

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046726.D
 Acq On : 19 Jul 2024 14:58
 Operator : MA/JU
 Sample : P3201-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 15:29:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.489	152	2790	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7679	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.132	164	4920	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	9928	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	7714	0.400	ng/ul	# 0.00
23) Perylene-d12	23.227	264	9523	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4893	2.134	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	2015	0.163	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	4204	0.179	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	4913	0.251	ng/ul	99
7) 2-Methylnaphthalene	11.921	142	2032	0.148	ng/ul	100
8) 1-Methylnaphthalene	12.141	142	1575	0.112	ng/ul	99
10) Acenaphthylene	13.845	152	9001	0.402	ng/ul	98
11) Acenaphthene	14.192	153	6629	0.442	ng/ul	97
12) Fluorene	15.191	166	8523	0.459	ng/ul	97
15) Phenanthrene	16.926	178	172856	6.101	ng/ul	98
16) Anthracene	17.019	178	32422	1.173	ng/ul	98
19) Fluoranthene	18.956	202	356006	11.236	ng/ul	99
20) Pyrene	19.318	202	187364	5.462	ng/ul	99
21) Benzo(a)anthracene	21.079	228	160097	4.691	ng/ul	99
22) Chrysene	21.131	228	168213	5.094	ng/ul	98
24) Benzo(b)fluoranthene	22.598	252	254903m	6.701	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	85807m	2.298	ng/ul	
26) Benzo(a)pyrene	23.136	252	60117m	1.920	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.336	276	72193	1.515	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.353	278	31340	0.831	ng/ul	98
29) Benzo(g,h,i)perylene	25.987	276	10388	0.273	ng/ul#	87

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

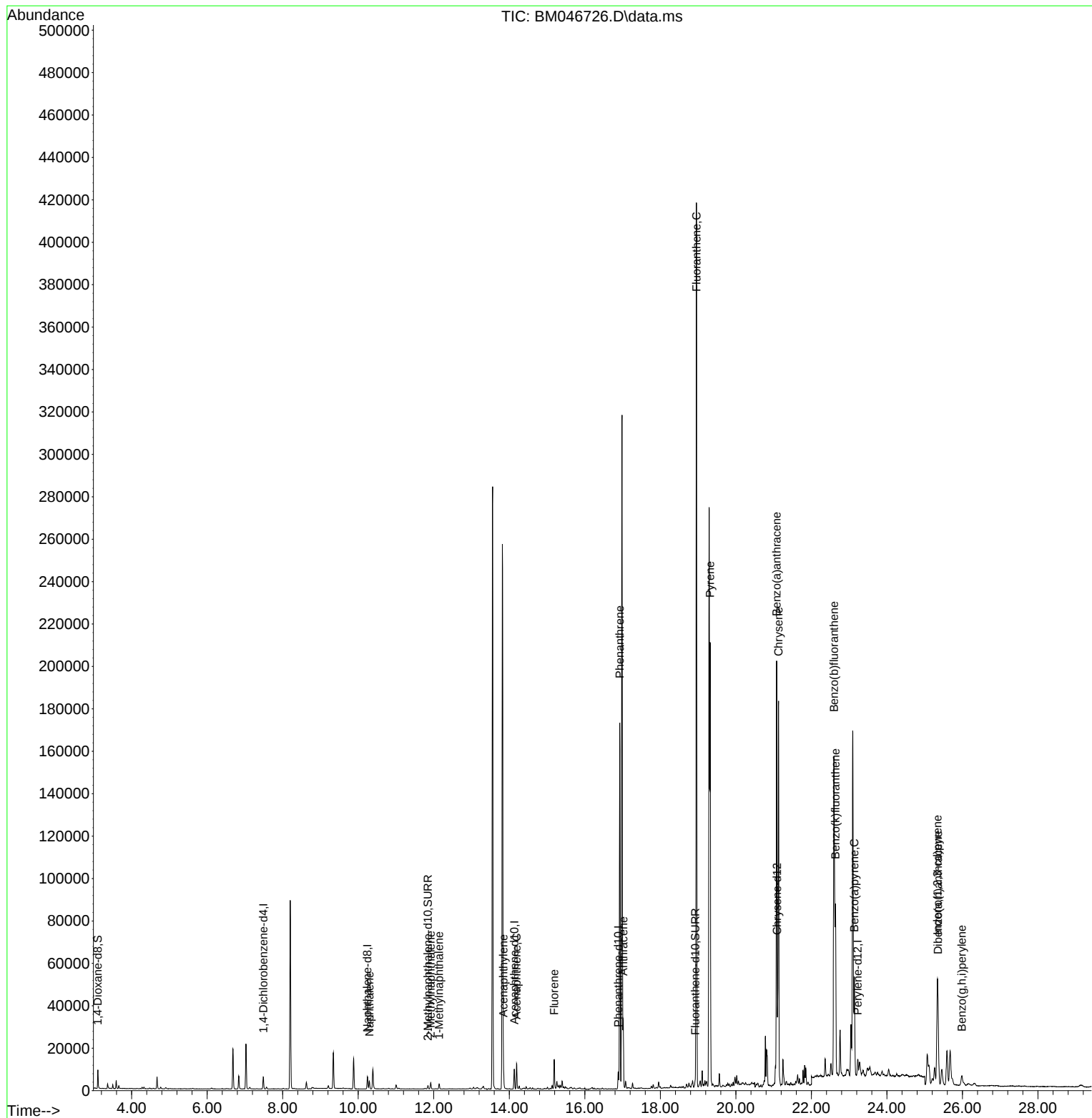
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046726.D
Acq On : 19 Jul 2024 14:58
Operator : MA/JU
Sample : P3201-01
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ALS Vial : 8 Sample Multiplier: 1

