

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046155.D
 Acq On : 21 Jun 2024 12:04
 Operator : MA/JU
 Sample : P2754-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP6

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 12:59:58 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2471	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	7113	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	3925	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.808	188	8845m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	6170m	0.400	ng/ul	-0.04
23) Perylene-d12	23.104	264	7806m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	16567	4.887	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.805	152	3683	0.386	ng/ul	-0.06
18) Fluoranthene-d10	18.840	212	8680	0.470	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.238	128	9406	0.474	ng/ul	95
7) 2-Methylnaphthalene	11.877	142	2970	0.266	ng/ul	94
8) 1-Methylnaphthalene	12.097	142	2325	0.190	ng/ul	99
10) Acenaphthylene	13.780	152	19054	1.023	ng/ul	98
11) Acenaphthene	14.127	153	9640	0.717	ng/ul	99
12) Fluorene	15.122	166	11421	0.792	ng/ul	100
15) Phenanthrene	16.846	178	278364m	11.202	ng/ul	
16) Anthracene	16.943	178	52929m	2.860	ng/ul	
19) Fluoranthene	18.872	202	689870	25.823	ng/ul	96
20) Pyrene	19.235	202	479711	16.604	ng/ul	97
21) Benzo(a)anthracene	20.991	228	300694m	12.617	ng/ul	
22) Chrysene	21.044	228	343484	11.293	ng/ul	99
24) Benzo(b)fluoranthene	22.487	252	514179m	18.283	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	191336m	5.723	ng/ul	
26) Benzo(a)pyrene	23.013	252	184254	7.070	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.148	276	198482	4.654	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.148	278	62350	1.964	ng/ul	93
29) Benzo(g,h,i)perylene	25.772	276	28148	0.770	ng/ul	96

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

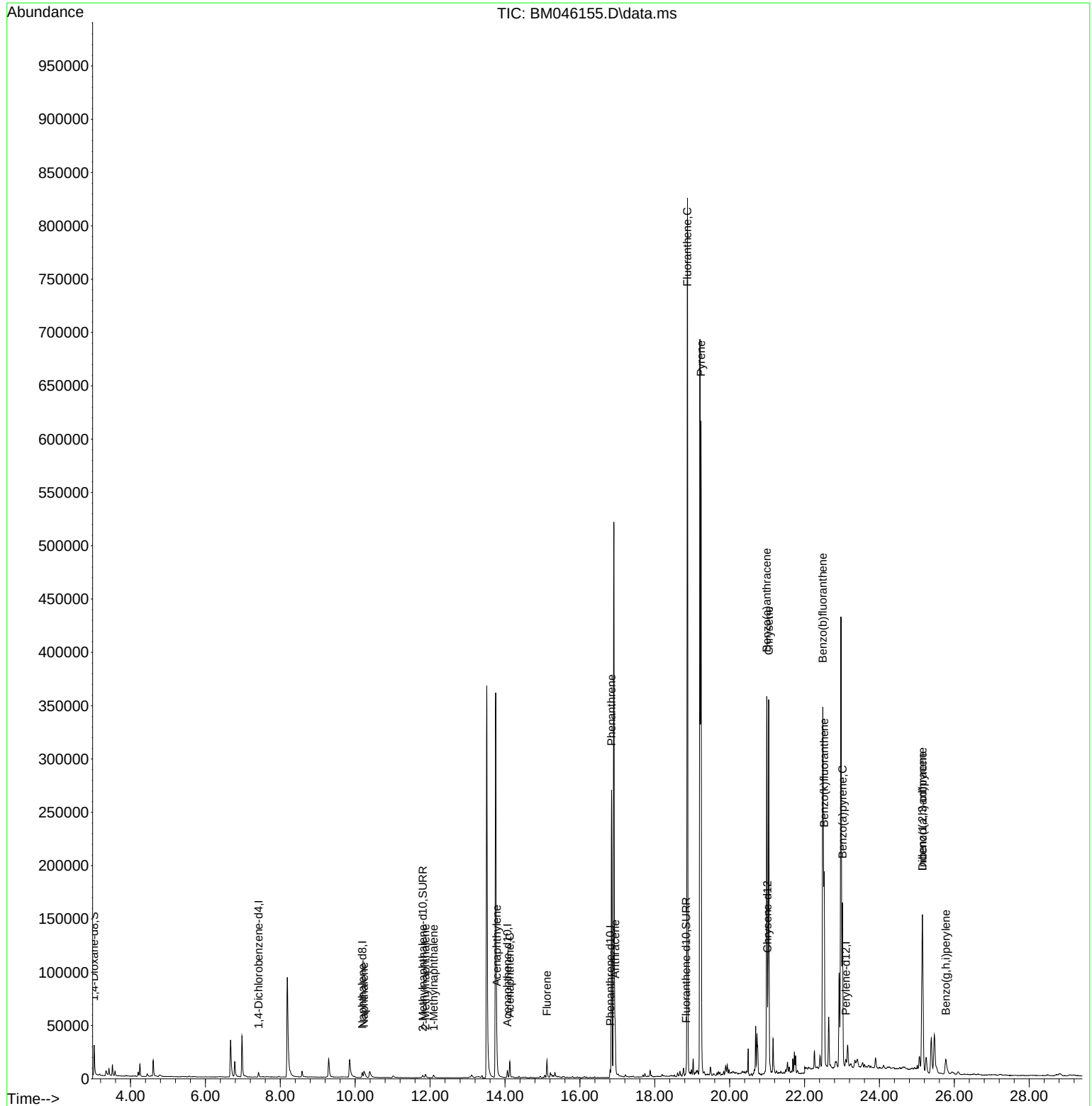
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046155.D
Acq On : 21 Jun 2024 12:04
Operator : MA/JU
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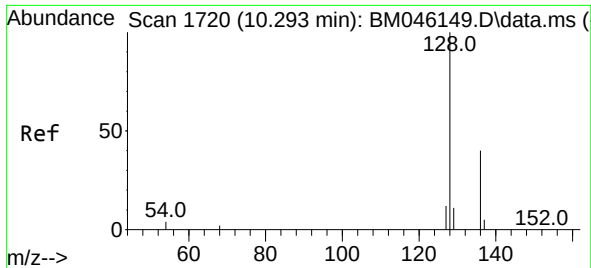
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Quant Time: Jun 21 12:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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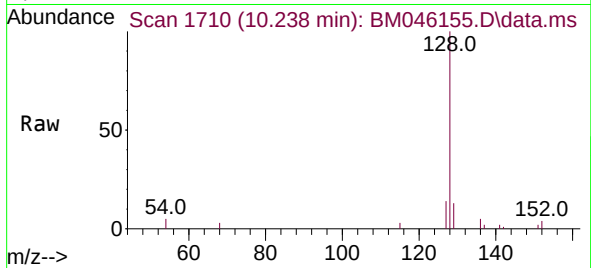
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024





