

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045884.D
 Acq On : 07 Jun 2024 16:08
 Operator : MA/JU
 Sample : P2586-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D21

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 16:48:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 17:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6460	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	21856	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.109	164	12098	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.854	188	25397m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.049	240	16183m	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264	19445m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	31221	4.243	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.833	152	8883	0.283	ng/ul	-0.02
18) Fluoranthene-d10	18.886	212	18051m	0.372	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.282	128	44209	0.774	ng/ul	100
7) 2-Methylnaphthalene	11.910	142	37141	1.020	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	39272	0.992	ng/ul	99
10) Acenaphthylene	13.831	152	52925	0.962	ng/ul	99
11) Acenaphthene	14.174	153	16797	0.415	ng/ul	99
12) Fluorene	15.164	166	22462	0.497	ng/ul#	96
14) Pentachlorophenol	16.533	266	172	0.036	ng/ul	94
15) Phenanthrene	16.892	178	564599m	7.918	ng/ul	
16) Anthracene	16.985	178	101698m	1.672	ng/ul	
19) Fluoranthene	18.914	202	1127143m	17.467	ng/ul	
20) Pyrene	19.281	202	943736m	14.019	ng/ul	
21) Benzo(a)anthracene	21.032	228	480917m	8.096	ng/ul	
22) Chrysene	21.084	228	553443m	8.558	ng/ul	
24) Benzo(b)fluoranthene	22.537	252	680960m	10.558	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	254973m	3.598	ng/ul	
26) Benzo(a)pyrene	23.069	252	453994	7.078	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.225	276	336674	4.059	ng/ul	92
28) Dibenzo(a,h)anthracene	25.232	278	85845	1.295	ng/ul	98
29) Benzo(g,h,i)perylene	25.859	276	336640	4.706	ng/ul	95

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

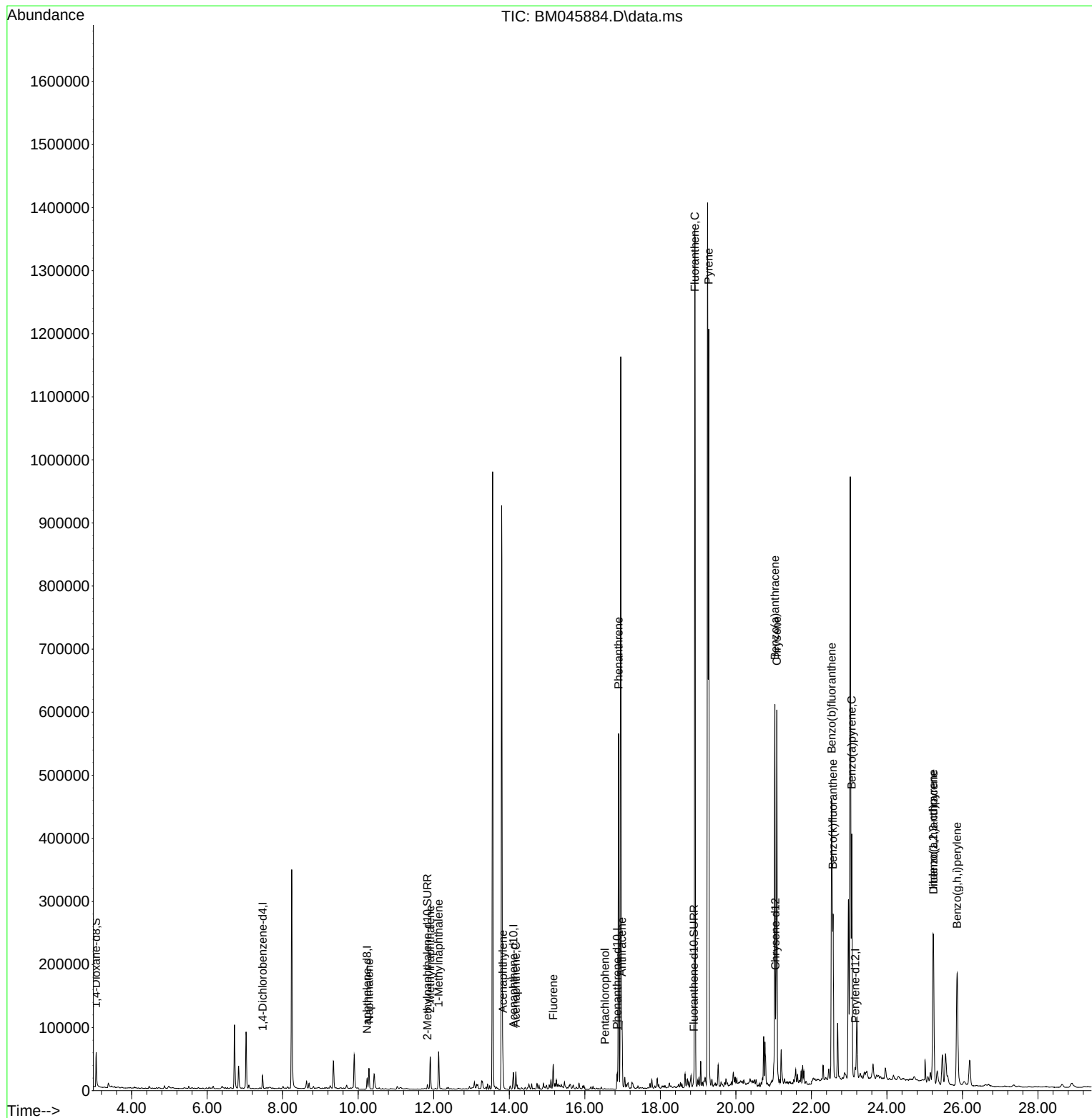
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045884.D
Acq On : 07 Jun 2024 16:08
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ALS Vial : 13 Sample Multiplier: 1

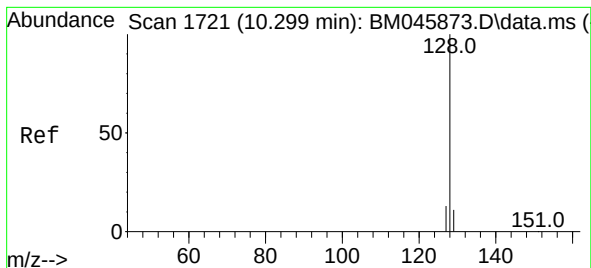
Instrument :
BNA_M
ClientSampleId :
A4D21

