

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046736.D
 Acq On : 19 Jul 2024 21:06
 Operator : MA/JU
 Sample : P3201-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BZ3

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:58:45 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	7.485	152	3673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	10481	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.131	164	6242	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	11613	0.400	ng/ul	0.00
17) Chrysene-d12	21.094	240	8434	0.400	ng/ul	# 0.00
23) Perylene-d12	23.227	264	9207	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	7635	2.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	3448	0.204	ng/ul	0.00
18) Fluoranthene-d10	18.922	212	5696	0.222	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	2564	0.096	ng/ul	96
7) 2-Methylnaphthalene	11.920	142	1106	0.059	ng/ul	98
8) 1-Methylnaphthalene	12.140	142	791	0.041	ng/ul	99
10) Acenaphthylene	13.849	152	5586	0.197	ng/ul	98
11) Acenaphthene	14.196	153	2588	0.136	ng/ul	97
12) Fluorene	15.190	166	4653	0.198	ng/ul	96
15) Phenanthrene	16.925	178	83811	2.529	ng/ul	98
16) Anthracene	17.018	178	14262	0.441	ng/ul	99
19) Fluoranthene	18.955	202	224286	6.474	ng/ul	99
20) Pyrene	19.317	202	112508	3.000	ng/ul	99
21) Benzo(a)anthracene	21.076	228	87897	2.356	ng/ul	98
22) Chrysene	21.126	228	104374	2.891	ng/ul	99
24) Benzo(b)fluoranthene	22.596	252	155990m	4.242	ng/ul	
25) Benzo(k)fluoranthene	22.634	252	50464m	1.398	ng/ul	
26) Benzo(a)pyrene	23.134	252	33341	1.102	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.337	276	43341	0.941	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	18201	0.499	ng/ul#	93
29) Benzo(g,h,i)perylene	25.981	276	6267	0.171	ng/ul#	78

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

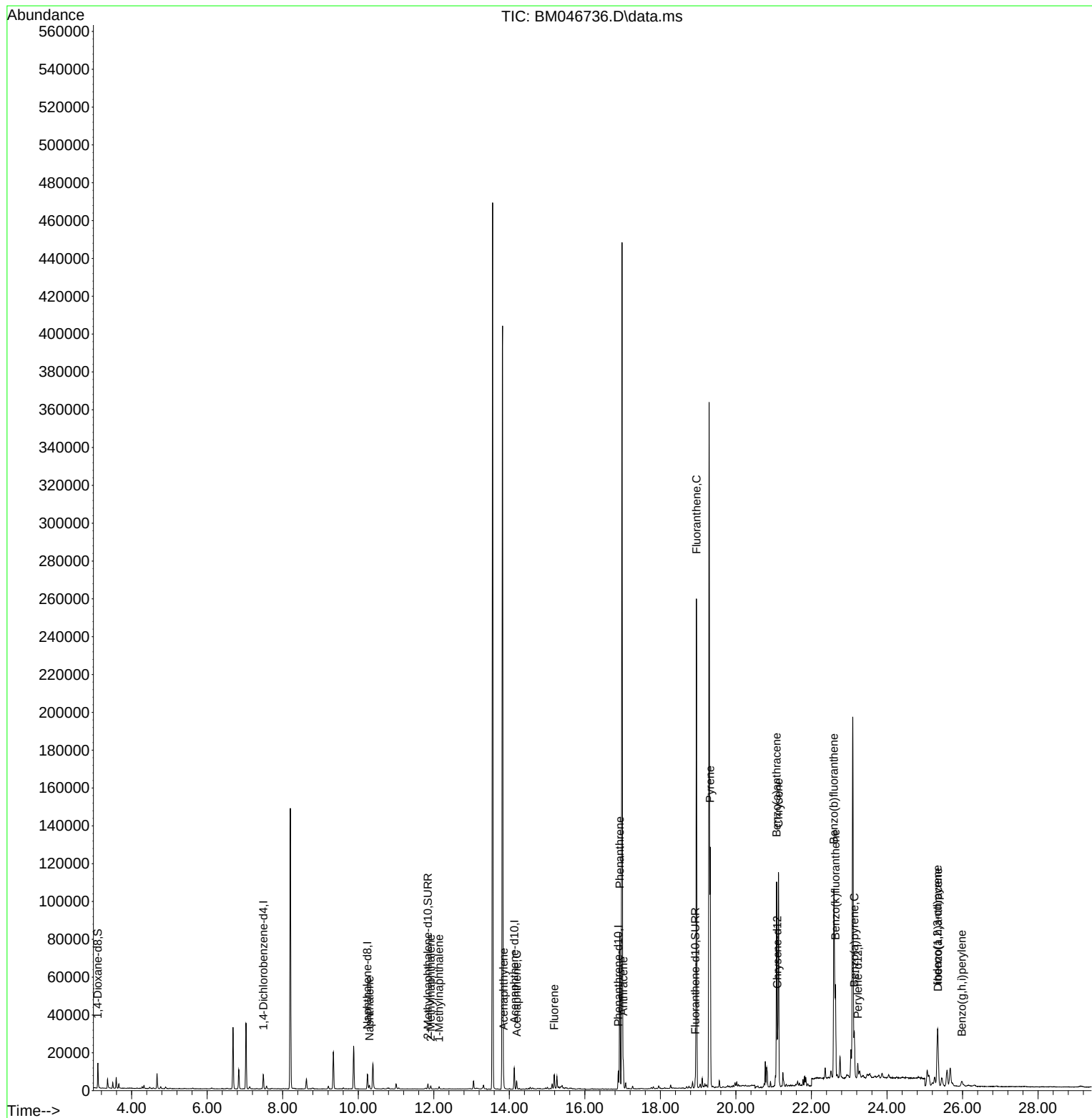
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046736.D
Acq On : 19 Jul 2024 21:06
Operator : MA/JU
Sample : P3201-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

