

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046421.D
 Acq On : 06 Jul 2024 16:24
 Operator : MA/JU
 Sample : P2982-22
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BC5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:49:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	34841	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	20765	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	39762	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	16646	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	16232	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26150	2.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	11840	0.230	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	16301	0.280	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.899	152	7709	0.073	ng/ul	96
11) Acenaphthene	14.242	153	3502	0.051	ng/ul	98
12) Fluorene	15.236	166	3865	0.048	ng/ul#	91
15) Phenanthrene	16.971	178	81264	0.682	ng/ul	99
16) Anthracene	17.064	178	13598	0.118	ng/ul	98
19) Fluoranthene	19.001	202	137173	1.630	ng/ul	97
20) Pyrene	19.363	202	116647	1.347	ng/ul#	95
21) Benzo(a)anthracene	21.123	228	45052	0.606	ng/ul	93
22) Chrysene	21.172	228	51412	0.695	ng/ul	97
24) Benzo(b)fluoranthene	22.657	252	62066m	0.899	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	24131m	0.346	ng/ul	
26) Benzo(a)pyrene	23.204	252	38699	0.709	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.441	276	33432	0.454	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.451	278	7874	0.138	ng/ul#	65
29) Benzo(g,h,i)perylene	26.088	276	33290	0.567	ng/ul	97

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

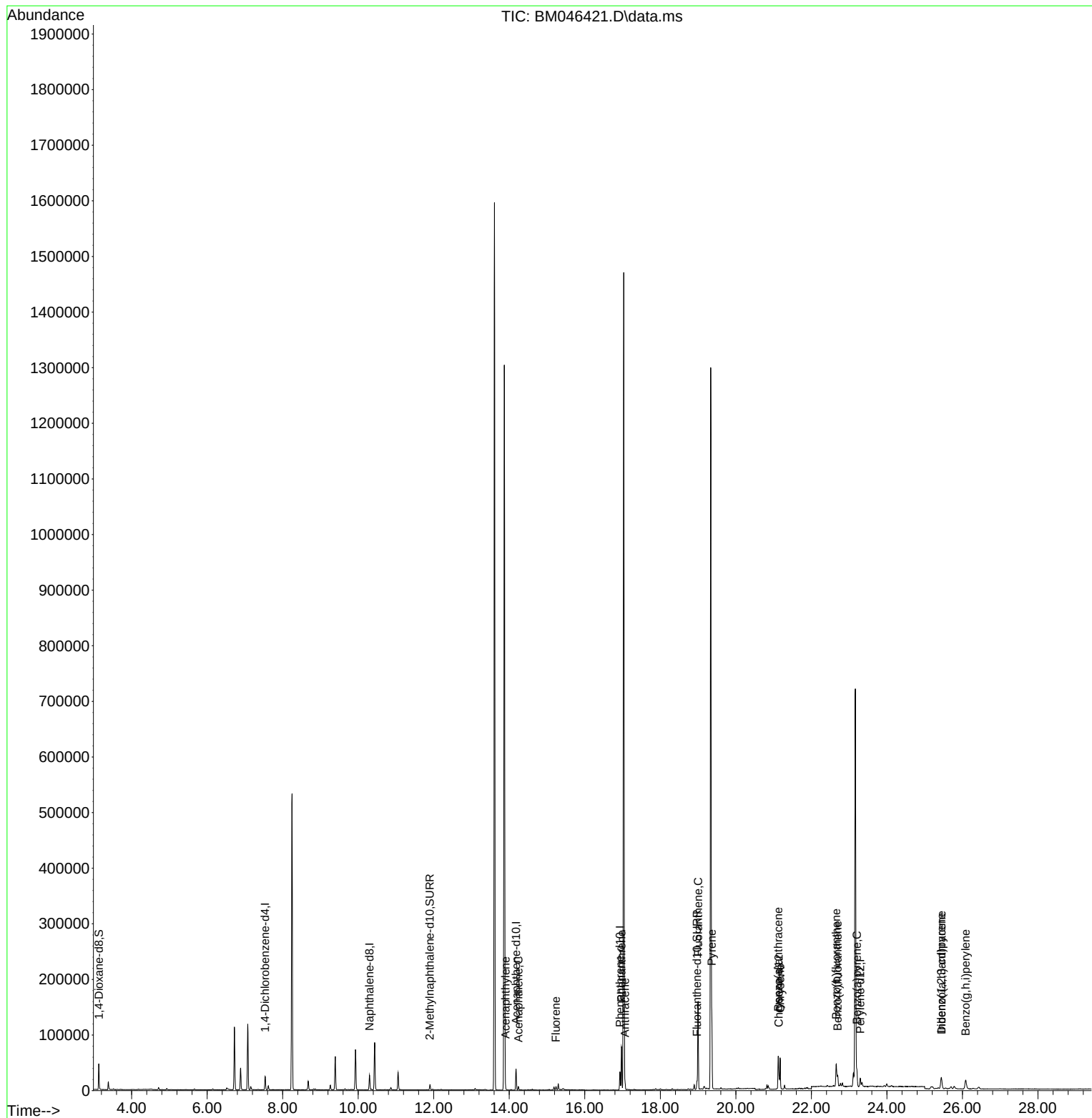
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046421.D
Acq On : 06 Jul 2024 16:24
Operator : MA/JU
Sample : P2982-22
Misc :
ALS Vial : 47 Sample Multiplier: 1

