

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040457.D
 Acq On : 30 Jun 2023 03:16
 Operator : MA/JU
 Sample : 03143-05DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 04:51:05 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	7579	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.750	136	27103	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	12910	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	24236	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13939	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	13023	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	4787	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1099	0.029	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	1626	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.370	178	6952	0.092	ng/ul	95
16) Anthracene	17.463	178	1720	0.027	ng/ul#	77
19) Fluoranthene	19.384	202	14049	0.237	ng/ul	99
20) Pyrene	19.747	202	11780m	0.186	ng/ul	
21) Benzo(a)anthracene	21.491	228	5640	0.120	ng/ul#	92
22) Chrysene	21.547	228	8439	0.157	ng/ul#	94
24) Benzo(b)fluoranthene	23.186	252	11053	0.219	ng/ul#	68
25) Benzo(k)fluoranthene	23.227	252	3669m	0.074	ng/ul	
26) Benzo(a)pyrene	23.812	252	6098	0.134	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.420	276	5698	0.090	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.430	278	1396	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.198	276	5725	0.103	ng/ul#	83

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

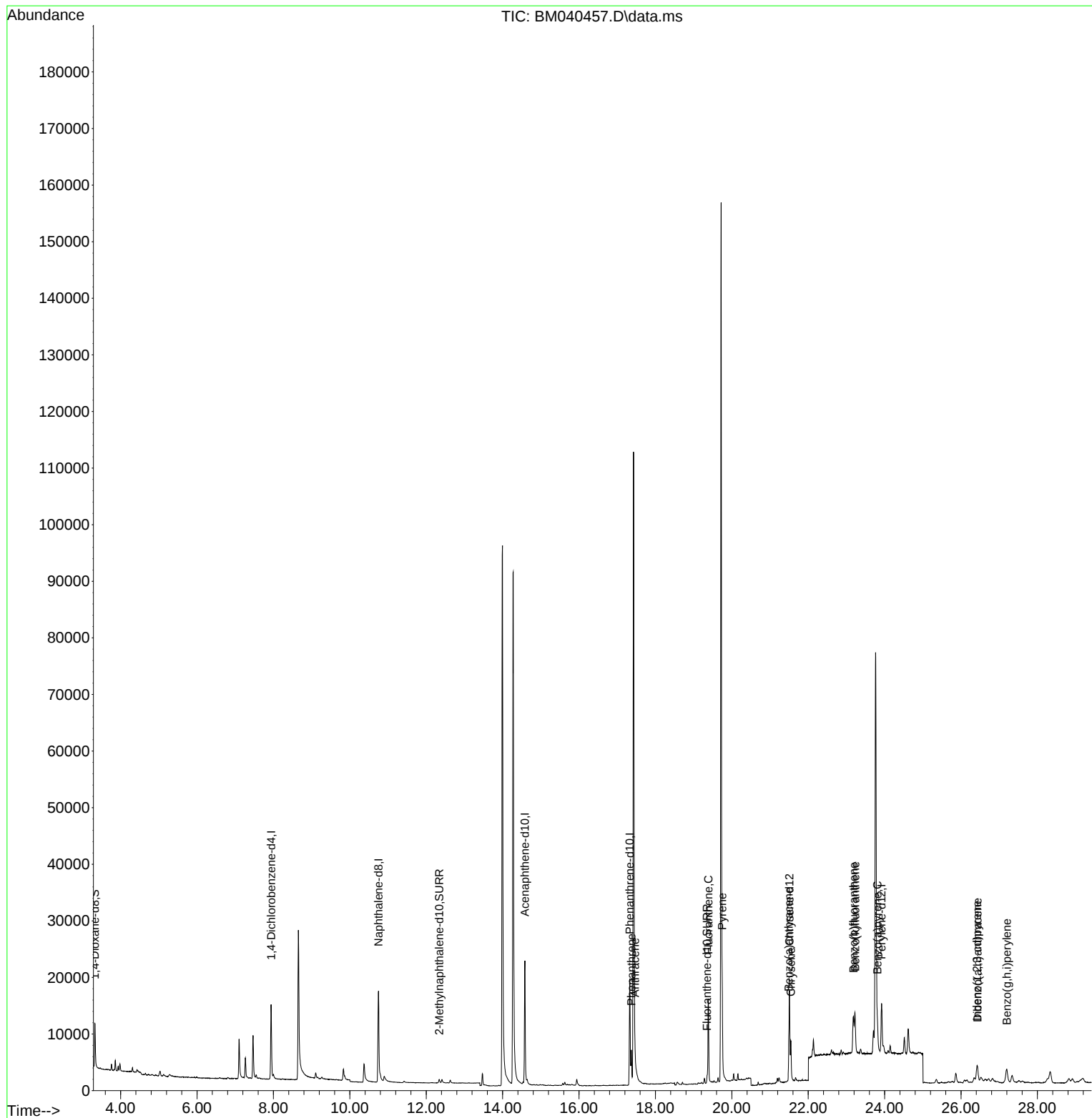
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
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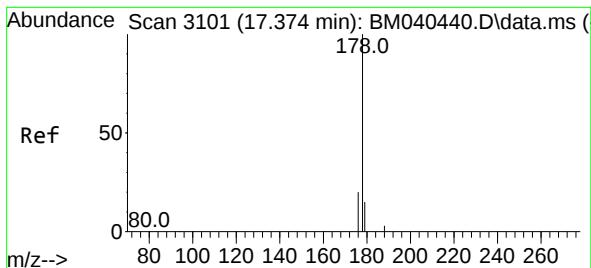
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#15