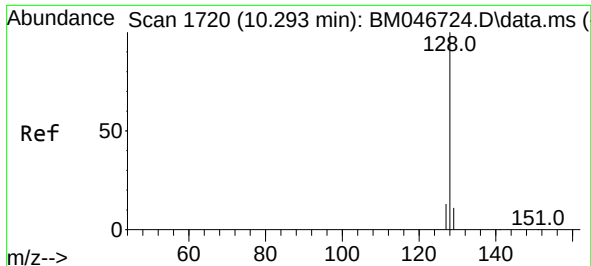
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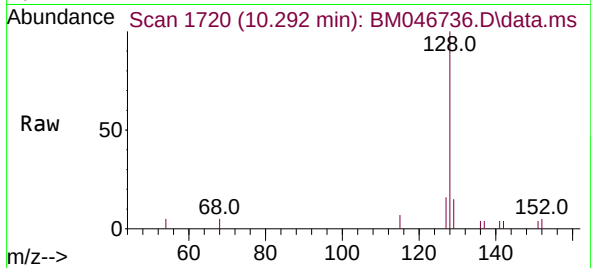
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

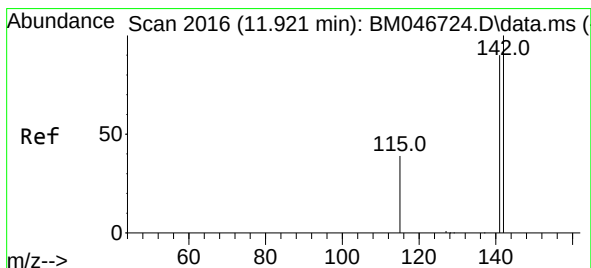
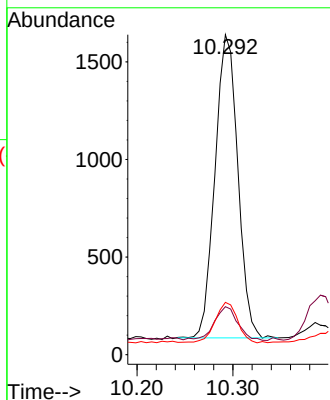
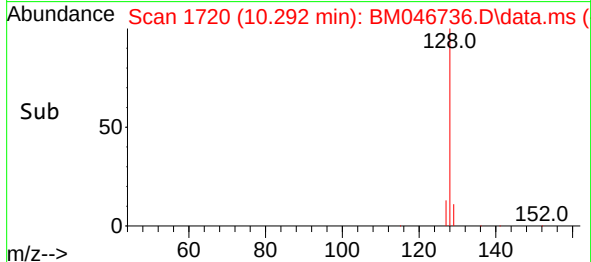
Instrument :
BNA_M
ClientSampleId :
A4BZ3



Tgt Ion:128 Resp: 2564
Ion Ratio Lower Upper
128 100
129 15.0 10.3 15.5
127 16.4 12.2 18.4

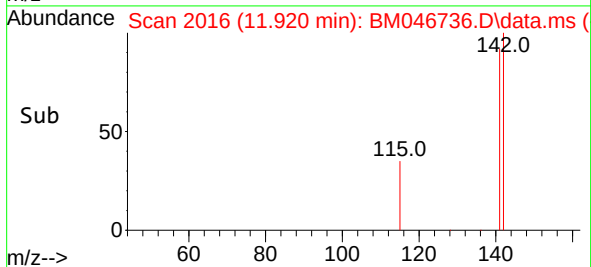
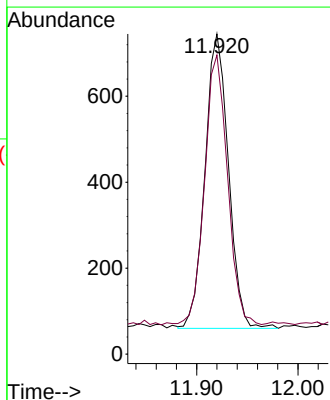
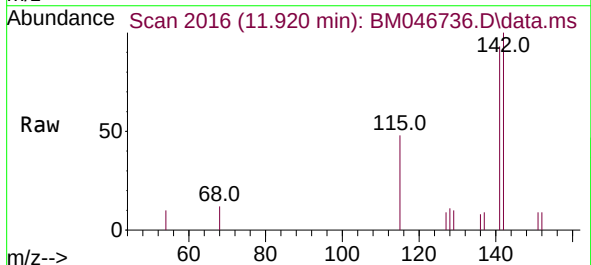
Manual Integrations
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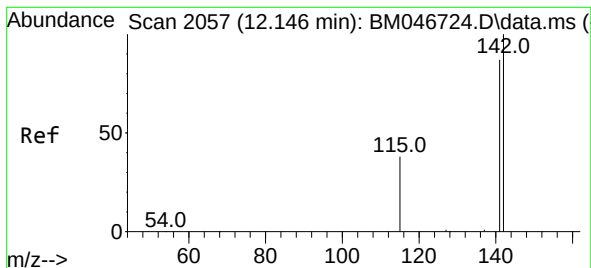
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

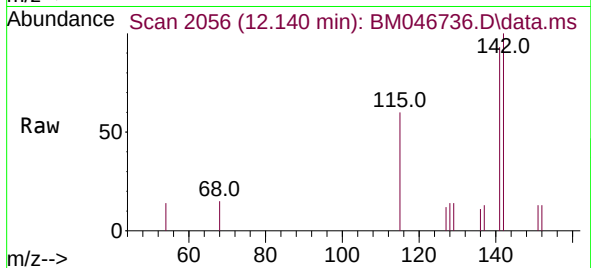
Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.140 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