Quant Time: Jun 07 16:48:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

Naphthalene

Concen: 0.774 ng/ul

RT: 10.282 min Scan# 1718

Delta R.T. -0.021 min

Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

Instrument :

BNA_M

ClientSampleId :

A4D21

Tgt Ion:128 Resp: 44209

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

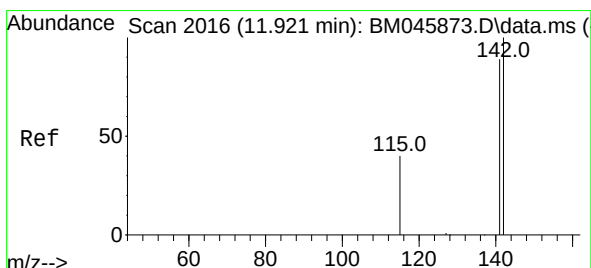
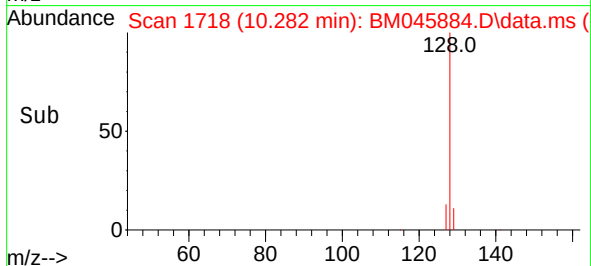
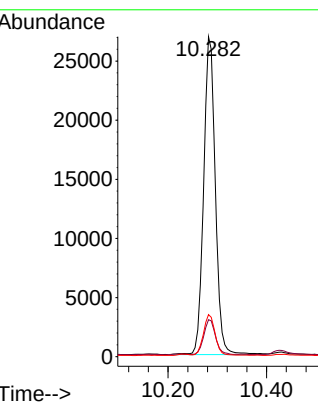
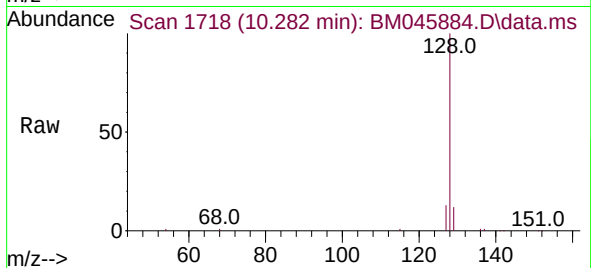
127 13.1 10.6 15.8

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#7

2-Methylnaphthalene

Concen: 1.020 ng/ul

RT: 11.910 min Scan# 2014

Delta R.T. -0.010 min

Lab File: BM045884.D

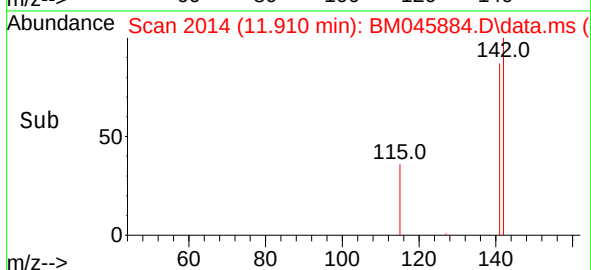
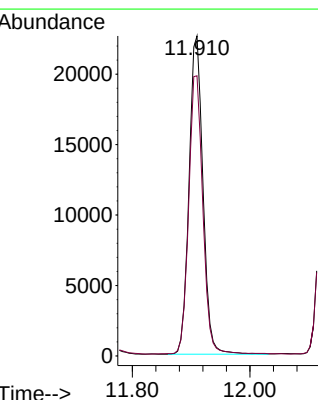
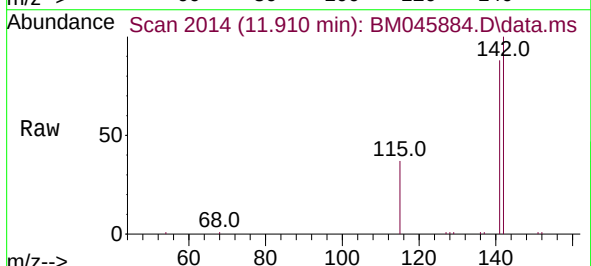
Acq: 07 Jun 2024 16:08

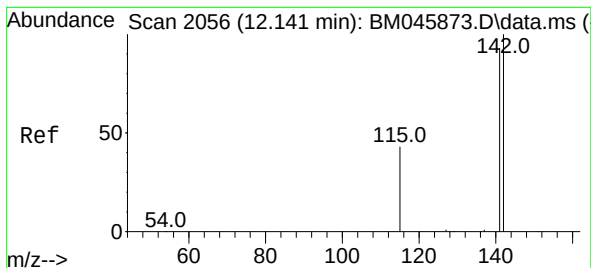
Tgt Ion:142 Resp: 37141

Ion Ratio Lower Upper

142 100

141 89.2 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.992 ng/ul

RT: 12.130 min Scan# 2056

Delta R.T. -0.015 min

Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

Instrument :

BNA_M

ClientSampleId :

A4D21

Tgt Ion:142 Resp: 3927

Ion Ratio Lower Upper

142 100

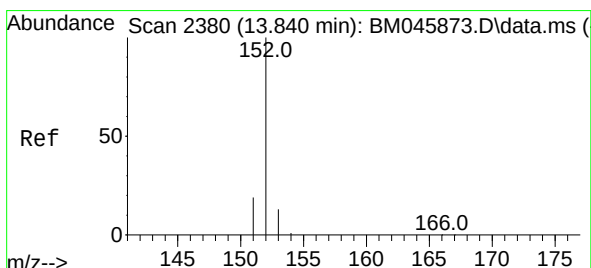
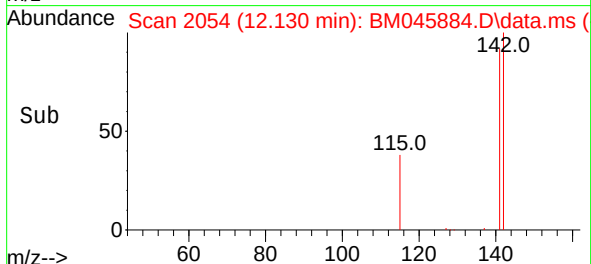
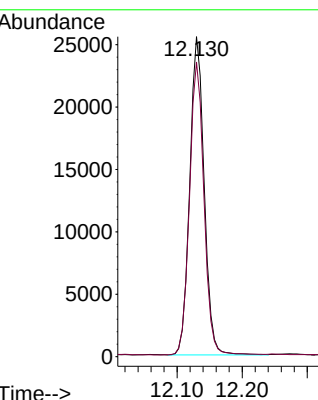
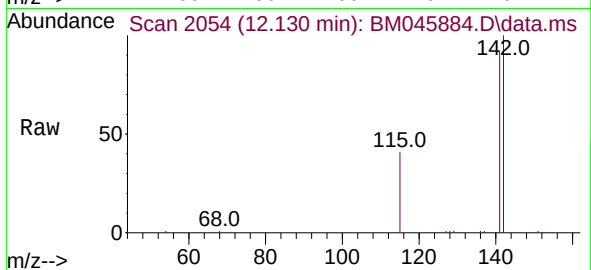
141 92.6 73.5 110.3

