

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046180.D
 Acq On : 22 Jun 2024 04:08
 Operator : MA/JU
 Sample : P2710-03DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B23DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 04:42:26 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	7.422	152	3249	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.204	136	9068	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.066	164	5181	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.807	188	10562	0.400	ng/ul	-0.05
17) Chrysene-d12	21.003	240	8922	0.400	ng/ul	-0.04
23) Perylene-d12	23.096	264	10936	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	4249	0.953	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.826	152	923	0.076	ng/ul	-0.04
18) Fluoranthene-d10	18.838	212	2372	0.089	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	12155	0.481	ng/ul	95
7) 2-Methylnaphthalene	11.898	142	7137	0.501	ng/ul	97
8) 1-Methylnaphthalene	12.107	142	5971	0.382	ng/ul	98
10) Acenaphthylene	13.788	152	8115	0.330	ng/ul	98
11) Acenaphthene	14.131	153	25198	1.420	ng/ul	98
12) Fluorene	15.125	166	18050	0.948	ng/ul	99
15) Phenanthrene	16.849	178	471313	15.883	ng/ul	95
16) Anthracene	16.942	178	51215	2.317	ng/ul	97
19) Fluoranthene	18.871	202	670224	17.350	ng/ul	96
20) Pyrene	19.233	202	492788	11.796	ng/ul	96
21) Benzo(a)anthracene	20.989	228	253138	7.345	ng/ul	99
22) Chrysene	21.038	228	292275	6.646	ng/ul	99
24) Benzo(b)fluoranthene	22.482	252	356025m	9.036	ng/ul	
25) Benzo(k)fluoranthene	22.517	252	134459m	2.871	ng/ul	
26) Benzo(a)pyrene	23.005	252	129044m	3.535	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.142	276	124064	2.076	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.145	278	40031	0.900	ng/ul	92
29) Benzo(g,h,i)perylene	25.766	276	16447	0.321	ng/ul	95

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

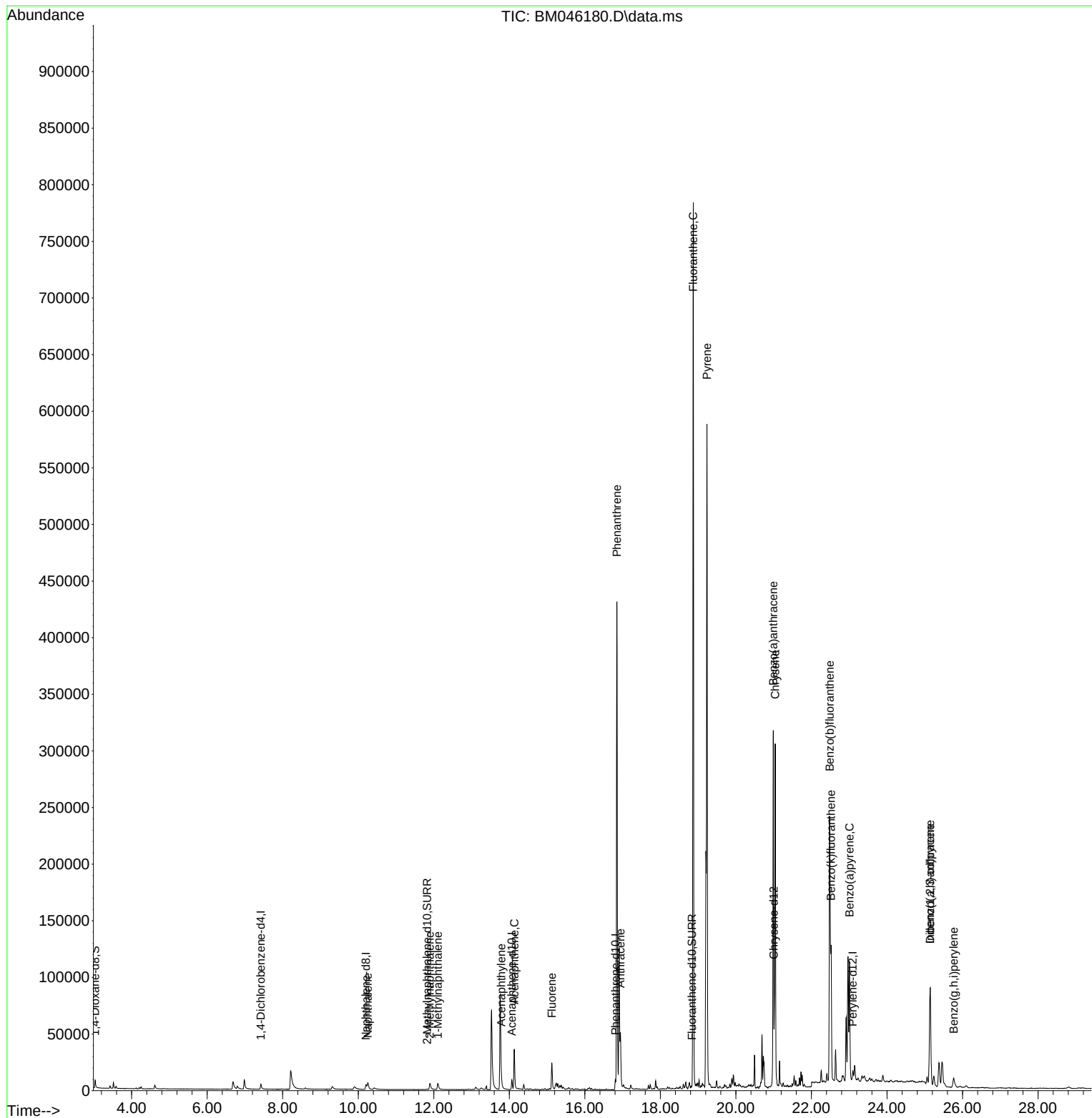
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046180.D
Acq On : 22 Jun 2024 04:08
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Sample : P2710-03DL 5X
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ALS Vial : 33 Sample Multiplier: 1

