

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046254.D
 Acq On : 24 Jun 2024 15:40
 Operator : MA/JU
 Sample : P2775-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 24 16:25:18 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	1902	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.216	136	5434	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.062	164	3234	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.812	188	6343	0.400	ng/ul	-0.05
17) Chrysene-d12	21.005	240	5358	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	6203m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1920	0.736	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	444	0.061	ng/ul	-0.02
18) Fluoranthene-d10	18.839	212	1197	0.075	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.265	128	792	0.052	ng/ul#	54
7) 2-Methylnaphthalene	11.915	142	249	0.029	ng/ul	92
8) 1-Methylnaphthalene	12.119	142	276	0.029	ng/ul	92
10) Acenaphthylene	13.785	152	1975	0.129	ng/ul#	84
11) Acenaphthene	14.127	153	1185	0.107	ng/ul	96
12) Fluorene	15.126	166	1360	0.114	ng/ul#	95
15) Phenanthrene	16.854	178	29323	1.645	ng/ul	96
16) Anthracene	16.943	178	5555	0.419	ng/ul#	95
19) Fluoranthene	18.872	202	74280	3.202	ng/ul	95
20) Pyrene	19.230	202	56593	2.256	ng/ul	96
21) Benzo(a)anthracene	20.991	228	32711	1.581	ng/ul	100
22) Chrysene	21.043	228	32616	1.235	ng/ul	99
24) Benzo(b)fluoranthene	22.484	252	51110m	2.287	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	19665m	0.740	ng/ul	
26) Benzo(a)pyrene	23.004	252	20017m	0.967	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.145	276	20538	0.606	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.145	278	5862	0.232	ng/ul	91
29) Benzo(g,h,i)perylene	25.765	276	2841	0.098	ng/ul#	71

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

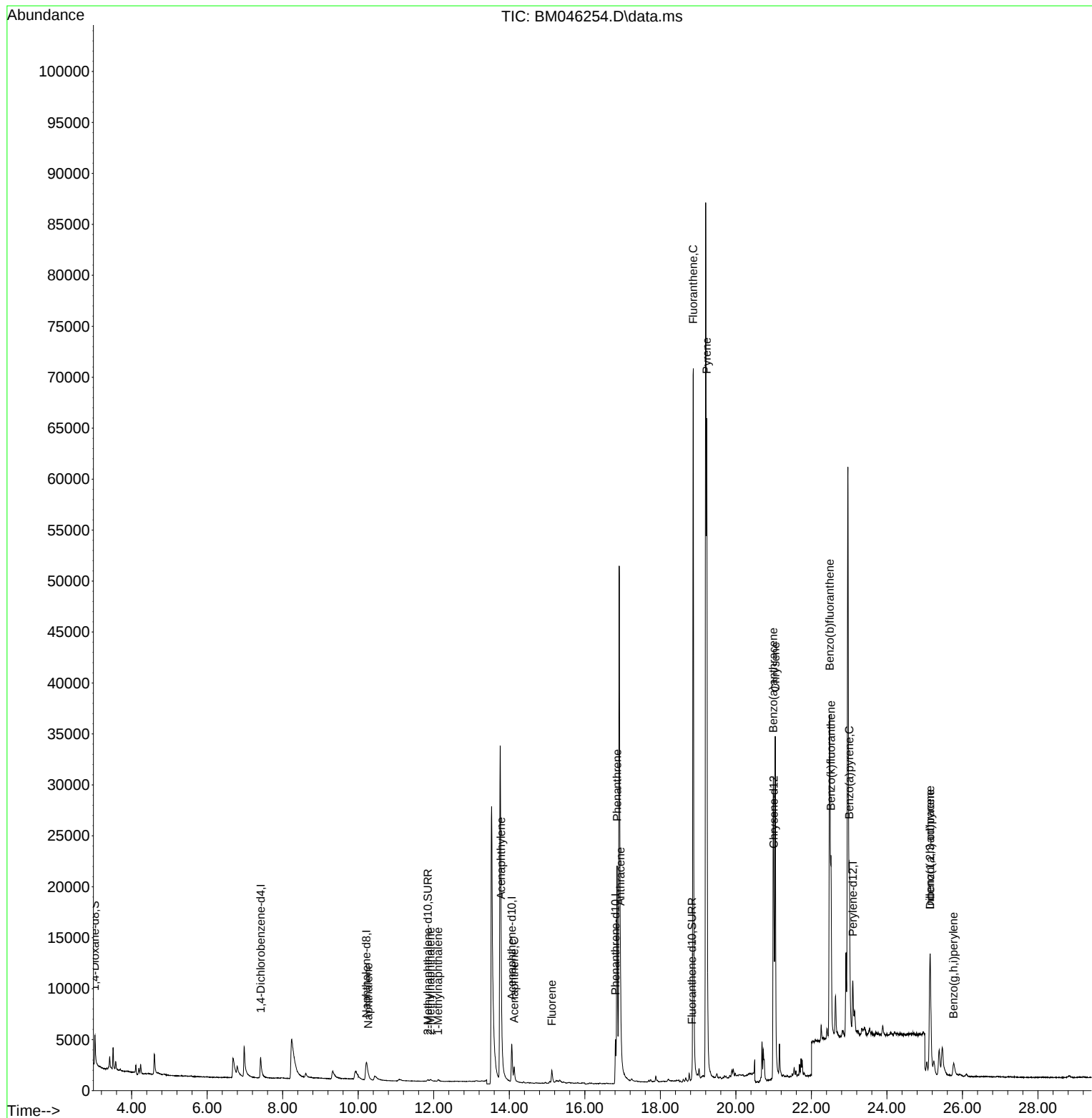
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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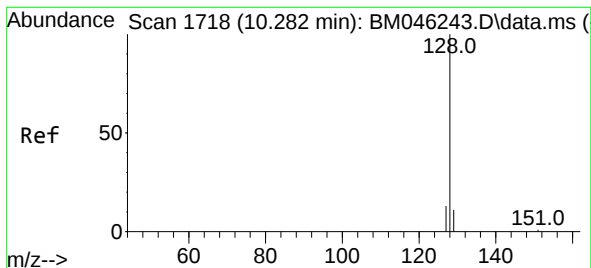
Instrument :
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QLast Update : Mon Jun 24 02:25:34 2024
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#5