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Supervised By :mohammad ahmed 06/13/2024



#10

Acenaphthylene

Concen: 0.962 ng/ul

RT: 13.831 min Scan# 2378

Delta R.T. -0.008 min

Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

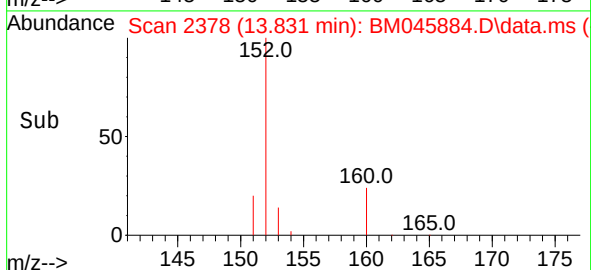
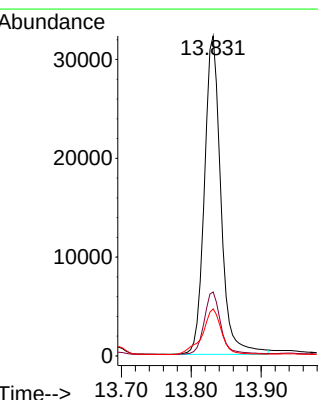
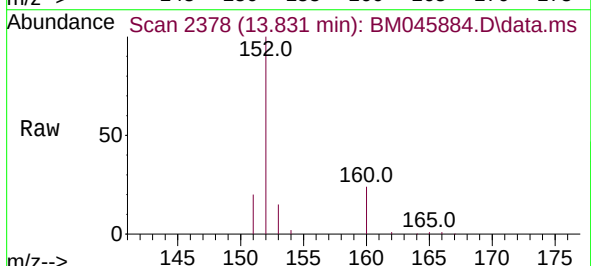
Tgt Ion:152 Resp: 52925

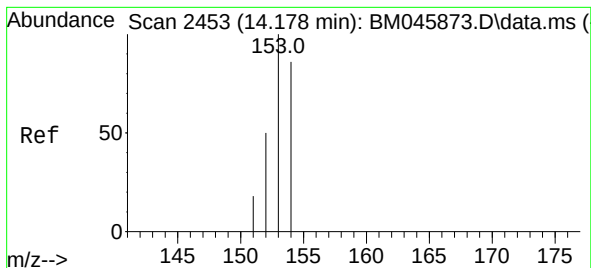
Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 14.7 11.1 16.7





#11

Acenaphthene

Concen: 0.415 ng/ul

RT: 14.174 min Scan# 2453

Delta R.T. -0.008 min

Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

Instrument :

BNA_M

ClientSampleId :

A4D21

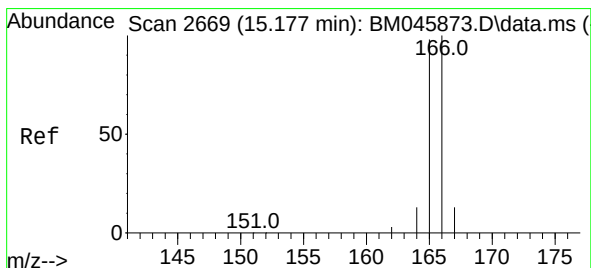
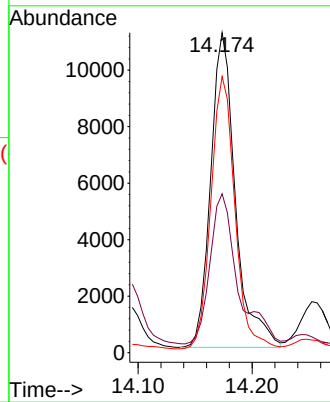
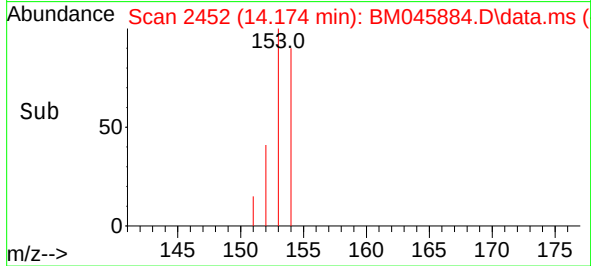
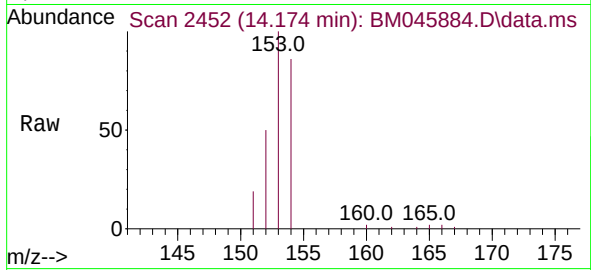
Tgt Ion:153	Resp:	1679
Ion Ratio	Lower	Upper
153	100	
152	49.7	39.0 58.4
154	86.3	69.4 104.2

