

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046871.D
 Acq On : 27 Jul 2024 17:05
 Operator : MA/JU
 Sample : P3263-13
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 28 23:31:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	3862	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	10747	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.108	164	6192	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.866	188	11888	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	7890	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	8115m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.092	96	8390	3.103	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.821	152	3941	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	6412	0.250	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	2829	0.104	ng/ul#	94
7) 2-Methylnaphthalene	11.892	142	1358	0.073	ng/ul	97
8) 1-Methylnaphthalene	12.118	142	826	0.043	ng/ul	97
10) Acenaphthylene	13.825	152	4640	0.164	ng/ul	94
11) Acenaphthene	14.172	153	606	0.031	ng/ul#	84
12) Fluorene	15.176	166	1995	0.083	ng/ul#	82
15) Phenanthrene	16.908	178	18191	0.532	ng/ul	99
16) Anthracene	16.996	178	5336	0.168	ng/ul#	79
19) Fluoranthene	18.936	202	38314	1.106	ng/ul	98
20) Pyrene	19.303	202	33297	0.929	ng/ul	97
21) Benzo(a)anthracene	21.064	228	16169	0.492	ng/ul#	87
22) Chrysene	21.114	228	21623	0.647	ng/ul#	93
24) Benzo(b)fluoranthene	22.581	252	30385m	0.853	ng/ul	
25) Benzo(k)fluoranthene	22.616	252	10755m	0.300	ng/ul	
26) Benzo(a)pyrene	23.119	252	16836	0.658	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.313	276	16440	0.418	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.327	278	4003	0.139	ng/ul#	12
29) Benzo(g,h,i)perylene	25.957	276	16924	0.488	ng/ul#	87

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

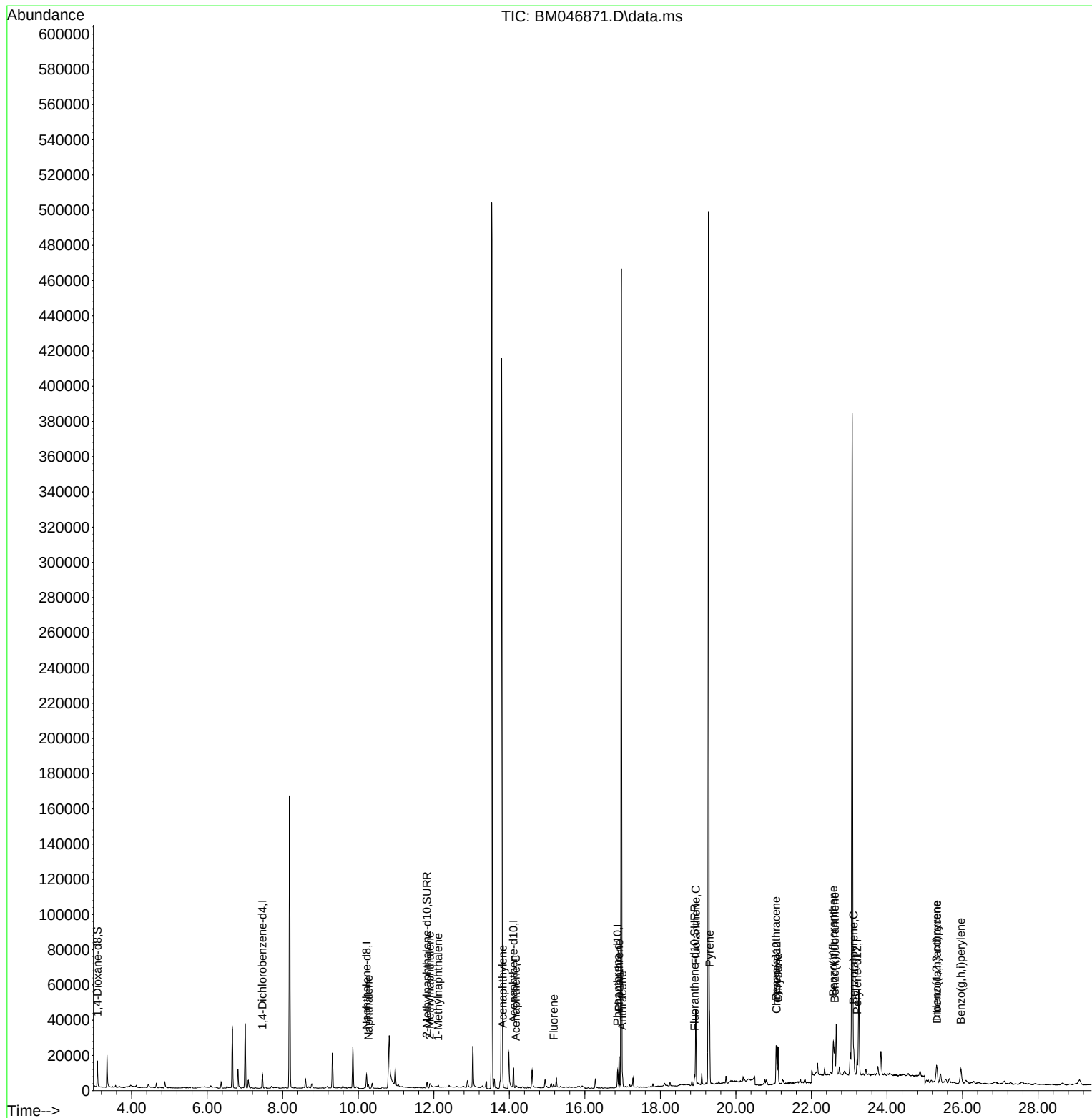
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046871.D
Acq On : 27 Jul 2024 17:05
Operator : MA/JU
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ALS Vial : 53 Sample Multiplier: 1

