

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046164.D
 Acq On : 21 Jun 2024 17:37
 Operator : MA/JU
 Sample : P2754-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP9

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 18:07:25 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	7.422	152	2184	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	6350	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	3477	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.812	188	7999m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	6510m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	7111m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11655	3.890	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2459	0.288	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	5507	0.282	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.244	128	2019	0.114	ng/ul#	90
7) 2-Methylnaphthalene	11.893	142	647	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.108	142	554	0.051	ng/ul	96
10) Acenaphthylene	13.785	152	3912	0.237	ng/ul#	94
11) Acenaphthene	14.132	153	2659	0.223	ng/ul	98
12) Fluorene	15.122	166	3042	0.238	ng/ul	99
15) Phenanthrene	16.850	178	60499m	2.692	ng/ul	
16) Anthracene	16.943	178	13126m	0.784	ng/ul	
19) Fluoranthene	18.877	202	138269	4.905	ng/ul	96
20) Pyrene	19.239	202	94047	3.085	ng/ul	96
21) Benzo(a)anthracene	20.997	228	63218	2.514	ng/ul	99
22) Chrysene	21.049	228	66439	2.070	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	98950m	3.862	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	41030m	1.347	ng/ul	
26) Benzo(a)pyrene	23.016	252	34939	1.472	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.155	276	38187	0.983	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.158	278	12072	0.417	ng/ul	96
29) Benzo(g,h,i)perylene	25.779	276	5302	0.159	ng/ul#	81

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

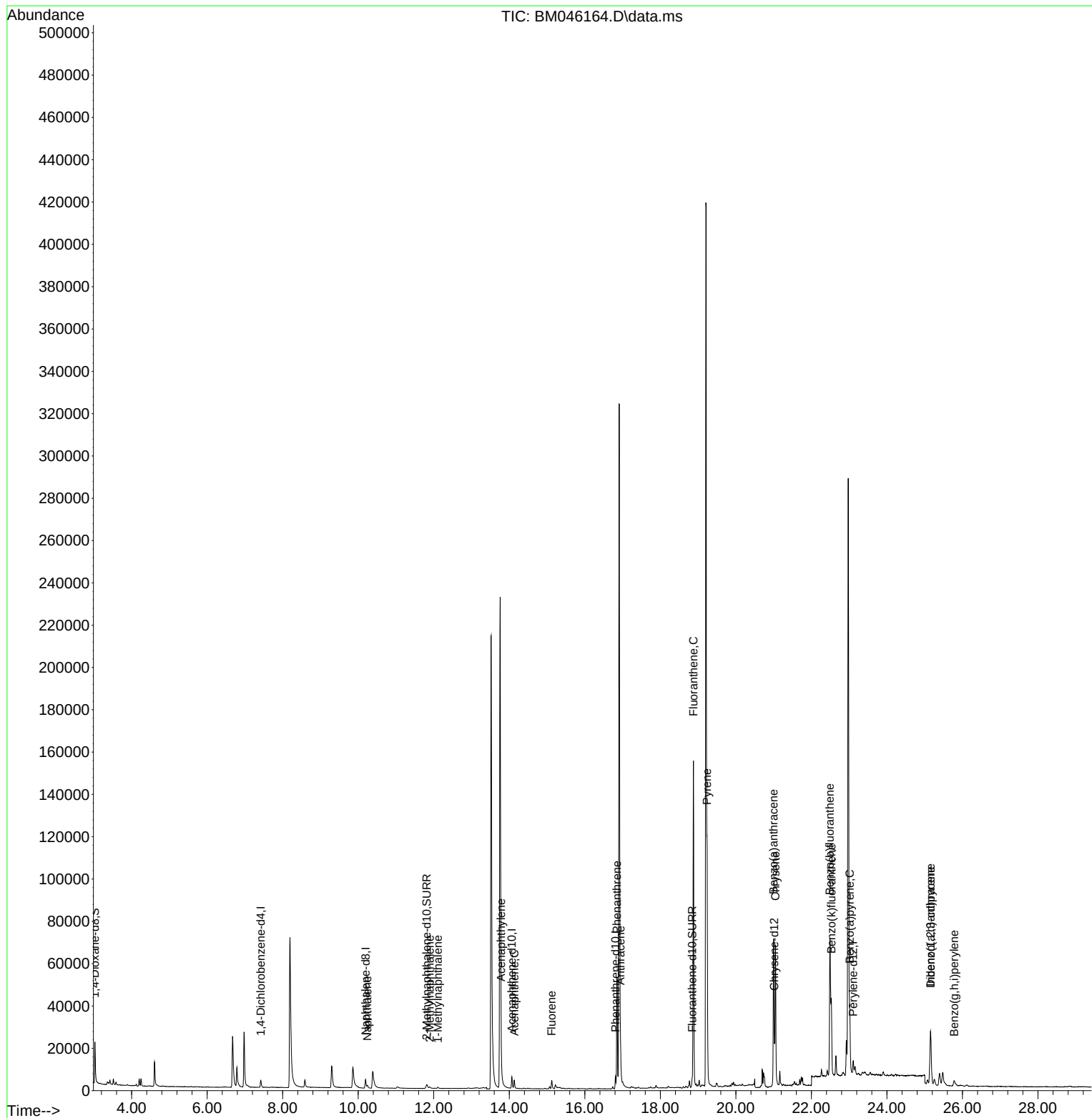
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046164.D
Acq On : 21 Jun 2024 17:37
Operator : MA/JU
Sample : P2754-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

