

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045885.D
 Acq On : 07 Jun 2024 16:45
 Operator : MA/JU
 Sample : P2586-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D20

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 17:33:45 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	7157	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	24107	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.112	164	13345	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	26602m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.050	240	15902m	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	19281m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	35995	4.416	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.831	152	11013	0.318	ng/ul	-0.02
18) Fluoranthene-d10	18.884	212	19485m	0.409	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.281	128	64440	1.023	ng/ul	100
7) 2-Methylnaphthalene	11.903	142	55890	1.391	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	57754	1.322	ng/ul	99
10) Acenaphthylene	13.830	152	67802	1.117	ng/ul	98
11) Acenaphthene	14.172	153	18334	0.411	ng/ul	98
12) Fluorene	15.167	166	23604	0.473	ng/ul#	95
15) Phenanthrene	16.895	178	618084m	8.275	ng/ul	
16) Anthracene	16.988	178	104728m	1.644	ng/ul	
19) Fluoranthene	18.917	202	1278183m	20.157	ng/ul	
20) Pyrene	19.280	202	1082691m	16.368	ng/ul	
21) Benzo(a)anthracene	21.032	228	556512m	9.534	ng/ul	
22) Chrysene	21.085	228	645891m	10.164	ng/ul	
24) Benzo(b)fluoranthene	22.540	252	779685m	12.192	ng/ul	
25) Benzo(k)fluoranthene	22.578	252	284836m	4.053	ng/ul	
26) Benzo(a)pyrene	23.072	252	525241m	8.259	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.232	276	396806m	4.825	ng/ul	
28) Dibenzo(a,h)anthracene	25.239	278	103695m	1.577	ng/ul	
29) Benzo(g,h,i)perylene	25.866	276	401455m	5.660	ng/ul	

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

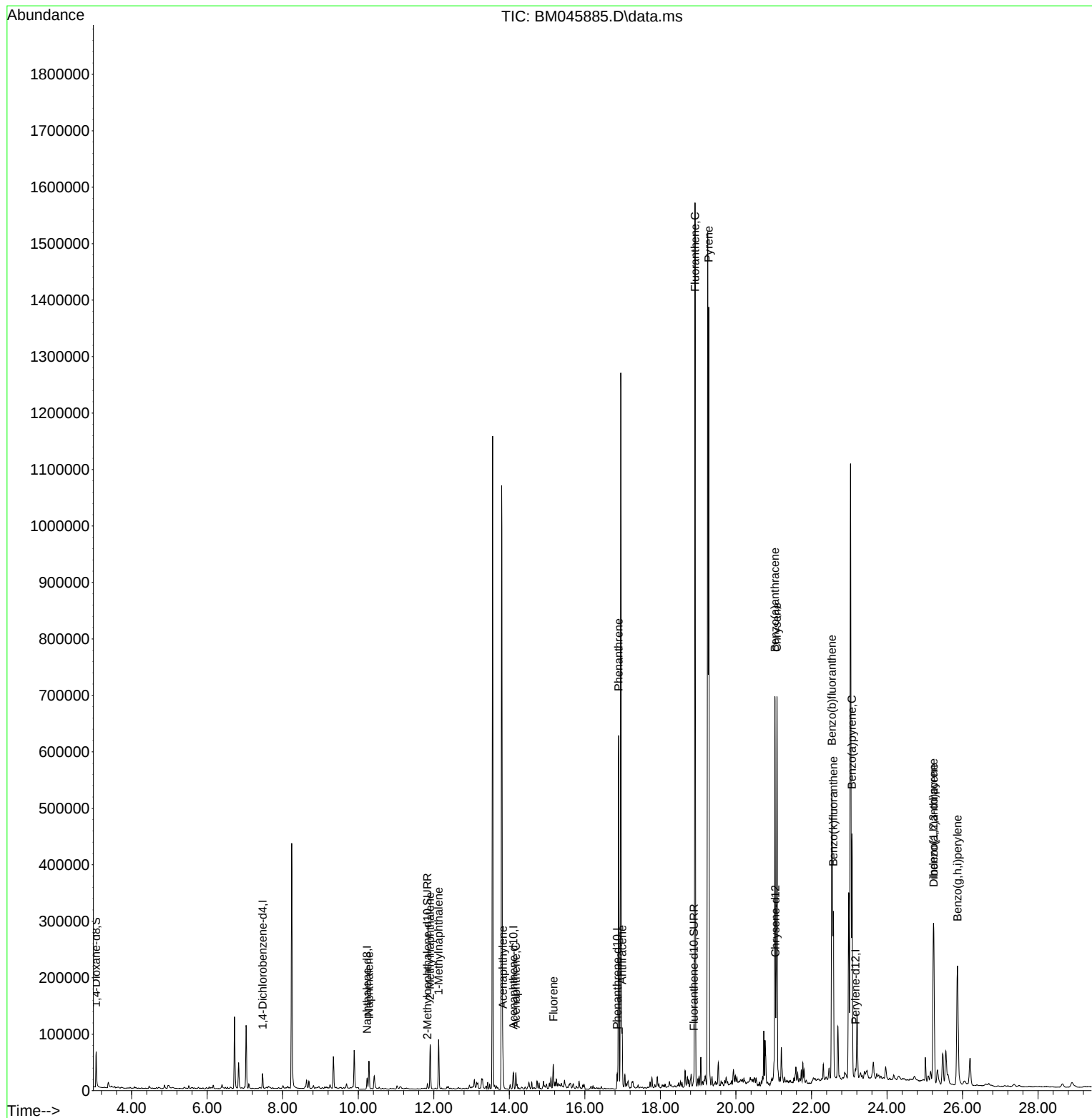
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
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ALS Vial : 14 Sample Multiplier: 1

