

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046727.D
 Acq On : 19 Jul 2024 15:35
 Operator : MA/JU
 Sample : P3201-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY8

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 18:47:18 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	3642	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	8276	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.132	164	5155	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	9984m	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	7191	0.400	ng/ul #	0.00
23) Perylene-d12	23.230	264	7871	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	6787	2.268	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	2916	0.218	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	5146	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	1669	0.079	ng/ul#	93
7) 2-Methylnaphthalene	11.921	142	707	0.048	ng/ul	99
8) 1-Methylnaphthalene	12.141	142	497	0.033	ng/ul	97
10) Acenaphthylene	13.850	152	3624	0.154	ng/ul	99
11) Acenaphthene	14.192	153	2101	0.134	ng/ul	99
12) Fluorene	15.192	166	2332	0.120	ng/ul#	97
15) Phenanthrene	16.926	178	58123	2.040	ng/ul	98
16) Anthracene	17.019	178	9634	0.347	ng/ul	99
19) Fluoranthene	18.956	202	145651	4.931	ng/ul	99
20) Pyrene	19.318	202	73254	2.291	ng/ul	99
21) Benzo(a)anthracene	21.079	228	58931	1.852	ng/ul	98
22) Chrysene	21.131	228	67667	2.198	ng/ul	98
24) Benzo(b)fluoranthene	22.598	252	97687m	3.107	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	35966m	1.165	ng/ul	
26) Benzo(a)pyrene	23.136	252	21602	0.835	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.340	276	27450	0.697	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	12097	0.388	ng/ul#	89
29) Benzo(g,h,i)perylene	25.983	276	4085	0.130	ng/ul#	73

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

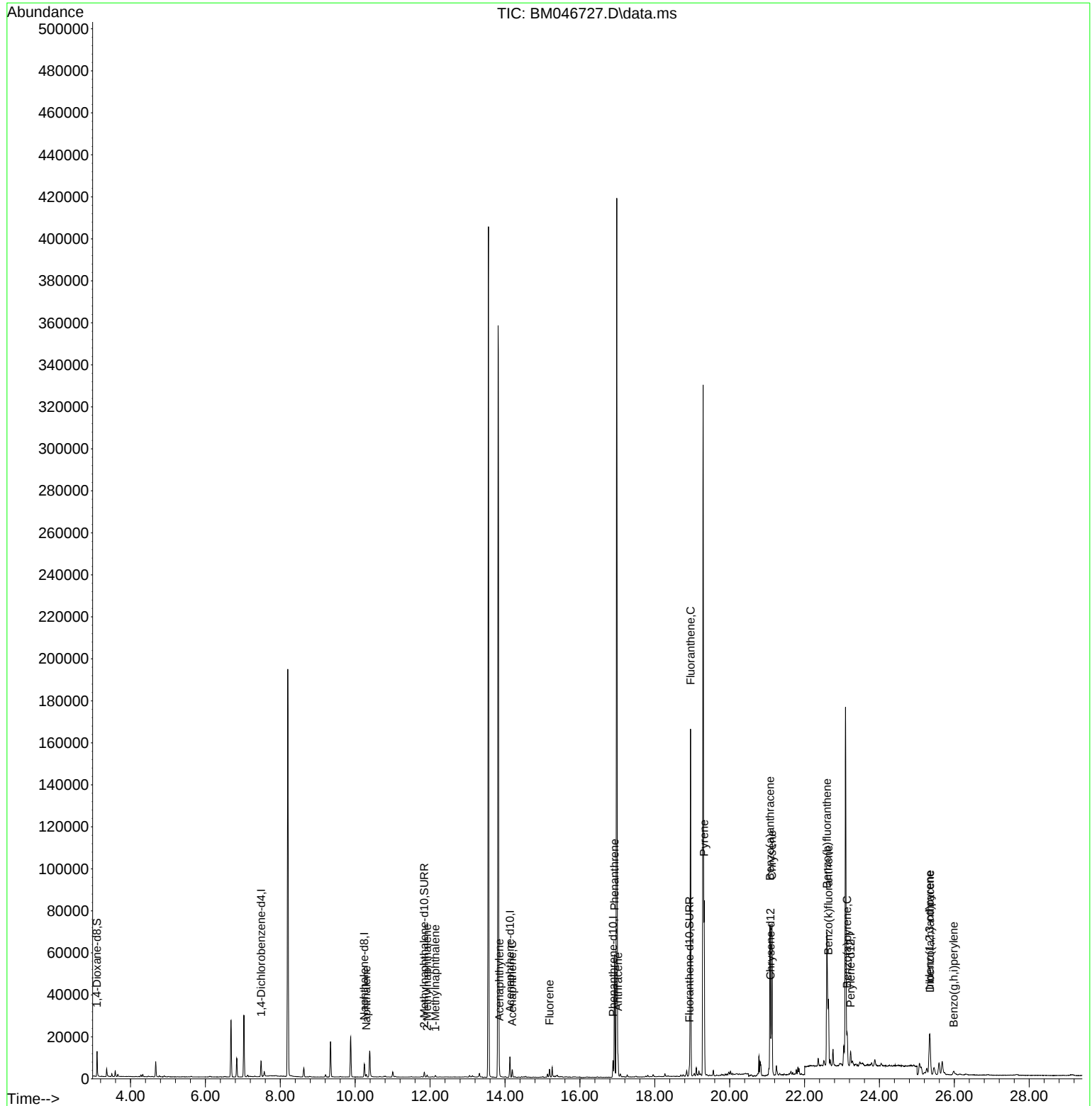
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046727.D
Acq On : 19 Jul 2024 15:35
Operator : MA/JU
Sample : P3201-02
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ALS Vial : 9 Sample Multiplier: 1