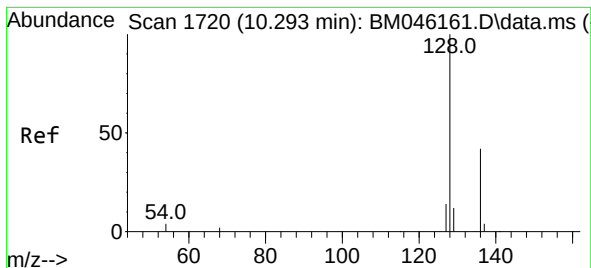
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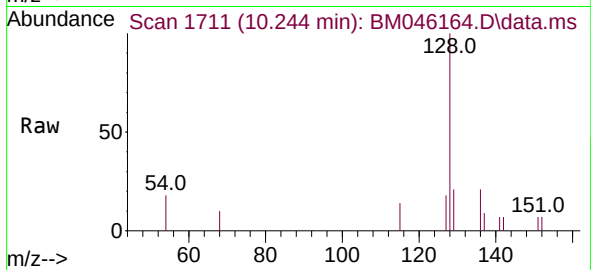
Quant Time: Jun 21 18:07:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.244 min Scan# 1711
Delta R.T. -0.059 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

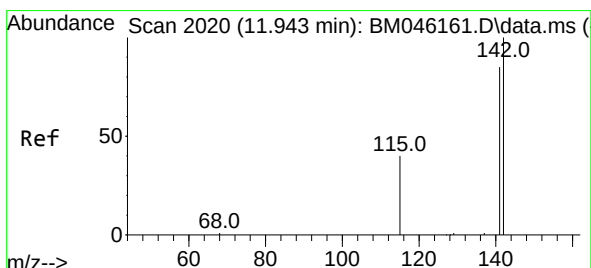
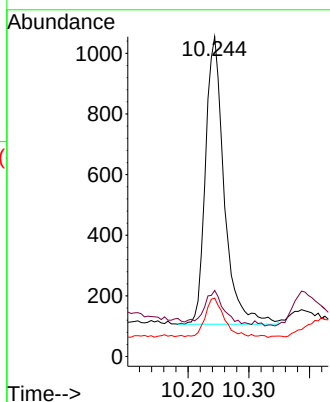
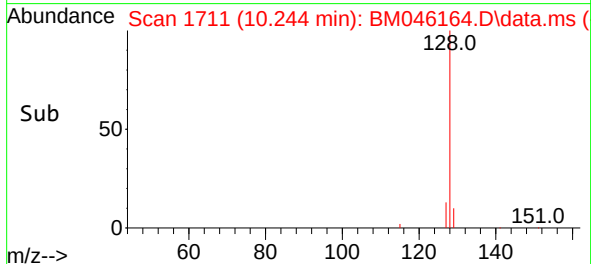
Instrument :
BNA_M
ClientSampleId :
A4BP9



Tgt Ion:128 Resp: 2019
Ion Ratio Lower Upper
128 100
129 20.7 11.8 17.6
127 18.3 12.8 19.2

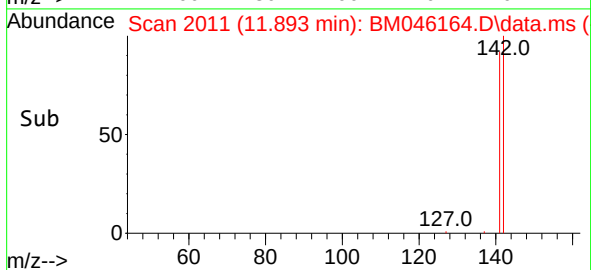
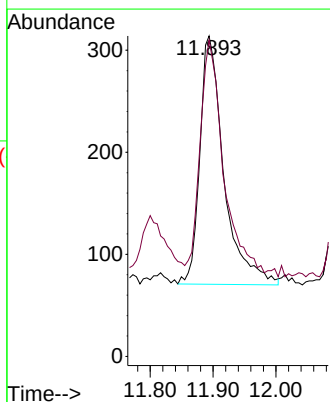
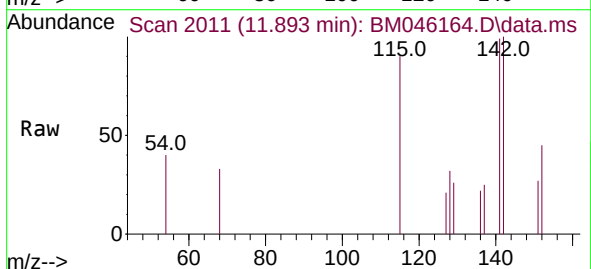
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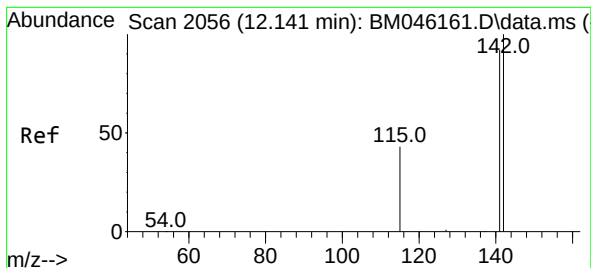
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.054 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

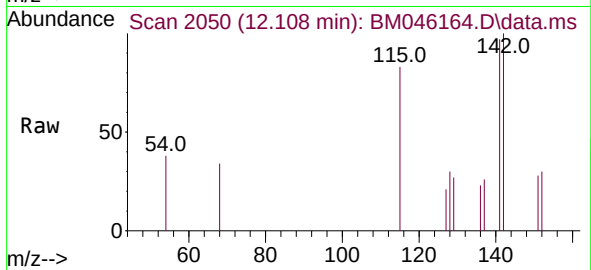
Tgt Ion:142 Resp: 647
Ion Ratio Lower Upper
142 100
141 95.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.108 min Scan# 2056
Delta R.T. -0.043 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

