

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046118.D
 Acq On : 20 Jun 2024 12:04
 Operator : MA/JU
 Sample : P2710-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B24

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 12:35:27 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	7.426	152	2423	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.205	136	6909	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.076	164	3760	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	8170m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	6276m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	6908m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10254	3.085	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.833	152	2008	0.216	ng/ul	-0.03
18) Fluoranthene-d10	18.849	212	4552	0.242	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	1387	0.072	ng/ul#	85
7) 2-Methylnaphthalene	11.910	142	475	0.044	ng/ul	92
8) 1-Methylnaphthalene	12.119	142	430	0.036	ng/ul	95
10) Acenaphthylene	13.790	152	4332	0.243	ng/ul	98
11) Acenaphthene	14.137	153	2165	0.168	ng/ul	99
12) Fluorene	15.127	166	2912	0.211	ng/ul	99
15) Phenanthrene	16.854	178	70632m	3.077	ng/ul	
16) Anthracene	16.947	178	13093m	0.766	ng/ul	
19) Fluoranthene	18.877	202	146049	5.375	ng/ul	98
20) Pyrene	19.239	202	106042	3.608	ng/ul	98
21) Benzo(a)anthracene	21.000	228	61331m	2.530	ng/ul	
22) Chrysene	21.052	228	61790	1.997	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	87930m	3.533	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	31278m	1.057	ng/ul	
26) Benzo(a)pyrene	23.016	252	35552	1.542	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.158	276	32341	0.857	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.158	278	9883	0.352	ng/ul	97
29) Benzo(g,h,i)perylene	25.779	276	5415	0.167	ng/ul#	85

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

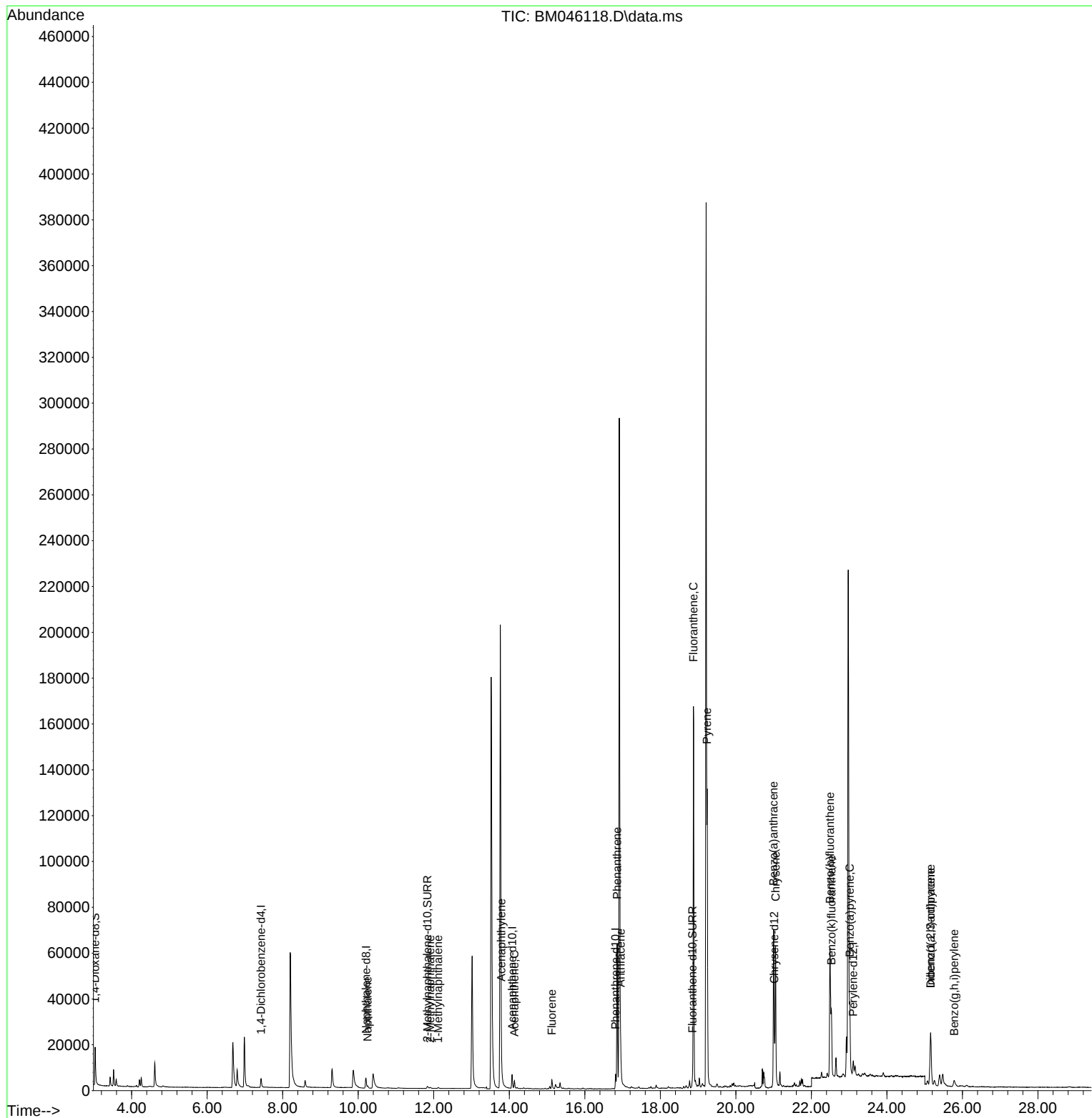
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046118.D
Acq On : 20 Jun 2024 12:04
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Sample : P2710-04
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ALS Vial : 7 Sample Multiplier: 1