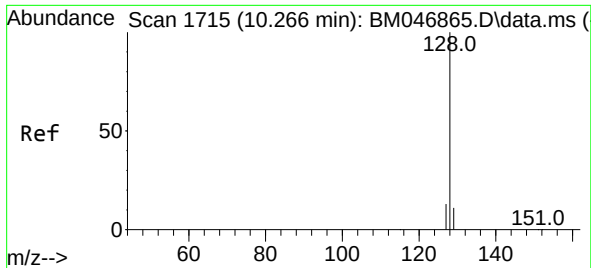
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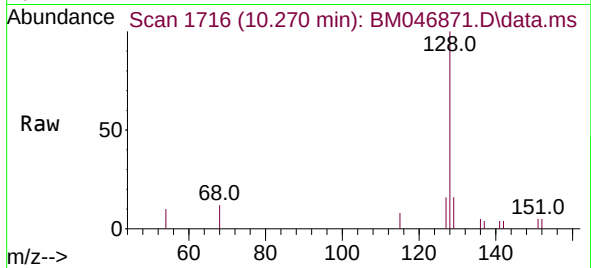
Quant Time: Jul 28 23:31:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

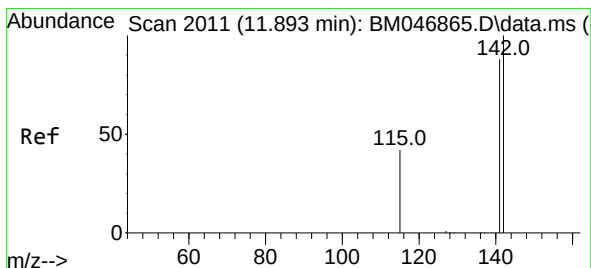
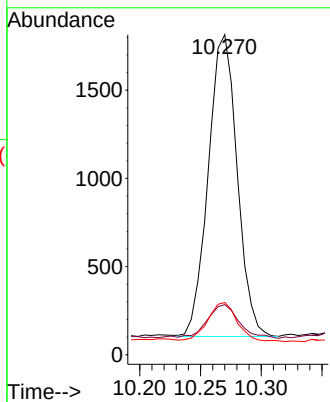
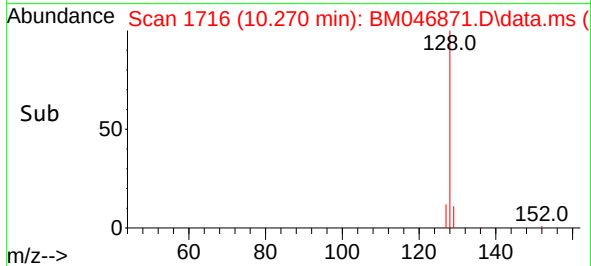
Instrument :
BNA_M
ClientSampleId :
A4CG7



Tgt Ion:128 Resp: 2829
Ion Ratio Lower Upper
128 100
129 15.6 10.1 15.1
127 16.3 11.5 17.3

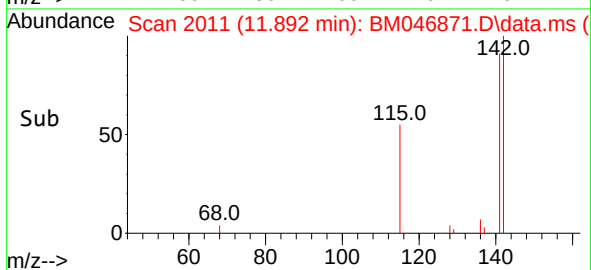
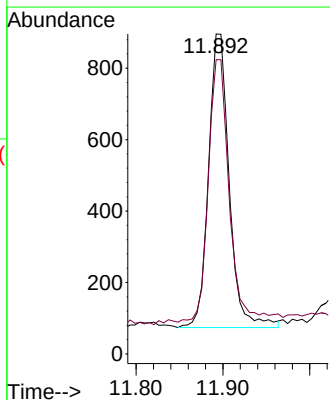
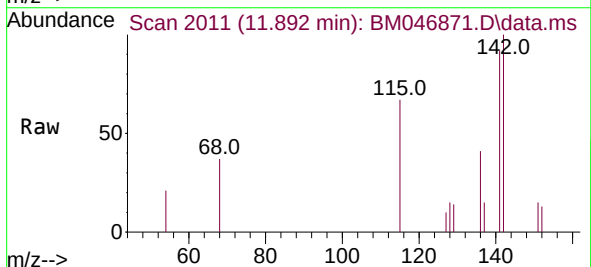
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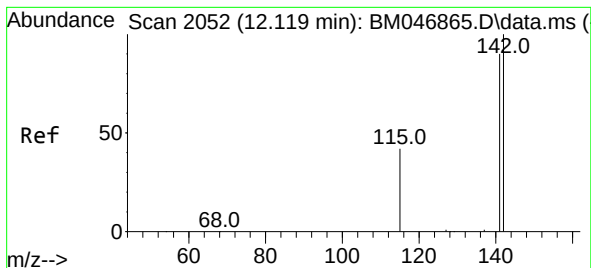
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:142 Resp: 1358
Ion Ratio Lower Upper
142 100
141 90.9 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.043 ng/ul

RT: 12.118 min Scan# 2052

Delta R.T. -0.012 min

Lab File: BM046871.D

Acq: 27 Jul 2024 17:05

Instrument :

BNA_M

ClientSampleId :