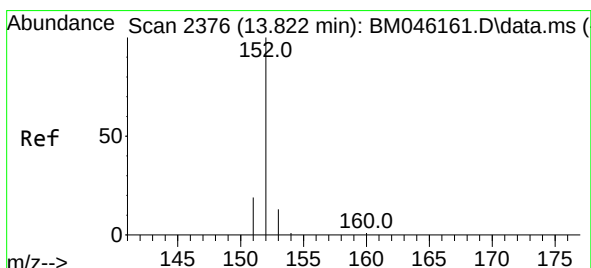
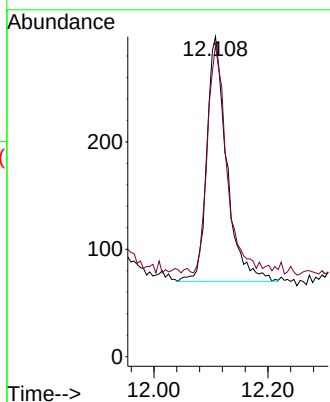
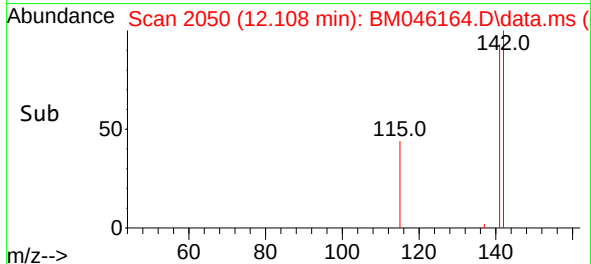
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 554
Ion Ratio Lower Upper
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141 90.4 75.2 112.8

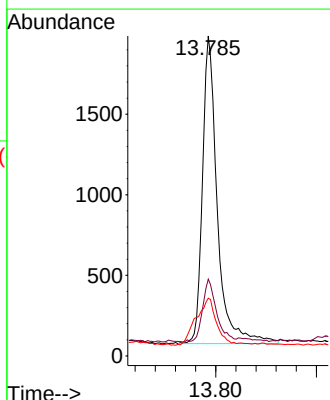
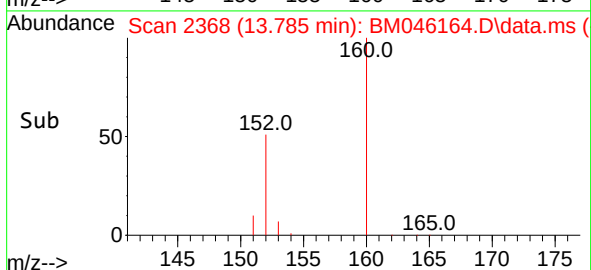
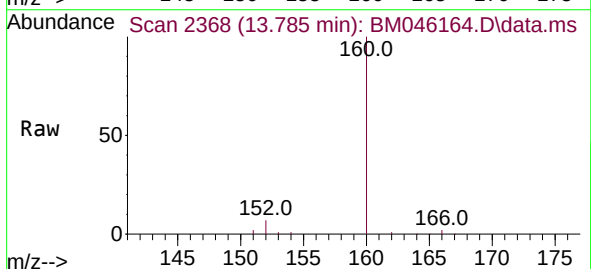
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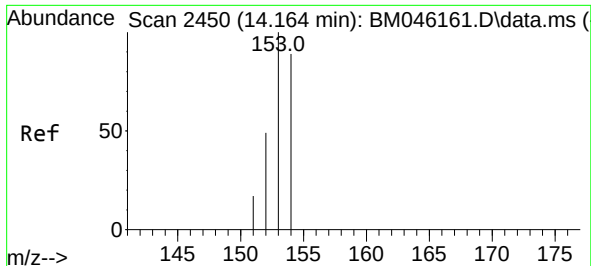
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.237 ng/ul
RT: 13.785 min Scan# 2368
Delta R.T. -0.049 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

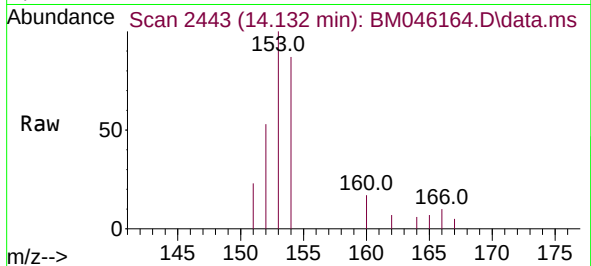
Tgt Ion:152 Resp: 3912
Ion Ratio Lower Upper
152 100
151 24.0 17.4 26.2
153 18.0 11.8 17.8#





#11
Acenaphthene
Concen: 0.223 ng/ul
RT: 14.132 min Scan# 2450
Delta R.T. -0.040 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

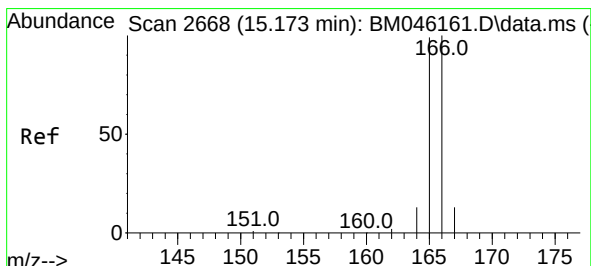
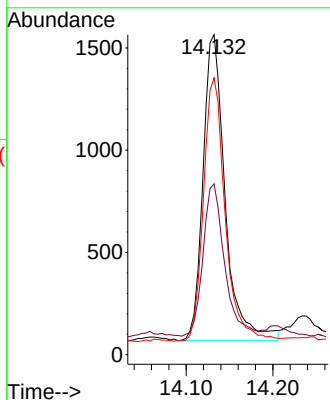
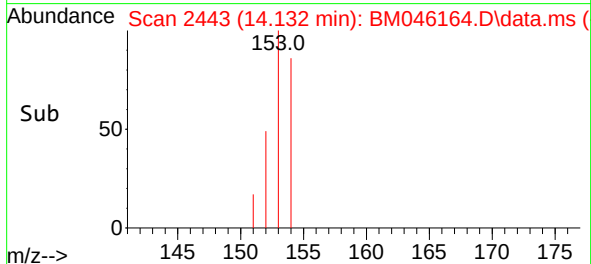
Instrument :
BNA_M
ClientSampleId :
A4BP9