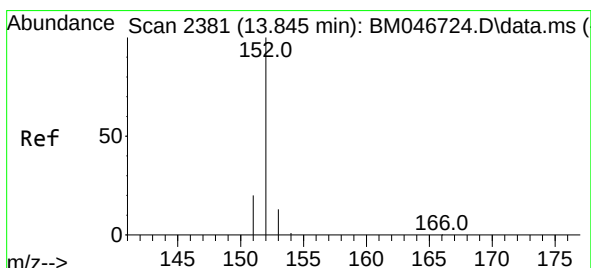
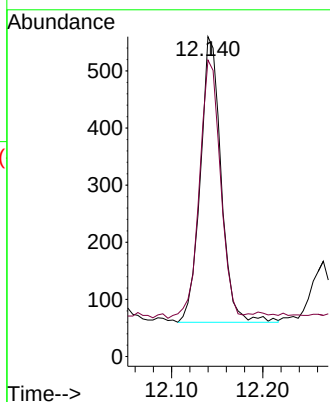
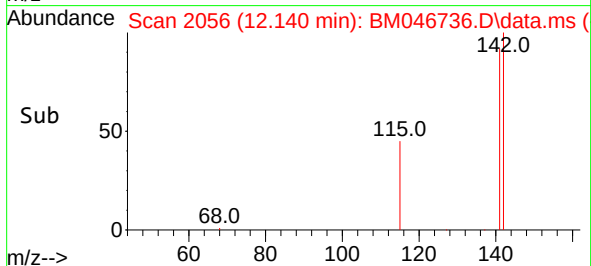
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
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141 91.5 73.9 110.9

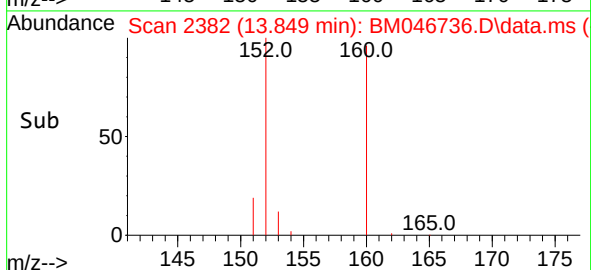
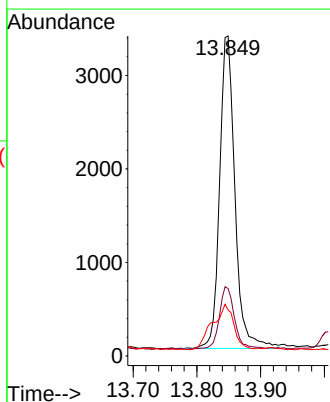
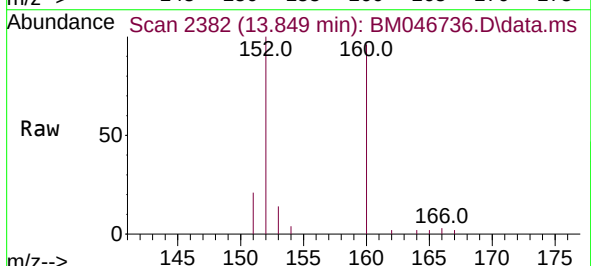
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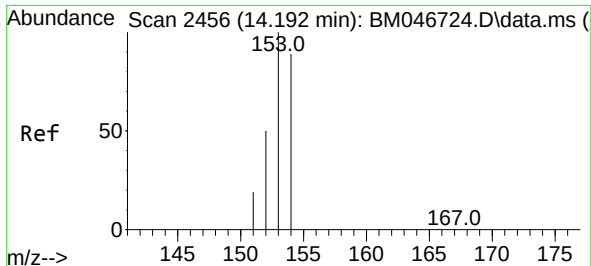
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.197 ng/ul
RT: 13.849 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

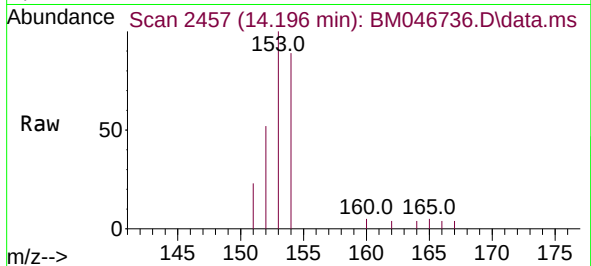
Tgt Ion:152 Resp: 5586
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.3 12.4 18.6





#11
Acenaphthene
Concen: 0.136 ng/u1
RT: 14.196 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

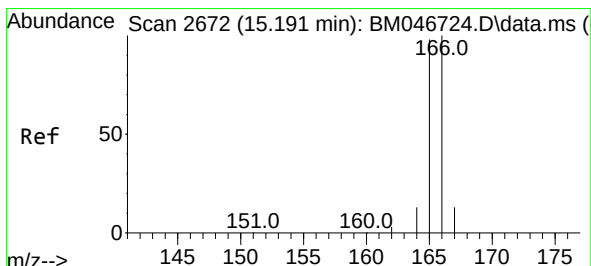
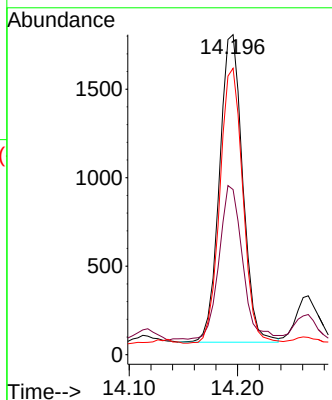
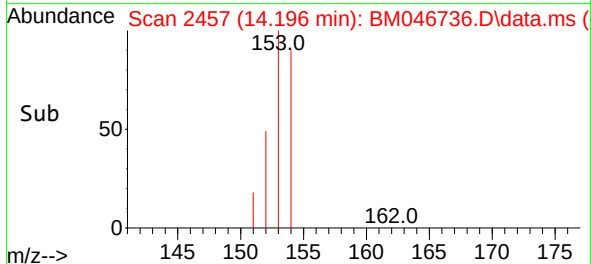
Instrument :
BNA_M
ClientSampleId :
A4BZ3