Naphthalene

Concen: 0.052 ng/ul

RT: 10.265 min Scan# 1715

Delta R.T. -0.037 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :

A4BQ3DL

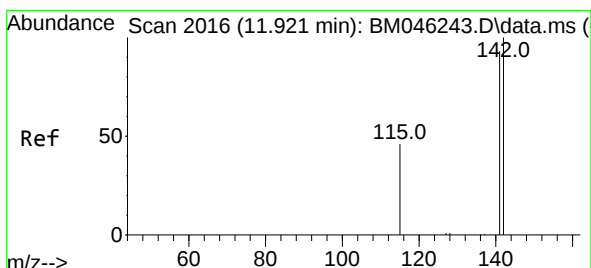
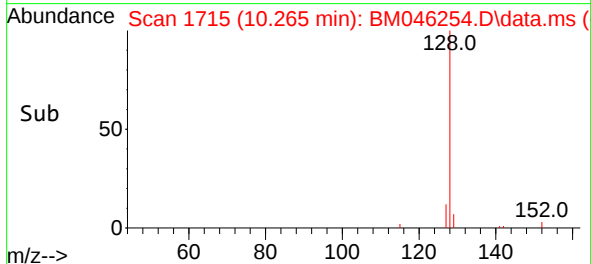
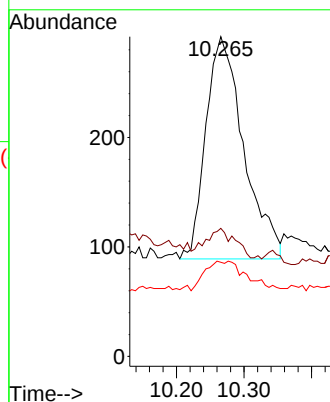
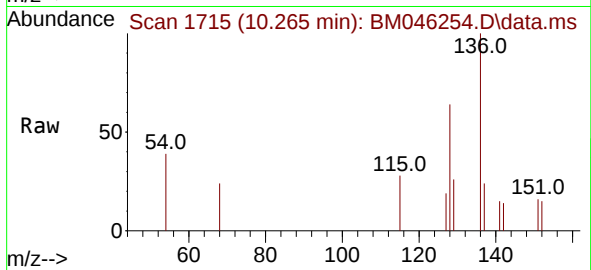
Tgt Ion:128	Resp:	792
Ion Ratio	Lower	Upper
128	100	
129	40.1	11.8 17.6
127	29.5	12.8 19.2

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#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

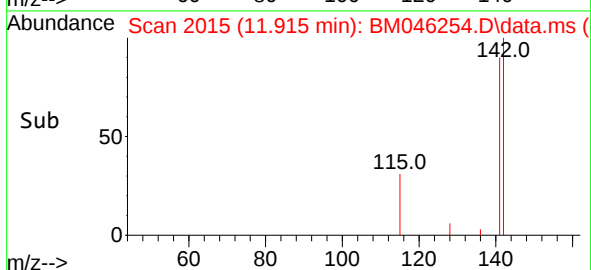
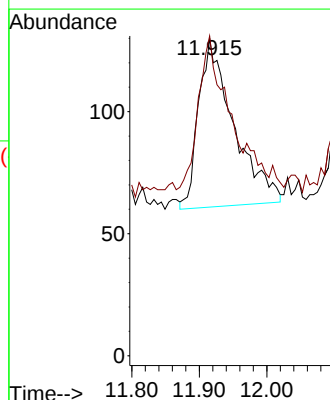
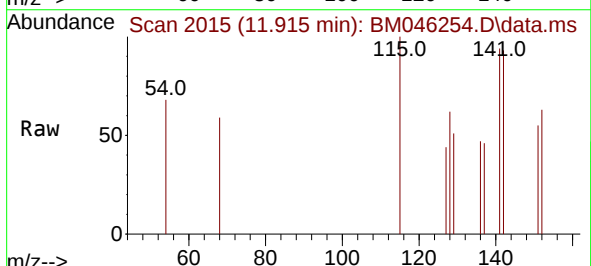
RT: 11.915 min Scan# 2015

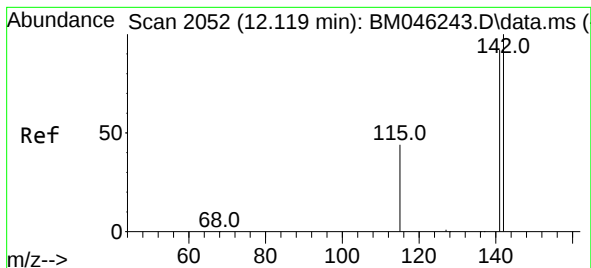
Delta R.T. -0.032 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

Tgt Ion:142	Resp:	249
Ion Ratio	Lower	Upper
142	100	
141	85.5	74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.119 min Scan# 2052

Delta R.T. -0.032 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :

A4BQ3DL

Tgt Ion:142 Resp: 270

Ion Ratio Lower Upper

142 100

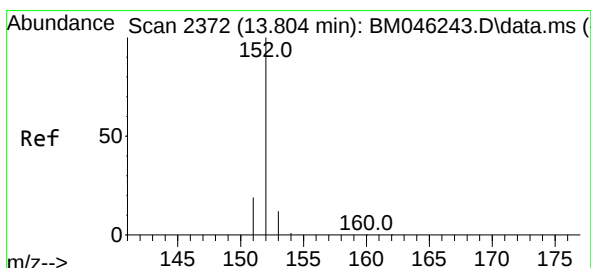
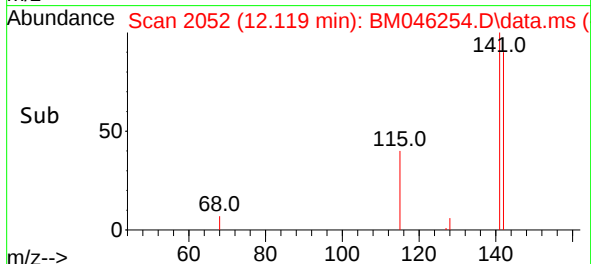
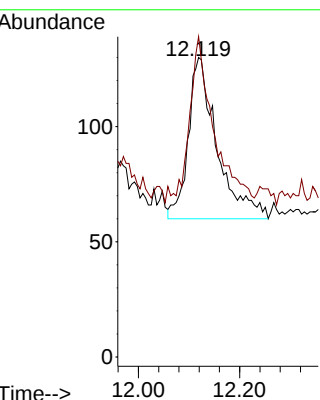
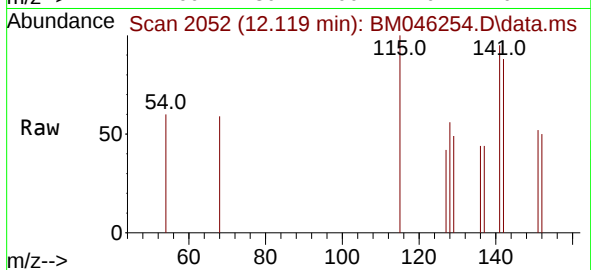
141 85.9 75.2 112.8

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#10

Acenaphthylene

Concen: 0.129 ng/ul

RT: 13.785 min Scan# 2368

Delta R.T. -0.050 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

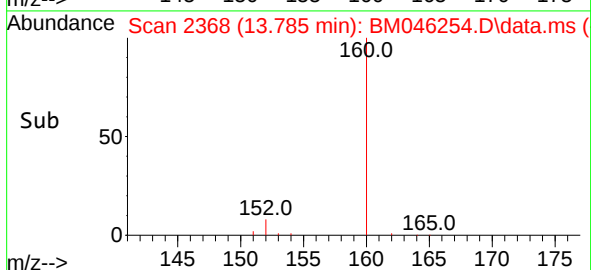
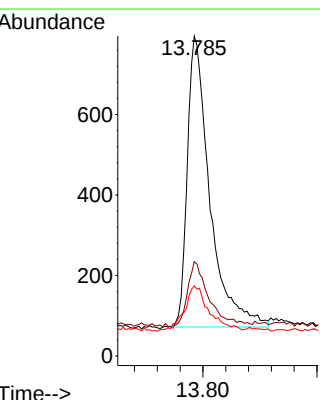
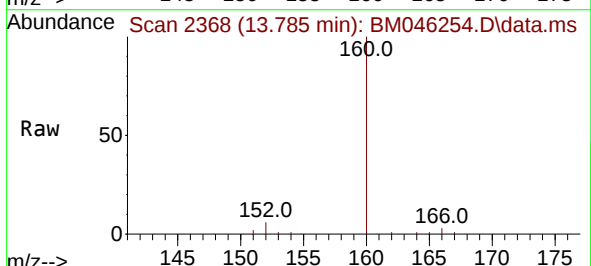
Tgt Ion:152 Resp: 1975

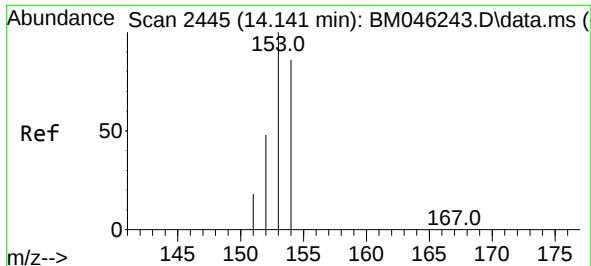
Ion Ratio Lower Upper

152 100

151 29.4 17.4 26.2#

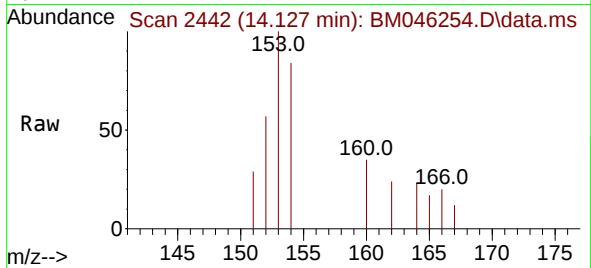
153 21.9 11.8 17.8#





#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.127 min Scan# 2442
Delta R.T. -0.045 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

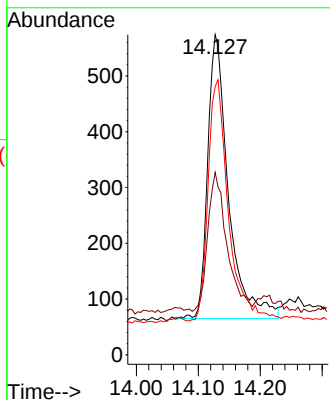
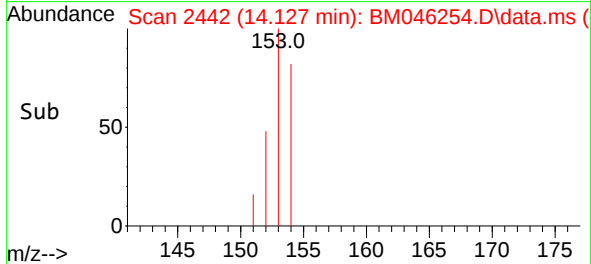
Instrument :
BNA_M
ClientSampleId :
A4BQ3DL