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#12

Fluorene

Concen: 0.497 ng/ul

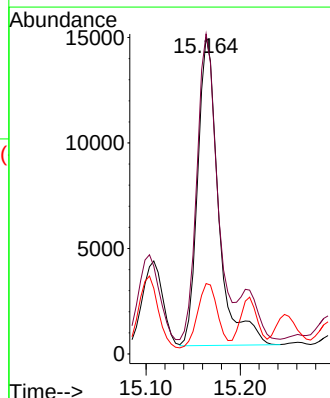
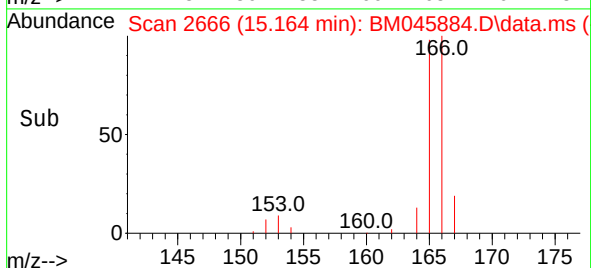
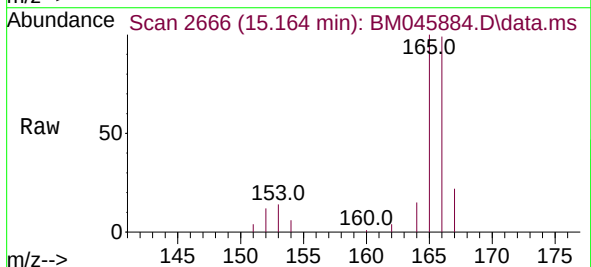
RT: 15.164 min Scan# 2666

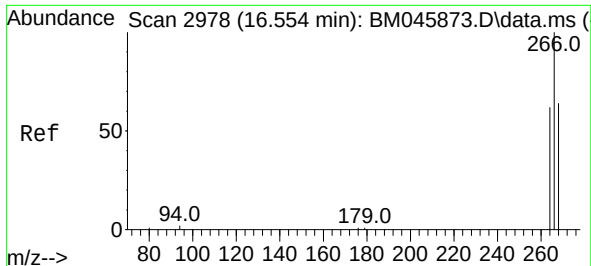
Delta R.T. -0.013 min

Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

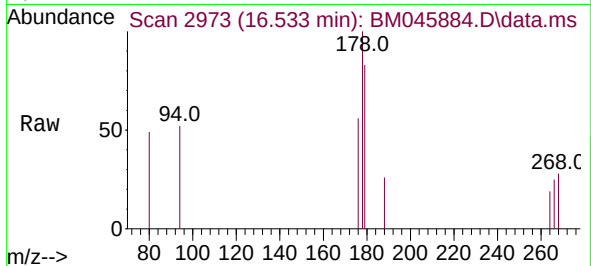
Tgt Ion:166	Resp:	22462
Ion Ratio	Lower	Upper
166	100	
165	100.9	79.7 119.5
167	22.2	11.3 16.9#





#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 16.533 min Scan# 2978
Delta R.T. -0.020 min
Lab File: BM045884.D
Acq: 07 Jun 2024 16:08

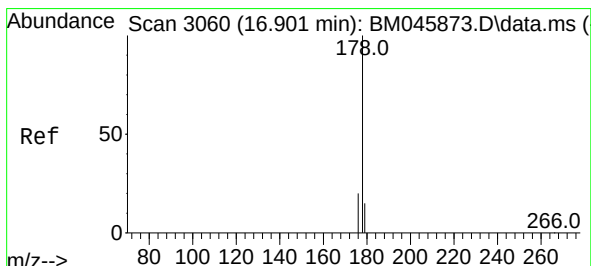
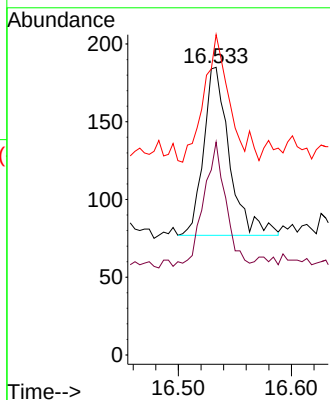
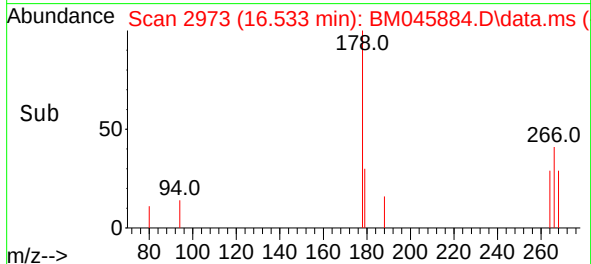
Instrument :
BNA_M
ClientSampleId :
A4D21



Tgt Ion:266 Resp: 172
Ion Ratio Lower Upper
266 100
264 62.8 47.9 71.9
268 69.8 50.9 76.3

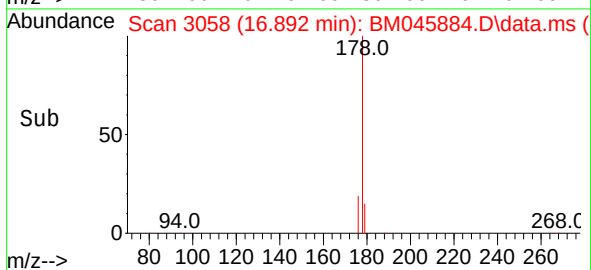
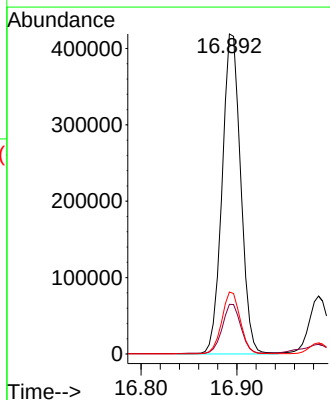
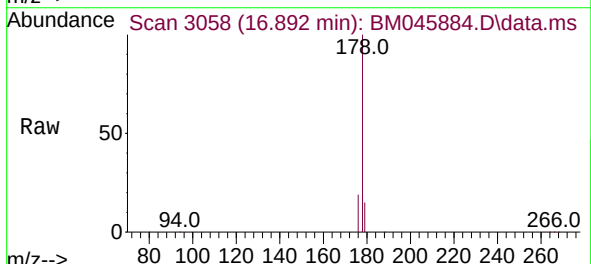
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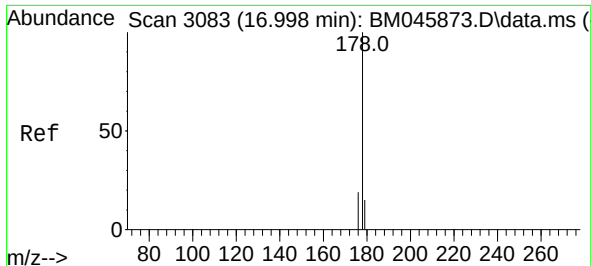
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#15
Phenanthrene
Concen: 7.918 ng/ul m
RT: 16.892 min Scan# 3058
Delta R.T. -0.011 min
Lab File: BM045884.D
Acq: 07 Jun 2024 16:08