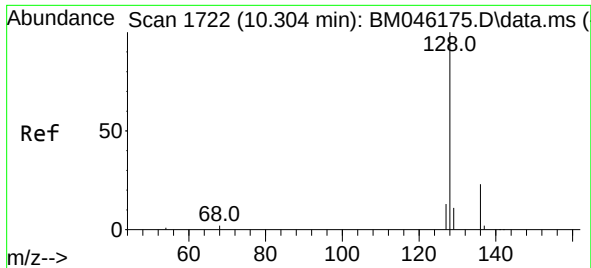
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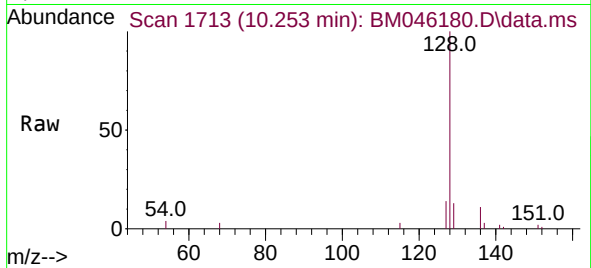
Quant Time: Jun 22 04:42:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.481 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.049 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

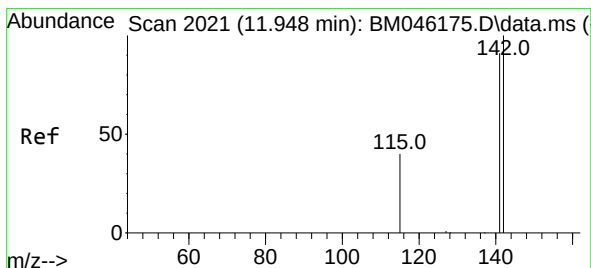
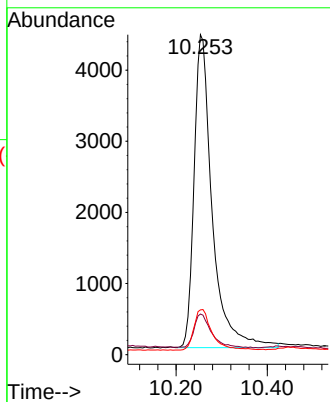
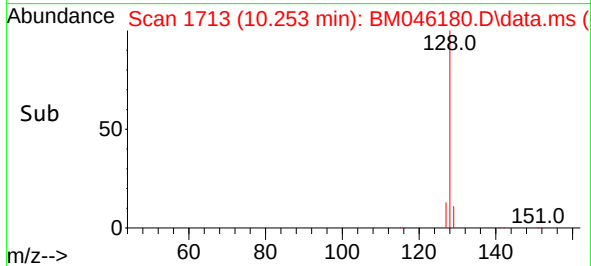
Instrument :
BNA_M
ClientSampleId :
A4B23DL



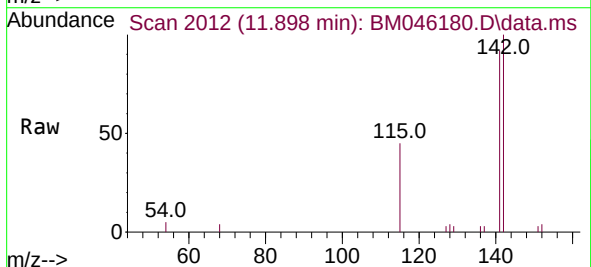
Tgt Ion:128 Resp: 1215
Ion Ratio Lower Upper
128 100
129 12.7 11.8 17.6
127 14.0 12.8 19.2

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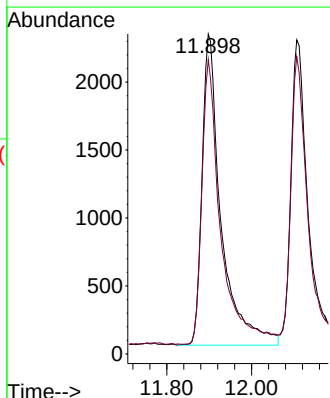
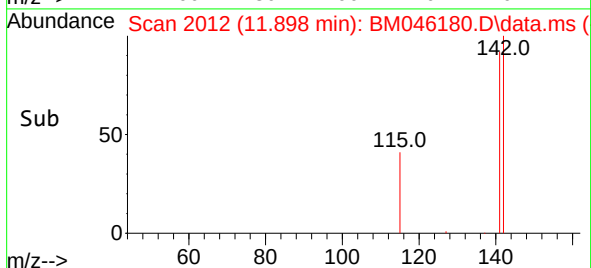
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

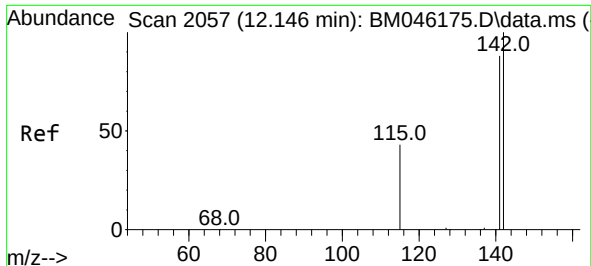


#7
2-Methylnaphthalene
Concen: 0.501 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.049 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08



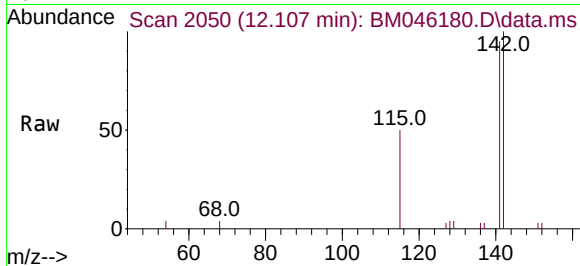
Tgt Ion:142 Resp: 7137
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.107 min Scan# 2057
Delta R.T. -0.044 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