Tgt Ion:153 Resp: 2659
Ion Ratio Lower Upper
153 100
152 53.4 41.3 61.9
154 86.5 68.2 102.4

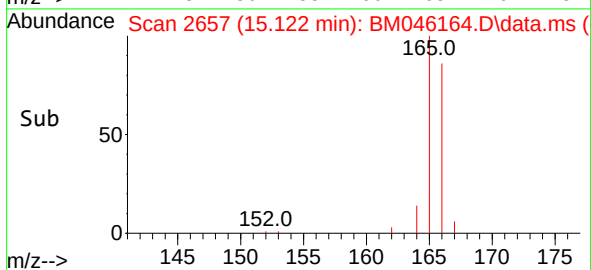
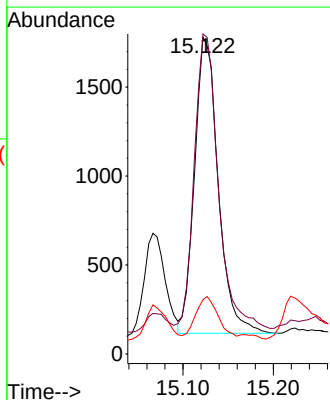
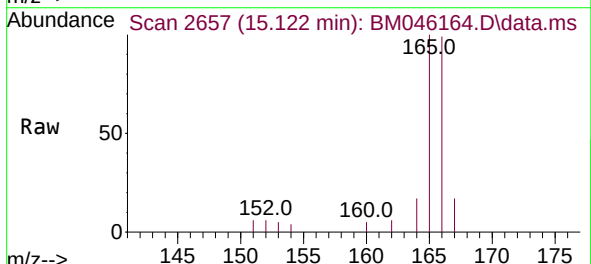
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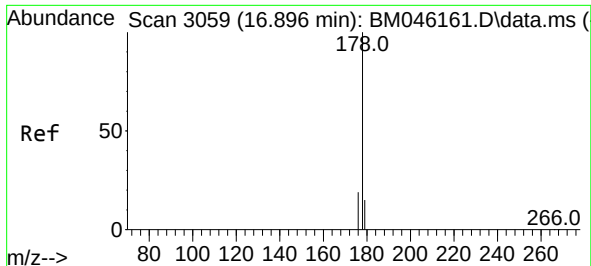
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.238 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

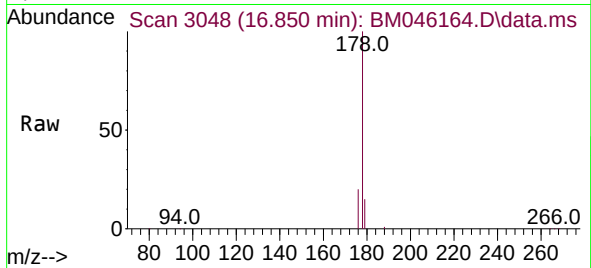
Tgt Ion:166 Resp: 3042
Ion Ratio Lower Upper
166 100
165 101.1 80.4 120.6
167 17.1 12.4 18.6





#15
Phenanthrene
Concen: 2.692 ng/ul m
RT: 16.850 min Scan# 3070
Delta R.T. -0.053 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

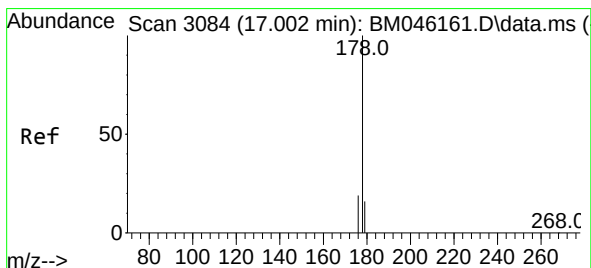
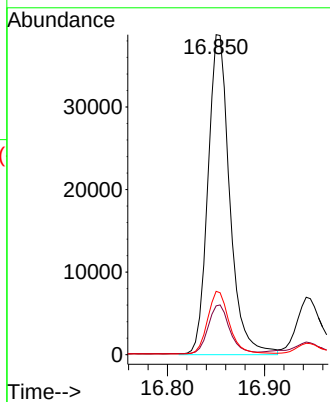
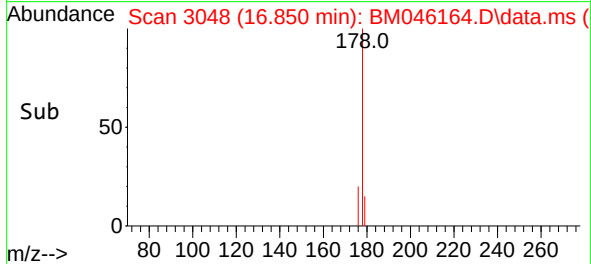
Instrument :
BNA_M
ClientSampleId :
A4BP9



Tgt Ion:178 Resp: 60499
Ion Ratio Lower Upper
178 100
179 15.2 14.2 21.2
176 19.8 17.1 25.7

