

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040603.D
 Acq On : 04 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03242-02DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 01:17:04 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	6919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	25848	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	12117	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	22620	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	13671	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12919	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	1981	0.182	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	449	0.012	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	645	0.015	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.281	152	1196	0.022	ng/ul#	68
15) Phenanthrene	17.353	178	8551	0.122	ng/ul	96
16) Anthracene	17.446	178	2278	0.039	ng/ul#	81
19) Fluoranthene	19.370	202	29905	0.515	ng/ul	97
20) Pyrene	19.733	202	26958	0.433	ng/ul	99
21) Benzo(a)anthracene	21.480	228	15356	0.332	ng/ul	96
22) Chrysene	21.532	228	13283	0.252	ng/ul	96
24) Benzo(b)fluoranthene	23.169	252	22869	0.457	ng/ul	93
25) Benzo(k)fluoranthene	23.207	252	6262m	0.127	ng/ul	
26) Benzo(a)pyrene	23.795	252	12448	0.276	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.394	276	10661	0.170	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	2439	0.050	ng/ul#	46
29) Benzo(g,h,i)perylene	27.165	276	10002	0.182	ng/ul	95

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

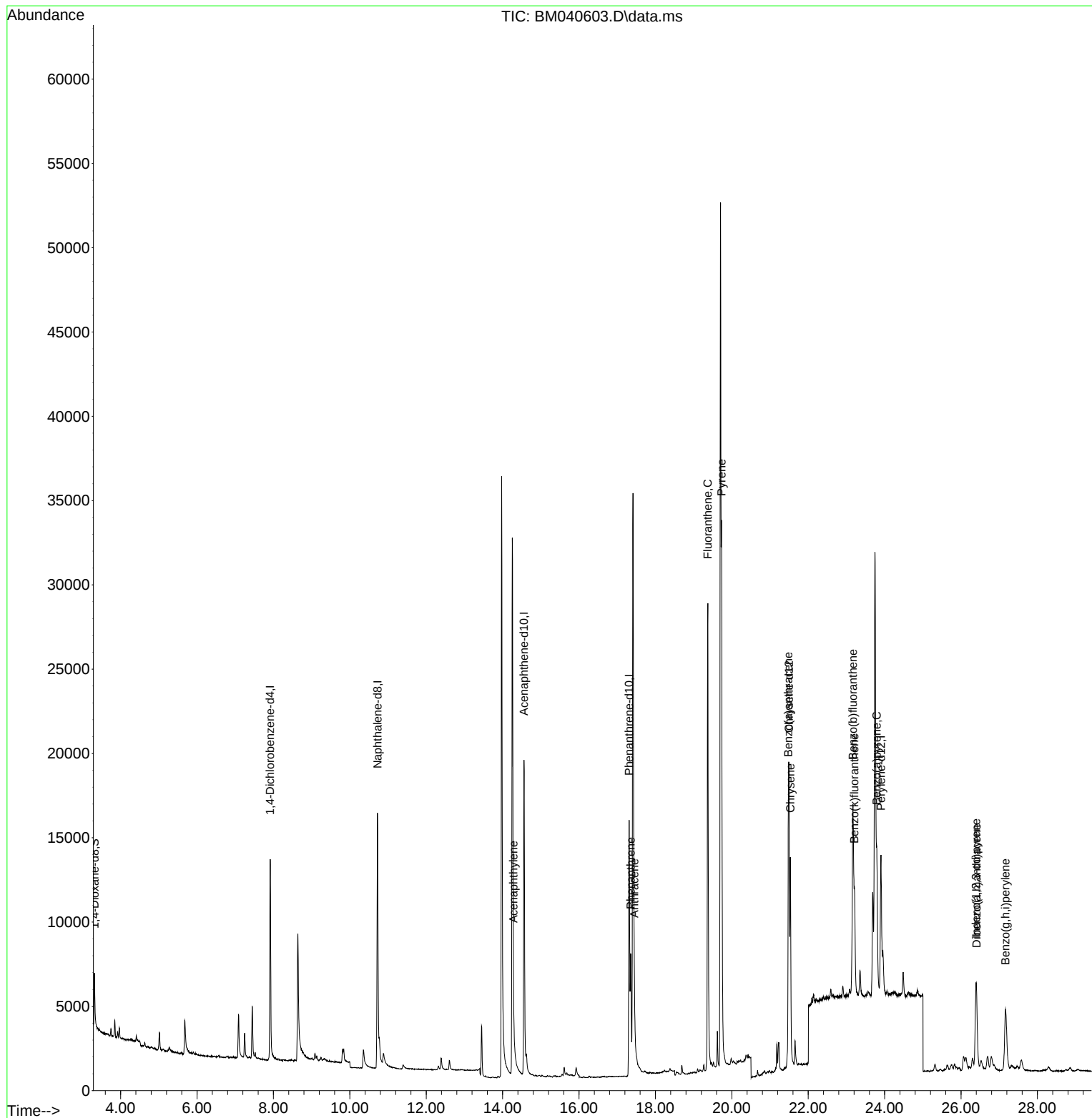
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040603.D
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ALS Vial : 49 Sample Multiplier: 1

