

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046178.D
 Acq On : 22 Jun 2024 02:54
 Operator : MA/JU
 Sample : P2710-21DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B87DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 03:26:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	3242	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.200	136	9464	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.067	164	5284	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.808	188	10885	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	8785	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	11461	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	6783	1.525	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.822	152	1467	0.115	ng/ul	-0.04
18) Fluoranthene-d10	18.839	212	3501	0.133	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	13157	0.499	ng/ul	95
7) 2-Methylnaphthalene	11.893	142	4808	0.324	ng/ul	96
8) 1-Methylnaphthalene	12.108	142	4354	0.267	ng/ul	99
10) Acenaphthylene	13.785	152	14681	0.586	ng/ul	98
11) Acenaphthene	14.127	153	21553	1.191	ng/ul	99
12) Fluorene	15.122	166	28505	1.468	ng/ul	99
15) Phenanthrene	16.846	178	495214	16.193	ng/ul	96
16) Anthracene	16.943	178	84030	3.689	ng/ul	96
19) Fluoranthene	18.872	202	763813	20.081	ng/ul	96
20) Pyrene	19.234	202	512472	12.458	ng/ul	95
21) Benzo(a)anthracene	20.988	228	316036	9.313	ng/ul	99
22) Chrysene	21.041	228	323310	7.466	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	423809m	10.264	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	168729m	3.437	ng/ul	
26) Benzo(a)pyrene	23.007	252	156769m	4.097	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.142	276	144705	2.311	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.142	278	49580	1.063	ng/ul	93
29) Benzo(g,h,i)perylene	25.762	276	19830	0.369	ng/ul	97

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

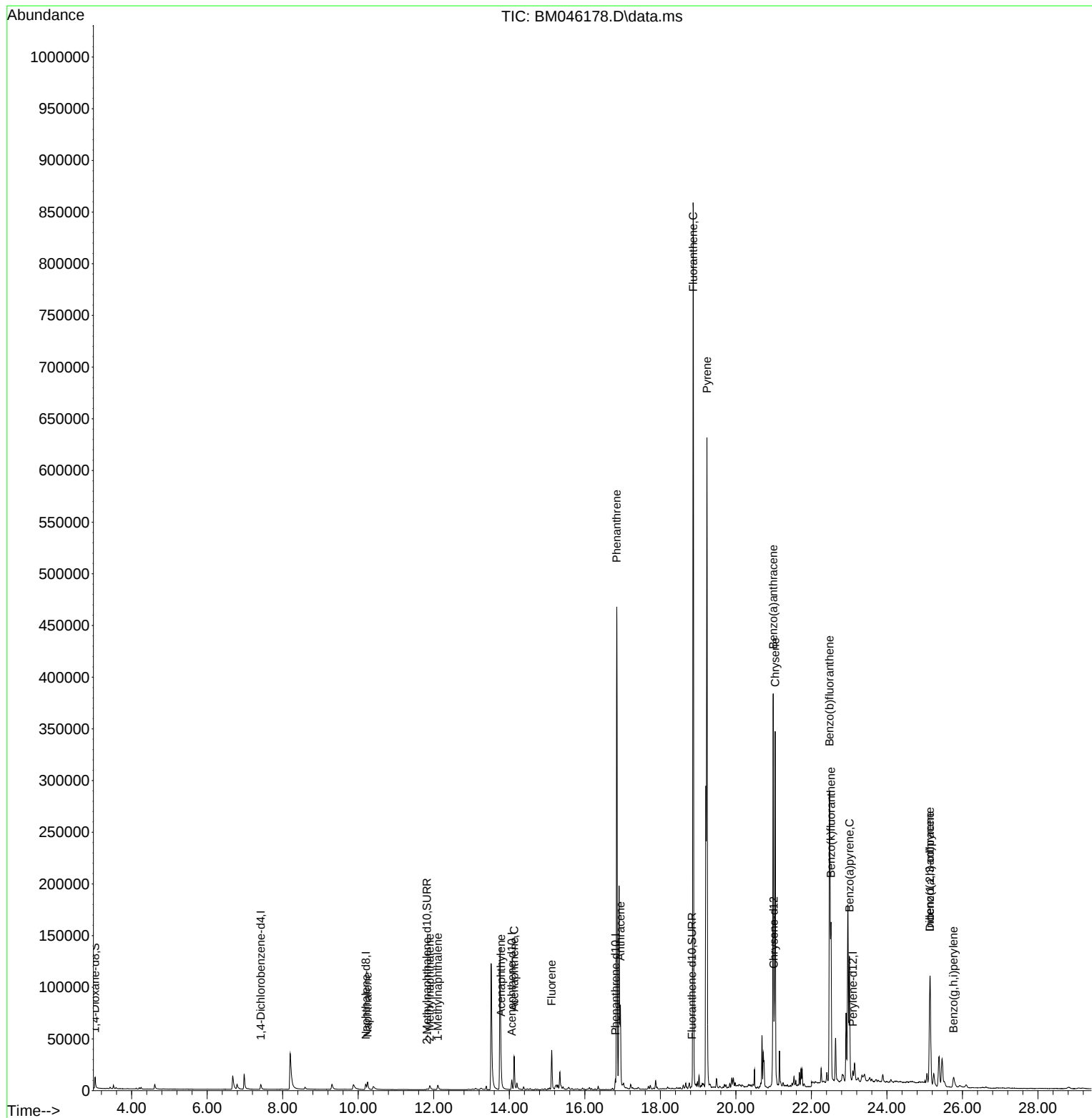
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046178.D
Acq On : 22 Jun 2024 02:54
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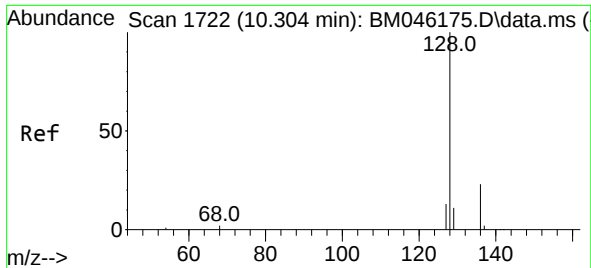
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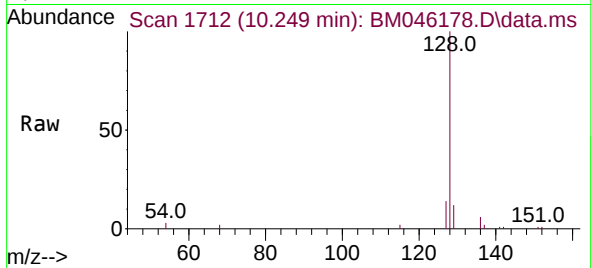
Quant Time: Jun 22 03:26:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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#5
Naphthalene
Concen: 0.499 ng/ul
RT: 10.249 min Scan# 11
Delta R.T. -0.054 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