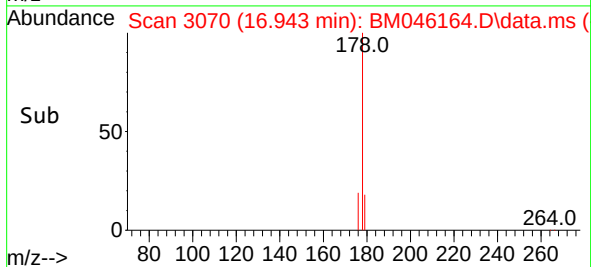
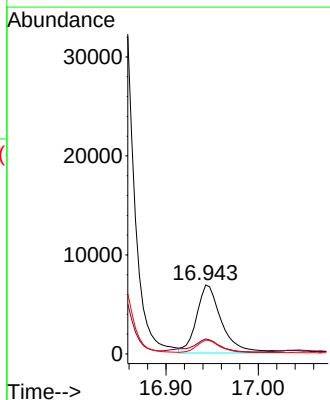
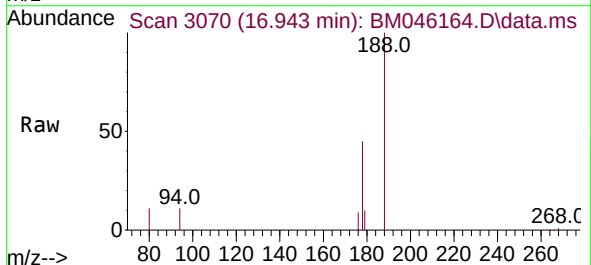
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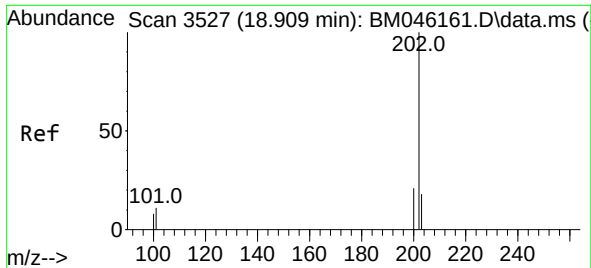
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.784 ng/ul m
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

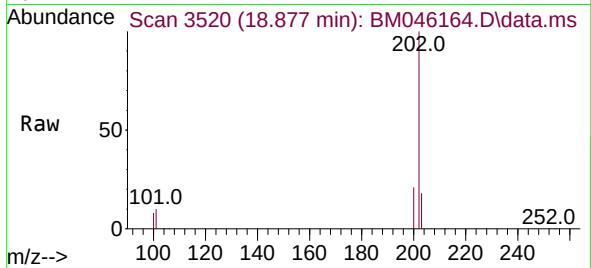
Tgt Ion:178 Resp: 13126
Ion Ratio Lower Upper
178 100
179 21.9 14.9 22.3
176 19.8 17.0 25.4





#19
Fluoranthene
Concen: 4.905 ng/u1
RT: 18.877 min Scan# 31
Delta R.T. -0.040 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

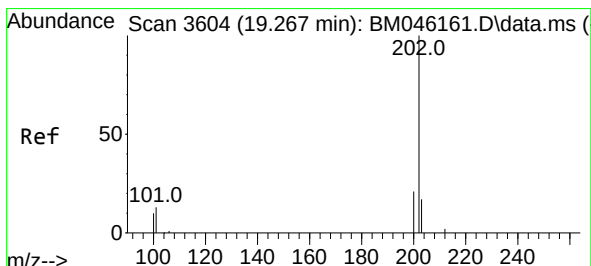
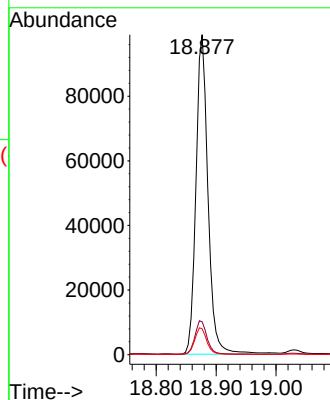
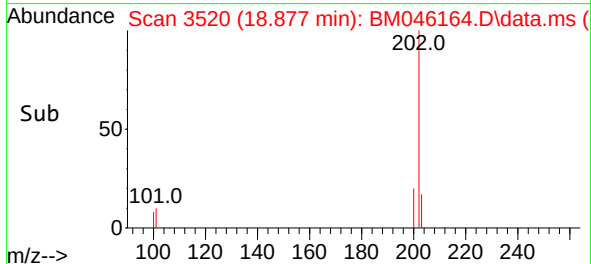
Instrument :
BNA_M
ClientSampleId :
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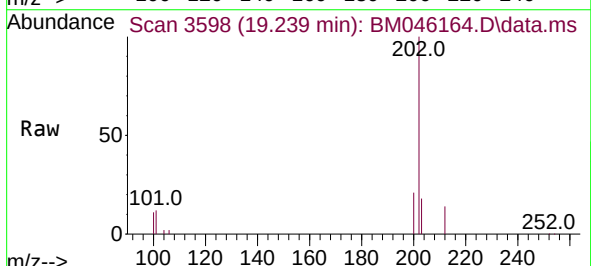
Tgt Ion:202 Resp: 138269
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.1 7.6 11.4

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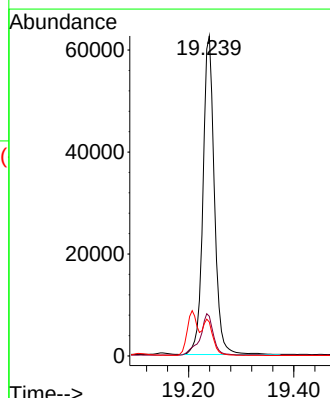
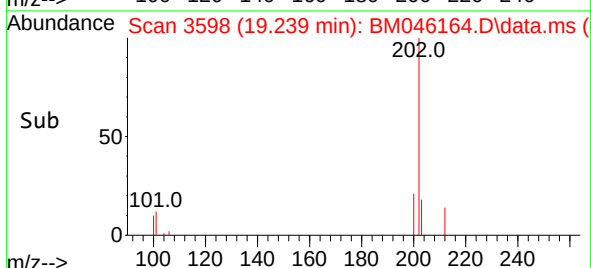
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