Tgt Ion:153 Resp: 2588
Ion Ratio Lower Upper
153 100
152 51.6 43.0 64.6
154 89.5 69.9 104.9

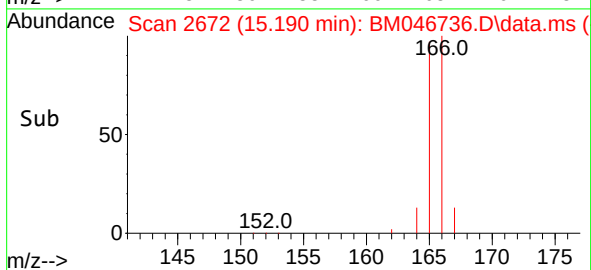
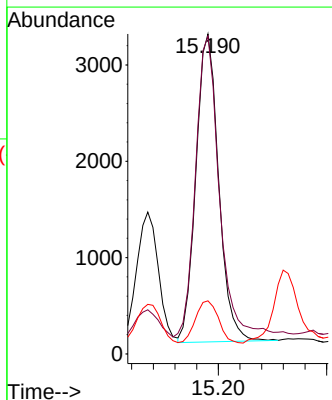
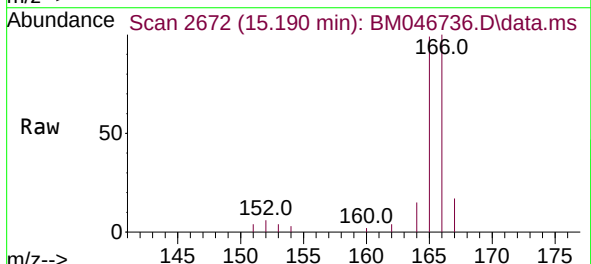
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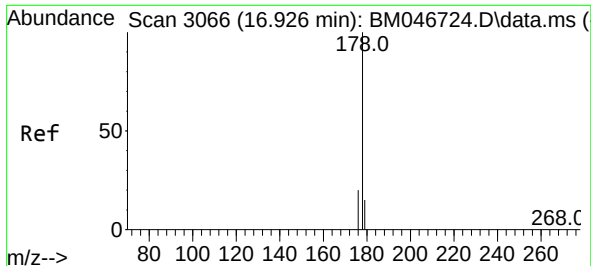
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.198 ng/u1
RT: 15.190 min Scan# 2672
Delta R.T. 0.000 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

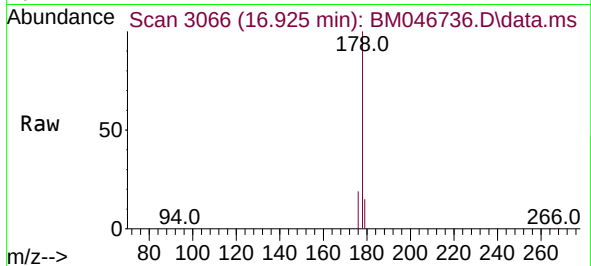
Tgt Ion:166 Resp: 4653
Ion Ratio Lower Upper
166 100
165 99.3 76.1 114.1
167 16.6 12.5 18.7





#15
Phenanthrene
Concen: 2.529 ng/u1
RT: 16.925 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

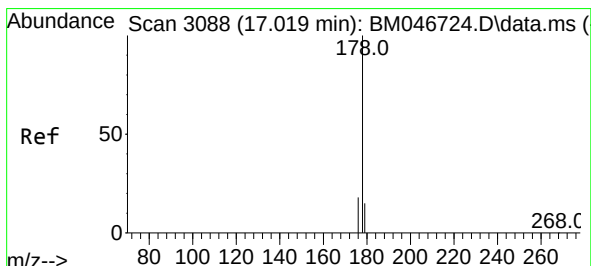
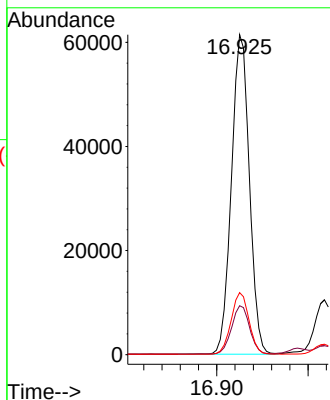
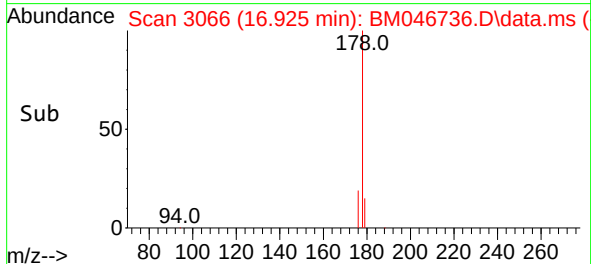
Instrument :
BNA_M
ClientSampleId :
A4BZ3



Tgt Ion:178 Resp: 8381
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.4 16.0 24.0