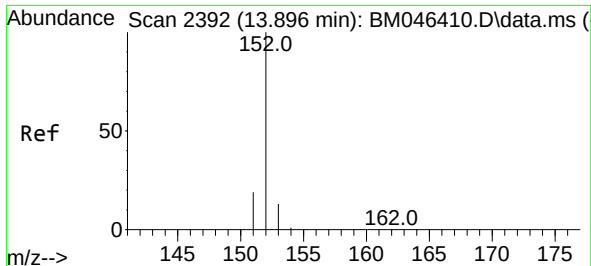
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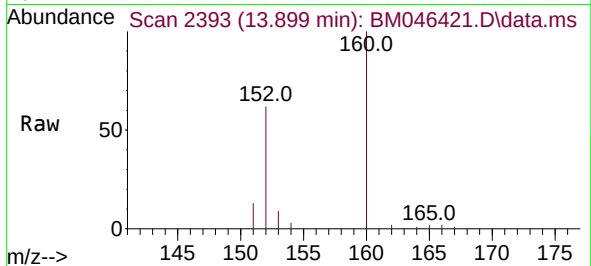
Quant Time: Jul 08 00:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.073 ng/u1
RT: 13.899 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

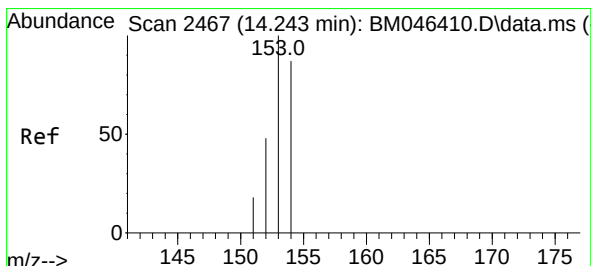
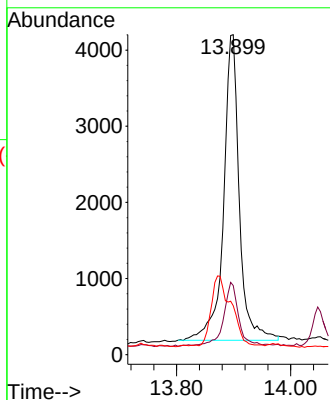
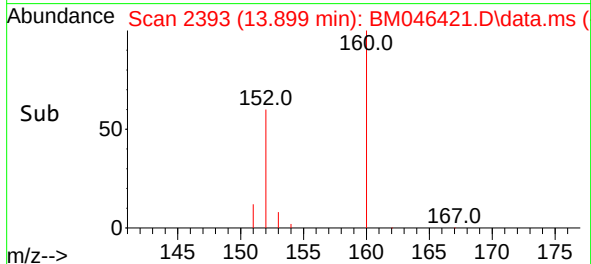
Instrument :
BNA_M
ClientSampleId :
A4BC5



Tgt Ion:152 Resp: 7709
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 15.3 11.0 16.6

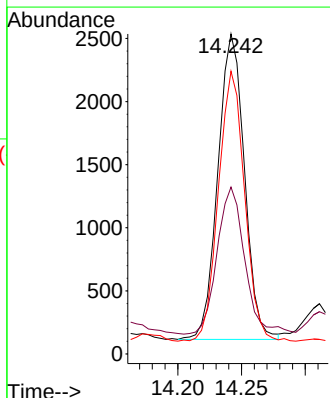
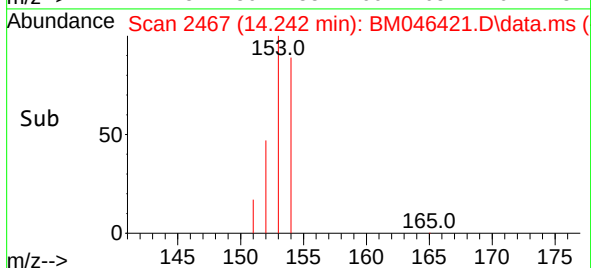
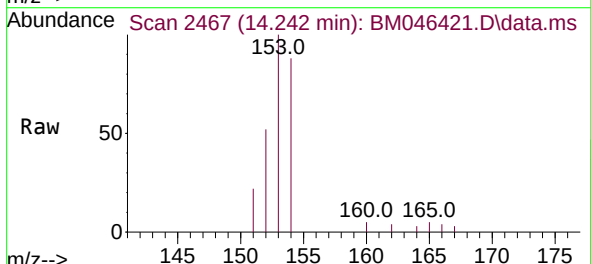
Manual Integrations
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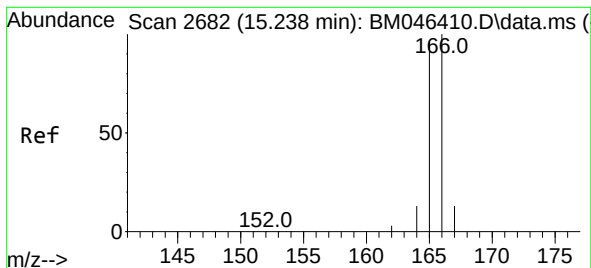
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:153 Resp: 3502
Ion Ratio Lower Upper
153 100
152 52.2 40.4 60.6
154 88.4 72.1 108.1