Phenanthrene

Concen: 0.092 ng/u1

RT: 17.370 min Scan# 3101

Delta R.T. -0.009 min

Lab File: BM040457.D

Acq: 30 Jun 2023 03:16

Instrument :

BNA_M

ClientSampleId :

DCFU4DL

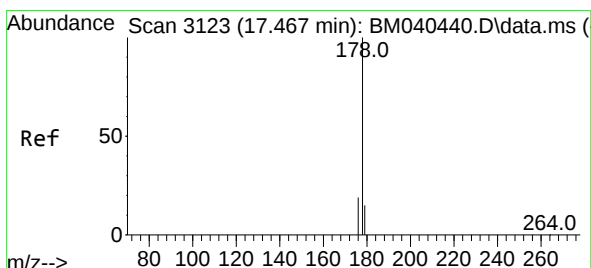
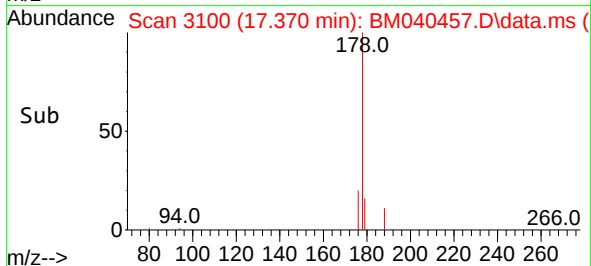
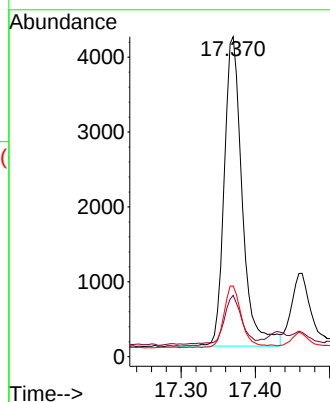
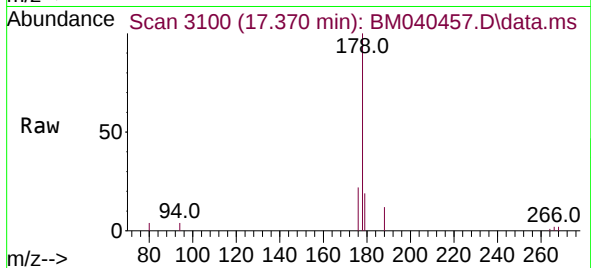
Tgt Ion:178	Resp:	6952
Ion Ratio	Lower	Upper
178	100	
179	19.2	12.8 19.2
176	22.1	16.4 24.6