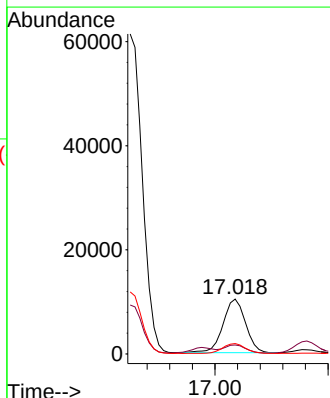
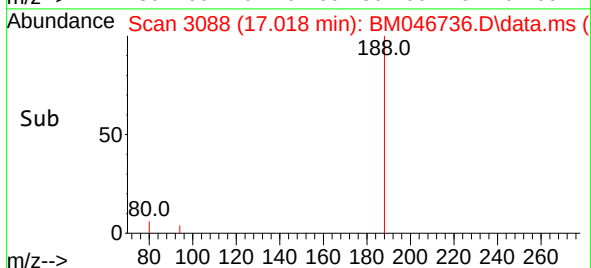
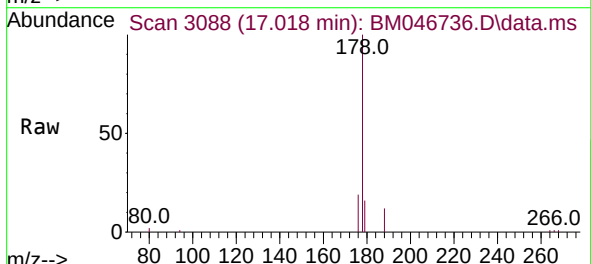
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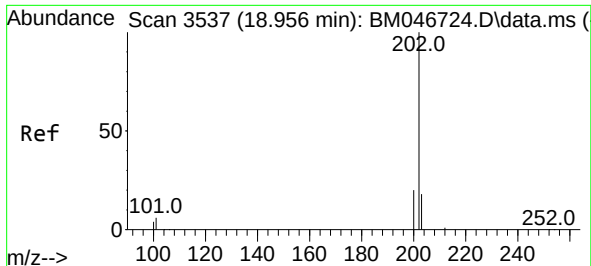
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#16
Anthracene
Concen: 0.441 ng/u1
RT: 17.018 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

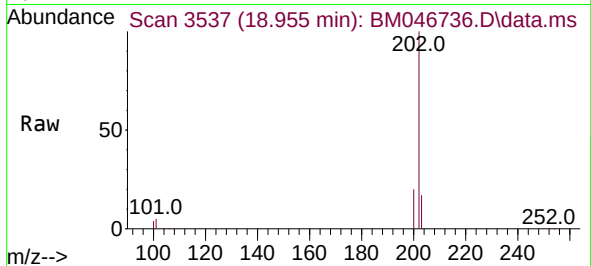
Tgt Ion:178 Resp: 14262
Ion Ratio Lower Upper
178 100
179 16.5 13.5 20.3
176 19.1 15.7 23.5





#19
Fluoranthene
Concen: 6.474 ng/u1
RT: 18.955 min Scan# 3537
Delta R.T. 0.000 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

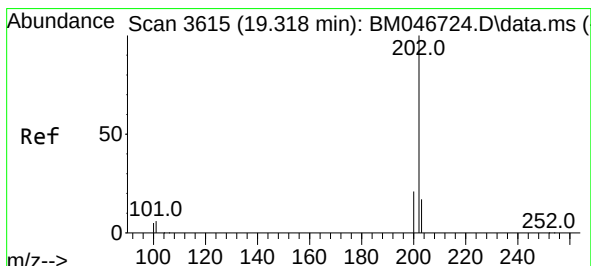
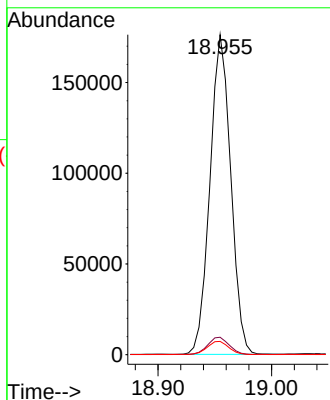
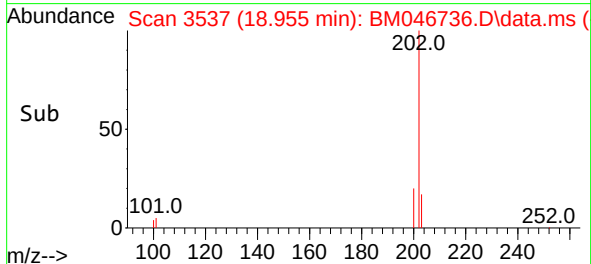
Instrument :
BNA_M
ClientSampleId :
A4BZ3



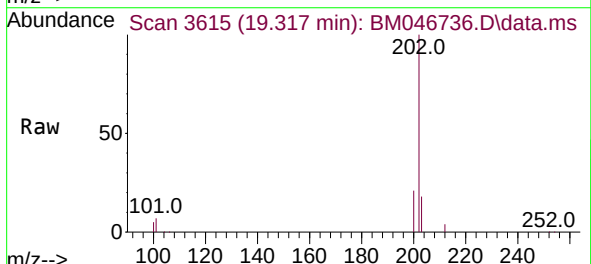
Tgt Ion:202 Resp: 224280
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.1 3.0 4.6

Manual Integrations
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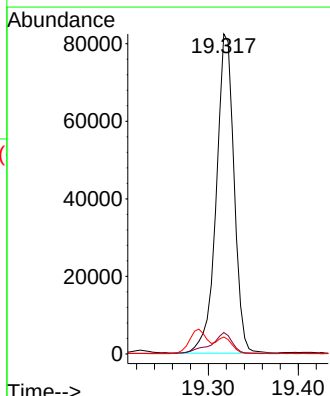
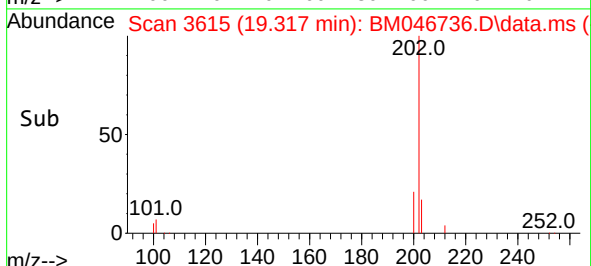
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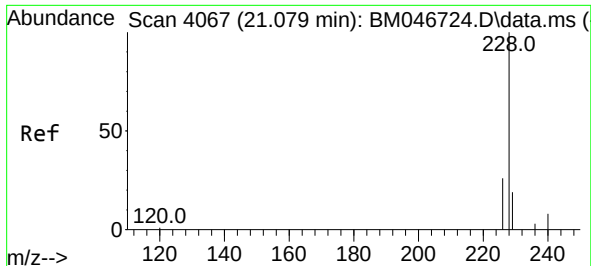