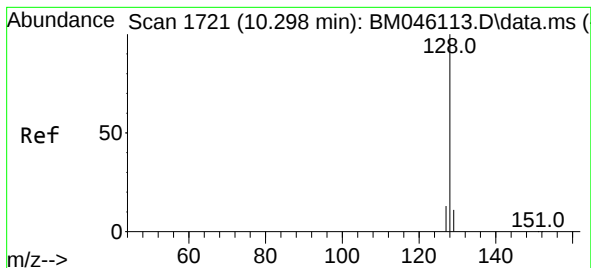
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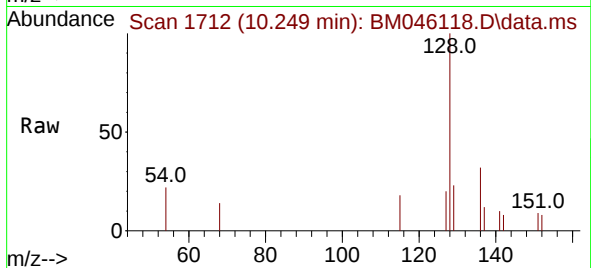
Quant Time: Jun 20 12:35:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.249 min Scan# 1712
Delta R.T. -0.054 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

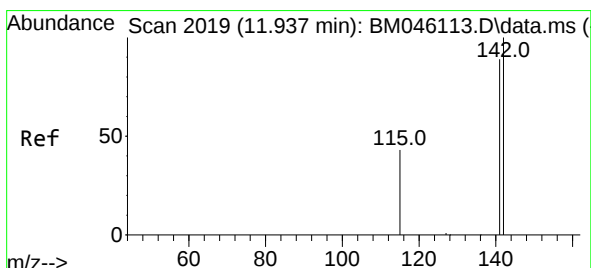
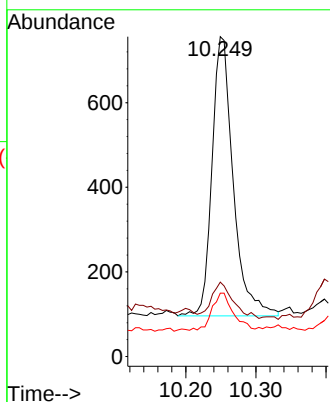
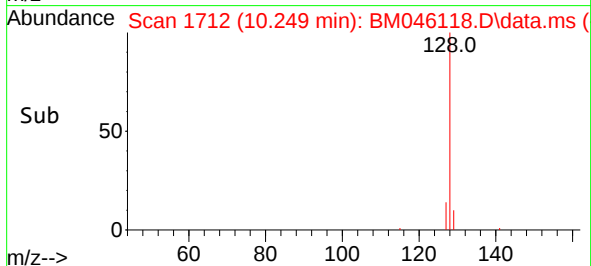
Instrument :
BNA_M
ClientSampleId :
A4B24



Tgt Ion:128 Resp: 138
Ion Ratio Lower Upper
128 100
129 23.3 11.8 17.6
127 19.8 12.8 19.2

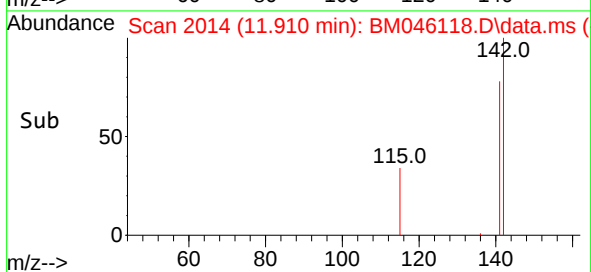
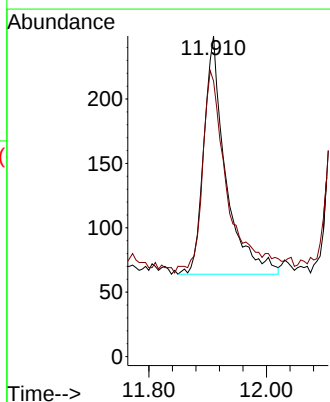
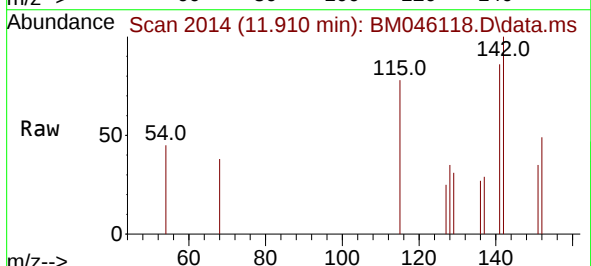
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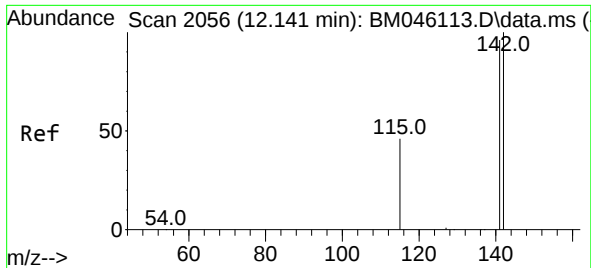
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.037 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

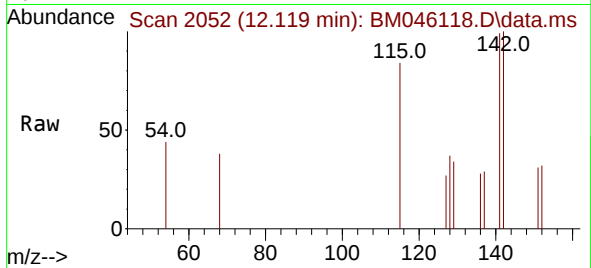
Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
141 100.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.032 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