A4CG7

Tgt Ion:142 Resp: 820

Ion Ratio Lower Upper

142 100

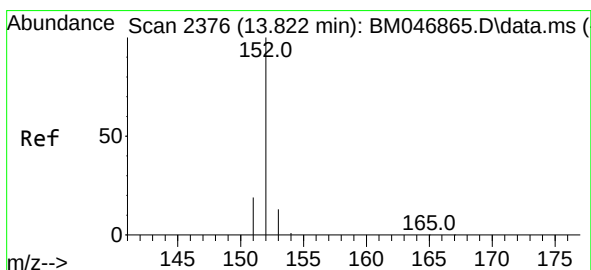
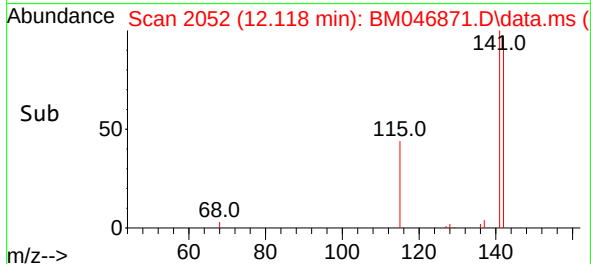
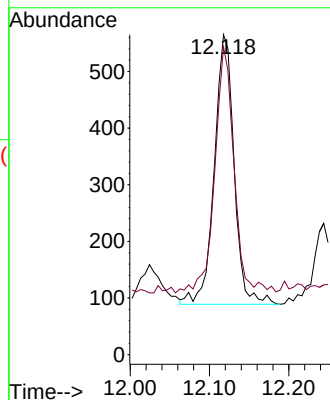
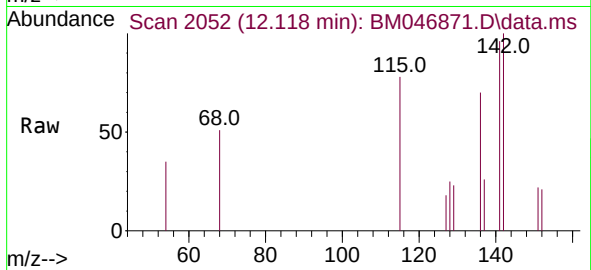
141 89.0 73.1 109.7

Manual Integrations

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#10

Acenaphthylene

Concen: 0.164 ng/ul

RT: 13.825 min Scan# 2377

Delta R.T. -0.006 min

Lab File: BM046871.D

Acq: 27 Jul 2024 17:05

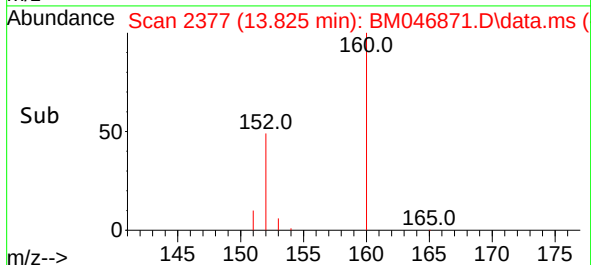
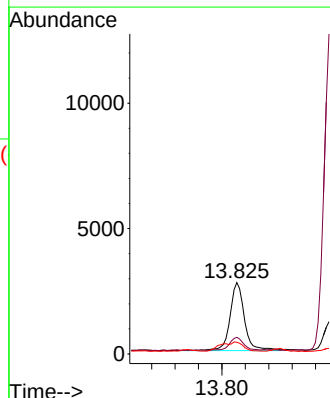
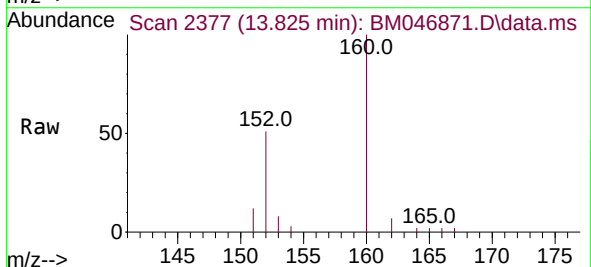
Tgt Ion:152 Resp: 4640

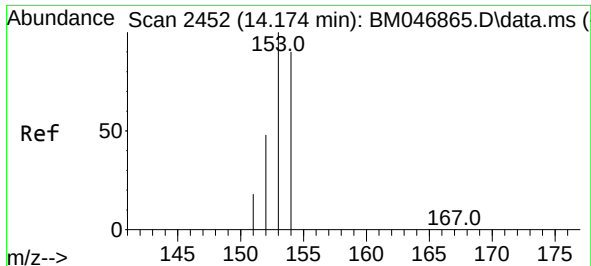
Ion Ratio Lower Upper

152 100

151 23.4 16.8 25.2

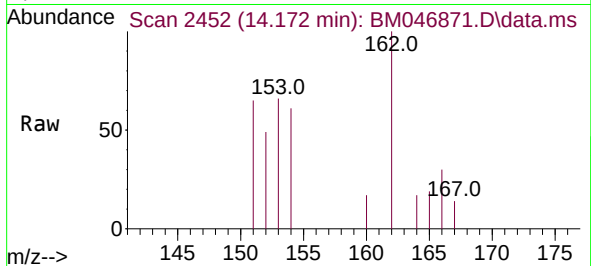
153 16.5 11.0 16.6





#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.172 min Scan# 2452
Delta R.T. -0.010 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

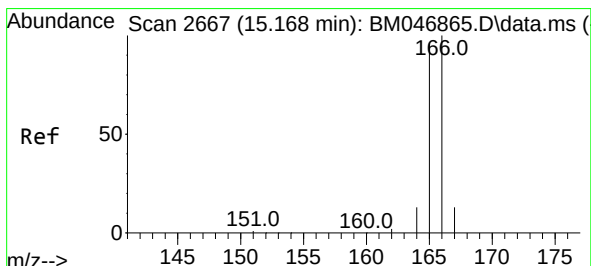
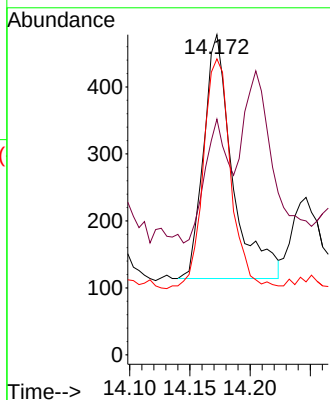
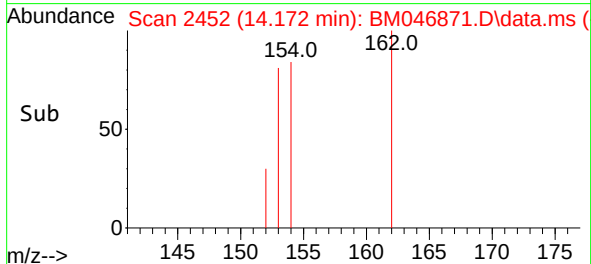
Instrument :
BNA_M
ClientSampleId :
A4CG7