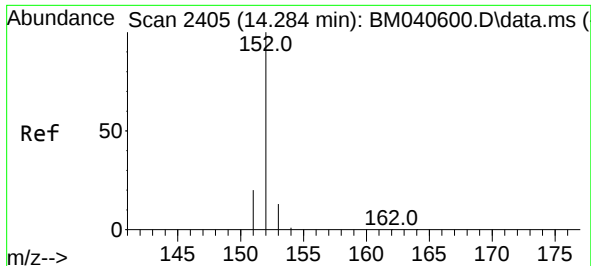
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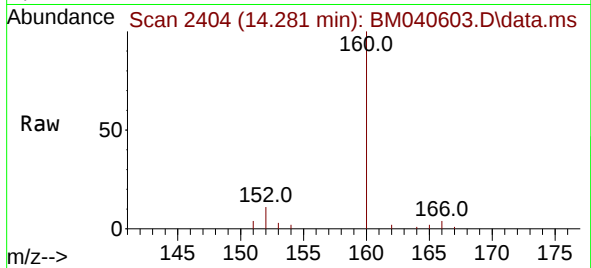
Quant Time: Jul 05 01:17:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
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#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.281 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

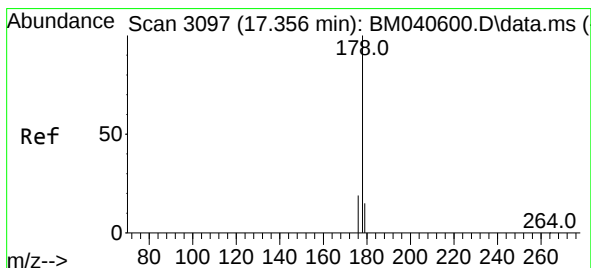
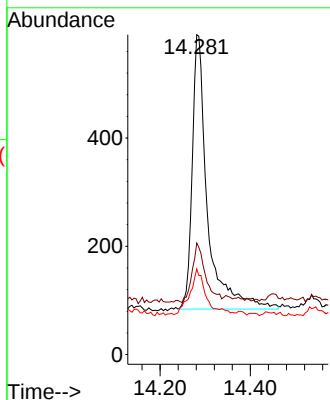
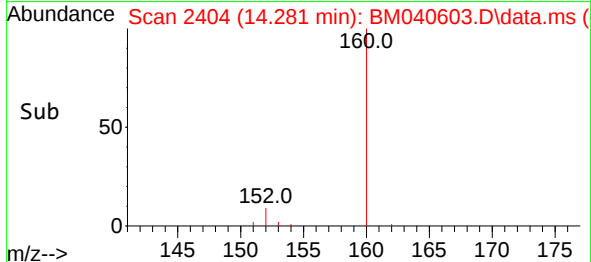
Instrument :
BNA_M
ClientSampleId :
DCFZ9DL



Tgt Ion:152 Resp: 1190
Ion Ratio Lower Upper
152 100
151 34.9 16.2 24.2
153 26.7 10.9 16.3

