

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046268.D
 Acq On : 25 Jun 2024 00:12
 Operator : MA/JU
 Sample : P2776-05DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B93DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 02:28:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2408	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.215	136	7078	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.066	164	4023	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.815	188	7509	0.400	ng/ul	-0.05
17) Chrysene-d12	21.015	240	5969	0.400	ng/ul	-0.03
23) Perylene-d12	23.098	264	6778m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2311	0.700	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	384	0.040	ng/ul	-0.02
18) Fluoranthene-d10	18.848	212	877	0.049	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.788	152	412	0.022	ng/ul#	21
15) Phenanthrene	16.853	178	4842	0.230	ng/ul	99
16) Anthracene	16.946	178	903	0.057	ng/ul#	63
19) Fluoranthene	18.875	202	14255	0.552	ng/ul	97
20) Pyrene	19.233	202	12280	0.439	ng/ul#	97
21) Benzo(a)anthracene	21.003	228	5233	0.227	ng/ul	94
22) Chrysene	21.050	228	5748	0.195	ng/ul	94
24) Benzo(b)fluoranthene	22.487	252	8952m	0.367	ng/ul	
25) Benzo(k)fluoranthene	22.520	252	3642m	0.125	ng/ul	
26) Benzo(a)pyrene	23.005	252	5707	0.252	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.152	276	4701	0.127	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.156	278	974	0.035	ng/ul#	3
29) Benzo(g,h,i)perylene	25.773	276	4824	0.152	ng/ul#	89

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

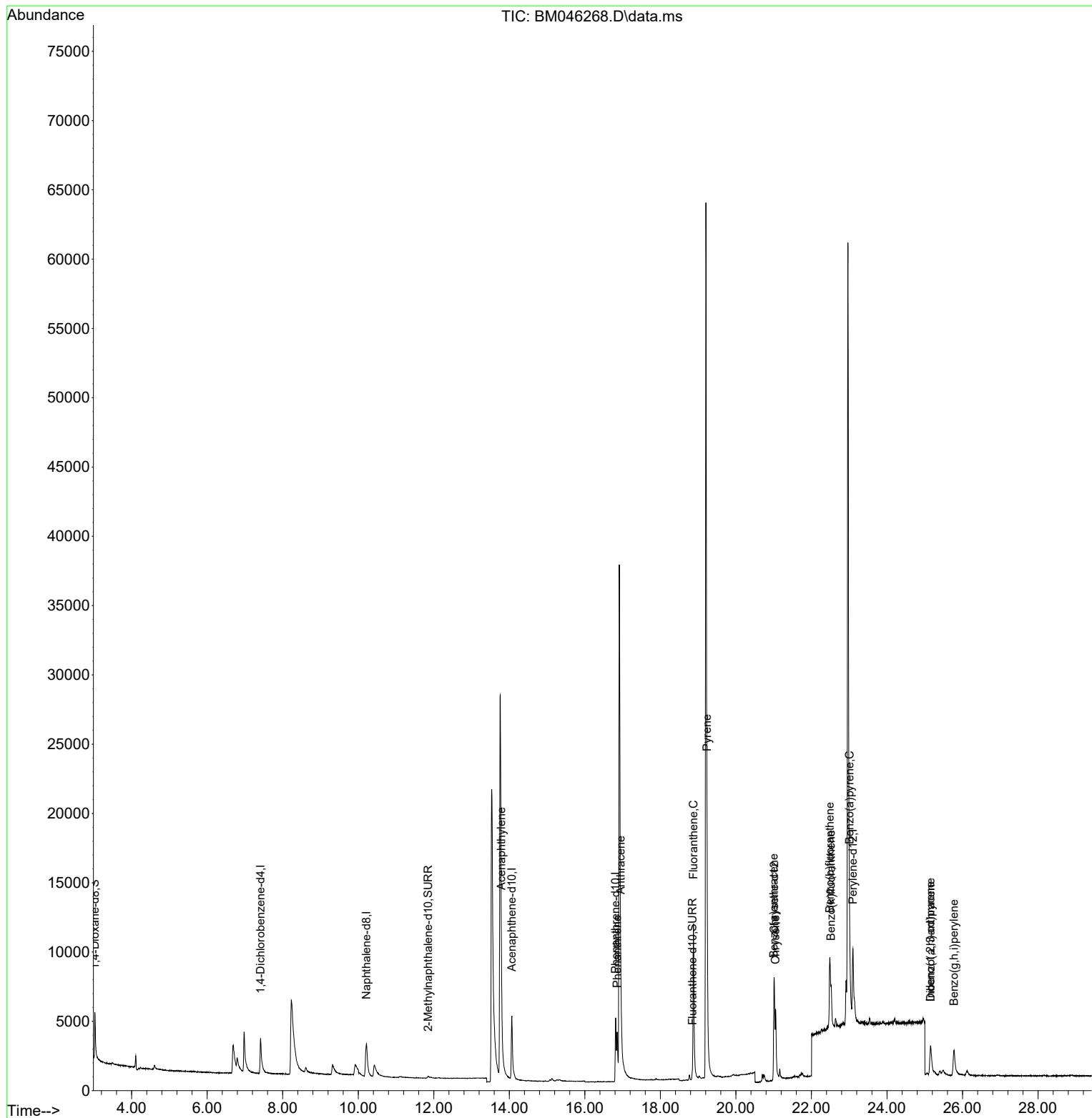
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046268.D
Acq On : 25 Jun 2024 00:12
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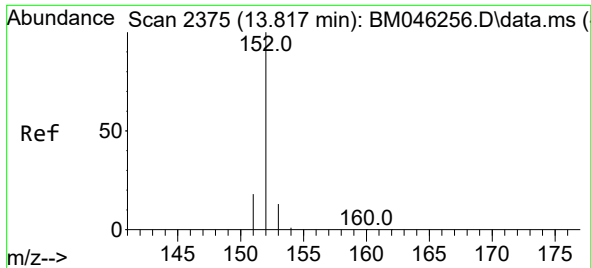
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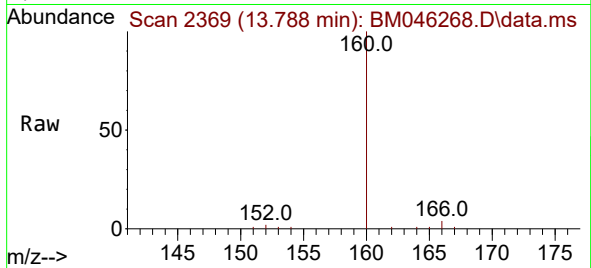
Quant Time: Jun 25 02:28:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.788 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