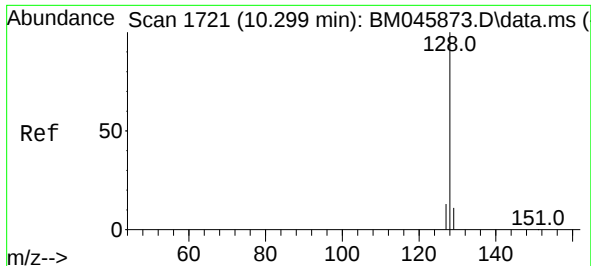
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ClientSampleId :
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Supervised By :mohammad ahmed 06/13/2024

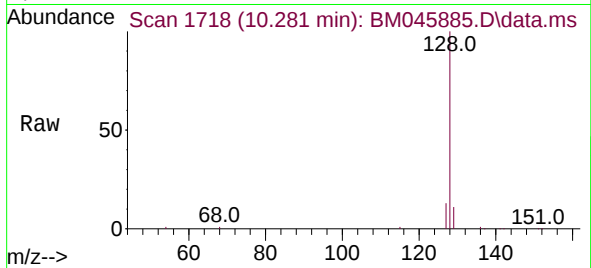
Quant Time: Jun 07 17:33:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.023 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.022 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

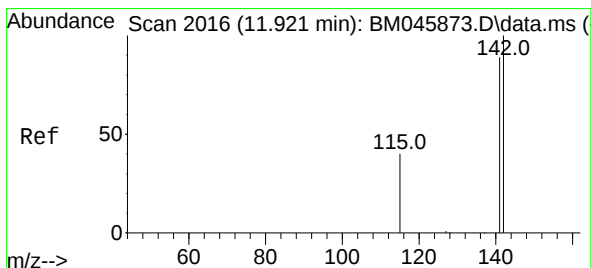
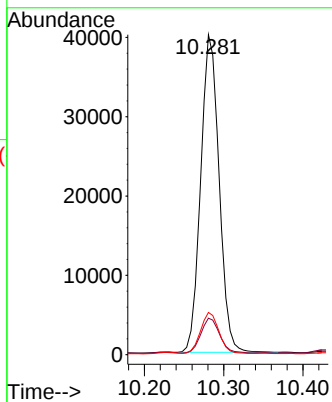
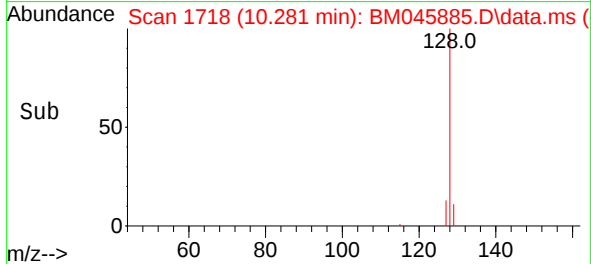
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:128 Resp: 64440
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.2 10.6 15.8

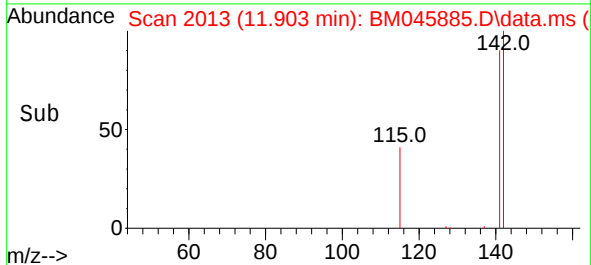
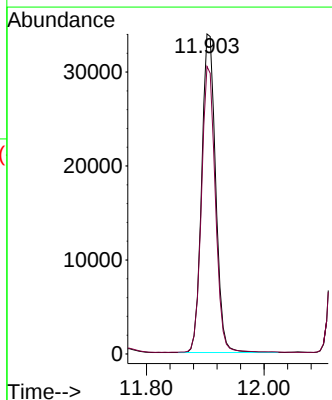
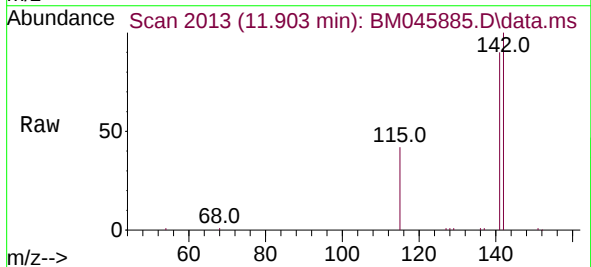
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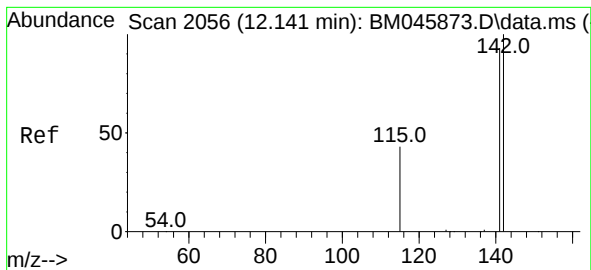
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 1.391 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.017 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

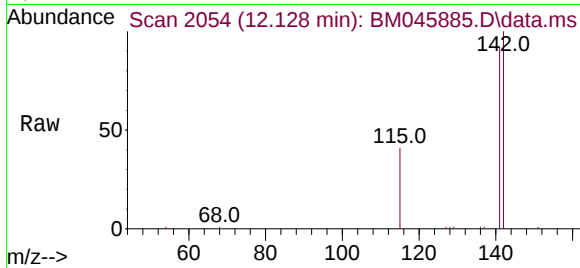
Tgt Ion:142 Resp: 55890
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.4





#8
1-Methylnaphthalene
Concen: 1.322 ng/ul
RT: 12.128 min Scan# 2056
Delta R.T. -0.017 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