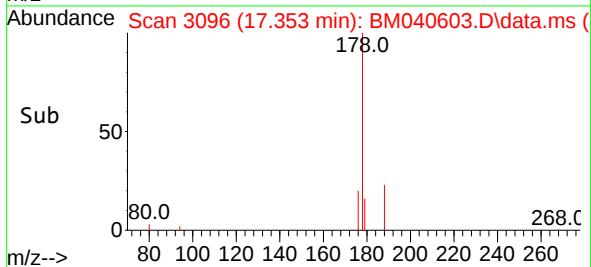
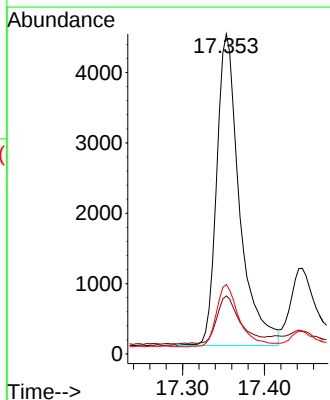
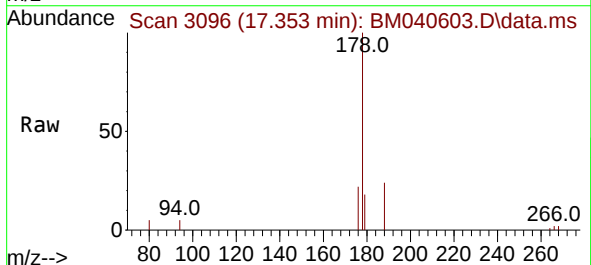
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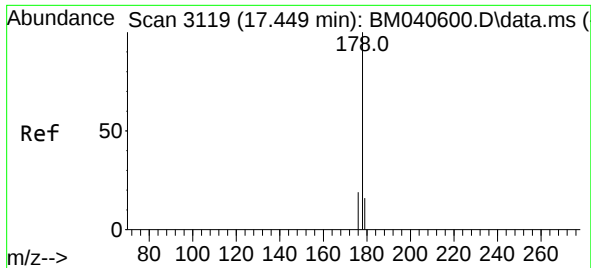
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.122 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.008 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

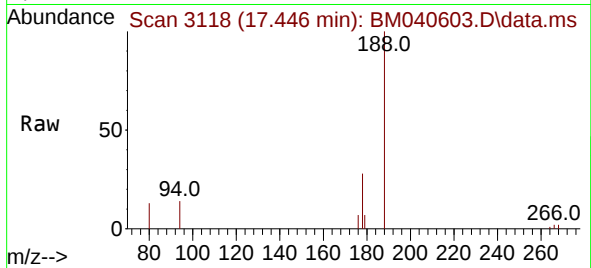
Tgt Ion:178 Resp: 8551
Ion Ratio Lower Upper
178 100
179 18.2 12.8 19.2
176 21.7 16.4 24.6





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.446 min Scan# 3118
 Delta R.T. -0.008 min
 Lab File: BM040603.D
 Acq: 04 Jul 2023 09:06

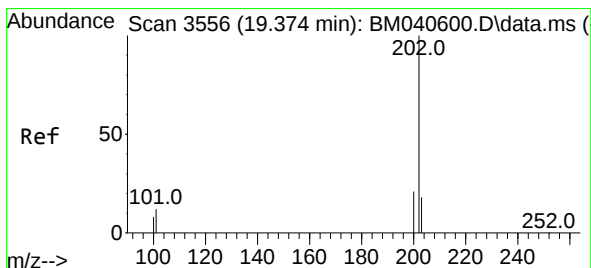
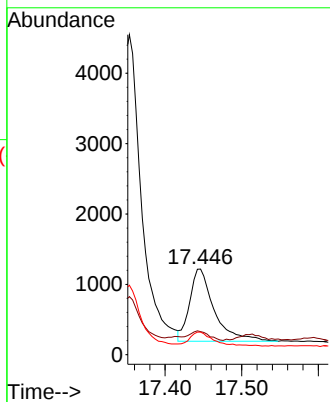
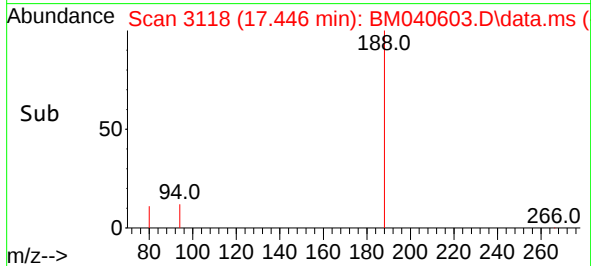
Instrument :
 BNA_M
 ClientSampleId :
 DCFZ9DL



Tgt Ion:178 Resp: 2278
 Ion Ratio Lower Upper
 178 100
 179 26.9 12.9 19.3
 176 26.4 15.8 23.6