#12

Fluorene

Concen: 0.048 ng/ul

RT: 15.236 min Scan# 20

Delta R.T. -0.004 min

Lab File: BM046421.D

Acq: 06 Jul 2024 16:24

Instrument :

BNA_M

ClientSampleId :

A4BC5

Tgt Ion:166 Resp: 386

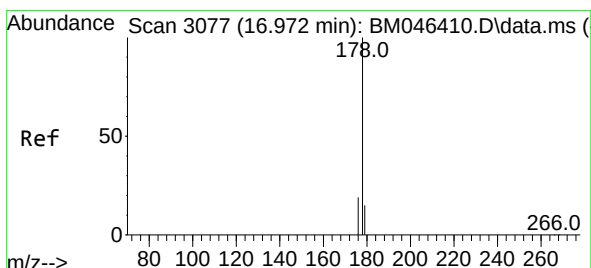
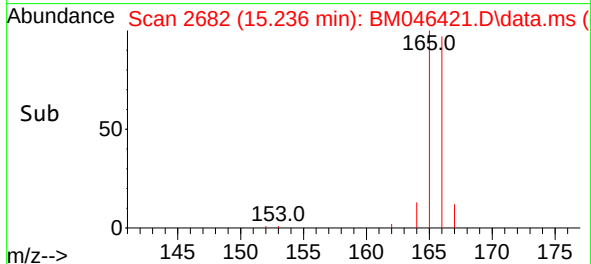
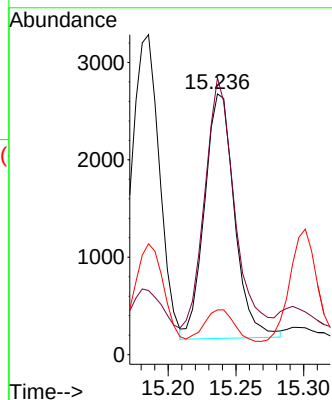
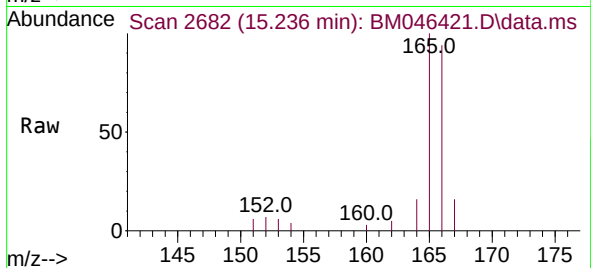
Ion	Ratio	Lower	Upper
166	100		
165	106.3	78.0	117.0
167	17.2	11.4	17.0

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#15

Phenanthrene

Concen: 0.682 ng/ul

RT: 16.971 min Scan# 3077

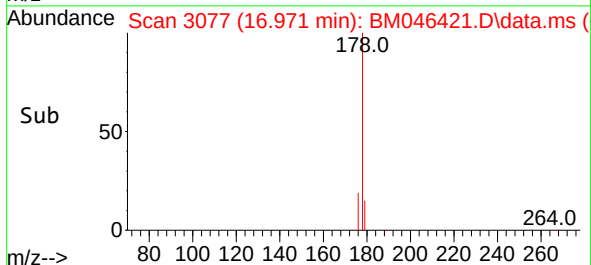
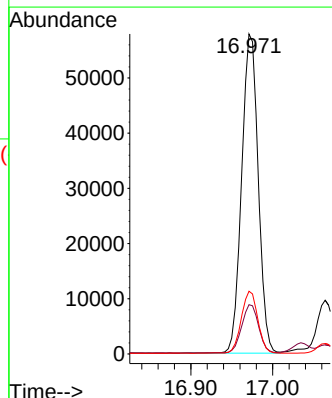
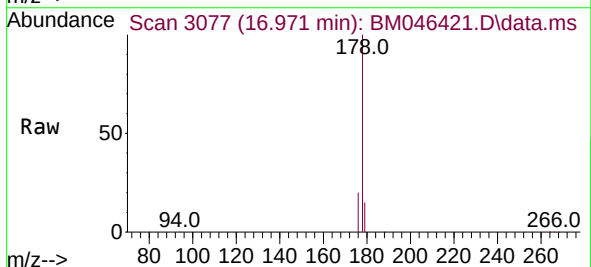
Delta R.T. -0.004 min