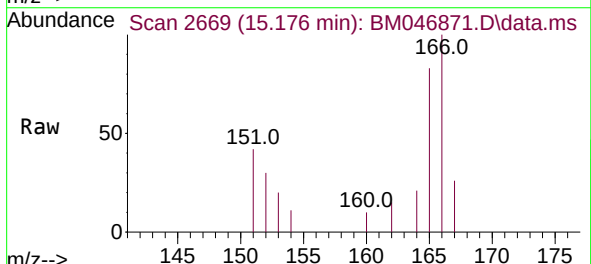
Tgt Ion:153 Resp: 600
Ion Ratio Lower Upper
153 100
152 73.6 38.6 57.8
154 92.5 70.8 106.2

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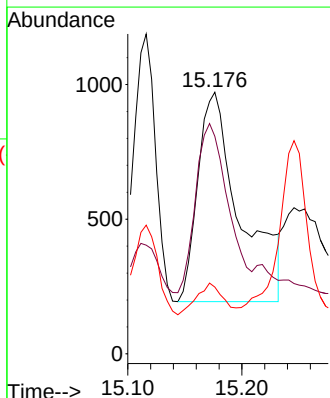
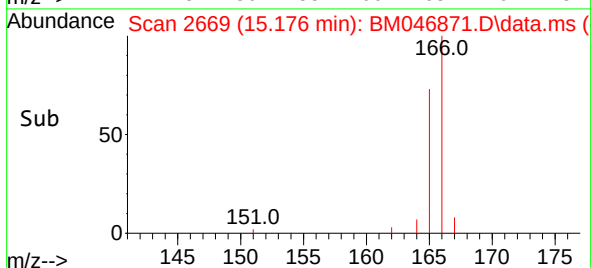
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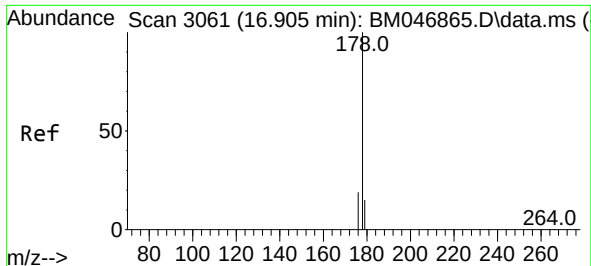


#12
Fluorene
Concen: 0.083 ng/u1
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05



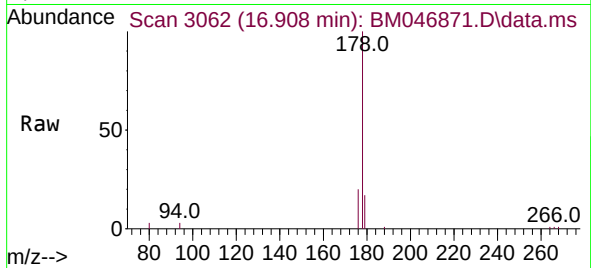
Tgt Ion:166 Resp: 1995
Ion Ratio Lower Upper
166 100
165 83.1 79.8 119.6
167 25.5 12.3 18.5#





#15
Phenanthrene
Concen: 0.532 ng/ul
RT: 16.908 min Scan# 3061
Delta R.T. -0.005 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

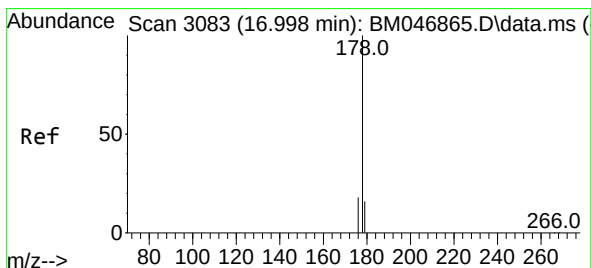
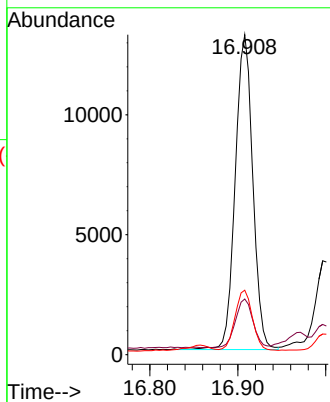
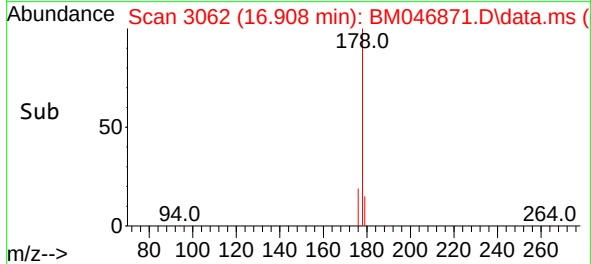
Instrument :
BNA_M
ClientSampleId :
A4CG7



Tgt Ion:178 Resp: 1819
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.2
176 20.2 16.1 24.1

