

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046749.D
 Acq On : 22 Jul 2024 13:31
 Operator : MA/JU
 Sample : P3238-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 14:50:24 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	4786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7707	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.127	164	5242	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	11477	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	9616	0.400	ng/ul	# 0.00
23) Perylene-d12	23.229	264	9643	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	6164	1.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	2367	0.190	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	5641	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	4475	0.228	ng/ul	98
7) 2-Methylnaphthalene	11.915	142	1745	0.127	ng/ul	99
8) 1-Methylnaphthalene	12.141	142	1416	0.101	ng/ul	99
10) Acenaphthylene	13.845	152	9972	0.418	ng/ul	99
11) Acenaphthene	14.192	153	6627	0.415	ng/ul	97
12) Fluorene	15.187	166	8349	0.422	ng/ul	97
15) Phenanthrene	16.926	178	190711	5.823	ng/ul	98
16) Anthracene	17.015	178	33784	1.057	ng/ul	98
19) Fluoranthene	18.956	202	408019	10.330	ng/ul	99
20) Pyrene	19.318	202	280799	6.566	ng/ul	99
21) Benzo(a)anthracene	21.076	228	181162	4.259	ng/ul	98
22) Chrysene	21.128	228	180133	4.376	ng/ul	99
24) Benzo(b)fluoranthene	22.598	252	248259m	6.446	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	88985m	2.353	ng/ul	
26) Benzo(a)pyrene	23.136	252	101261m	3.194	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.339	276	97138	2.014	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	30243	0.792	ng/ul	97
29) Benzo(g,h,i)perylene	25.983	276	15584	0.405	ng/ul#	92

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

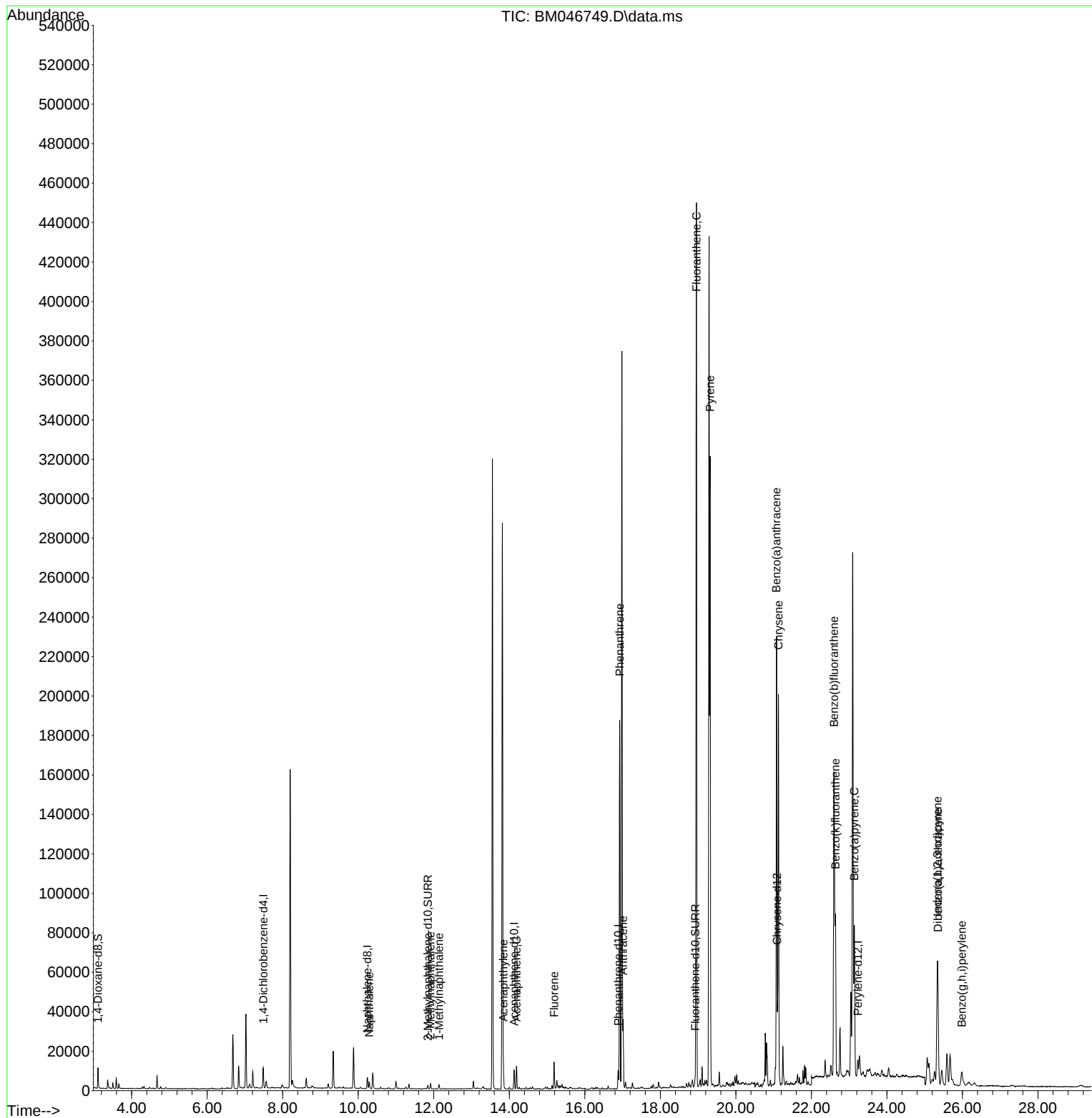
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046749.D
Acq On : 22 Jul 2024 13:31
Operator : MA/JU
Sample : P3238-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

