

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045880.D
 Acq On : 07 Jun 2024 13:42
 Operator : MA/JU
 Sample : P2586-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 14:14:50 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

06/08/2024
 Supervised By :mohammad
 ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	7384	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	24842	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	12924	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	27784m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	16783m	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	21094m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	36723	4.366	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	9857	0.276	ng/ul	-0.01
18) Fluoranthene-d10	18.884	212	19809m	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	53916	0.830	ng/ul	99
7) 2-Methylnaphthalene	11.914	142	19886	0.480	ng/ul	100
8) 1-Methylnaphthalene	12.134	142	15612	0.347	ng/ul	100
10) Acenaphthylene	13.830	152	78432	1.334	ng/ul	98
11) Acenaphthene	14.172	153	27841	0.645	ng/ul	100
12) Fluorene	15.167	166	38487	0.797	ng/ul	98
14) Pentachlorophenol	16.532	266	545	0.105	ng/ul	98
15) Phenanthrene	16.895	178	820111m	10.513	ng/ul	
16) Anthracene	16.984	178	150718m	2.265	ng/ul	
19) Fluoranthene	18.917	202	1611036m	24.073	ng/ul	
20) Pyrene	19.279	202	1312148m	18.795	ng/ul	
21) Benzo(a)anthracene	21.029	228	701865m	11.393	ng/ul	
22) Chrysene	21.082	228	786853m	11.732	ng/ul	
24) Benzo(b)fluoranthene	22.537	252	969883m	13.863	ng/ul	
25) Benzo(k)fluoranthene	22.575	252	376961m	4.903	ng/ul	
26) Benzo(a)pyrene	23.069	252	449020m	6.453	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.229	276	407845m	4.533	ng/ul	
28) Dibenzo(a,h)anthracene	25.232	278	124696m	1.734	ng/ul	
29) Benzo(g,h,i)perylene	25.860	276	67055m	0.864	ng/ul	

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

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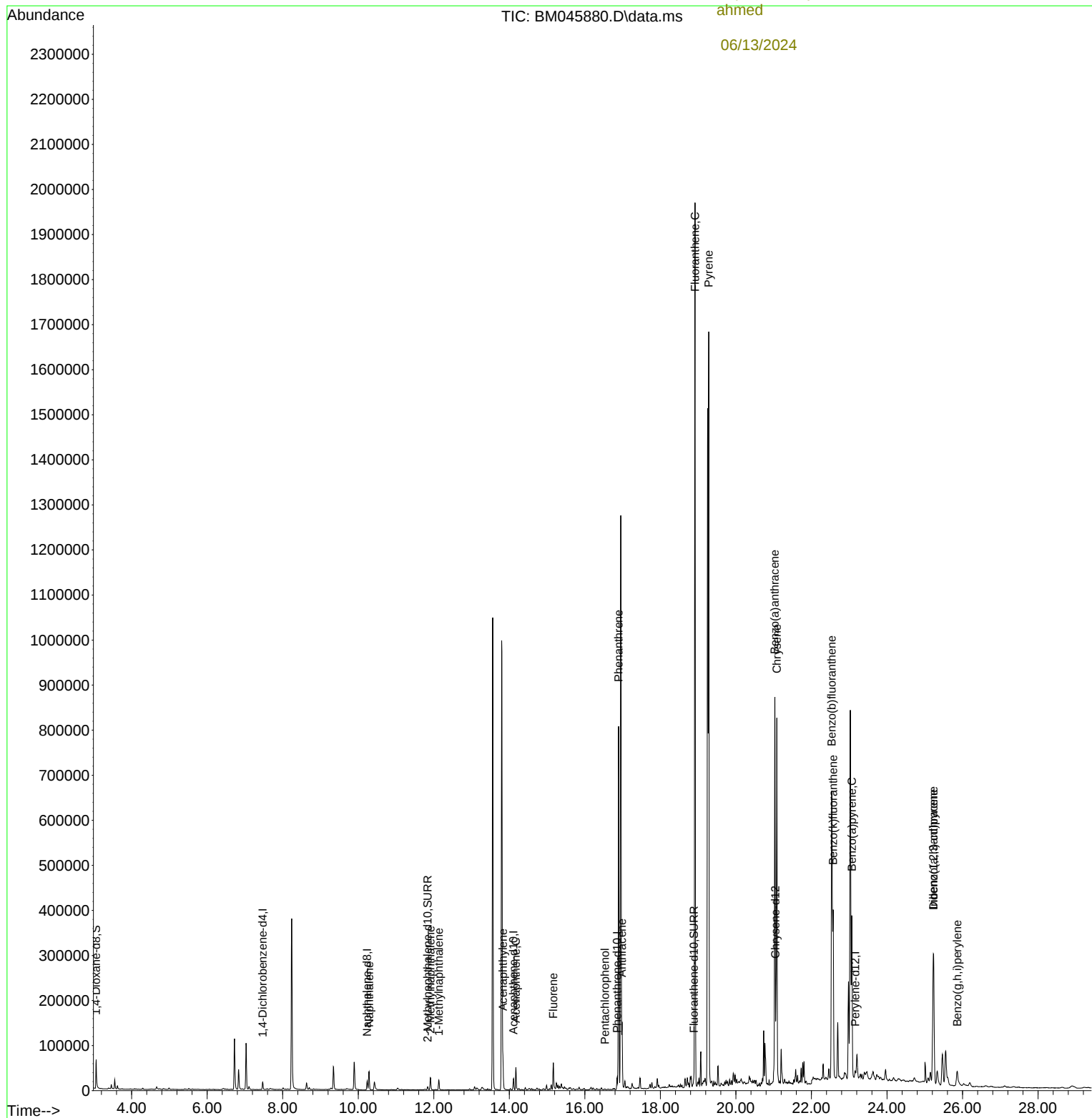
Quant Time: Jun 07 14:14:50 2024
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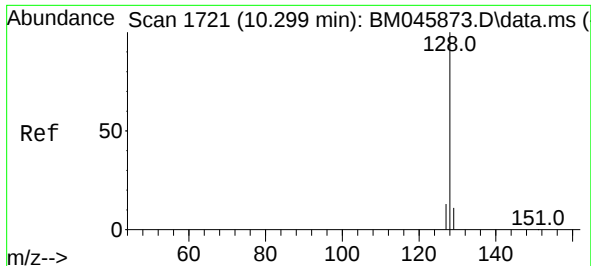
Manual Integrations
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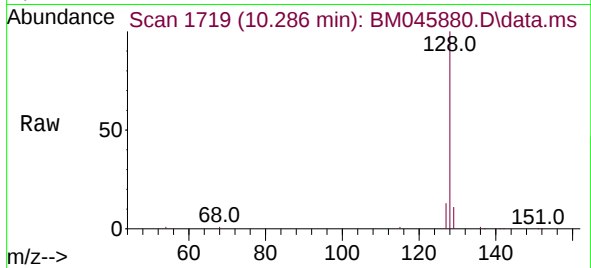
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#5
Naphthalene
Concen: 0.830 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