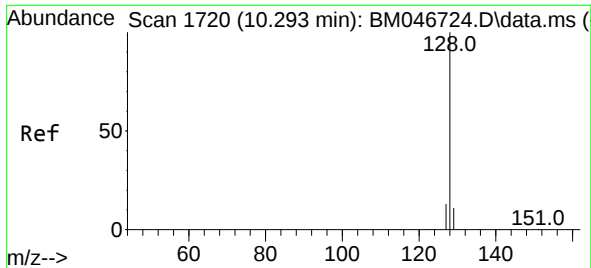
Instrument :
BNA_M
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Quant Time: Jul 19 15:29:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

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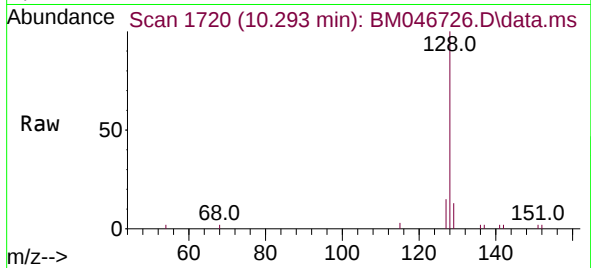
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024





#5
Naphthalene
Concen: 0.251 ng/ul
RT: 10.293 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

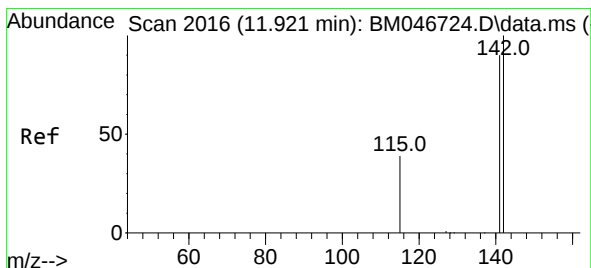
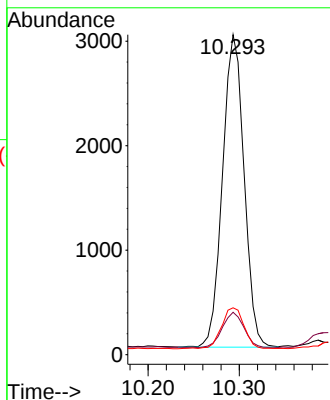
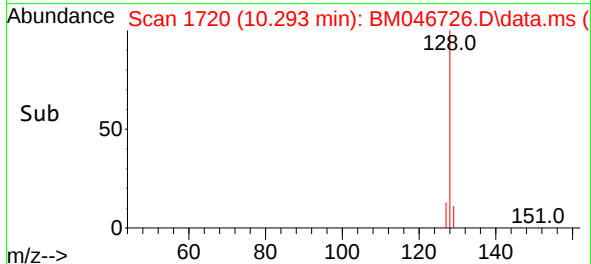
Instrument :
BNA_M
ClientSampleId :
A4BY7



Tgt Ion:128 Resp: 4911
Ion Ratio Lower Upper
128 100
129 13.3 10.3 15.5
127 14.7 12.2 18.4

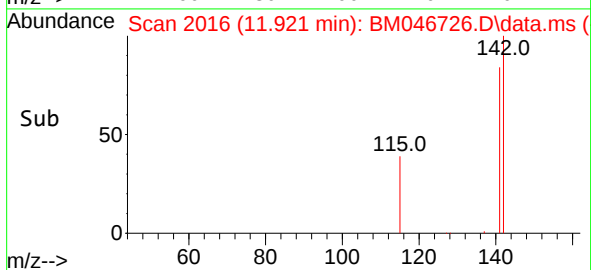
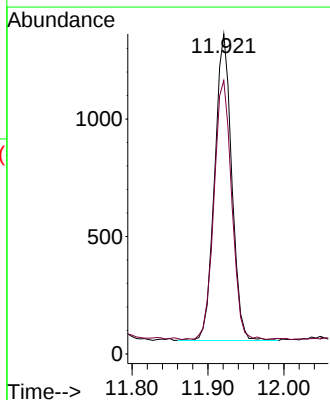
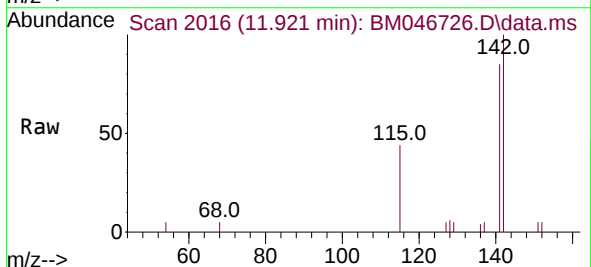
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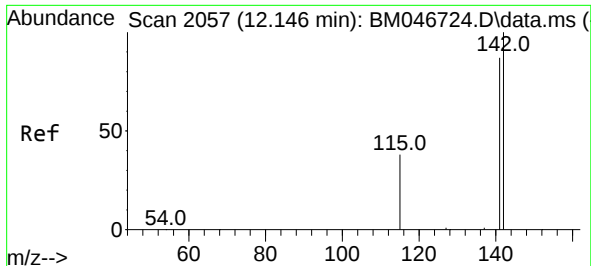
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 11.921 min Scan# 1616
Delta R.T. 0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

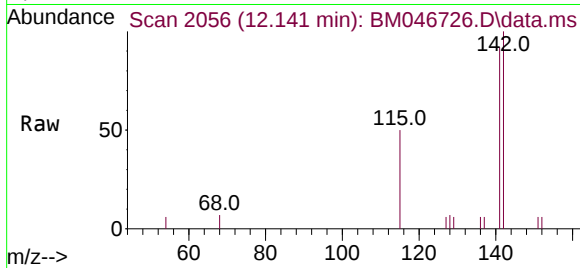
Tgt Ion:142 Resp: 2032
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