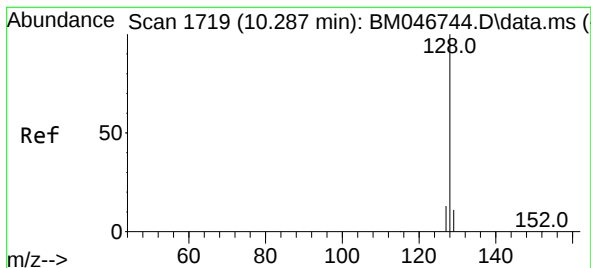
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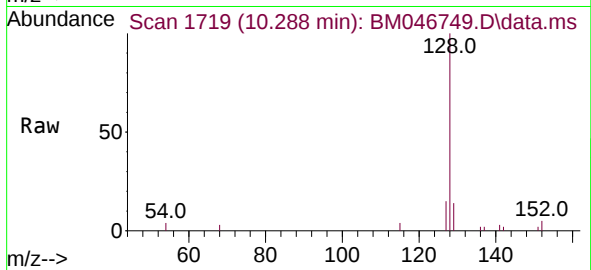
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.228 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

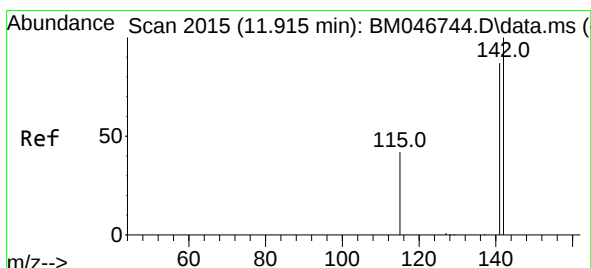
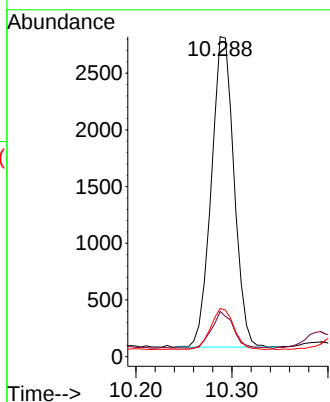
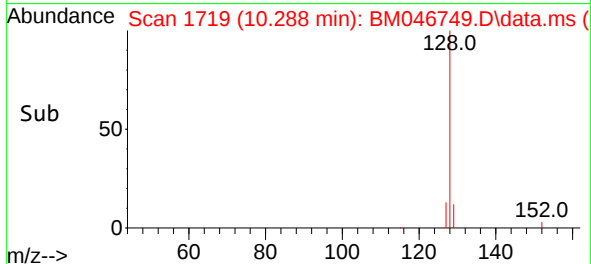
Instrument :
BNA_M
ClientSampleId :
A4CG8



Tgt Ion:128 Resp: 4475
Ion Ratio Lower Upper
128 100
129 14.1 10.3 15.5
127 15.1 12.2 18.4

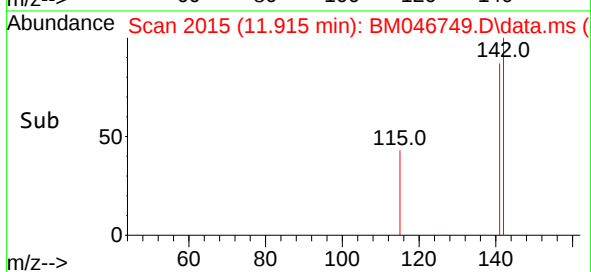
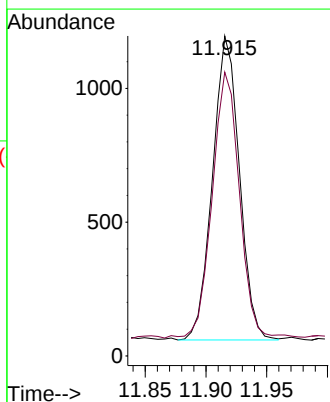
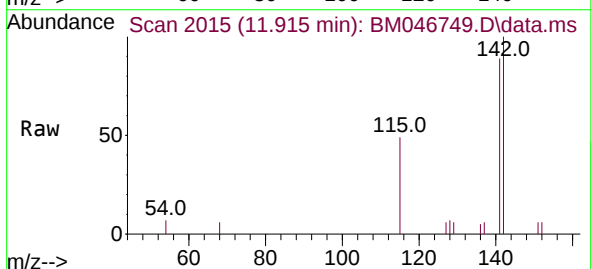
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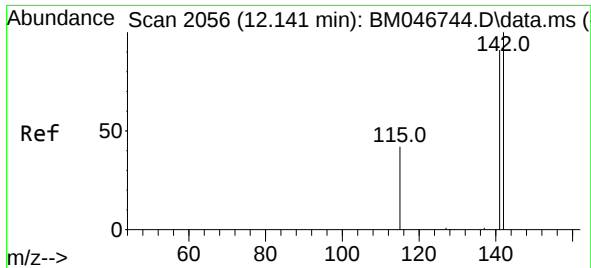
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

