

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046584.D
 Acq On : 13 Jul 2024 15:41
 Operator : MA/JU
 Sample : P3035-24
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:02:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3795	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	10543	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.154	164	6537	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	14004m	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	9764	0.400	ng/ul #	0.00
23) Perylene-d12	23.253	264	9598	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	8158	2.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	3748	0.220	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	8323	0.280	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.867	152	1744	0.059	ng/ul#	91
11) Acenaphthene	14.214	153	1011	0.051	ng/ul	98
12) Fluorene	15.209	166	1318	0.053	ng/ul#	94
15) Phenanthrene	16.946	178	29662	0.742	ng/ul	99
16) Anthracene	17.039	178	6505	0.167	ng/ul	99
19) Fluoranthene	18.973	202	66889	1.668	ng/ul#	98
20) Pyrene	19.340	202	53433	1.231	ng/ul	98
21) Benzo(a)anthracene	21.096	228	26662	0.617	ng/ul	98
22) Chrysene	21.149	228	28773	0.688	ng/ul	98
24) Benzo(b)fluoranthene	22.622	252	35221m	0.919	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	12768m	0.339	ng/ul	
26) Benzo(a)pyrene	23.163	252	21263	0.674	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.373	276	16726	0.348	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	3949	0.104	ng/ul#	32
29) Benzo(g,h,i)perylene	26.017	276	16765	0.438	ng/ul#	95

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

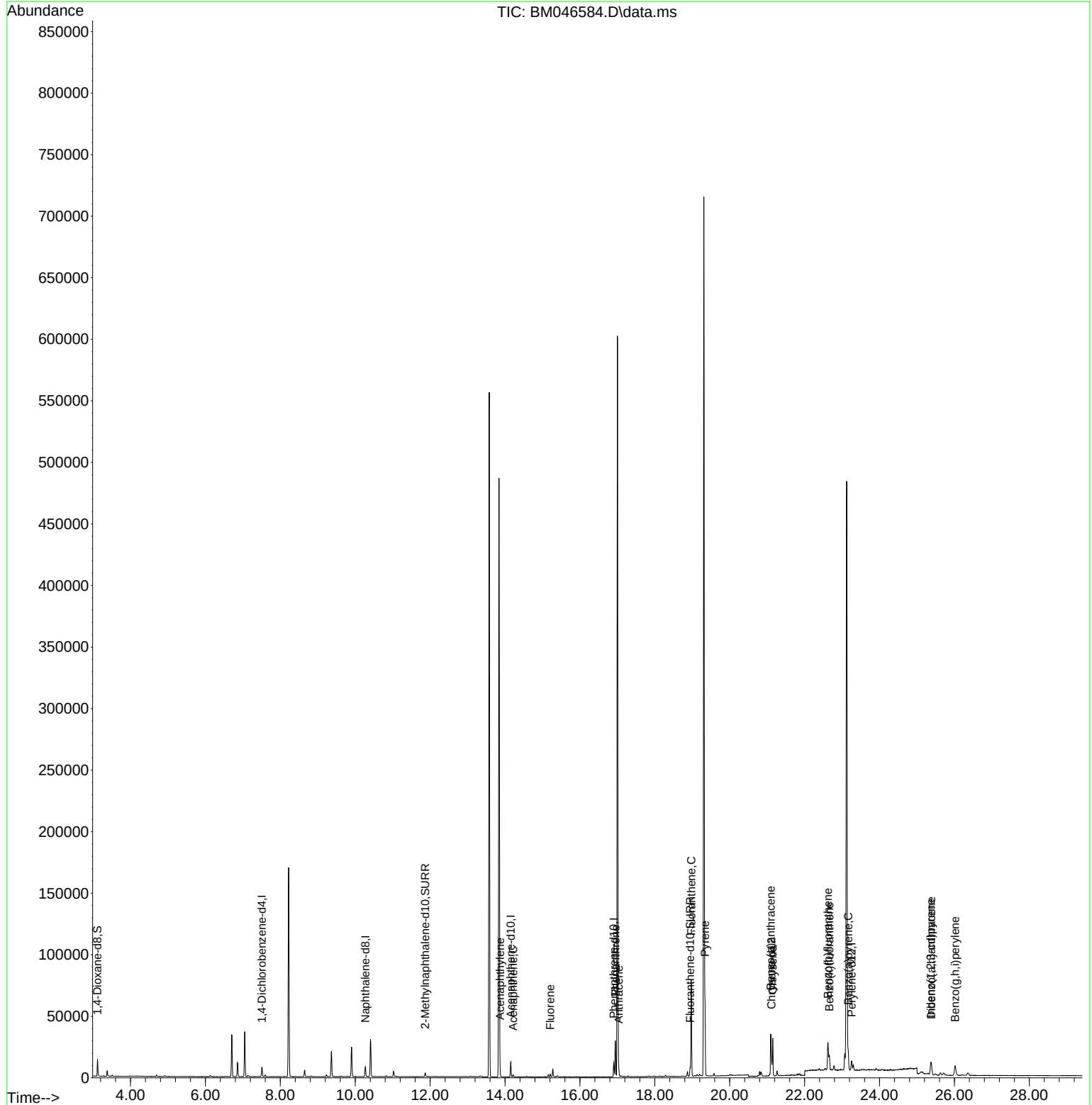
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046584.D
Acq On : 13 Jul 2024 15:41
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ALS Vial : 47 Sample Multiplier: 1

