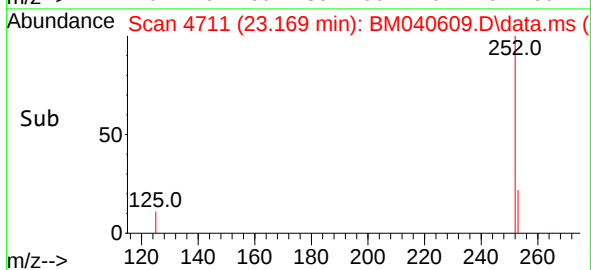
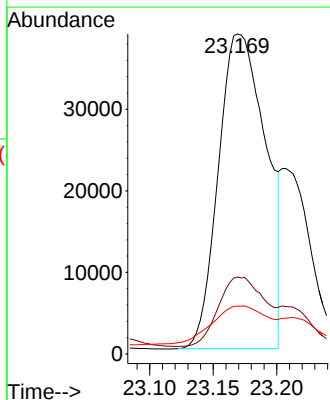
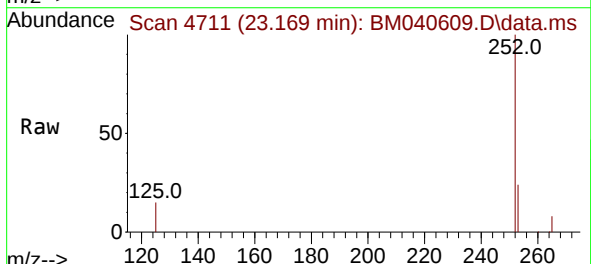
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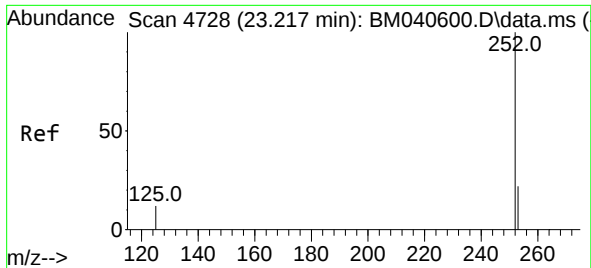
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#24
Benzo(b)fluoranthene
Concen: 2.128 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

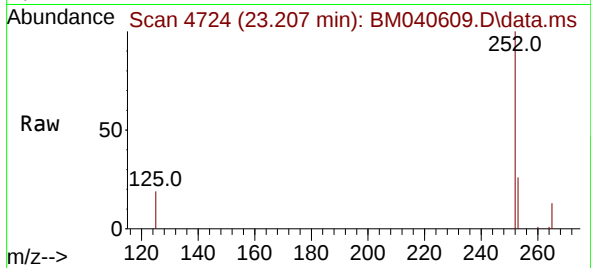
Tgt Ion:252 Resp: 100517
Ion Ratio Lower Upper
252 100
253 24.1 0.0 52.8
125 14.9 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.774 ng/ul m
RT: 23.207 min Scan# 4724
Delta R.T. -0.018 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

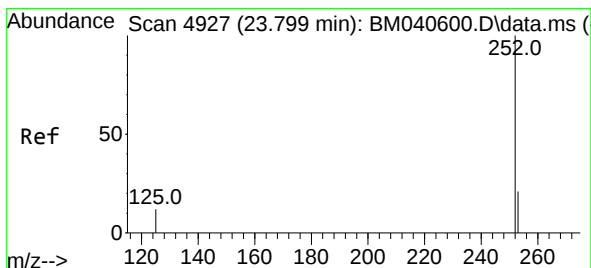
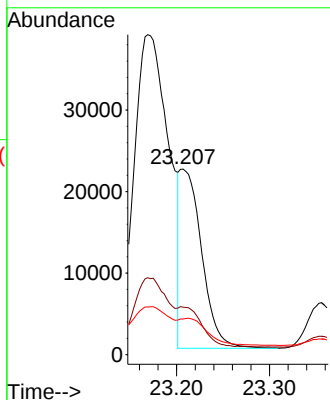
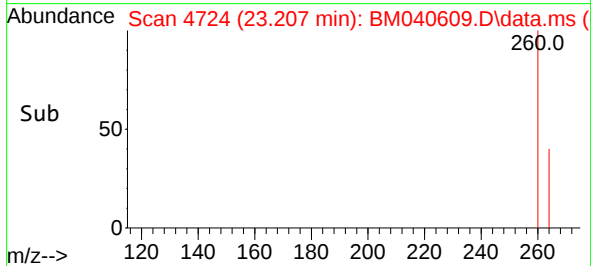
Instrument :
BNA_M
ClientSampleId :
DCGD9DL