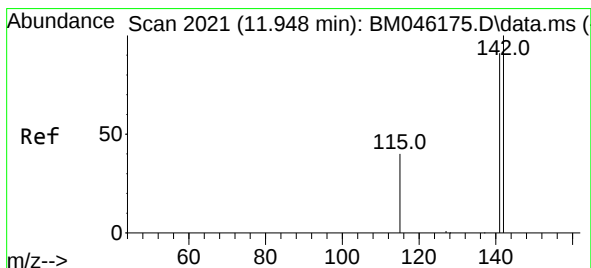
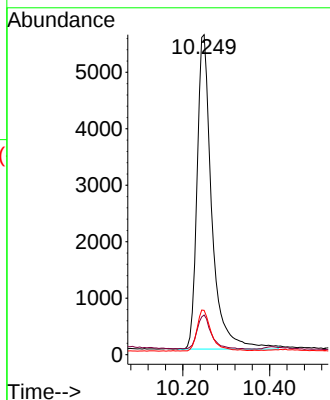
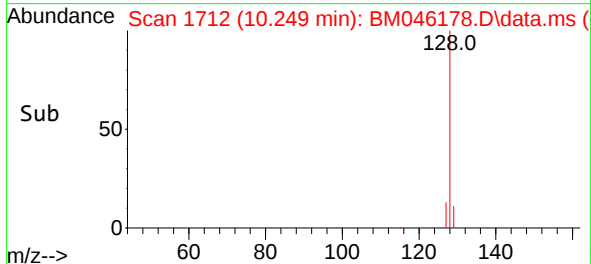
Instrument :
BNA_M
ClientSampleId :
A4B87DL



Tgt Ion:128 Resp: 1315
Ion Ratio Lower Upper
128 100
129 12.4 11.8 17.6
127 13.9 12.8 19.2

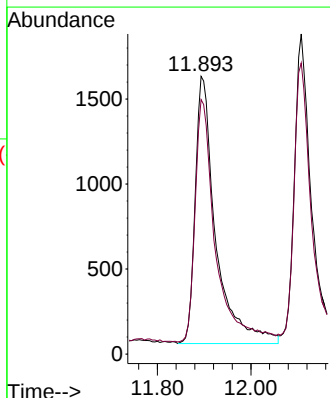
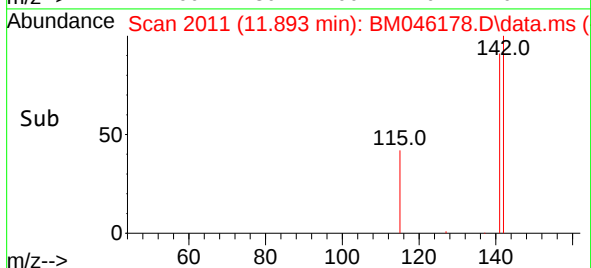
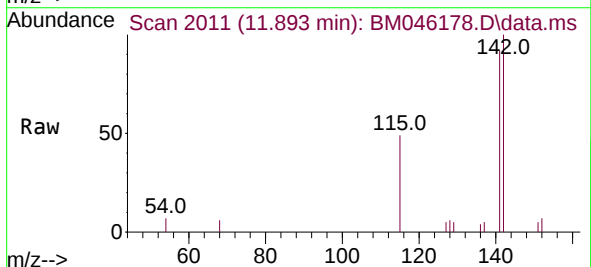
Manual Integrations
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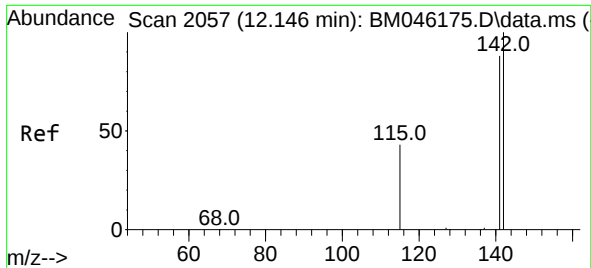
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.054 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

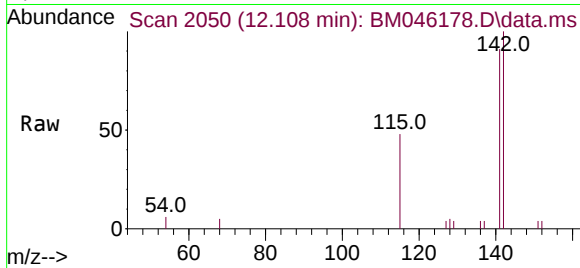
Tgt Ion:142 Resp: 4808
Ion Ratio Lower Upper
142 100
141 89.6 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.108 min Scan# 2057
Delta R.T. -0.043 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