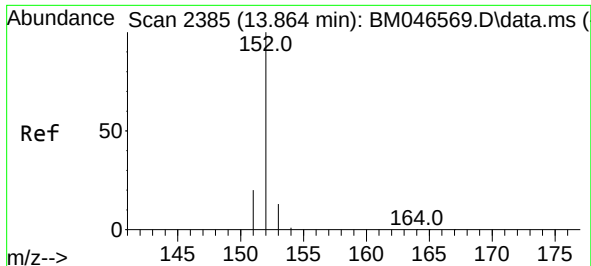
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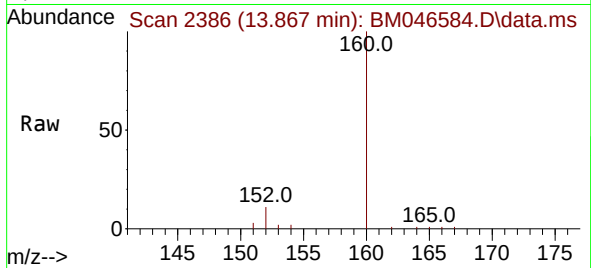
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 13.867 min Scan# 2144
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

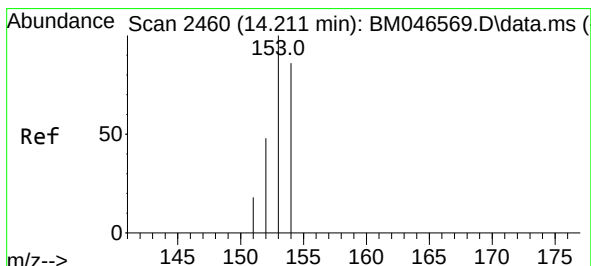
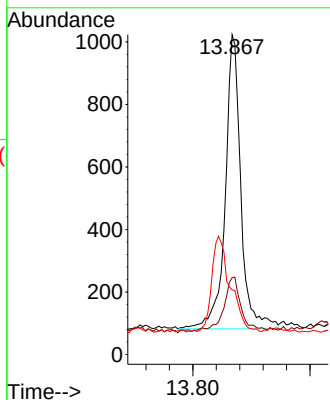
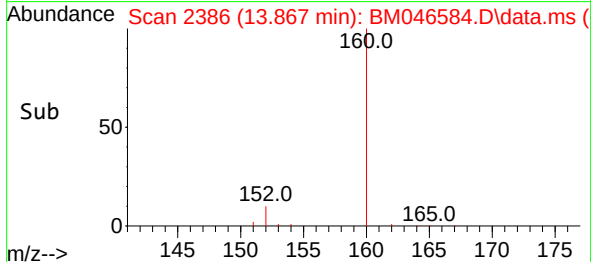
Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:152 Resp: 1744
Ion Ratio Lower Upper
152 100
151 24.0 16.4 24.6
153 20.2 12.4 18.6

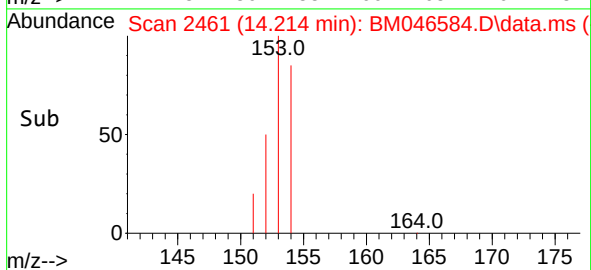
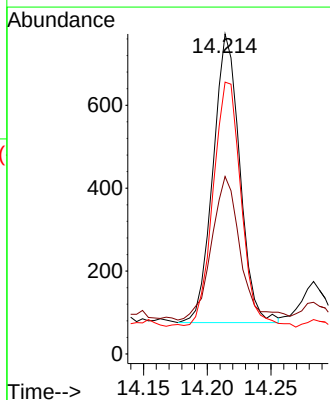
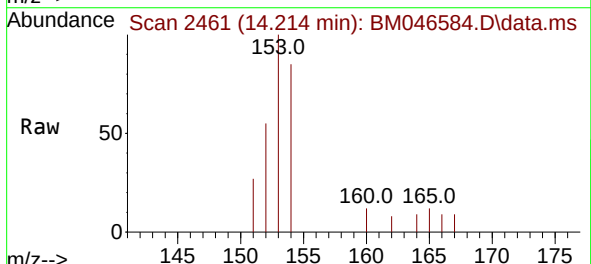
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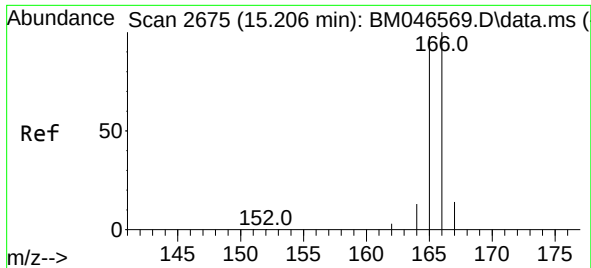
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