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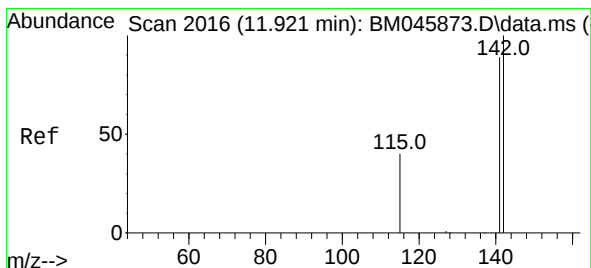
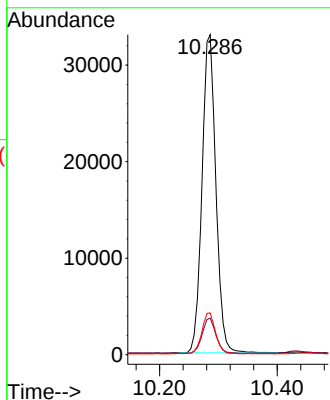
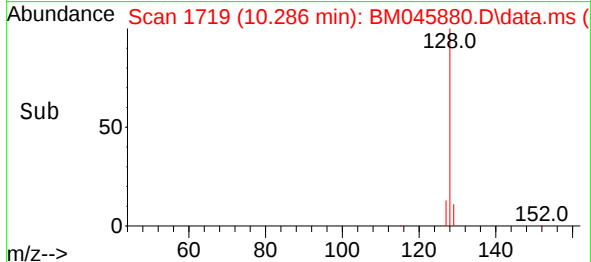
Tgt Ion:128 Resp: 53910
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.0 10.6 15.8

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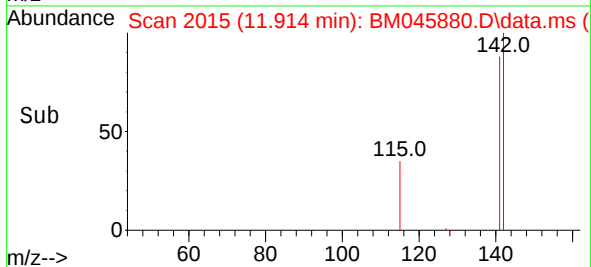
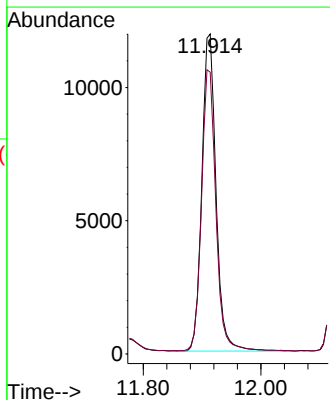
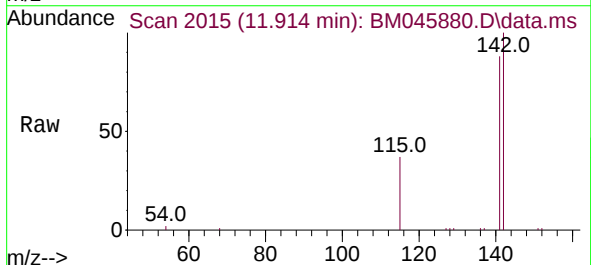
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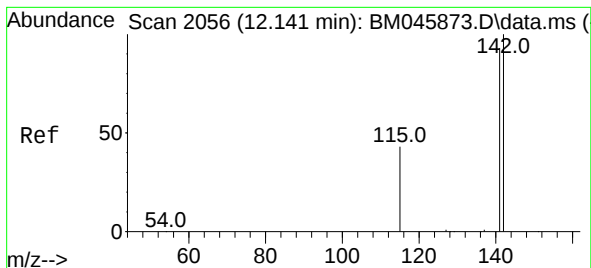
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#7
2-Methylnaphthalene
Concen: 0.480 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

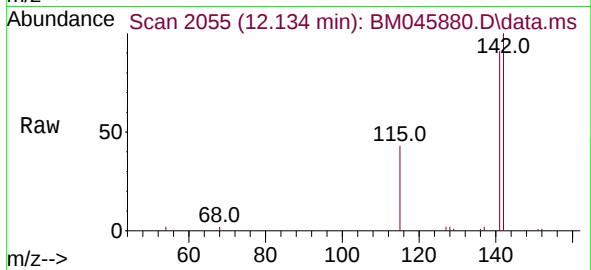
Tgt Ion:142 Resp: 19886
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.134 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

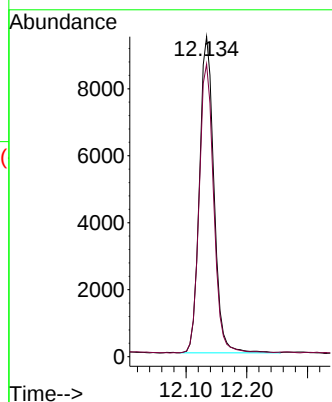
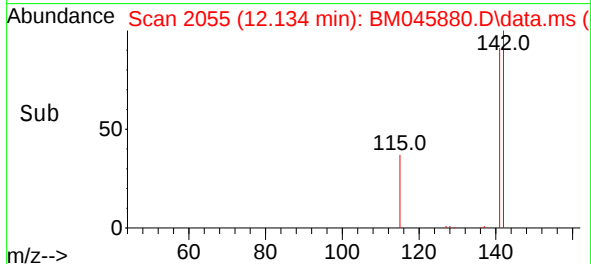
Instrument :
BNA_M
ClientSampleId :
A4D18