#20
Pyrene
Concen: 3.000 ng/u1
RT: 19.317 min Scan# 3615
Delta R.T. -0.004 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06



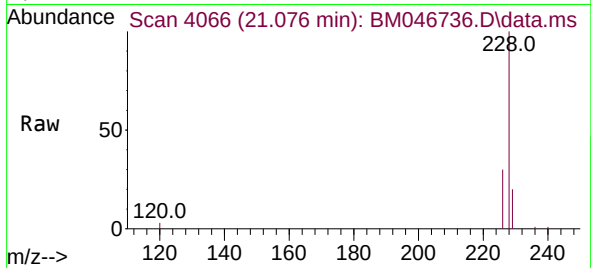
Tgt Ion:202 Resp: 112508
Ion Ratio Lower Upper
202 100
101 6.7 5.1 7.7
100 5.3 3.8 5.6





#21
Benzo(a)anthracene
Concen: 2.356 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

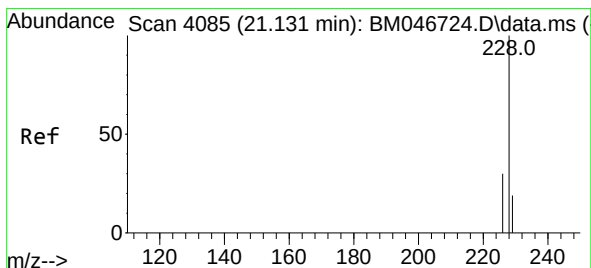
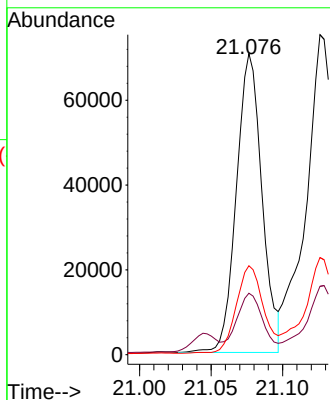
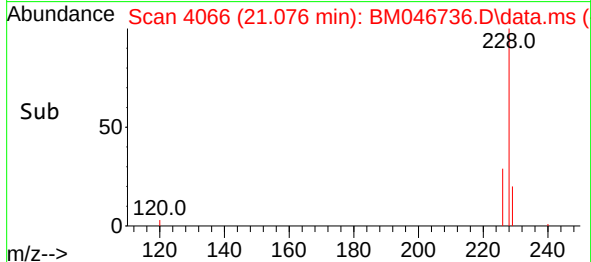
Instrument :
BNA_M
ClientSampleId :
A4BZ3



Tgt Ion:228 Resp: 8789
Ion Ratio Lower Upper
228 100
229 20.4 16.5 24.7
226 29.6 22.5 33.7

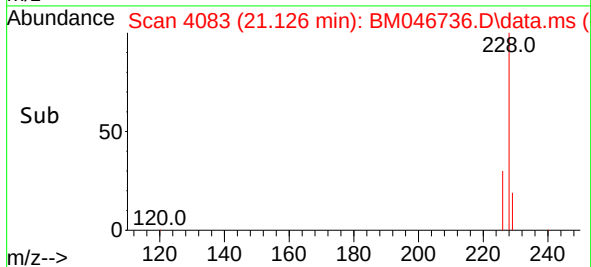
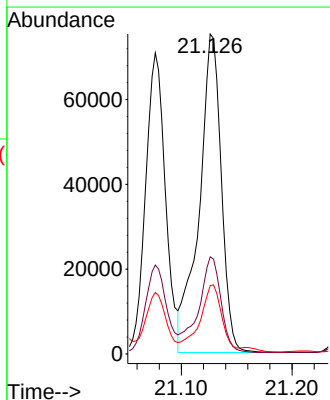
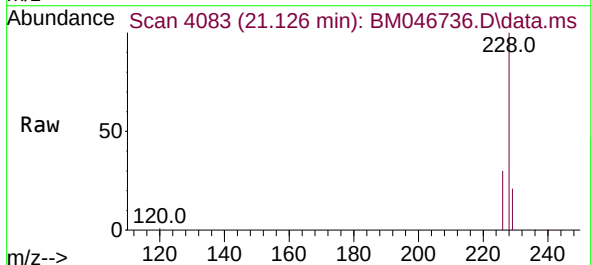
Manual Integrations
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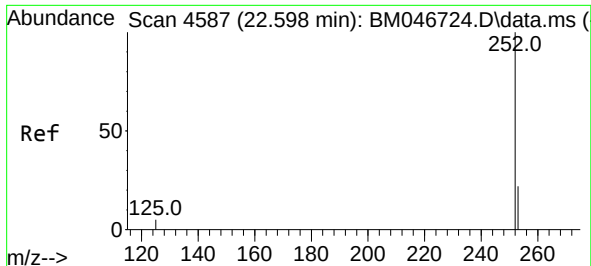
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 2.891 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

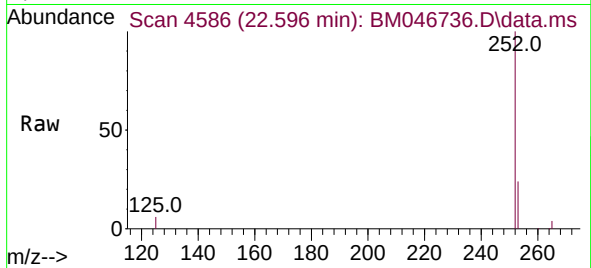
Tgt Ion:228 Resp: 104374
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 4.242 ng/ul m
RT: 22.596 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