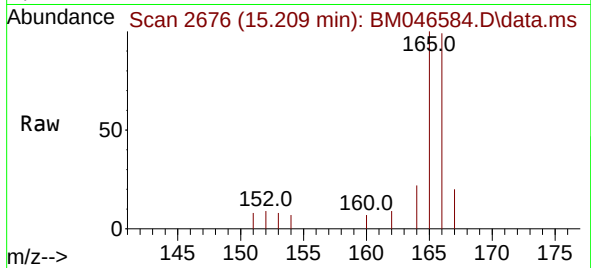
Tgt Ion:153 Resp: 1011
Ion Ratio Lower Upper
153 100
152 55.4 43.0 64.6
154 85.0 69.9 104.9





#12
Fluorene
Concen: 0.053 ng/u1
RT: 15.209 min Scan# 2675
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

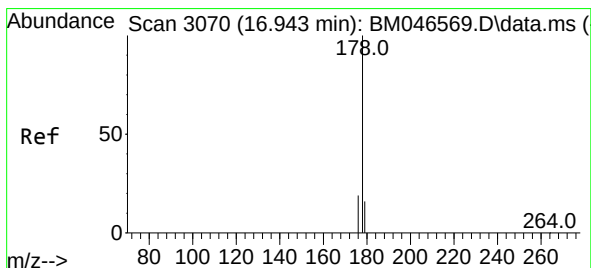
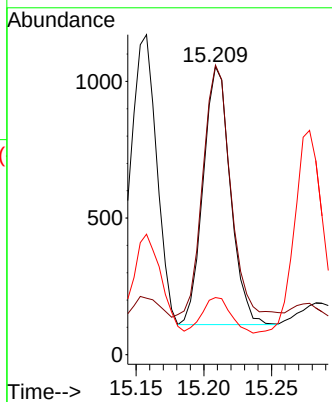
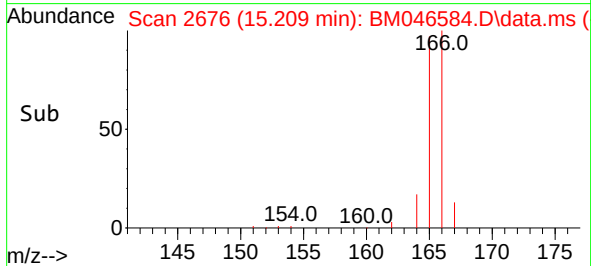
Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:166 Resp: 1318
Ion Ratio Lower Upper
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165 100.6 76.1 114.1
167 19.8 12.5 18.7

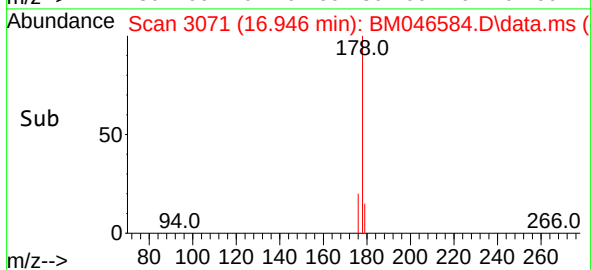
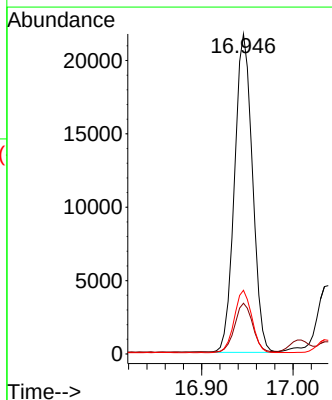
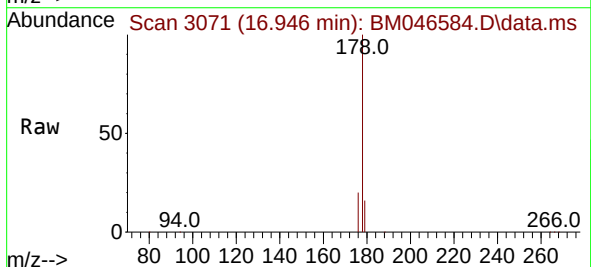
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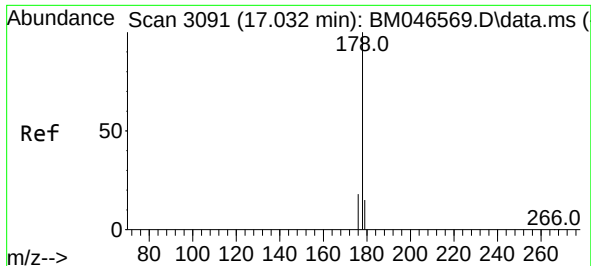
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.742 ng/u1
RT: 16.946 min Scan# 3071
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