#5
Naphthalene
Concen: 0.474 ng/ul
RT: 10.238 min Scan# 1710
Delta R.T. -0.065 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

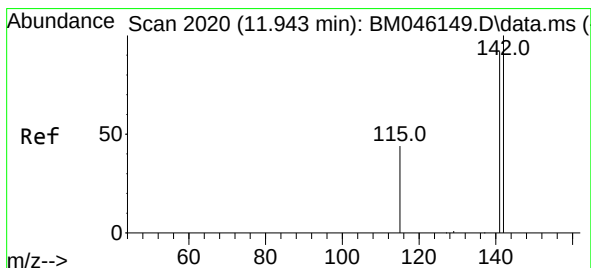
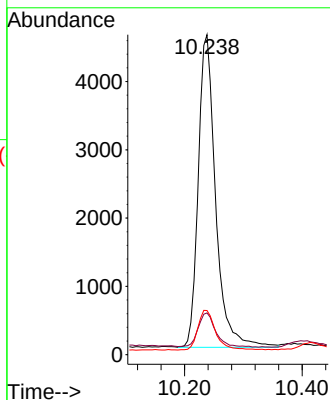
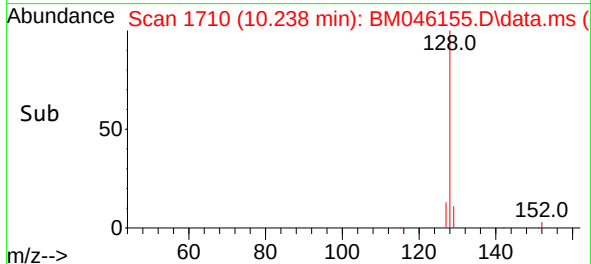
Instrument :
BNA_M
ClientSampleId :
A4BP6



Tgt Ion:128 Resp: 9400
Ion Ratio Lower Upper
128 100
129 13.1 11.8 17.6
127 13.8 12.8 19.2

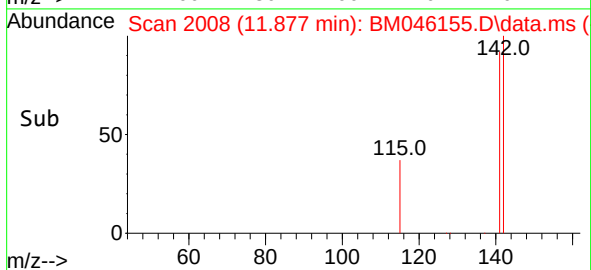
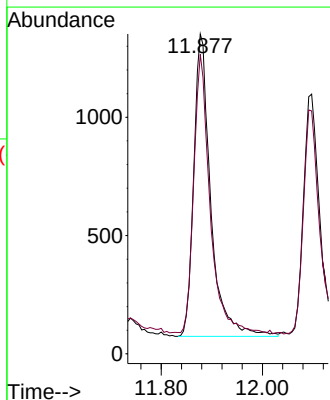
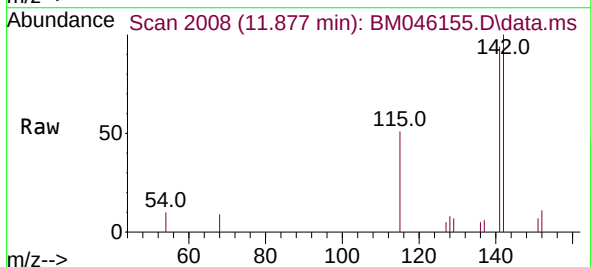
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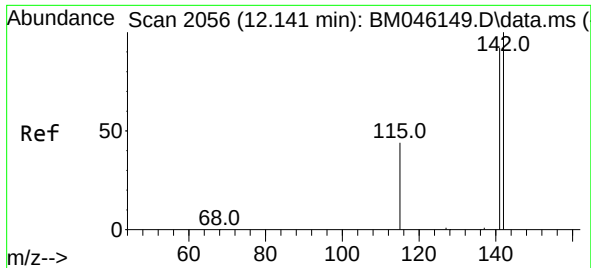
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.266 ng/ul
RT: 11.877 min Scan# 2008
Delta R.T. -0.070 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

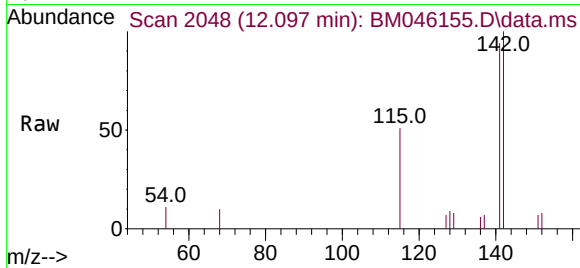
Tgt Ion:142 Resp: 2970
Ion Ratio Lower Upper
142 100
141 87.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.097 min Scan# 2056
Delta R.T. -0.054 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