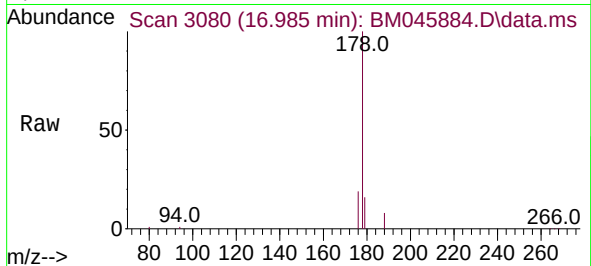
Tgt Ion:178 Resp: 564599
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 1.672 ng/ul m
 RT: 16.985 min Scan# 3080
 Delta R.T. -0.011 min
 Lab File: BM045884.D
 Acq: 07 Jun 2024 16:08

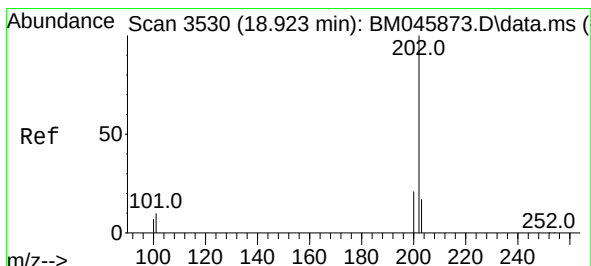
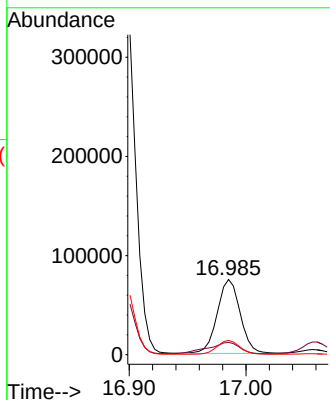
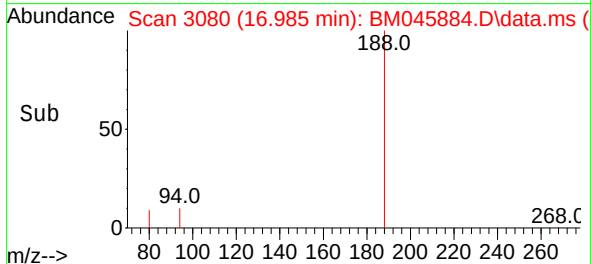
Instrument :
 BNA_M
 ClientSampleId :
 A4D21



Tgt Ion:178 Resp: 101698
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.1 19.7
 176 19.0 15.5 23.3

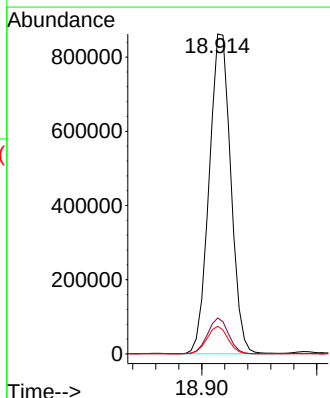
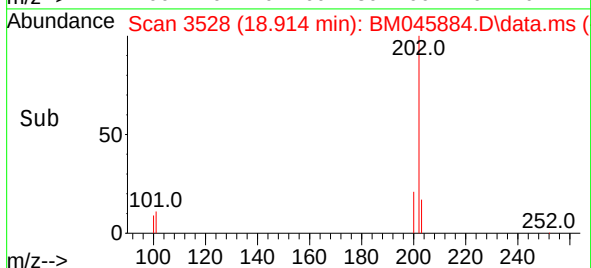
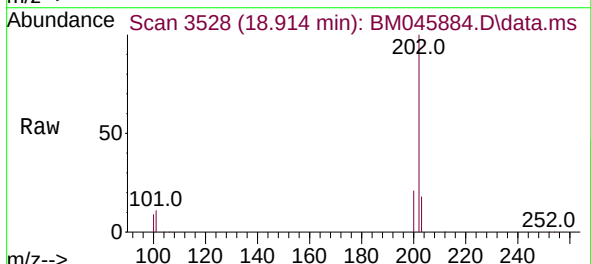
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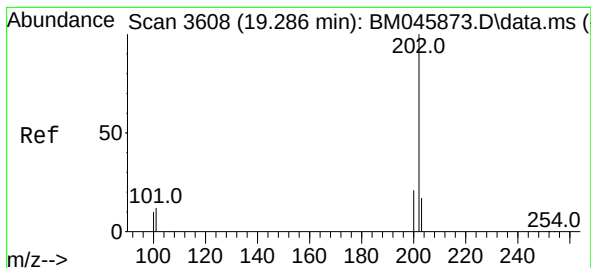
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



#19
 Fluoranthene
 Concen: 17.467 ng/ul m
 RT: 18.914 min Scan# 3528
 Delta R.T. -0.008 min
 Lab File: BM045884.D
 Acq: 07 Jun 2024 16:08

Tgt Ion:202 Resp: 1127143
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.0 13.6
 100 8.6 7.0 10.6





#20

Pyrene

Concen: 14.019 ng/ul m

RT: 19.281 min Scan# 3

Delta R.T. -0.003 min

Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

Instrument :

BNA_M

ClientSampleId :

