

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046860.D
 Acq On : 27 Jul 2024 09:48
 Operator : MA/JU
 Sample : P3264-16
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM3

Manual Integrations
 APPROVED

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

Quant Time: Jul 28 23:29:25 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	7.463	152	3623	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	16750	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.109	164	6287	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	11592	0.400	ng/ul	0.00
17) Chrysene-d12	21.078	240	6691	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	7984	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.092	96	7109	2.802	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.822	152	4855	0.182	ng/ul	0.00
18) Fluoranthene-d10	18.904	212	5140	0.236	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.265	128	15697	0.371	ng/ul	98
7) 2-Methylnaphthalene	11.893	142	5999	0.206	ng/ul	99
8) 1-Methylnaphthalene	12.119	142	5090	0.169	ng/ul	99
10) Acenaphthylene	13.822	152	10719	0.372	ng/ul	99
11) Acenaphthene	14.173	153	13753	0.704	ng/ul	100
12) Fluorene	15.168	166	17116	0.701	ng/ul	98
15) Phenanthrene	16.909	178	306105	9.187	ng/ul	97
16) Anthracene	16.998	178	51370	1.656	ng/ul	100
19) Fluoranthene	18.937	202	485251	16.513	ng/ul	99
20) Pyrene	19.304	202	328476	10.806	ng/ul	98
21) Benzo(a)anthracene	21.064	228	188299	6.753	ng/ul	98
22) Chrysene	21.113	228	194911	6.882	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	270006m	7.703	ng/ul	
25) Benzo(k)fluoranthene	22.615	252	93295m	2.641	ng/ul	
26) Benzo(a)pyrene	23.115	252	100703	4.002	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.306	276	99198	2.561	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.313	278	31124	1.098	ng/ul	99
29) Benzo(g,h,i)perylene	25.946	276	15576	0.457	ng/ul#	93

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

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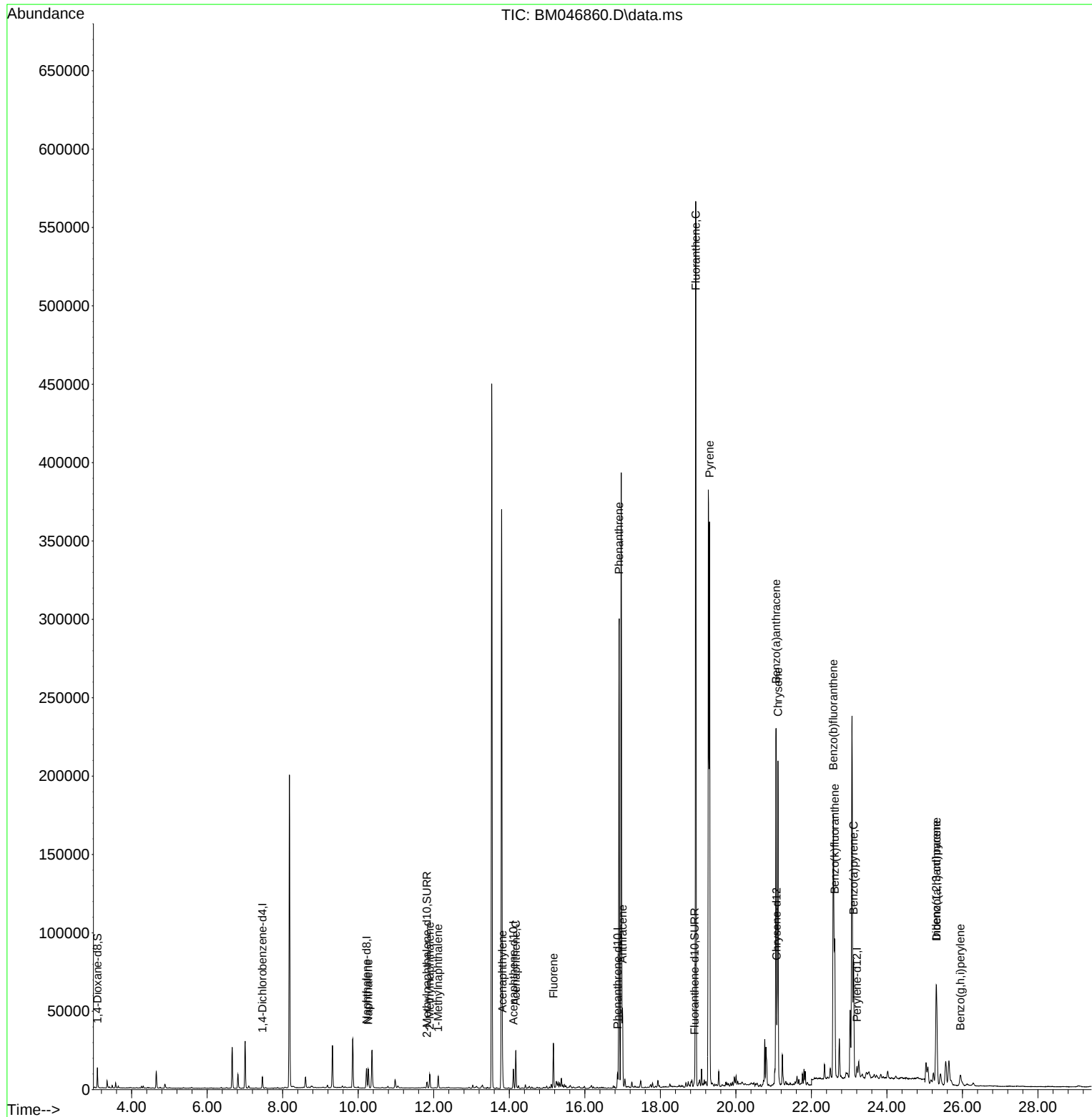
Quant Time: Jul 28 23:29:25 2024