Tgt Ion:142 Resp: 15612
Ion Ratio Lower Upper
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141 92.2 73.5 110.3

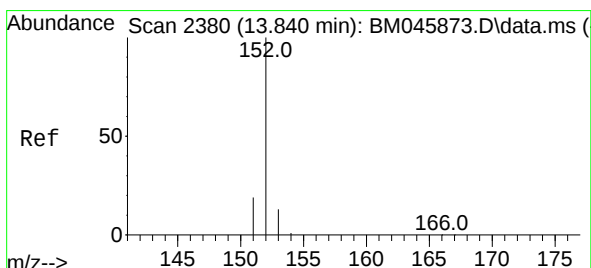
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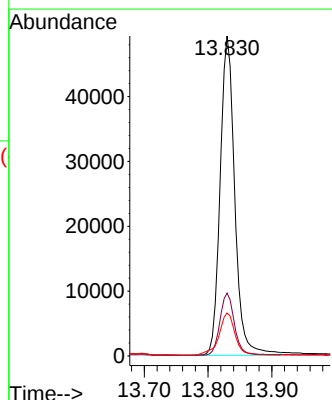
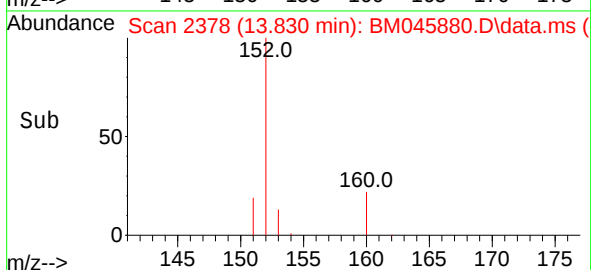
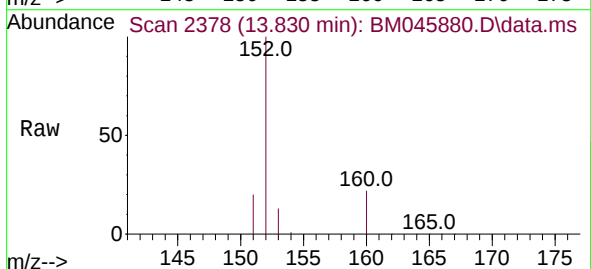
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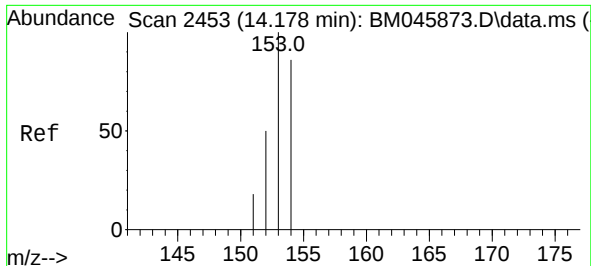
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#10
Acenaphthylene
Concen: 1.334 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

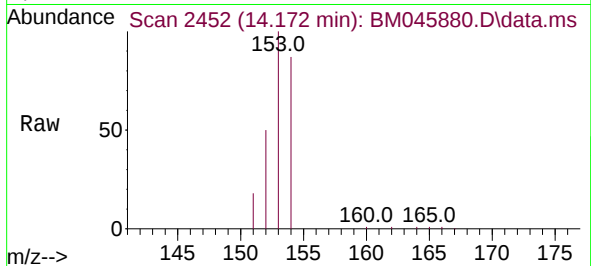
Tgt Ion:152 Resp: 78432
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.4 11.1 16.7





#11
Acenaphthene
Concen: 0.645 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

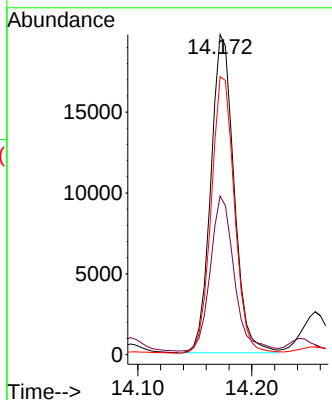
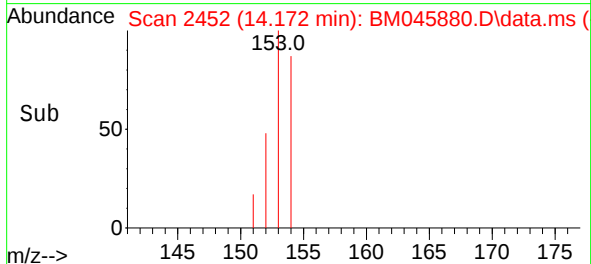
Instrument :
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Tgt Ion:153 Resp: 2784
Ion Ratio Lower Upper
153 100
152 49.6 39.0 58.4
154 86.9 69.4 104.2