Manual Integrations

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#16

Anthracene

Concen: 0.027 ng/u1

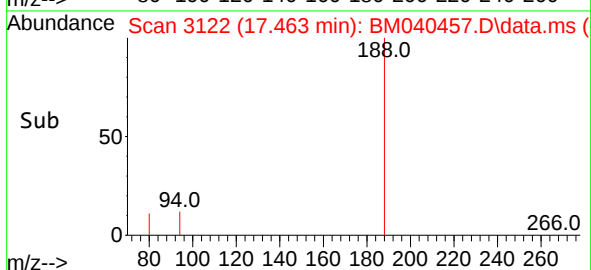
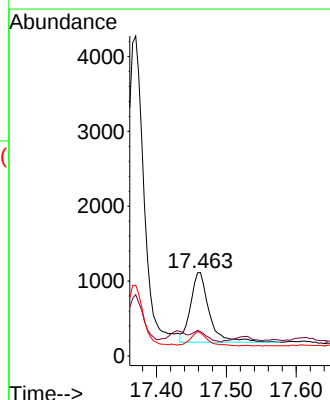
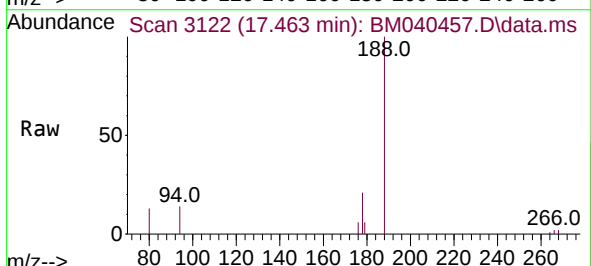
RT: 17.463 min Scan# 3122

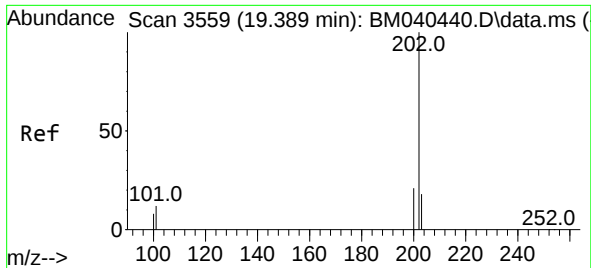
Delta R.T. -0.009 min

Lab File: BM040457.D

Acq: 30 Jun 2023 03:16

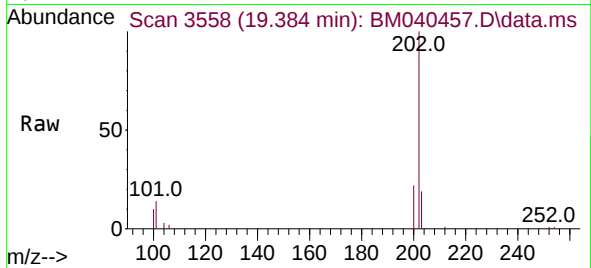
Tgt Ion:178	Resp:	1720
Ion Ratio	Lower	Upper
178	100	
179	29.2	12.9 19.3#
176	27.7	15.8 23.6#





#19
Fluoranthene
Concen: 0.237 ng/ul
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