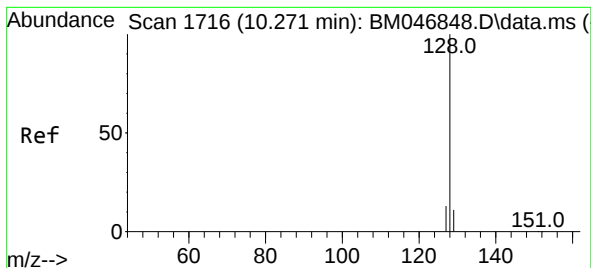
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 24 15:10:37 2024

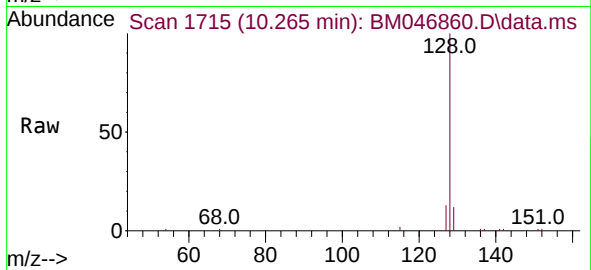
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.265 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

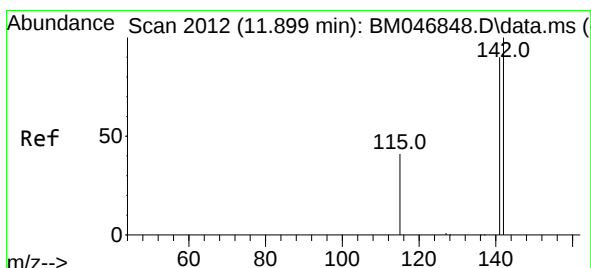
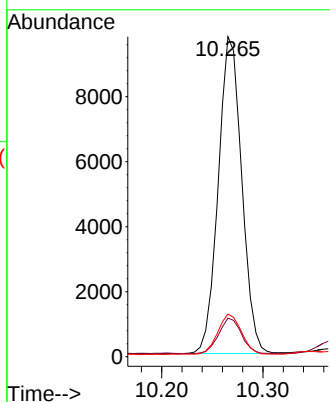
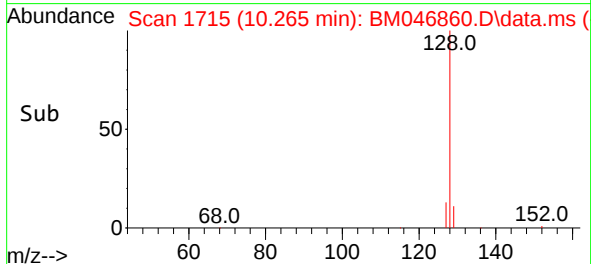
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:128 Resp: 1569
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 13.3 11.5 17.3

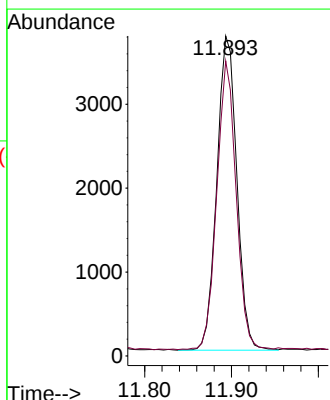
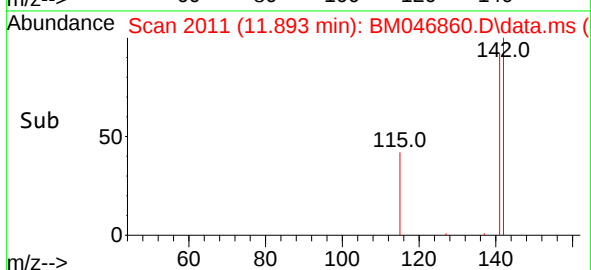
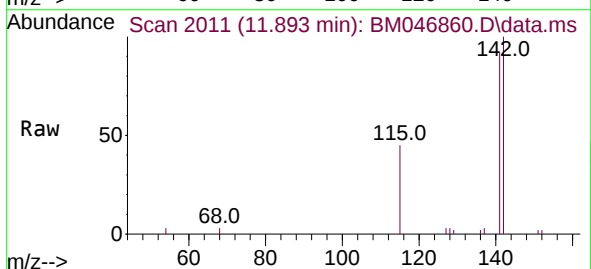
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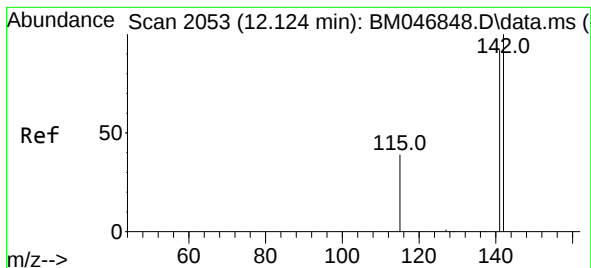
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

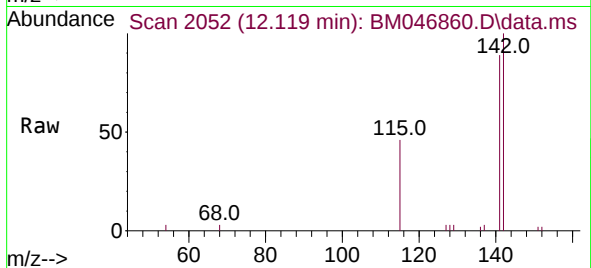
Tgt Ion:142 Resp: 5999
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.169 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