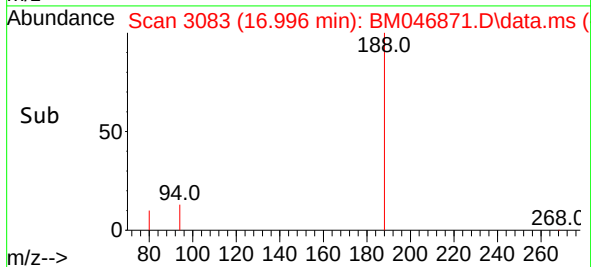
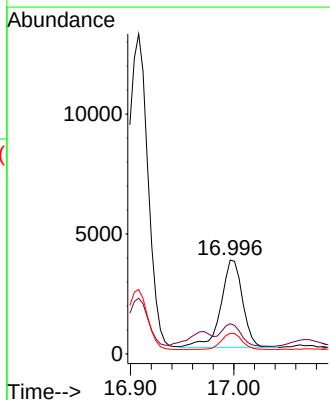
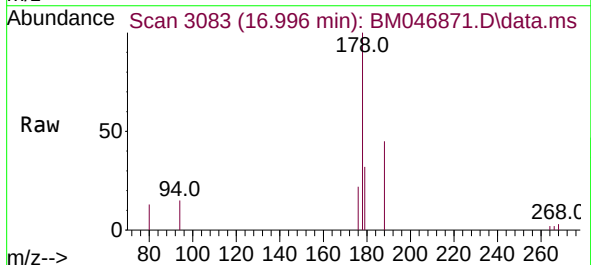
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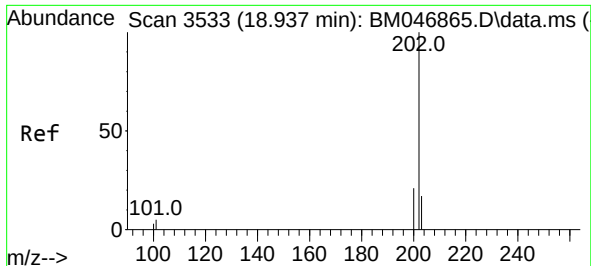
Reviewed By :Yogesh Patel 07/29/2024
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#16
Anthracene
Concen: 0.168 ng/ul
RT: 16.996 min Scan# 3083
Delta R.T. -0.010 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

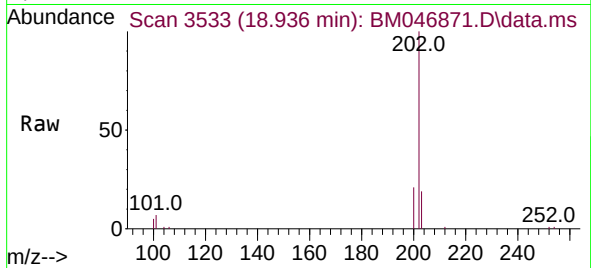
Tgt Ion:178 Resp: 5336
Ion Ratio Lower Upper
178 100
179 32.3 13.1 19.7#
176 22.0 15.0 22.6





#19
Fluoranthene
Concen: 1.106 ng/uI
RT: 18.936 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

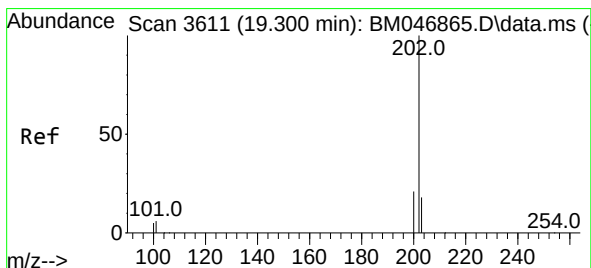
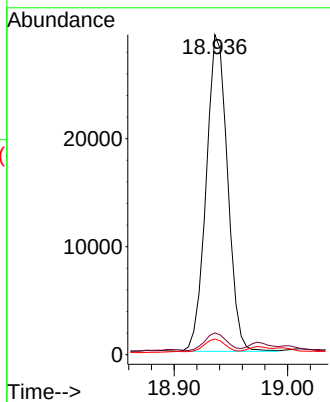
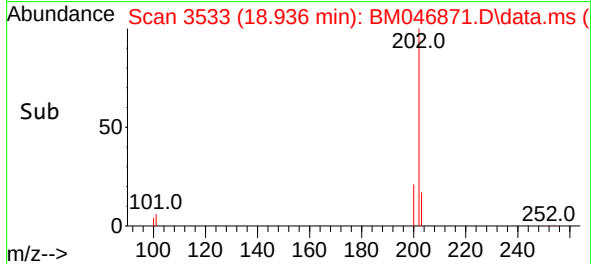
Instrument :
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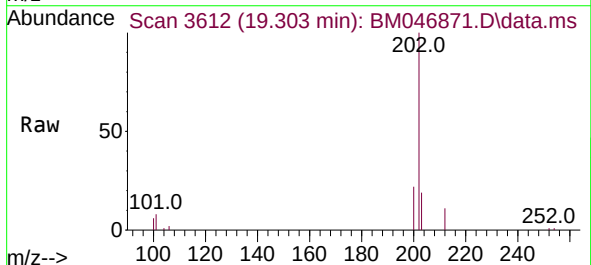
Tgt Ion:202 Resp: 38314
Ion Ratio Lower Upper
202 100
101 6.8 4.7 7.1
100 4.9 3.4 5.2

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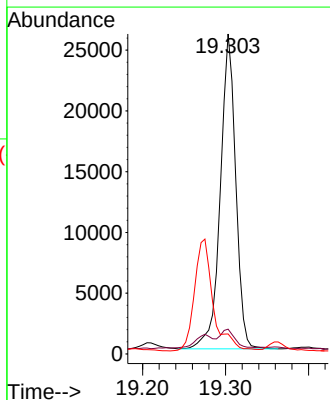
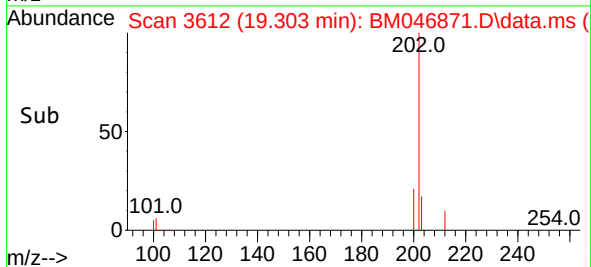
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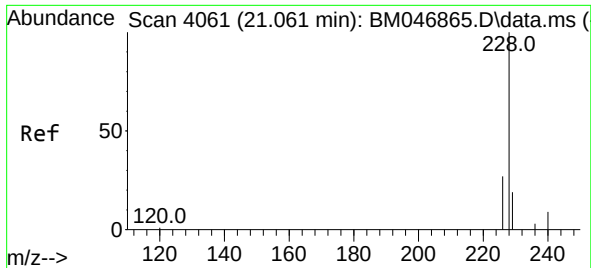