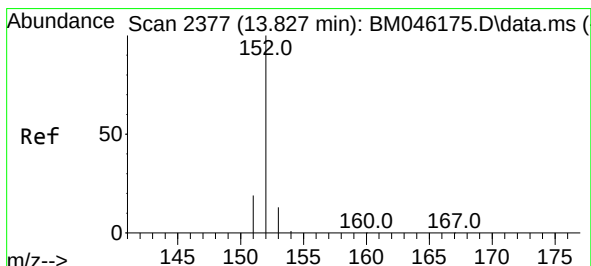
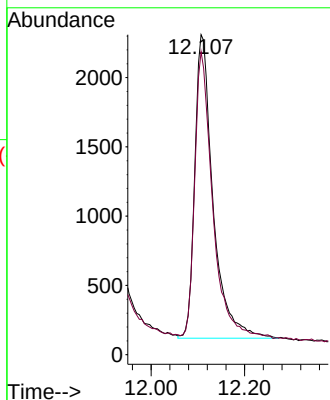
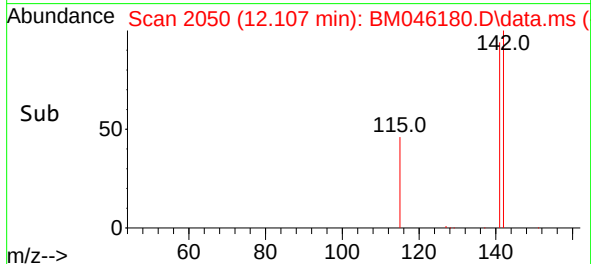
Instrument :
BNA_M
ClientSampleId :
A4B23DL



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Ion Ratio Lower Upper
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141 92.5 75.2 112.8

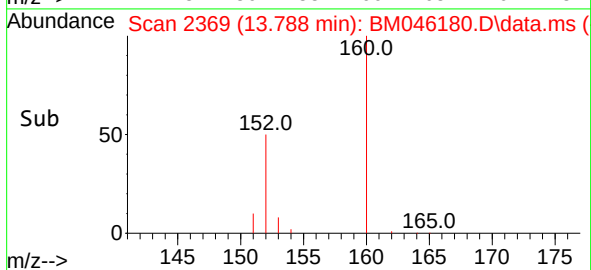
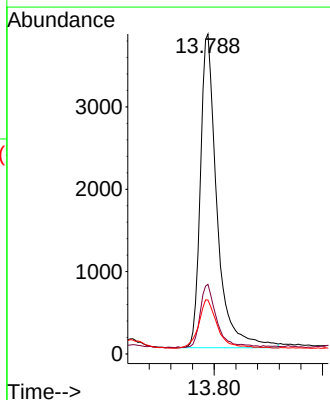
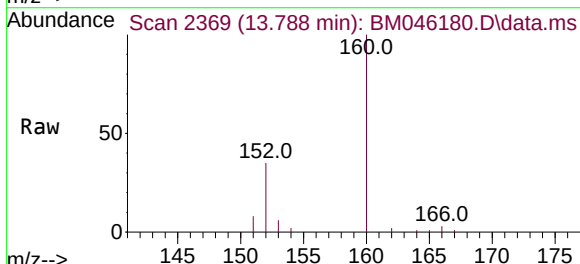
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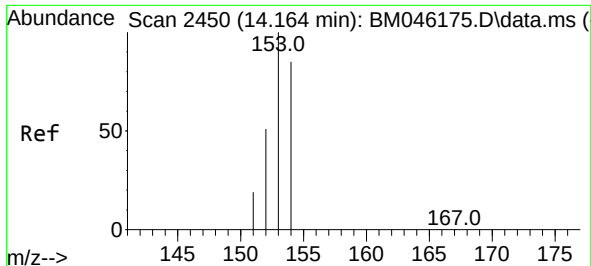
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

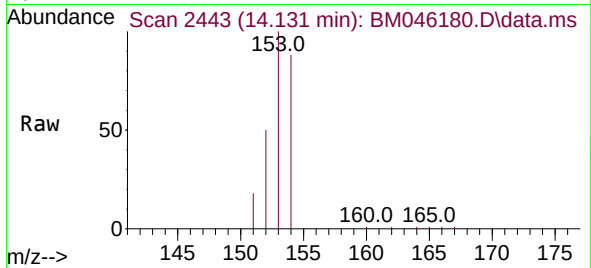
Tgt Ion:152 Resp: 8115
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2
153 16.8 11.8 17.8





#11
Acenaphthene
Concen: 1.420 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.041 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

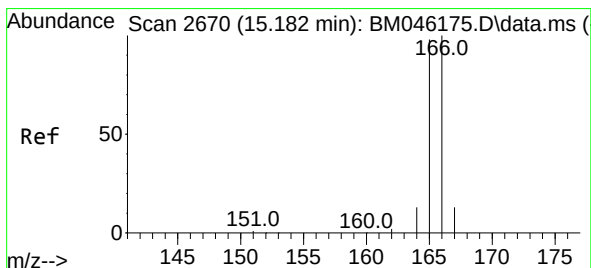
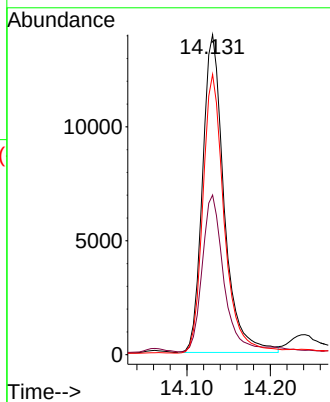
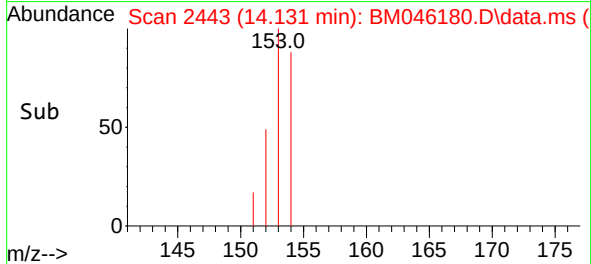
Instrument :
BNA_M
ClientSampleId :
A4B23DL