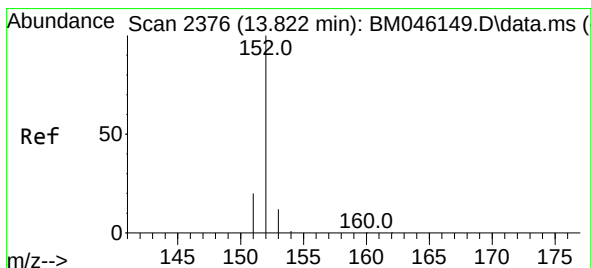
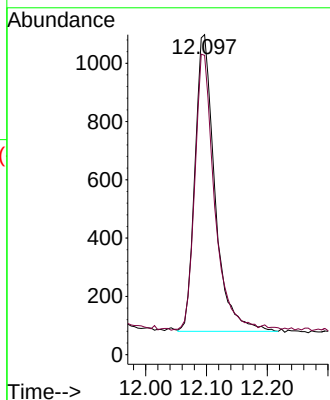
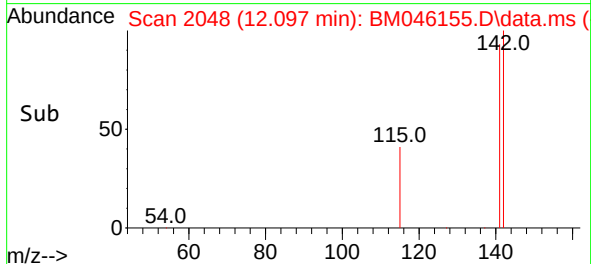
Instrument :
BNA_M
ClientSampleId :
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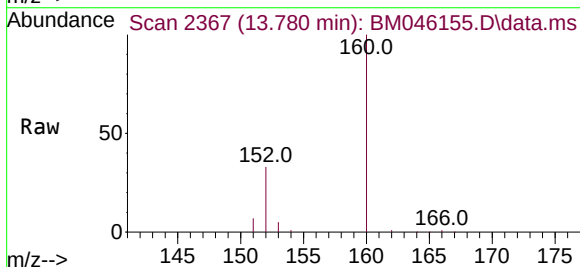
Tgt Ion:142 Resp: 2325
Ion Ratio Lower Upper
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141 93.0 75.2 112.8

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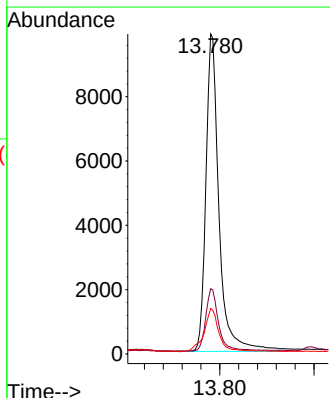
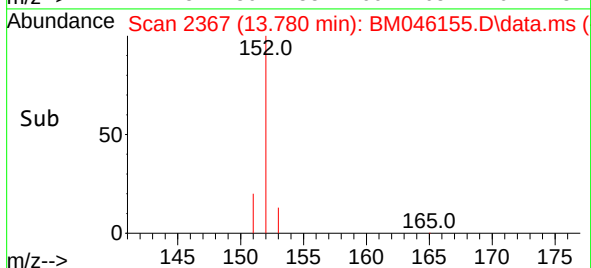
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

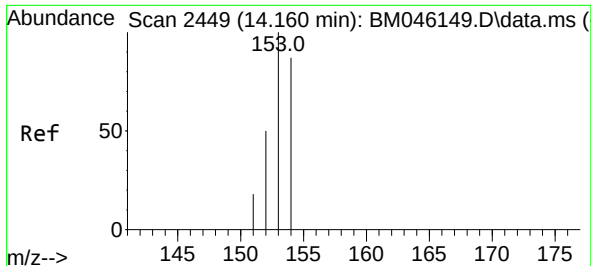


#10
Acenaphthylene
Concen: 1.023 ng/ul
RT: 13.780 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04



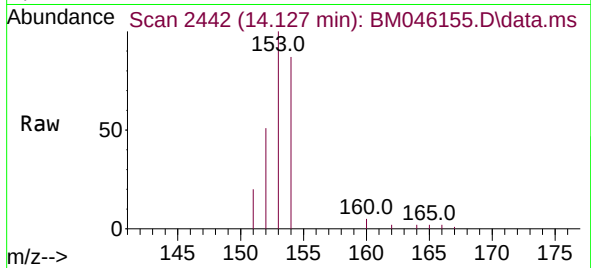
Tgt Ion:152 Resp: 19054
Ion Ratio Lower Upper
152 100
151 20.4 17.4 26.2
153 14.2 11.8 17.8





#11
Acenaphthene
Concen: 0.717 ng/ul
RT: 14.127 min Scan# 2442
Delta R.T. -0.045 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

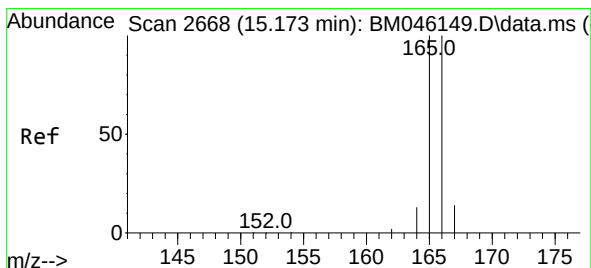
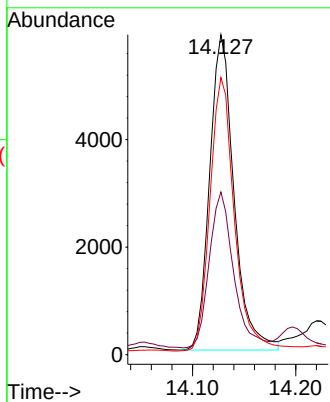
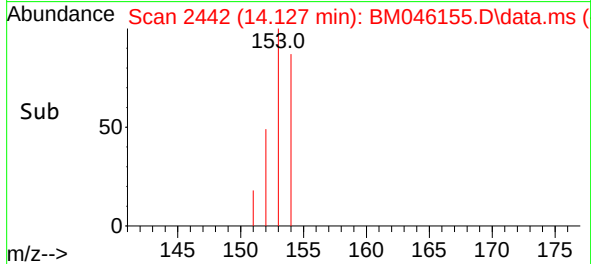
Instrument :
BNA_M
ClientSampleId :
A4BP6