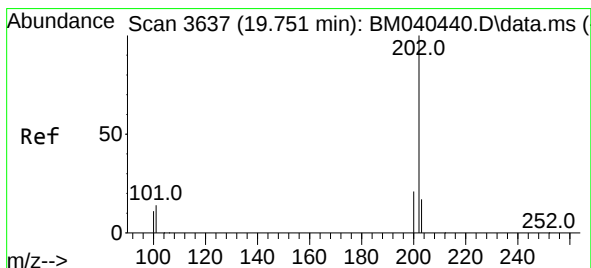
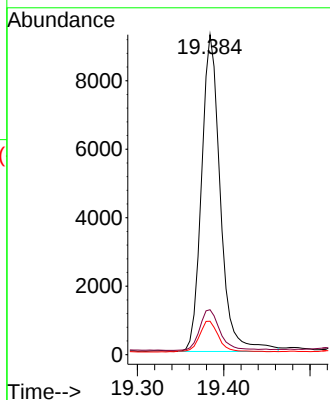
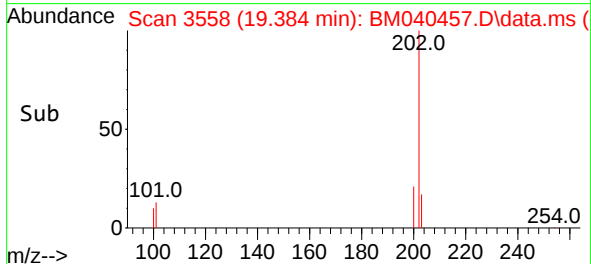
Instrument :
BNA_M
ClientSampleId :
DCFU4DL



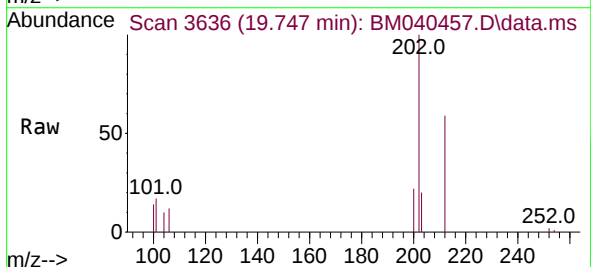
Tgt Ion:202 Resp: 14049
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 10.4 8.7 13.1

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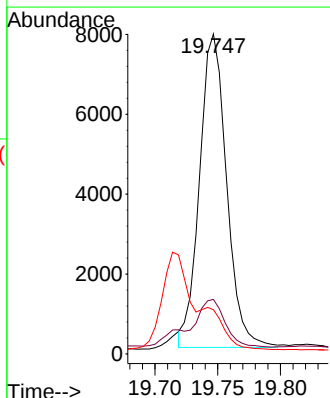
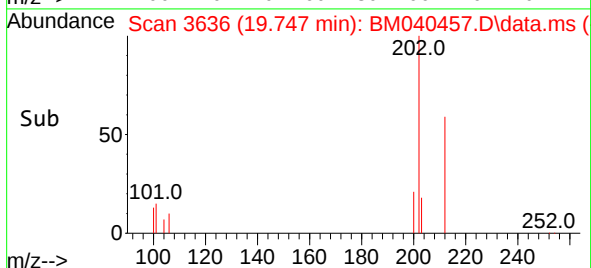
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

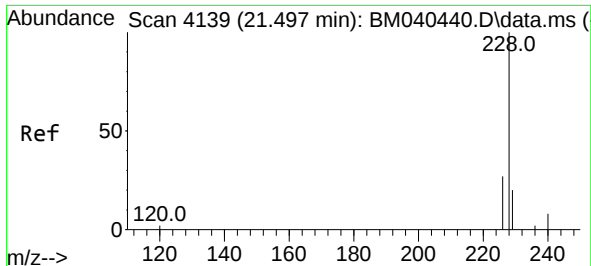


#20
Pyrene
Concen: 0.186 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16



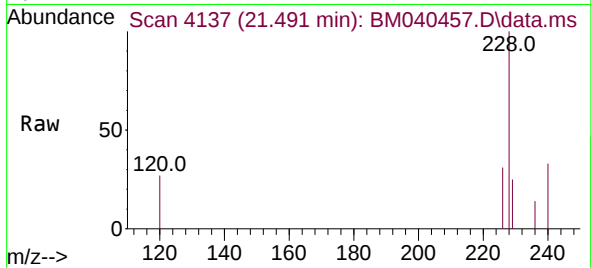
Tgt Ion:202 Resp: 11780
Ion Ratio Lower Upper
202 100
101 17.0 12.6 18.8
100 13.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.120 ng/u1
RT: 21.491 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