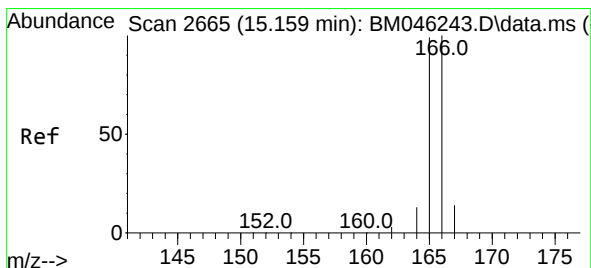
Tgt Ion:153 Resp: 1185
Ion Ratio Lower Upper
153 100
152 57.0 41.3 61.9
154 83.8 68.2 102.4

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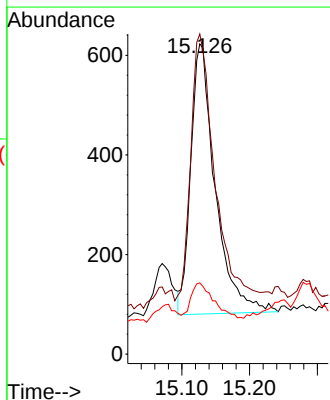
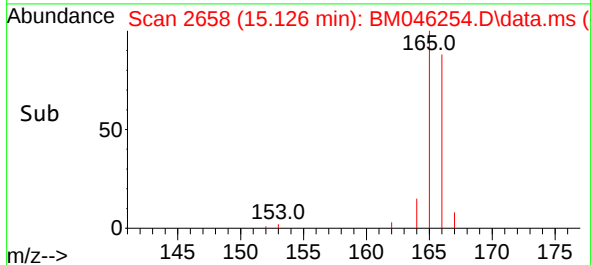
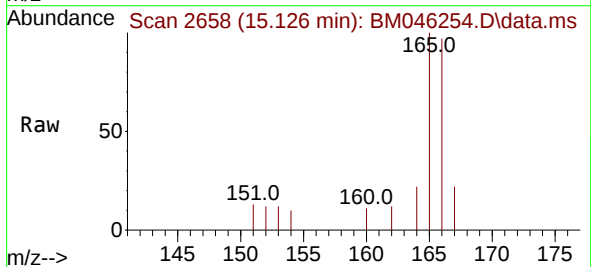


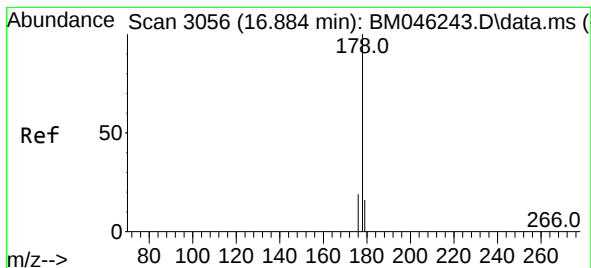
Supervised By :mohammad
ahmed
06/27/2024



#12
Fluorene
Concen: 0.114 ng/ul
RT: 15.126 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

Tgt Ion:166 Resp: 1360
Ion Ratio Lower Upper
166 100
165 103.2 80.4 120.6
167 23.0 12.4 18.6#





#15

Phenanthrene

Concen: 1.645 ng/u1

RT: 16.854 min Scan# 3056

Delta R.T. -0.049 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :

A4BQ3DL

Tgt Ion:	178	Resp:	2932
Ion Ratio	Lower	Upper	
178	100		
179	15.8	14.2	21.2
176	19.8	17.1	25.7

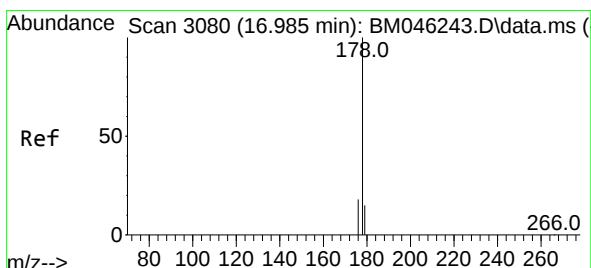
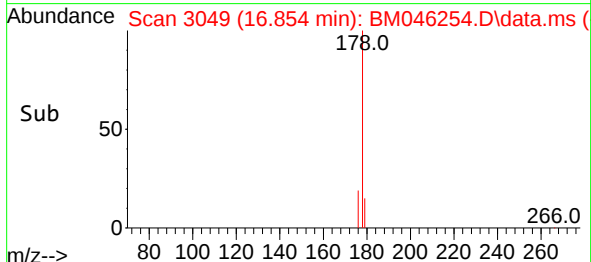
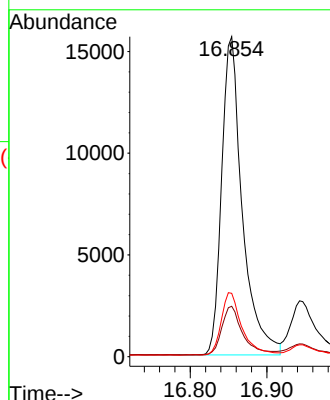
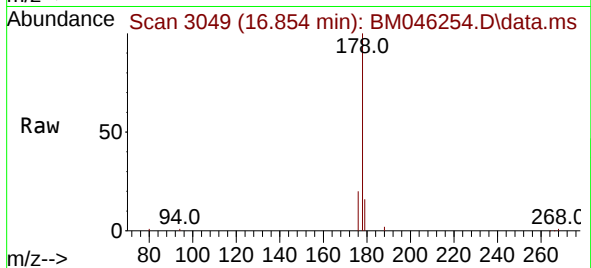
Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
ahmed
06/27/2024