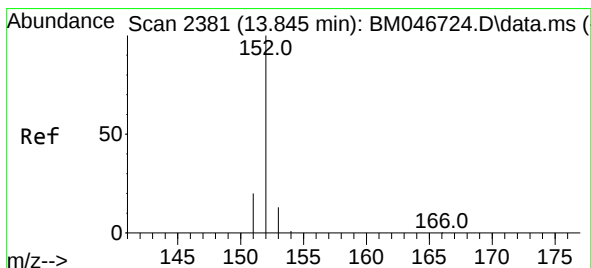
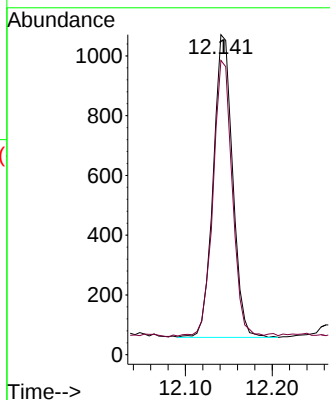
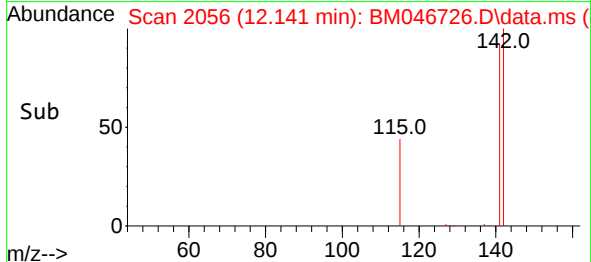
Instrument :
BNA_M
ClientSampleId :
A4BY7



Tgt Ion:142 Resp: 1579
Ion Ratio Lower Upper
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141 91.2 73.9 110.9

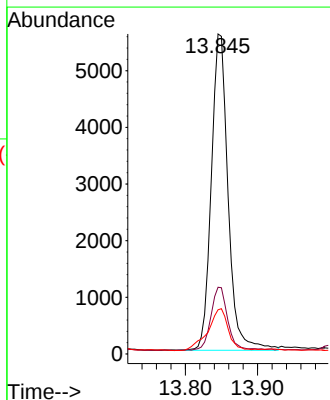
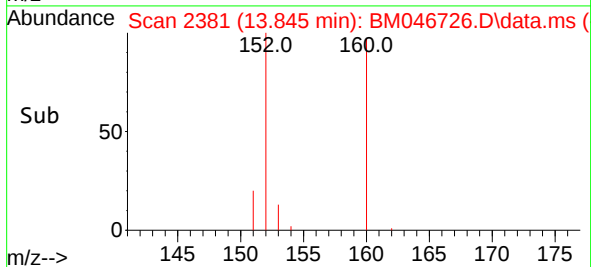
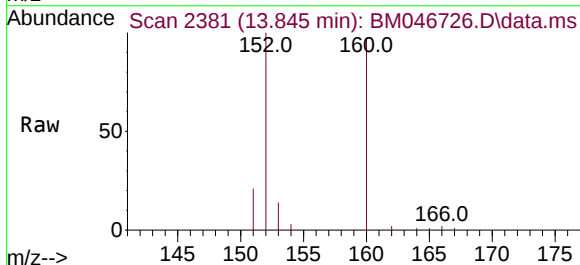
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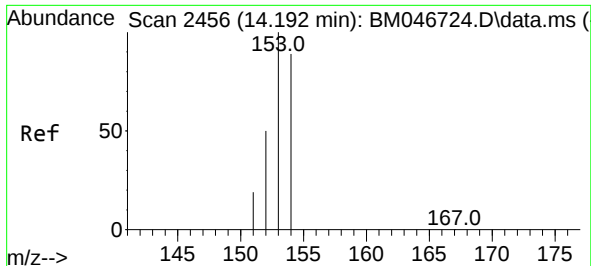
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 13.845 min Scan# 2381
Delta R.T. -0.003 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

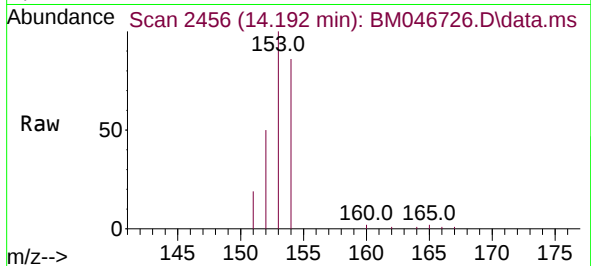
Tgt Ion:152 Resp: 9001
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.8 12.4 18.6





#11
Acenaphthene
Concen: 0.442 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

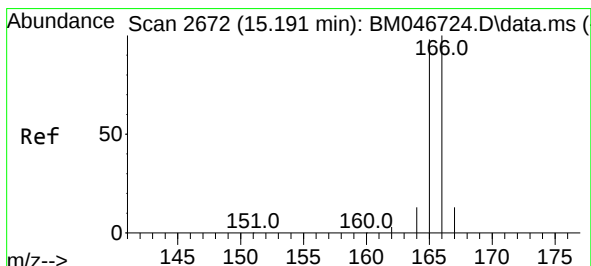
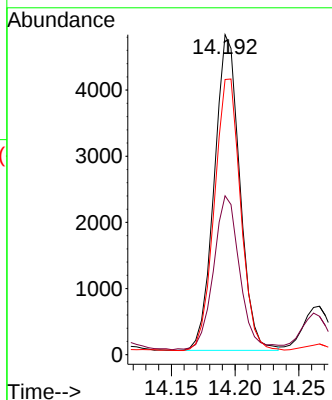
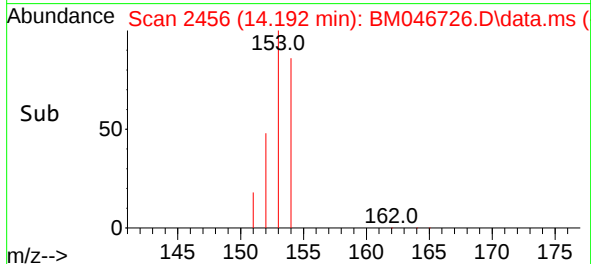
Instrument :
BNA_M
ClientSampleId :
A4BY7