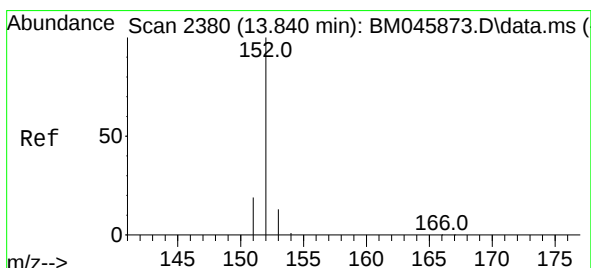
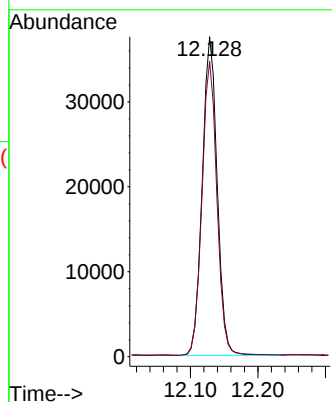
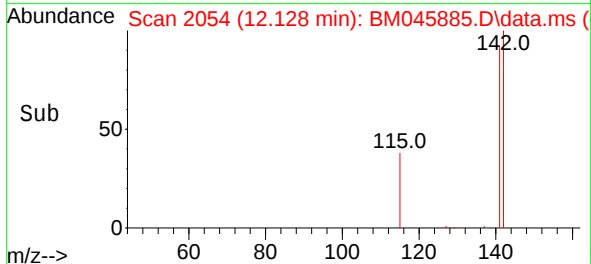
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:142 Resp: 57754
Ion Ratio Lower Upper
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141 92.4 73.5 110.3

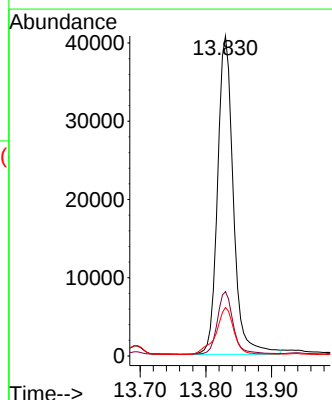
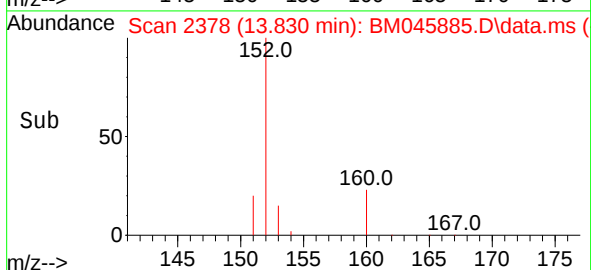
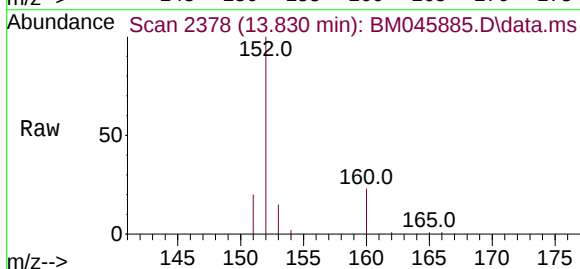
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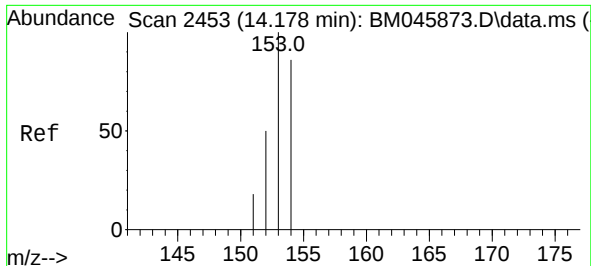
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 1.117 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

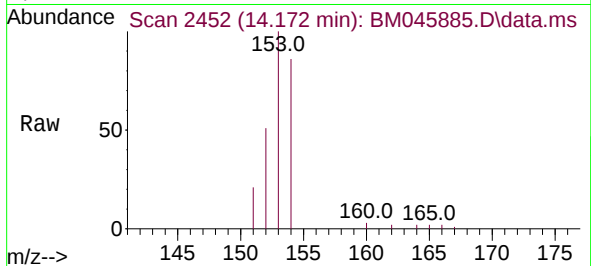
Tgt Ion:152 Resp: 67802
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 15.2 11.1 16.7





#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

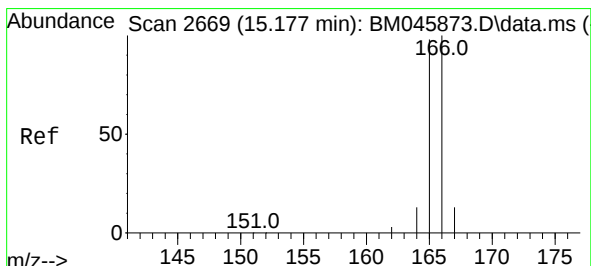
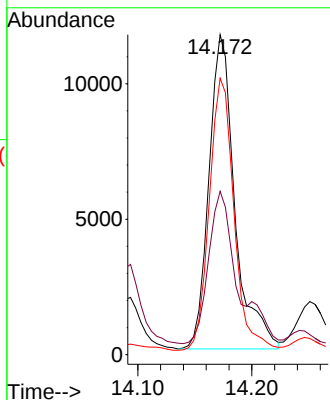
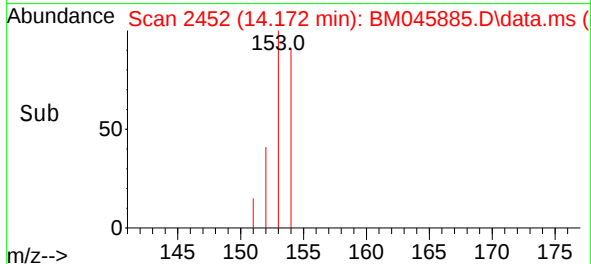
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:153 Resp: 18334
Ion Ratio Lower Upper
153 100
152 51.0 39.0 58.4
154 86.4 69.4 104.2