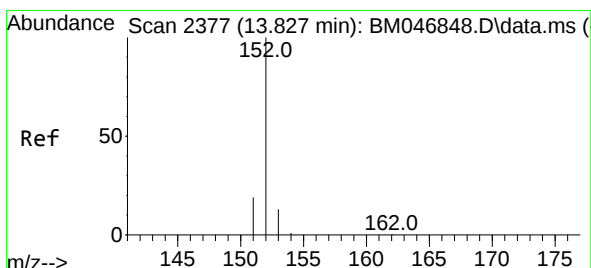
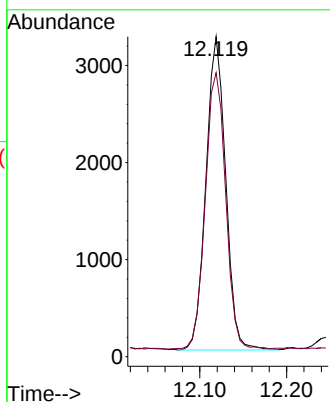
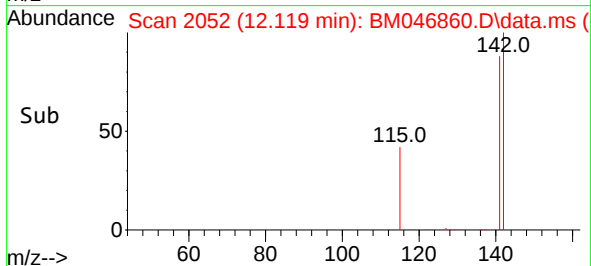
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:142 Resp: 5090
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7

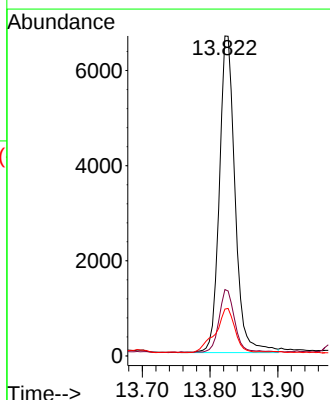
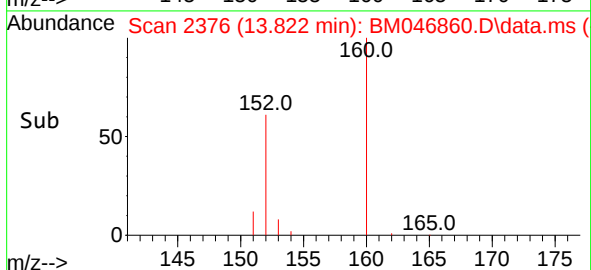
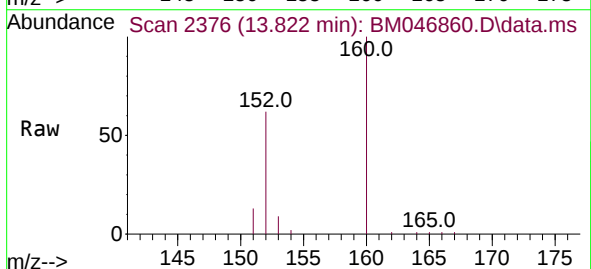
Manual Integrations
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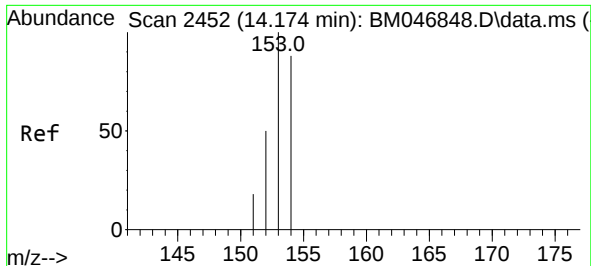
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.009 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

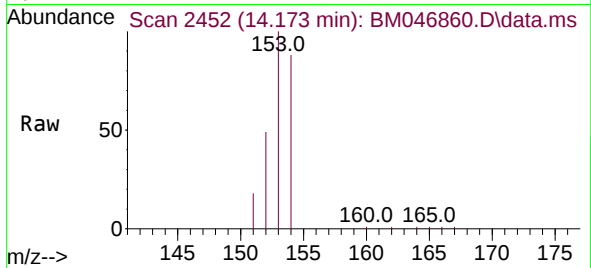
Tgt Ion:152 Resp: 10719
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.6 11.0 16.6





#11
Acenaphthene
Concen: 0.704 ng/ul
RT: 14.173 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

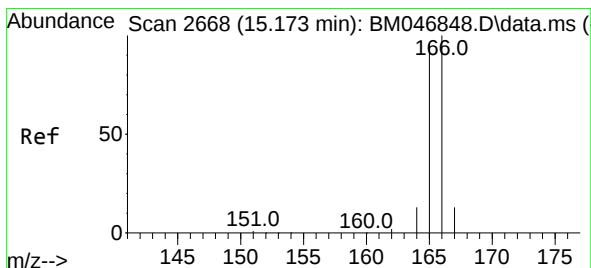
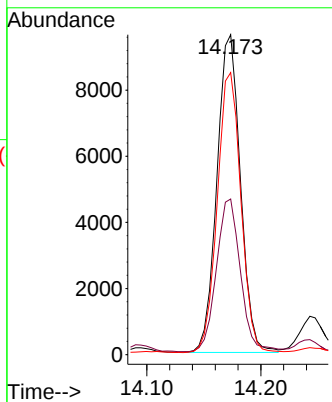
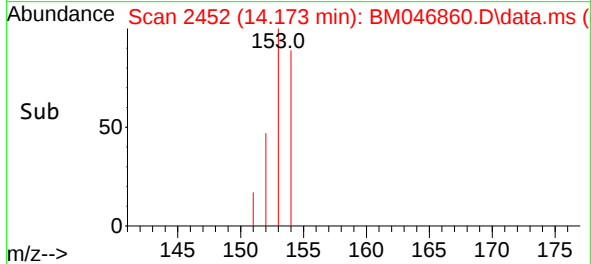
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:153 Resp: 1375
Ion Ratio Lower Upper
153 100
152 48.6 38.6 57.8
154 88.2 70.8 106.2