Tgt Ion:153 Resp: 25198
Ion Ratio Lower Upper
153 100
152 49.9 41.3 61.9
154 87.6 68.2 102.4

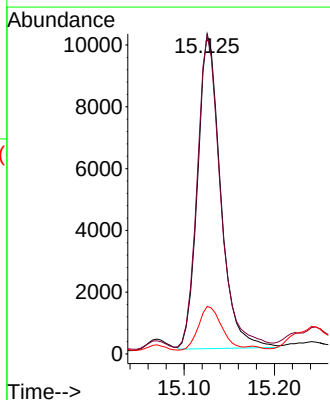
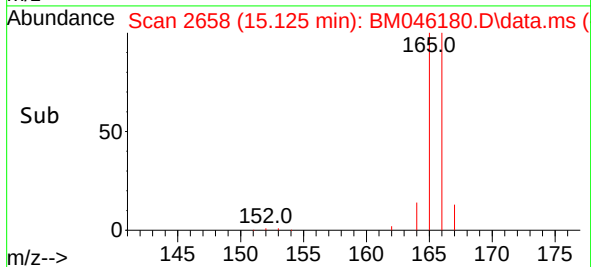
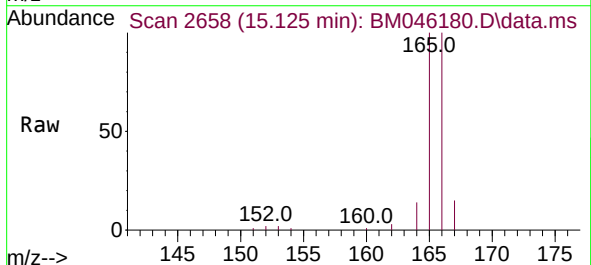
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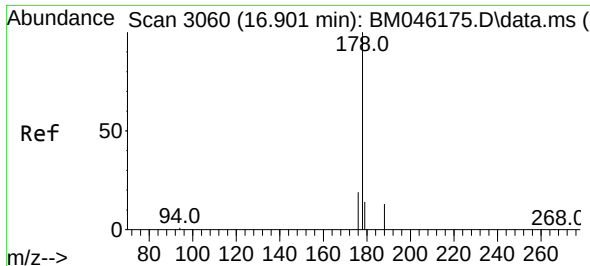
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.948 ng/ul
RT: 15.125 min Scan# 2658
Delta R.T. -0.055 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

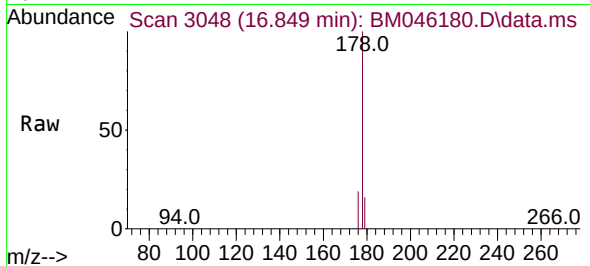
Tgt Ion:166 Resp: 18050
Ion Ratio Lower Upper
166 100
165 99.6 80.4 120.6
167 14.9 12.4 18.6





#15
Phenanthrene
Concen: 15.883 ng/ul
RT: 16.849 min Scan# 3060
Delta R.T. -0.055 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

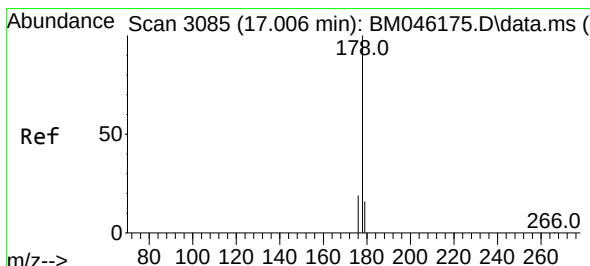
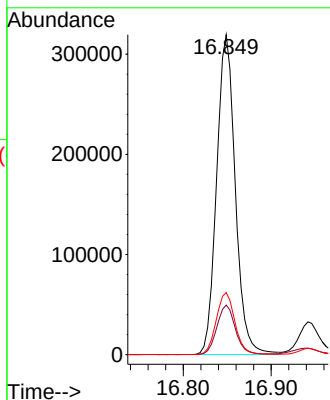
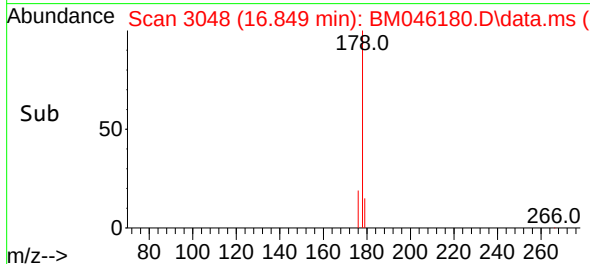
Instrument :
BNA_M
ClientSampleId :
A4B23DL



Tgt Ion:178 Resp: 47131
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.4 17.1 25.7