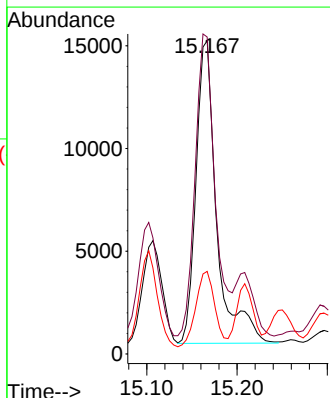
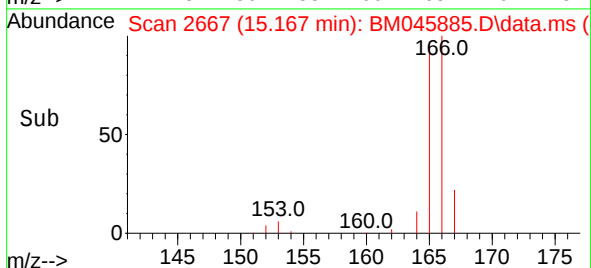
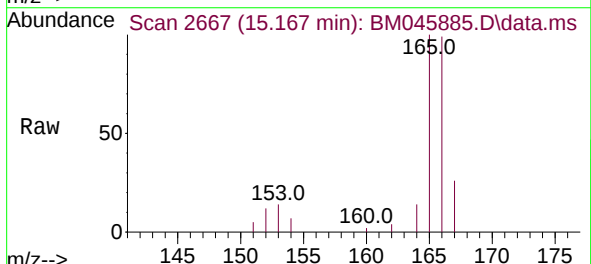
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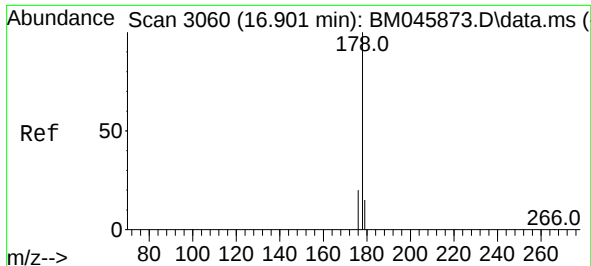
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.473 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

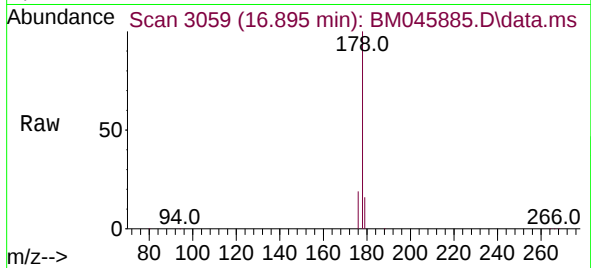
Tgt Ion:166 Resp: 23604
Ion Ratio Lower Upper
166 100
165 101.2 79.7 119.5
167 26.3 11.3 16.9#





#15
Phenanthrene
Concen: 8.275 ng/ul m
RT: 16.895 min Scan# 3059
Delta R.T. -0.009 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

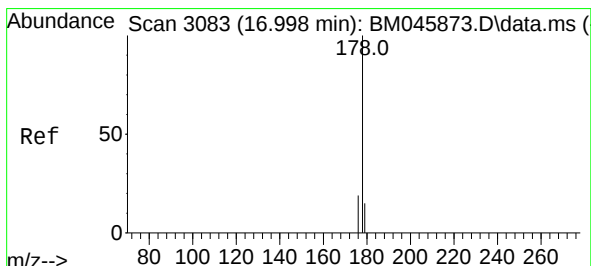
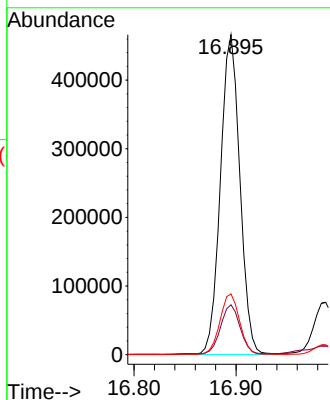
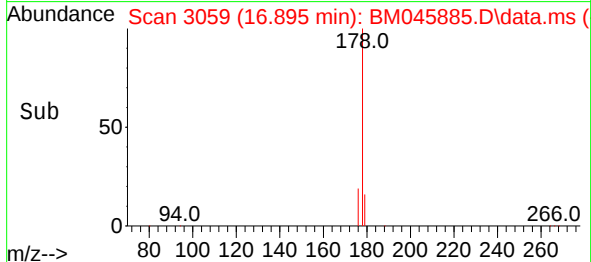
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:178 Resp: 618084
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.0 15.6 23.4