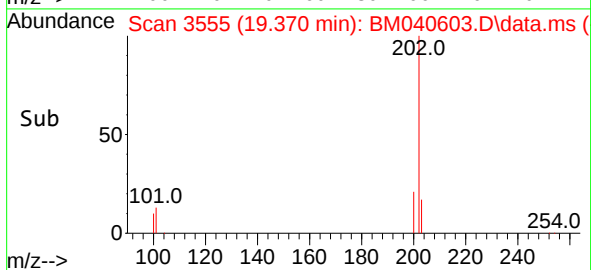
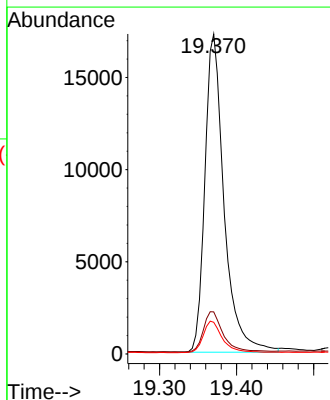
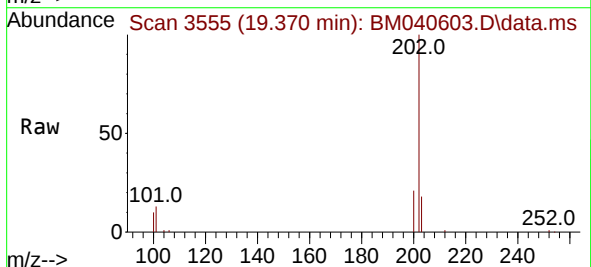
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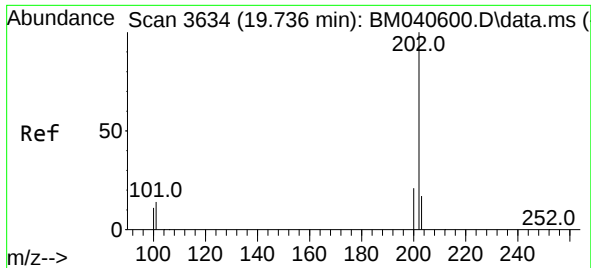
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 0.515 ng/ul
 RT: 19.370 min Scan# 3555
 Delta R.T. -0.009 min
 Lab File: BM040603.D
 Acq: 04 Jul 2023 09:06

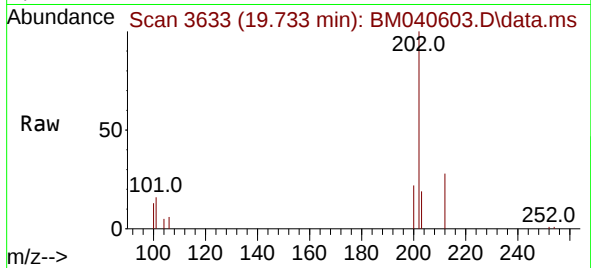
Tgt Ion:202 Resp: 29905
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.4 17.0
 100 9.9 8.7 13.1





#20
Pyrene
Concen: 0.433 ng/u1
RT: 19.733 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

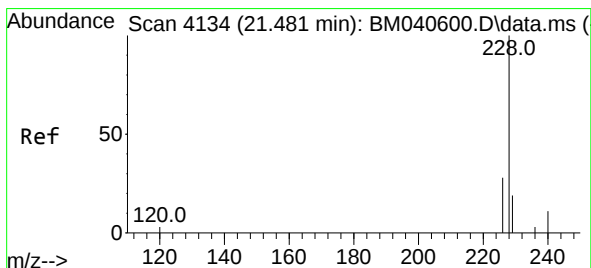
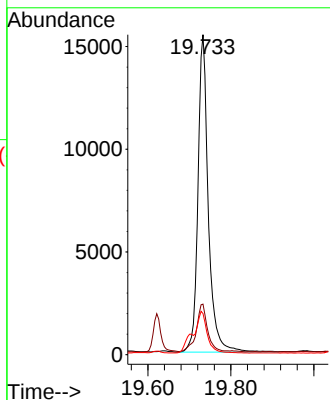
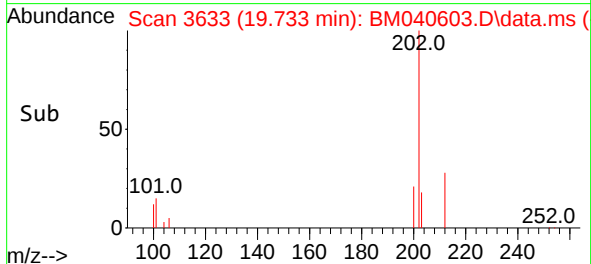
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 2695
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 12.9 9.8 14.6