Tgt Ion:153 Resp: 9640
Ion Ratio Lower Upper
153 100
152 50.8 41.3 61.9
154 86.6 68.2 102.4

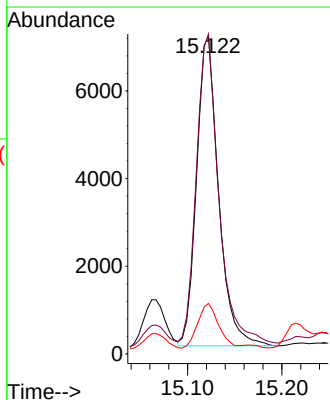
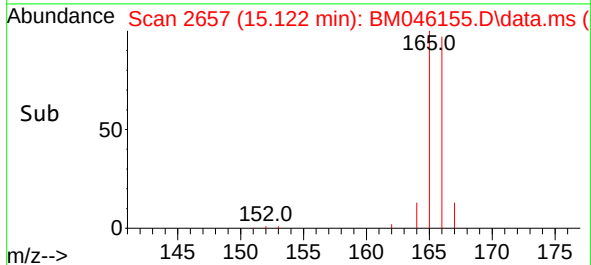
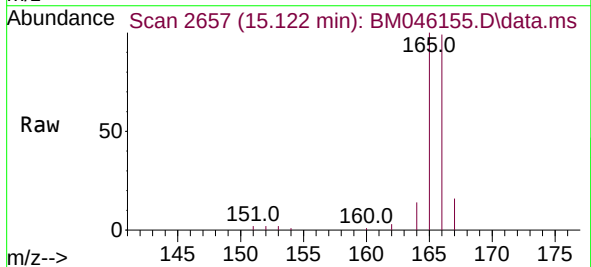
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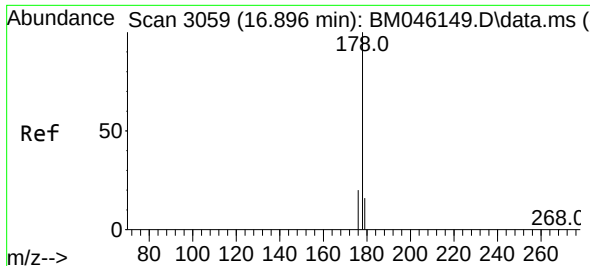
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.792 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

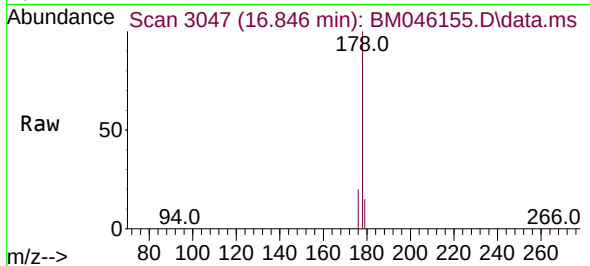
Tgt Ion:166 Resp: 11421
Ion Ratio Lower Upper
166 100
165 100.7 80.4 120.6
167 15.9 12.4 18.6





#15
Phenanthrene
Concen: 11.202 ng/ul m
RT: 16.846 min Scan# 3059
Delta R.T. -0.058 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

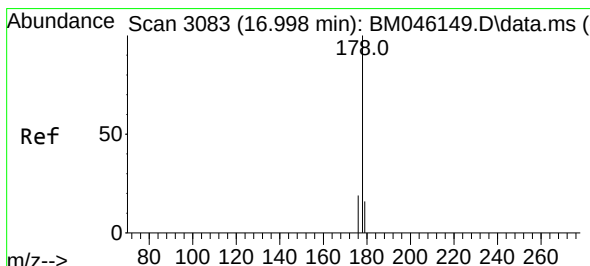
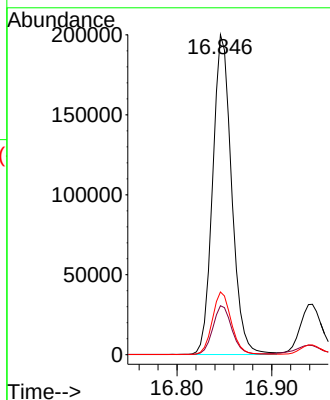
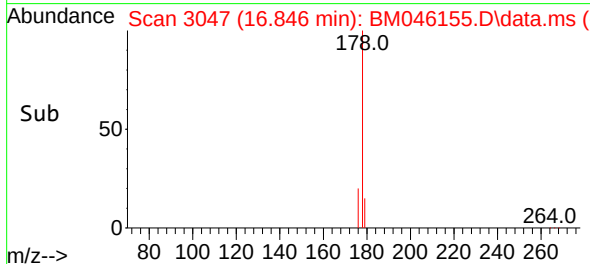
Instrument :
BNA_M
ClientSampleId :
A4BP6



Tgt Ion:178 Resp: 278364
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.6 17.1 25.7