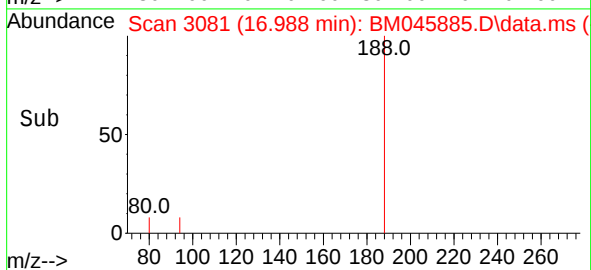
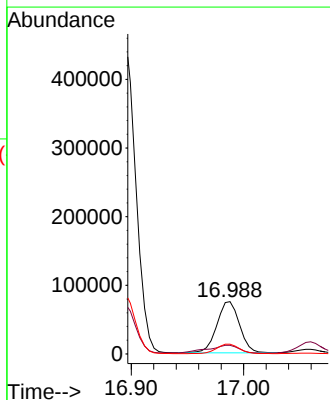
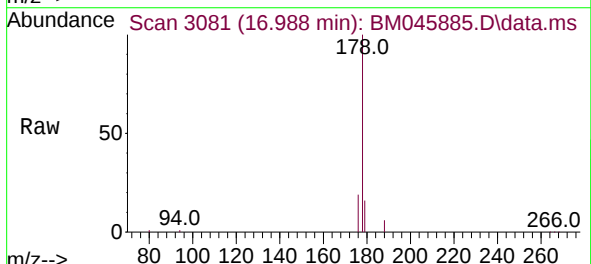
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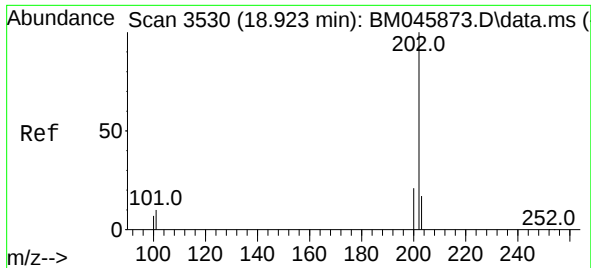
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 1.644 ng/ul m
RT: 16.988 min Scan# 3081
Delta R.T. -0.009 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

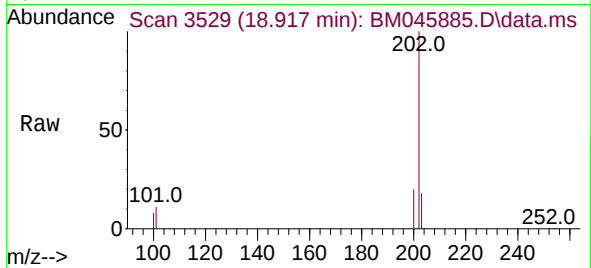
Tgt Ion:178 Resp: 104728
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 18.7 15.5 23.3





#19
Fluoranthene
Concen: 20.157 ng/ul m
RT: 18.917 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

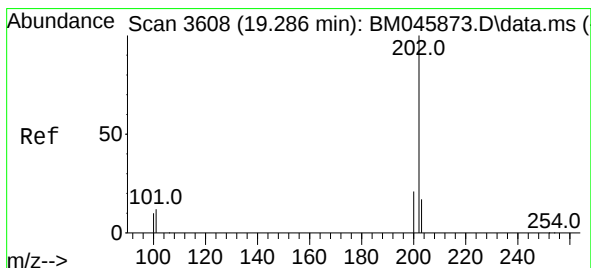
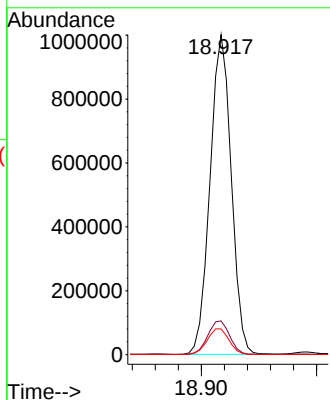
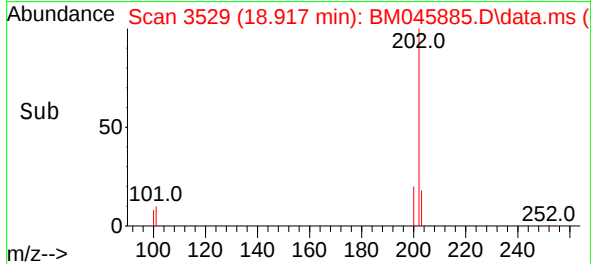
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:202 Resp: 127818
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.0 7.0 10.6

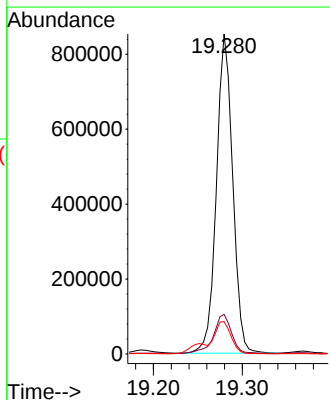
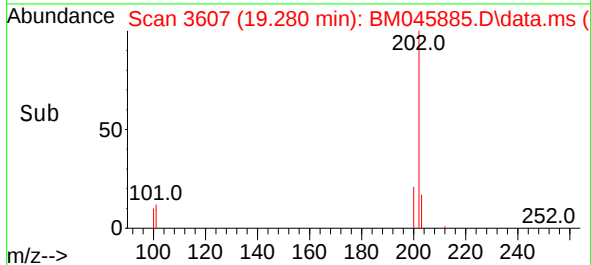
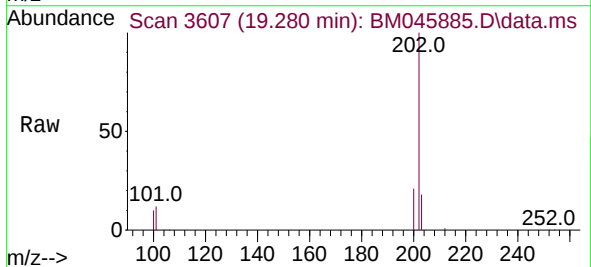
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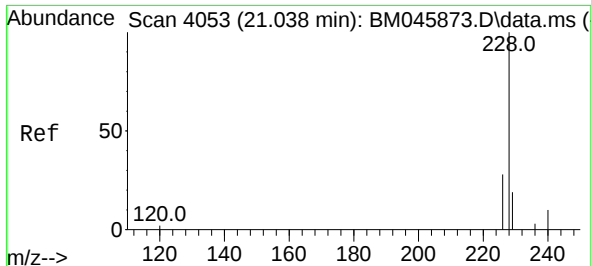
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 16.368 ng/ul m
RT: 19.280 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