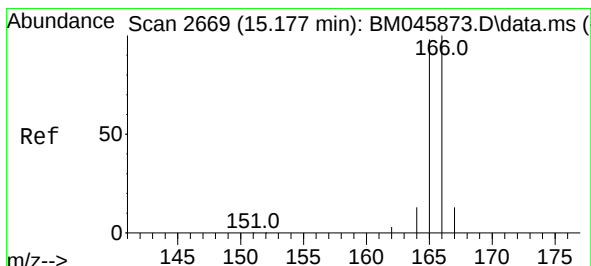
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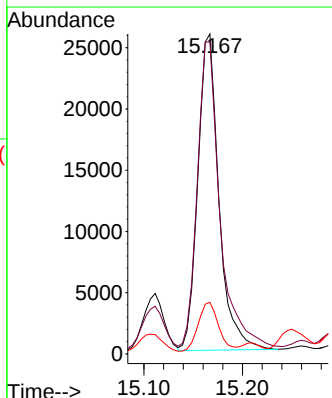
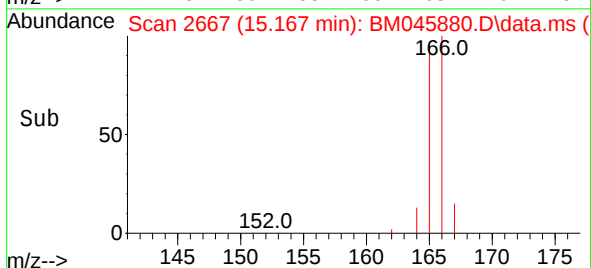
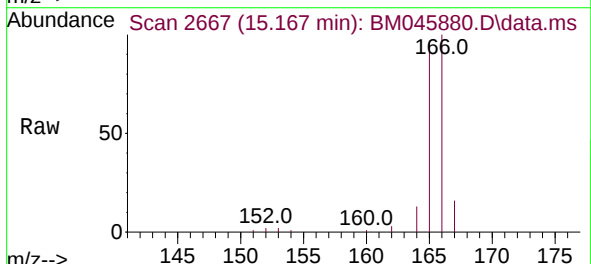
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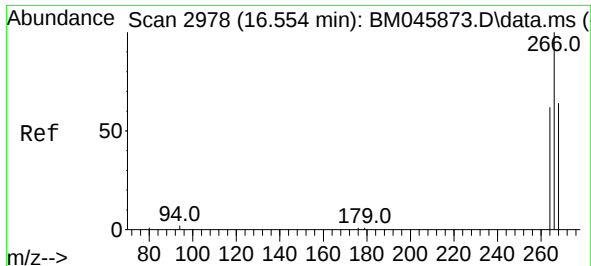
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#12
Fluorene
Concen: 0.797 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

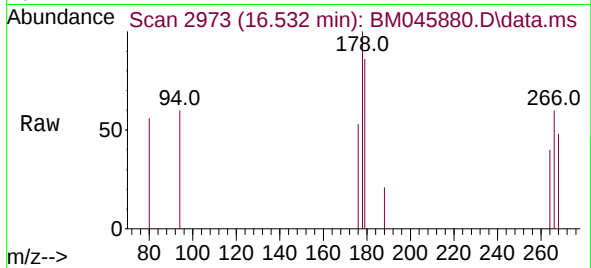
Tgt Ion:166 Resp: 38487
Ion Ratio Lower Upper
166 100
165 97.5 79.7 119.5
167 16.1 11.3 16.9





#14
Pentachlorophenol
Concen: 0.105 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.021 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

Instrument :
BNA_M
ClientSampleId :
A4D18



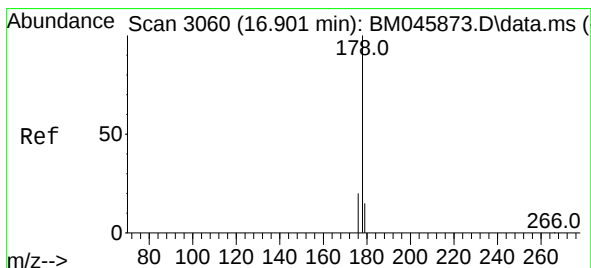
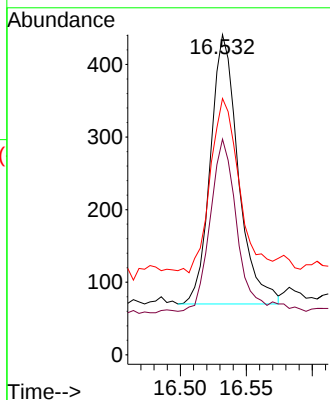
Tgt Ion:266 Resp: 549
Ion Ratio Lower Upper
266 100
264 61.8 47.9 71.9
268 64.8 50.9 76.3

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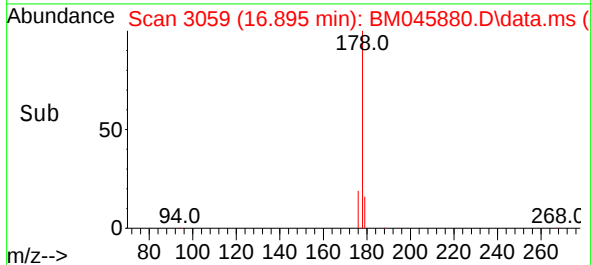
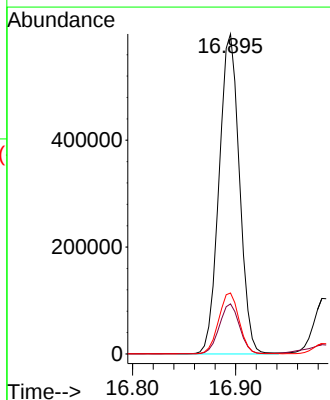
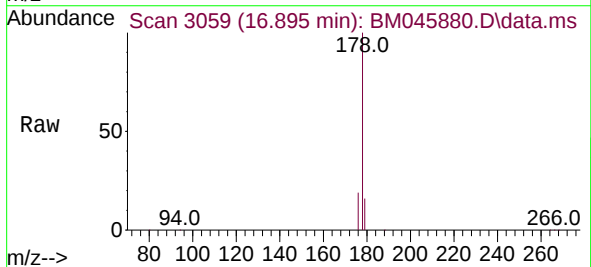
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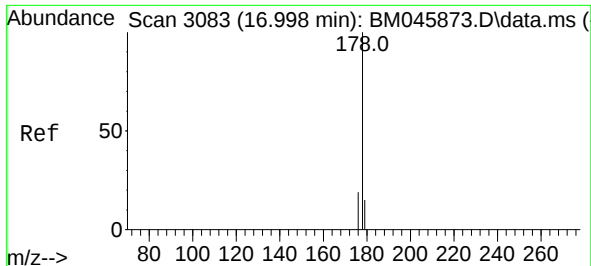
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#15
Phenanthrene
Concen: 10.513 ng/ul m
RT: 16.895 min Scan# 3059
Delta R.T. -0.009 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

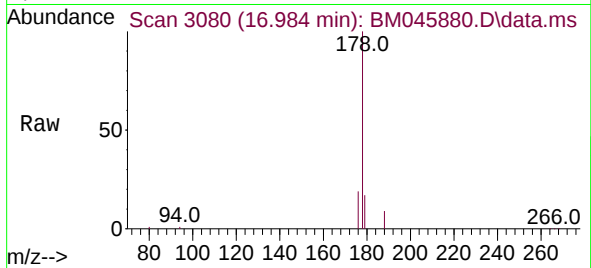
Tgt Ion:178 Resp: 820111
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 2.265 ng/ul m
 RT: 16.984 min Scan# 3080
 Delta R.T. -0.013 min
 Lab File: BM045880.D
 Acq: 07 Jun 2024 13:42