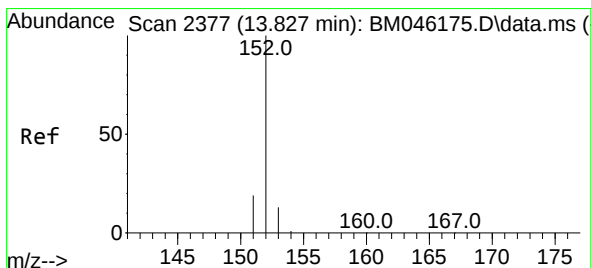
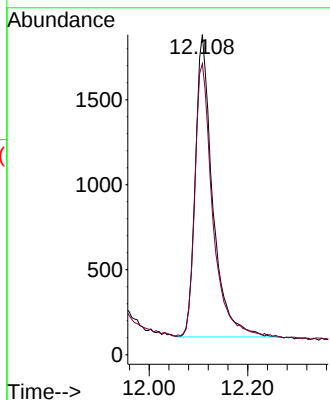
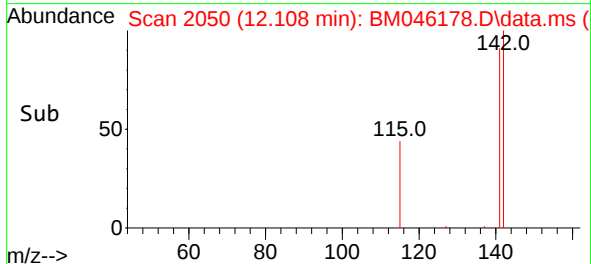
Instrument :
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Tgt Ion:142 Resp: 4354
Ion Ratio Lower Upper
142 100
141 92.6 75.2 112.8

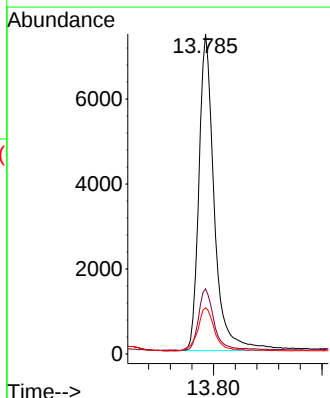
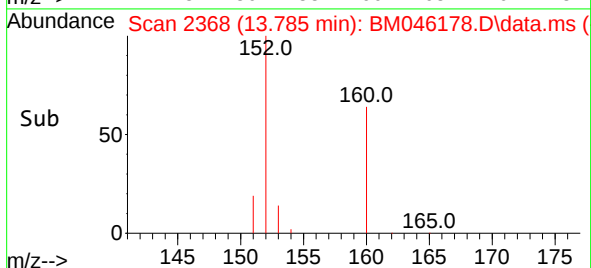
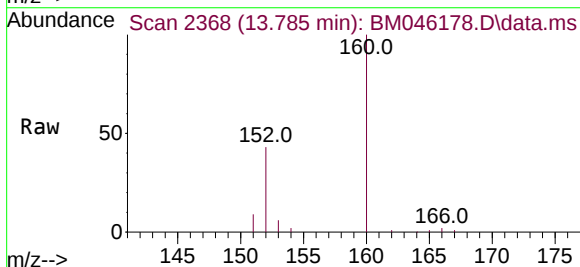
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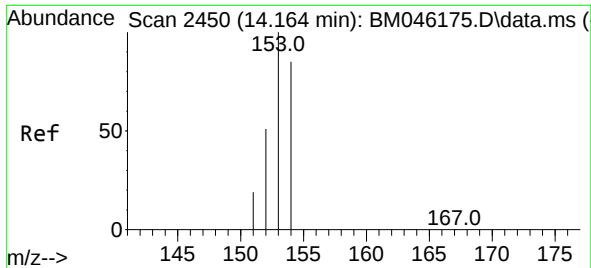
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.586 ng/ul
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

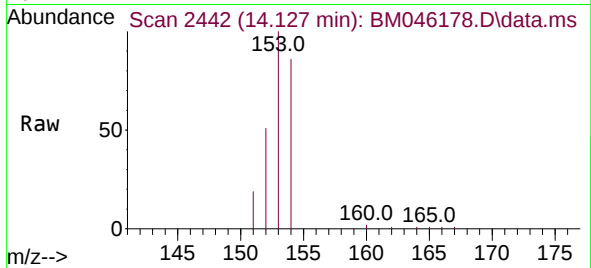
Tgt Ion:152 Resp: 14681
Ion Ratio Lower Upper
152 100
151 20.4 17.4 26.2
153 14.4 11.8 17.8





#11
Acenaphthene
Concen: 1.191 ng/ul
RT: 14.127 min Scan# 2442
Delta R.T. -0.045 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

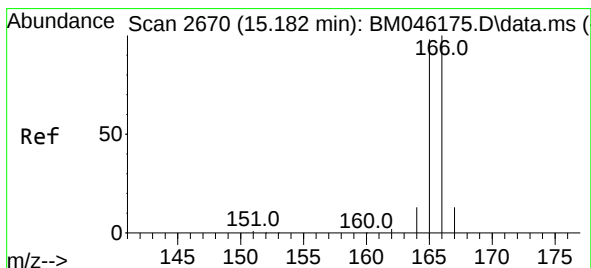
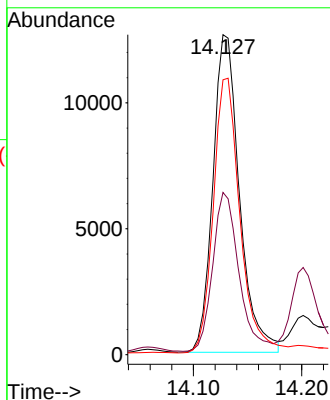
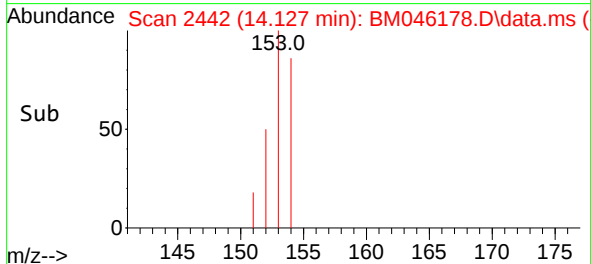
Instrument :
BNA_M
ClientSampleId :
A4B87DL