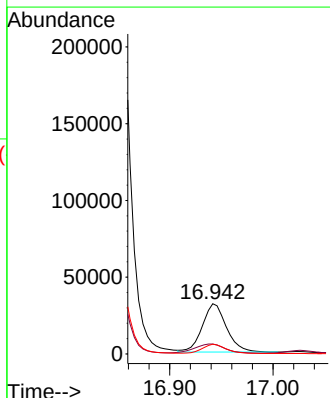
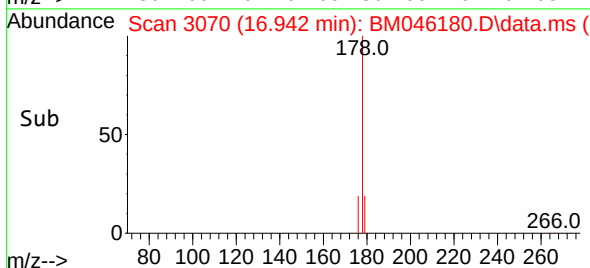
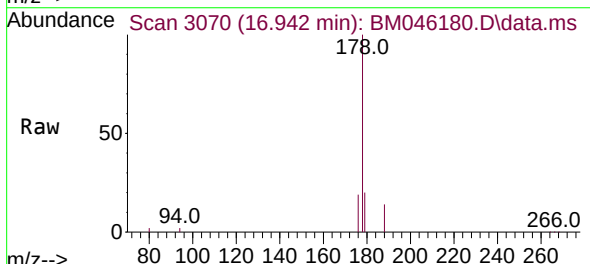
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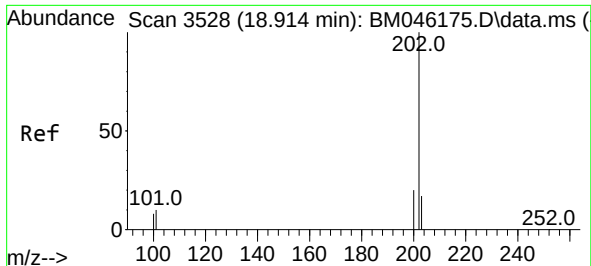
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 2.317 ng/ul
RT: 16.942 min Scan# 3070
Delta R.T. -0.063 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

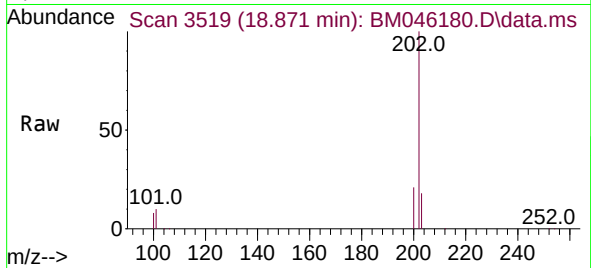
Tgt Ion:178 Resp: 51215
Ion Ratio Lower Upper
178 100
179 19.9 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 17.350 ng/u1
RT: 18.871 min Scan# 31
Delta R.T. -0.046 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

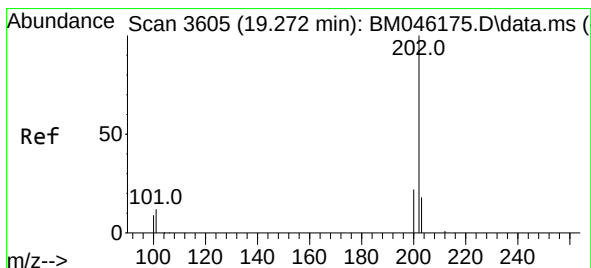
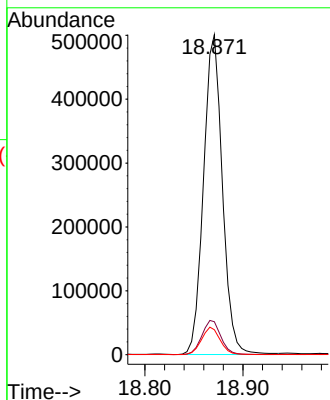
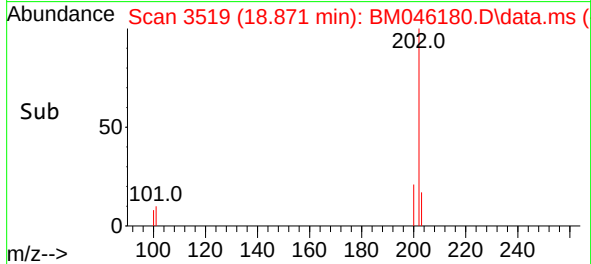
Instrument :
BNA_M
ClientSampleId :
A4B23DL



Tgt Ion:202 Resp: 670224
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 7.8 7.6 11.4

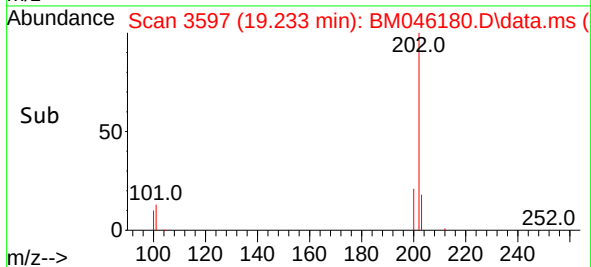
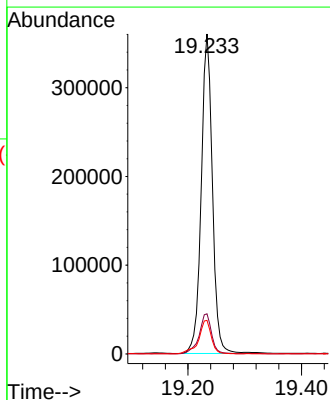
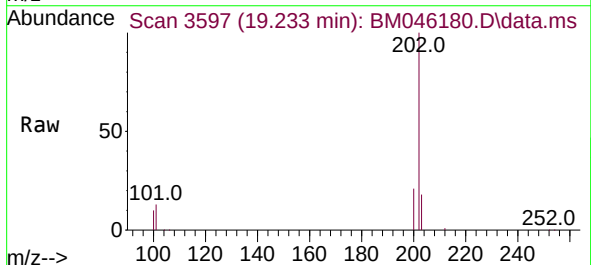
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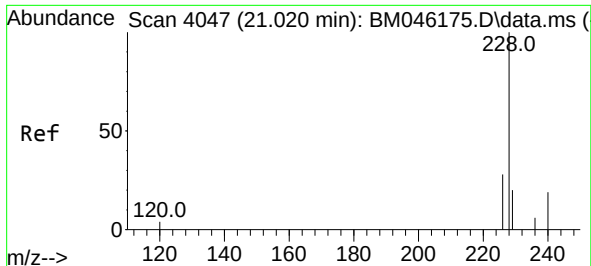
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 11.796 ng/u1
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