Tgt Ion:153 Resp: 6629
Ion Ratio Lower Upper
153 100
152 49.6 43.0 64.6
154 86.0 69.9 104.9

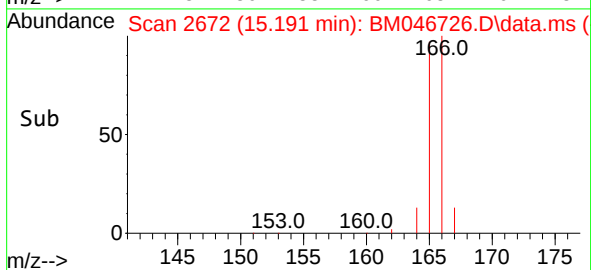
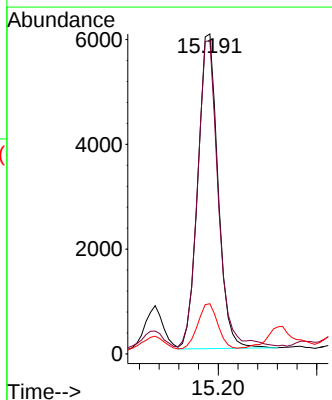
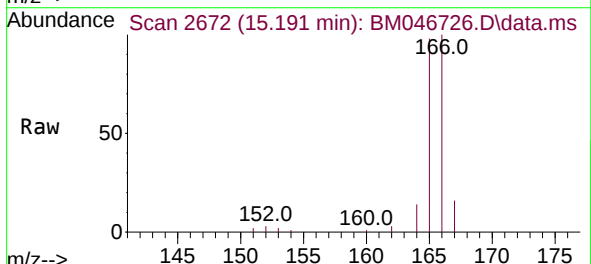
Manual Integrations
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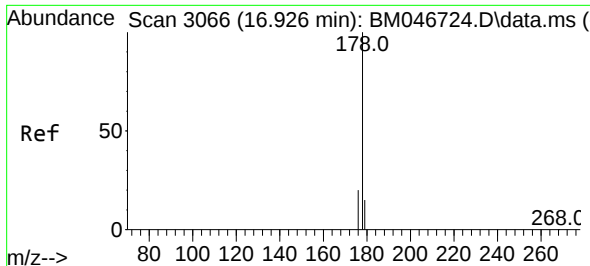
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.459 ng/ul
RT: 15.191 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

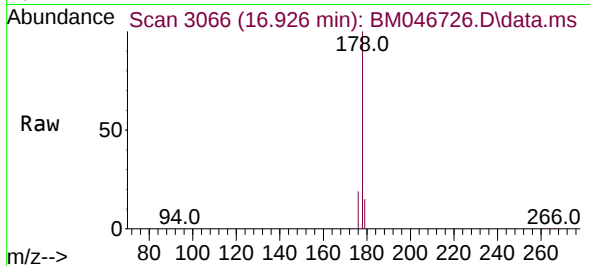
Tgt Ion:166 Resp: 8523
Ion Ratio Lower Upper
166 100
165 98.0 76.1 114.1
167 15.7 12.5 18.7





#15
Phenanthrene
Concen: 6.101 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

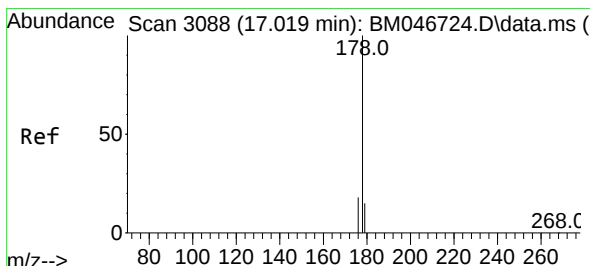
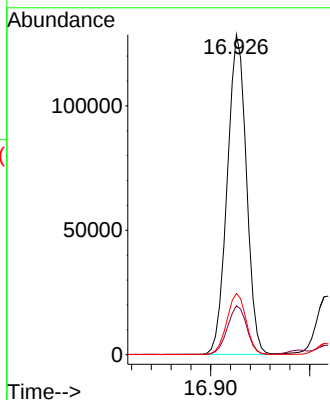
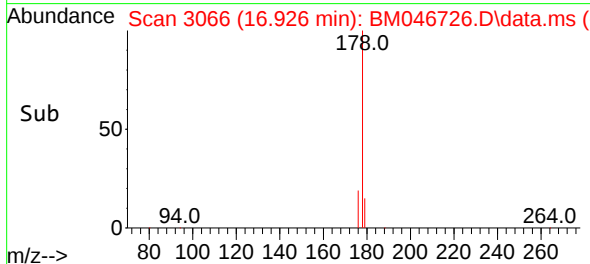
Instrument :
BNA_M
ClientSampleId :
A4BY7



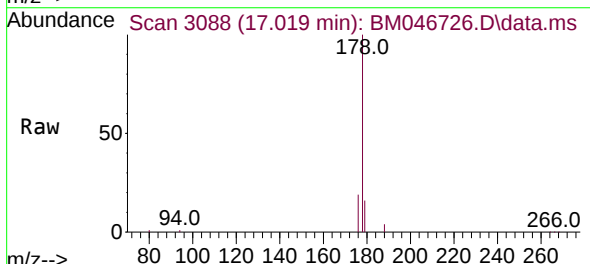
Tgt Ion:178 Resp: 172850
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.2 16.0 24.0