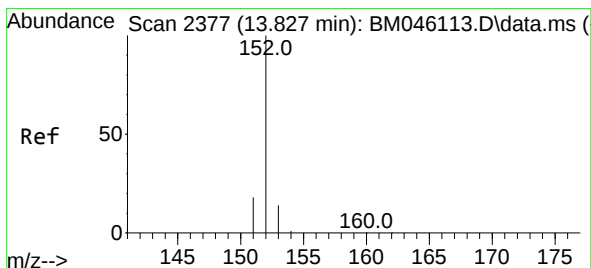
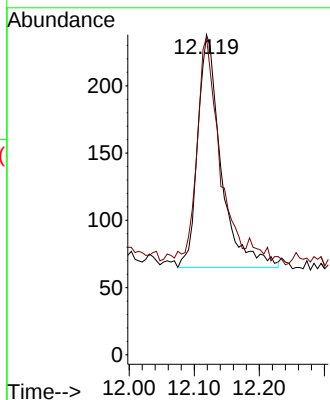
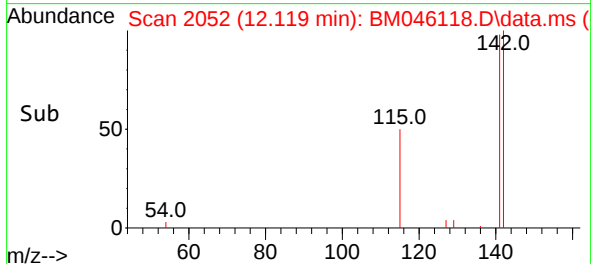
Instrument :
BNA_M
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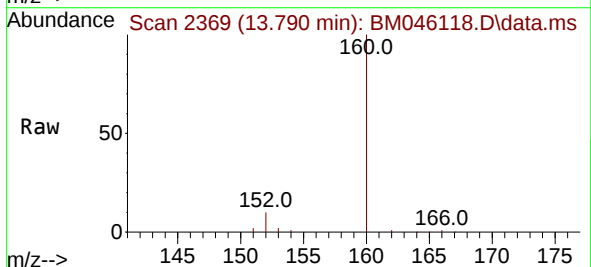
Tgt Ion:142 Resp: 430
Ion Ratio Lower Upper
142 100
141 88.8 75.2 112.8

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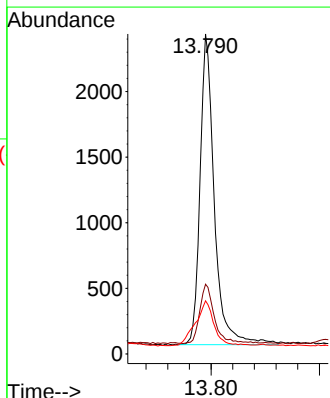
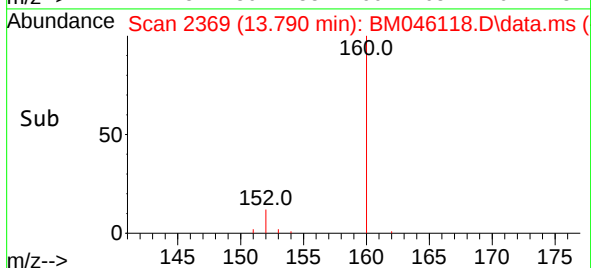
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Supervised By :mohammad ahmed 06/24/2024

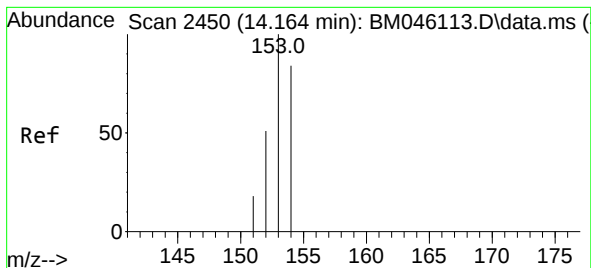


#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04



Tgt Ion:152 Resp: 4332
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2
153 16.6 11.8 17.8





#11

Acenaphthene

Concen: 0.168 ng/uI

RT: 14.137 min Scan# 2444

Delta R.T. -0.036 min

Lab File: BM046118.D

Acq: 20 Jun 2024 12:04

Instrument :

BNA_M

ClientSampleId :

A4B24

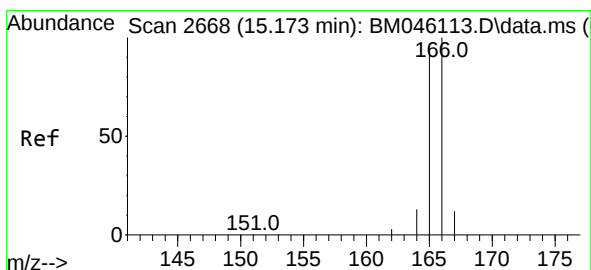
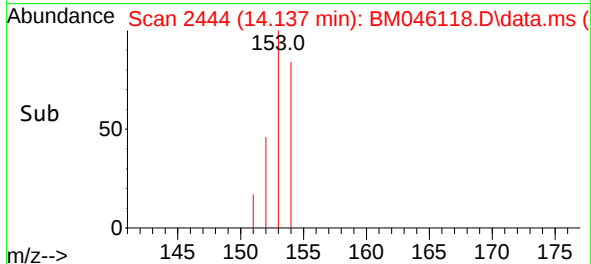
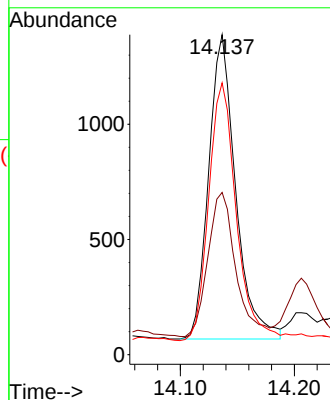
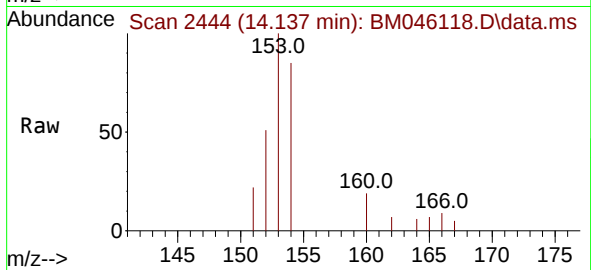
Tgt Ion:153 Resp: 216

Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.3	61.9
154	85.0	68.2	102.4

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#12

Fluorene

Concen: 0.211 ng/uI

RT: 15.127 min Scan# 2658

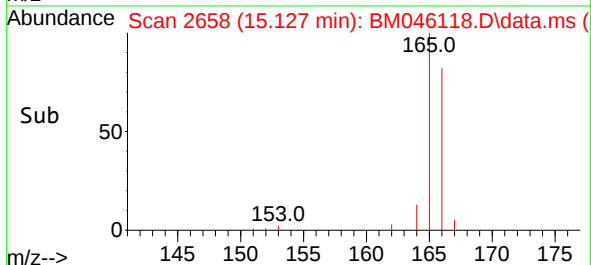
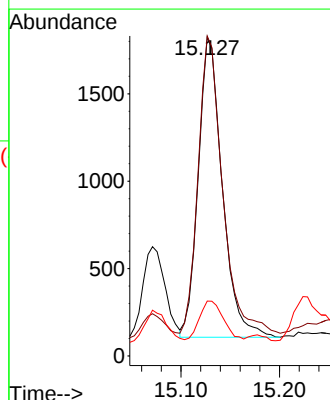
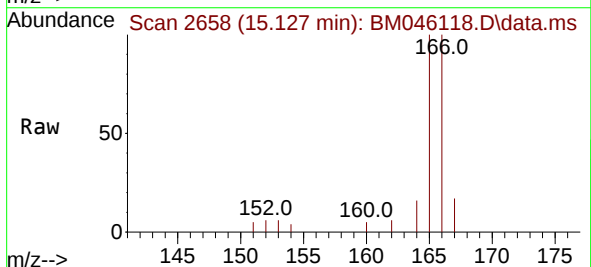
Delta R.T. -0.054 min

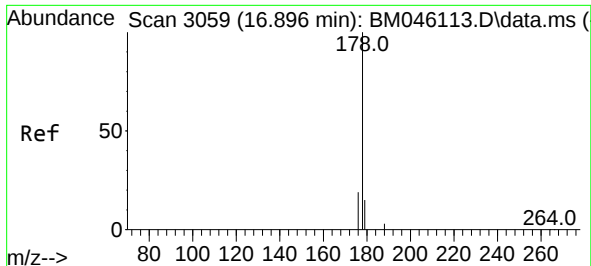
Lab File: BM046118.D

Acq: 20 Jun 2024 12:04

Tgt Ion:166 Resp: 2912

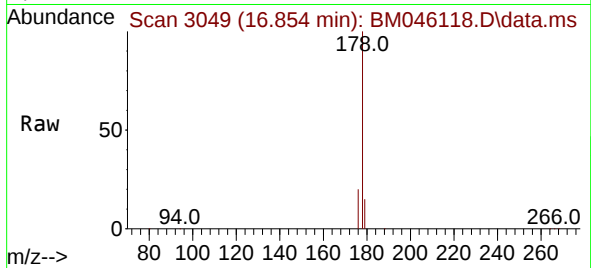
Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.4	120.6
167	17.2	12.4	18.6





#15
Phenanthrene
Concen: 3.077 ng/ul m
RT: 16.854 min Scan# 3059
Delta R.T. -0.049 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

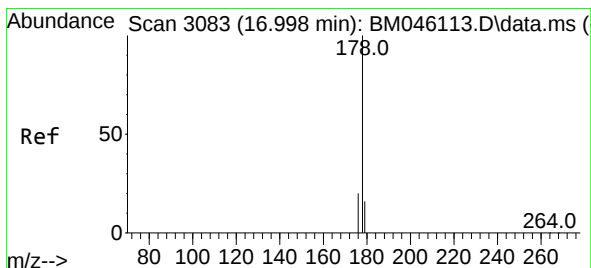
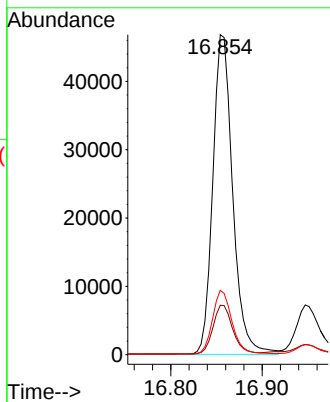
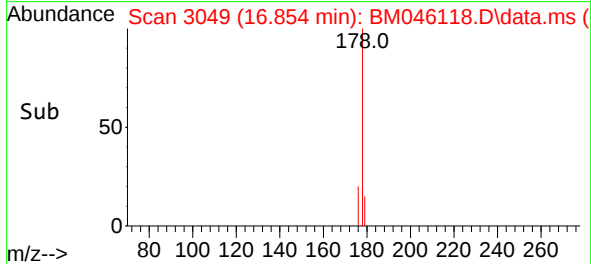
Instrument :
BNA_M
ClientSampleId :
A4B24



Tgt Ion:178 Resp: 70632
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 20.1 17.1 25.7