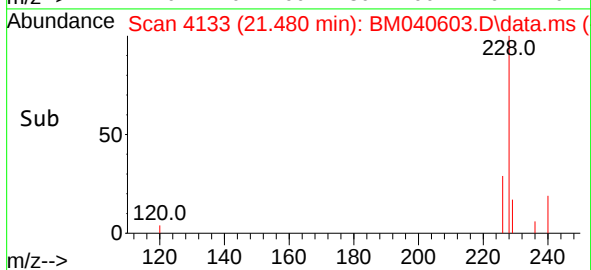
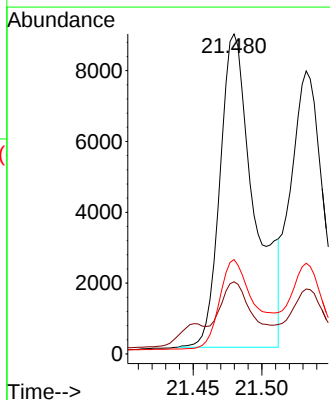
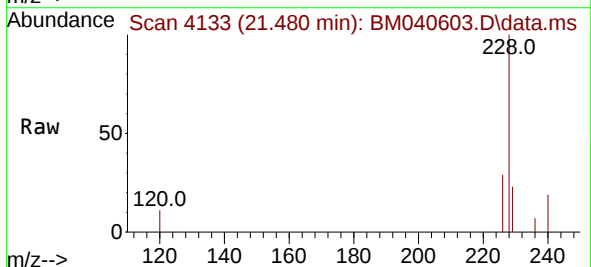
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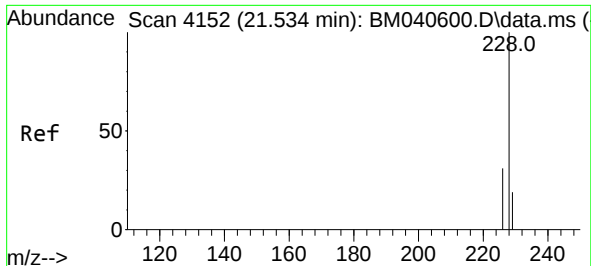
Reviewed By :Yogesh Patel 07/05/2023
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#21
Benzo(a)anthracene
Concen: 0.332 ng/u1
RT: 21.480 min Scan# 4133
Delta R.T. -0.009 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

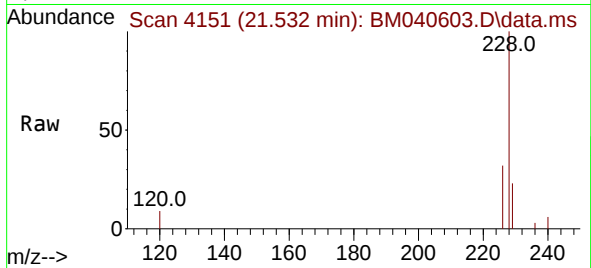
Tgt Ion:228 Resp: 15356
Ion Ratio Lower Upper
228 100
229 22.6 16.0 24.0
226 29.5 22.3 33.5





#22
Chrysene
Concen: 0.252 ng/ul
RT: 21.532 min Scan# 4152
Delta R.T. -0.009 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

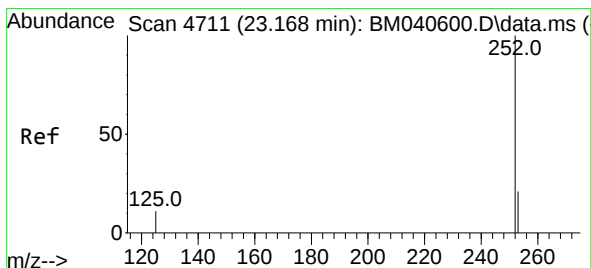
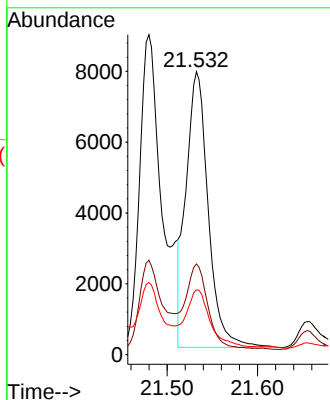
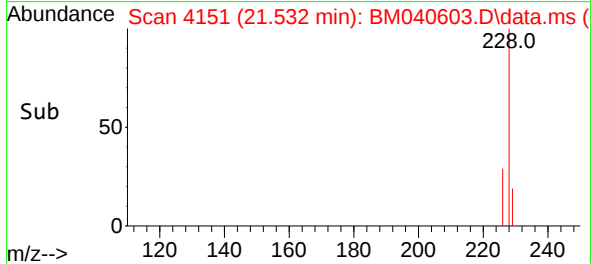
Instrument :
BNA_M
ClientSampleId :
DCFZ9DL