#16

Anthracene

Concen: 0.419 ng/u1

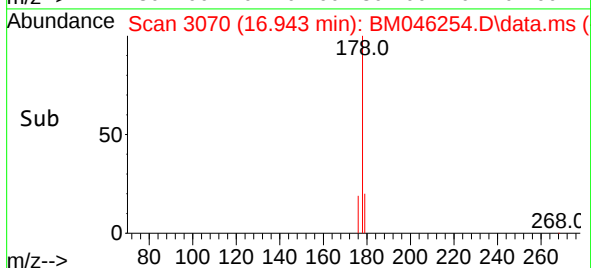
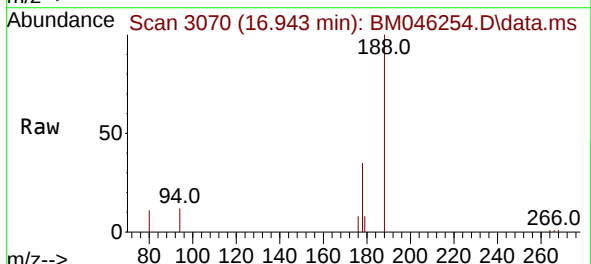
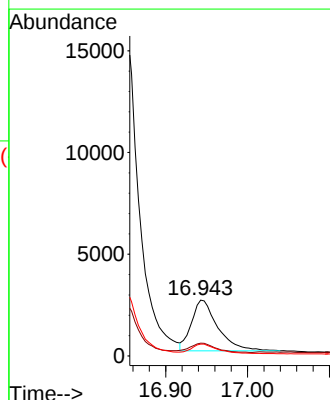
RT: 16.943 min Scan# 3070

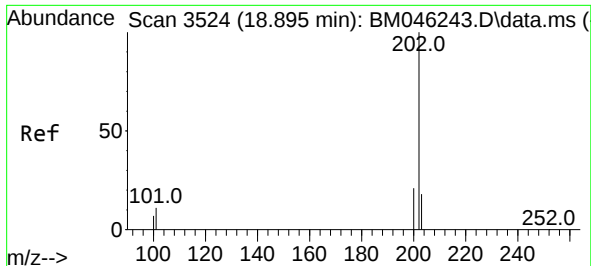
Delta R.T. -0.062 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

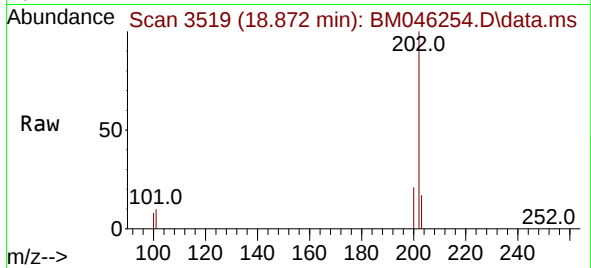
Tgt Ion:	178	Resp:	5555
Ion Ratio	Lower	Upper	
178	100		
179	23.1	14.9	22.3#
176	21.3	17.0	25.4





#19
Fluoranthene
Concen: 3.202 ng/u1
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :
A4BQ3DL

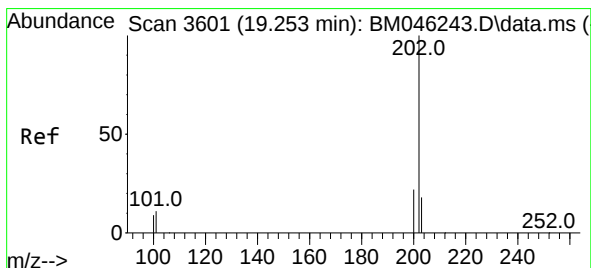
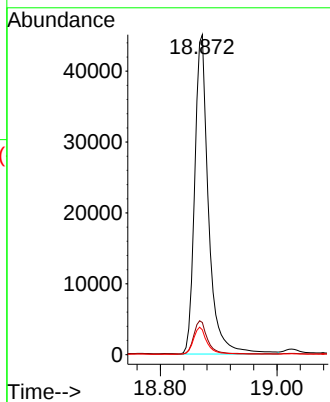
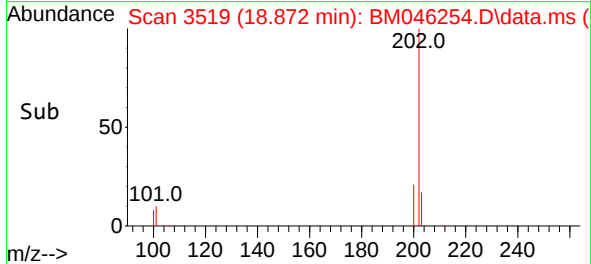


Tgt Ion:202 Resp: 74280
Ion Ratio Lower Upper
202 100
101 10.1 9.6 14.4
100 7.8 7.6 11.4

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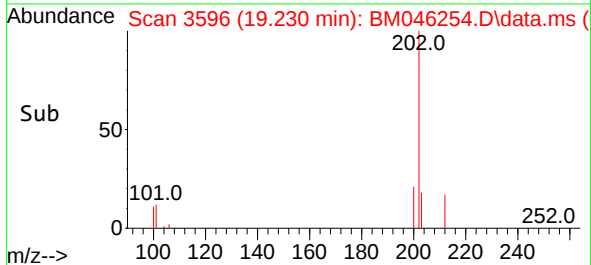
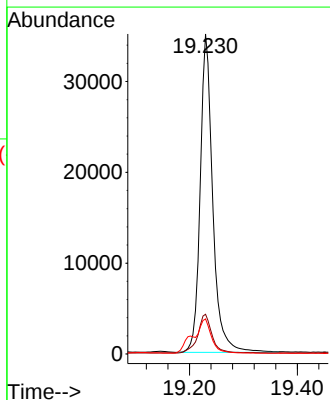
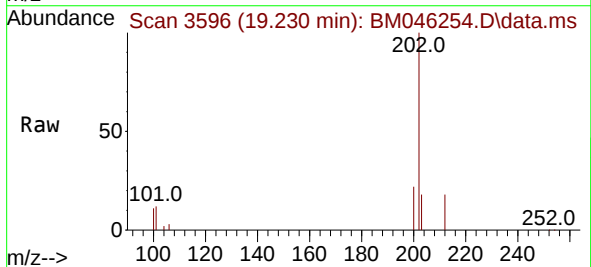
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