Manual Integrations
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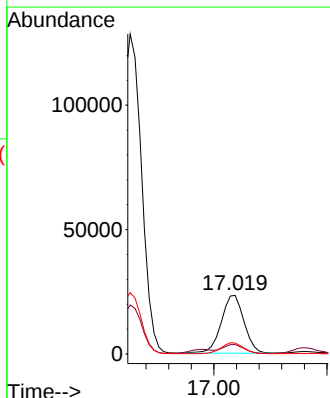
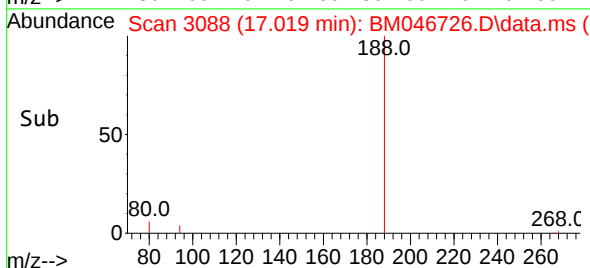
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

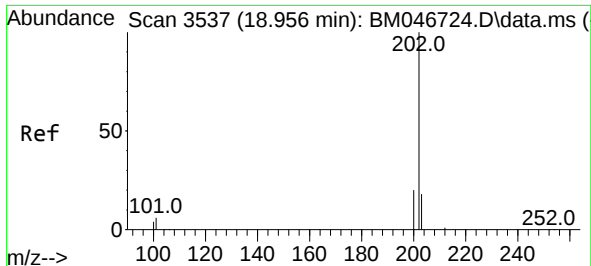


#16
Anthracene
Concen: 1.173 ng/u1
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58



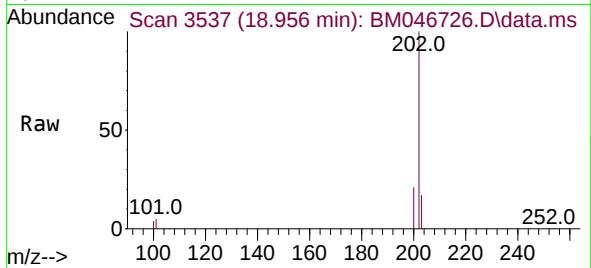
Tgt Ion:178 Resp: 32422
Ion Ratio Lower Upper
178 100
179 16.1 13.5 20.3
176 18.7 15.7 23.5





#19
Fluoranthene
Concen: 11.236 ng/ul
RT: 18.956 min Scan# 3537
Delta R.T. 0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

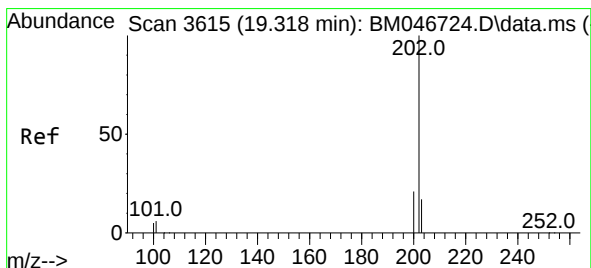
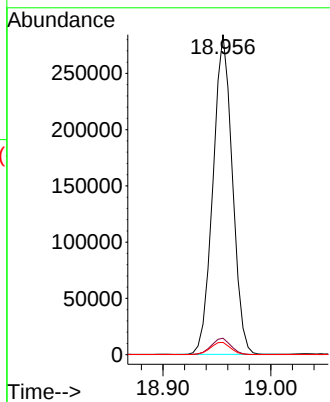
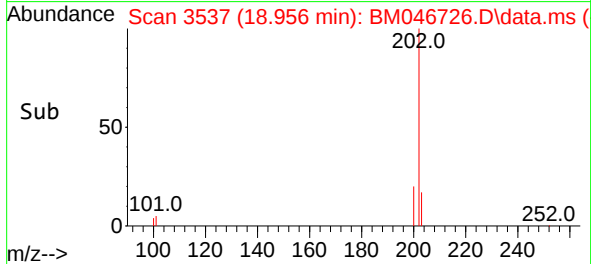
Instrument :
BNA_M
ClientSampleId :
A4BY7



Tgt Ion:202 Resp: 356000
Ion Ratio Lower Upper
202 100
101 5.1 4.6 6.8
100 3.9 3.0 4.6

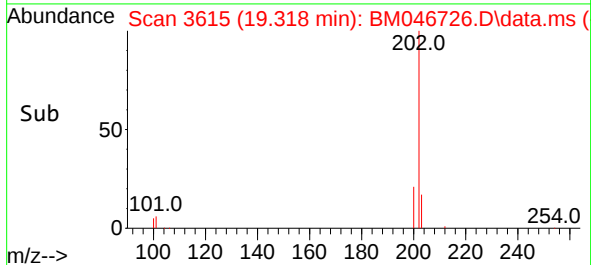
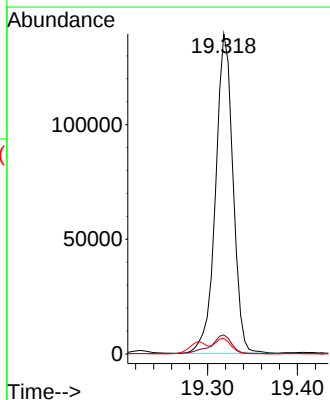
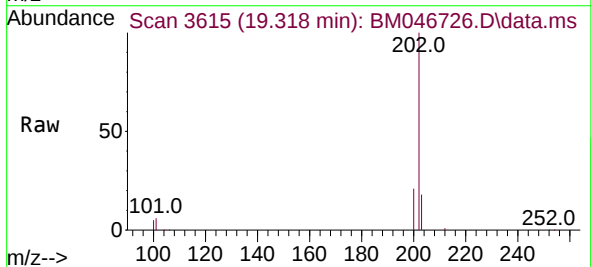
Manual Integrations
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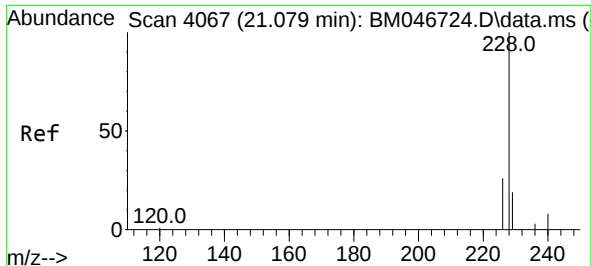
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#20
Pyrene
Concen: 5.462 ng/ul
RT: 19.318 min Scan# 3615
Delta R.T. -0.003 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