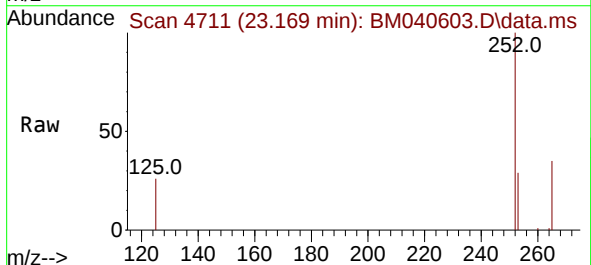
Tgt Ion:228 Resp: 1328
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 23.0 15.8 23.6

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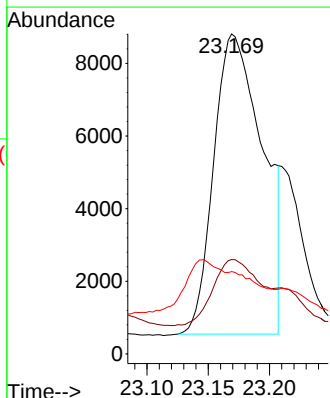
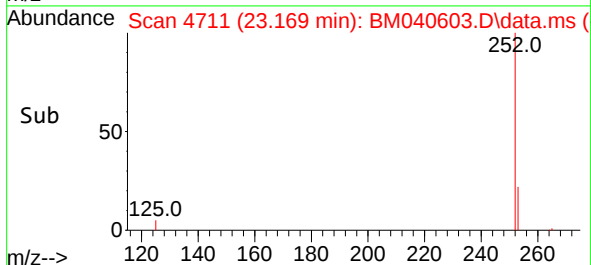
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

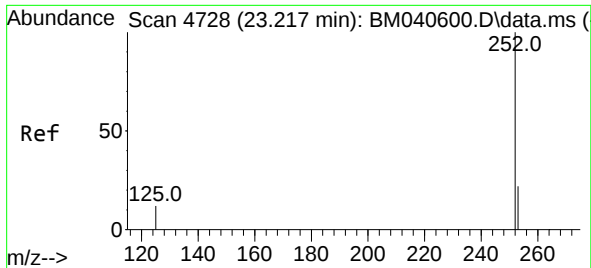


#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06



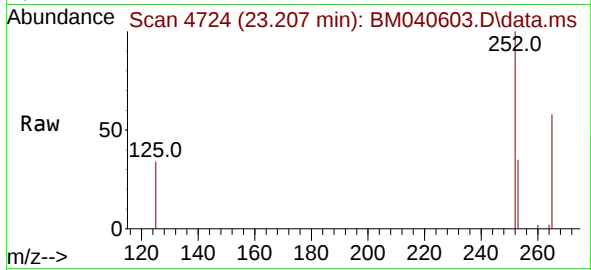
Tgt Ion:252 Resp: 22869
Ion Ratio Lower Upper
252 100
253 29.5 0.0 52.8
125 25.8 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 23.207 min Scan# 4724
Delta R.T. -0.018 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

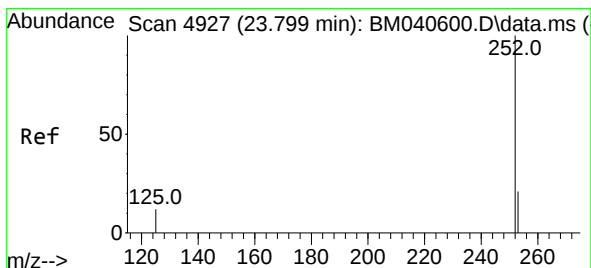
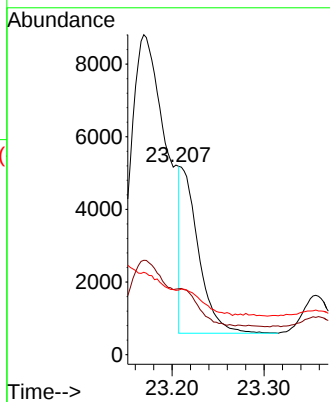
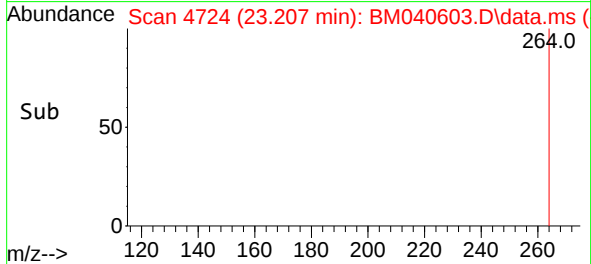
Instrument :
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ClientSampleId :
DCFZ9DL