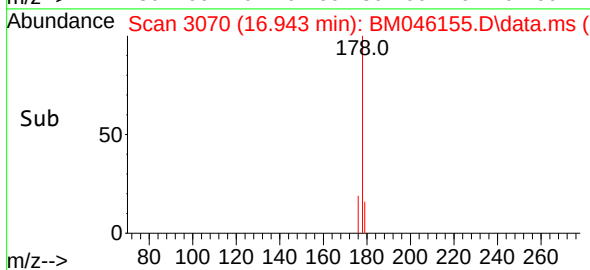
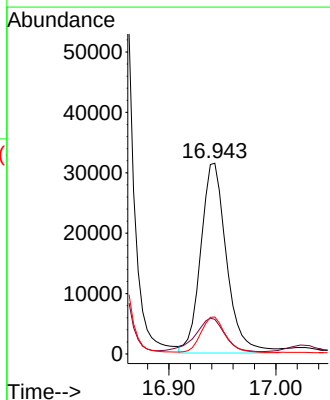
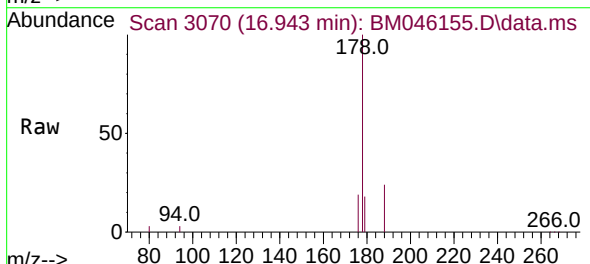
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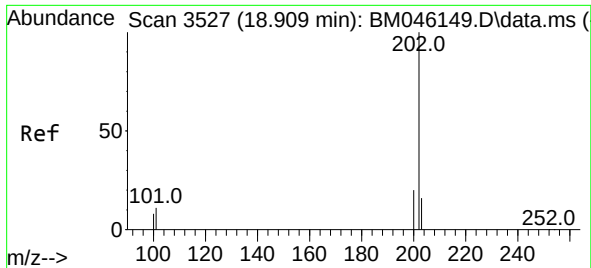
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 2.860 ng/ul m
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

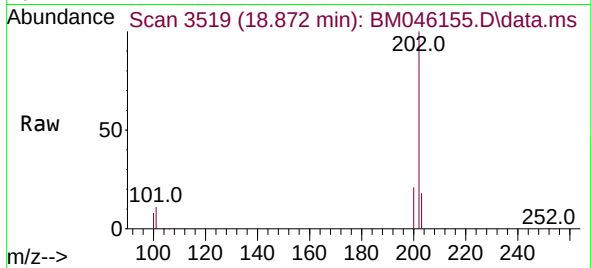
Tgt Ion:178 Resp: 52929
Ion Ratio Lower Upper
178 100
179 18.1 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 25.823 ng/u1
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

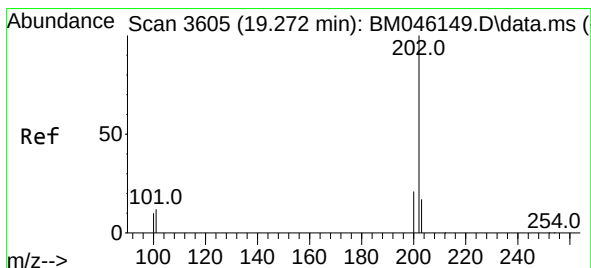
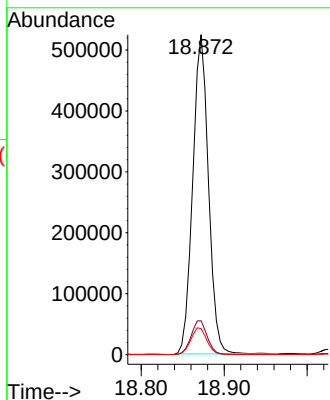
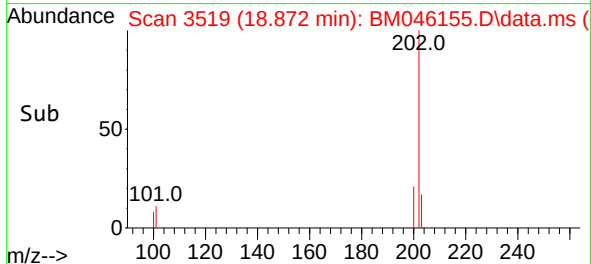
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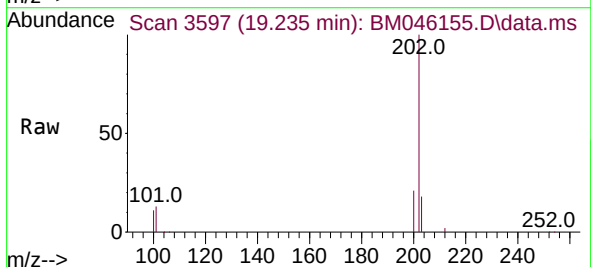
Tgt Ion:202 Resp: 689870
Ion Ratio Lower Upper
202 100
101 10.6 9.6 14.4
100 8.2 7.6 11.4

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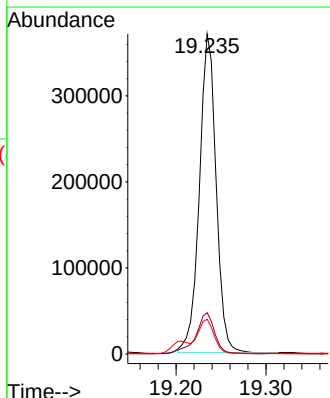
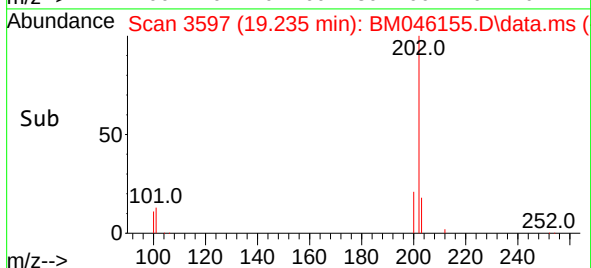
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