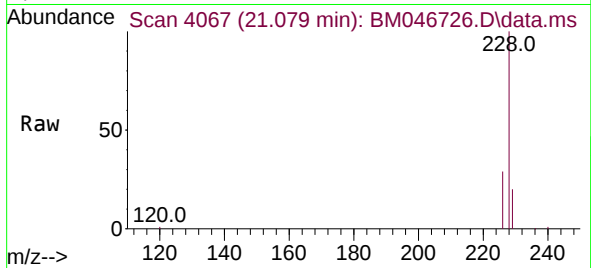
Tgt Ion:202 Resp: 187364
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 4.9 3.8 5.6





#21
Benzo(a)anthracene
Concen: 4.691 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

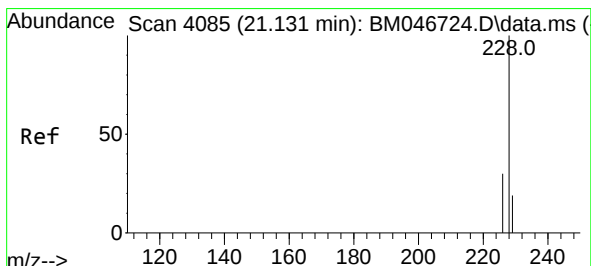
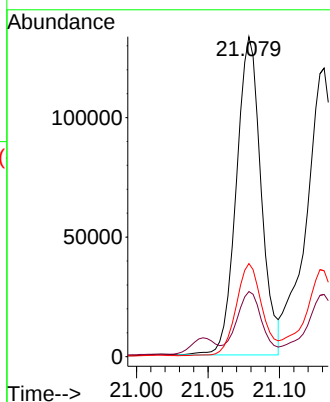
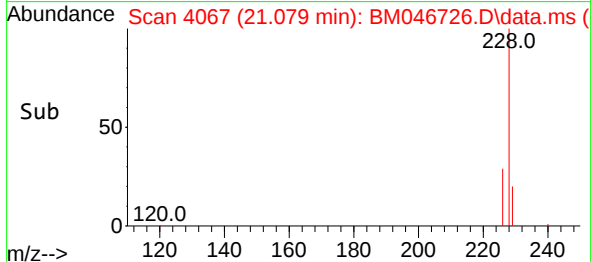
Instrument :
BNA_M
ClientSampleId :
A4BY7



Tgt Ion:228 Resp: 16009
Ion Ratio Lower Upper
228 100
229 20.4 16.5 24.7
226 29.1 22.5 33.7

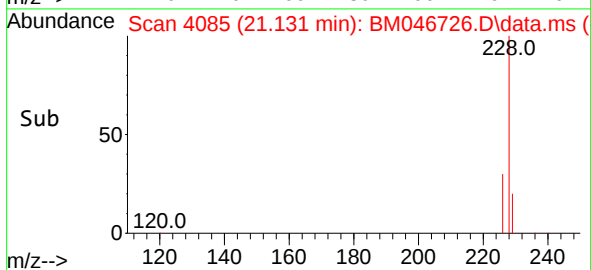
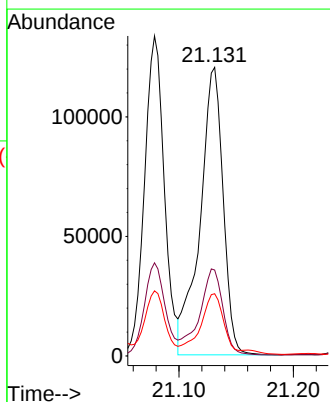
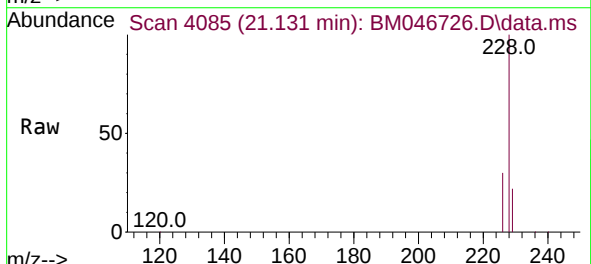
Manual Integrations
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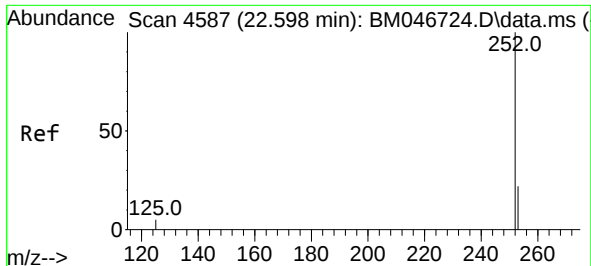
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 5.094 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

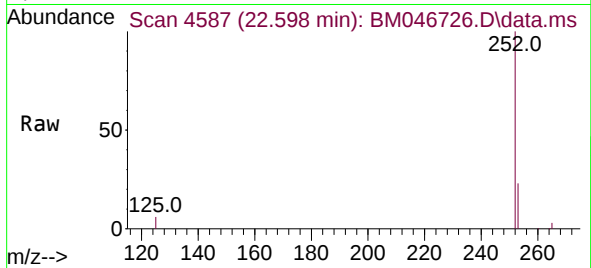
Tgt Ion:228 Resp: 168213
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.701 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.001 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