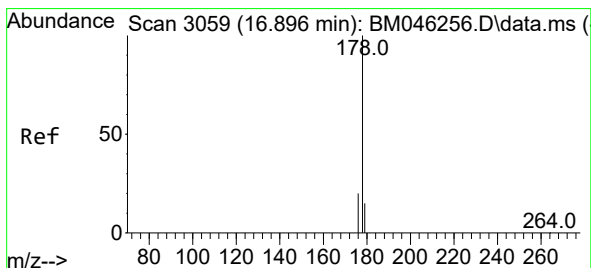
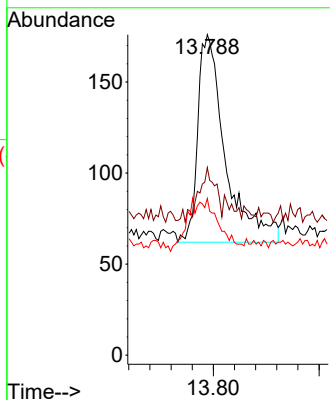
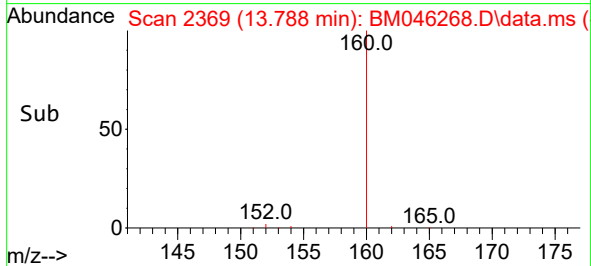
Instrument :
BNA_M
ClientSampleId :
A4B93DL



Tgt Ion:152 Resp: 41
Ion Ratio Lower Upper
152 100
151 58.5 17.4 26.2
153 48.9 11.8 17.8