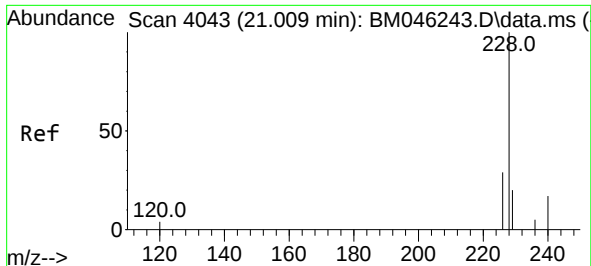
Supervised By :mohammad
ahmed
06/27/2024



#20
Pyrene
Concen: 2.256 ng/u1
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

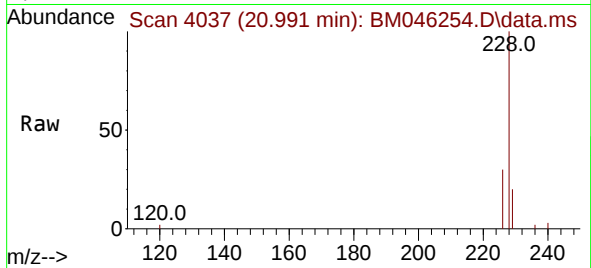
Tgt Ion:202 Resp: 56593
Ion Ratio Lower Upper
202 100
101 12.4 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.581 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.039 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

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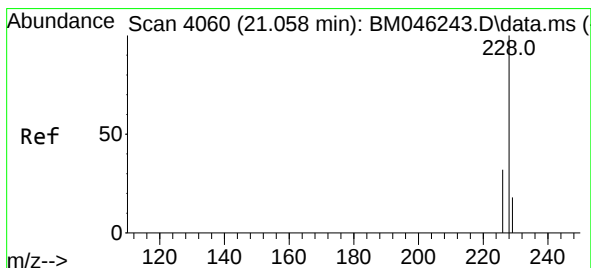
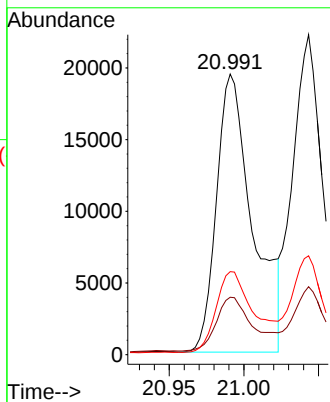
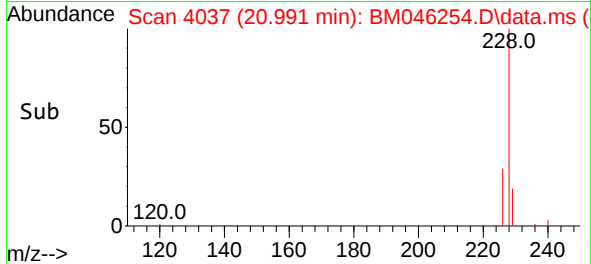


Tgt Ion:228 Resp: 32711
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 29.6 23.4 35.2

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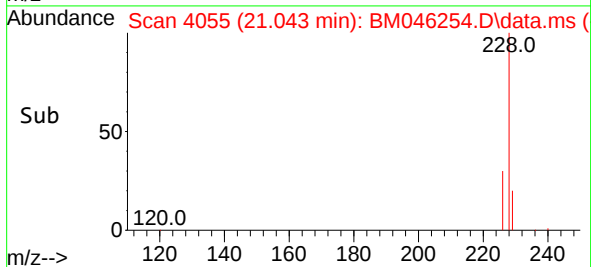
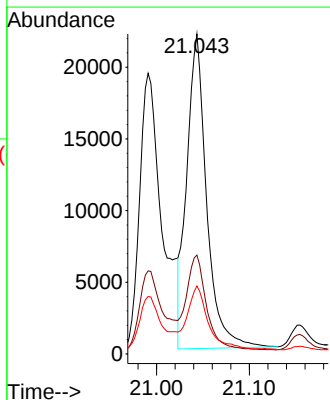
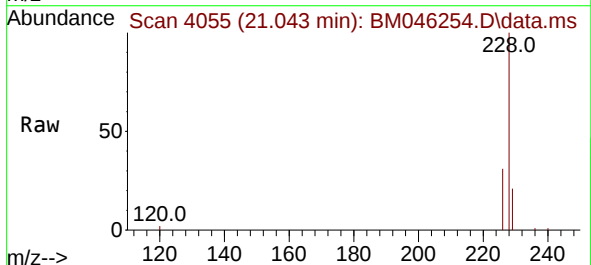
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

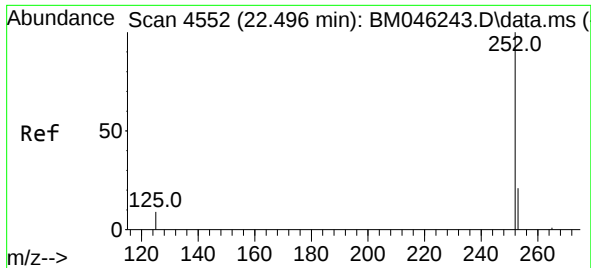
Supervised By :mohammad
ahmed
06/27/2024



#22
Chrysene
Concen: 1.235 ng/ul
RT: 21.043 min Scan# 4055
Delta R.T. -0.033 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