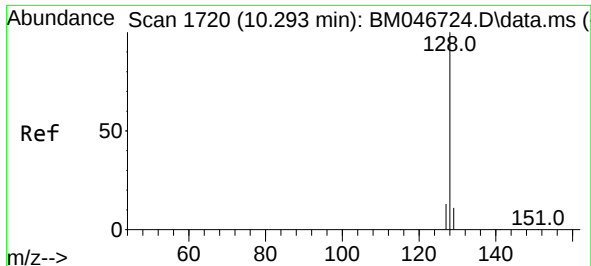
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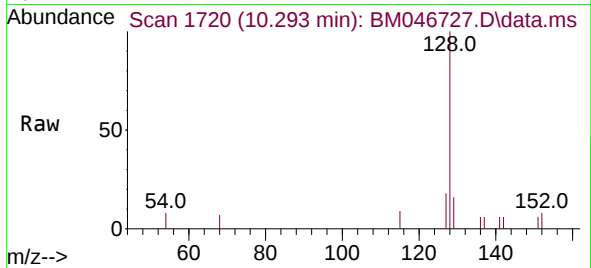
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.293 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

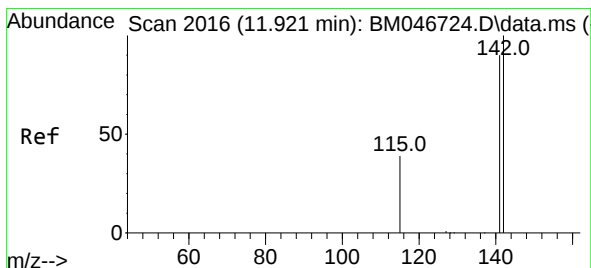
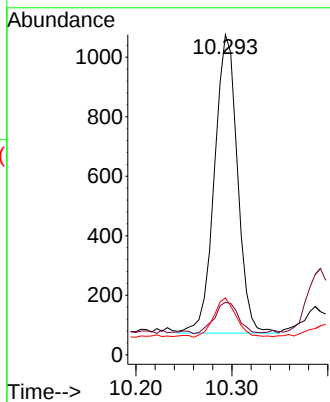
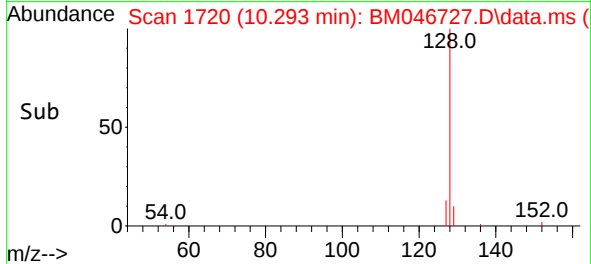
Instrument :
BNA_M
ClientSampleId :
A4BY8



Tgt Ion:128 Resp: 1669
Ion Ratio Lower Upper
128 100
129 16.4 10.3 15.5
127 17.8 12.2 18.4

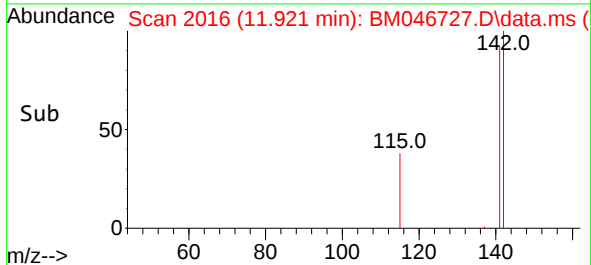
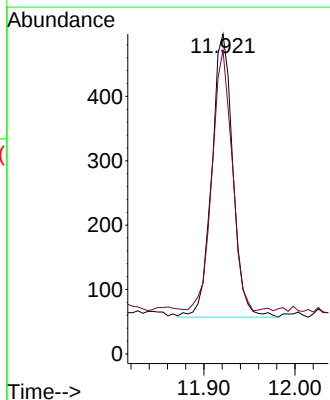
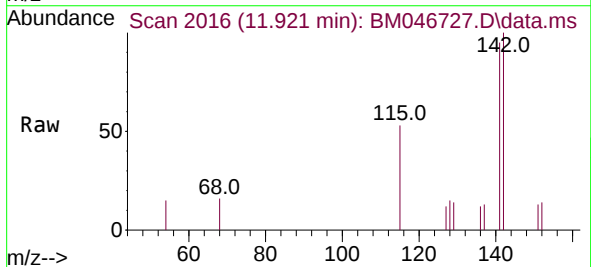
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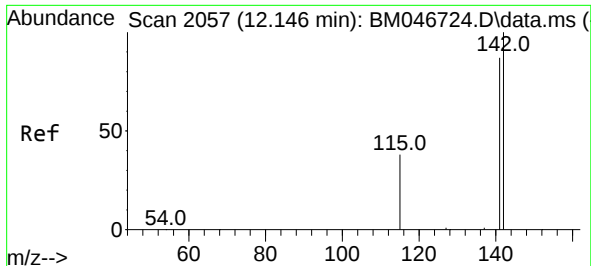
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

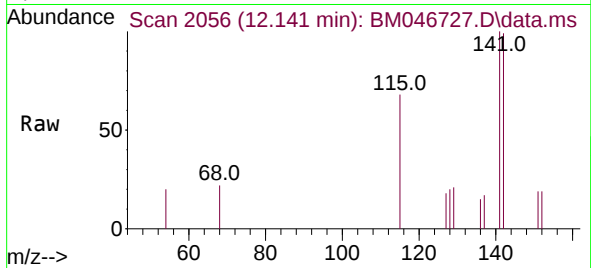
Tgt Ion:142 Resp: 707
Ion Ratio Lower Upper
142 100
141 86.8 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