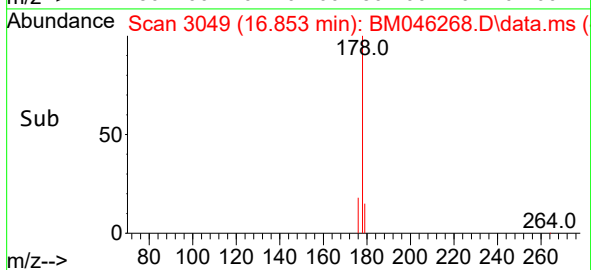
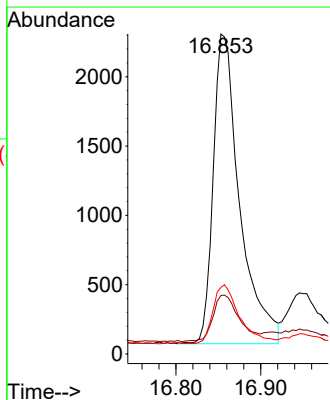
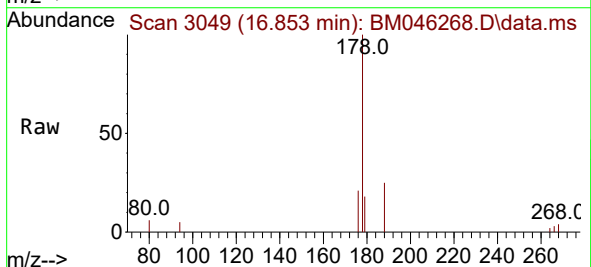
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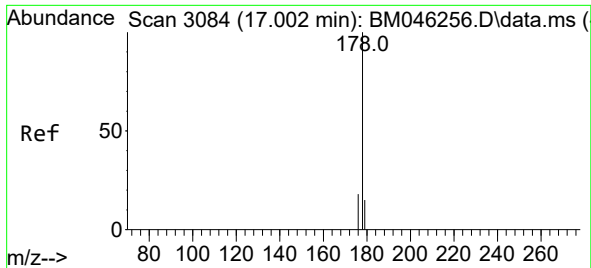
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 0.230 ng/ul
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

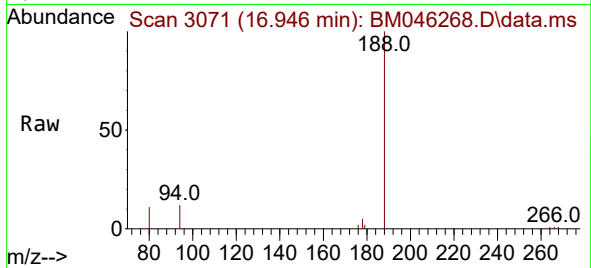
Tgt Ion:178 Resp: 4842
Ion Ratio Lower Upper
178 100
179 18.3 14.2 21.2
176 20.8 17.1 25.7





#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 16.946 min Scan# 3084
 Delta R.T. -0.059 min
 Lab File: BM046268.D
 Acq: 25 Jun 2024 00:12

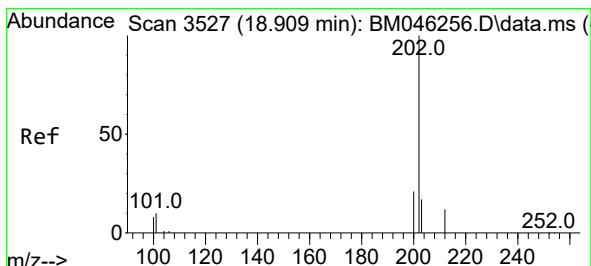
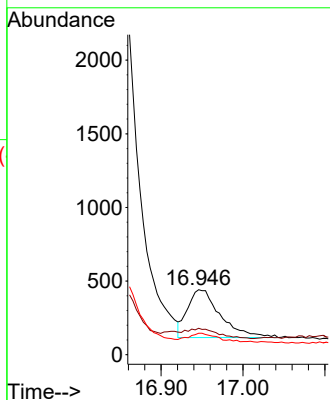
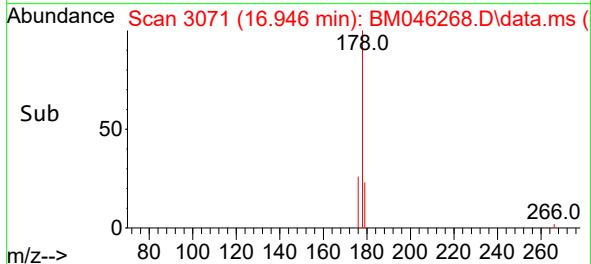
Instrument :
 BNA_M
 ClientSampleId :
 A4B93DL



Tgt Ion:178 Resp: 900
 Ion Ratio Lower Upper
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 179 40.8 14.9 22.3
 176 33.1 17.0 25.4