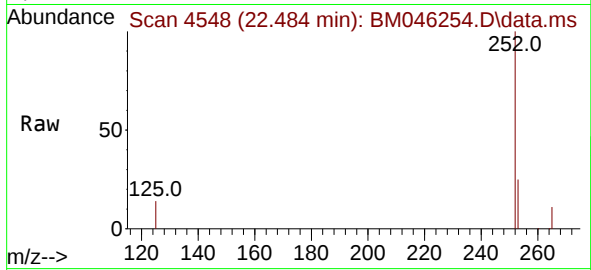
Tgt Ion:228 Resp: 32616
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.287 ng/ul m
RT: 22.484 min Scan# 4548
Delta R.T. -0.036 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :
A4BQ3DL

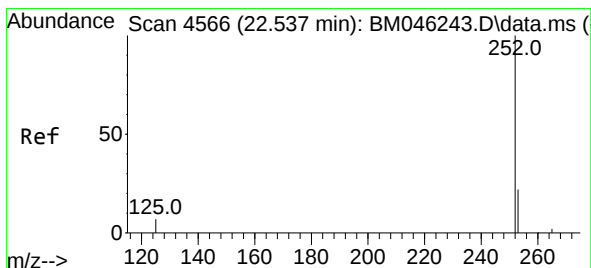
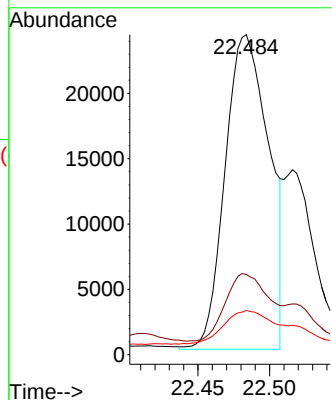


Tgt Ion:252 Resp: 51110
Ion Ratio Lower Upper
252 100
253 25.1 0.0 65.8
125 13.8 0.0 40.2

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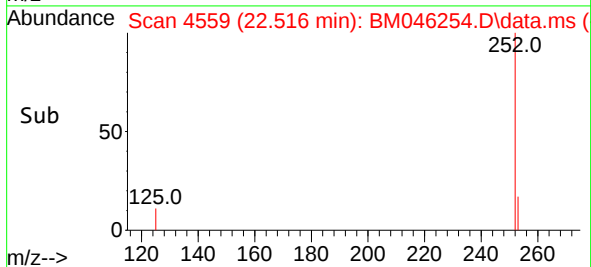
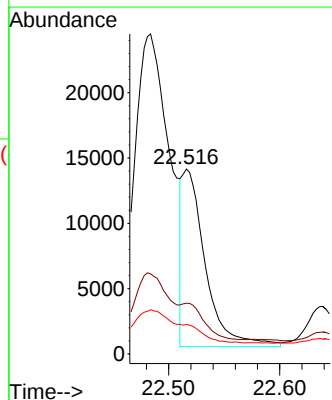
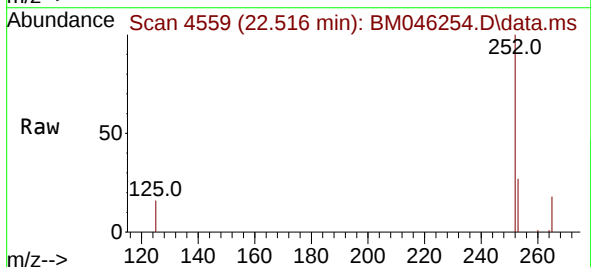
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

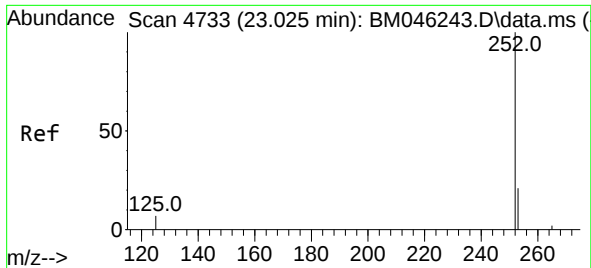
Supervised By :mohammad
ahmed
06/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.740 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

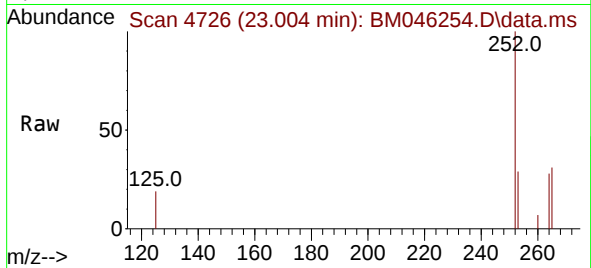
Tgt Ion:252 Resp: 19665
Ion Ratio Lower Upper
252 100
253 27.4 27.2 40.8
125 15.9 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.967 ng/ul m
RT: 23.004 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :
A4BQ3DL

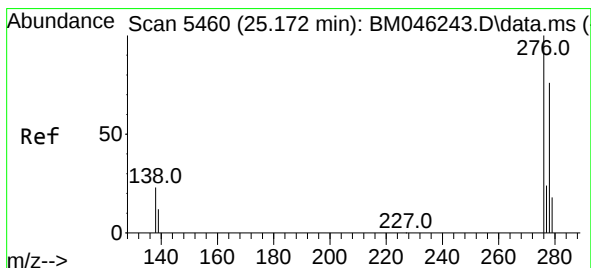
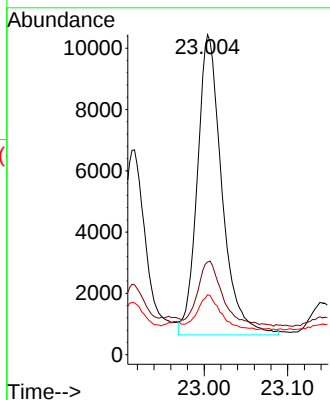
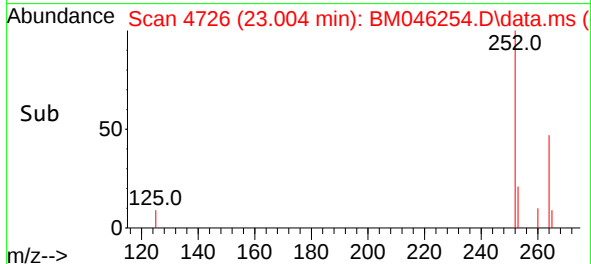