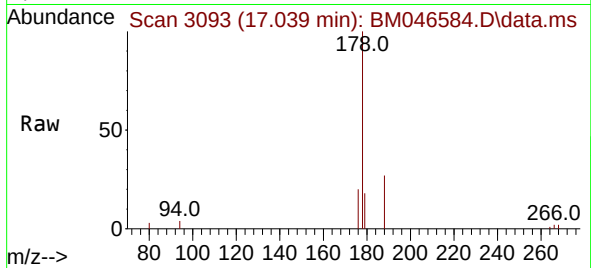
Tgt Ion:178 Resp: 29662
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 19.9 16.0 24.0





#16
 Anthracene
 Concen: 0.167 ng/ul
 RT: 17.039 min Scan# 3091
 Delta R.T. 0.007 min
 Lab File: BM046584.D
 Acq: 13 Jul 2024 15:41

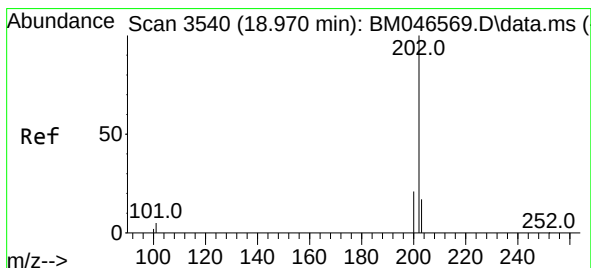
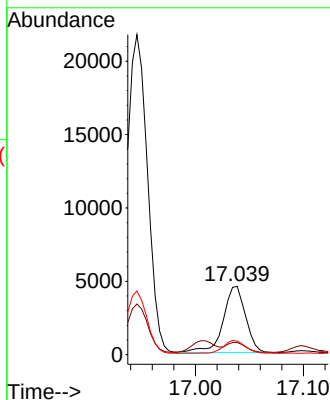
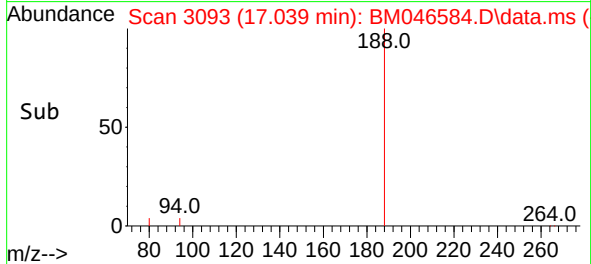
Instrument :
 BNA_M
 ClientSampleId :
 A4CC9



Tgt Ion:178 Resp: 6500
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.5 20.3
 176 20.0 15.7 23.5

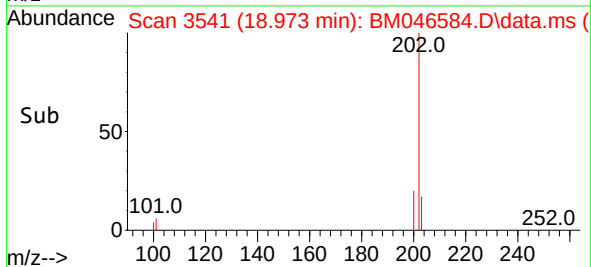
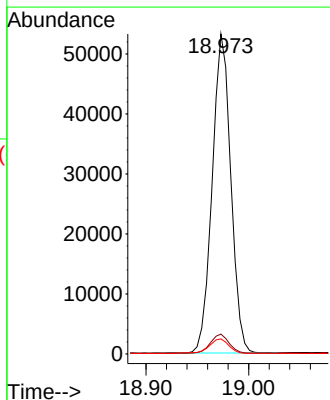
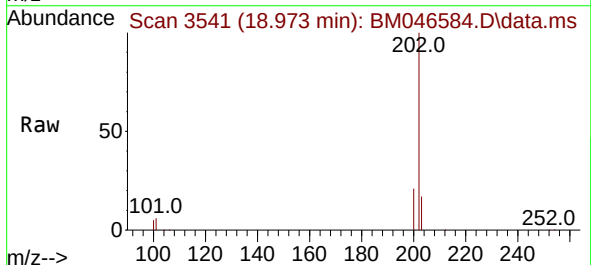
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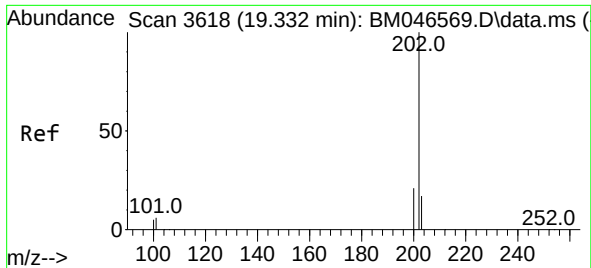
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 1.668 ng/ul
 RT: 18.973 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: BM046584.D
 Acq: 13 Jul 2024 15:41