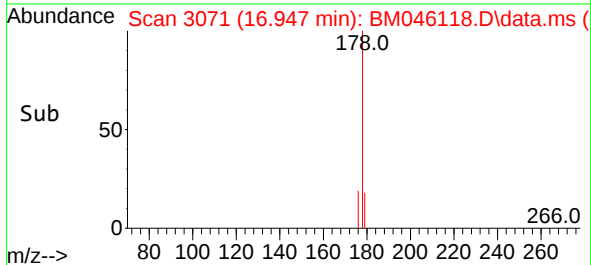
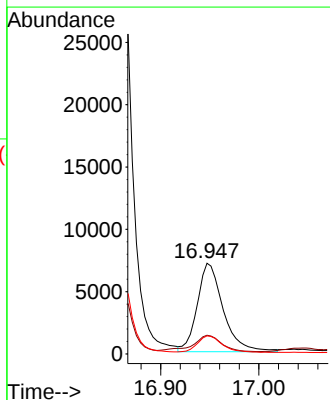
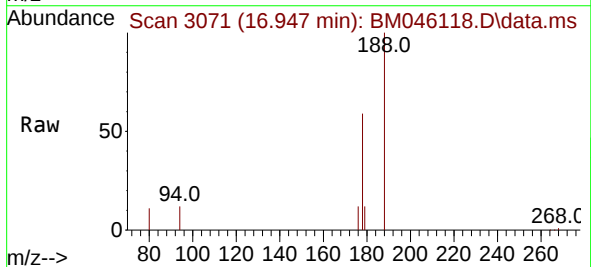
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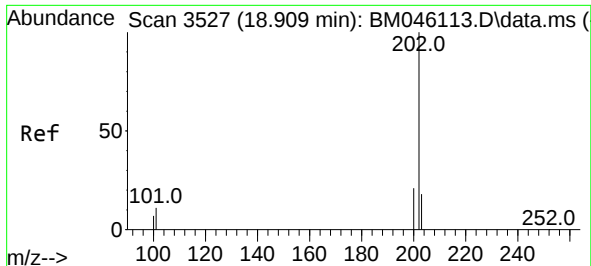
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.766 ng/ul m
RT: 16.947 min Scan# 3071
Delta R.T. -0.058 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

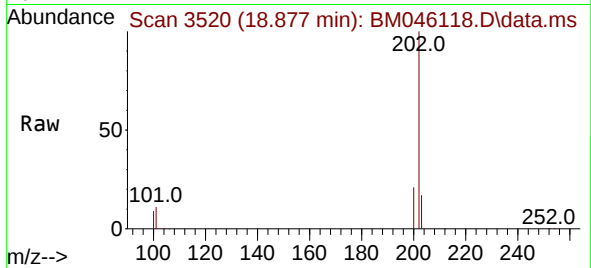
Tgt Ion:178 Resp: 13093
Ion Ratio Lower Upper
178 100
179 20.6 14.9 22.3
176 20.0 17.0 25.4





#19
Fluoranthene
Concen: 5.375 ng/u1
RT: 18.877 min Scan# 31
Delta R.T. -0.040 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

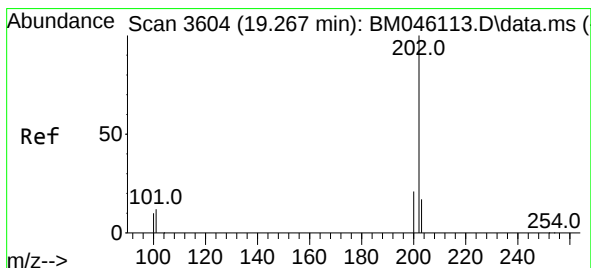
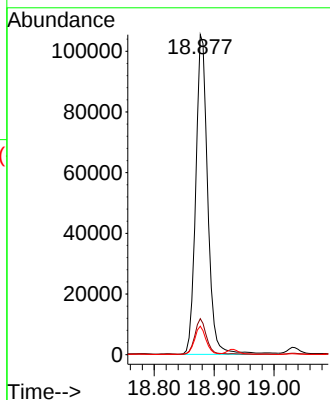
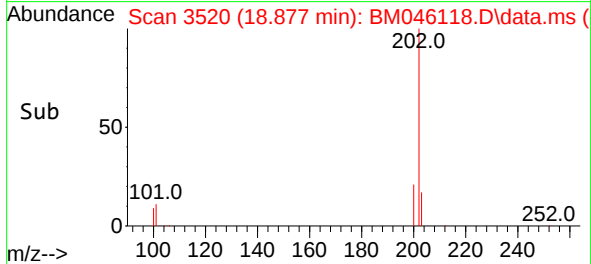
Instrument :
BNA_M
ClientSampleId :
A4B24



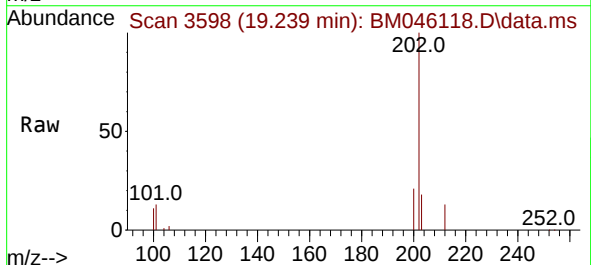
Tgt Ion:202 Resp: 146049
Ion Ratio Lower Upper
202 100
101 11.2 9.6 14.4
100 8.9 7.6 11.4