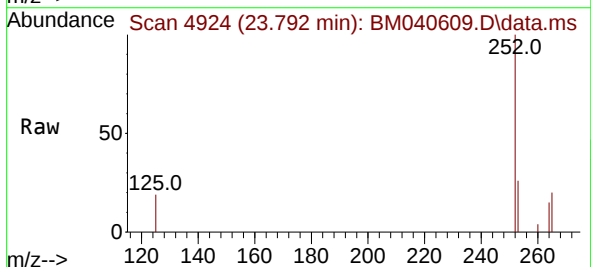
Tgt Ion:252 Resp: 3605
Ion Ratio Lower Upper
252 100
253 25.6 21.2 31.8
125 19.2 16.4 24.6

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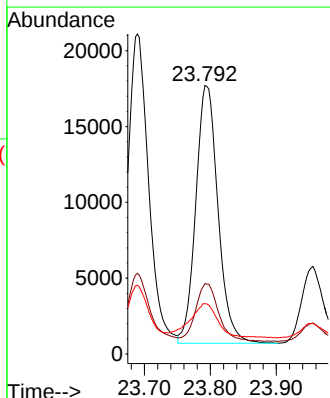
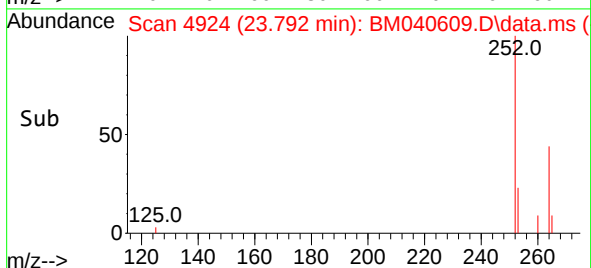
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

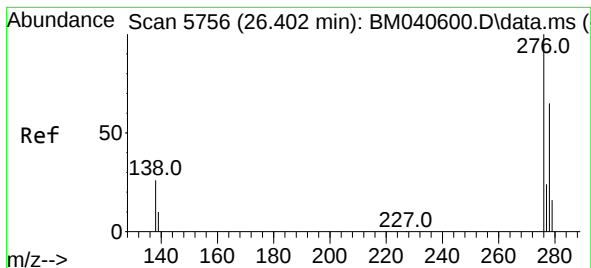


#26
Benzo(a)pyrene
Concen: 0.937 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49



Tgt Ion:252 Resp: 39881
Ion Ratio Lower Upper
252 100
253 26.2 22.9 34.3
125 18.7 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.628 ng/ul

RT: 26.397 min Scan# 5754

Delta R.T. -0.020 min

Lab File: BM040609.D

Acq: 04 Jul 2023 12:49

Instrument :

BNA_M

ClientSampleId :

DCGD9DL

Tgt Ion:276 Resp: 3721

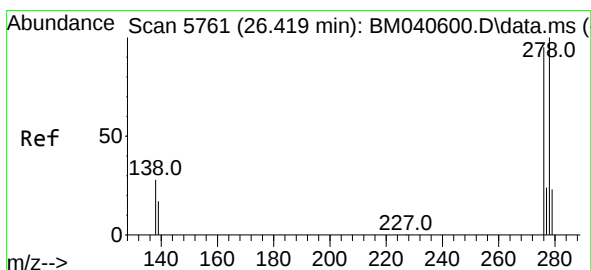
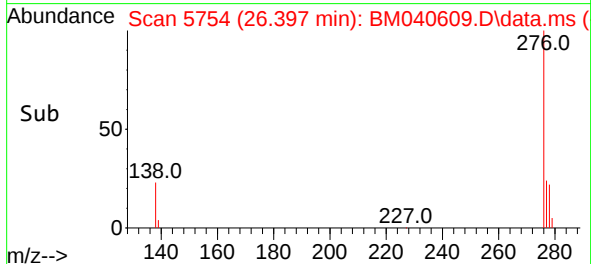
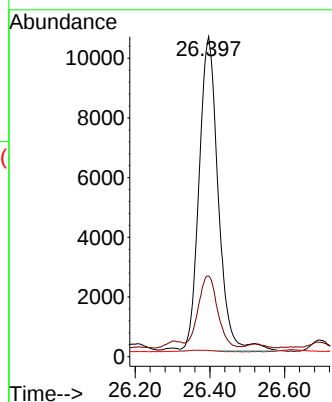
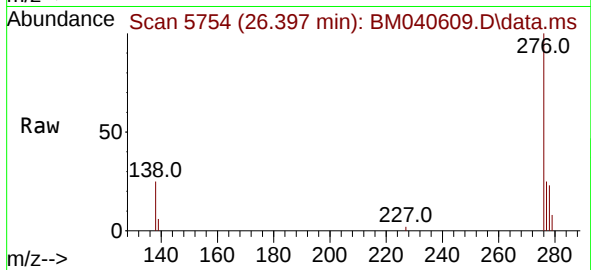
Ion	Ratio	Lower	Upper
276	100		
138	23.3	24.5	36.7
227	0.0	0.1	0.1