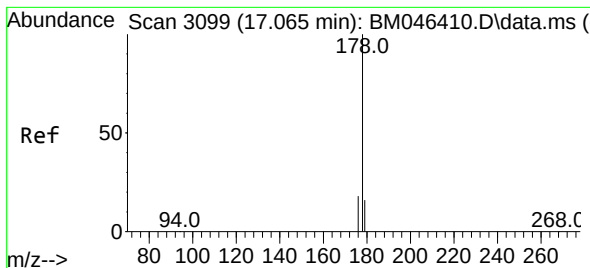
Lab File: BM046421.D

Acq: 06 Jul 2024 16:24

Tgt Ion:178 Resp: 81264

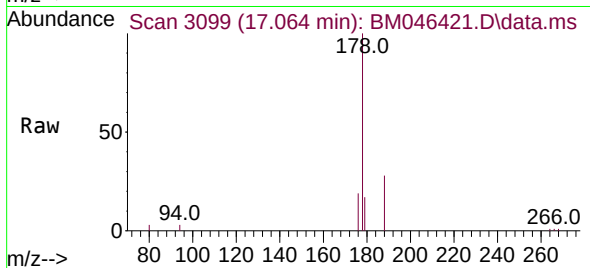
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	19.6	16.0	24.0





#16
 Anthracene
 Concen: 0.118 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046421.D
 Acq: 06 Jul 2024 16:24

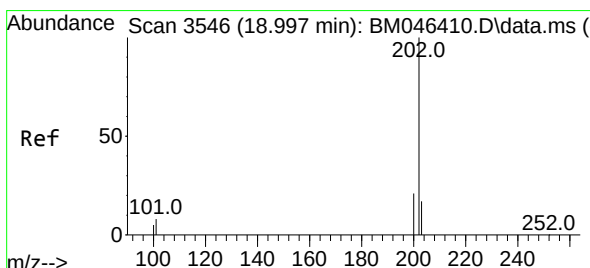
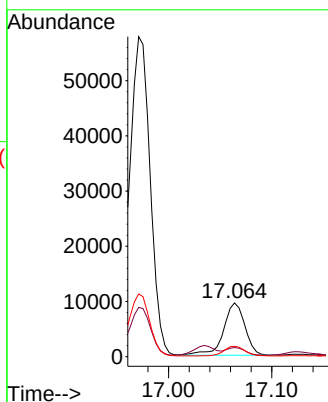
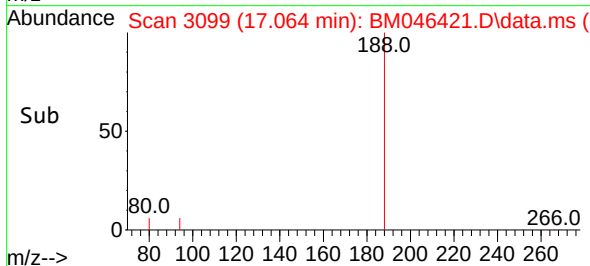
Instrument :
 BNA_M
 ClientSampleId :
 A4BC5



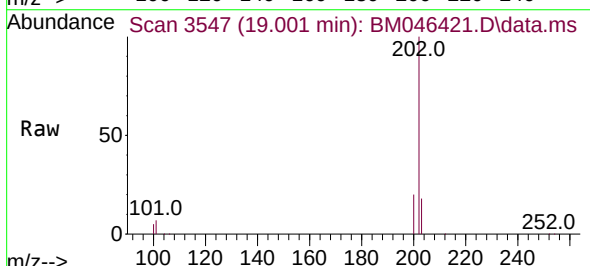
Tgt Ion:178 Resp: 13598
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.6 18.8
 176 19.5 14.9 22.3

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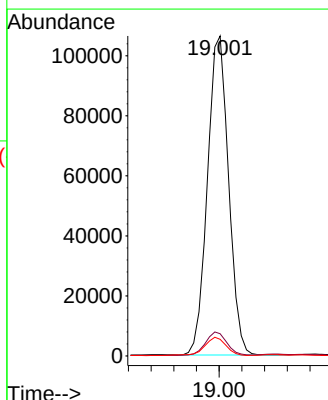
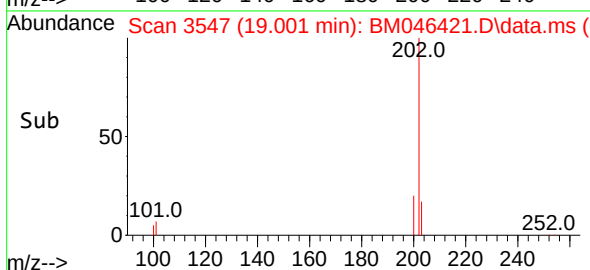
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

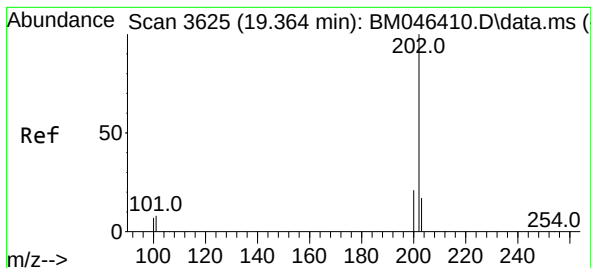


#19
 Fluoranthene
 Concen: 1.630 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.005 min
 Lab File: BM046421.D
 Acq: 06 Jul 2024 16:24