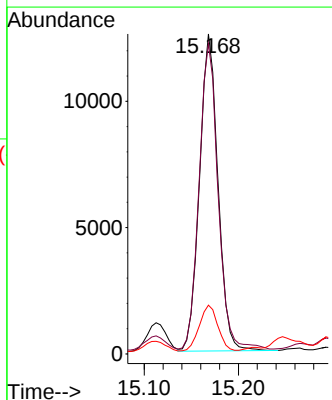
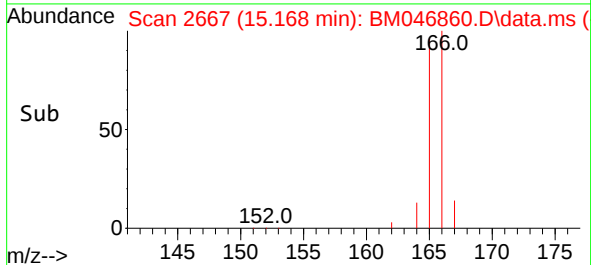
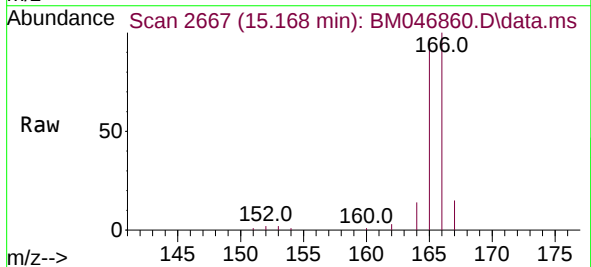
Manual Integrations
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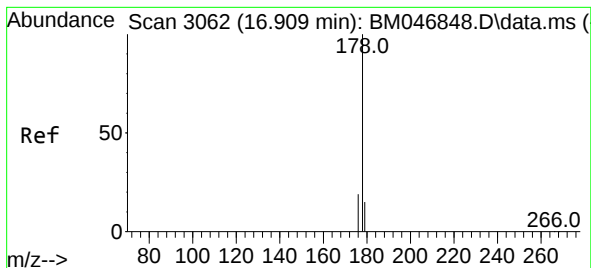
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.701 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

Tgt Ion:166 Resp: 17116
Ion Ratio Lower Upper
166 100
165 97.0 79.8 119.6
167 15.3 12.3 18.5





#15

Phenanthrene

Concen: 9.187 ng/ul

RT: 16.909 min Scan# 3062

Delta R.T. -0.004 min

Lab File: BM046860.D

Acq: 27 Jul 2024 09:48

Instrument :

BNA_M

ClientSampleId :

A4CM3

Tgt Ion:178 Resp: 30610

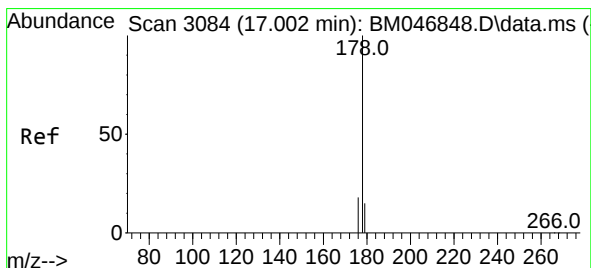
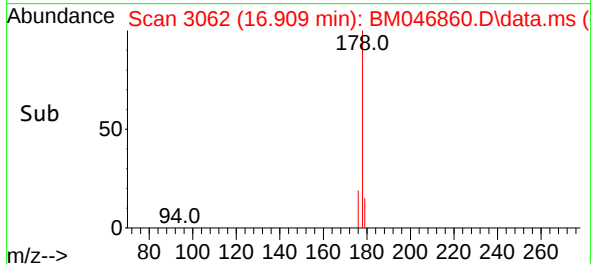
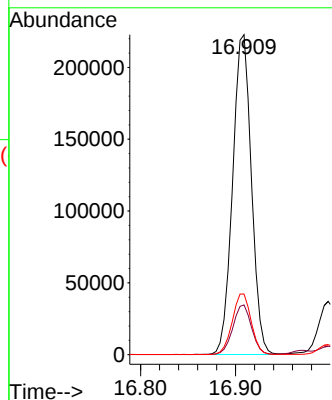
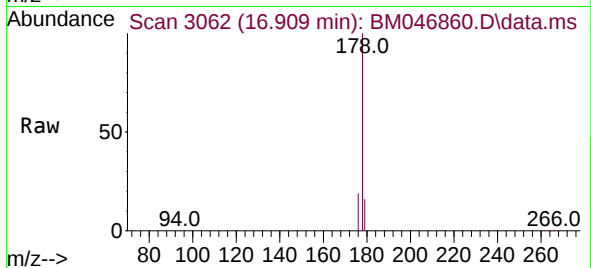
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.9	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#16