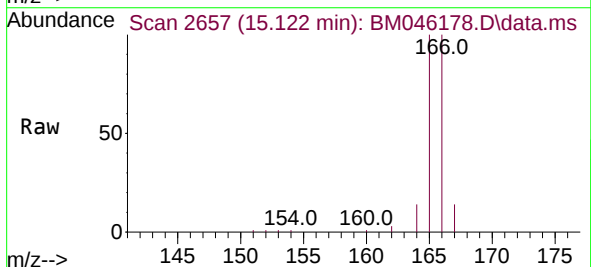
Tgt Ion:153 Resp: 2155
Ion Ratio Lower Upper
153 100
152 50.7 41.3 61.9
154 85.9 68.2 102.4

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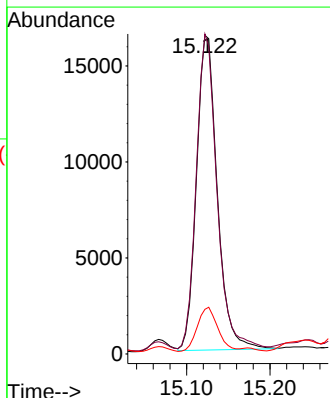
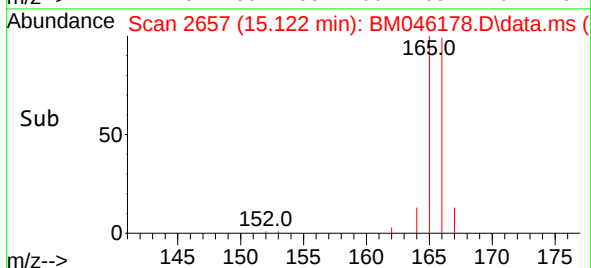
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

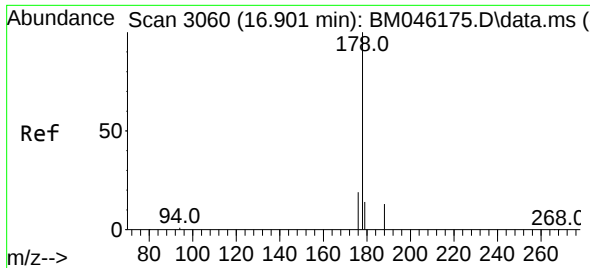


#12
Fluorene
Concen: 1.468 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54



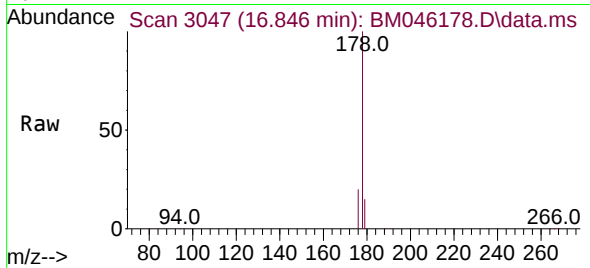
Tgt Ion:166 Resp: 28505
Ion Ratio Lower Upper
166 100
165 100.4 80.4 120.6
167 14.0 12.4 18.6





#15
Phenanthrene
Concen: 16.193 ng/u1
RT: 16.846 min Scan# 3060
Delta R.T. -0.058 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

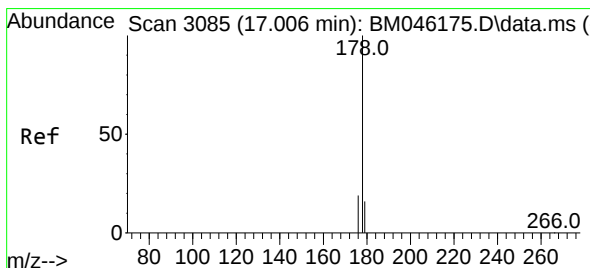
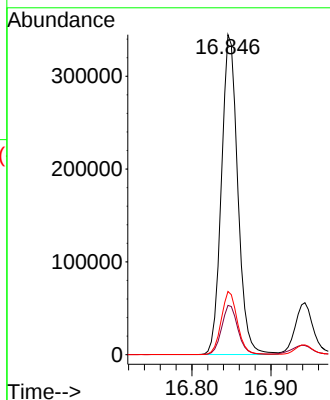
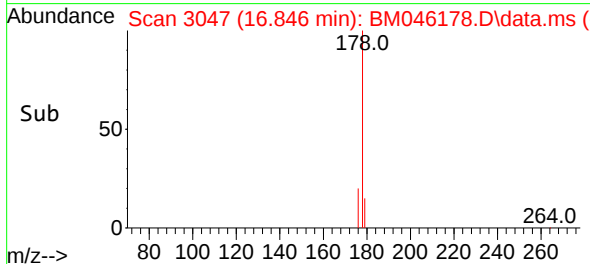
Instrument :
BNA_M
ClientSampleId :
A4B87DL



Tgt Ion:178 Resp: 495214
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.7 17.1 25.7