Tgt Ion:202 Resp: 137173
 Ion Ratio Lower Upper
 202 100
 101 7.0 6.3 9.5
 100 5.2 5.0 7.6





#20

Pyrene

Concen: 1.347 ng/ul

RT: 19.363 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM046421.D

Acq: 06 Jul 2024 16:24

Instrument :

BNA_M

ClientSampleId :

A4BC5

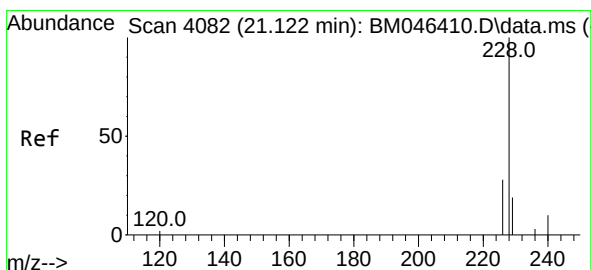
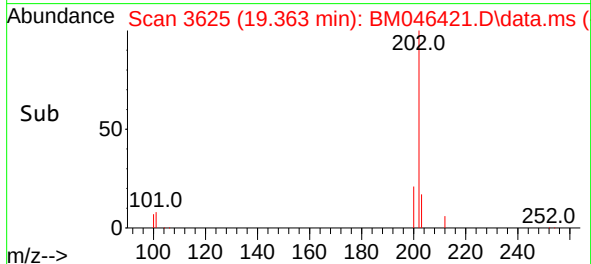
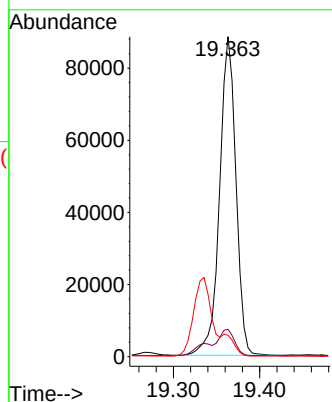
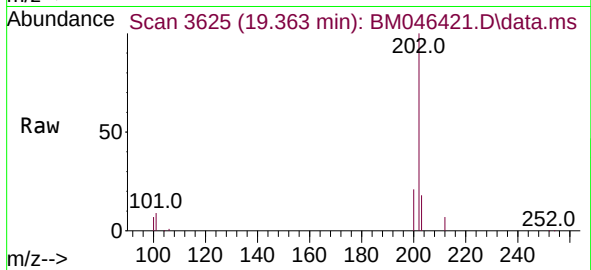
Tgt Ion:	202	Resp:	11664
Ion Ratio	Lower	Upper	
202	100		
101	8.6	8.2	12.4
100	6.7	6.9	10.3

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#21

Benzo(a)anthracene

Concen: 0.606 ng/ul

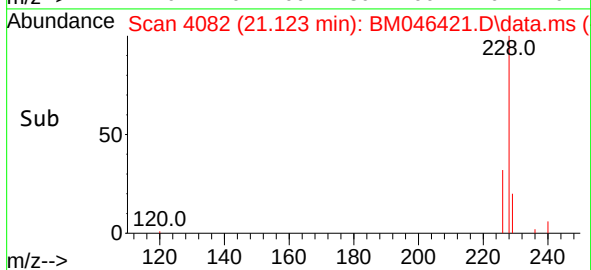
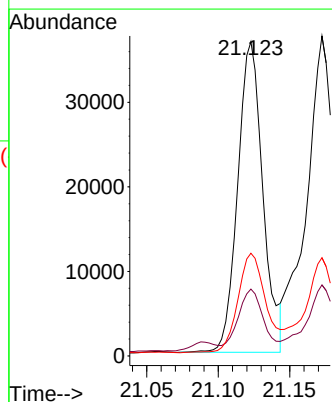
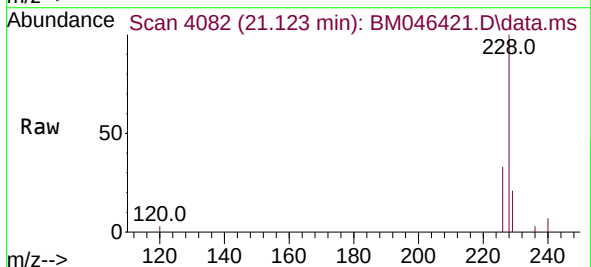
RT: 21.123 min Scan# 4082

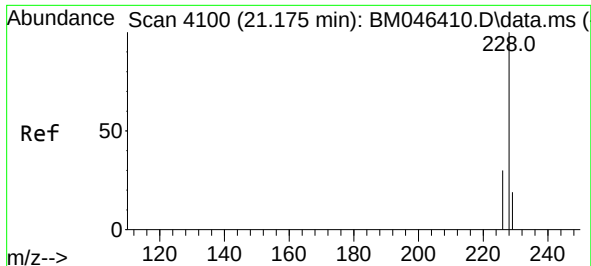
Delta R.T. -0.003 min

Lab File: BM046421.D

Acq: 06 Jul 2024 16:24

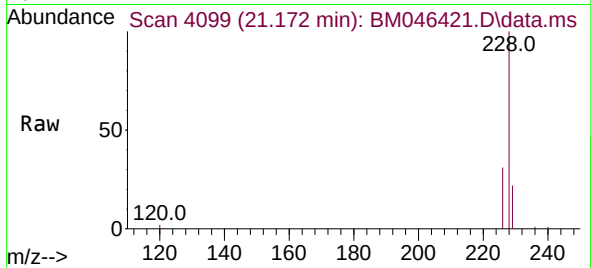
Tgt Ion:	228	Resp:	45052
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.8	23.6
226	32.7	22.0	33.0