Anthracene

Concen: 1.656 ng/ul

RT: 16.998 min Scan# 3083

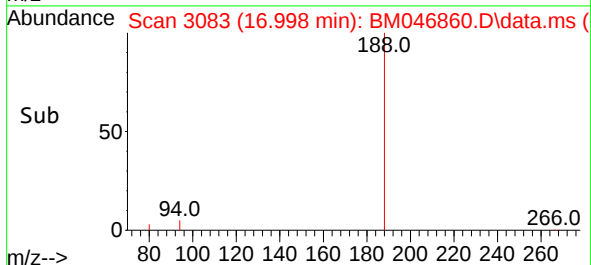
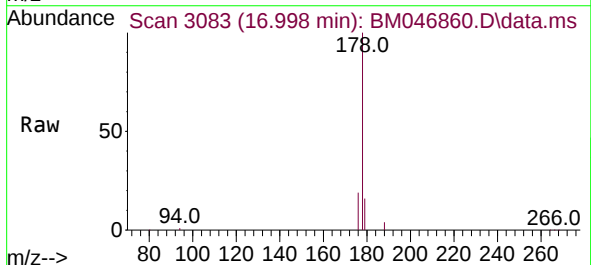
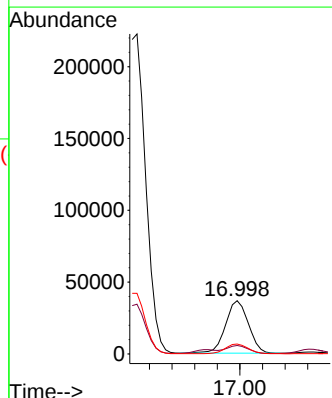
Delta R.T. -0.009 min

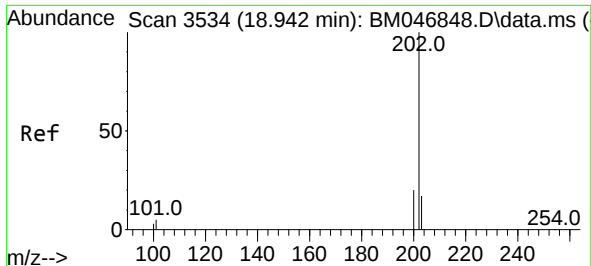
Lab File: BM046860.D

Acq: 27 Jul 2024 09:48

Tgt Ion:178 Resp: 51370

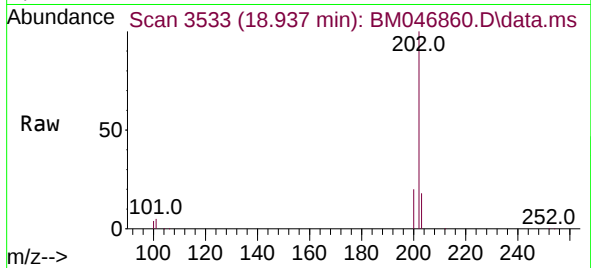
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.1	19.7
176	18.8	15.0	22.6





#19
Fluoranthene
Concen: 16.513 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

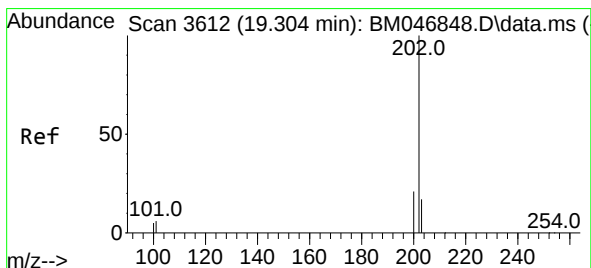
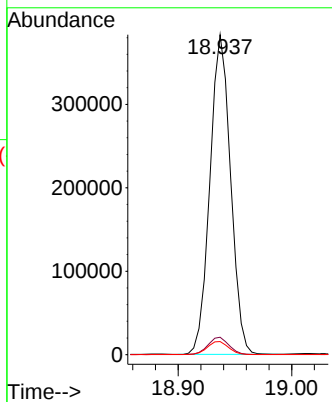
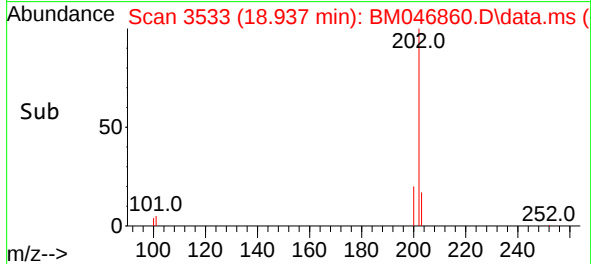
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:202 Resp: 48525
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.1 3.4 5.2

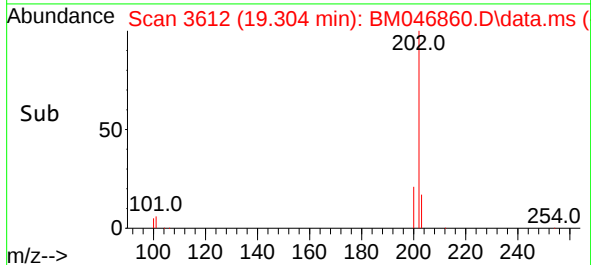
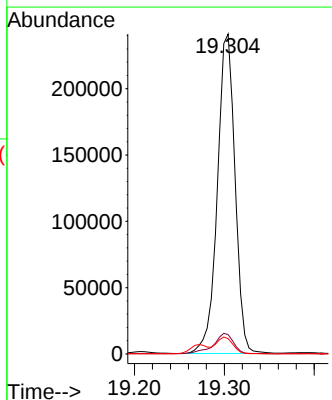
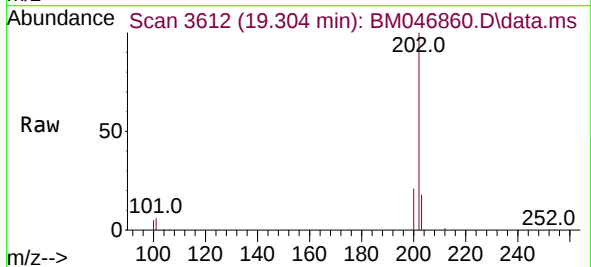
Manual Integrations
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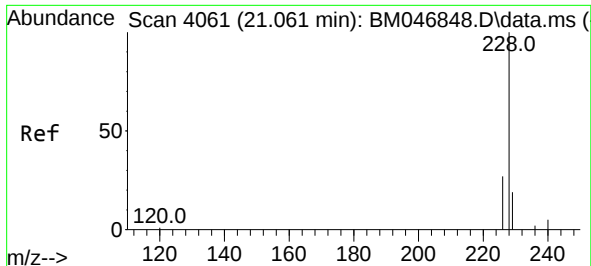
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 10.806 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. -0.000 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