Manual Integrations
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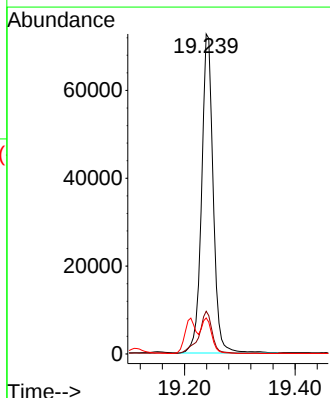
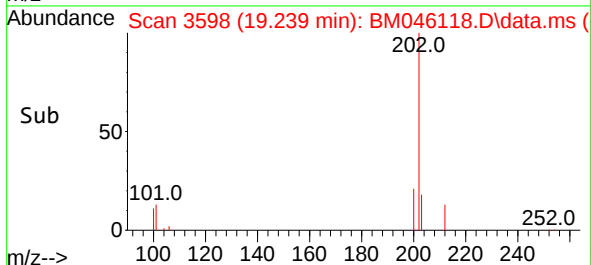
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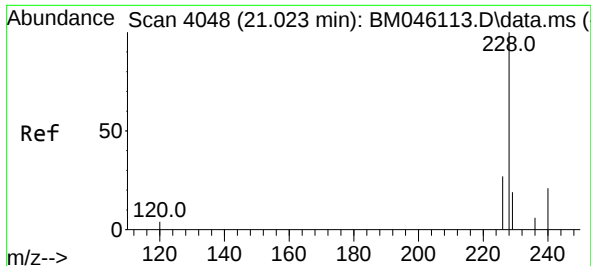


#20
Pyrene
Concen: 3.608 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04



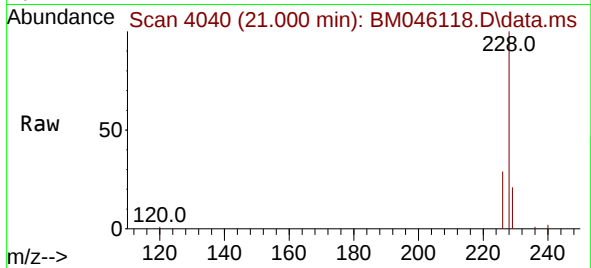
Tgt Ion:202 Resp: 106042
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.530 ng/ul m
RT: 21.000 min Scan# 4048
Delta R.T. -0.030 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

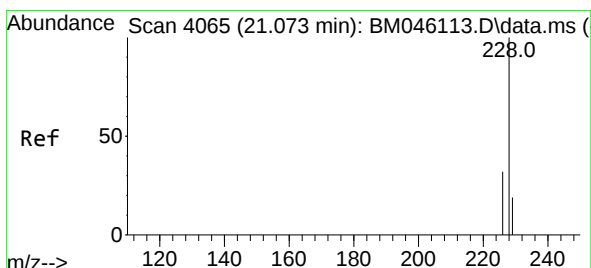
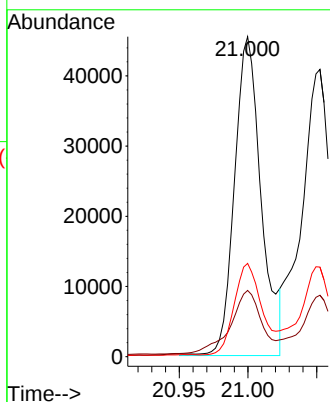
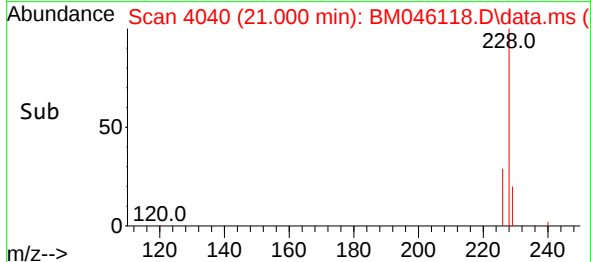
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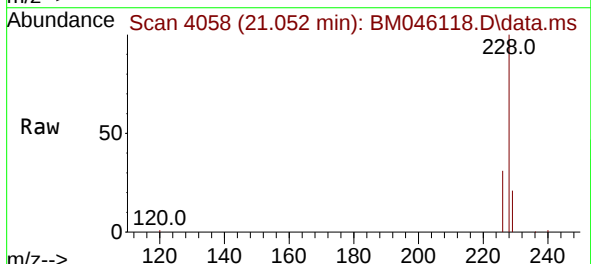
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Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 29.2 23.4 35.2

Manual Integrations
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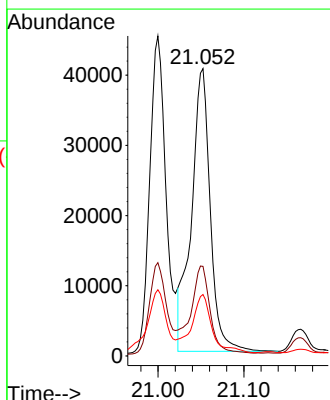
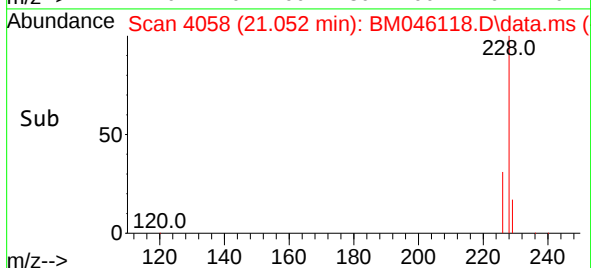
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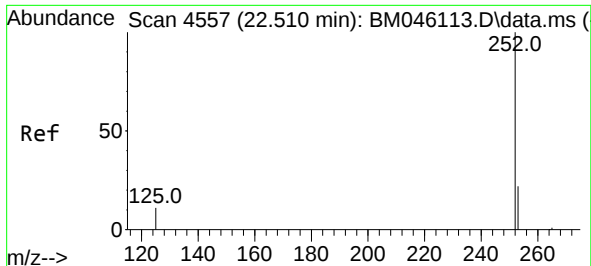


#22
Chrysene
Concen: 1.997 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04