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 A4D18



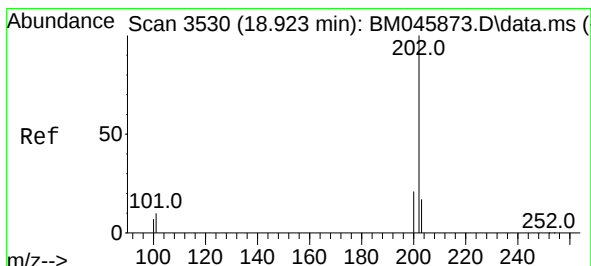
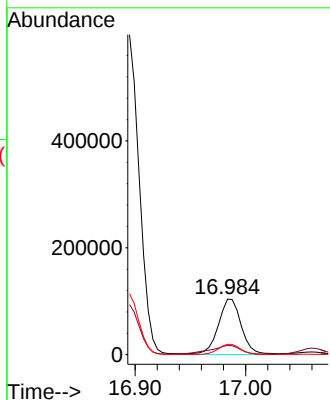
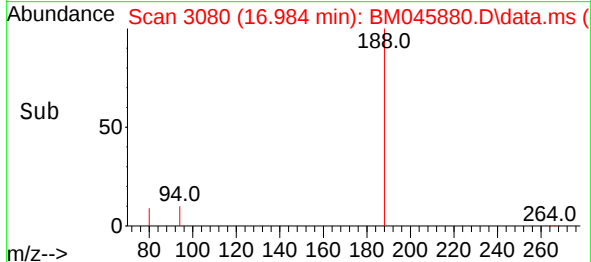
Tgt Ion:178 Resp: 150718
 Ion Ratio Lower Upper
 178 100
 179 16.8 13.1 19.7
 176 18.9 15.5 23.3

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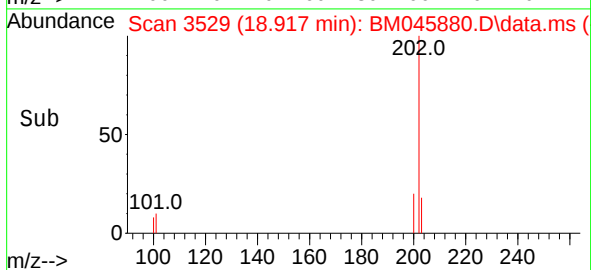
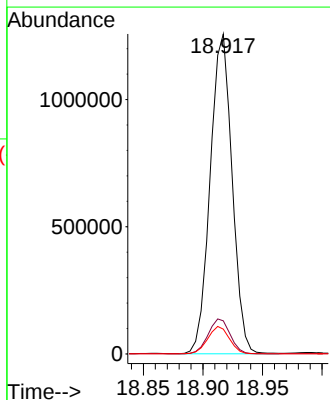
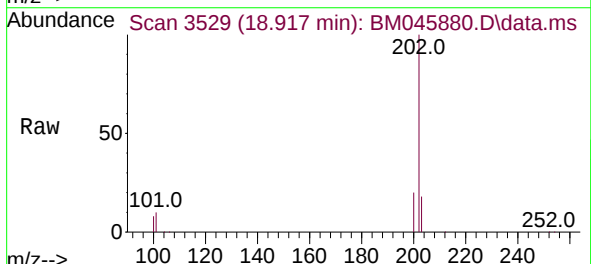
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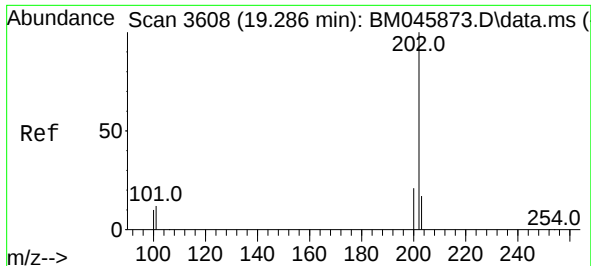
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#19
 Fluoranthene
 Concen: 24.073 ng/ul m
 RT: 18.917 min Scan# 3529
 Delta R.T. -0.005 min
 Lab File: BM045880.D
 Acq: 07 Jun 2024 13:42

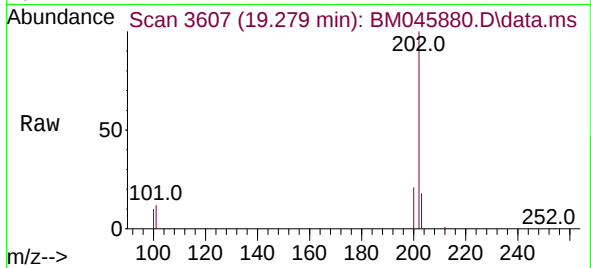
Tgt Ion:202 Resp: 1611036
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.0 13.6
 100 7.8 7.0 10.6





#20
Pyrene
Concen: 18.795 ng/ul m
RT: 19.279 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM045880.D
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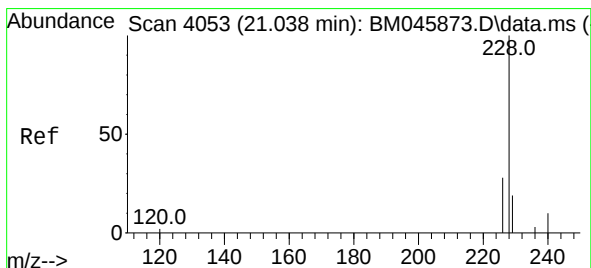
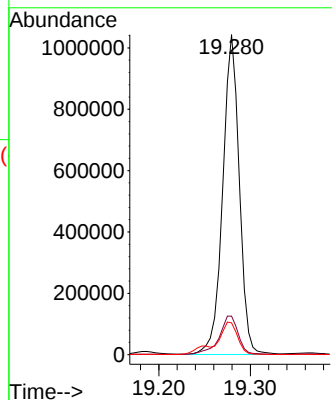
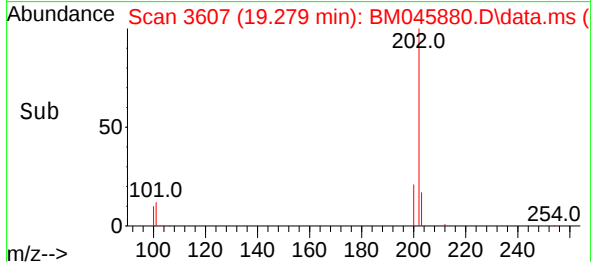
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Ion Ratio Lower Upper
202 100
101 12.1 10.6 16.0
100 9.9 9.1 13.7