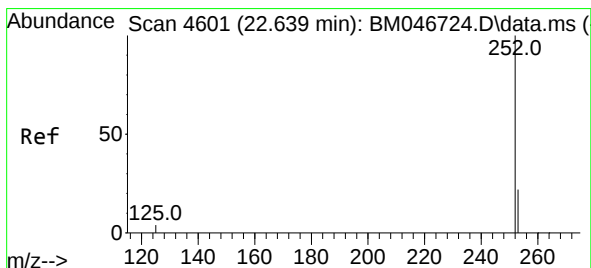
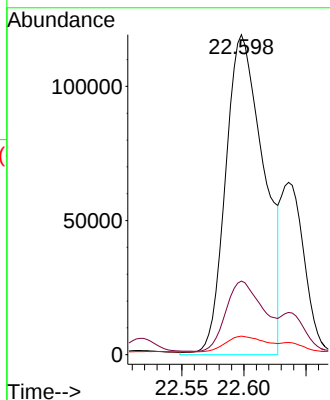
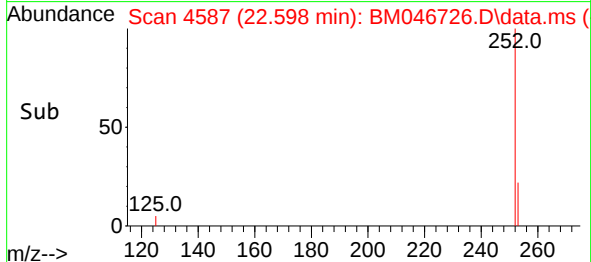
Instrument :
BNA_M
ClientSampleId :
A4BY7



Tgt Ion:252 Resp: 25490
Ion Ratio Lower Upper
252 100
253 23.0 0.0 56.2
125 5.8 0.0 17.8

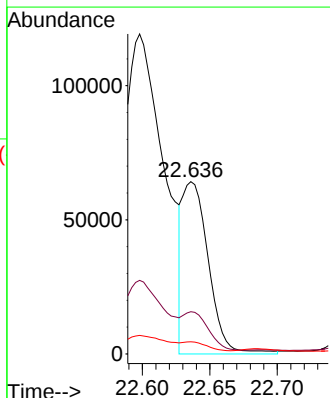
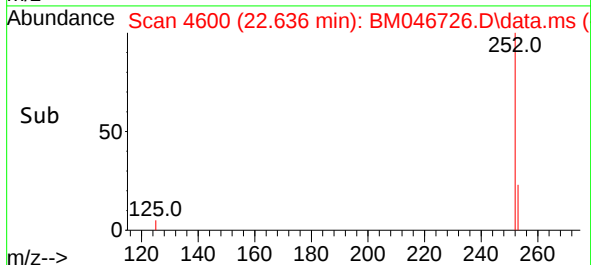
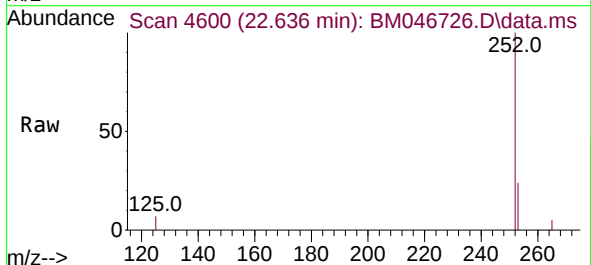
Manual Integrations
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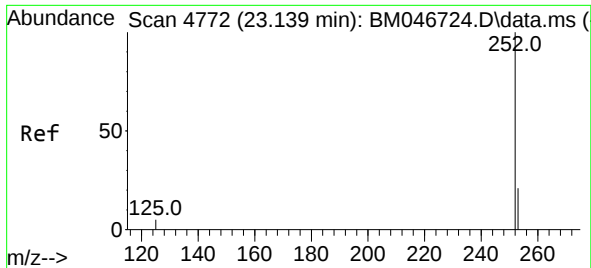
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 2.298 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

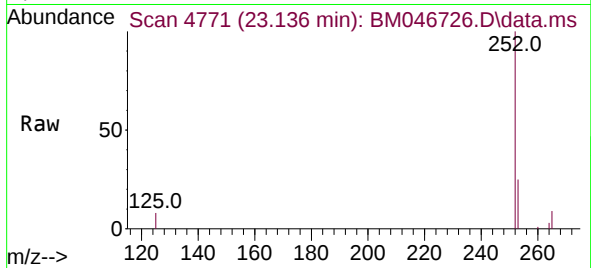
Tgt Ion:252 Resp: 85807
Ion Ratio Lower Upper
252 100
253 24.5 22.4 33.6
125 7.0 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.920 ng/ul m
RT: 23.136 min Scan# 4771
Delta R.T. -0.003 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

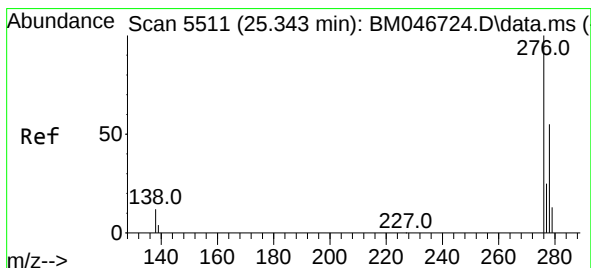
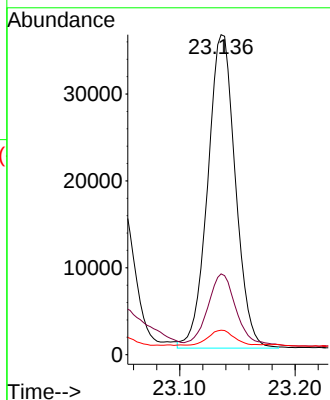
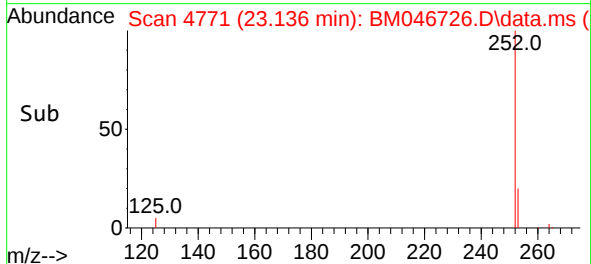
Instrument :
BNA_M
ClientSampleId :
A4BY7