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.196 ng/ul

RT: 26.400 min Scan# 5755

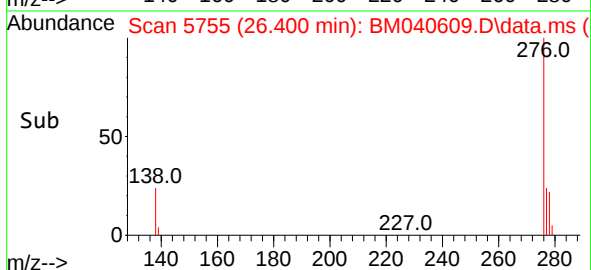
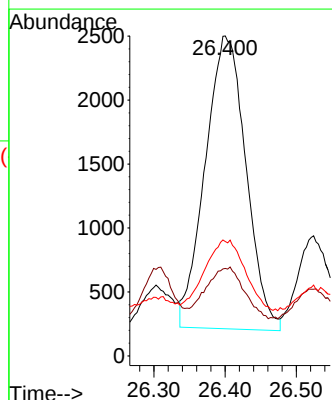
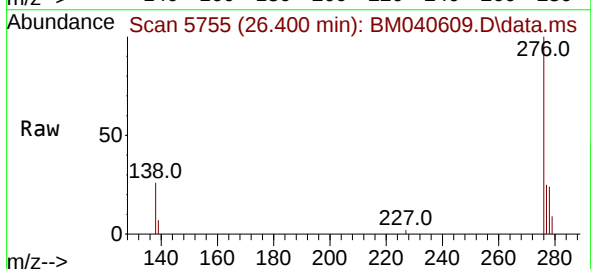
Delta R.T. -0.030 min

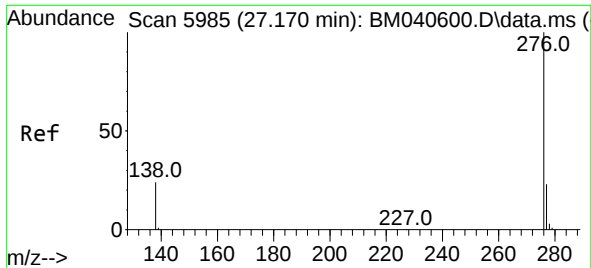
Lab File: BM040609.D

Acq: 04 Jul 2023 12:49

Tgt Ion:278 Resp: 9111

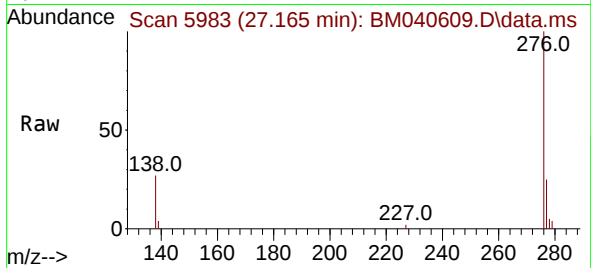
Ion	Ratio	Lower	Upper
278	100		
139	27.3	17.9	26.9
279	35.7	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.598 ng/ul
RT: 27.165 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040609.D
Acq: 04 Jul 2023 12:49

Instrument :
BNA_M
ClientSampleId :
DCGD9DL



Tgt Ion:276 Resp: 31045
Ion Ratio Lower Upper
276 100
138 26.9 23.0 34.6
277 25.2 20.3 30.5

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