Tgt Ion:252 Resp: 6262
Ion Ratio Lower Upper
252 100
253 35.1 21.2 31.8
125 34.3 16.4 24.6

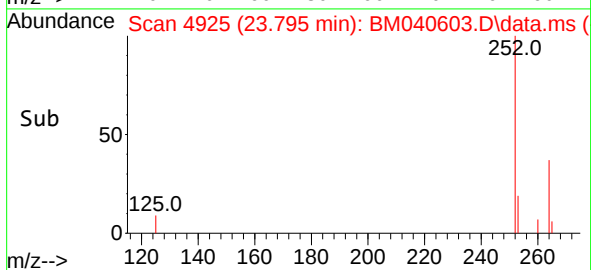
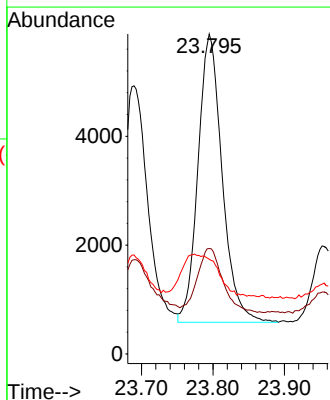
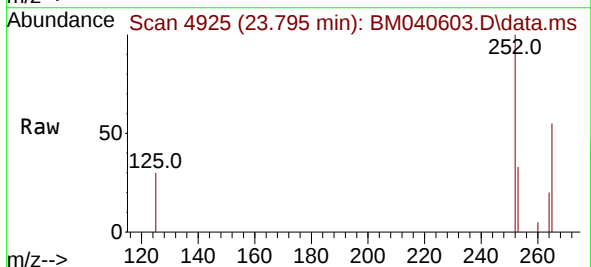
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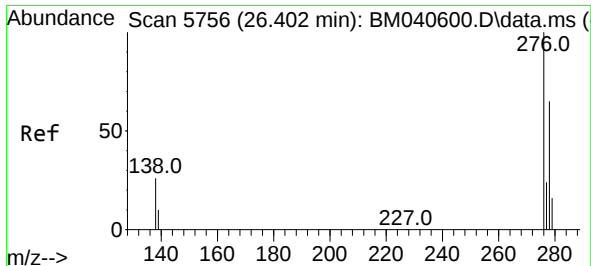
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.276 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

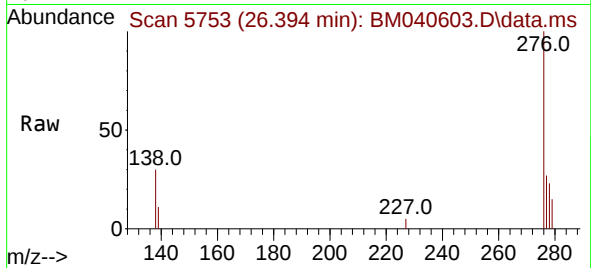
Tgt Ion:252 Resp: 12448
Ion Ratio Lower Upper
252 100
253 33.0 22.9 34.3
125 29.6 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng/ul
RT: 26.394 min Scan# 5756
Delta R.T. -0.024 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