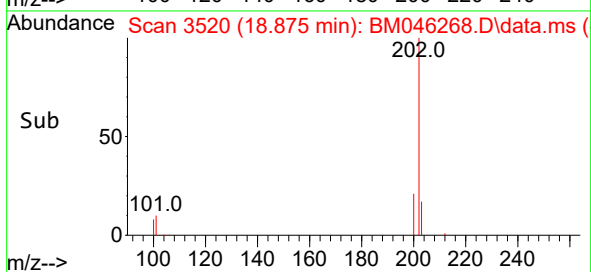
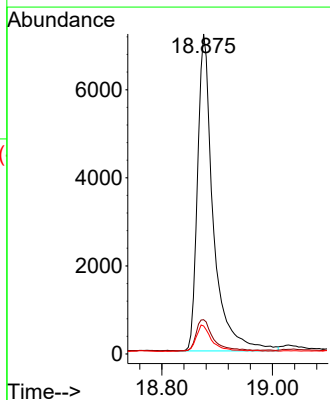
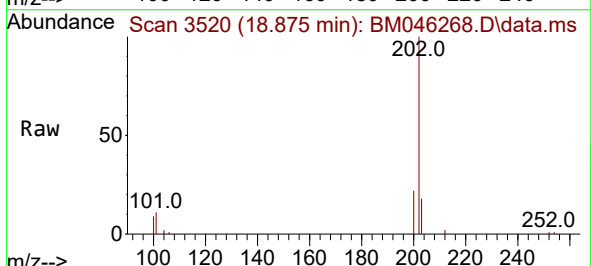
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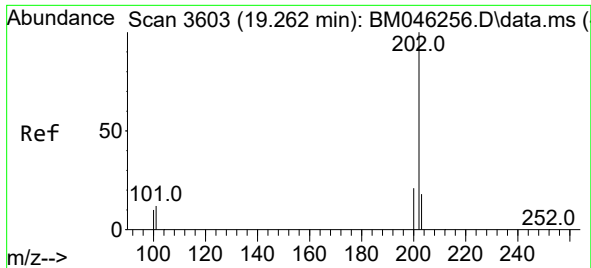
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.552 ng/ul
 RT: 18.875 min Scan# 3520
 Delta R.T. -0.042 min
 Lab File: BM046268.D
 Acq: 25 Jun 2024 00:12

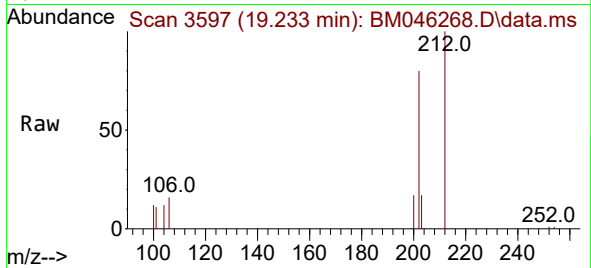
Tgt Ion:202 Resp: 14255
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.6 14.4
 100 8.8 7.6 11.4





#20
Pyrene
Concen: 0.439 ng/ul
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

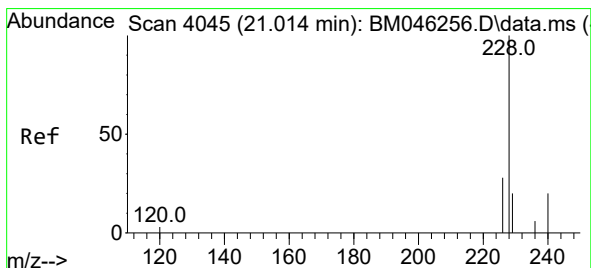
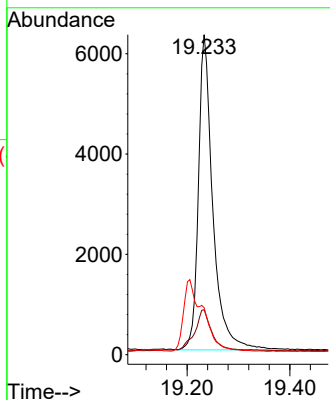
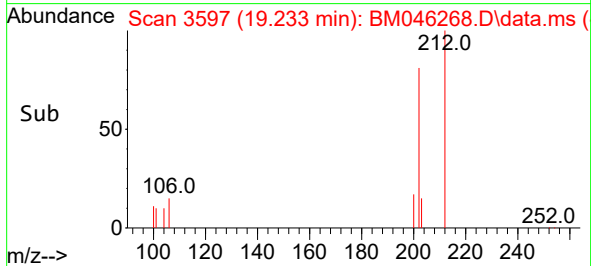
Instrument :
BNA_M
ClientSampleId :
A4B93DL