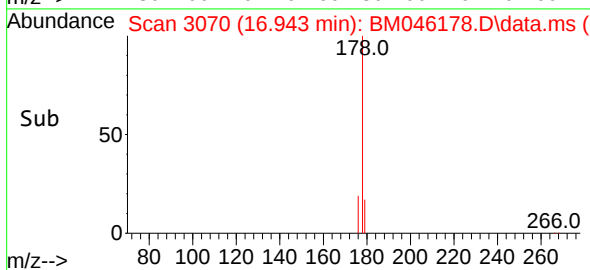
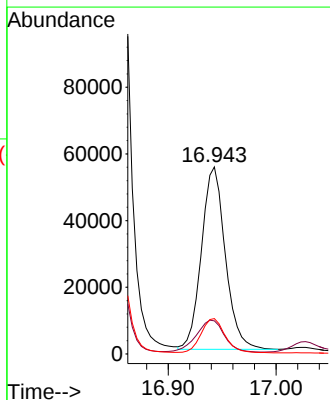
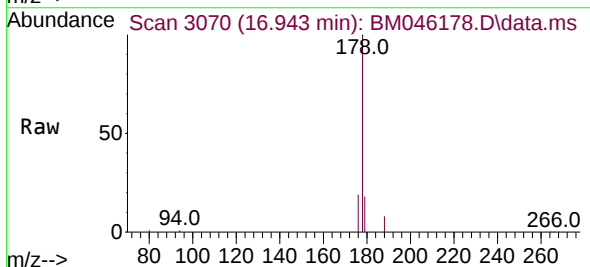
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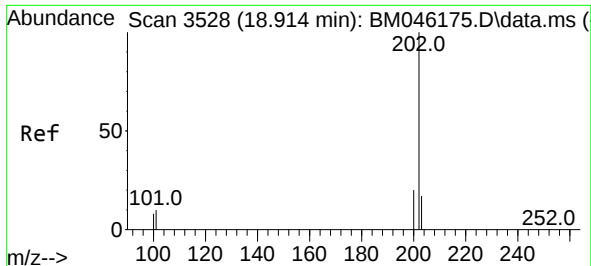
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 3.689 ng/u1
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

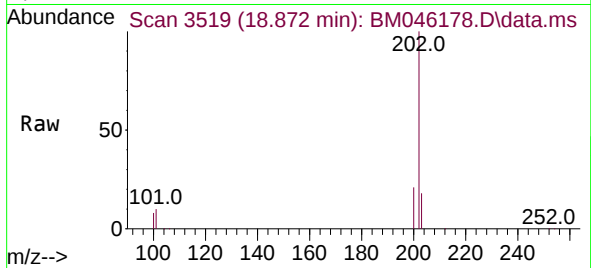
Tgt Ion:178 Resp: 84030
Ion Ratio Lower Upper
178 100
179 17.7 14.9 22.3
176 18.9 17.0 25.4





#19
Fluoranthene
Concen: 20.081 ng/u1
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

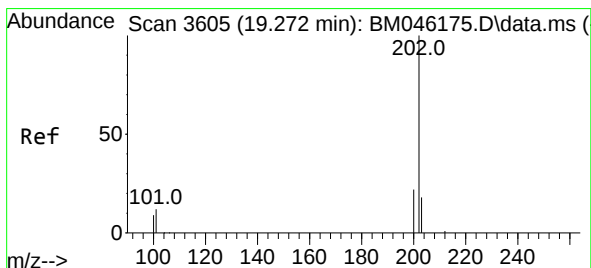
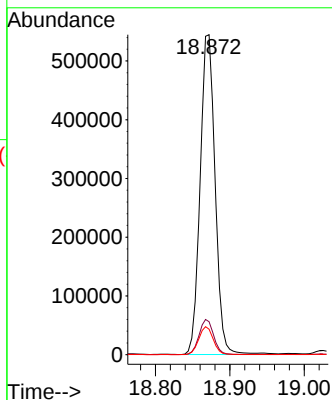
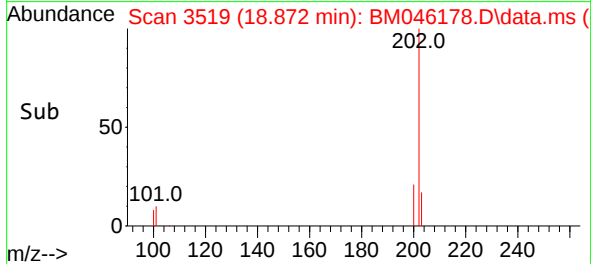
Instrument :
BNA_M
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A4B87DL



Tgt Ion:202 Resp: 76381
Ion Ratio Lower Upper
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101 10.3 9.6 14.4
100 8.0 7.6 11.4

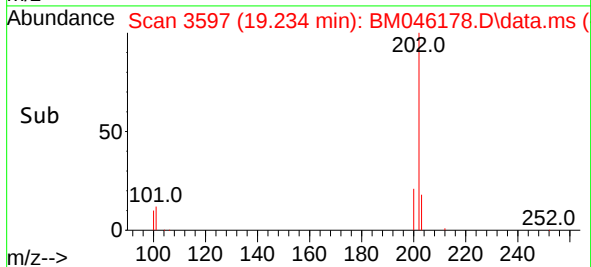
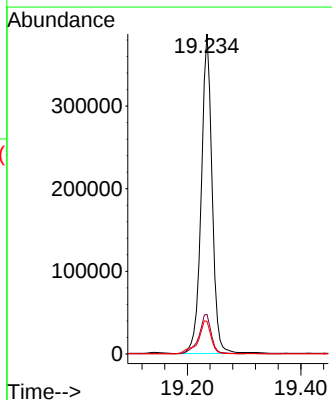
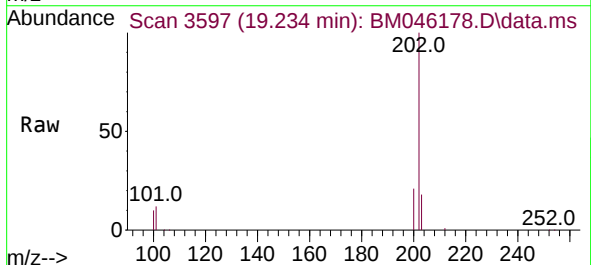
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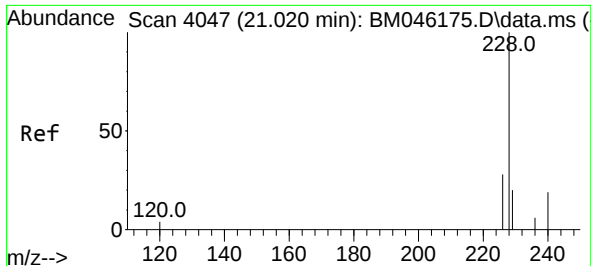
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 12.458 ng/u1
RT: 19.234 min Scan# 3597
Delta R.T. -0.041 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