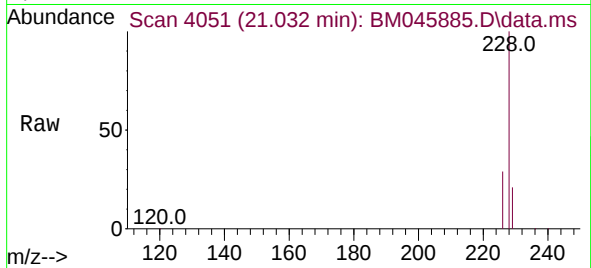
Tgt Ion:202 Resp: 1082691
Ion Ratio Lower Upper
202 100
101 12.4 10.6 16.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 9.534 ng/ul m
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

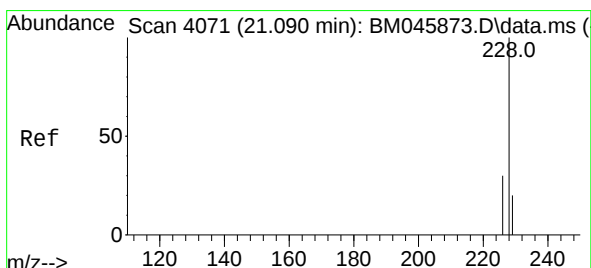
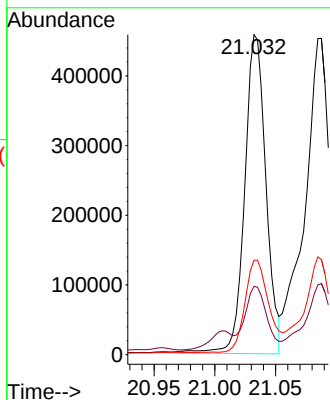
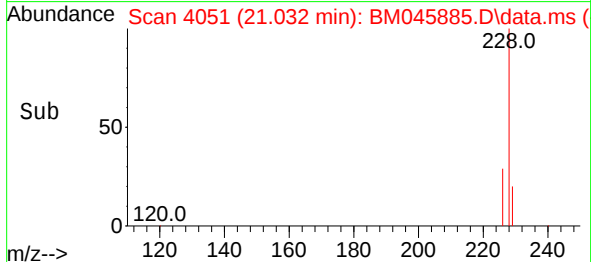
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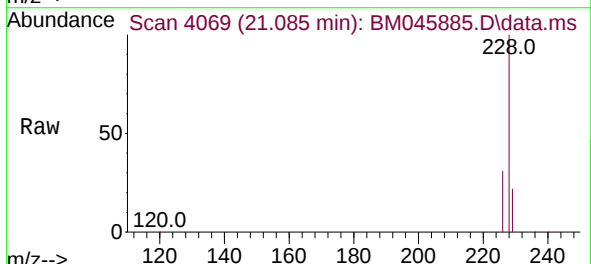
Tgt Ion:228 Resp: 55651
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 29.5 22.0 33.0

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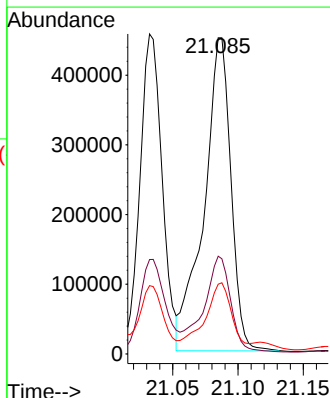
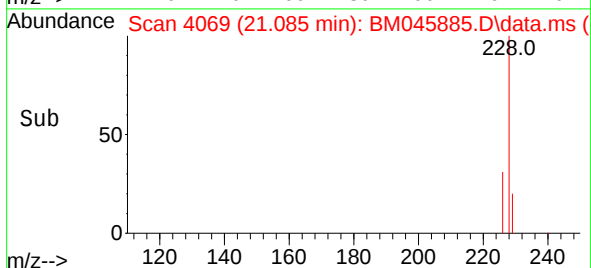
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

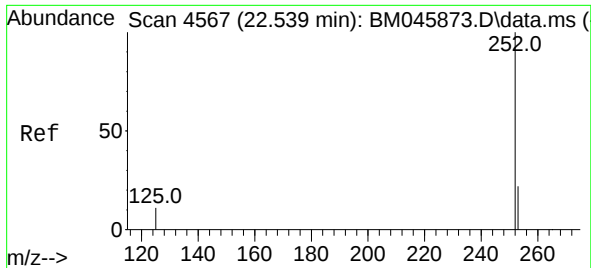


#22
Chrysene
Concen: 10.164 ng/ul m
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45



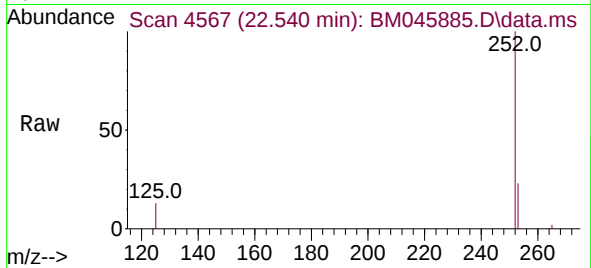
Tgt Ion:228 Resp: 645891
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 12.192 ng/ul m
RT: 22.540 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