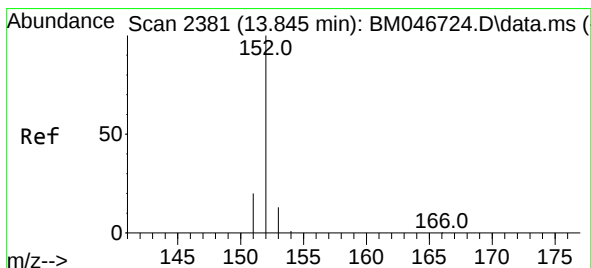
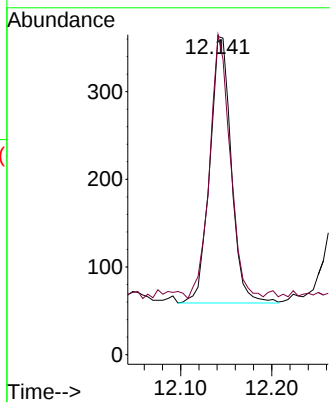
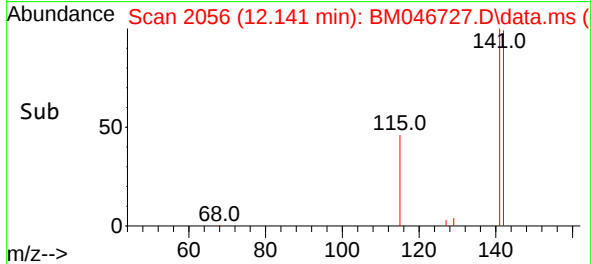
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
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141 95.2 73.9 110.9

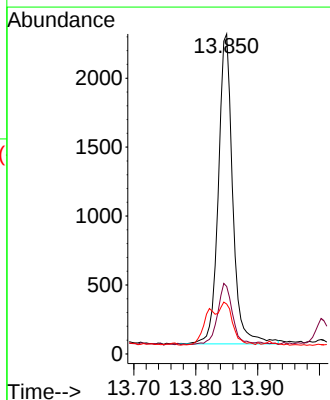
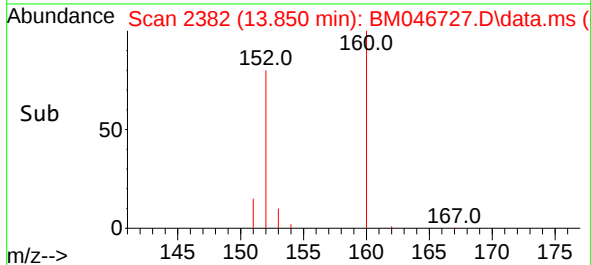
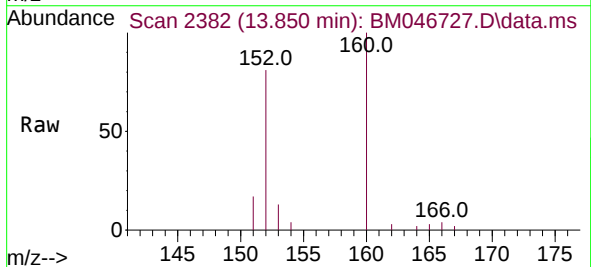
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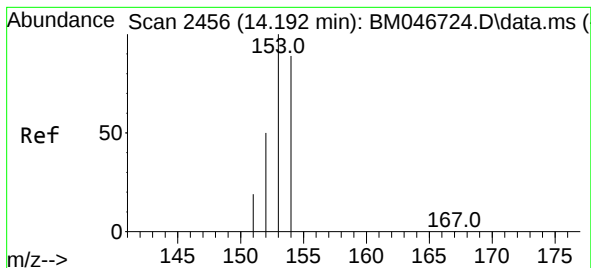
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.154 ng/ul
RT: 13.850 min Scan# 2382
Delta R.T. 0.001 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

Tgt Ion:152 Resp: 3624
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 15.6 12.4 18.6





#11

Acenaphthene

Concen: 0.134 ng/u1

RT: 14.192 min Scan# 2456

Delta R.T. -0.003 min

Lab File: BM046727.D

Acq: 19 Jul 2024 15:35

Instrument :

BNA_M

ClientSampleId :

A4BY8

Tgt Ion:153 Resp: 210

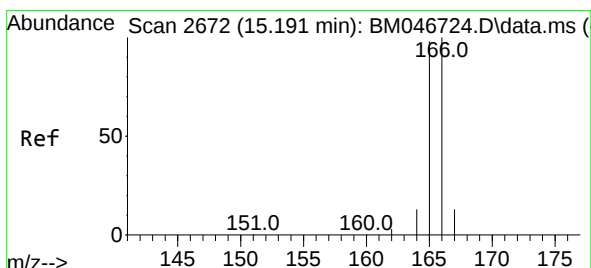
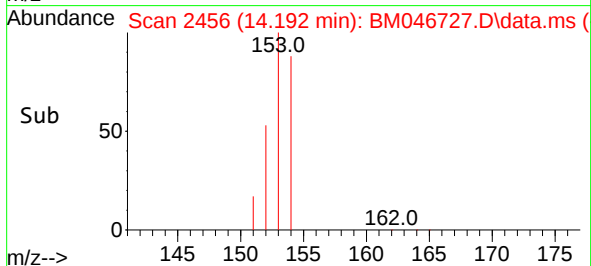
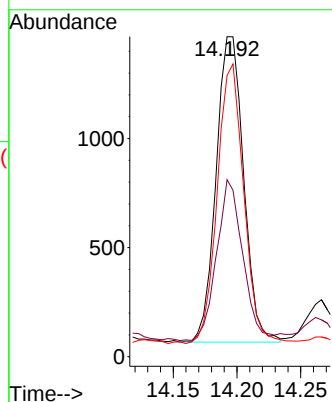
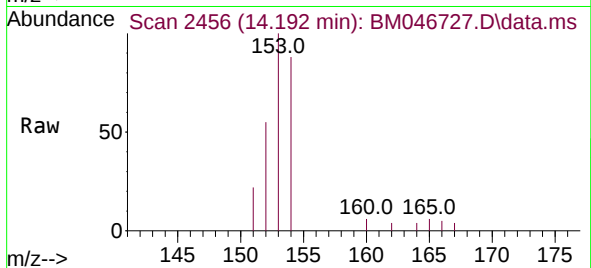
Ion	Ratio	Lower	Upper
153	100		
152	55.3	43.0	64.6
154	87.9	69.9	104.9