A4D21

Tgt Ion:202 Resp: 943730

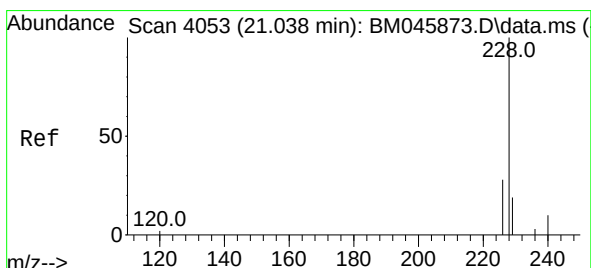
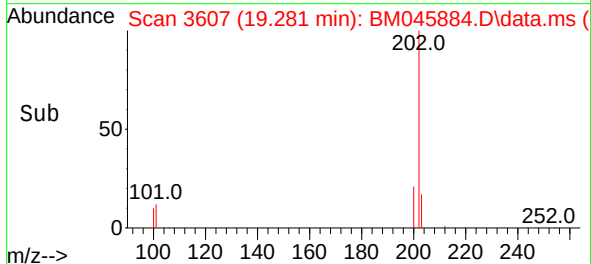
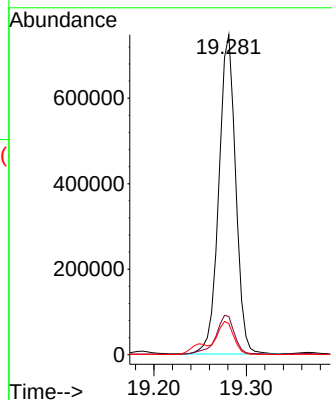
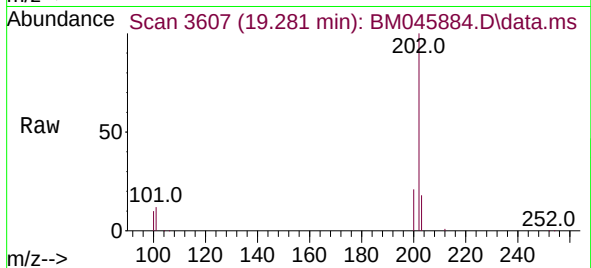
Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	16.0
100	9.7	9.1	13.7

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Supervised By :mohammad ahmed 06/13/2024



#21

Benzo(a)anthracene

Concen: 8.096 ng/ul m

RT: 21.032 min Scan# 4051

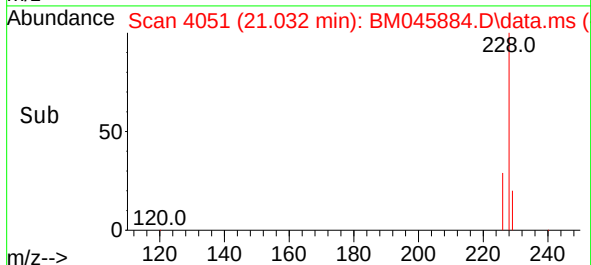
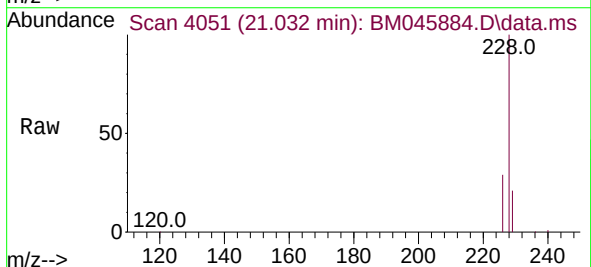
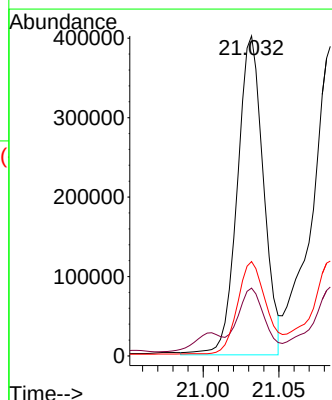
Delta R.T. -0.003 min

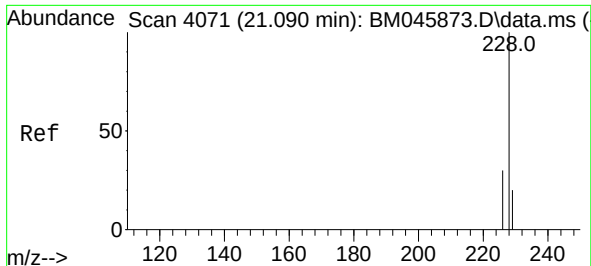
Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

Tgt Ion:228 Resp: 480917

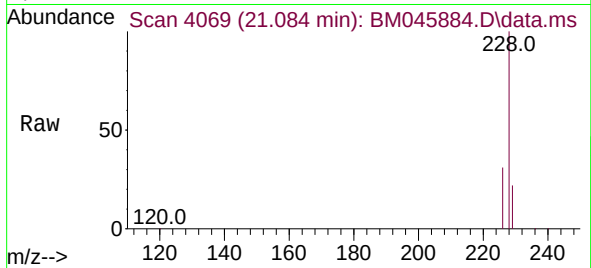
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	29.5	22.0	33.0





#22
Chrysene
Concen: 8.558 ng/ul m
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045884.D
Acq: 07 Jun 2024 16:08

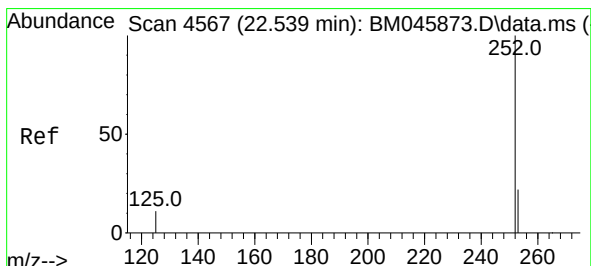
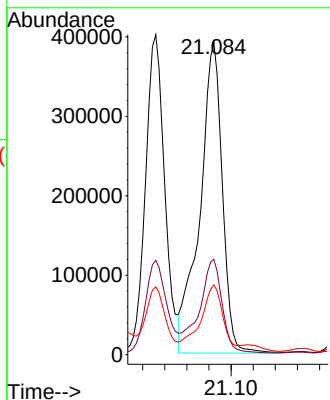
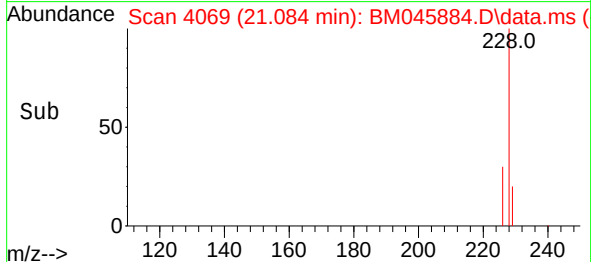
Instrument :
BNA_M
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A4D21



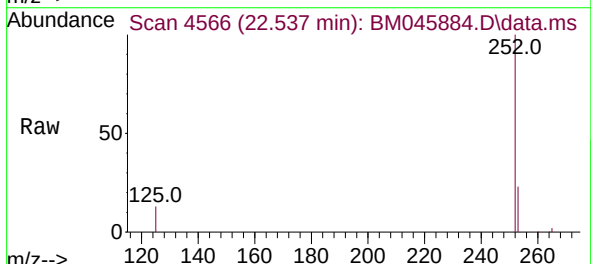
Tgt Ion:228 Resp: 55344
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 22.3 16.2 24.2