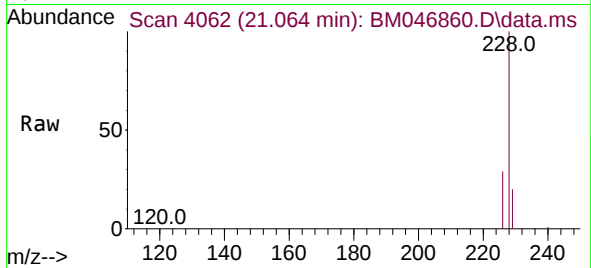
Tgt Ion:202 Resp: 328476
Ion Ratio Lower Upper
202 100
101 6.0 5.2 7.8
100 4.8 4.3 6.5





#21
Benzo(a)anthracene
Concen: 6.753 ng/ul
RT: 21.064 min Scan# 4061
Delta R.T. -0.000 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

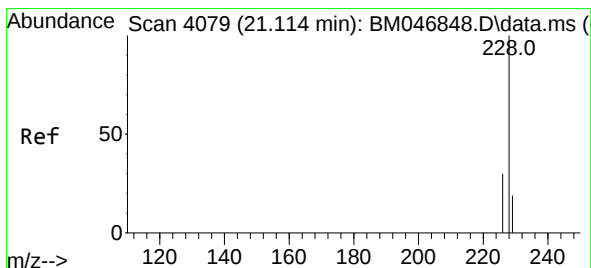
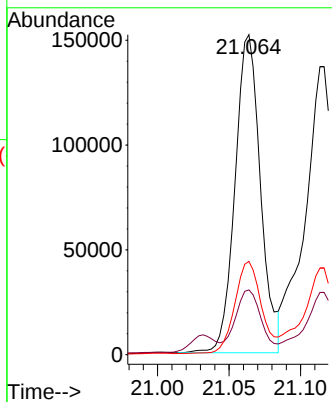
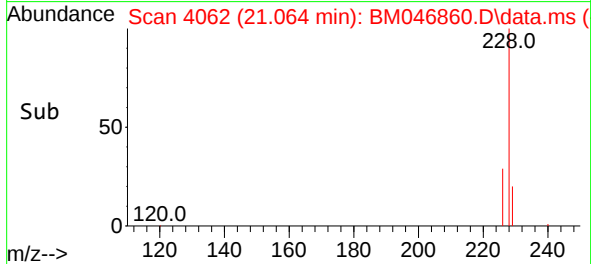
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:228 Resp: 188295
Ion Ratio Lower Upper
228 100
229 20.3 16.3 24.5
226 29.2 22.3 33.5

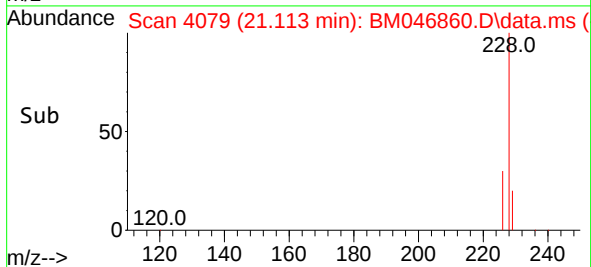
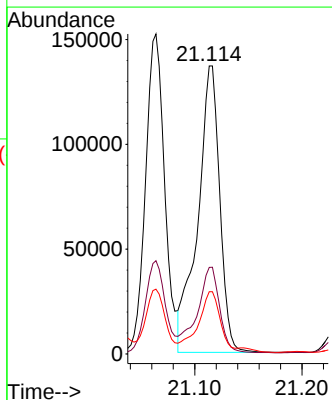
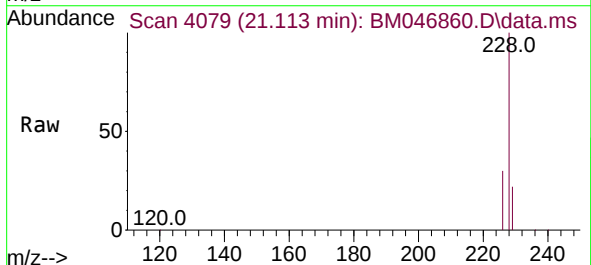
Manual Integrations
APPROVED

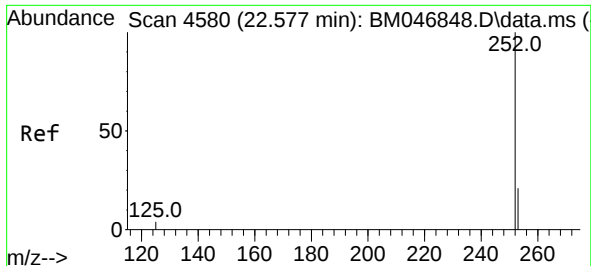
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 6.882 ng/ul
RT: 21.113 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

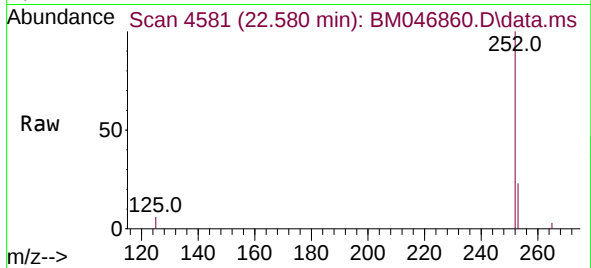
Tgt Ion:228 Resp: 194911
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 21.6 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 7.703 ng/ul m
RT: 22.580 min Scan# 4580
Delta R.T. -0.000 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