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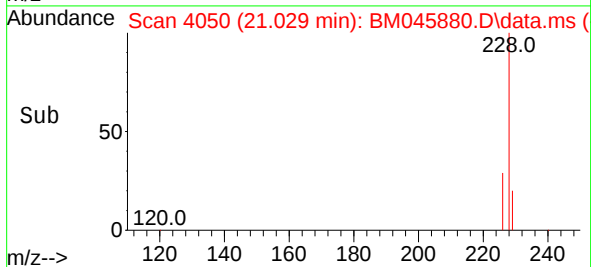
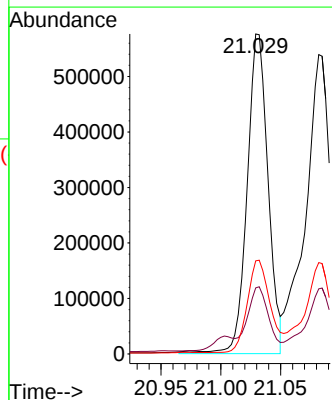
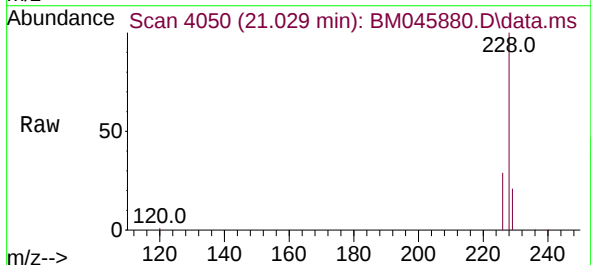
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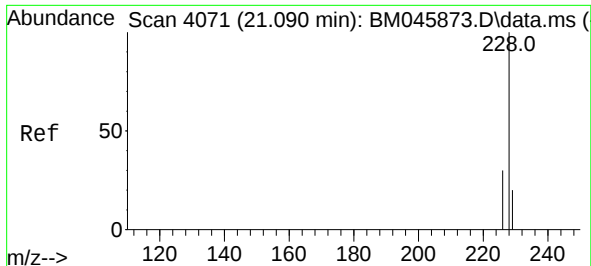
06/13/2024



#21
Benzo(a)anthracene
Concen: 11.393 ng/ul m
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

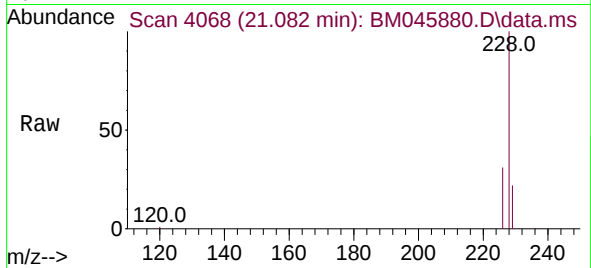
Tgt Ion:228 Resp: 701865
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 29.1 22.0 33.0





#22
Chrysene
Concen: 11.732 ng/ul m
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

Instrument :
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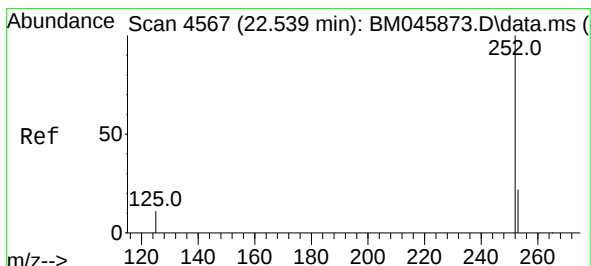
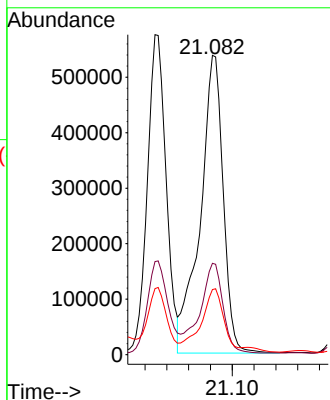
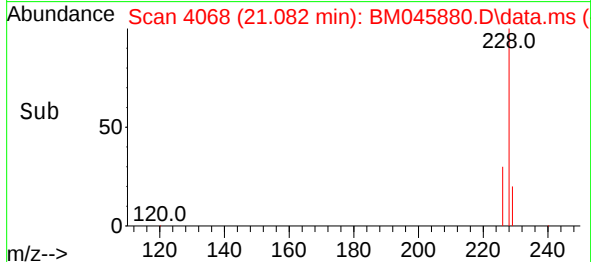
Tgt Ion:228 Resp: 78685
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.7 16.2 24.2

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Supervised By :mohammad ahmed 06/13/2024