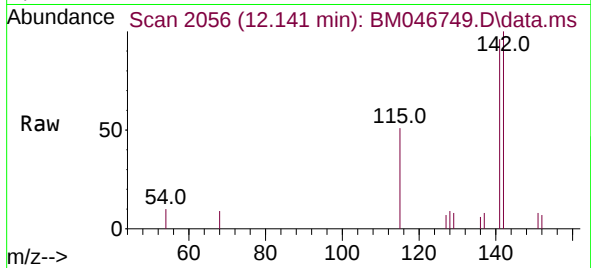
Tgt Ion:142 Resp: 1745
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

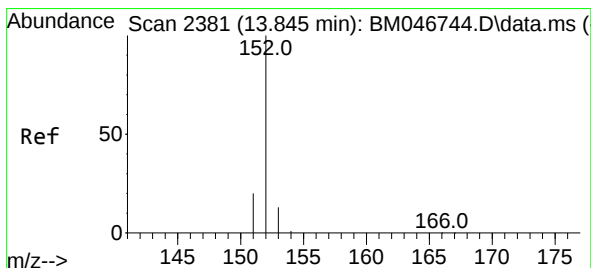
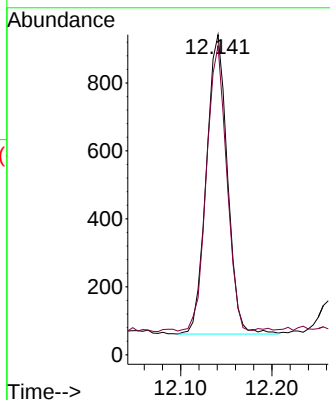
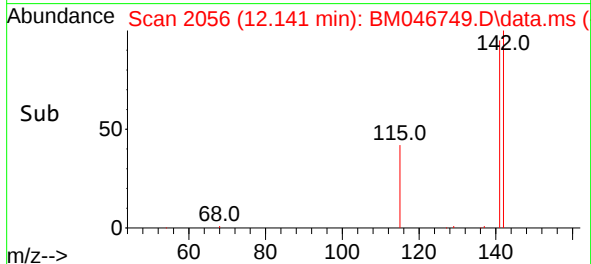
Instrument :
BNA_M
ClientSampleId :
A4CG8



Tgt Ion:142 Resp: 1410
Ion Ratio Lower Upper
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141 91.4 73.9 110.9

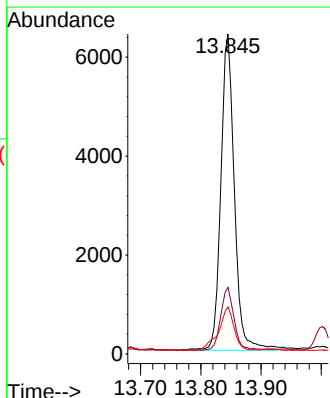
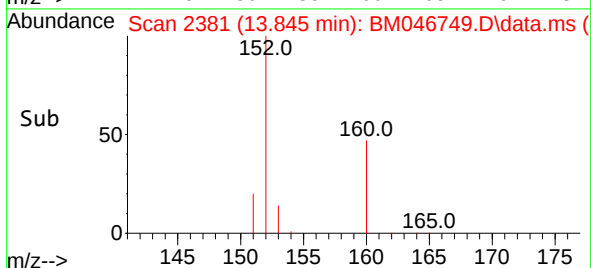
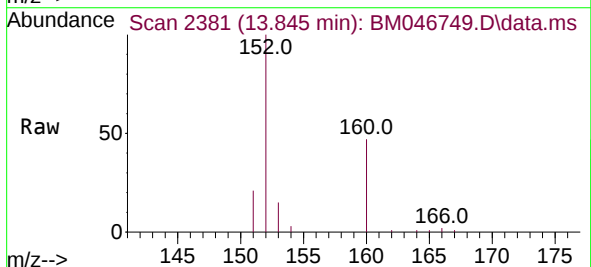
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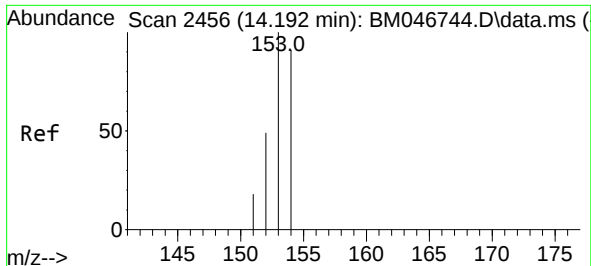
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.845 min Scan# 2381
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