#22
Chrysene
Concen: 0.695 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

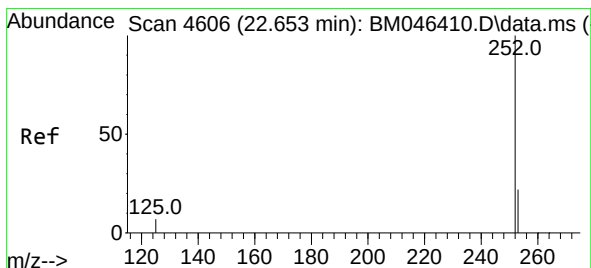
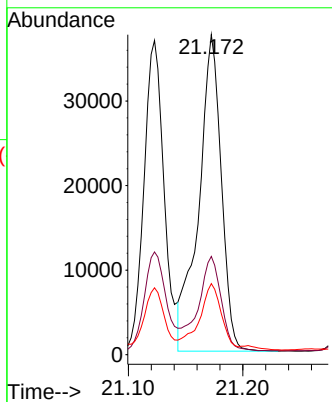
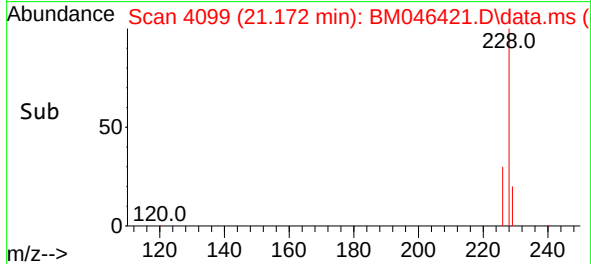
Instrument :
BNA_M
ClientSampleId :
A4BC5



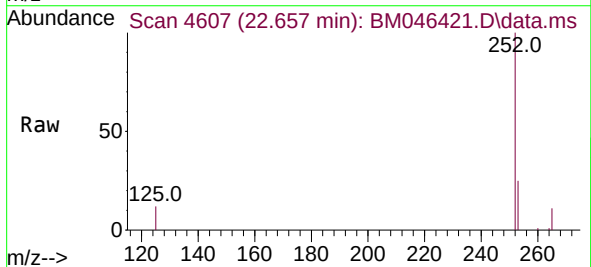
Tgt Ion:228 Resp: 5141
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 22.2 15.8 23.6

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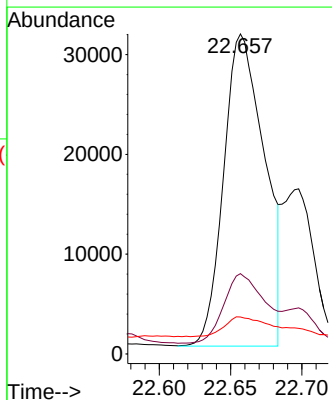
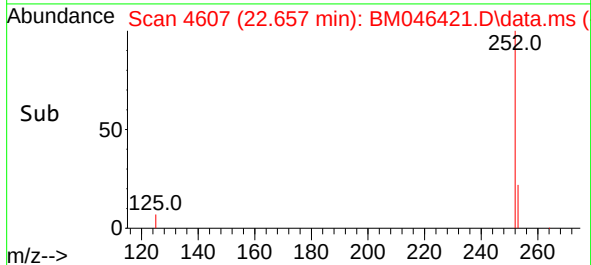
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

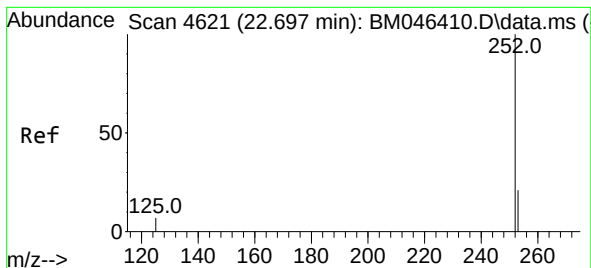


#24
Benzo(b)fluoranthene
Concen: 0.899 ng/ul m
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24



Tgt Ion:252 Resp: 62066
Ion Ratio Lower Upper
252 100
253 25.1 0.0 47.0
125 11.6 0.0 18.4





#25

Benzo(k)fluoranthene

Concen: 0.346 ng/ul m

RT: 22.698 min Scan# 4

Delta R.T. -0.009 min

Lab File: BM046421.D

Acq: 06 Jul 2024 16:24

Instrument :

BNA_M

ClientSampleId :