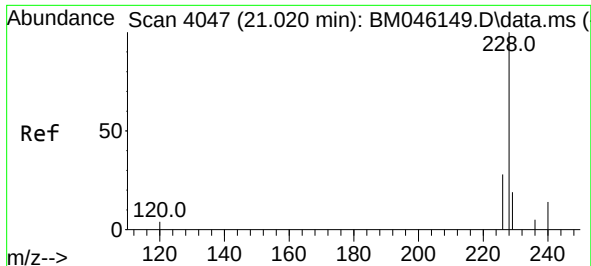


#20
Pyrene
Concen: 16.604 ng/u1
RT: 19.235 min Scan# 3597
Delta R.T. -0.040 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04



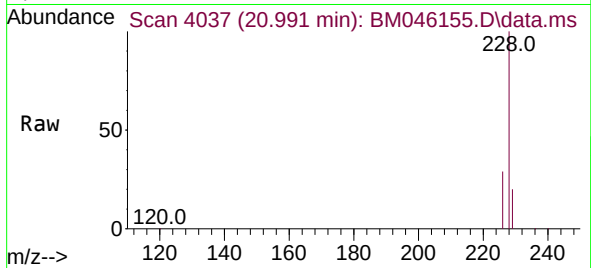
Tgt Ion:202 Resp: 479711
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 12.617 ng/ul m
RT: 20.991 min Scan# 40
Delta R.T. -0.038 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

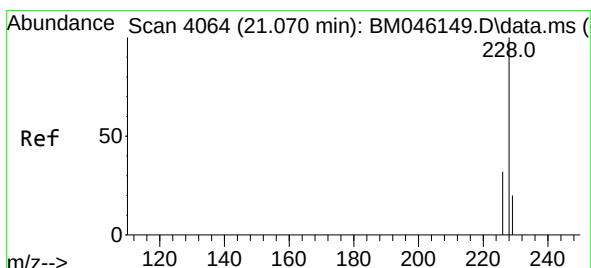
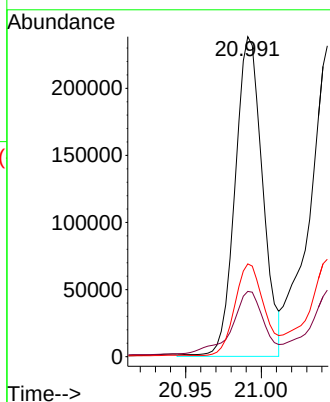
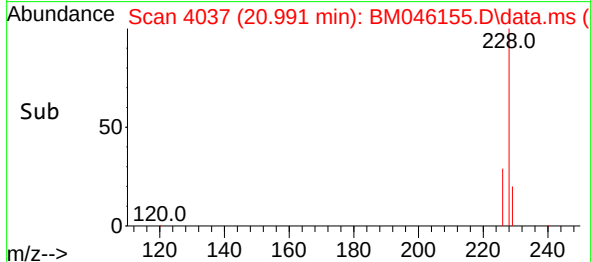
Instrument :
BNA_M
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Tgt Ion:228 Resp: 300694
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 29.0 23.4 35.2

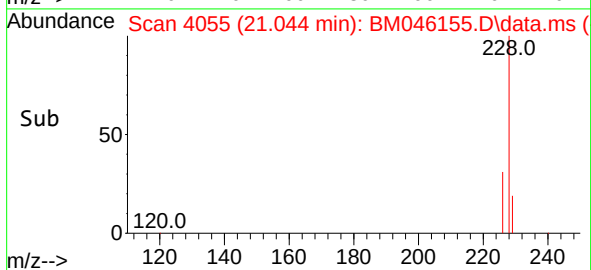
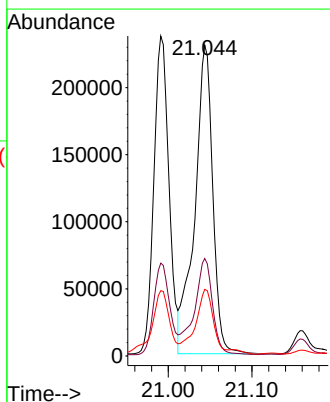
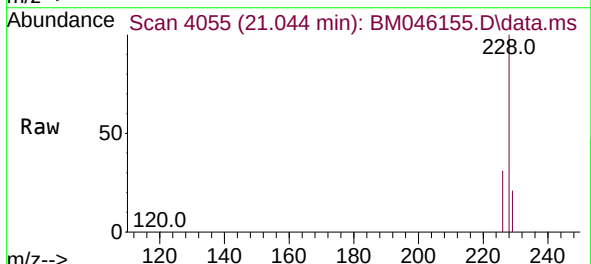
Manual Integrations
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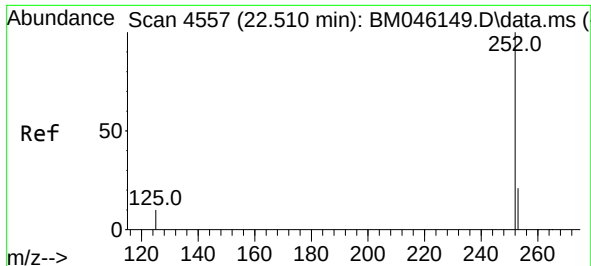
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 11.293 ng/ul
RT: 21.044 min Scan# 4055
Delta R.T. -0.032 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

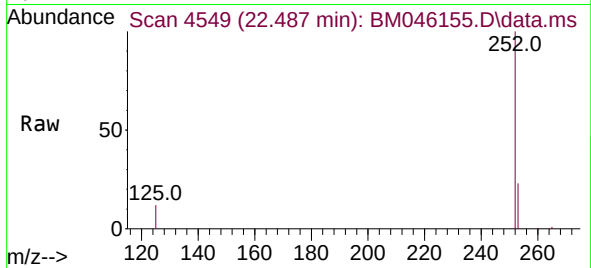
Tgt Ion:228 Resp: 343484
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 18.283 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