Tgt Ion:202 Resp: 12280
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 14.7 9.8 14.6

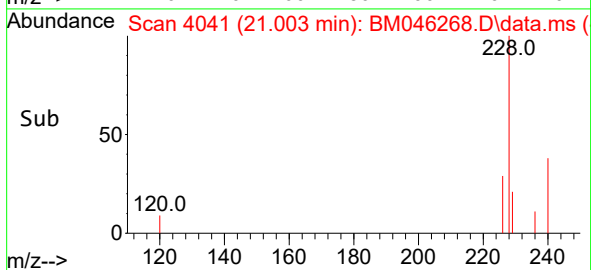
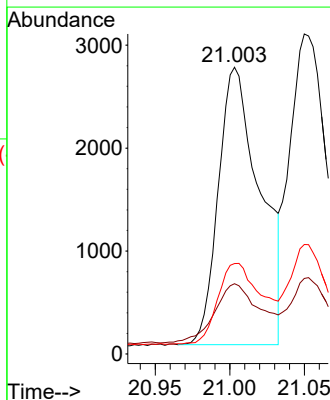
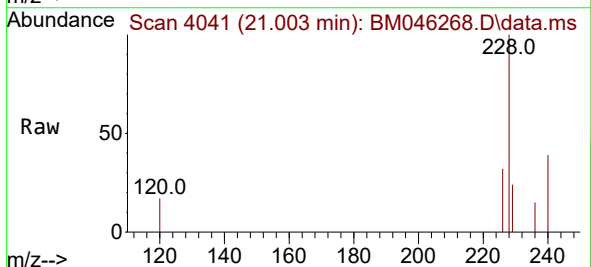
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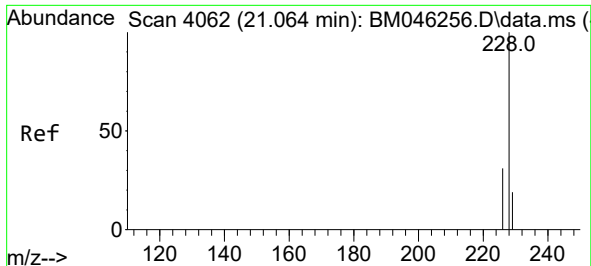
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 0.227 ng/ul
RT: 21.003 min Scan# 4041
Delta R.T. -0.026 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

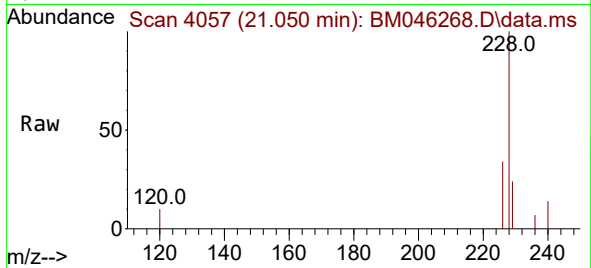
Tgt Ion:228 Resp: 5233
Ion Ratio Lower Upper
228 100
229 24.5 16.4 24.6
226 31.5 23.4 35.2





#22
Chrysene
Concen: 0.195 ng/ul
RT: 21.050 min Scan# 4062
Delta R.T. -0.026 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

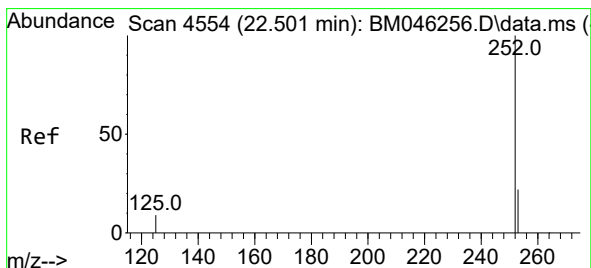
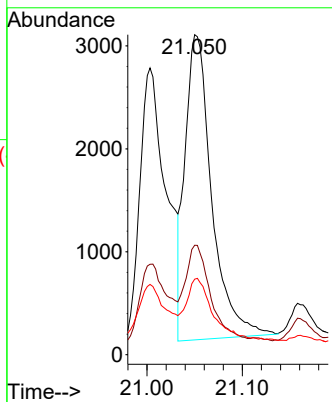
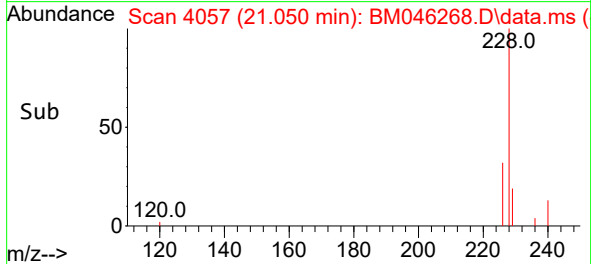
Instrument :
BNA_M
ClientSampleId :
A4B93DL