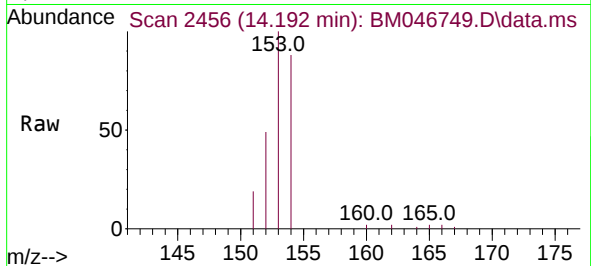
Tgt Ion:152 Resp: 9972
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.7 12.4 18.6





#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

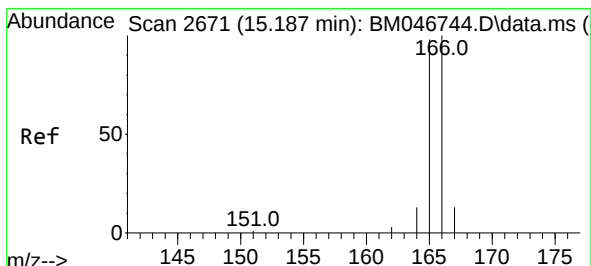
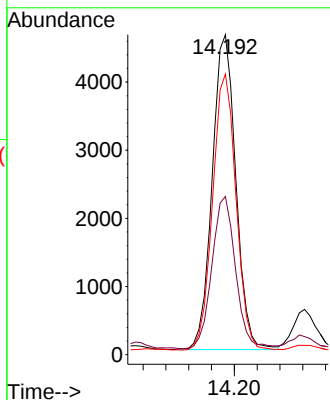
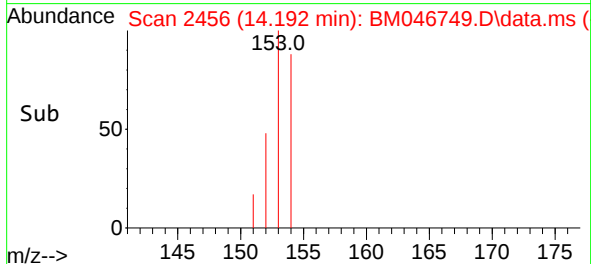
Instrument :
BNA_M
ClientSampleId :
A4CG8



Tgt Ion:153 Resp: 662
Ion Ratio Lower Upper
153 100
152 49.5 43.0 64.6
154 87.7 69.9 104.9

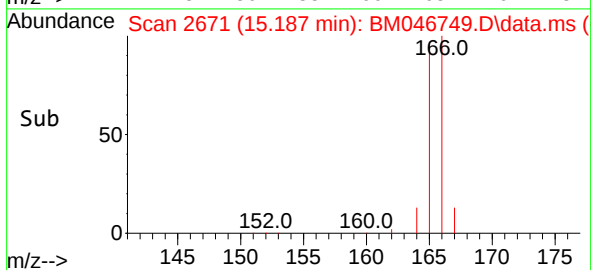
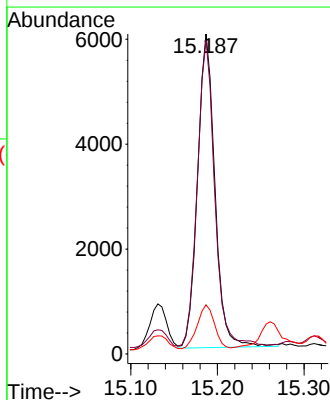
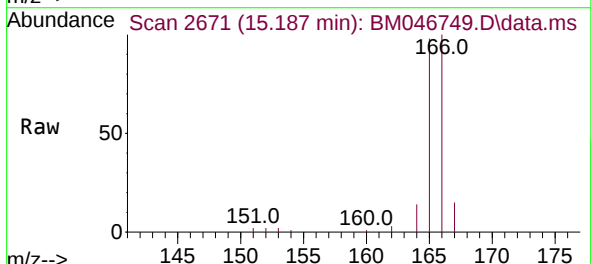
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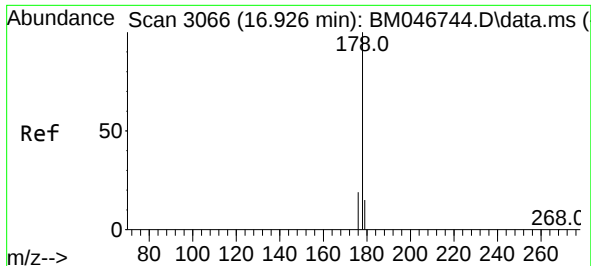
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.422 ng/ul
RT: 15.187 min Scan# 2671
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