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#12

Fluorene

Concen: 0.120 ng/u1

RT: 15.192 min Scan# 2672

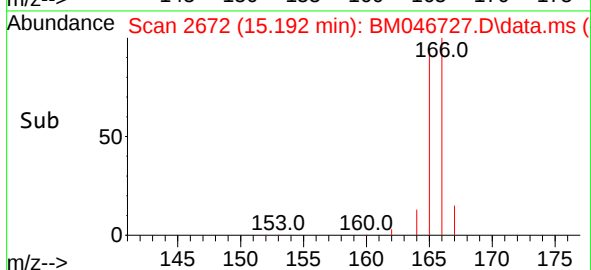
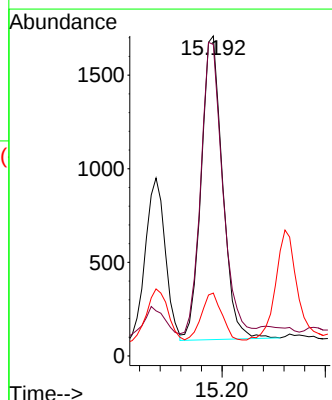
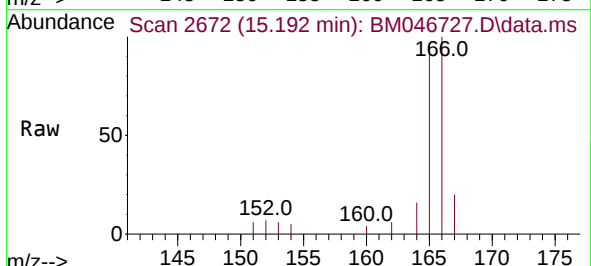
Delta R.T. 0.001 min

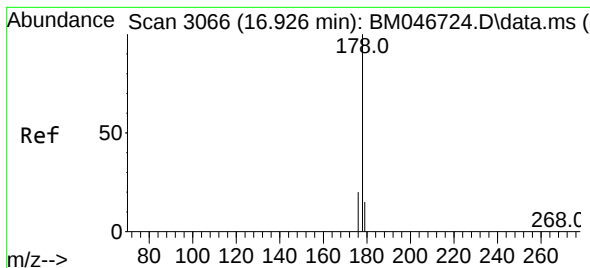
Lab File: BM046727.D

Acq: 19 Jul 2024 15:35

Tgt Ion:166 Resp: 2332

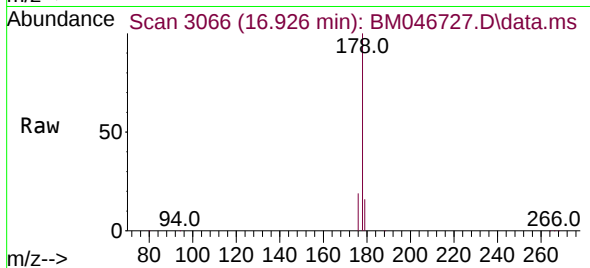
Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.1	114.1
167	19.7	12.5	18.7





#15
Phenanthrene
Concen: 2.040 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

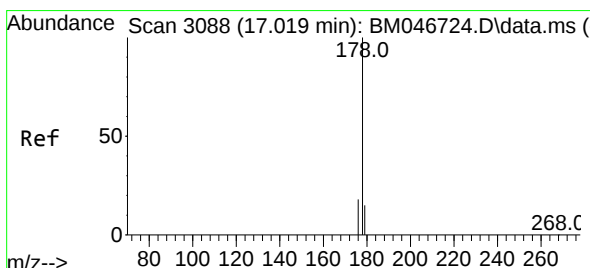
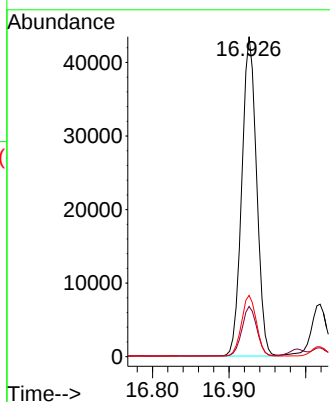
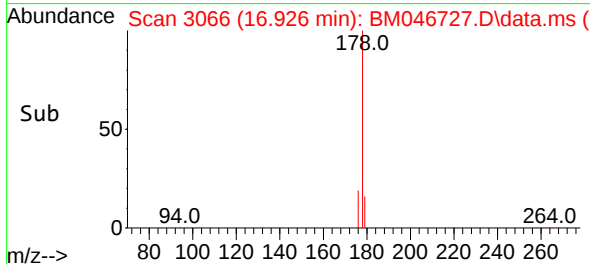
Instrument :
BNA_M
ClientSampleId :
A4BY8



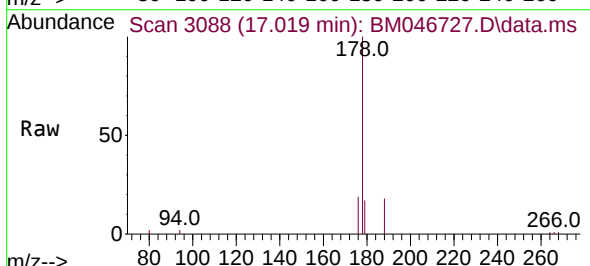
Tgt Ion:178 Resp: 5812
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.1 16.0 24.0