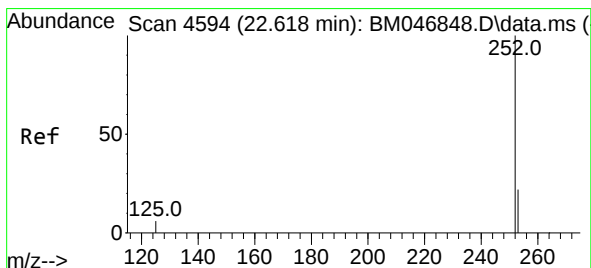
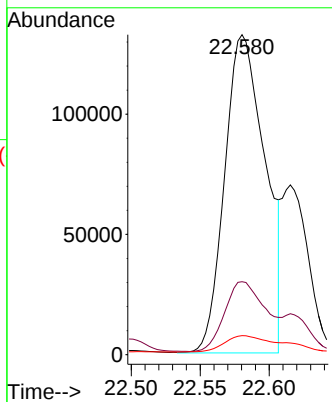
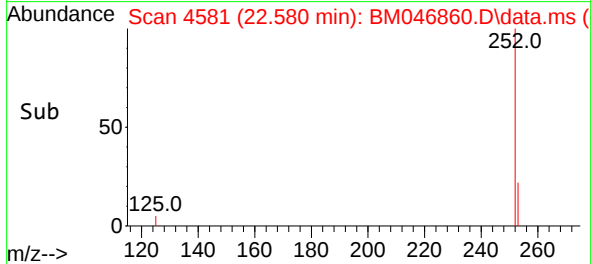
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:252 Resp: 270000
Ion Ratio Lower Upper
252 100
253 22.8 0.0 56.4
125 5.9 0.0 15.8

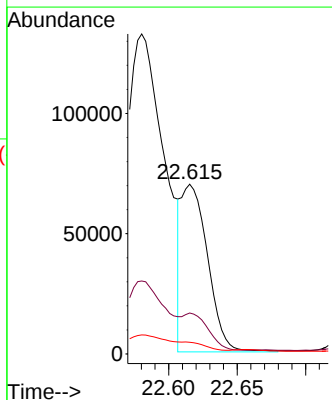
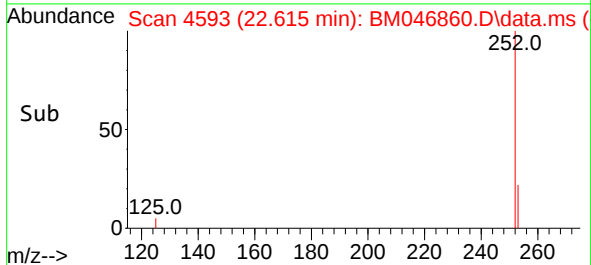
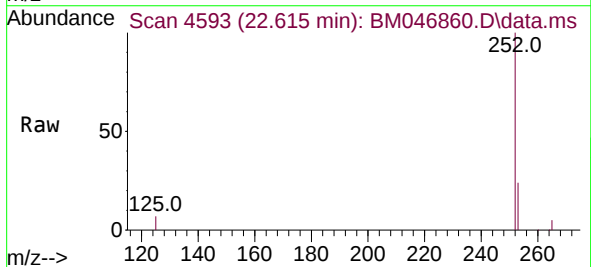
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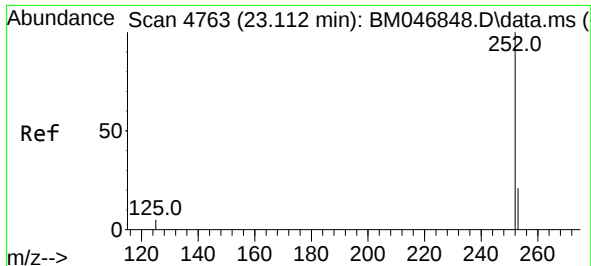
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 2.641 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

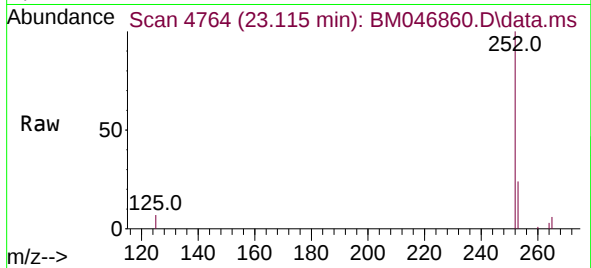
Tgt Ion:252 Resp: 93295
Ion Ratio Lower Upper
252 100
253 24.1 23.5 35.3
125 6.9 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 4.002 ng/ul
RT: 23.115 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

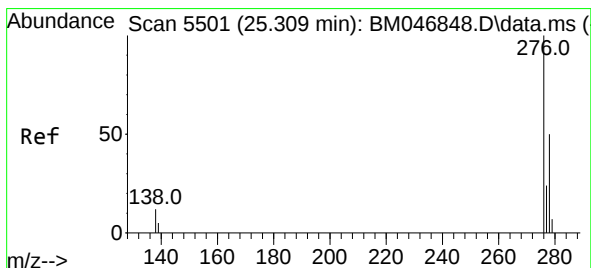
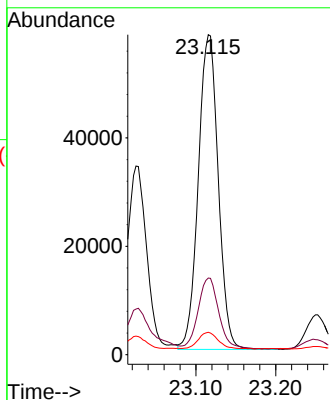
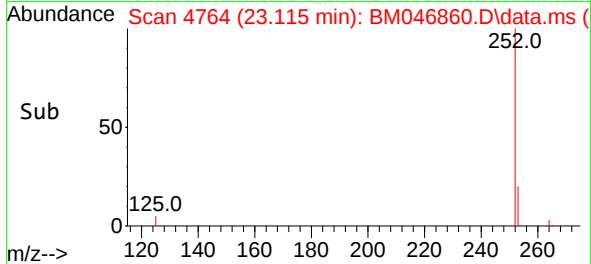
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:252 Resp: 10070
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0
125 7.0 7.8 11.8