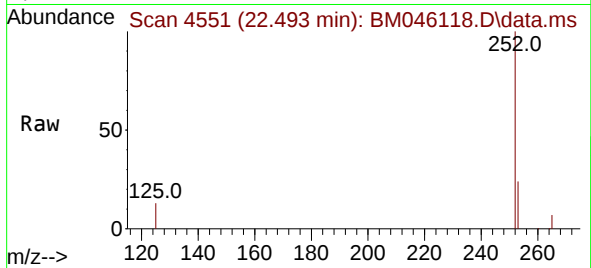
Tgt Ion:228 Resp: 61790
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.533 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

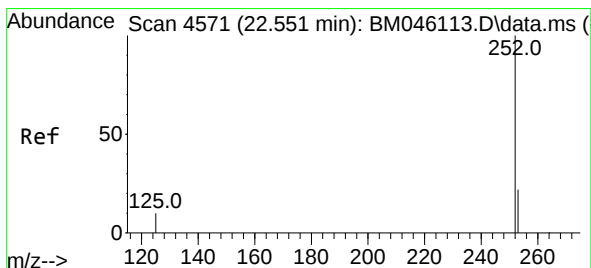
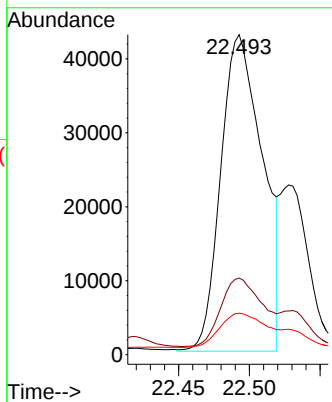
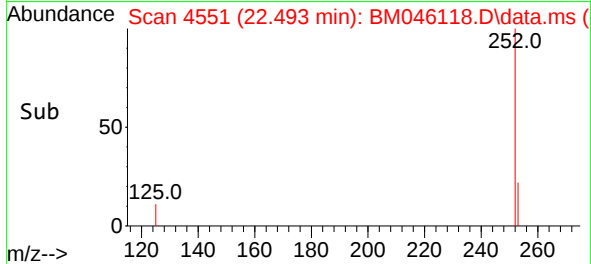
Instrument :
BNA_M
ClientSampleId :
A4B24



Tgt Ion:252 Resp: 87930
Ion Ratio Lower Upper
252 100
253 24.0 0.0 65.8
125 12.9 0.0 40.2

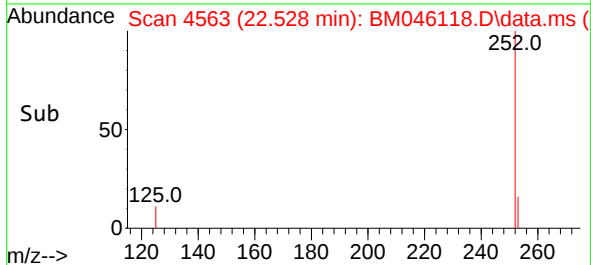
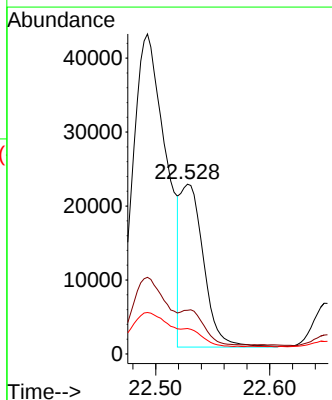
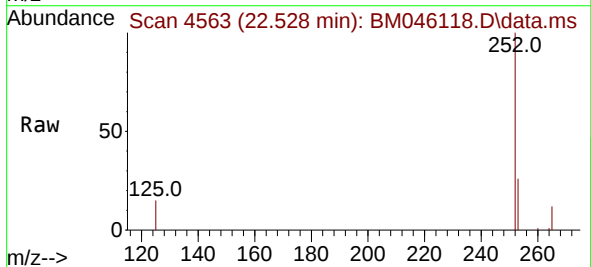
Manual Integrations
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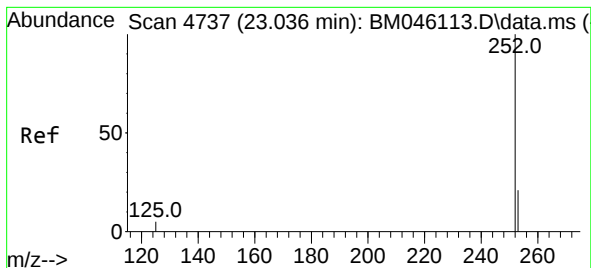
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.057 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

Tgt Ion:252 Resp: 31278
Ion Ratio Lower Upper
252 100
253 25.8 27.2 40.8#
125 15.0 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.542 ng/ul

RT: 23.016 min Scan# 41

Delta R.T. -0.038 min

Lab File: BM046118.D

Acq: 20 Jun 2024 12:04

Instrument :

BNM_M

ClientSampleId :

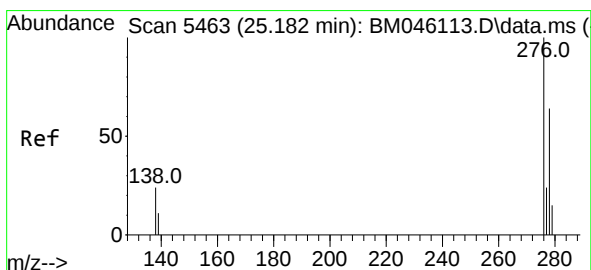
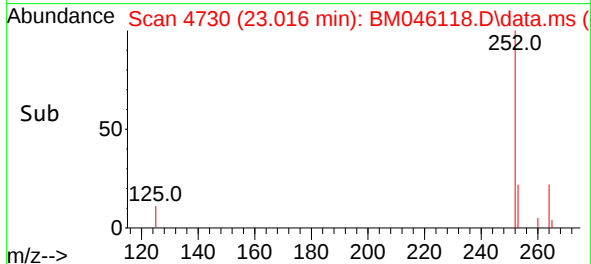
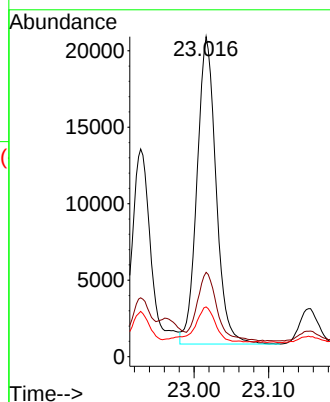
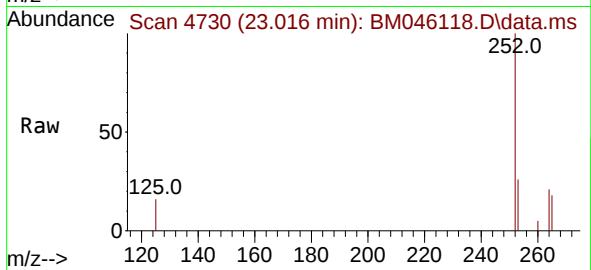
A4B24