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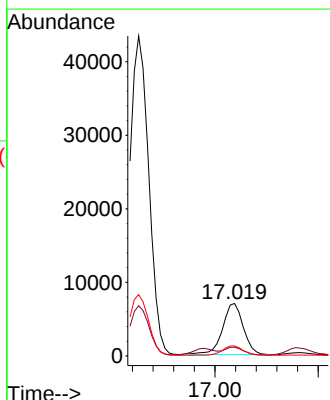
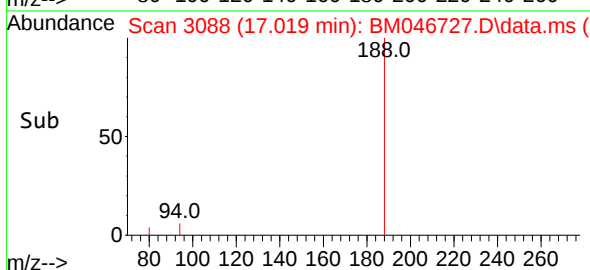
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

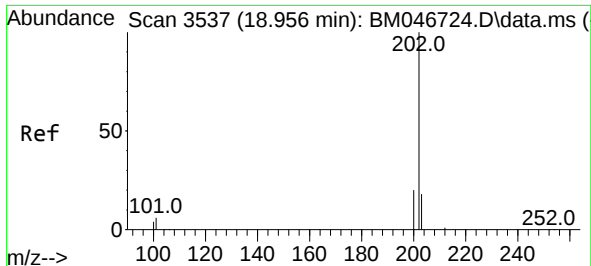


#16
Anthracene
Concen: 0.347 ng/u1
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35



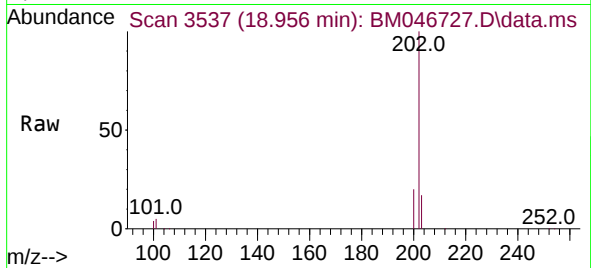
Tgt Ion:178 Resp: 9634
Ion Ratio Lower Upper
178 100
179 16.8 13.5 20.3
176 18.9 15.7 23.5





#19
Fluoranthene
Concen: 4.931 ng/ul
RT: 18.956 min Scan# 3537
Delta R.T. 0.001 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

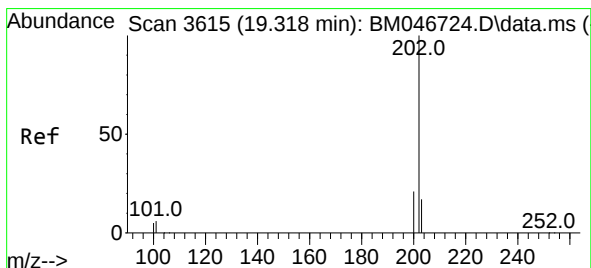
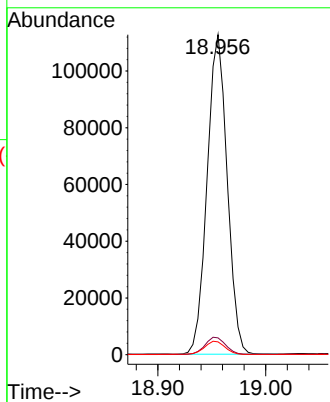
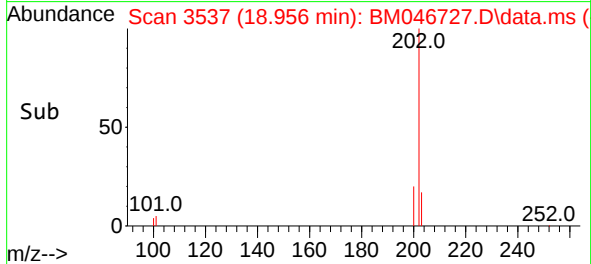
Instrument :
BNA_M
ClientSampleId :
A4BY8



Tgt Ion:202 Resp: 14565
Ion Ratio Lower Upper
202 100
101 5.3 4.6 6.8
100 4.0 3.0 4.6

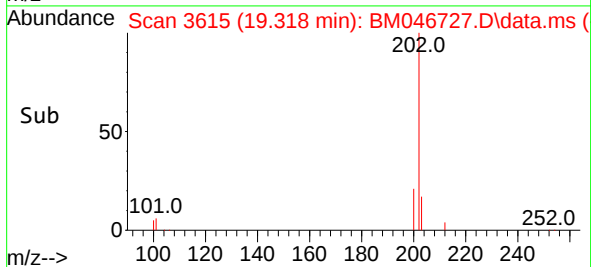
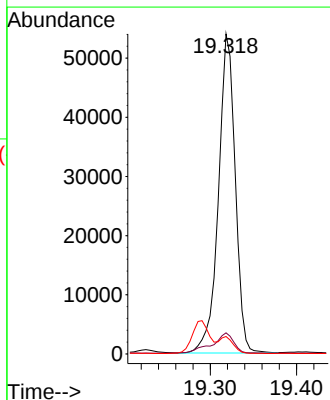
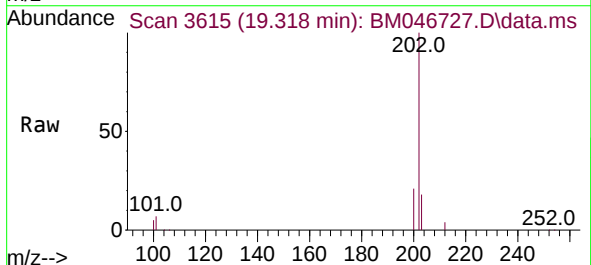
Manual Integrations
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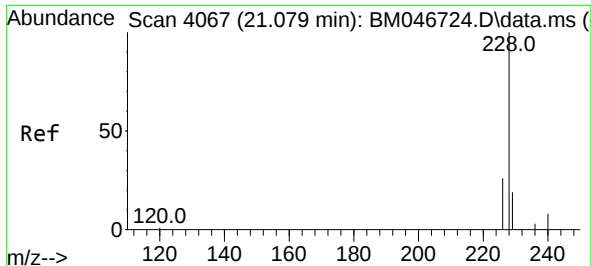
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#20
Pyrene
Concen: 2.291 ng/ul
RT: 19.318 min Scan# 3615
Delta R.T. -0.003 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