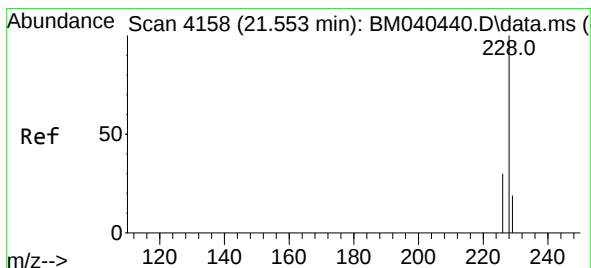
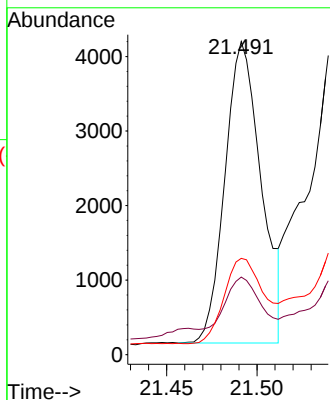
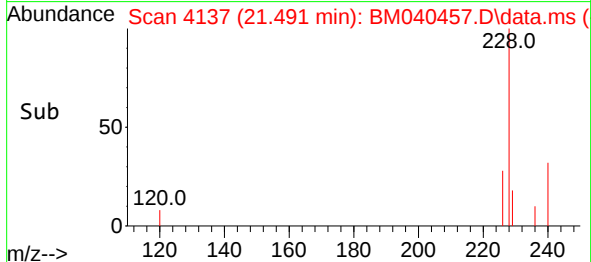
Instrument :
BNA_M
ClientSampleId :
DCFU4DL



Tgt Ion:228 Resp: 5640
Ion Ratio Lower Upper
228 100
229 24.8 16.0 24.0
226 30.8 22.3 33.5

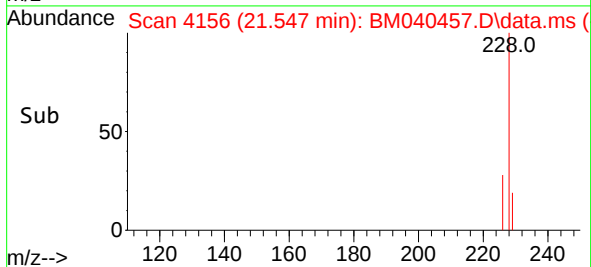
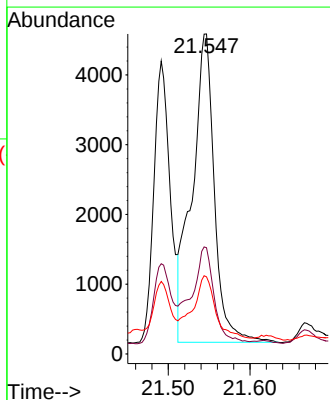
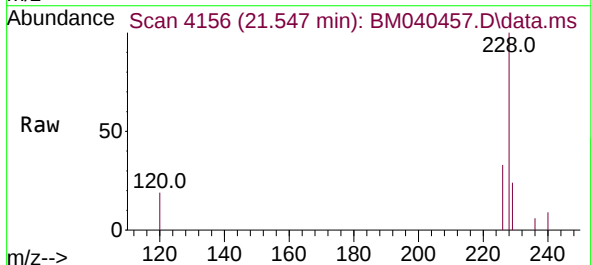
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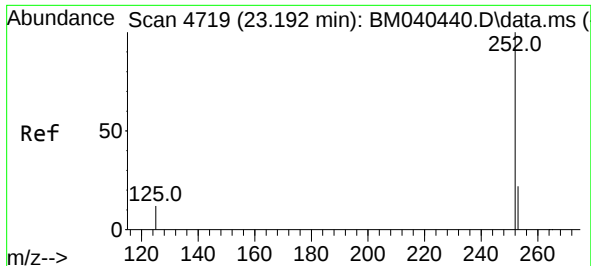
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 0.157 ng/u1
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

Tgt Ion:228 Resp: 8439
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 24.1 15.8 23.6#