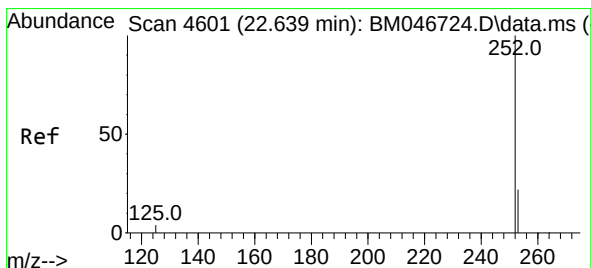
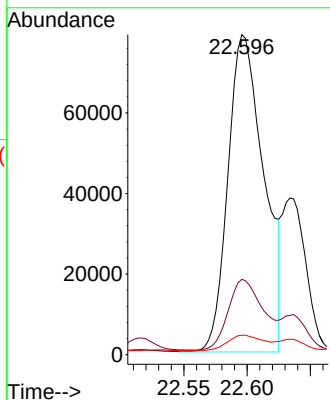
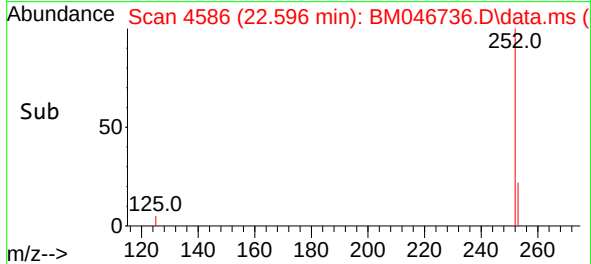
Instrument :
BNA_M
ClientSampleId :
A4BZ3



Tgt Ion:252 Resp: 155990
Ion Ratio Lower Upper
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125 6.0 0.0 17.8

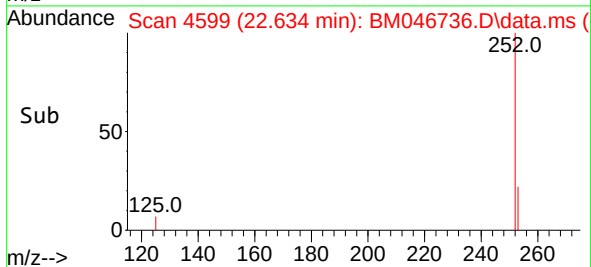
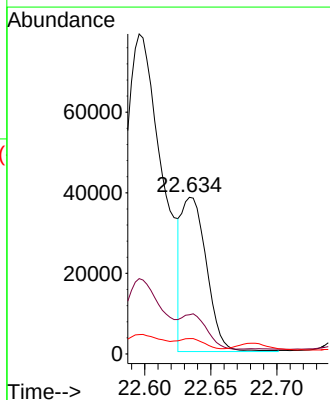
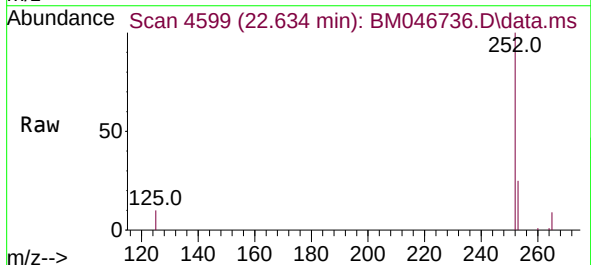
Manual Integrations
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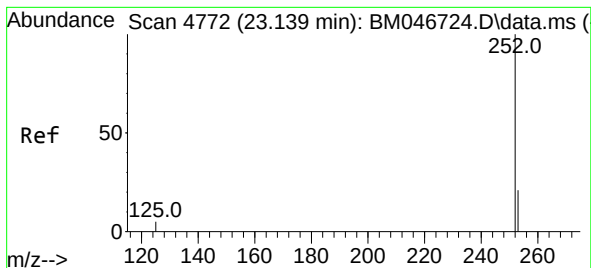
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 1.398 ng/ul m
RT: 22.634 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

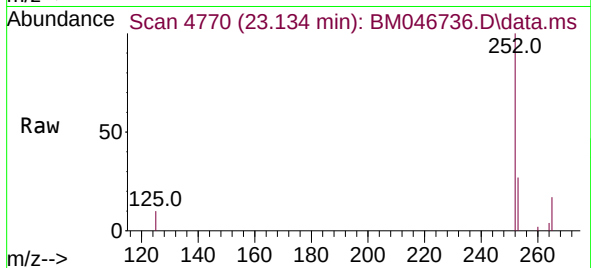
Tgt Ion:252 Resp: 50464
Ion Ratio Lower Upper
252 100
253 25.1 22.4 33.6
125 9.8 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.102 ng/ul
RT: 23.134 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

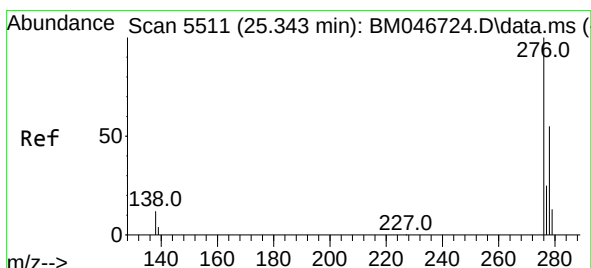
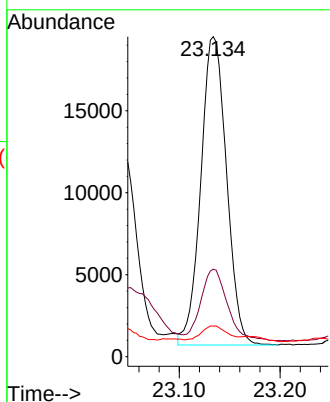
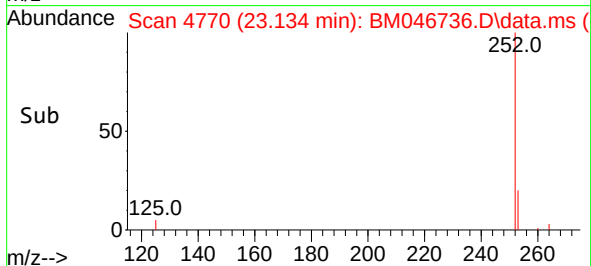
Instrument :
BNA_M
ClientSampleId :
A4BZ3