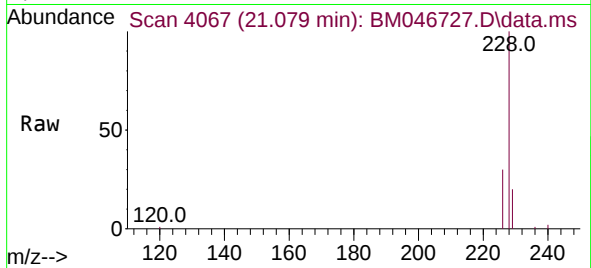
Tgt Ion:202 Resp: 73254
Ion Ratio Lower Upper
202 100
101 6.6 5.1 7.7
100 5.5 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.852 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.000 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

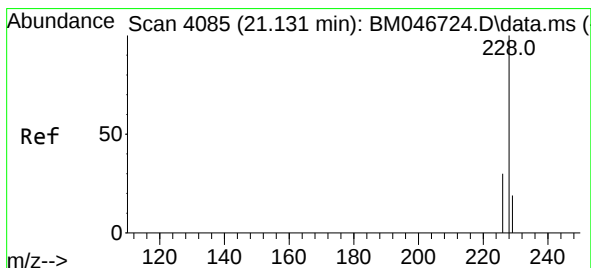
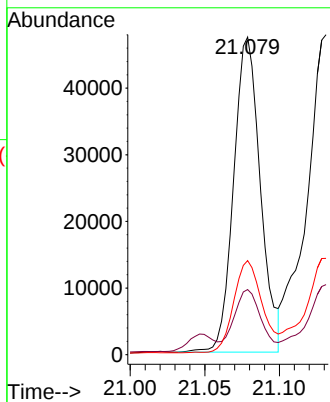
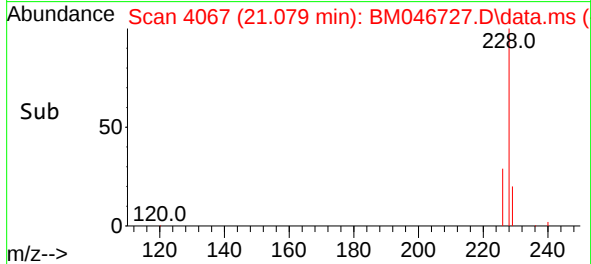
Instrument :
BNA_M
ClientSampleId :
A4BY8



Tgt Ion:228 Resp: 5893
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 29.6 22.5 33.7

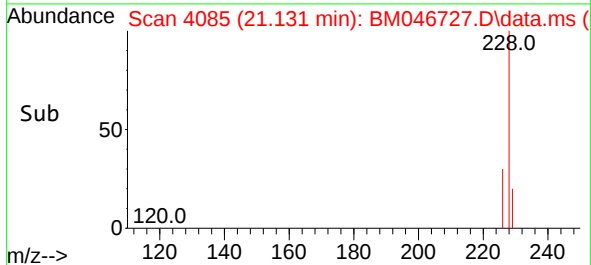
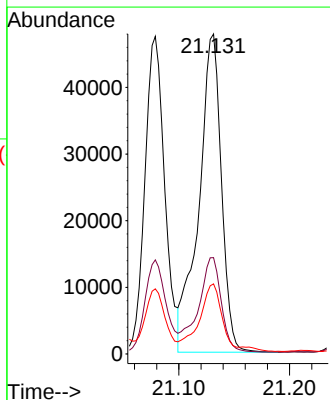
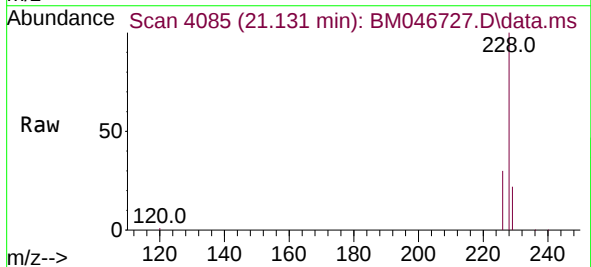
Manual Integrations
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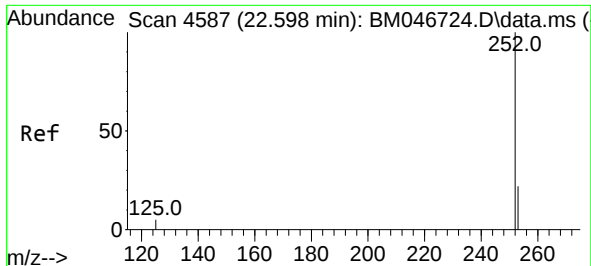
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 2.198 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

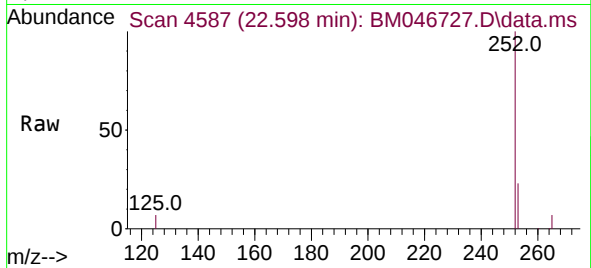
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Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.107 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