Tgt Ion:252 Resp: 2001
Ion Ratio Lower Upper
252 100
253 29.0 32.1 48.1#
125 18.7 21.2 31.8#

Manual Integrations
APPROVED

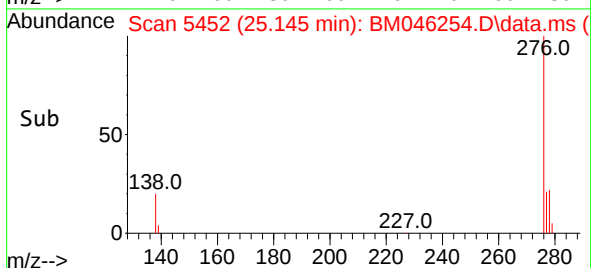
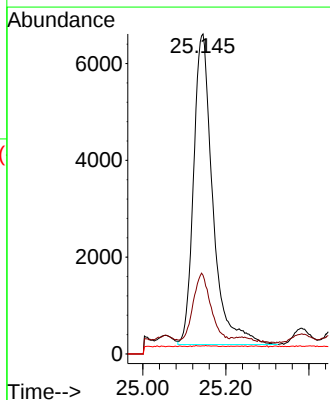
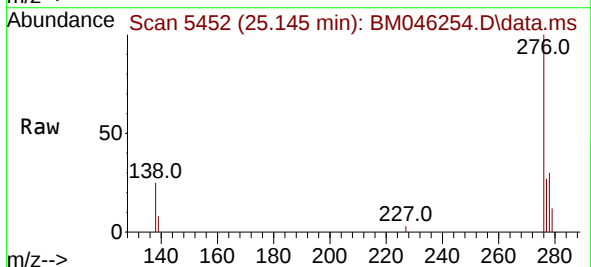
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

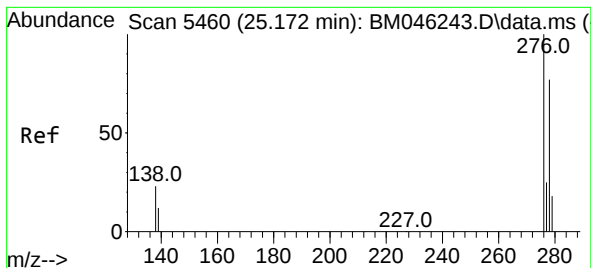
Supervised By :mohammad
ahmed
06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.606 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.058 min
Lab File: BM046254.D
Acq: 24 Jun 2024 15:40

Tgt Ion:276 Resp: 20538
Ion Ratio Lower Upper
276 100
138 19.9 21.0 31.4#
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.232 ng/ul

RT: 25.145 min Scan# 5460

Delta R.T. -0.071 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :

A4BQ3DL

Tgt Ion:	278	Resp:	586
Ion Ratio	Lower	Upper	
278	100		
139	25.9	17.6	26.4
279	38.8	26.3	39.5

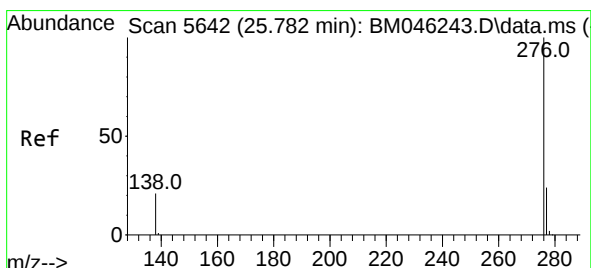
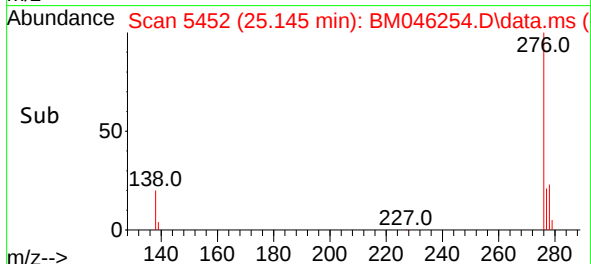
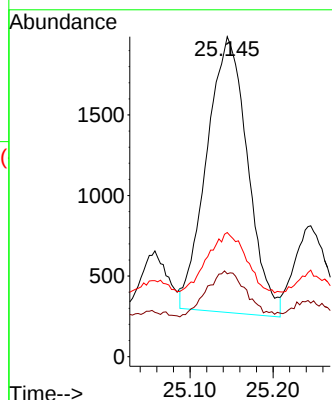
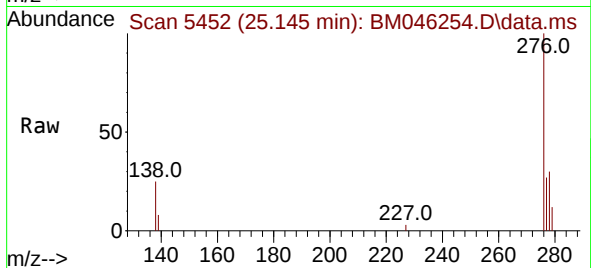
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
ahmed
06/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.098 ng/ul

RT: 25.765 min Scan# 5637

Delta R.T. -0.064 min

Lab File: BM046254.D

Acq: 24 Jun 2024 15:40

Tgt Ion:	276	Resp:	2841
Ion Ratio	Lower	Upper	
276	100		
138	42.1	21.7	32.5#
277	39.8	20.4	30.6#