A4BC5

Tgt Ion:252 Resp: 2413

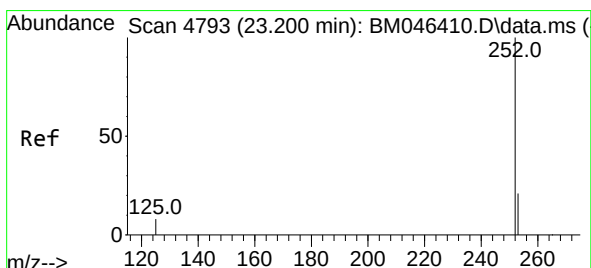
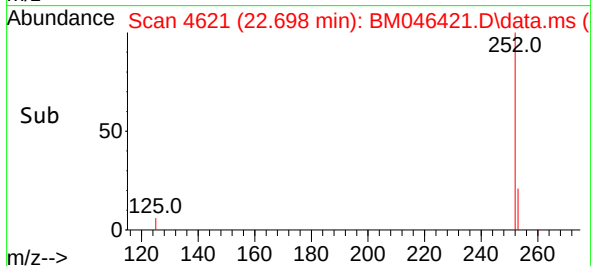
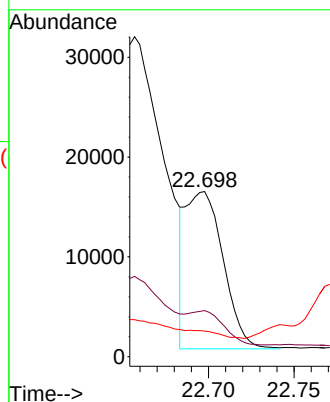
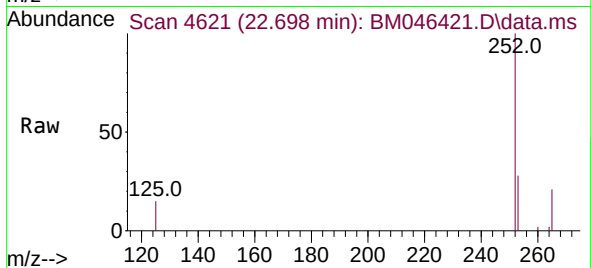
Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6
125	15.5	7.5	11.3

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Supervised By :mohammad ahmed 07/08/2024



#26

Benzo(a)pyrene

Concen: 0.709 ng/ul

RT: 23.204 min Scan# 4794

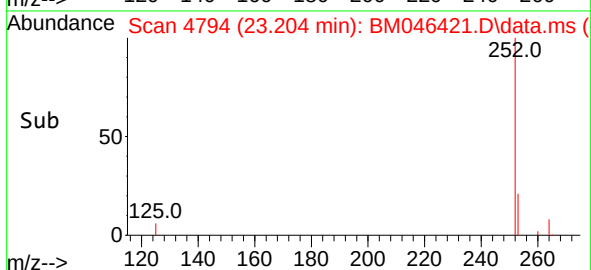
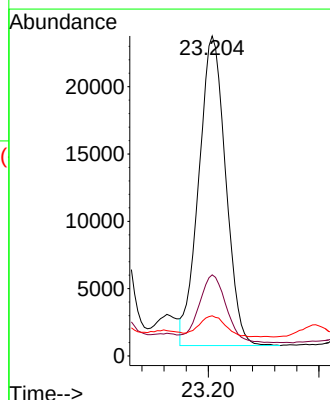
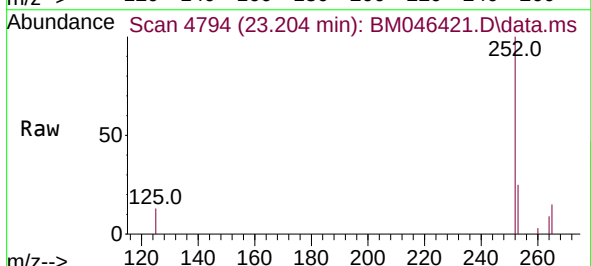
Delta R.T. -0.006 min

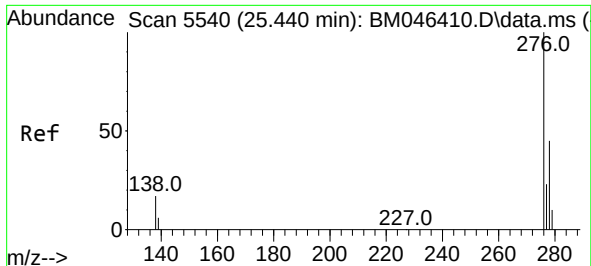
Lab File: BM046421.D

Acq: 06 Jul 2024 16:24

Tgt Ion:252 Resp: 38699

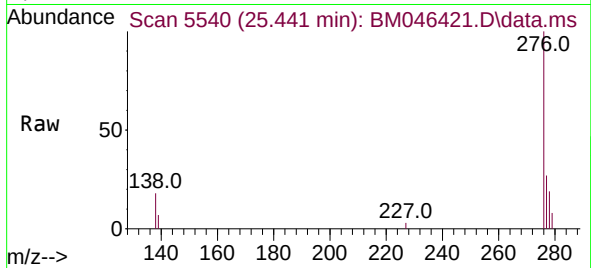
Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	12.5	8.1	12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 25.441 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