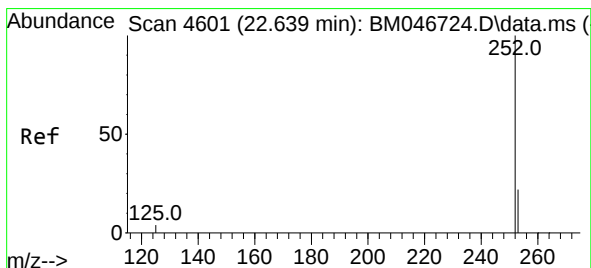
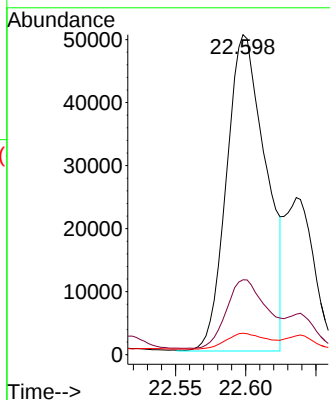
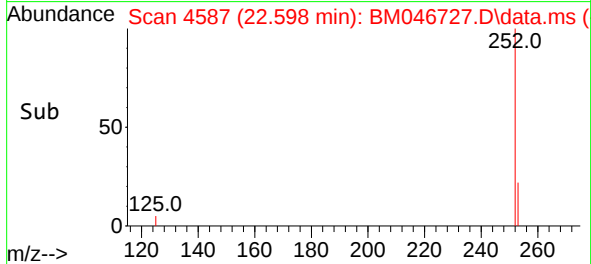
Instrument :
BNA_M
ClientSampleId :
A4BY8



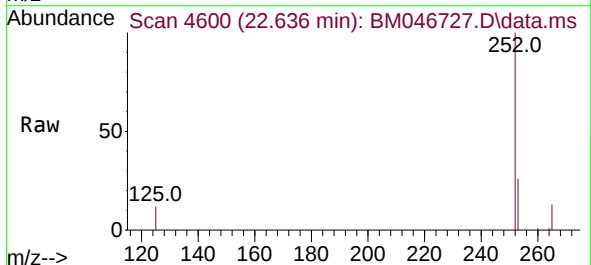
Tgt Ion:252 Resp: 9768
Ion Ratio Lower Upper
252 100
253 23.4 0.0 56.2
125 6.7 0.0 17.8

Manual Integrations
APPROVED

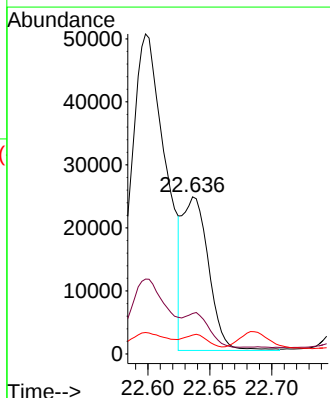
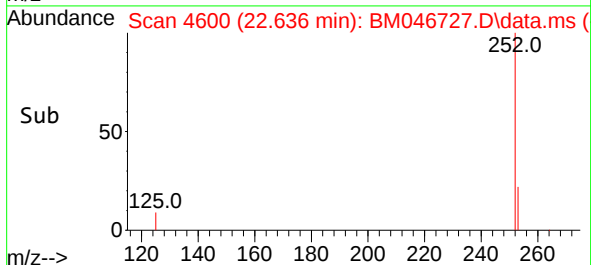
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

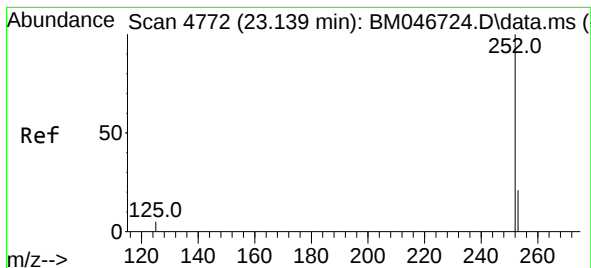


#25
Benzo(k)fluoranthene
Concen: 1.165 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35



Tgt Ion:252 Resp: 35966
Ion Ratio Lower Upper
252 100
253 25.7 22.4 33.6
125 12.0 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.835 ng/ul

RT: 23.136 min Scan# 4771

Delta R.T. -0.003 min

Lab File: BM046727.D

Acq: 19 Jul 2024 15:35

Instrument :

BNM_M

ClientSampleId :

A4BY8

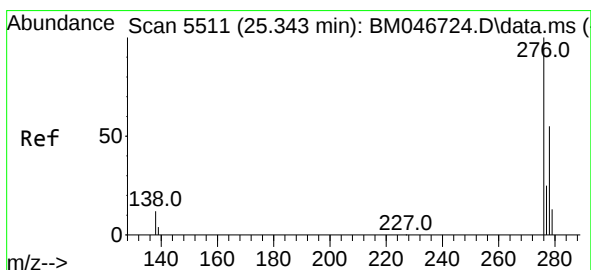
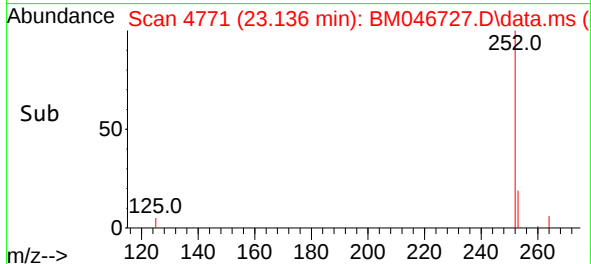
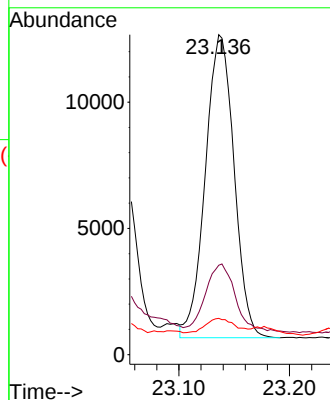
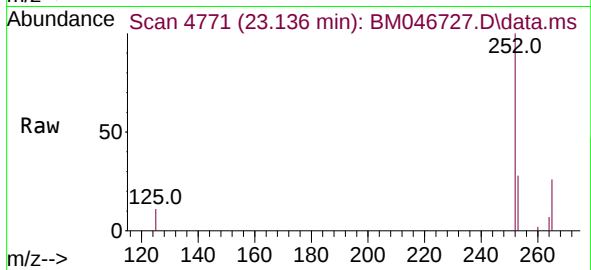
Tgt Ion:	252	Resp:	2160
Ion Ratio	Lower	Upper	
252	100		
253	27.9	24.0	36.0
125	11.4	8.2	12.2