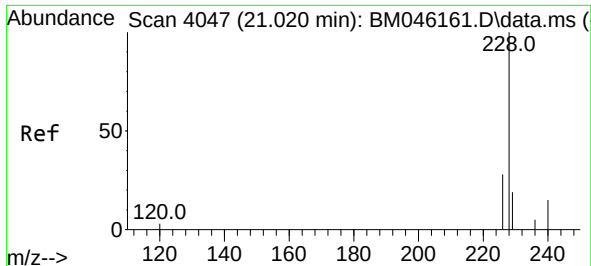


#20
Pyrene
Concen: 3.085 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37



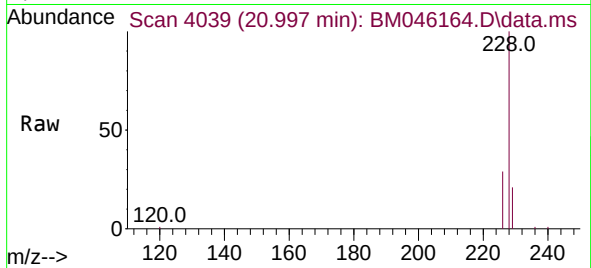
Tgt Ion:202 Resp: 94047
Ion Ratio Lower Upper
202 100
101 12.4 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.514 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

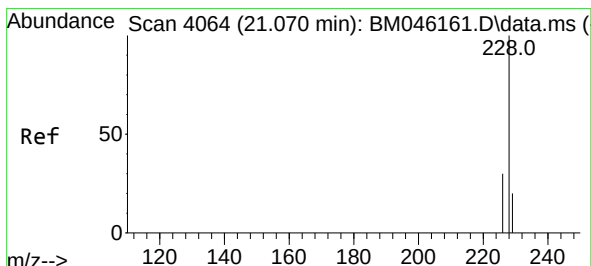
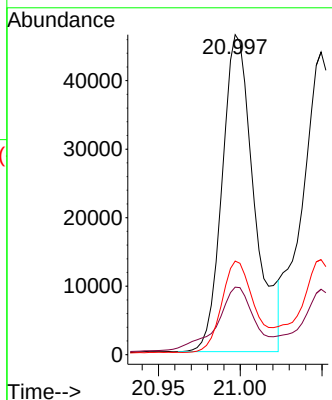
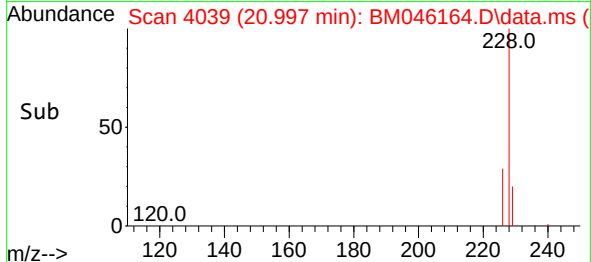
Instrument :
BNA_M
ClientSampleId :
A4BP9



Tgt Ion:228 Resp: 63218
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 29.2 23.4 35.2

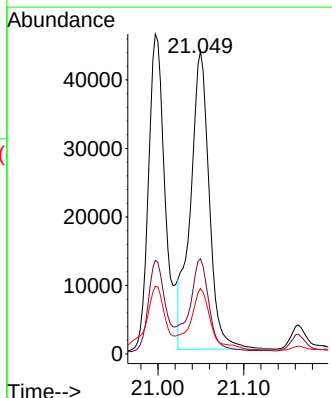
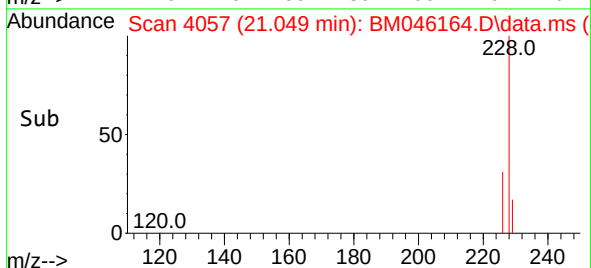
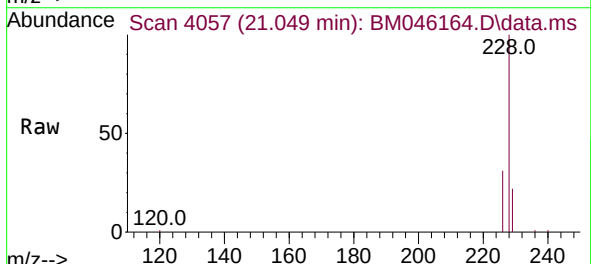
Manual Integrations
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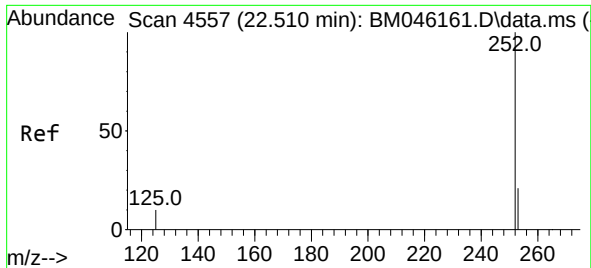
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 2.070 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.027 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

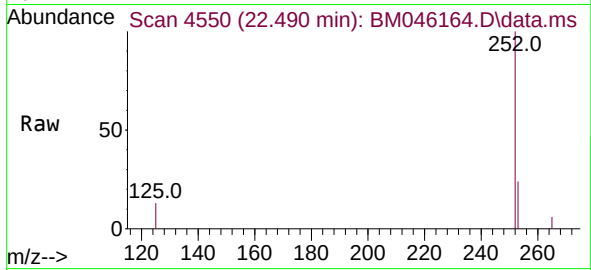
Tgt Ion:228 Resp: 66439
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.862 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.030 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