Tgt Ion:	252	Resp:	3555
Ion Ratio	Lower	Upper	
252	100		
253	26.3	32.1	48.1
125	15.5	21.2	31.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.857 ng/ul

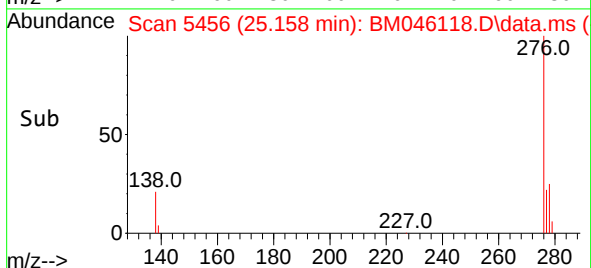
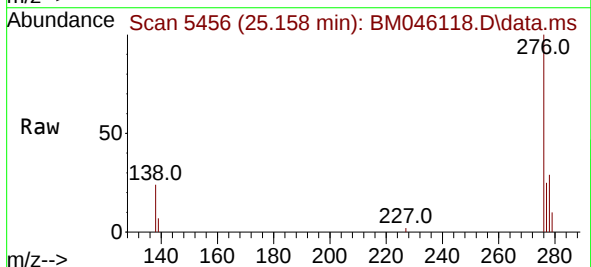
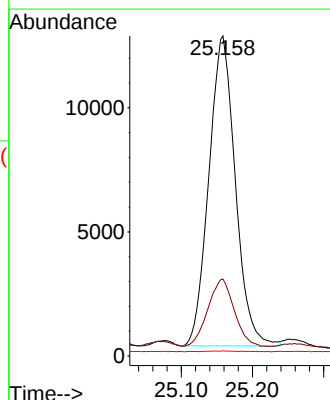
RT: 25.158 min Scan# 5456

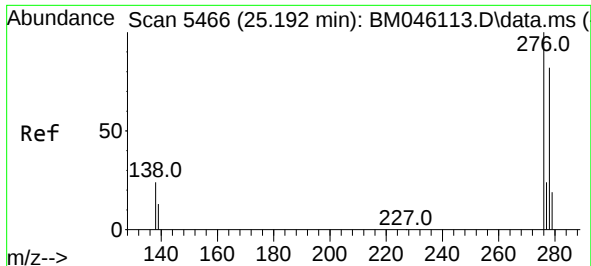
Delta R.T. -0.044 min

Lab File: BM046118.D

Acq: 20 Jun 2024 12:04

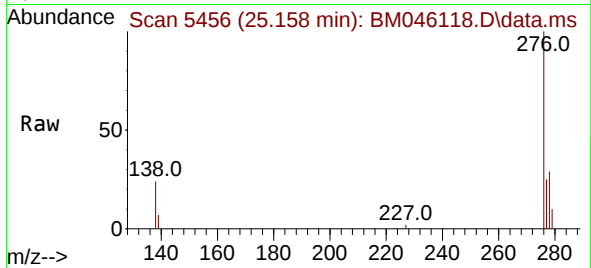
Tgt Ion:	276	Resp:	32341
Ion Ratio	Lower	Upper	
276	100		
138	22.1	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 25.158 min Scan# 5466
Delta R.T. -0.057 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

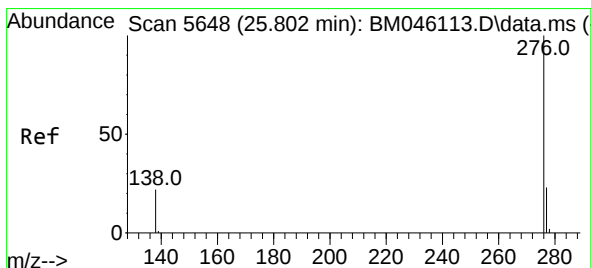
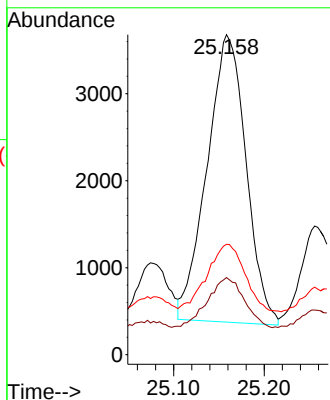
Instrument :
BNA_M
ClientSampleId :
A4B24



Tgt Ion:278 Resp: 988
Ion Ratio Lower Upper
278 100
139 24.1 17.6 26.4
279 34.5 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 25.779 min Scan# 5641
Delta R.T. -0.051 min
Lab File: BM046118.D
Acq: 20 Jun 2024 12:04

Tgt Ion:276 Resp: 5415
Ion Ratio Lower Upper
276 100
138 34.4 21.7 32.5#
277 33.8 20.4 30.6#