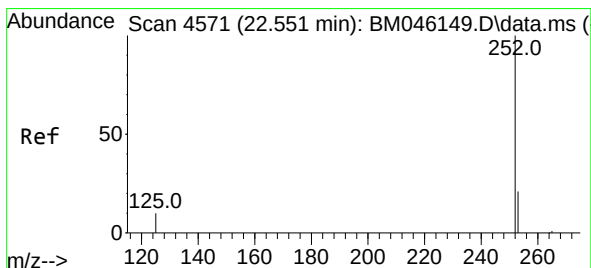
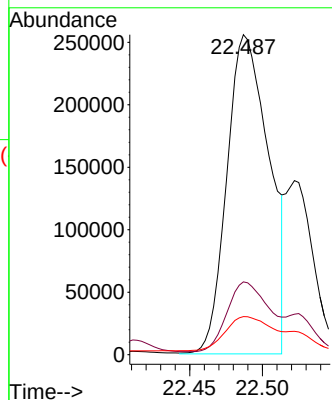
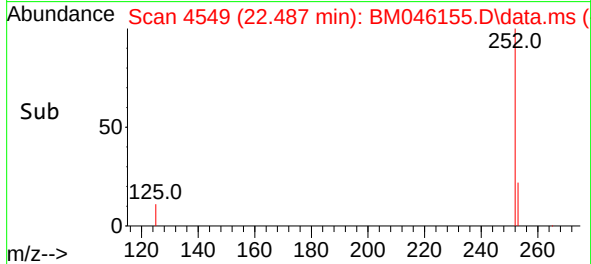
Instrument :
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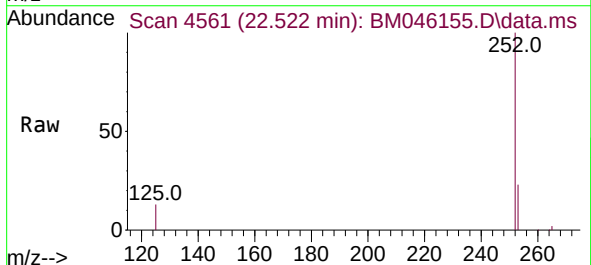
Tgt Ion:252 Resp: 514179
Ion Ratio Lower Upper
252 100
253 22.7 0.0 65.8
125 11.9 0.0 40.2

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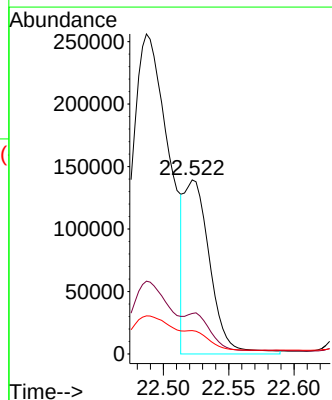
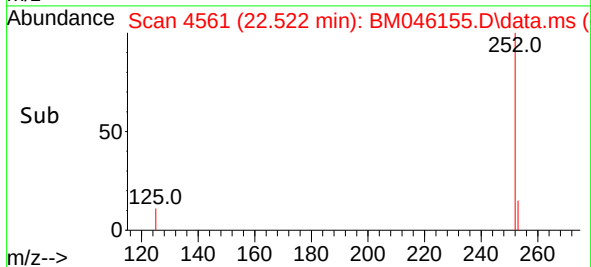
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

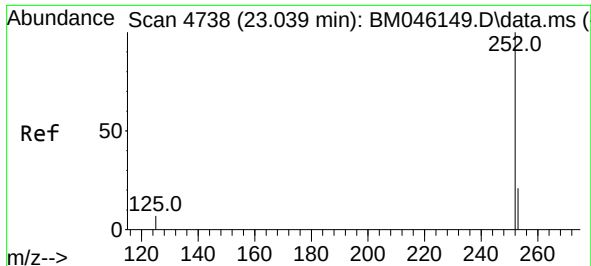


#25
Benzo(k)fluoranthene
Concen: 5.723 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04



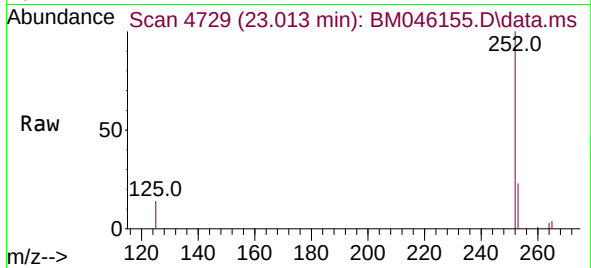
Tgt Ion:252 Resp: 191336
Ion Ratio Lower Upper
252 100
253 23.3 27.2 40.8#
125 13.4 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 7.070 ng/ul
RT: 23.013 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

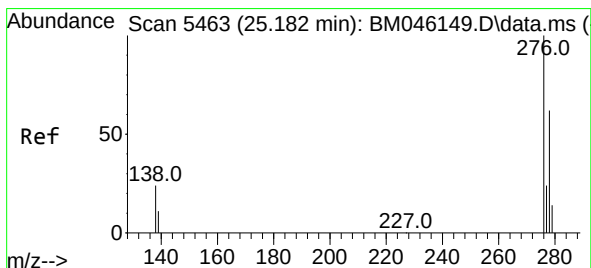
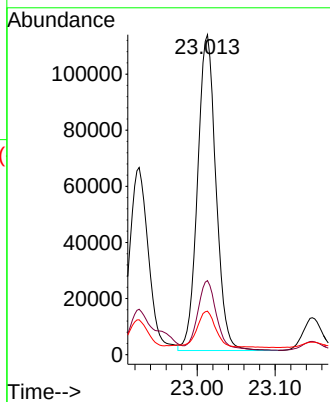
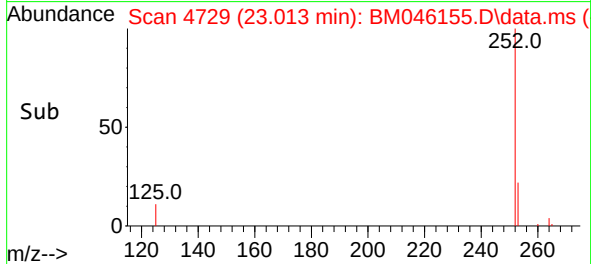
Instrument :
BNA_M
ClientSampleId :
A4BP6