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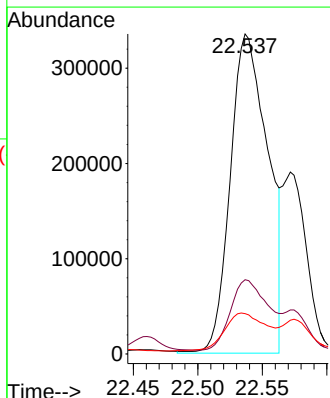
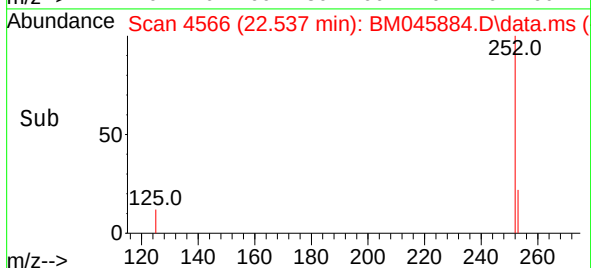
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

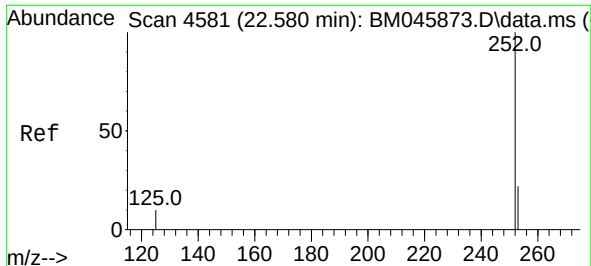


#24
Benzo(b)fluoranthene
Concen: 10.558 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.000 min
Lab File: BM045884.D
Acq: 07 Jun 2024 16:08



Tgt Ion:252 Resp: 680960
Ion Ratio Lower Upper
252 100
253 23.2 0.0 63.6
125 12.6 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 3.598 ng/ul m

RT: 22.572 min Scan# 4578

Delta R.T. -0.009 min

Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

Instrument :

BNA_M

ClientSampleId :

A4D21

Tgt Ion:252 Resp: 254973

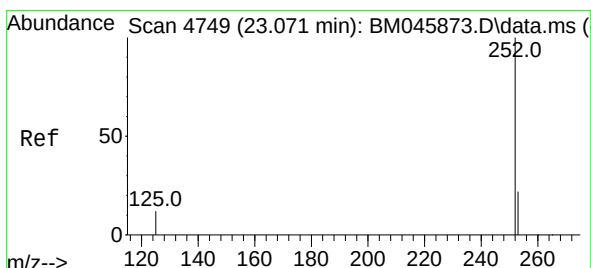
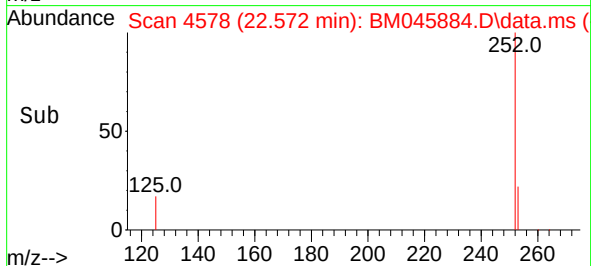
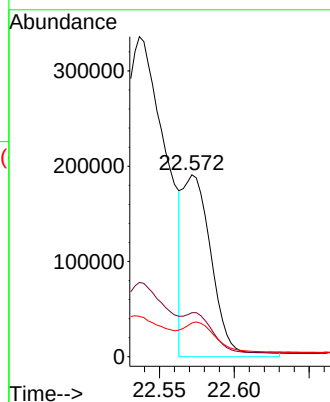
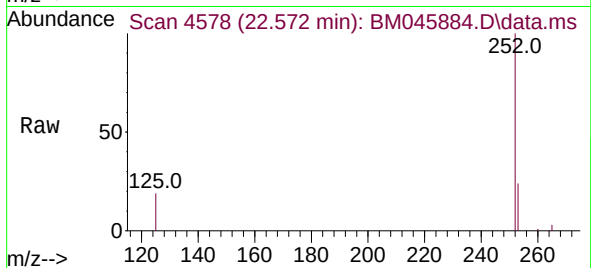
Ion	Ratio	Lower	Upper
252	100		
253	24.2	25.0	37.6
125	18.6	14.2	21.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#26

Benzo(a)pyrene

Concen: 7.078 ng/ul

RT: 23.069 min Scan# 4748

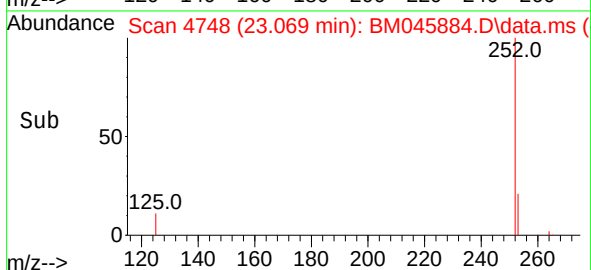
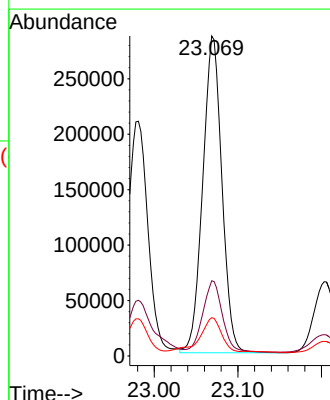
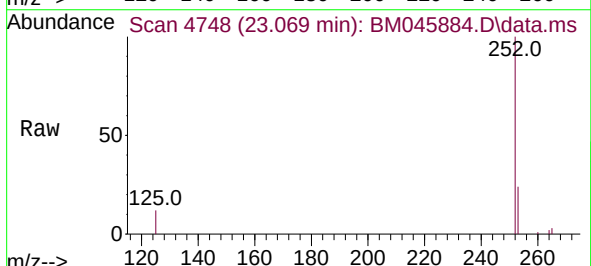
Delta R.T. -0.003 min