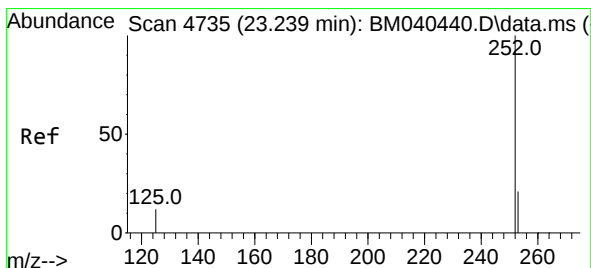
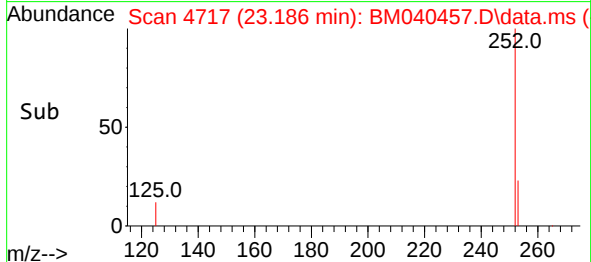
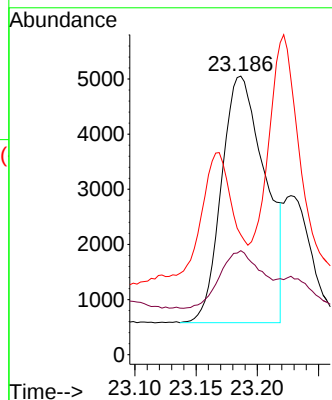
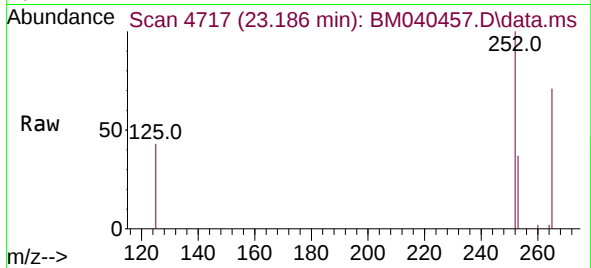
#24
Benzo(b)fluoranthene
Concen: 0.219 ng/ul
RT: 23.186 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

Instrument :
BNA_M
ClientSampleId :
DCFU4DL

Tgt Ion:252 Resp: 1105
Ion Ratio Lower Upper
252 100
253 37.4 0.0 52.8
125 43.0 0.0 43.0

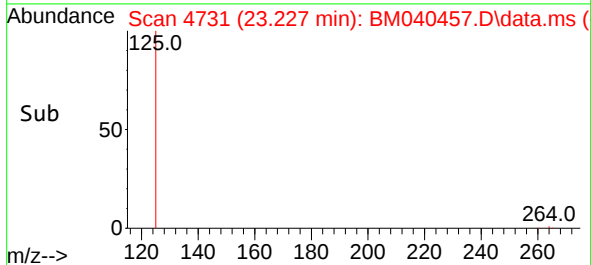
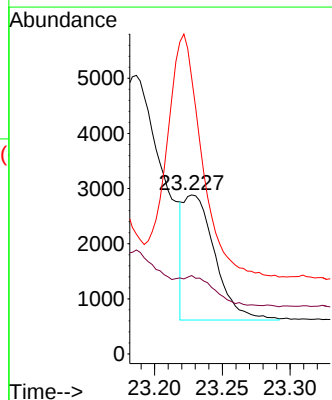
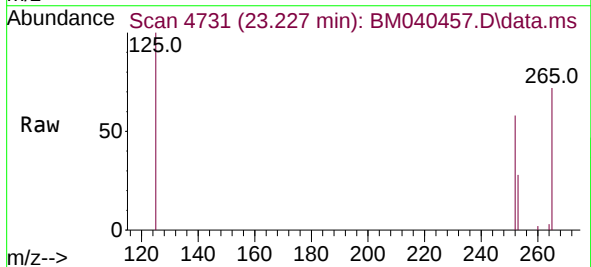
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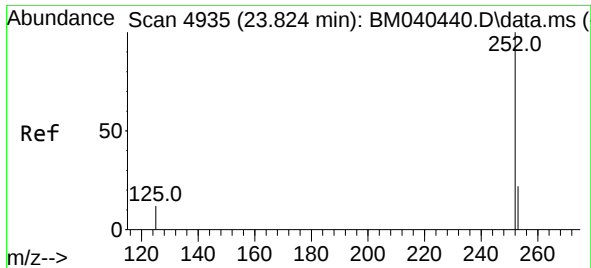
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 23.227 min Scan# 4731
Delta R.T. -0.015 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