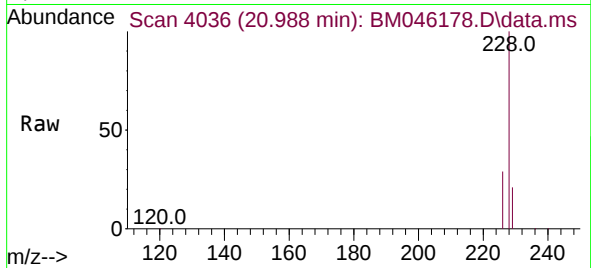
Tgt Ion:202 Resp: 512472
Ion Ratio Lower Upper
202 100
101 12.3 11.3 16.9
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 9.313 ng/ul
RT: 20.988 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

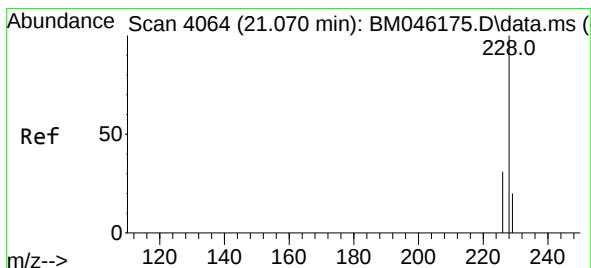
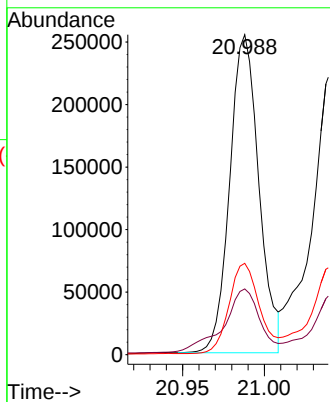
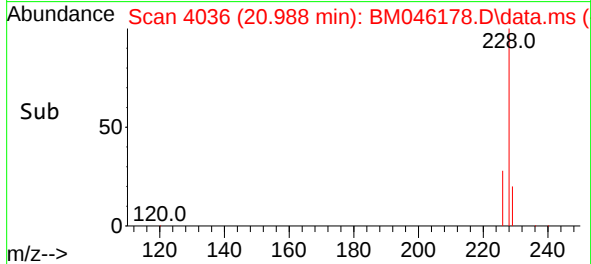
Instrument :
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A4B87DL



Tgt Ion:228 Resp: 316030
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.6 23.4 35.2

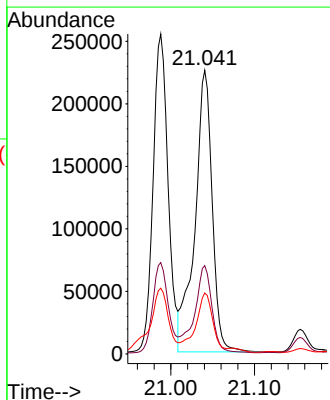
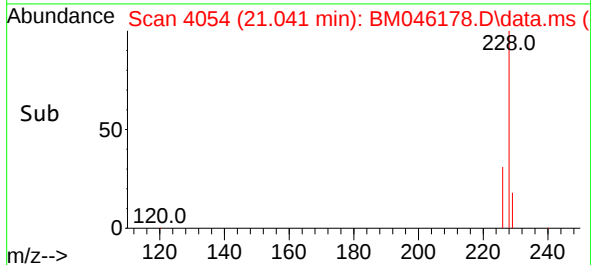
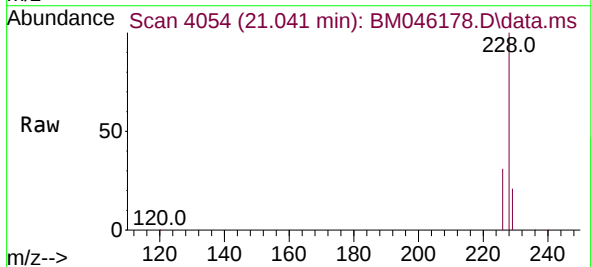
Manual Integrations
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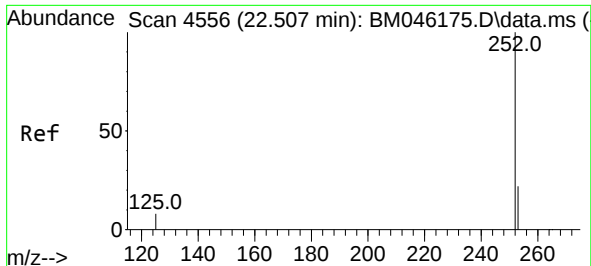
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 7.466 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.036 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

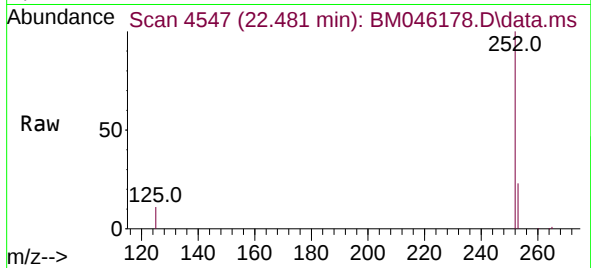
Tgt Ion:228 Resp: 323310
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 10.264 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