Tgt Ion:252 Resp: 184254
Ion Ratio Lower Upper
252 100
253 23.1 32.1 48.1
125 13.6 21.2 31.8

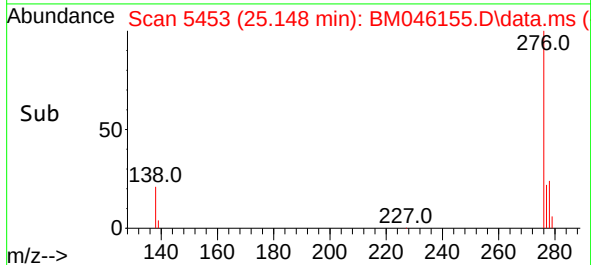
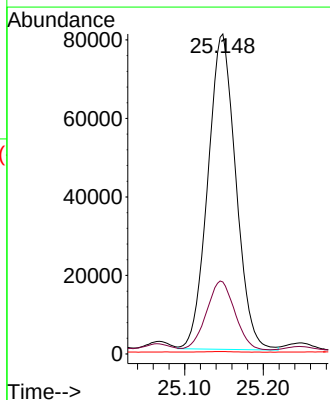
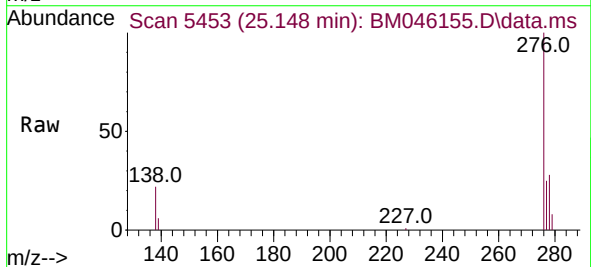
Manual Integrations
APPROVED

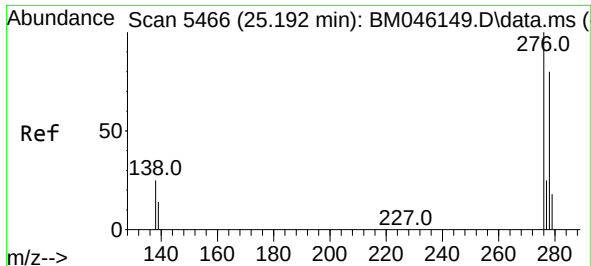
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.654 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

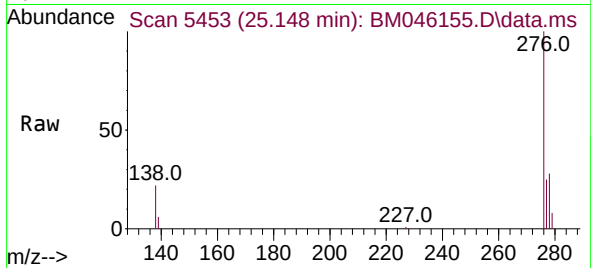
Tgt Ion:276 Resp: 198482
Ion Ratio Lower Upper
276 100
138 22.1 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.964 ng/ul
RT: 25.148 min Scan# 5466
Delta R.T. -0.067 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04

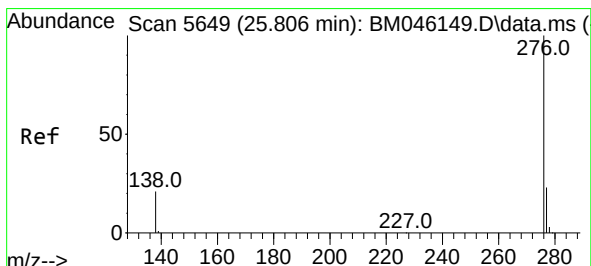
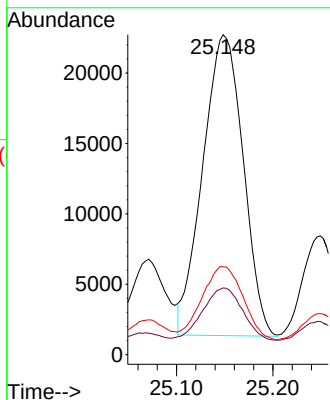
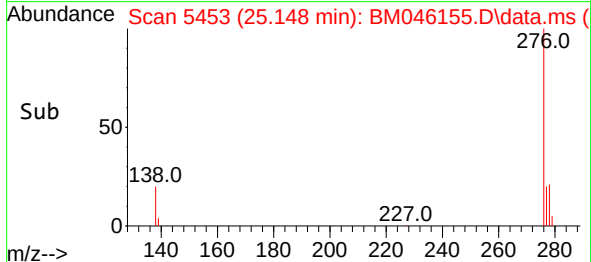
Instrument :
BNA_M
ClientSampleId :
A4BP6



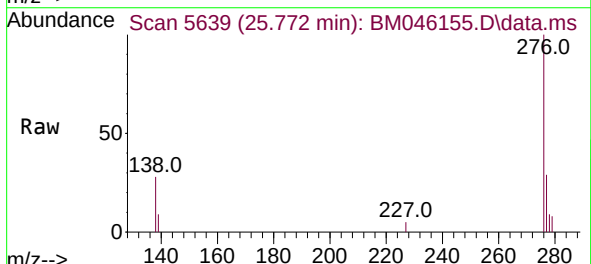
Tgt Ion:278 Resp: 62350
Ion Ratio Lower Upper
278 100
139 20.9 17.6 26.4
279 27.4 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.770 ng/ul
RT: 25.772 min Scan# 5639
Delta R.T. -0.057 min
Lab File: BM046155.D
Acq: 21 Jun 2024 12:04



Tgt Ion:276 Resp: 28148
Ion Ratio Lower Upper
276 100
138 28.0 21.7 32.5
277 28.6 20.4 30.6