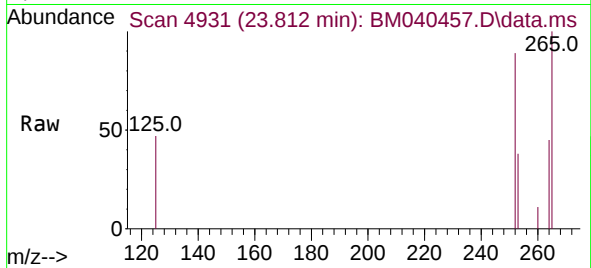
Tgt Ion:252 Resp: 3669
Ion Ratio Lower Upper
252 100
253 49.3 21.2 31.8#
125 173.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.134 ng/ul
RT: 23.812 min Scan# 4935
Delta R.T. -0.012 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

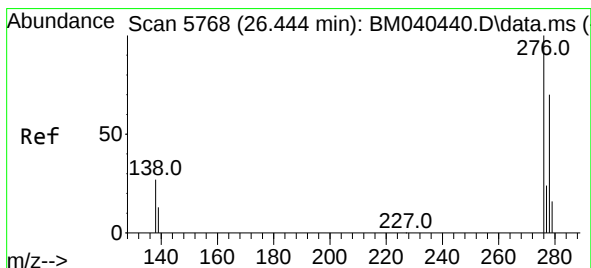
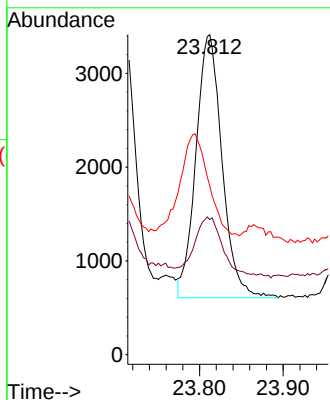
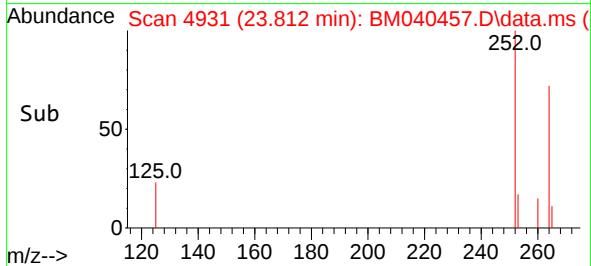
Instrument :
BNA_M
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DCFU4DL



Tgt Ion:252 Resp: 6098
Ion Ratio Lower Upper
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253 42.3 22.9 34.3#
125 52.9 21.0 31.4#