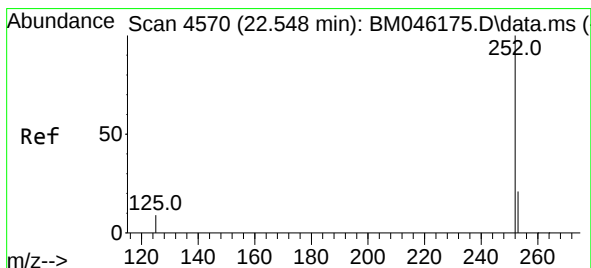
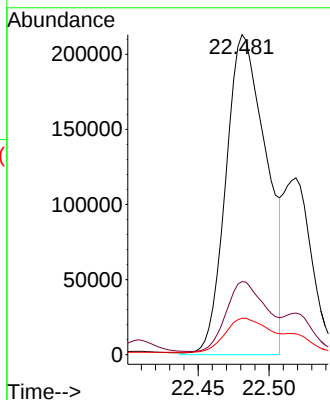
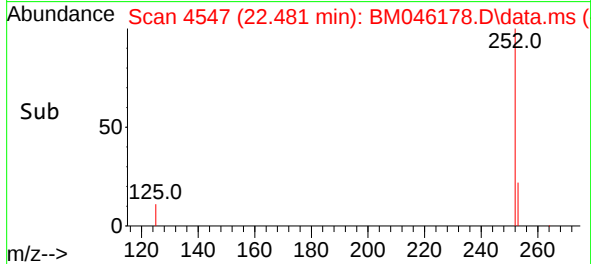
Instrument :
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Tgt Ion:252 Resp: 423809
Ion Ratio Lower Upper
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253 22.8 0.0 65.8
125 11.4 0.0 40.2

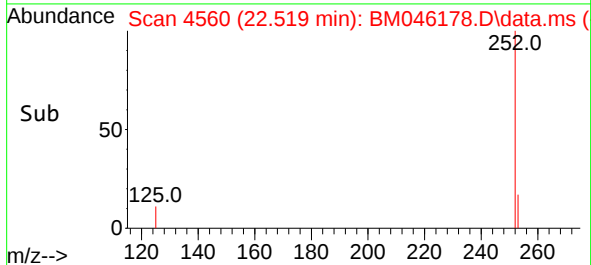
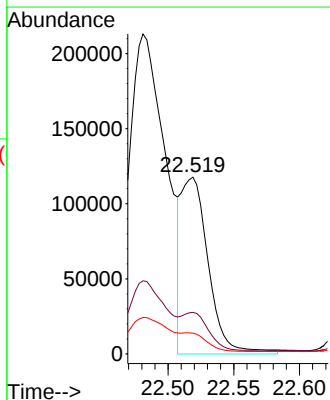
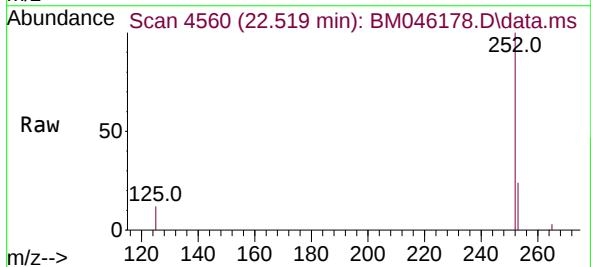
Manual Integrations
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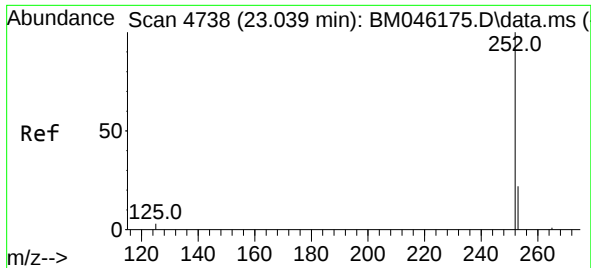
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 3.437 ng/ul m
RT: 22.519 min Scan# 4560
Delta R.T. -0.044 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

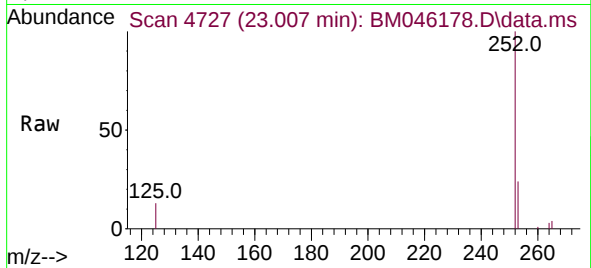
Tgt Ion:252 Resp: 168729
Ion Ratio Lower Upper
252 100
253 23.6 27.2 40.8#
125 11.8 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 4.097 ng/ul m
RT: 23.007 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

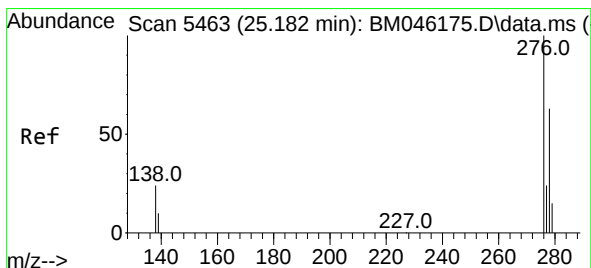
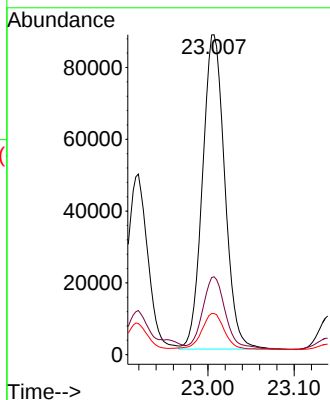
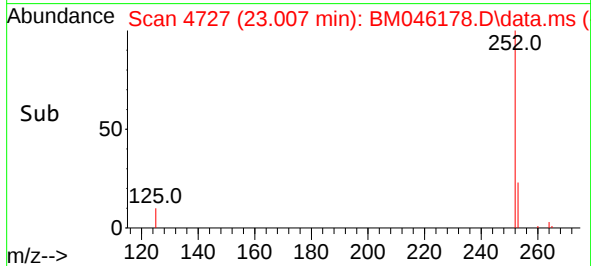
Instrument :
BNA_M
ClientSampleId :
A4B87DL