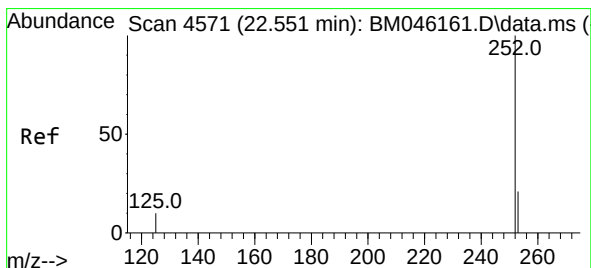
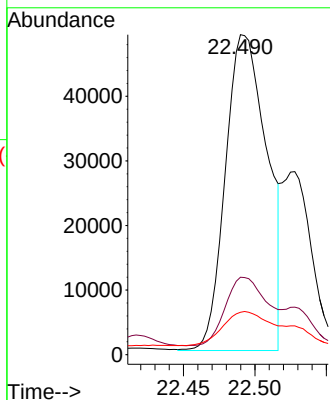
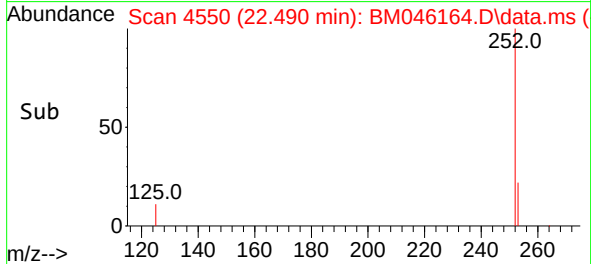
Instrument :
BNA_M
ClientSampleId :
A4BP9



Tgt Ion:252 Resp: 98950
Ion Ratio Lower Upper
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253 24.2 0.0 65.8
125 13.3 0.0 40.2

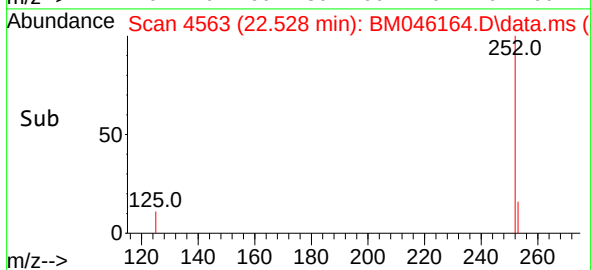
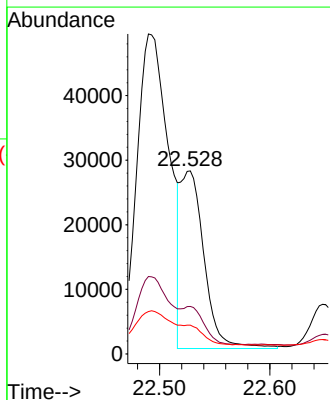
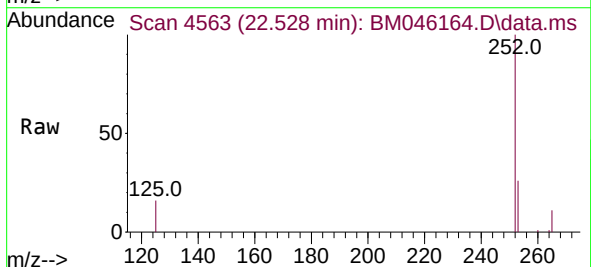
Manual Integrations
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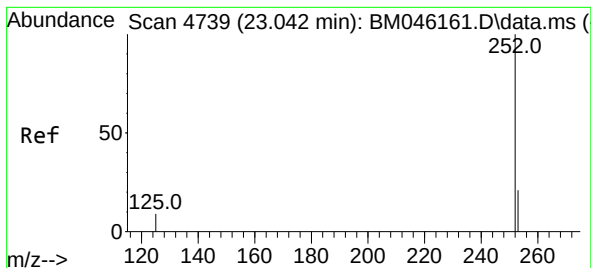
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.347 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

Tgt Ion:252 Resp: 41030
Ion Ratio Lower Upper
252 100
253 26.0 27.2 40.8#
125 15.7 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.472 ng/ul

RT: 23.016 min Scan# 41

Delta R.T. -0.038 min

Lab File: BM046164.D

Acq: 21 Jun 2024 17:37

Instrument :

BNA_M

ClientSampleId :

A4BP9

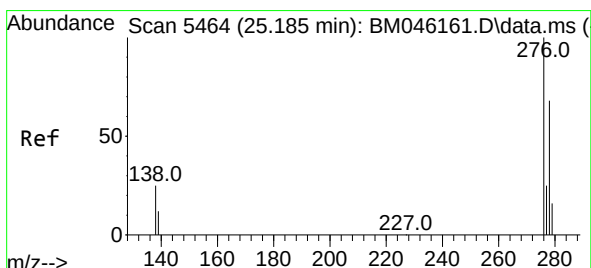
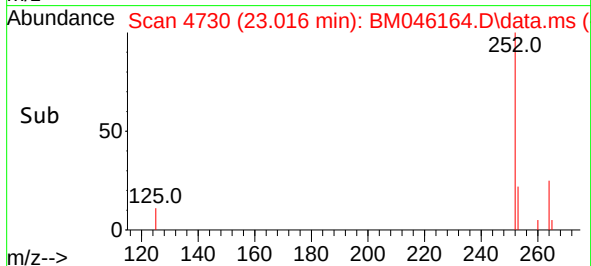
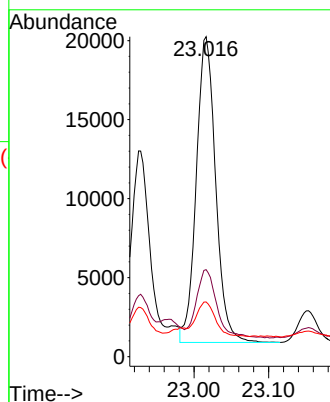
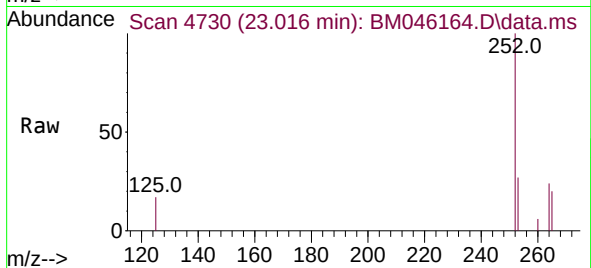
Tgt Ion:	252	Resp:	3493
Ion Ratio	Lower	Upper	
252	100		
253	27.2	32.1	48.1
125	17.1	21.2	31.8