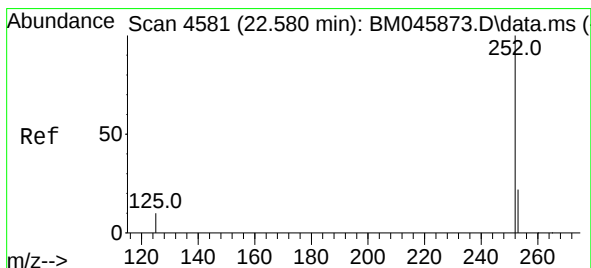
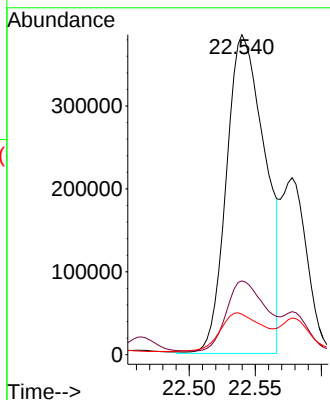
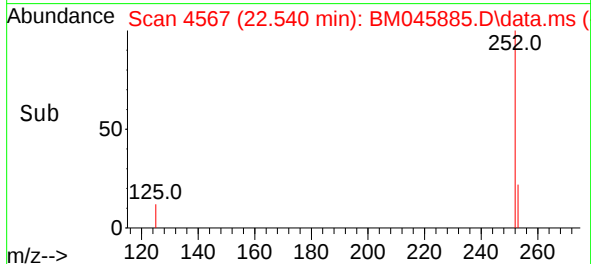
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:252 Resp: 779689
Ion Ratio Lower Upper
252 100
253 23.1 0.0 63.6
125 12.7 0.0 35.8

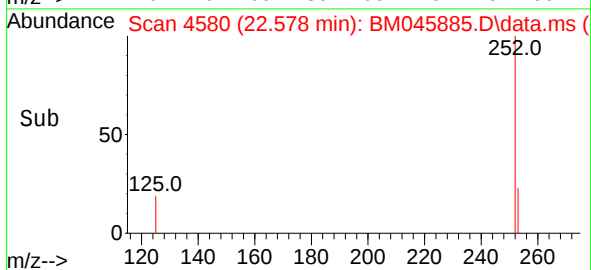
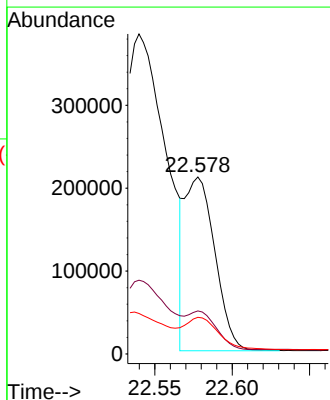
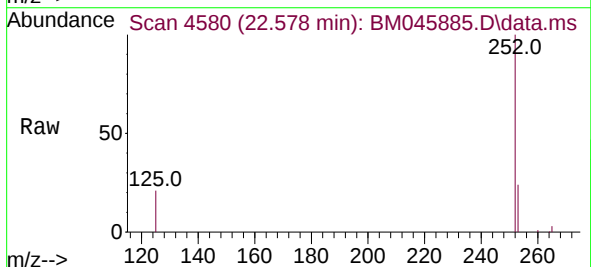
Manual Integrations
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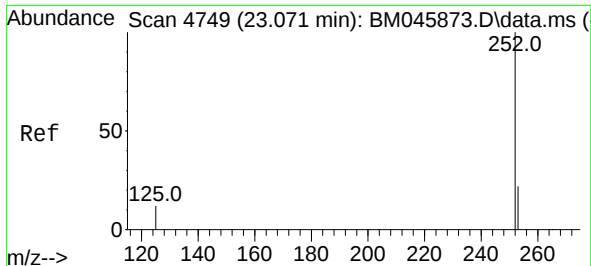
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 4.053 ng/ul m
RT: 22.578 min Scan# 4580
Delta R.T. -0.003 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

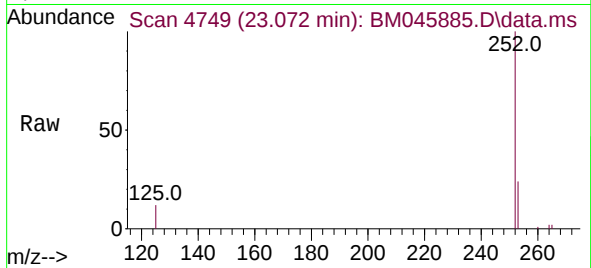
Tgt Ion:252 Resp: 284836
Ion Ratio Lower Upper
252 100
253 24.3 25.0 37.6#
125 20.7 14.2 21.2





#26
Benzo(a)pyrene
Concen: 8.259 ng/ul m
RT: 23.072 min Scan# 4749
Delta R.T. -0.000 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

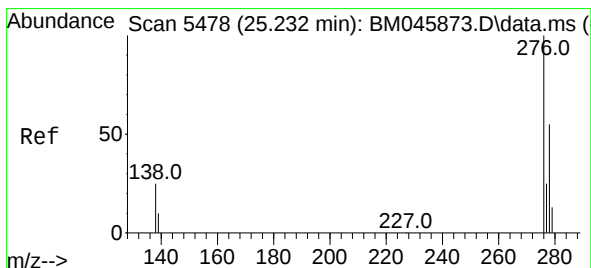
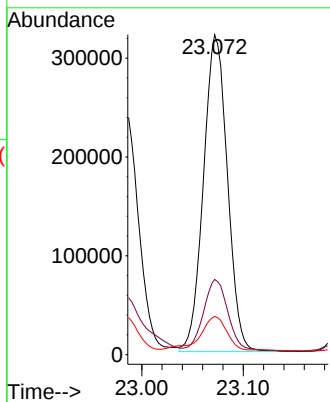
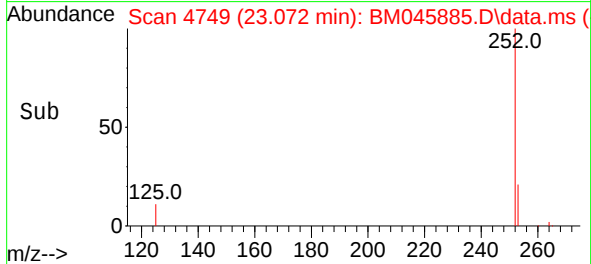
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:252 Resp: 52524
Ion Ratio Lower Upper
252 100
253 23.5 28.8 43.2
125 11.9 17.3 25.9