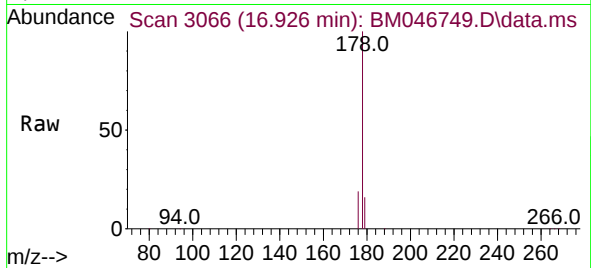
Tgt Ion:166 Resp: 8349
Ion Ratio Lower Upper
166 100
165 97.9 76.1 114.1
167 15.3 12.5 18.7





#15
Phenanthrene
Concen: 5.823 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

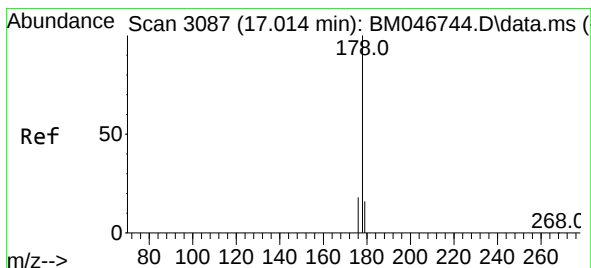
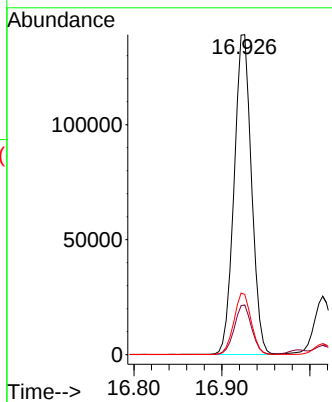
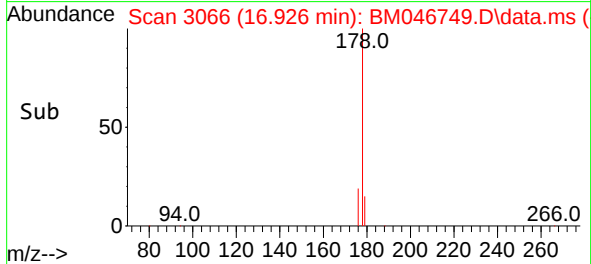
Instrument :
BNA_M
ClientSampleId :
A4CG8



Tgt Ion:178 Resp: 190711
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 18.8 16.0 24.0

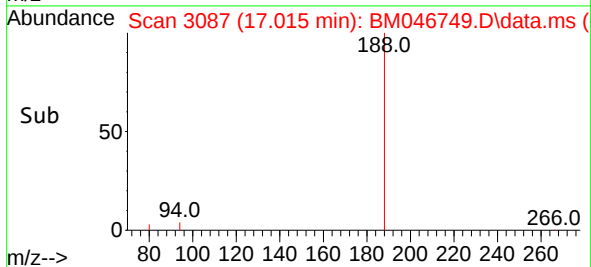
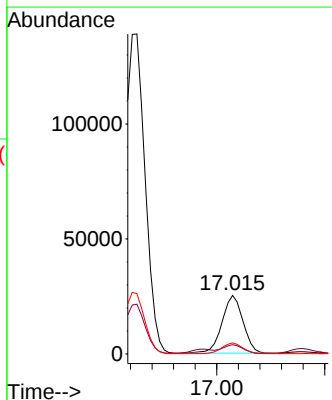
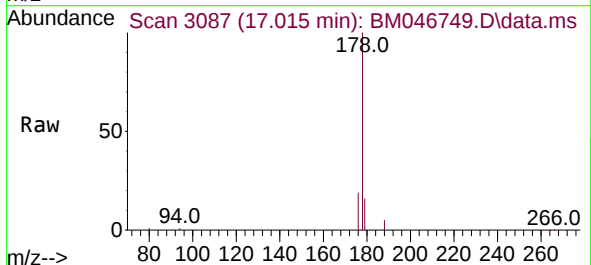
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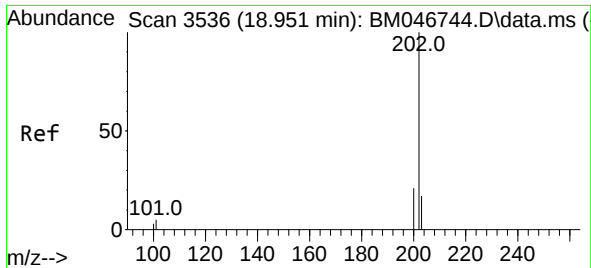
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 1.057 ng/u1
RT: 17.015 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

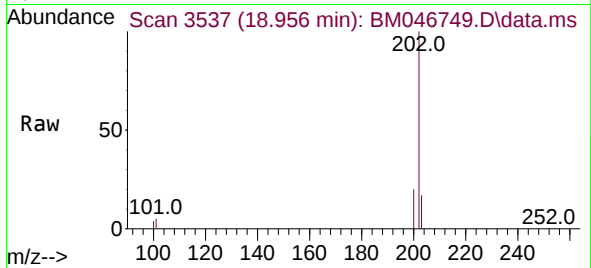
Tgt Ion:178 Resp: 33784
Ion Ratio Lower Upper
178 100
179 15.9 13.5 20.3
176 18.9 15.7 23.5