#20
Pyrene
Concen: 0.929 ng/uI
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05



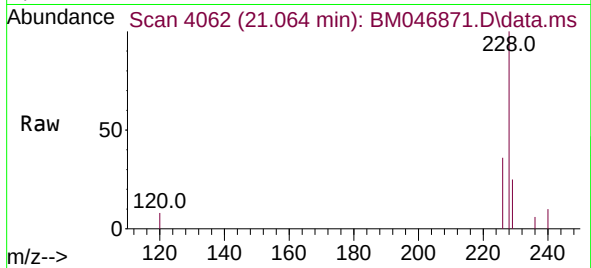
Tgt Ion:202 Resp: 33297
Ion Ratio Lower Upper
202 100
101 7.8 5.2 7.8
100 6.2 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.492 ng/ul
RT: 21.064 min Scan# 4061
Delta R.T. 0.000 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

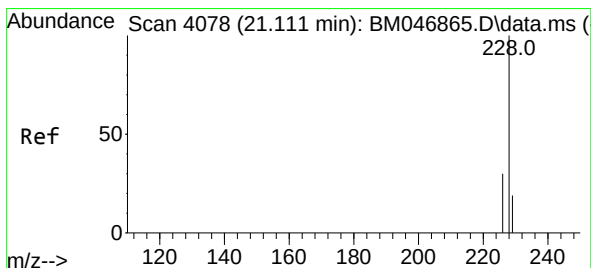
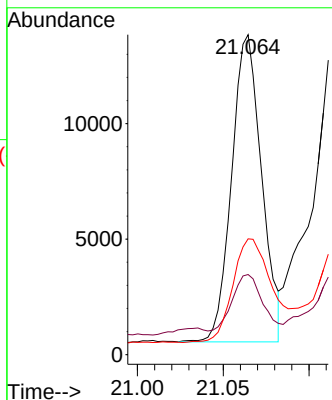
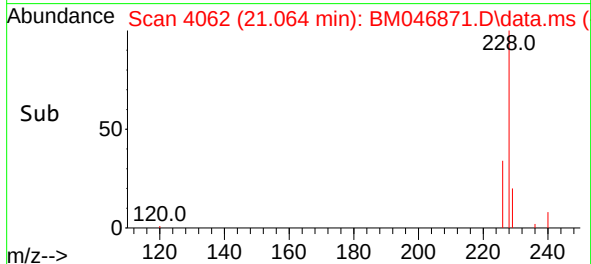
Instrument :
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A4CG7



Tgt Ion:228 Resp: 16169
Ion Ratio Lower Upper
228 100
229 25.1 16.3 24.5
226 36.2 22.3 33.5

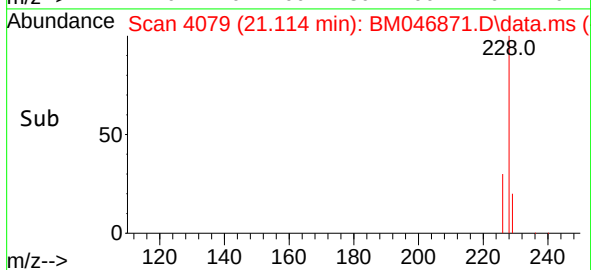
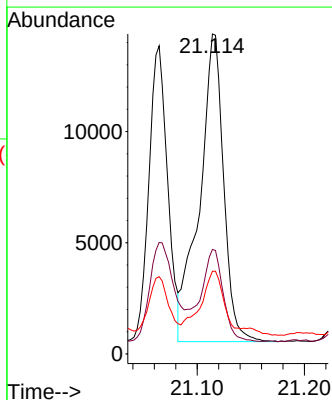
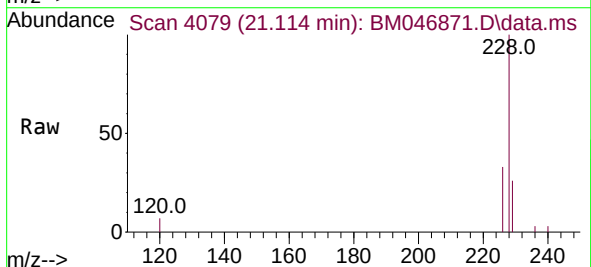
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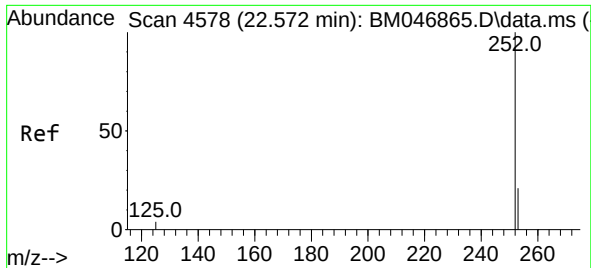
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 0.647 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.002 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

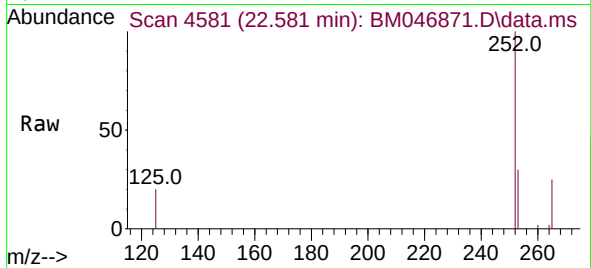
Tgt Ion:228 Resp: 21623
Ion Ratio Lower Upper
228 100
226 32.6 24.5 36.7
229 25.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.853 ng/ul m
RT: 22.581 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