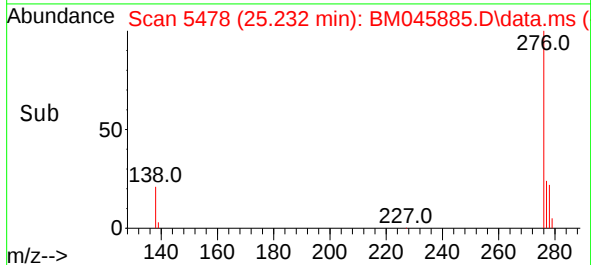
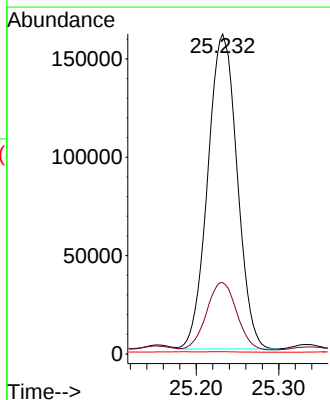
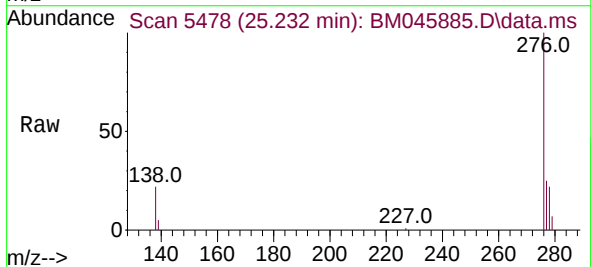
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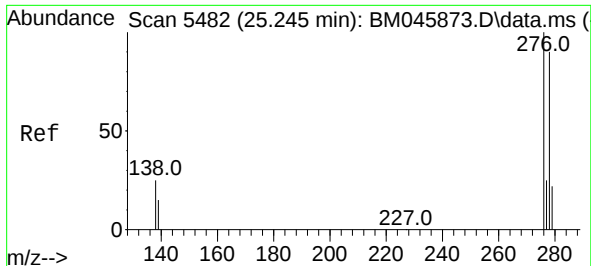
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.825 ng/ul m
RT: 25.232 min Scan# 5478
Delta R.T. -0.000 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

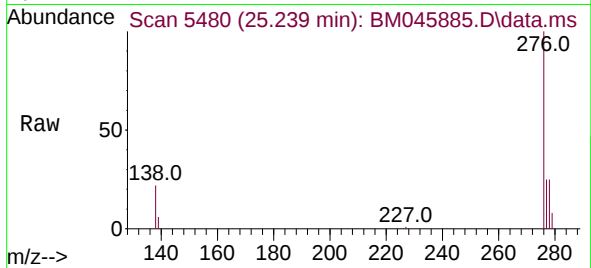
Tgt Ion:276 Resp: 396806
Ion Ratio Lower Upper
276 100
138 1.7 20.7 31.1#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.577 ng/ul m
RT: 25.239 min Scan# 5482
Delta R.T. -0.010 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

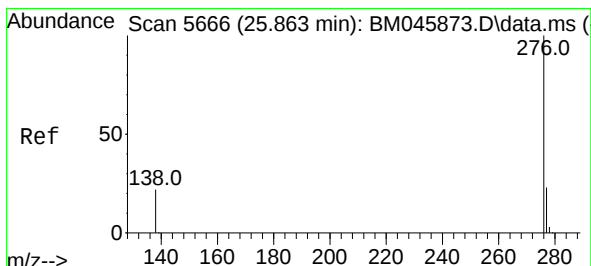
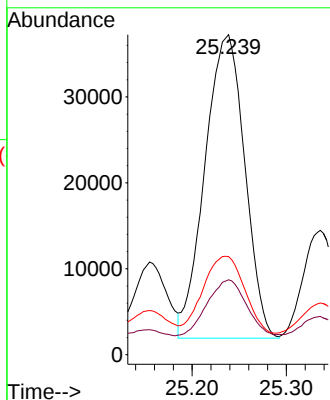
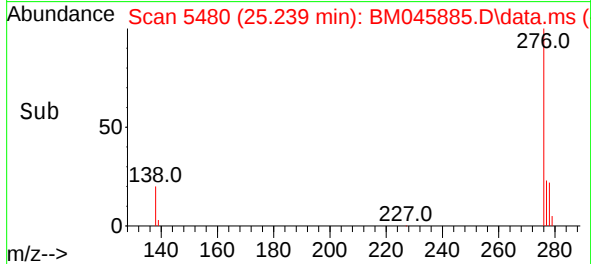
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:278 Resp: 103694
Ion Ratio Lower Upper
278 100
139 23.4 16.6 25.0
279 30.6 24.6 37.0

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



#29
Benzo(g,h,i)perylene
Concen: 5.660 ng/ul m
RT: 25.866 min Scan# 5667
Delta R.T. 0.003 min
Lab File: BM045885.D
Acq: 07 Jun 2024 16:45

Tgt Ion:276 Resp: 401455
Ion Ratio Lower Upper
276 100
138 22.4 21.0 31.4
277 24.2 20.5 30.7