#19
Fluoranthene
Concen: 10.330 ng/u1
RT: 18.956 min Scan# 3536
Delta R.T. 0.001 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

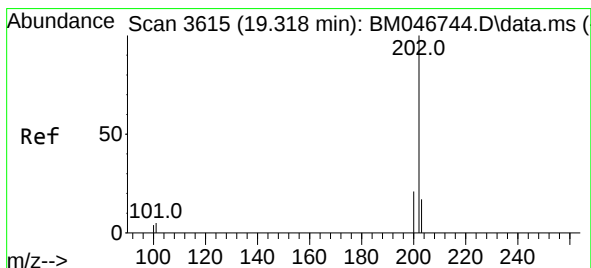
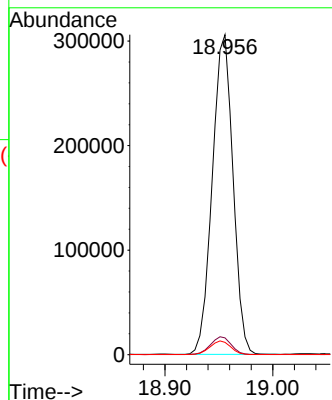
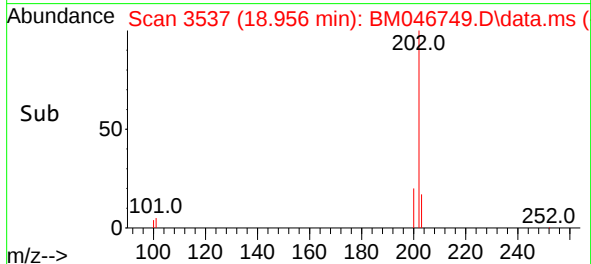
Instrument :
BNA_M
ClientSampleId :
A4CG8



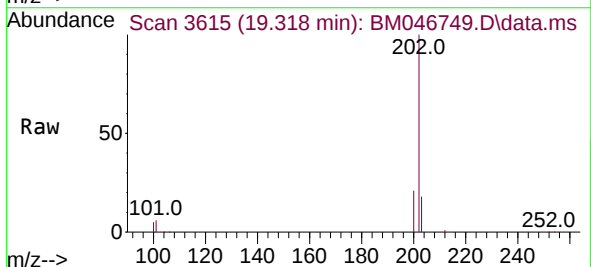
Tgt Ion:202 Resp: 408019
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 3.9 3.0 4.6

Manual Integrations
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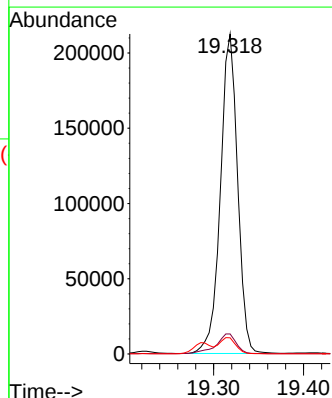
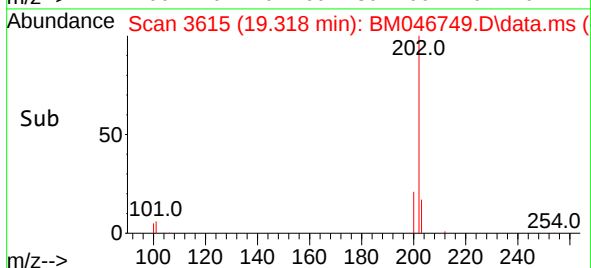
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

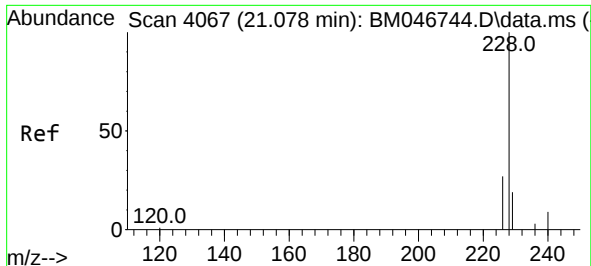


#20
Pyrene
Concen: 6.566 ng/u1
RT: 19.318 min Scan# 3615
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31



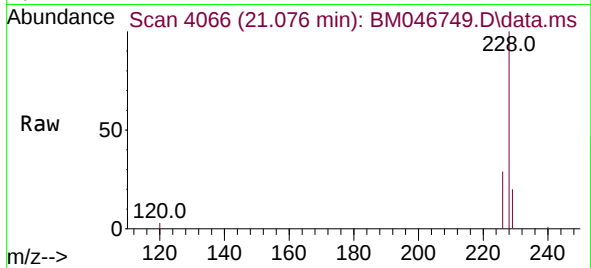
Tgt Ion:202 Resp: 280799
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 5.0 3.8 5.6





#21
Benzo(a)anthracene
Concen: 4.259 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