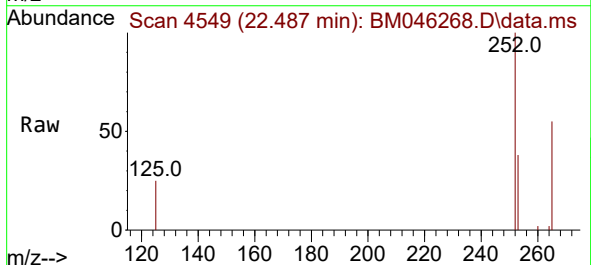
Tgt Ion:228 Resp: 5748
Ion Ratio Lower Upper
228 100
226 34.2 25.2 37.8
229 23.6 16.3 24.5

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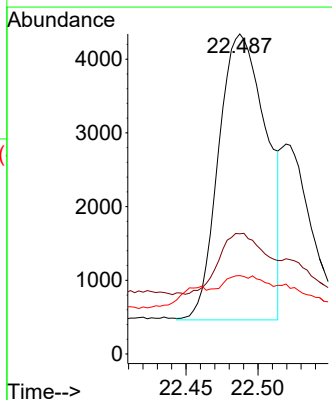
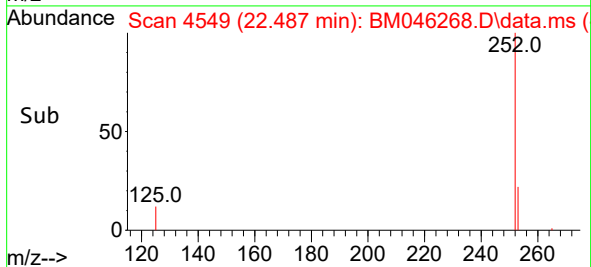
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

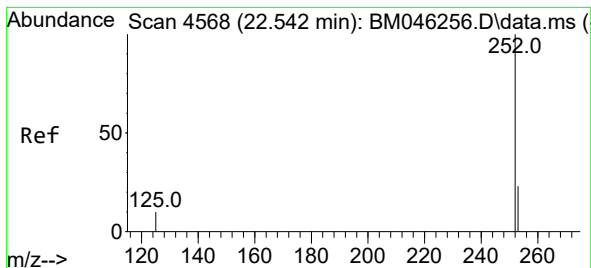


#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12



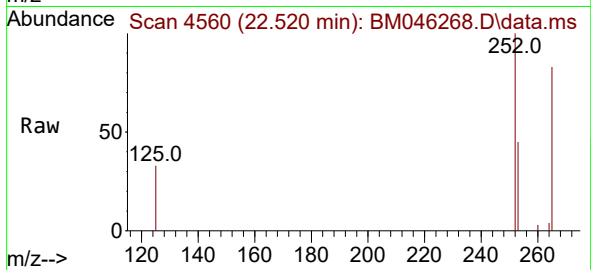
Tgt Ion:252 Resp: 8952
Ion Ratio Lower Upper
252 100
253 37.5 0.0 65.8
125 24.5 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.520 min Scan# 4568
Delta R.T. -0.044 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

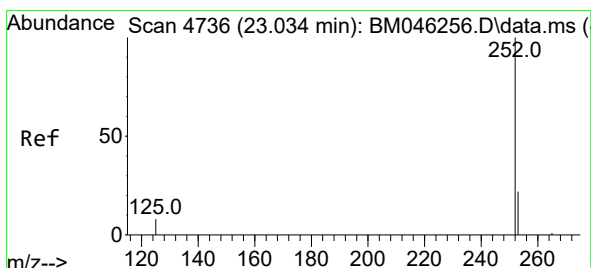
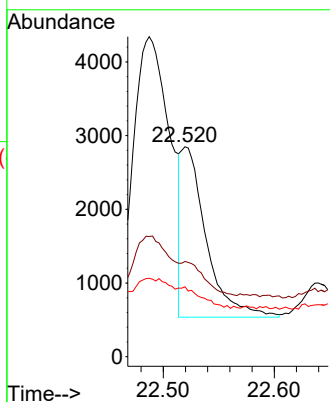
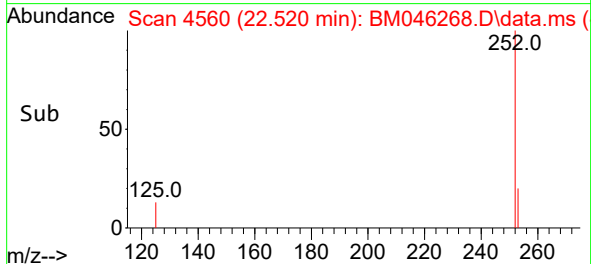
Instrument :
BNA_M
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A4B93DL