Tgt Ion:252 Resp: 60117
Ion Ratio Lower Upper
252 100
253 25.3 24.0 36.0
125 7.7 8.2 12.2

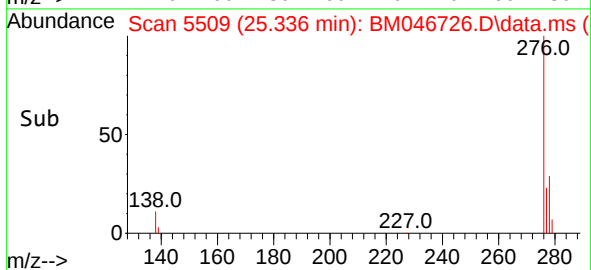
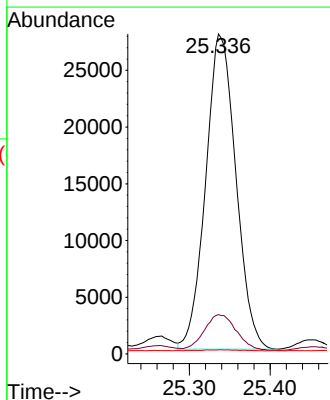
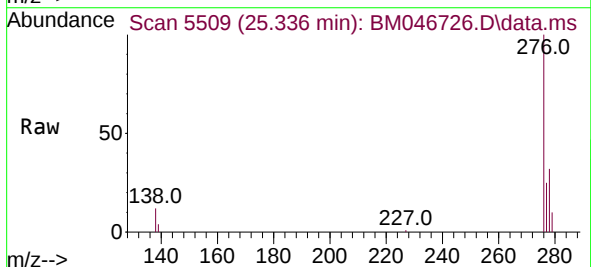
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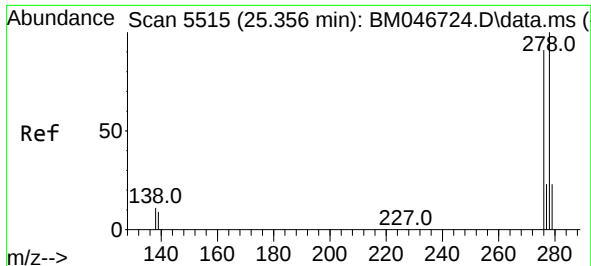
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.515 ng/ul
RT: 25.336 min Scan# 5509
Delta R.T. -0.011 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

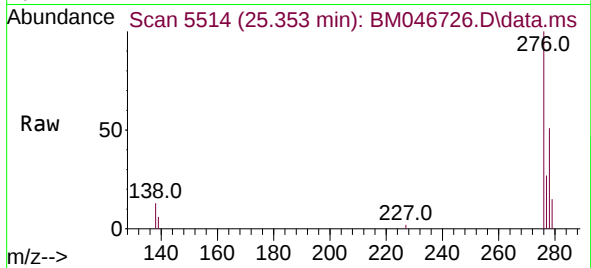
Tgt Ion:276 Resp: 72193
Ion Ratio Lower Upper
276 100
138 12.0 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.831 ng/ul
RT: 25.353 min Scan# 5134
Delta R.T. -0.007 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58

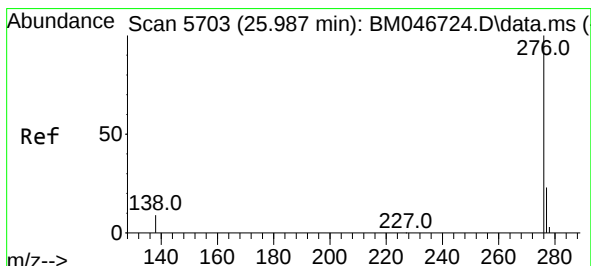
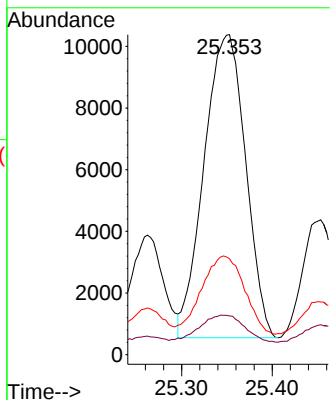
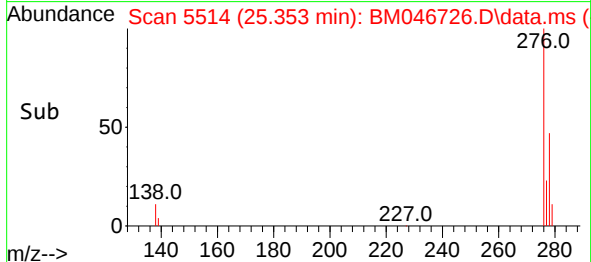
Instrument :
BNA_M
ClientSampleId :
A4BY7



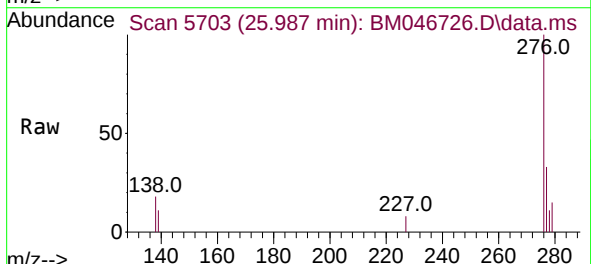
Tgt Ion:278 Resp: 31340
Ion Ratio Lower Upper
278 100
139 12.1 9.1 13.7
279 30.0 23.2 34.8

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 25.987 min Scan# 5703
Delta R.T. 0.003 min
Lab File: BM046726.D
Acq: 19 Jul 2024 14:58



Tgt Ion:276 Resp: 10388
Ion Ratio Lower Upper
276 100
138 18.4 10.2 15.4#
277 32.5 20.9 31.3#