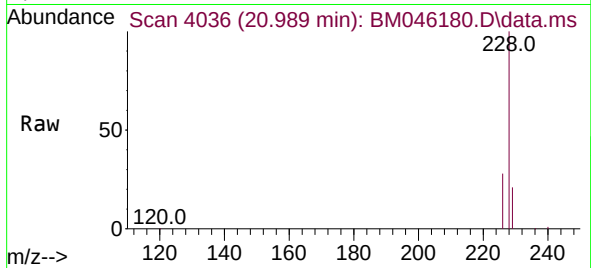
Tgt Ion:202 Resp: 492788
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 7.345 ng/ul
RT: 20.989 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

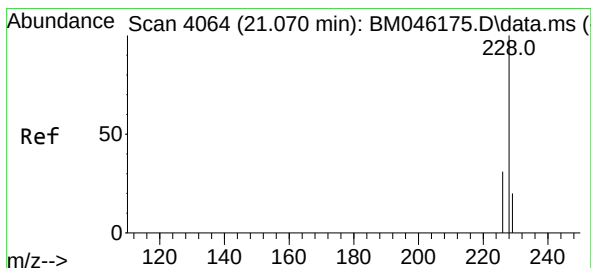
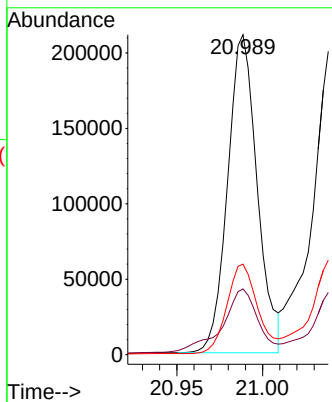
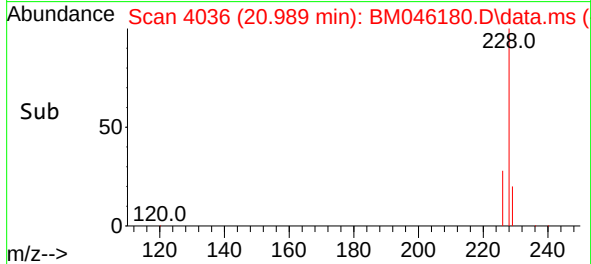
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Tgt Ion:228 Resp: 253138
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.3 23.4 35.2

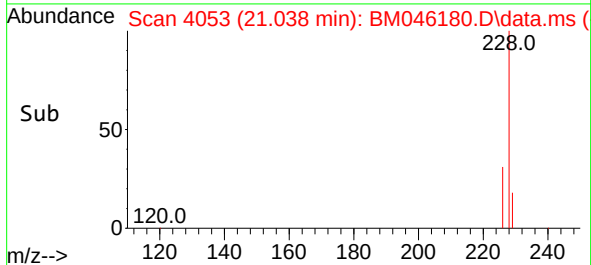
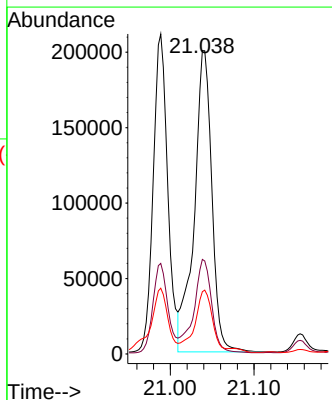
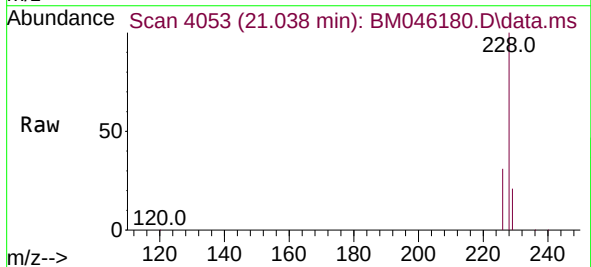
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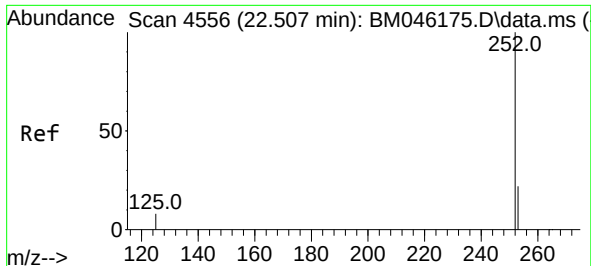
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 6.646 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.038 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

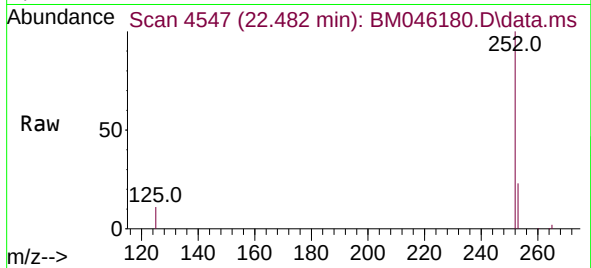
Tgt Ion:228 Resp: 292275
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 20.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 9.036 ng/ul m
RT: 22.482 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