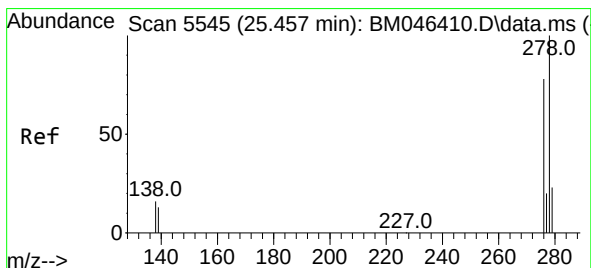
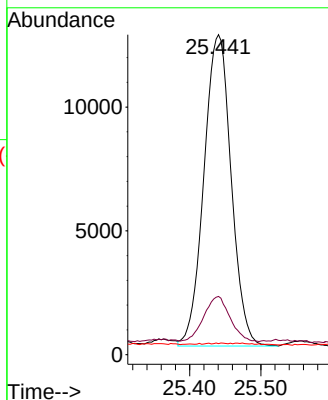
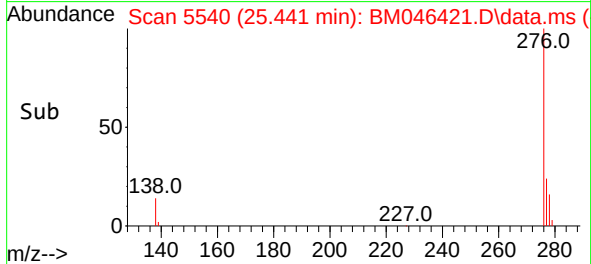
Instrument :
BNA_M
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A4BC5



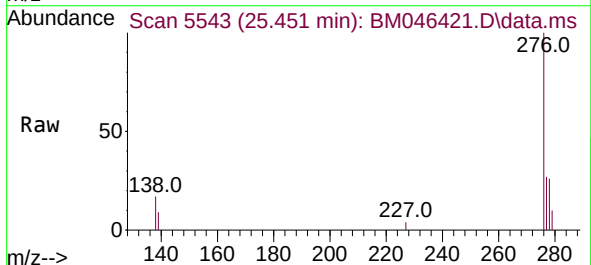
Tgt Ion:276 Resp: 3343
Ion Ratio Lower Upper
276 100
138 13.9 15.7 23.5#
227 0.1 0.1 0.1#

Manual Integrations
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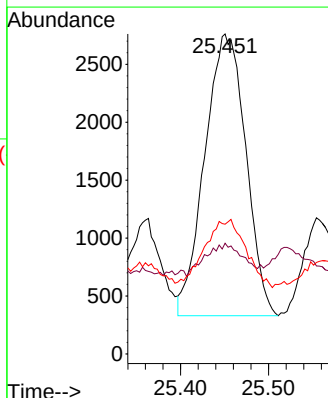
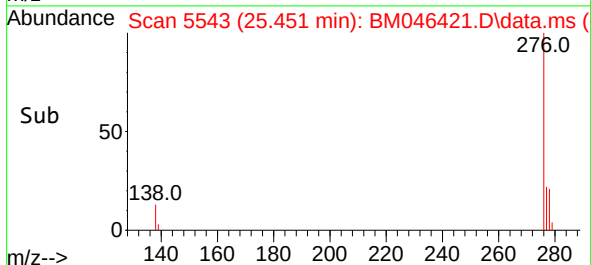
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

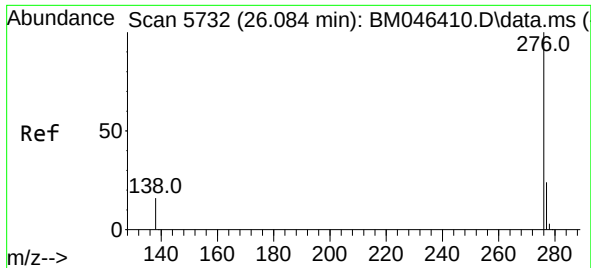


#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 25.451 min Scan# 5543
Delta R.T. -0.023 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24



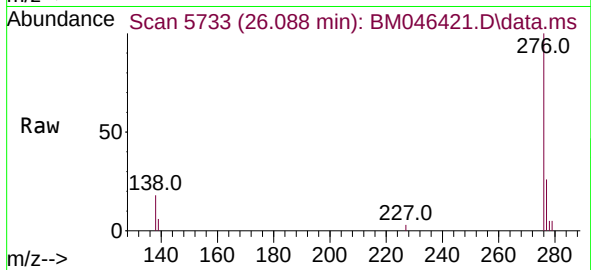
Tgt Ion:278 Resp: 7874
Ion Ratio Lower Upper
278 100
139 34.6 12.6 18.8#
279 40.6 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.567 ng/ul
RT: 26.088 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5



Tgt Ion:276 Resp: 33290
Ion Ratio Lower Upper
276 100
138 17.8 15.4 23.0
277 26.3 19.7 29.5

Manual Integrations
APPROVED

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