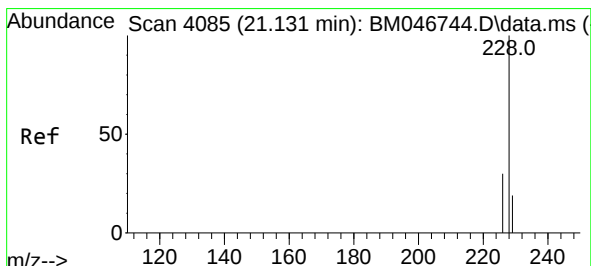
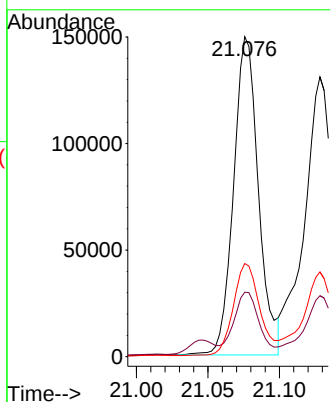
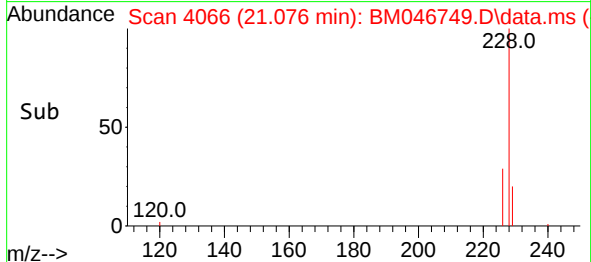
Instrument :
BNA_M
ClientSampleId :
A4CG8



Tgt Ion:228 Resp: 18116
Ion Ratio Lower Upper
228 100
229 20.1 16.5 24.7
226 29.1 22.5 33.7

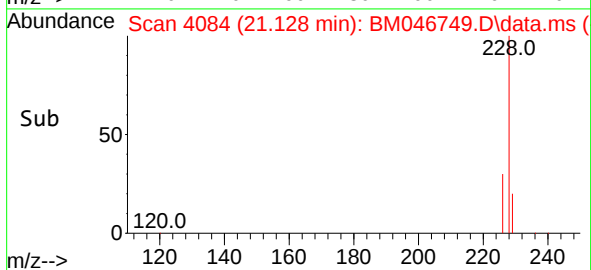
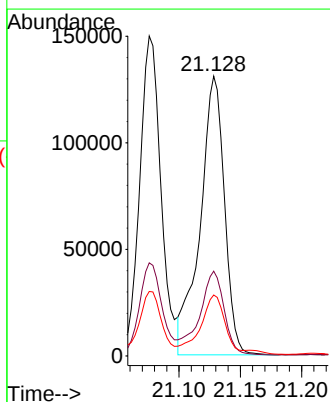
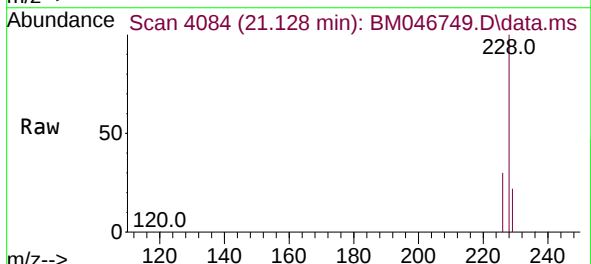
Manual Integrations
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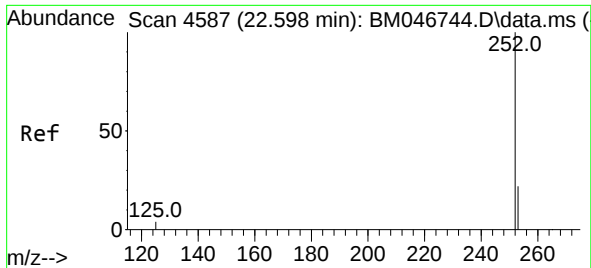
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 4.376 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

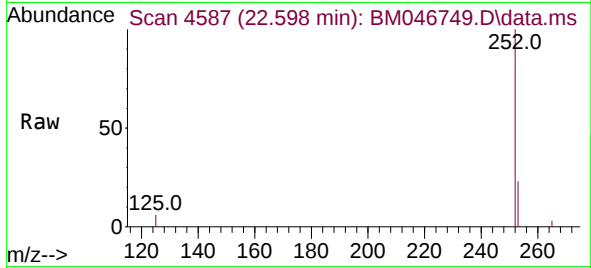
Tgt Ion:228 Resp: 180133
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.446 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