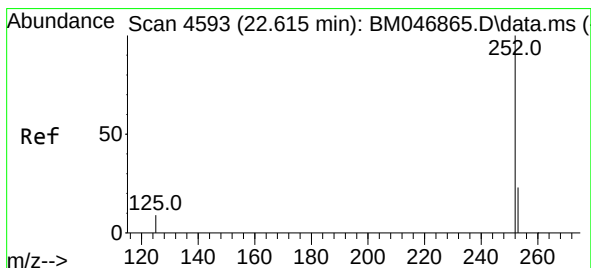
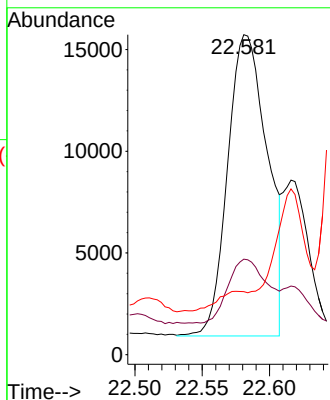
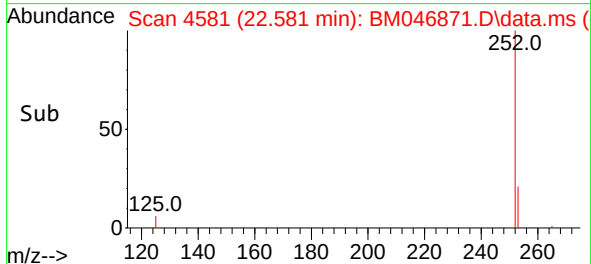
Instrument :
BNA_M
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Tgt Ion:252 Resp: 3038
Ion Ratio Lower Upper
252 100
253 29.8 0.0 56.4
125 19.7 0.0 15.8

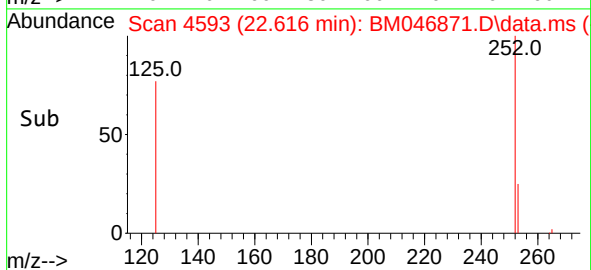
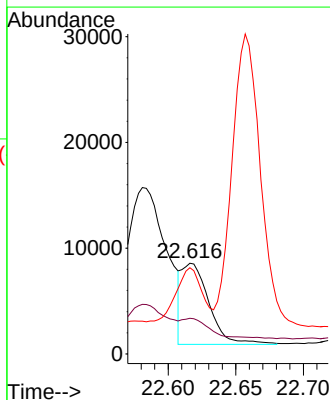
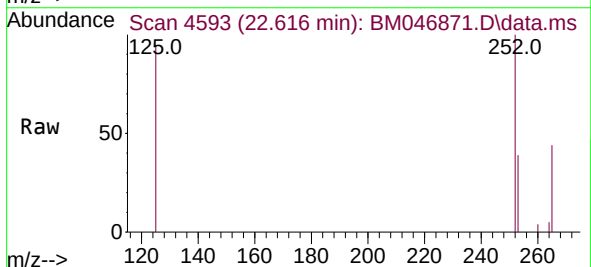
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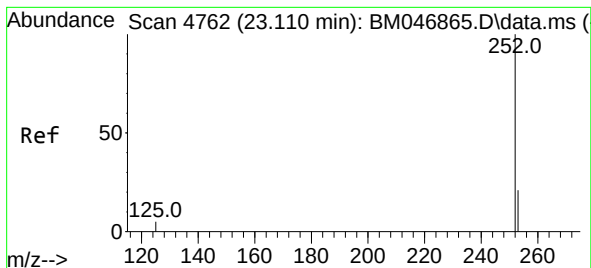
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. -0.005 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:252 Resp: 10755
Ion Ratio Lower Upper
252 100
253 39.4 23.5 35.3#
125 95.0 8.6 13.0#





#26

Benzo(a)pyrene

Concen: 0.658 ng/ul

RT: 23.119 min Scan# 4765

Delta R.T. 0.001 min

Lab File: BM046871.D

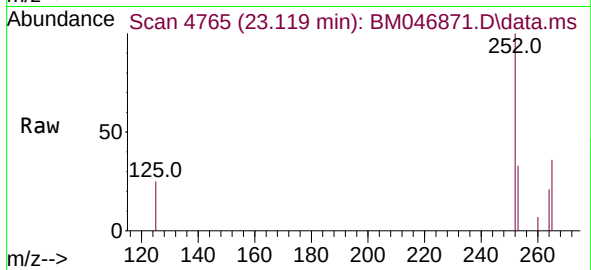
Acq: 27 Jul 2024 17:05

Instrument :

BNM_M

ClientSampleId :

A4CG7



Tgt Ion:252 Resp: 16830

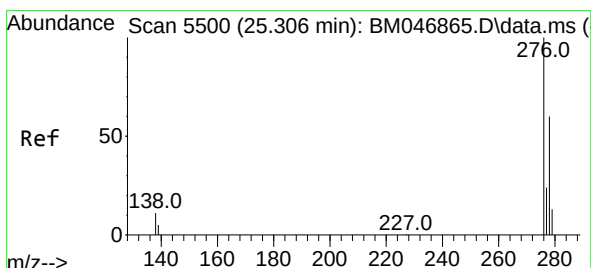
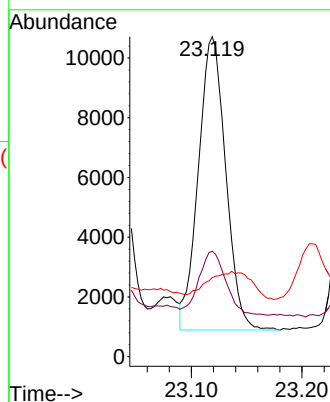
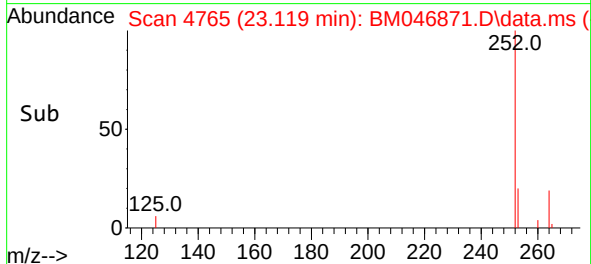
Ion	Ratio	Lower	Upper
252	100		
253	33.0	26.0	39.0
125	24.7	7.8	11.8