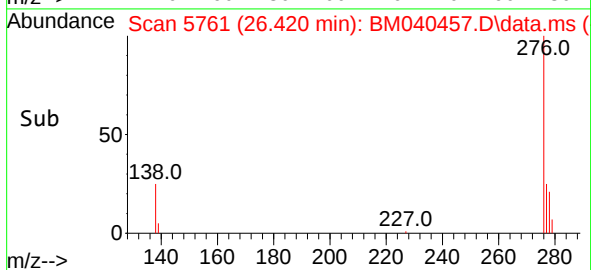
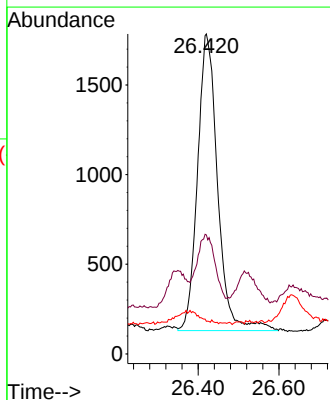
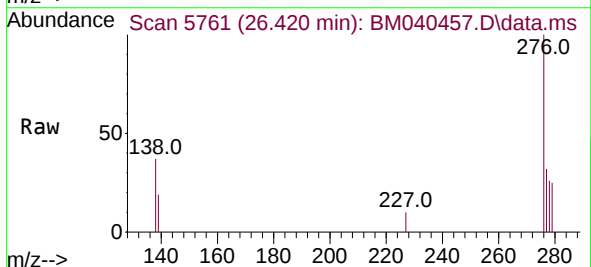
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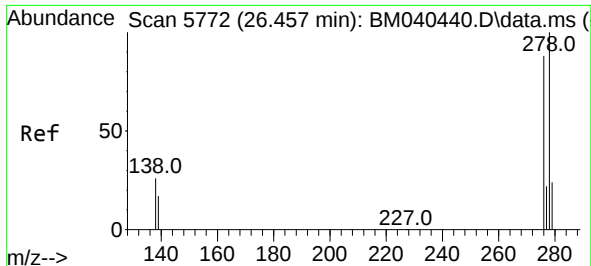
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. -0.014 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

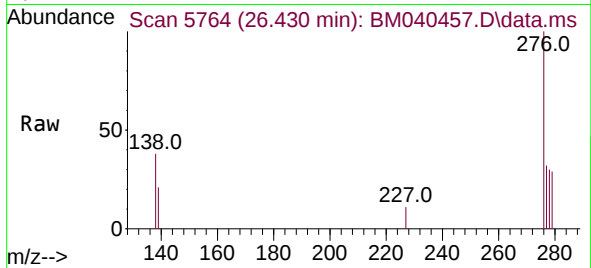
Tgt Ion:276 Resp: 5698
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

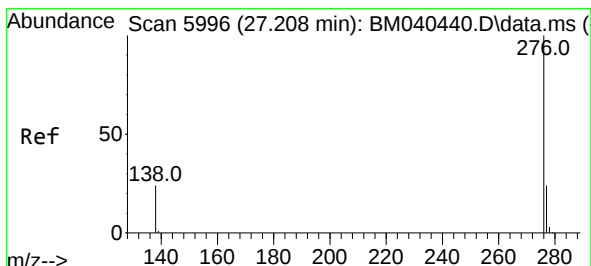
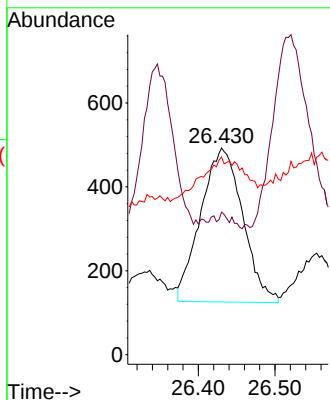
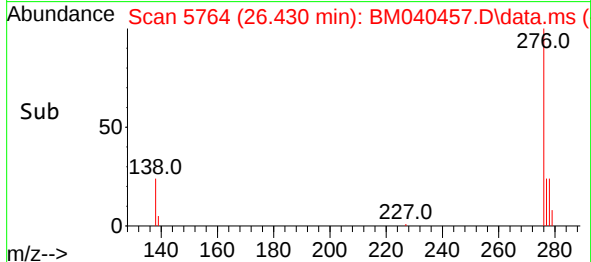
Instrument :
BNA_M
ClientSampleId :
DCFU4DL



Tgt Ion:278 Resp: 1390
Ion Ratio Lower Upper
278 100
139 69.0 17.9 26.9#
279 95.5 22.0 33.0#

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Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.103 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. -0.007 min
Lab File: BM040457.D
Acq: 30 Jun 2023 03:16

Tgt Ion:276 Resp: 5725
Ion Ratio Lower Upper
276 100
138 40.8 23.0 34.6#
277 31.2 20.3 30.5#