Tgt Ion:252 Resp: 156769
Ion Ratio Lower Upper
252 100
253 24.3 32.1 48.1
125 12.9 21.2 31.8

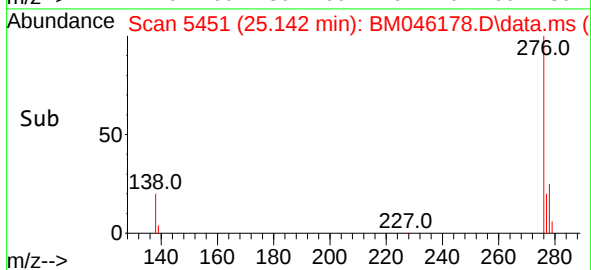
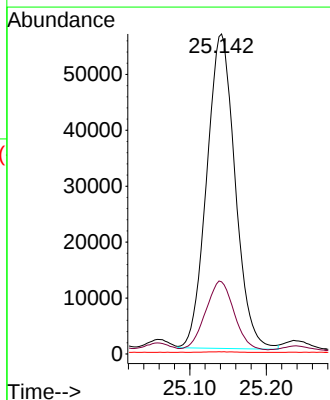
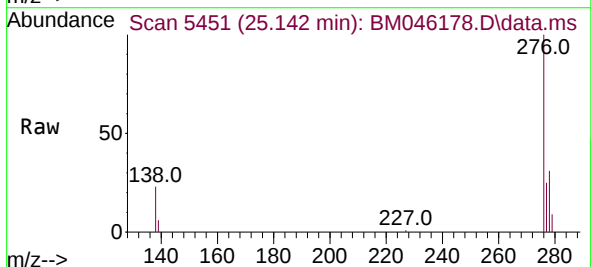
Manual Integrations
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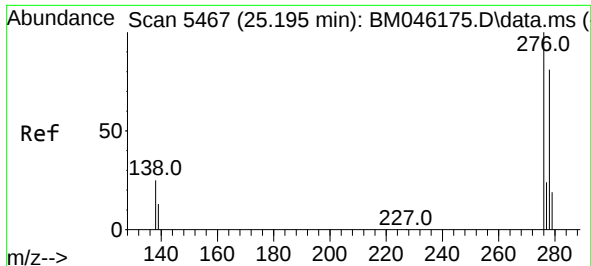
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.311 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.061 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

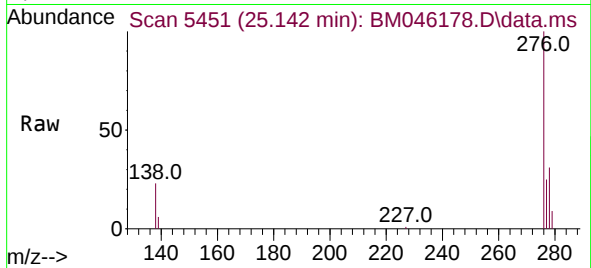
Tgt Ion:276 Resp: 144705
Ion Ratio Lower Upper
276 100
138 22.0 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.063 ng/ul
RT: 25.142 min Scan# 5467
Delta R.T. -0.074 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54

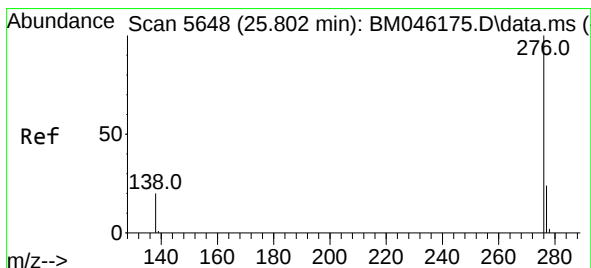
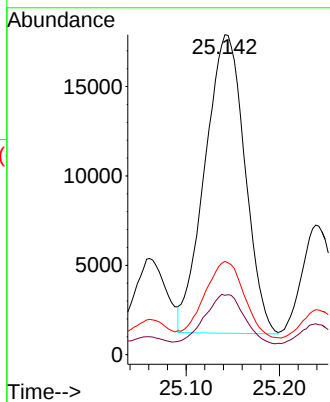
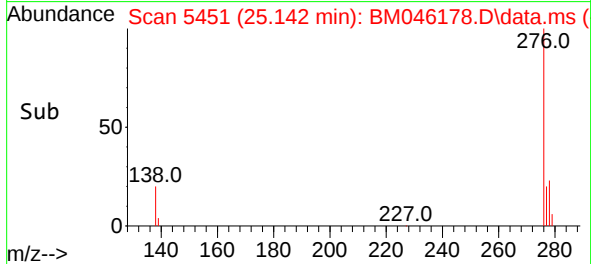
Instrument :
BNA_M
ClientSampleId :
A4B87DL



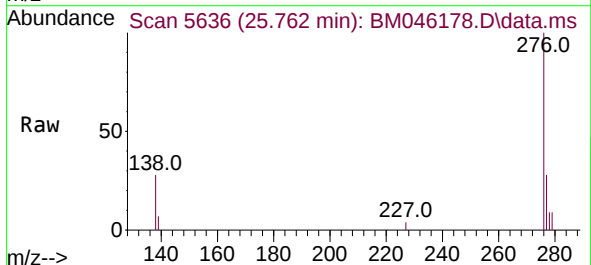
Tgt Ion:278 Resp: 49580
Ion Ratio Lower Upper
278 100
139 18.5 17.6 26.4
279 29.2 26.3 39.5

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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 25.762 min Scan# 5636
Delta R.T. -0.068 min
Lab File: BM046178.D
Acq: 22 Jun 2024 02:54



Tgt Ion:276 Resp: 19830
Ion Ratio Lower Upper
276 100
138 27.6 21.7 32.5
277 28.5 20.4 30.6