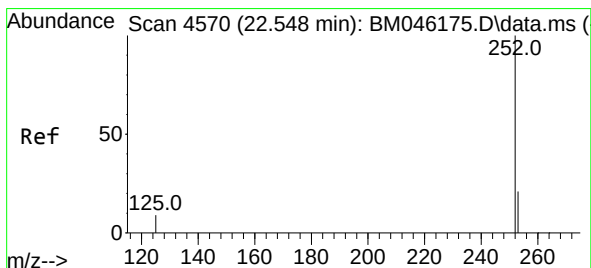
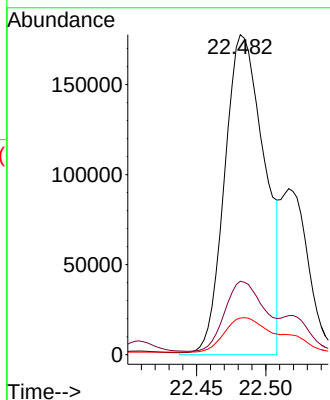
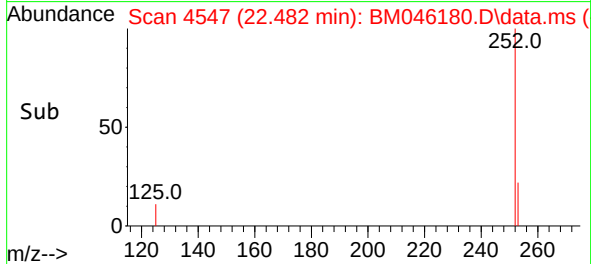
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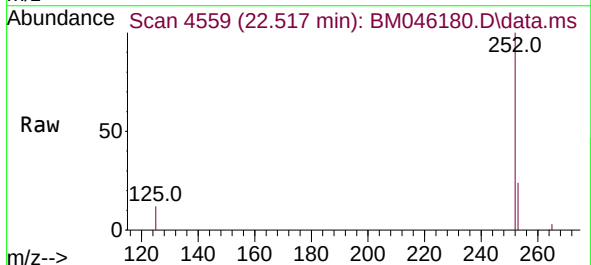
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Ion Ratio Lower Upper
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125 11.4 0.0 40.2

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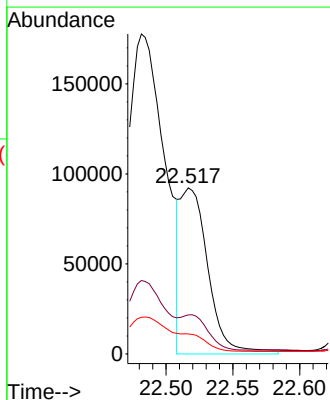
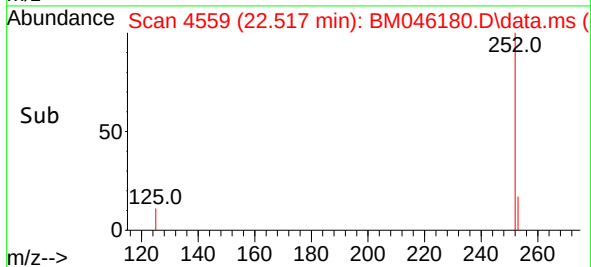
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

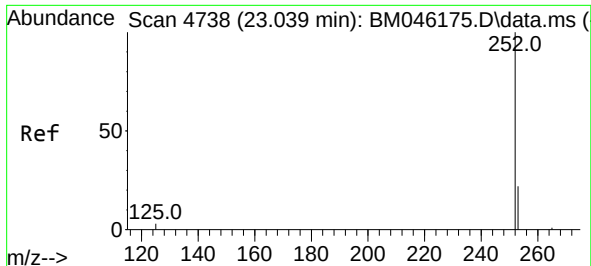


#25
Benzo(k)fluoranthene
Concen: 2.871 ng/ul m
RT: 22.517 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08



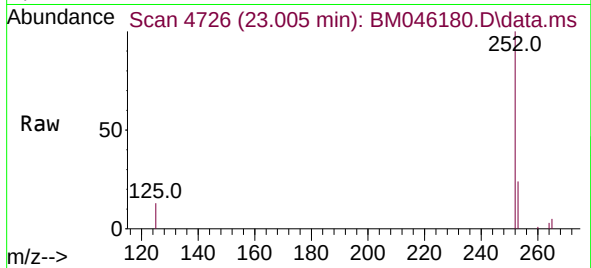
Tgt Ion:252 Resp: 134459
Ion Ratio Lower Upper
252 100
253 23.6 27.2 40.8#
125 12.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 3.535 ng/ul m
RT: 23.005 min Scan# 4
Delta R.T. -0.050 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

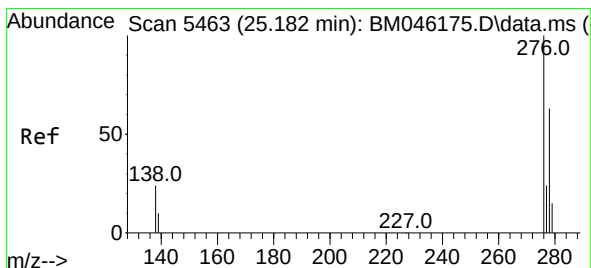
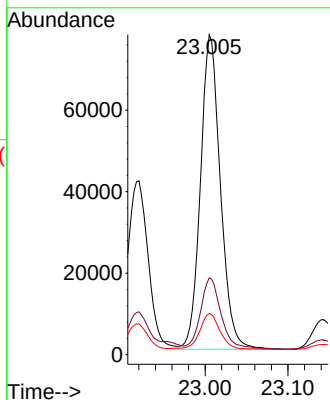
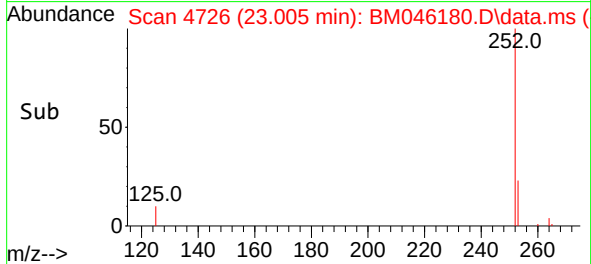
Instrument :
BNA_M
ClientSampleId :
A4B23DL