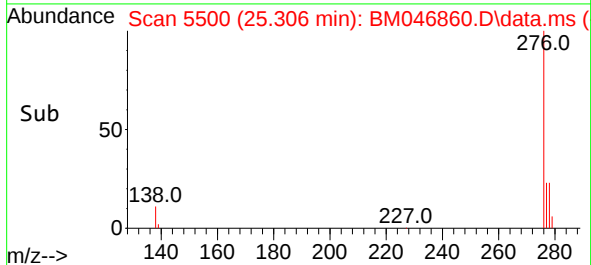
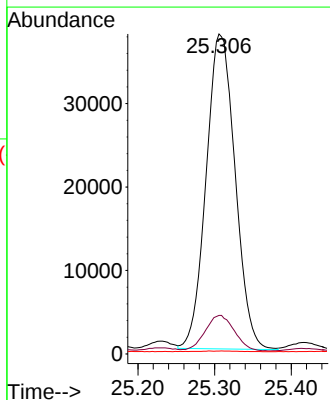
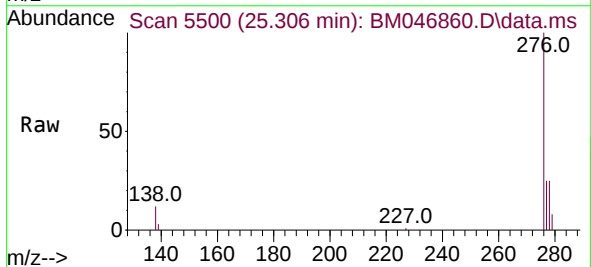
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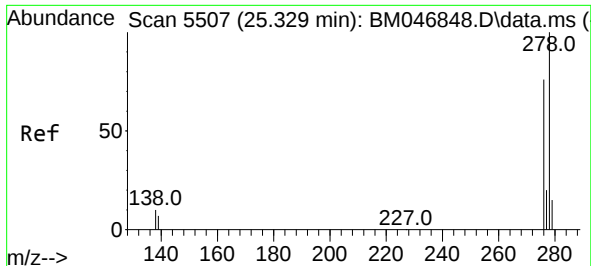
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.561 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

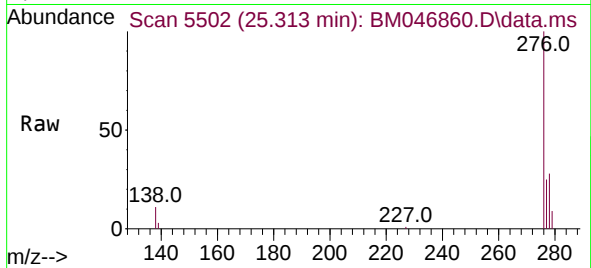
Tgt Ion:276 Resp: 99198
Ion Ratio Lower Upper
276 100
138 11.4 9.7 14.5
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.098 ng/ul
RT: 25.313 min Scan# 5502
Delta R.T. -0.020 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

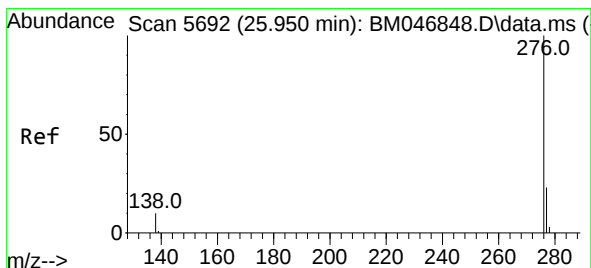
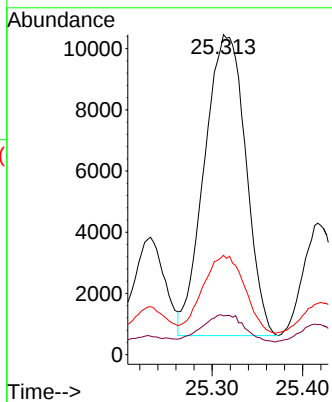
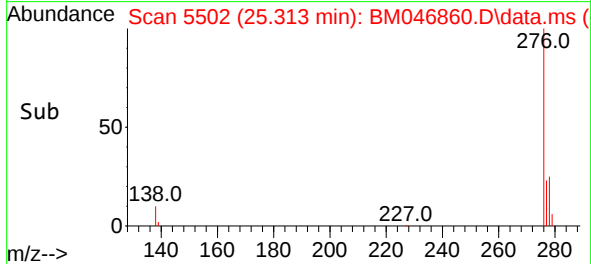
Instrument :
BNA_M
ClientSampleId :
A4CM3



Tgt Ion:278 Resp: 31124
Ion Ratio Lower Upper
278 100
139 12.2 9.8 14.8
279 31.0 25.2 37.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 25.946 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM046860.D
Acq: 27 Jul 2024 09:48

Tgt Ion:276 Resp: 15576
Ion Ratio Lower Upper
276 100
138 15.9 9.5 14.3#
277 28.8 20.9 31.3