Manual Integrations

APPROVED

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng/ul

RT: 25.313 min Scan# 5502

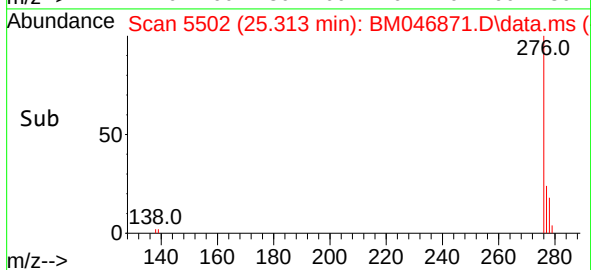
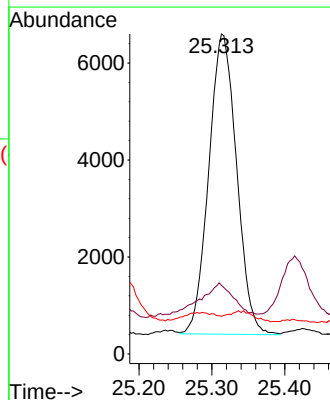
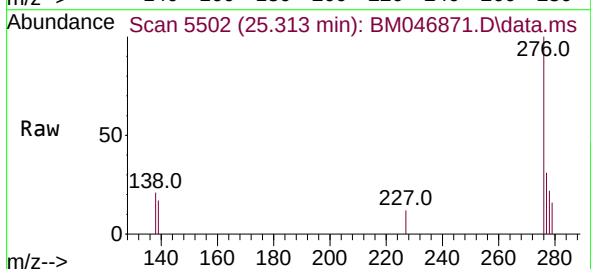
Delta R.T. -0.003 min

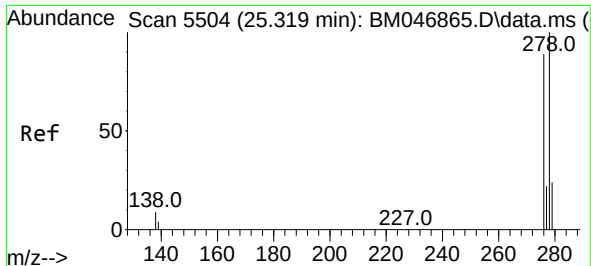
Lab File: BM046871.D

Acq: 27 Jul 2024 17:05

Tgt Ion:276 Resp: 16440

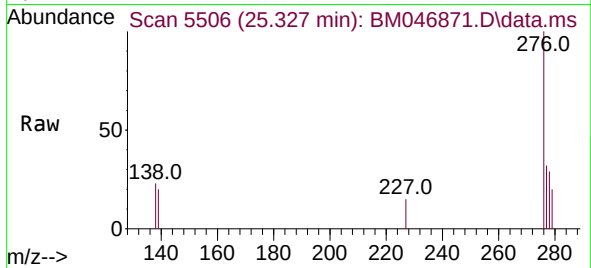
Ion	Ratio	Lower	Upper
276	100		
138	13.8	9.7	14.5
227	0.0	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 25.327 min Scan# 5504
Delta R.T. -0.006 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

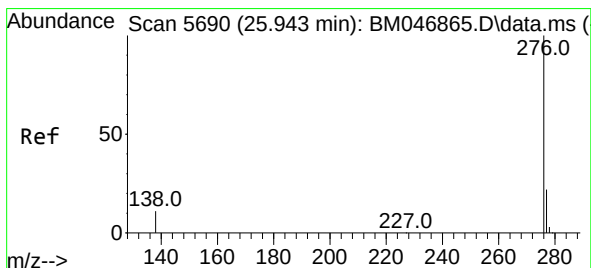
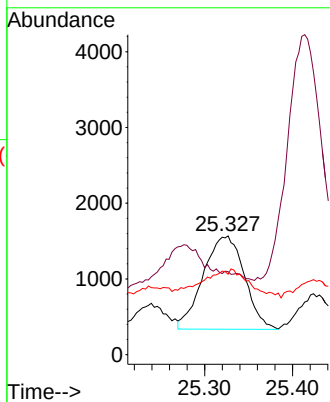
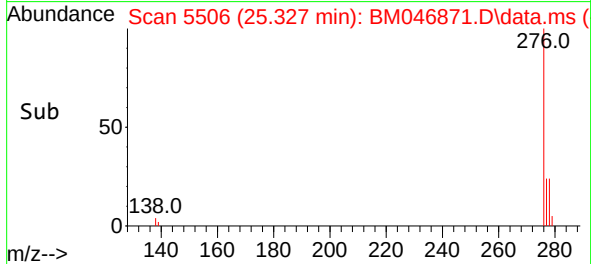
Instrument :
BNA_M
ClientSampleId :
A4CG7



Tgt Ion:278 Resp: 4000
Ion Ratio Lower Upper
278 100
139 69.9 9.8 14.8
279 67.8 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.488 ng/ul
RT: 25.957 min Scan# 5694
Delta R.T. 0.004 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:276 Resp: 16924
Ion Ratio Lower Upper
276 100
138 22.5 9.5 14.3
277 29.6 20.9 31.3