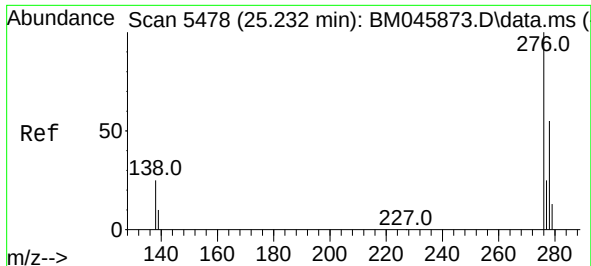
Lab File: BM045884.D

Acq: 07 Jun 2024 16:08

Tgt Ion:252 Resp: 453994

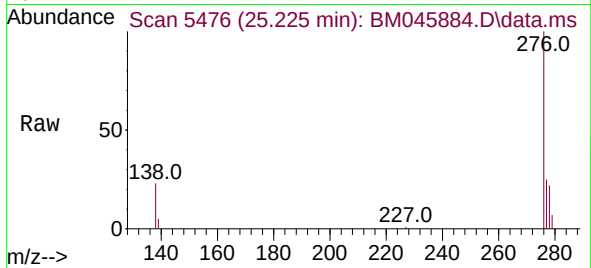
Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.8	43.2
125	11.9	17.3	25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.059 ng/ul
RT: 25.225 min Scan# 5476
Delta R.T. -0.007 min
Lab File: BM045884.D
Acq: 07 Jun 2024 16:08

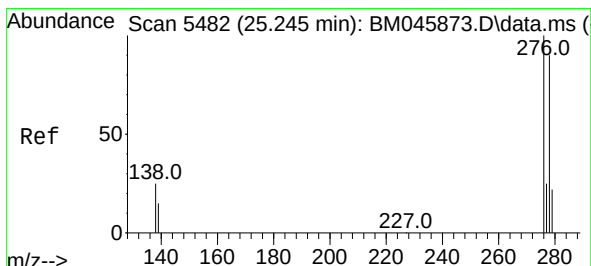
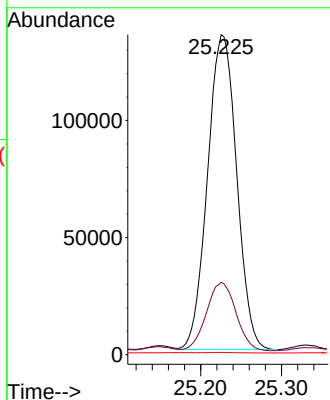
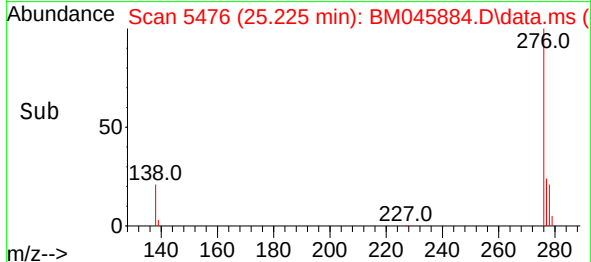
Instrument :
BNA_M
ClientSampleId :
A4D21



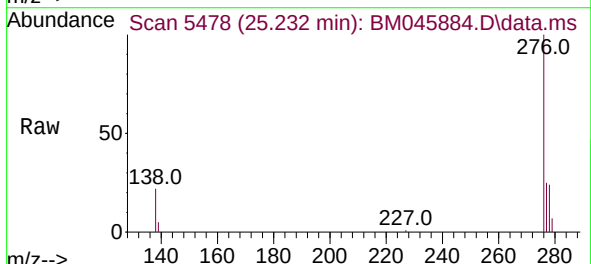
Tgt Ion:276 Resp: 336674
Ion Ratio Lower Upper
276 100
138 22.0 20.7 31.1
227 0.2 0.2 0.2

Manual Integrations
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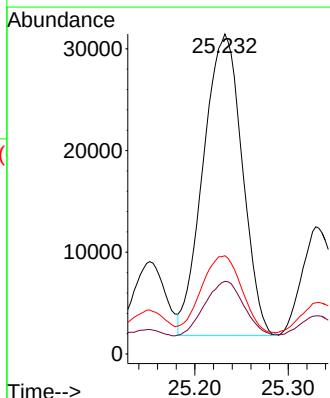
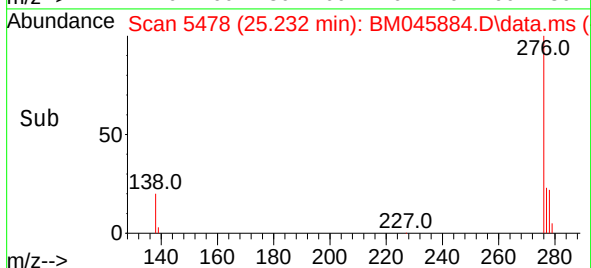
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

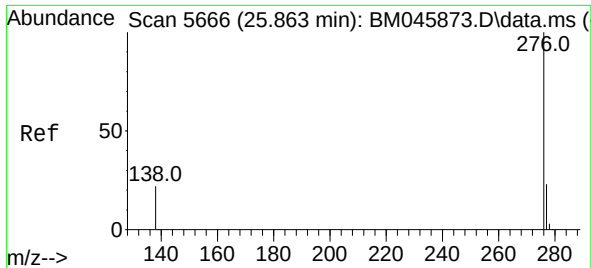


#28
Dibenzo(a,h)anthracene
Concen: 1.295 ng/ul
RT: 25.232 min Scan# 5478
Delta R.T. -0.017 min
Lab File: BM045884.D
Acq: 07 Jun 2024 16:08



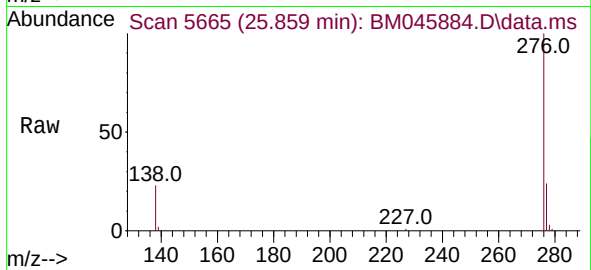
Tgt Ion:278 Resp: 85845
Ion Ratio Lower Upper
278 100
139 22.7 16.6 25.0
279 30.7 24.6 37.0





#29
Benzo(g,h,i)perylene
Concen: 4.706 ng/ul
RT: 25.859 min Scan# 50
Delta R.T. -0.003 min
Lab File: BM045884.D
Acq: 07 Jun 2024 16:08

Instrument :
BNA_M
ClientSampleId :
A4D21



Tgt Ion:276 Resp: 336640
Ion Ratio Lower Upper
276 100
138 22.6 21.0 31.4
277 24.3 20.5 30.7

Manual Integrations
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