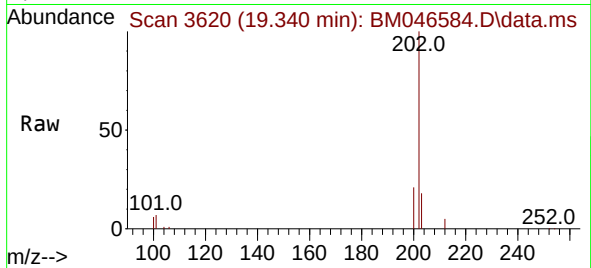
Tgt Ion:202 Resp: 66889
 Ion Ratio Lower Upper
 202 100
 101 6.2 4.6 6.8
 100 4.7 3.0 4.6#





#20
Pyrene
Concen: 1.231 ng/ul
RT: 19.340 min Scan# 30
Delta R.T. 0.008 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

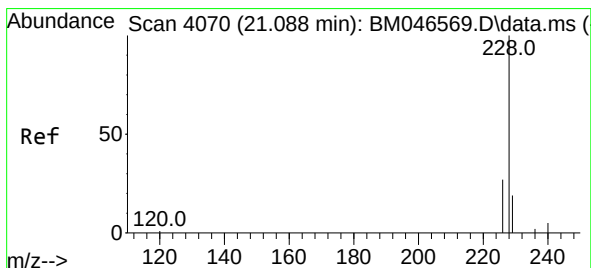
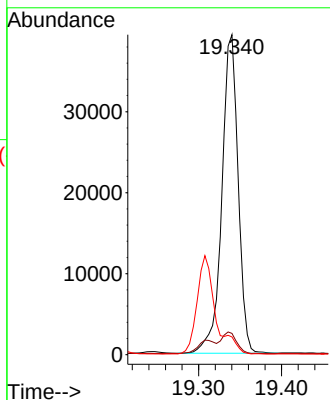
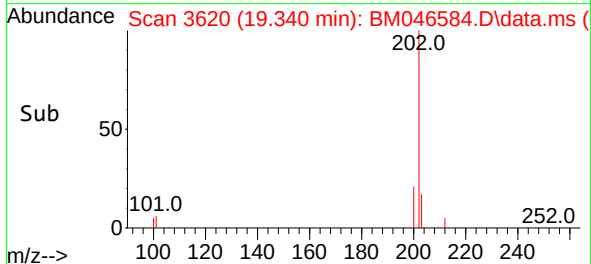
Instrument :
BNA_M
ClientSampleId :
A4CC9



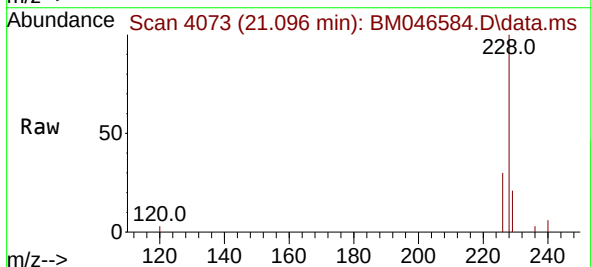
Tgt Ion:202 Resp: 5343
Ion Ratio Lower Upper
202 100
101 6.7 5.1 7.7
100 5.6 3.8 5.6

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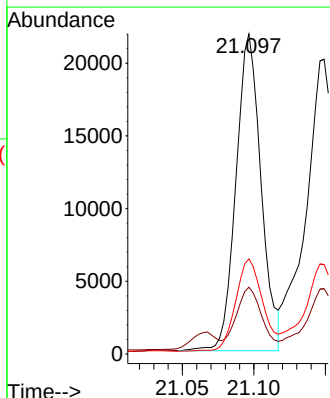
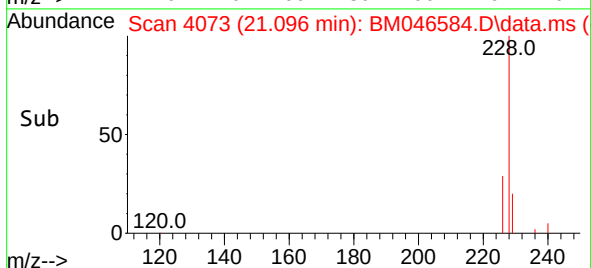
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

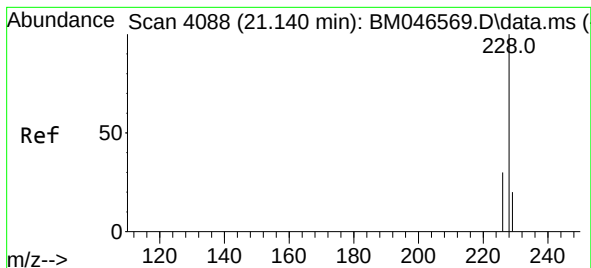


#21
Benzo(a)anthracene
Concen: 0.617 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. 0.009 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41



Tgt Ion:228 Resp: 26662
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 29.7 22.5 33.7