Tgt Ion:252 Resp: 364
Ion Ratio Lower Upper
252 100
253 45.4 27.2 40.8
125 33.3 16.6 25.0

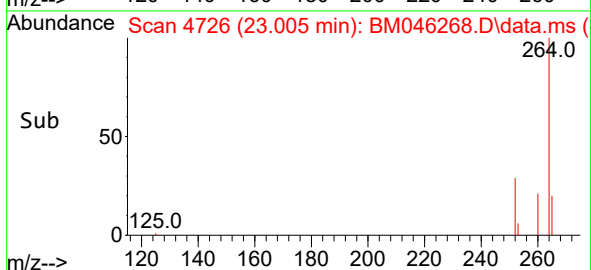
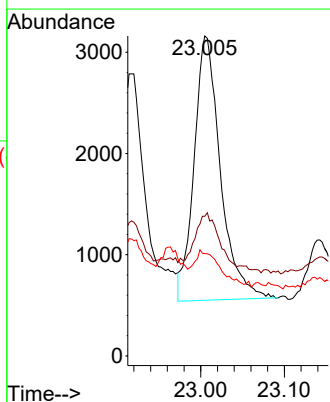
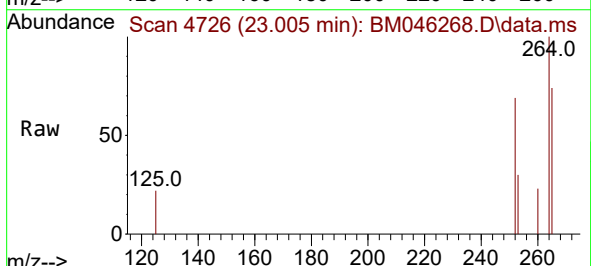
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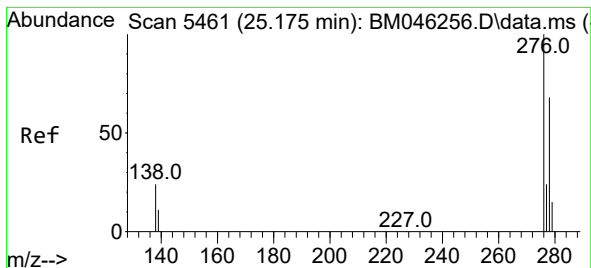
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.252 ng/ul
RT: 23.005 min Scan# 4726
Delta R.T. -0.050 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

Tgt Ion:252 Resp: 5707
Ion Ratio Lower Upper
252 100
253 43.6 32.1 48.1
125 32.0 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.127 ng/ul

RT: 25.152 min Scan# 5454

Delta R.T. -0.050 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

Instrument :

BNA_M

ClientSampleId :

A4B93DL

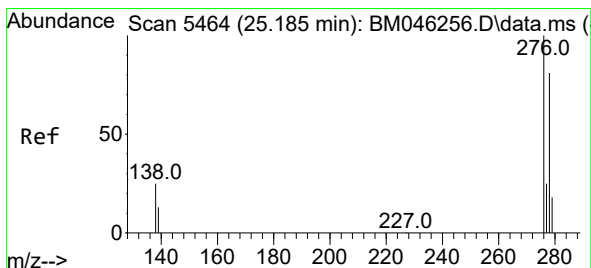
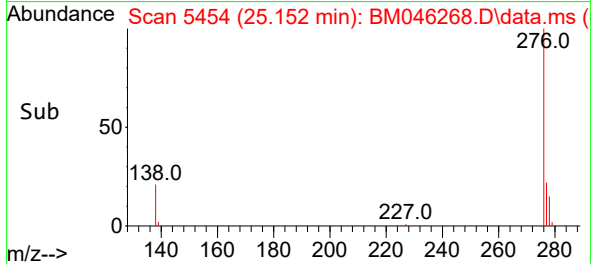
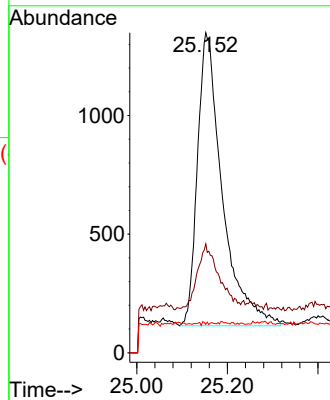
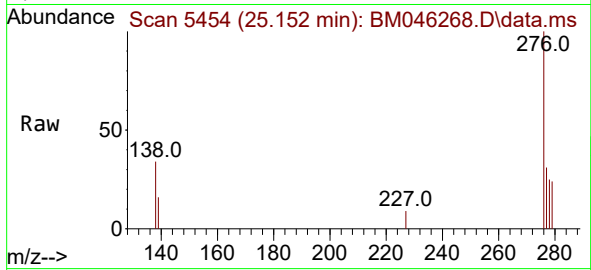
Tgt Ion:276 Resp: 470
 Ion Ratio Lower Upper
 276 100
 138 18.8 21.0 31.4#
 227 0.2 0.0 0.0#