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: 0.697 ng/ul

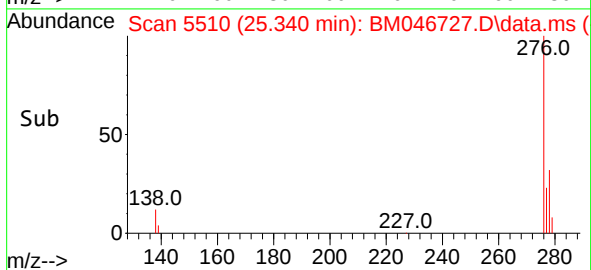
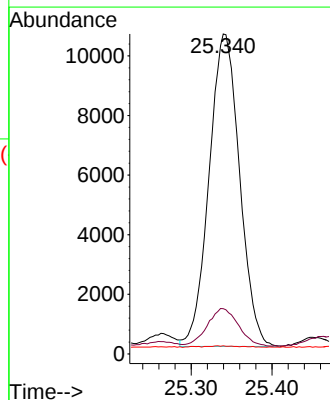
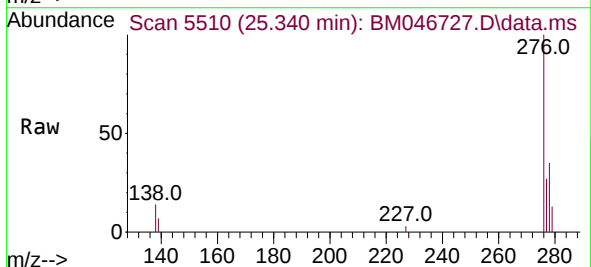
RT: 25.340 min Scan# 5510

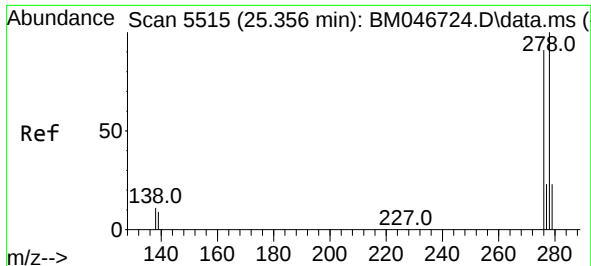
Delta R.T. -0.007 min

Lab File: BM046727.D

Acq: 19 Jul 2024 15:35

Tgt Ion:	276	Resp:	27450
Ion Ratio	Lower	Upper	
276	100		
138	12.2	0.0	0.0#
227	0.4	0.2	0.2#





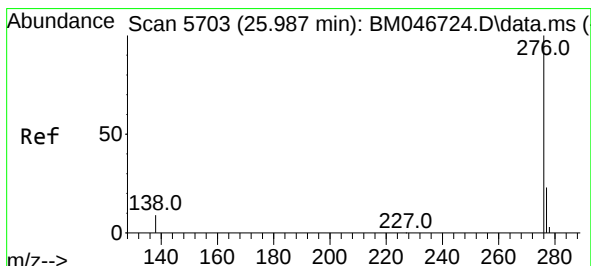
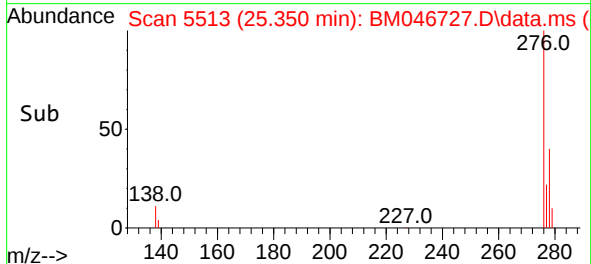
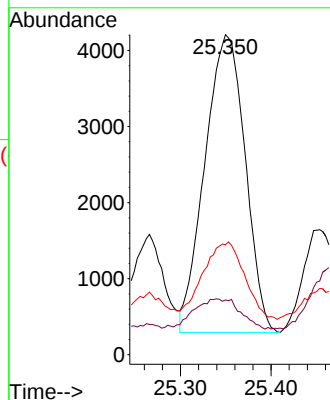
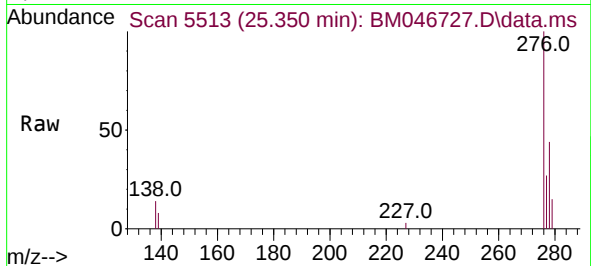
#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.350 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

Instrument :
BNA_M
ClientSampleId :
A4BY8

Tgt Ion:278 Resp: 1209
Ion Ratio Lower Upper
278 100
139 17.1 9.1 13.7
279 34.4 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: 0.130 ng/ul
RT: 25.983 min Scan# 5702
Delta R.T. -0.000 min
Lab File: BM046727.D
Acq: 19 Jul 2024 15:35

Tgt Ion:276 Resp: 4085
Ion Ratio Lower Upper
276 100
138 25.9 10.2 15.4#
277 38.0 20.9 31.3#