#22

Chrysene

Concen: 0.688 ng/ul

RT: 21.149 min Scan# 4088

Delta R.T. 0.009 min

Lab File: BM046584.D

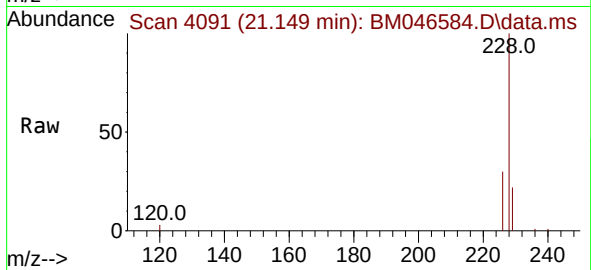
Acq: 13 Jul 2024 15:41

Instrument :

BNA_M

ClientSampleId :

A4CC9



Tgt Ion:228 Resp: 2877

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

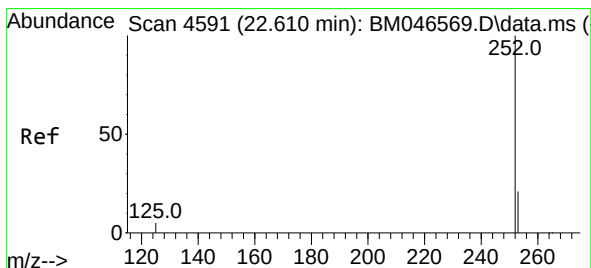
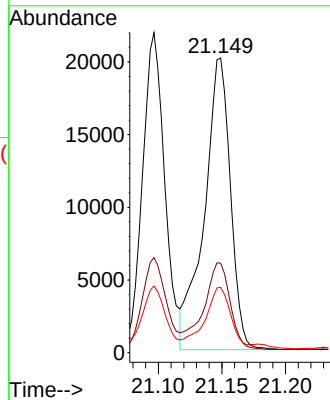
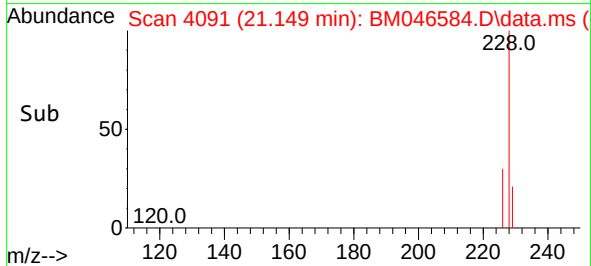
229 22.2 16.4 24.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2024

Supervised By :mohammad ahmed 07/16/2024



#24

Benzo(b)fluoranthene

Concen: 0.919 ng/ul m

RT: 22.622 min Scan# 4595

Delta R.T. 0.012 min

Lab File: BM046584.D

Acq: 13 Jul 2024 15:41

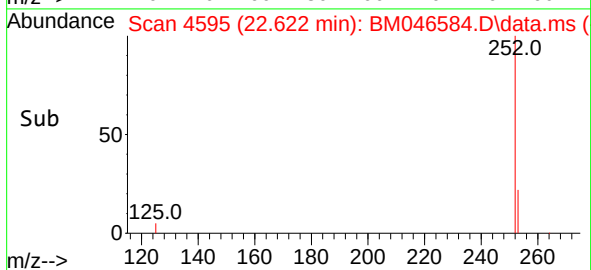
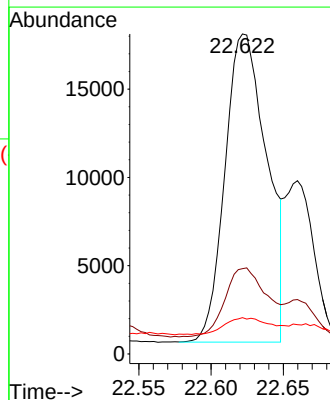
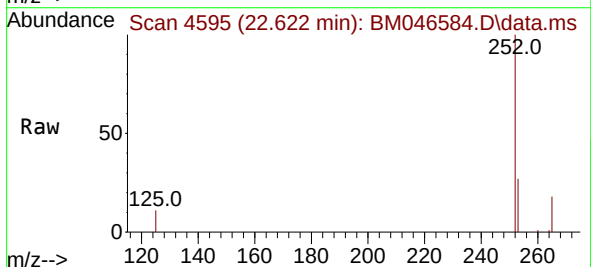
Tgt Ion:252 Resp: 35221

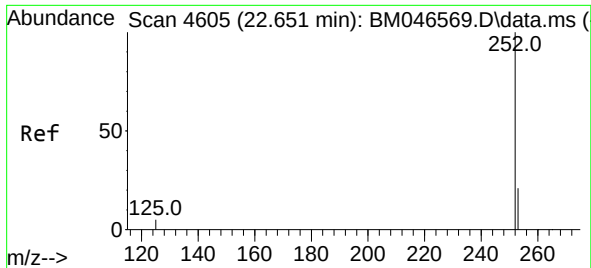
Ion Ratio Lower Upper

252 100

253 26.7 0.0 56.2

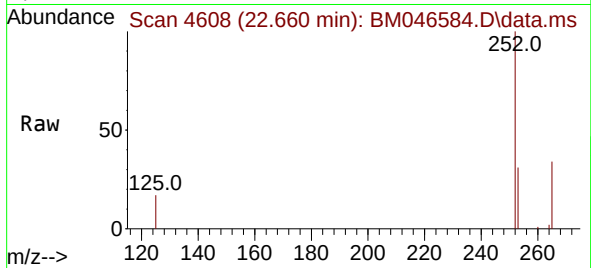
125 11.4 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. 0.009 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