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

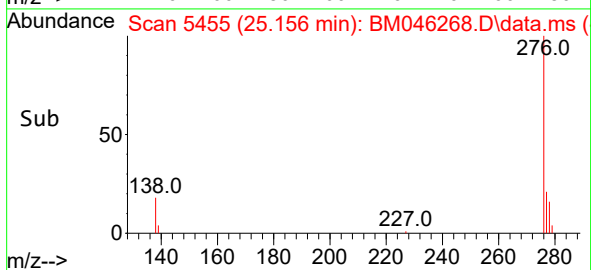
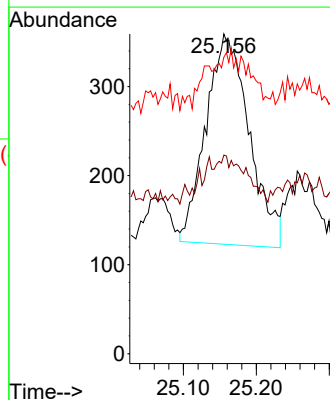
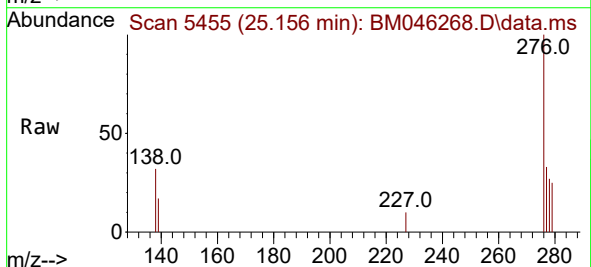
RT: 25.156 min Scan# 5455

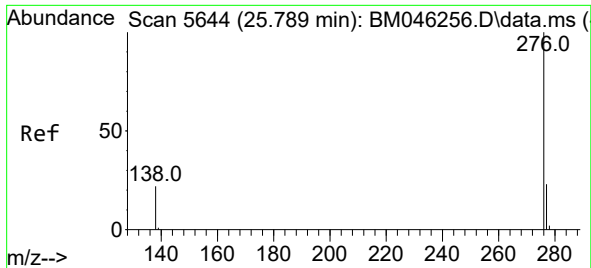
Delta R.T. -0.060 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

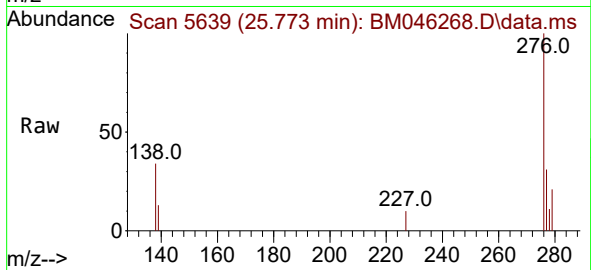
Tgt Ion:278 Resp: 974
 Ion Ratio Lower Upper
 278 100
 139 62.1 17.6 26.4#
 279 92.8 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 25.773 min Scan# 50
Delta R.T. -0.057 min
Lab File: BM046268.D
Acq: 25 Jun 2024 00:12

Instrument :
BNA_M
ClientSampleId :
A4B93DL



Tgt Ion:276 Resp: 4824
Ion Ratio Lower Upper
276 100
138 33.6 21.7 32.5
277 30.7 20.4 30.6

Manual Integrations
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Supervised By :mohammad ahmed 06/27/2024