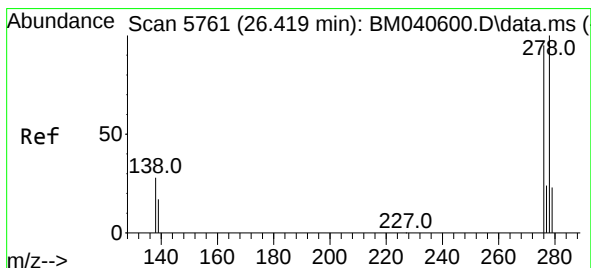
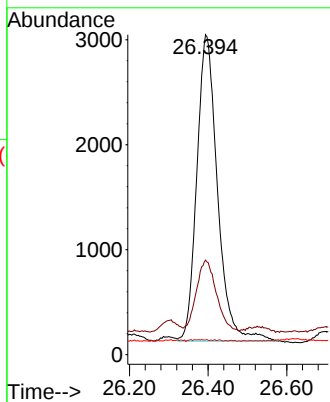
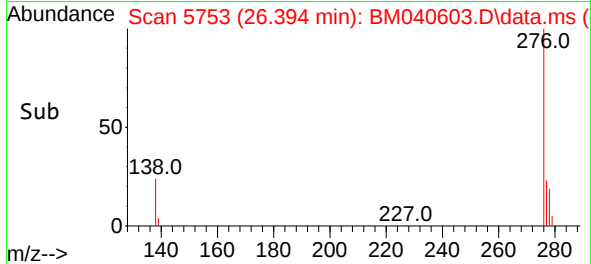
Instrument :
BNA_M
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DCFZ9DL



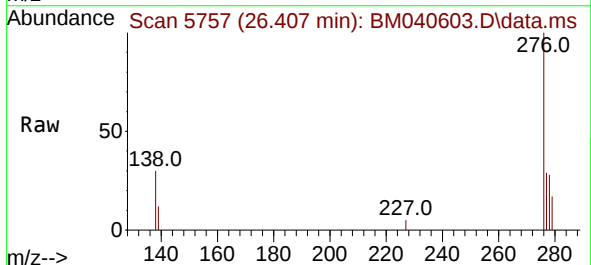
Tgt Ion: 276 Resp: 1066
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7
227 0.2 0.1 0.1

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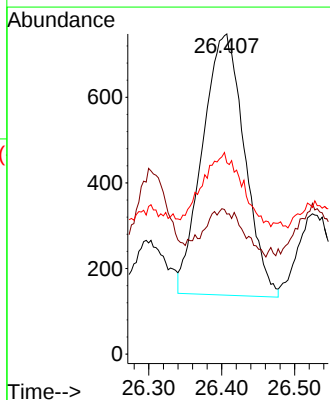
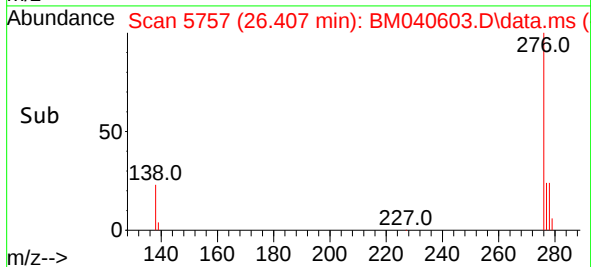
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

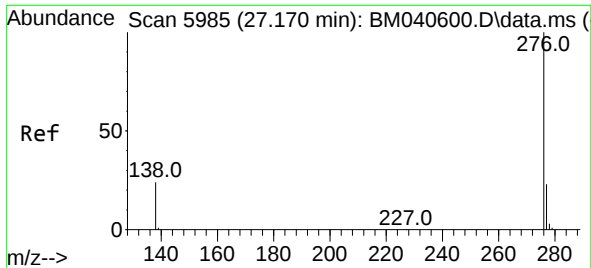


#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.023 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06



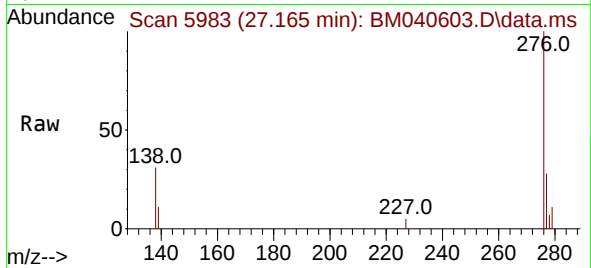
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Ion Ratio Lower Upper
278 100
139 43.7 17.9 26.9#
279 59.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.182 ng/ul
RT: 27.165 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040603.D
Acq: 04 Jul 2023 09:06

Instrument :
BNA_M
ClientSampleId :
DCFZ9DL



Tgt Ion:276 Resp: 1000
Ion Ratio Lower Upper
276 100
138 31.4 23.0 34.6
277 27.7 20.3 30.5

Manual Integrations
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