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: 0.983 ng/ul

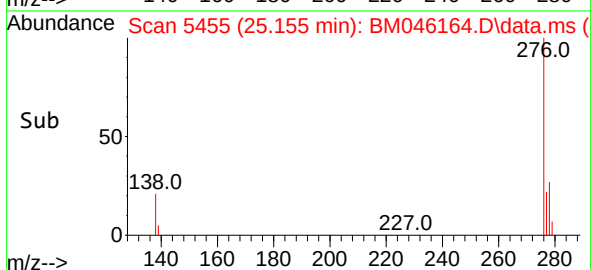
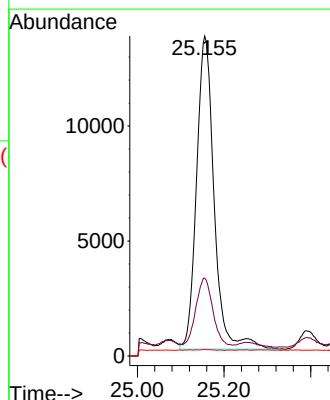
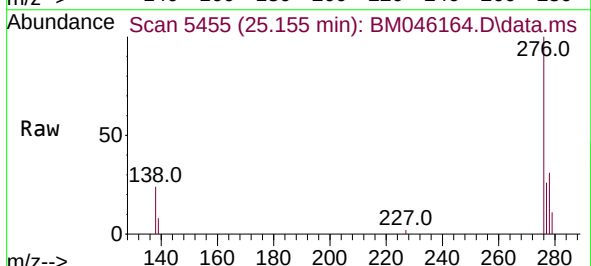
RT: 25.155 min Scan# 5455

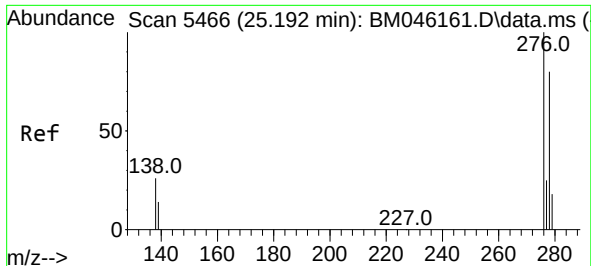
Delta R.T. -0.047 min

Lab File: BM046164.D

Acq: 21 Jun 2024 17:37

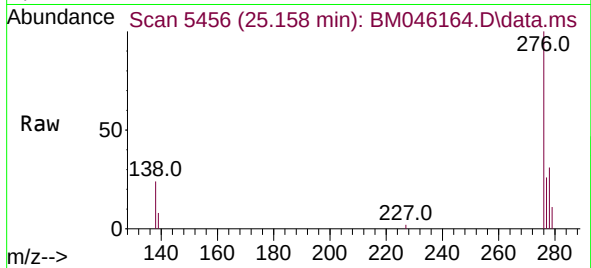
Tgt Ion:	276	Resp:	38187
Ion Ratio	Lower	Upper	
276	100		
138	20.9	21.0	31.4#
227	0.1	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.158 min Scan# 5466
Delta R.T. -0.057 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

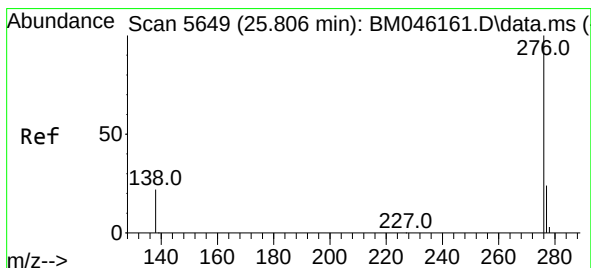
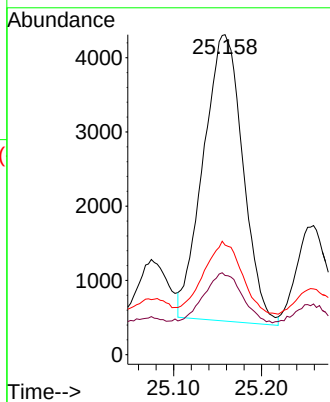
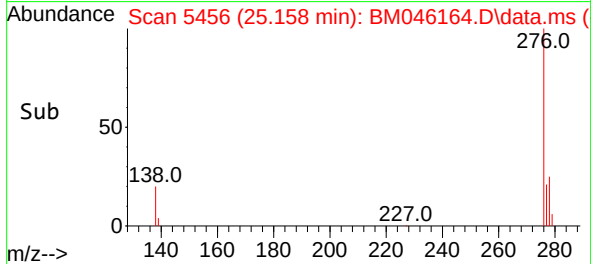
Instrument :
BNA_M
ClientSampleId :
A4BP9



Tgt Ion:278 Resp: 12072
Ion Ratio Lower Upper
278 100
139 24.8 17.6 26.4
279 34.3 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: 0.159 ng/ul
RT: 25.779 min Scan# 5641
Delta R.T. -0.051 min
Lab File: BM046164.D
Acq: 21 Jun 2024 17:37

Tgt Ion:276 Resp: 5302
Ion Ratio Lower Upper
276 100
138 37.2 21.7 32.5#
277 34.7 20.4 30.6#