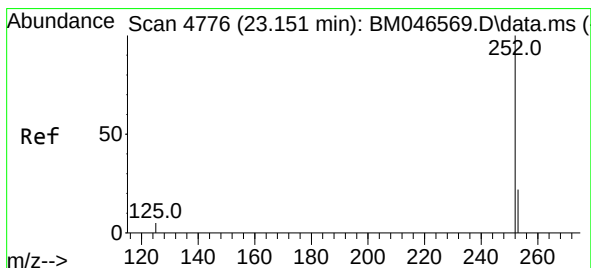
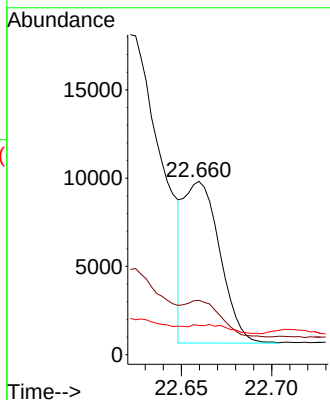
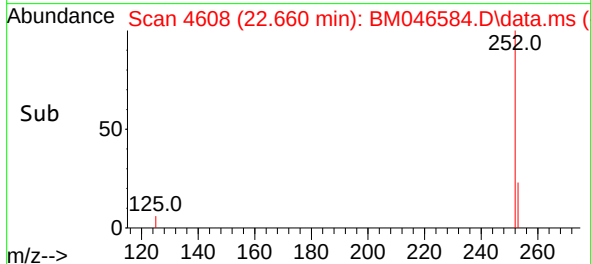
Instrument :
BNA_M
ClientSampleId :
A4CC9



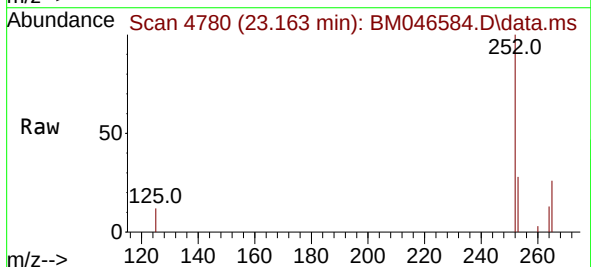
Tgt Ion:252 Resp: 12768
Ion Ratio Lower Upper
252 100
253 31.4 22.4 33.6
125 16.9 7.0 10.4

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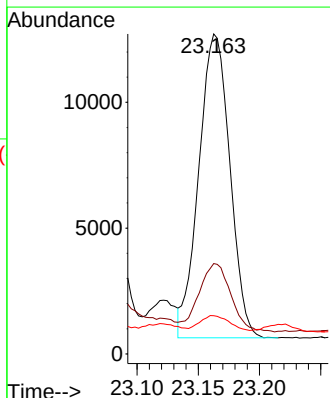
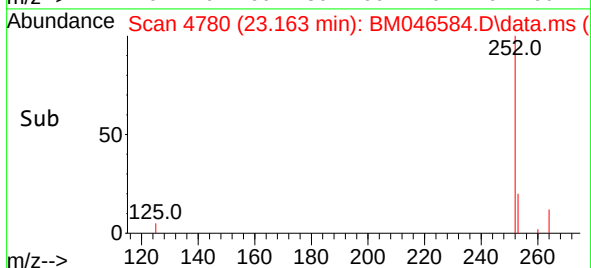
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

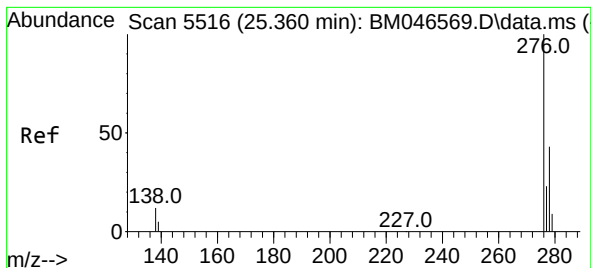


#26
Benzo(a)pyrene
Concen: 0.674 ng/ul
RT: 23.163 min Scan# 4780
Delta R.T. 0.012 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41



Tgt Ion:252 Resp: 21263
Ion Ratio Lower Upper
252 100
253 28.3 24.0 36.0
125 11.9 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.348 ng/ul

RT: 25.373 min Scan# 5520

Delta R.T. 0.013 min

Lab File: BM046584.D

Acq: 13 Jul 2024 15:41

Instrument :

BNA_M

ClientSampleId :