Tgt Ion:252 Resp: 3334
Ion Ratio Lower Upper
252 100
253 27.3 24.0 36.0
125 9.5 8.2 12.2

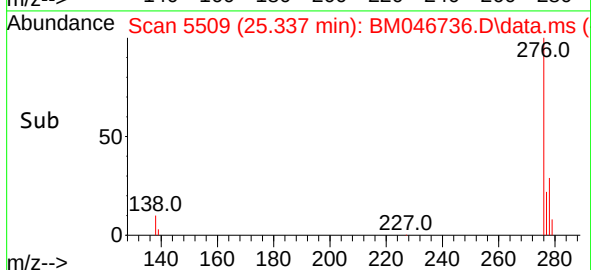
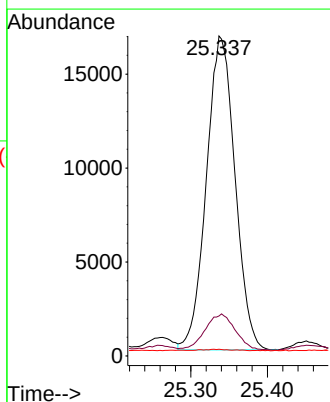
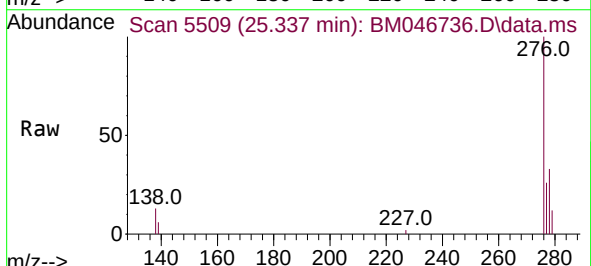
Manual Integrations
APPROVED

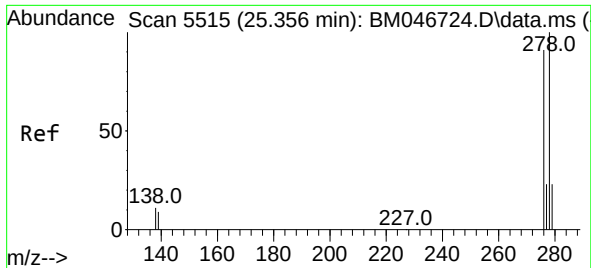
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.941 ng/ul
RT: 25.337 min Scan# 5509
Delta R.T. -0.010 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

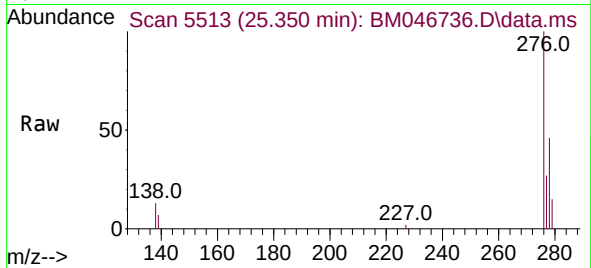
Tgt Ion:276 Resp: 43341
Ion Ratio Lower Upper
276 100
138 12.3 0.0 0.0#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.499 ng/ul
RT: 25.350 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06

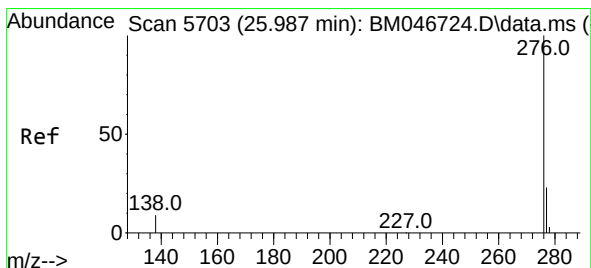
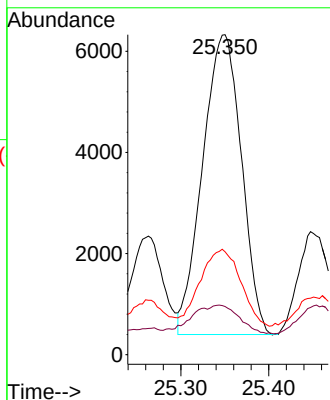
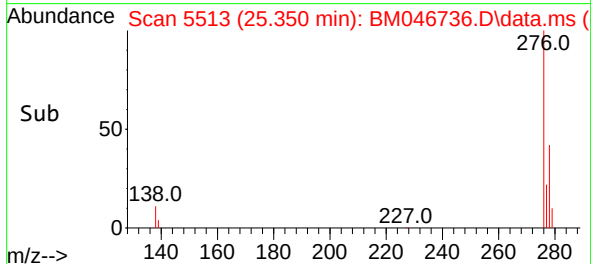
Instrument :
BNA_M
ClientSampleId :
A4BZ3



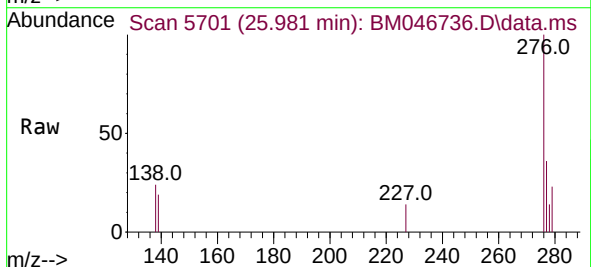
Tgt Ion:278 Resp: 1820
Ion Ratio Lower Upper
278 100
139 15.0 9.1 13.7
279 32.1 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.171 ng/ul
RT: 25.981 min Scan# 5701
Delta R.T. -0.003 min
Lab File: BM046736.D
Acq: 19 Jul 2024 21:06



Tgt Ion:276 Resp: 6267
Ion Ratio Lower Upper
276 100
138 23.5 10.2 15.4#
277 36.2 20.9 31.3#