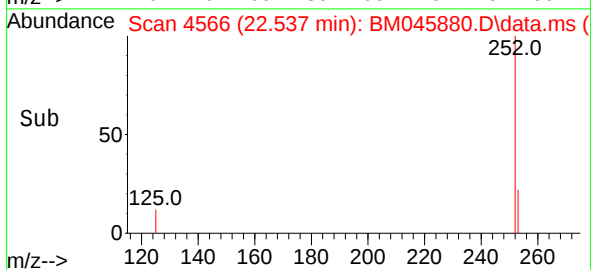
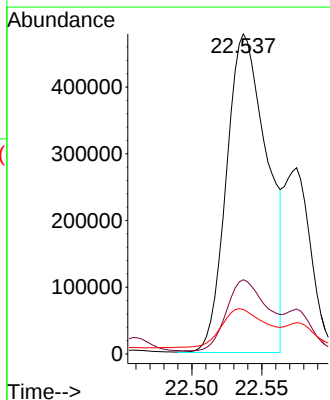
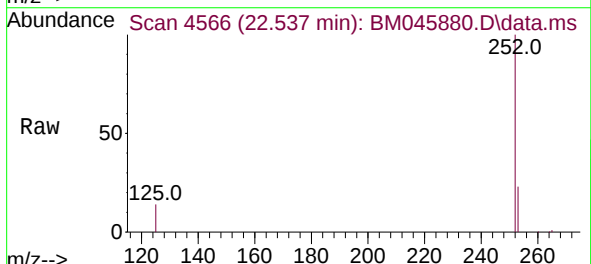
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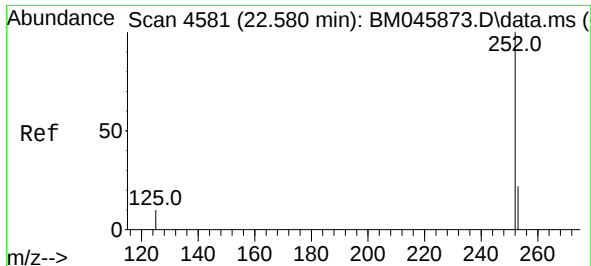
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#24
Benzo(b)fluoranthene
Concen: 13.863 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.000 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

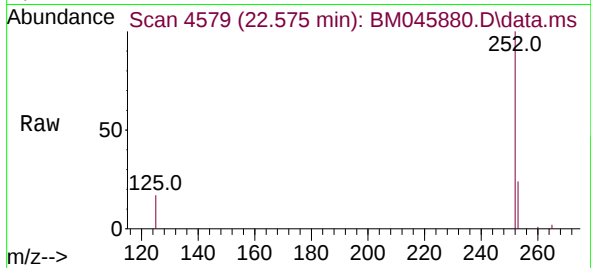
Tgt Ion:252 Resp: 969883
Ion Ratio Lower Upper
252 100
253 23.2 0.0 63.6
125 13.9 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 4.903 ng/ul m
RT: 22.575 min Scan# 4581
Delta R.T. -0.006 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

Instrument :
BNA_M
ClientSampleId :
A4D18



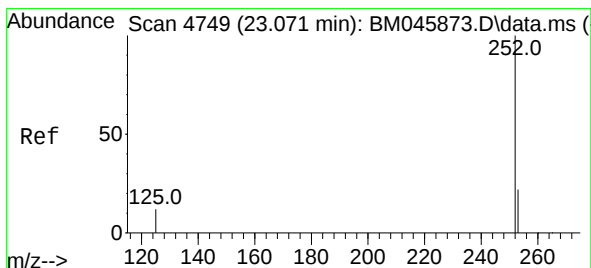
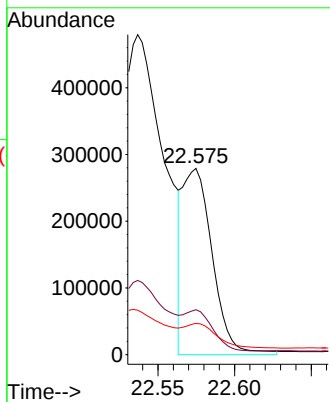
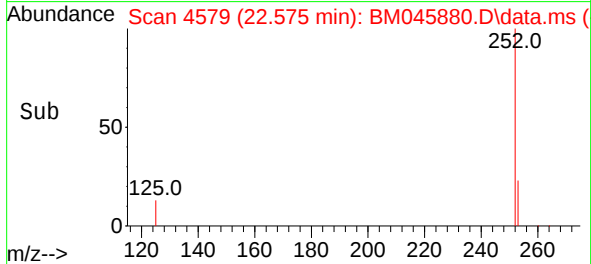
Tgt Ion:252 Resp: 37696
Ion Ratio Lower Upper
252 100
253 24.1 25.0 37.6
125 16.8 14.2 21.2

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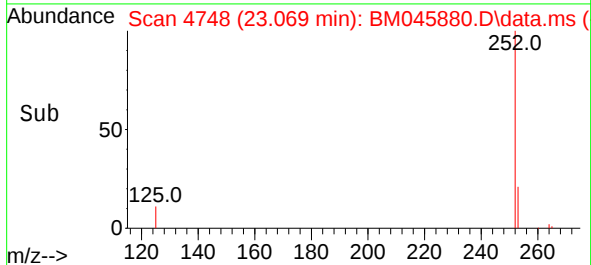
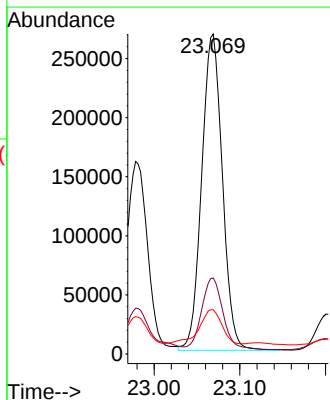
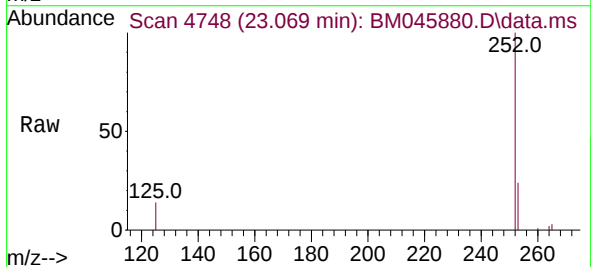
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ahmed

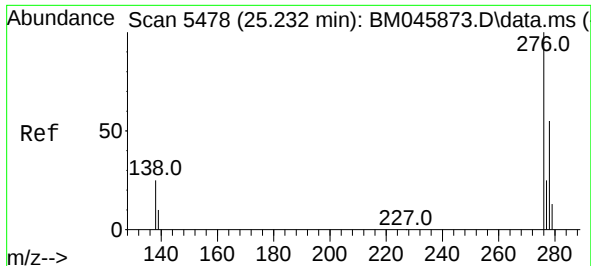
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#26
Benzo(a)pyrene
Concen: 6.453 ng/ul m
RT: 23.069 min Scan# 4748
Delta R.T. -0.003 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