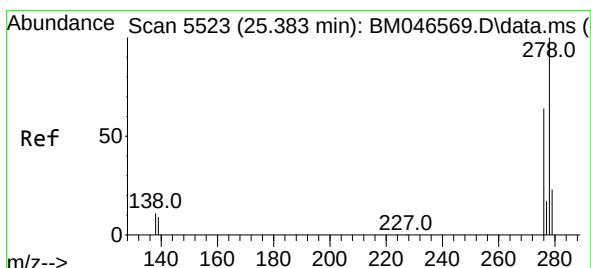
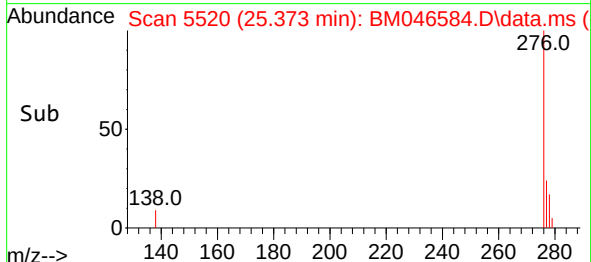
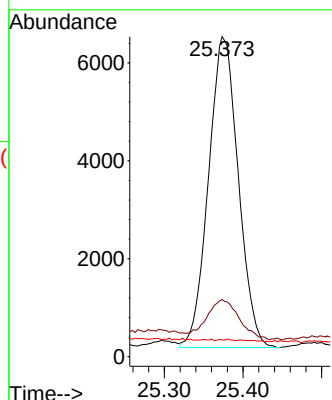
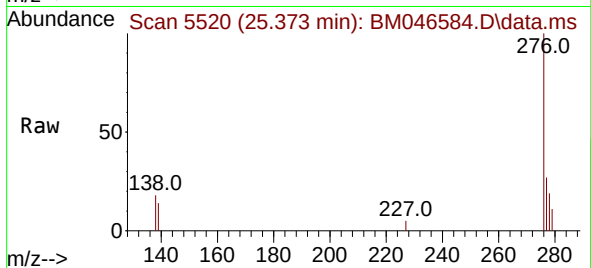
A4CC9

Tgt Ion:	276	Resp:	16720
Ion Ratio	Lower	Upper	
276	100		
138	14.1	0.0	0.0#
227	0.2	0.2	0.2#

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.104 ng/ul

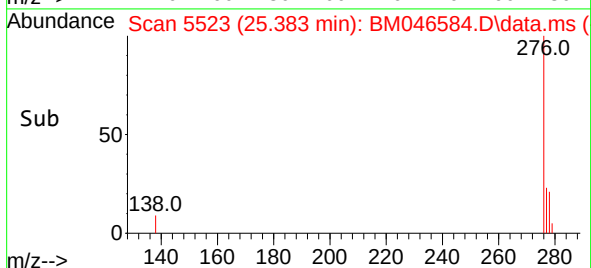
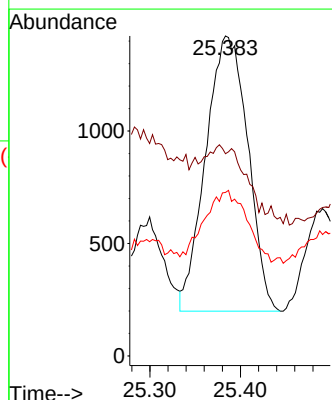
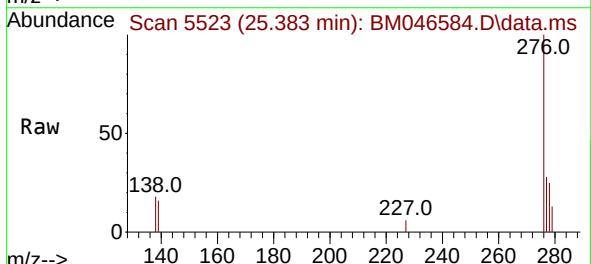
RT: 25.383 min Scan# 5523

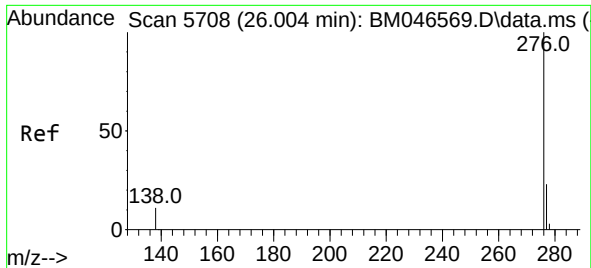
Delta R.T. 0.000 min

Lab File: BM046584.D

Acq: 13 Jul 2024 15:41

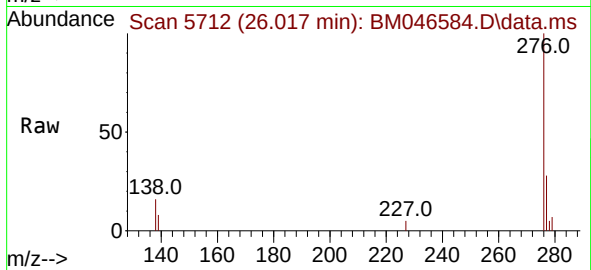
Tgt Ion:	278	Resp:	3949
Ion Ratio	Lower	Upper	
278	100		
139	63.2	9.1	13.7#
279	51.1	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 26.017 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:276 Resp: 1676
Ion Ratio Lower Upper
276 100
138 16.4 10.2 15.4
277 27.5 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