Tgt Ion:252 Resp: 129044
Ion Ratio Lower Upper
252 100
253 24.0 32.1 48.1
125 12.9 21.2 31.8

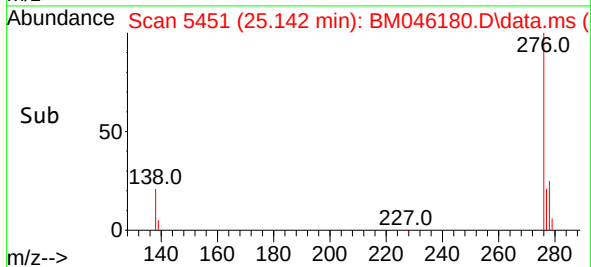
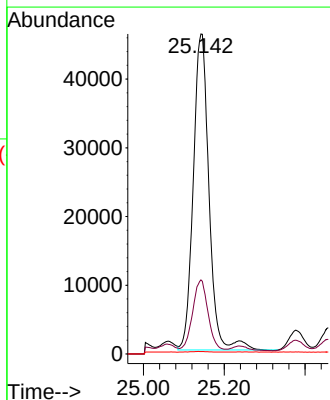
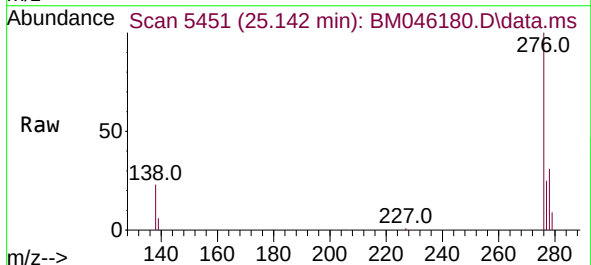
Manual Integrations
APPROVED

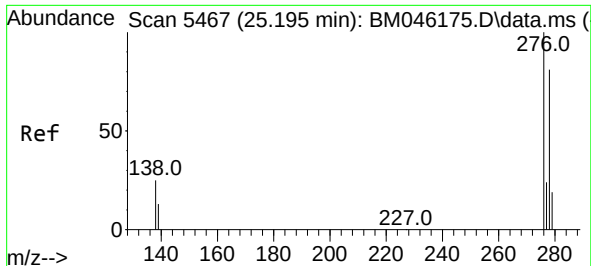
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.076 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.060 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

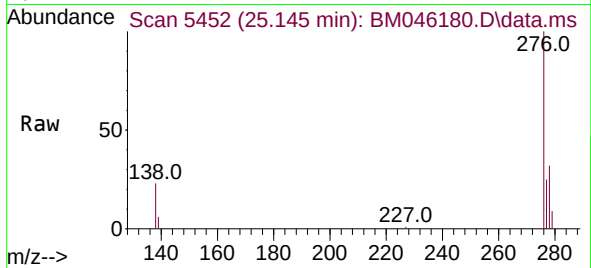
Tgt Ion:276 Resp: 124064
Ion Ratio Lower Upper
276 100
138 20.8 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.900 ng/ul
RT: 25.145 min Scan# 5467
Delta R.T. -0.070 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08

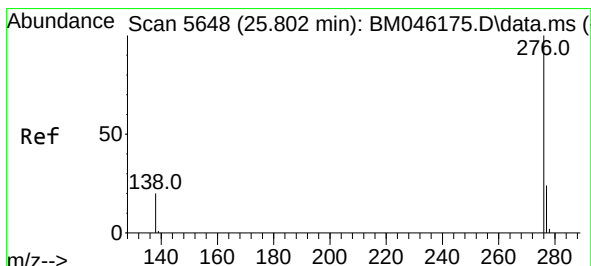
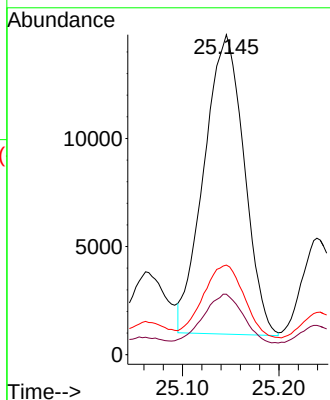
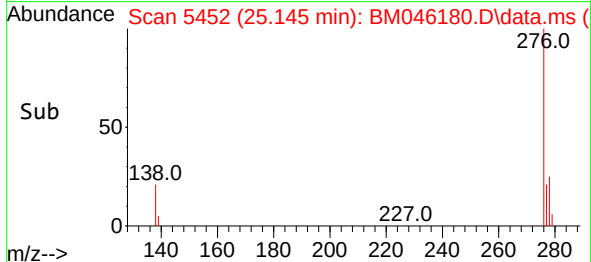
Instrument :
BNA_M
ClientSampleId :
A4B23DL



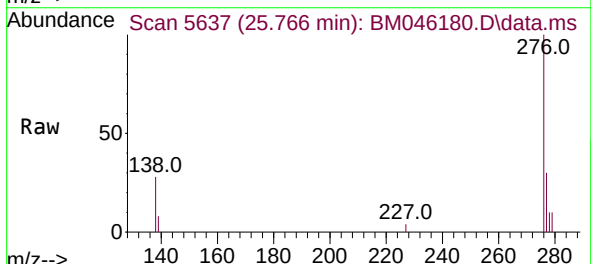
Tgt Ion:278 Resp: 4003
Ion Ratio Lower Upper
278 100
139 18.9 17.6 26.4
279 28.0 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 25.766 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046180.D
Acq: 22 Jun 2024 04:08



Tgt Ion:276 Resp: 16447
Ion Ratio Lower Upper
276 100
138 27.7 21.7 32.5
277 29.7 20.4 30.6