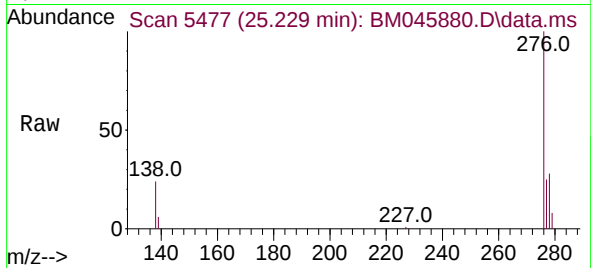
Tgt Ion:252 Resp: 449020
Ion Ratio Lower Upper
252 100
253 23.7 28.8 43.2#
125 13.8 17.3 25.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.533 ng/ul m
 RT: 25.229 min Scan# 5477
 Delta R.T. -0.003 min
 Lab File: BM045880.D
 Acq: 07 Jun 2024 13:42

Instrument :
 BNA_M
 ClientSampleId :
 A4D18



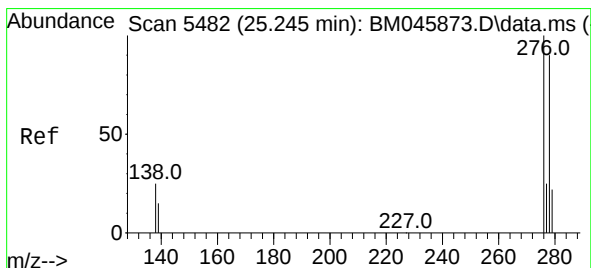
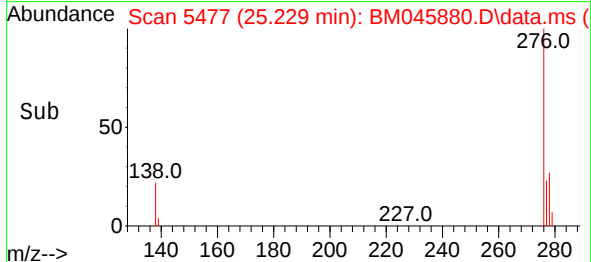
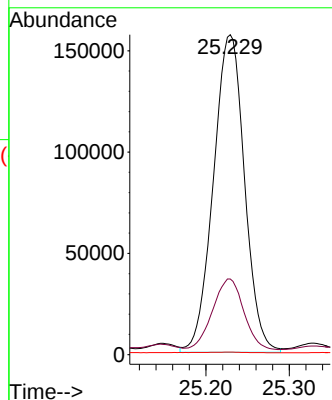
Tgt Ion:276 Resp: 40784
 Ion Ratio Lower Upper
 276 100
 138 1.8 20.7 31.1
 227 0.0 0.2 0.2

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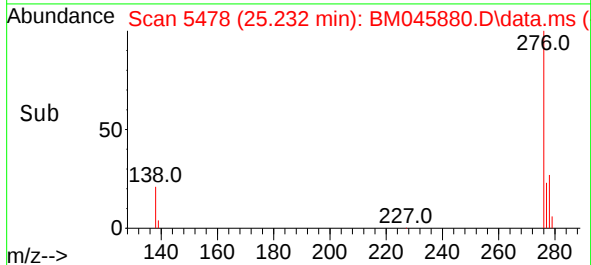
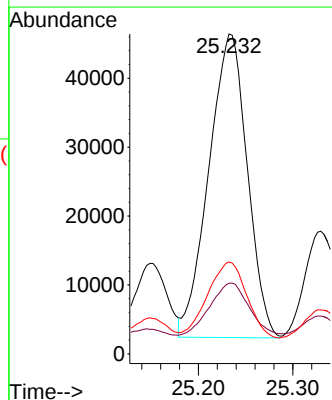
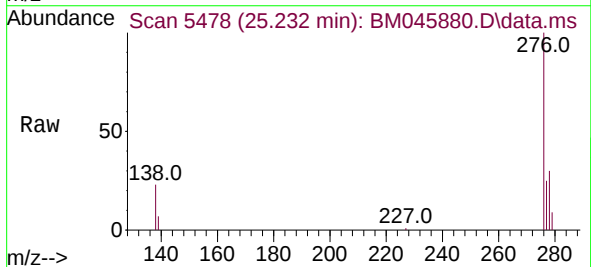
06/08/2024
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 ahmed

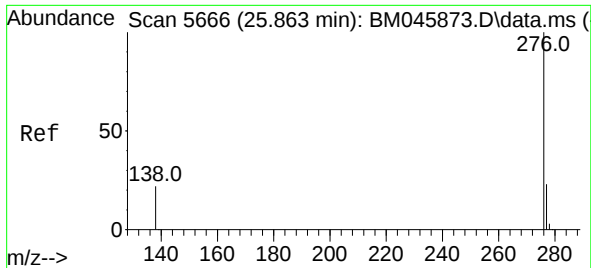
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.734 ng/ul m
 RT: 25.232 min Scan# 5478
 Delta R.T. -0.017 min
 Lab File: BM045880.D
 Acq: 07 Jun 2024 13:42

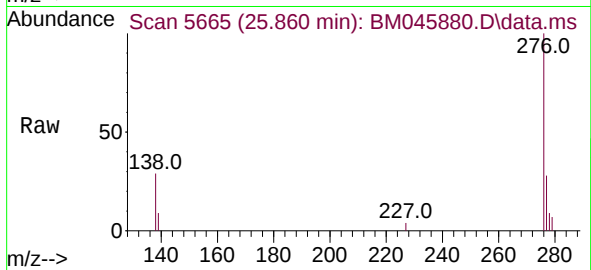
Tgt Ion:278 Resp: 124696
 Ion Ratio Lower Upper
 278 100
 139 22.1 16.6 25.0
 279 28.8 24.6 37.0





#29
Benzo(g,h,i)perylene
Concen: 0.864 ng/ul m
RT: 25.860 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM045880.D
Acq: 07 Jun 2024 13:42

Instrument :
BNA_M
ClientSampleId :
A4D18



Tgt Ion:276 Resp: 6705
Ion Ratio Lower Upper
276 100
138 28.5 21.0 31.4
277 27.8 20.5 30.7

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Supervised By :mohammad ahmed 06/13/2024

06/08/2024
Supervised By :mohammad
ahmed

06/13/2024