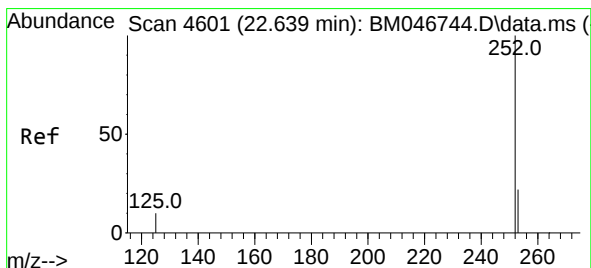
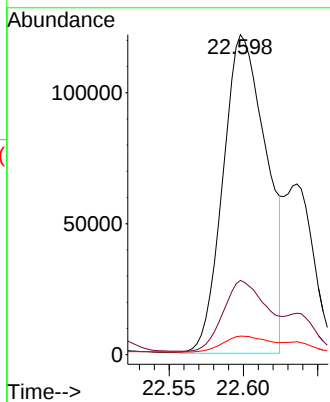
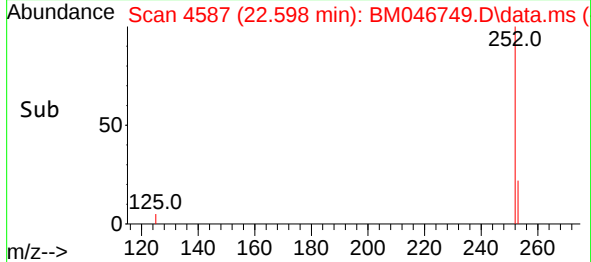
Instrument :
BNA_M
ClientSampleId :
A4CG8



Tgt Ion:252 Resp: 248259
Ion Ratio Lower Upper
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253 23.2 0.0 56.2
125 5.8 0.0 17.8

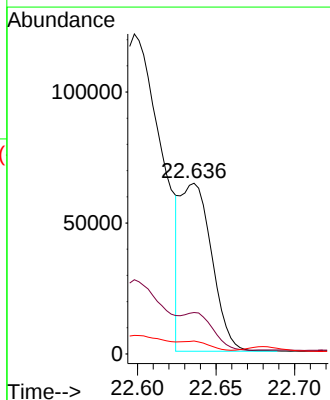
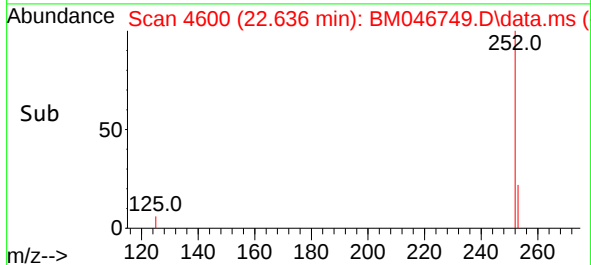
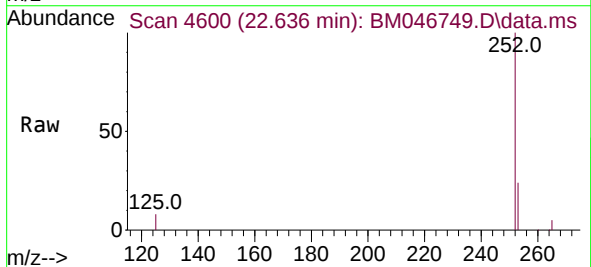
Manual Integrations
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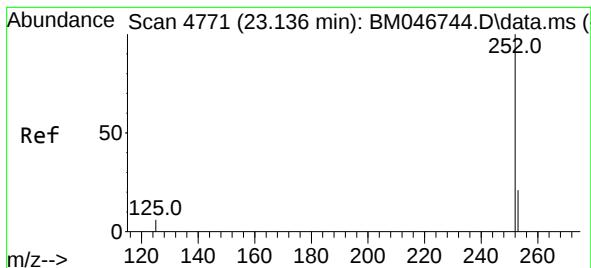
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 2.353 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

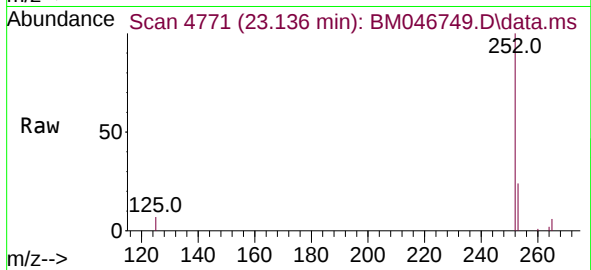
Tgt Ion:252 Resp: 88985
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 7.6 7.0 10.4





#26
Benzo(a)pyrene
Concen: 3.194 ng/ul m
RT: 23.136 min Scan# 4771
Delta R.T. -0.003 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

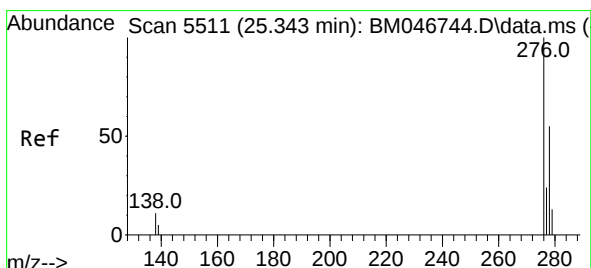
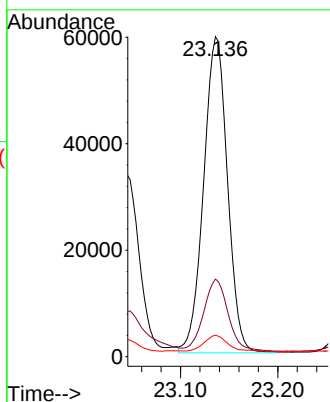
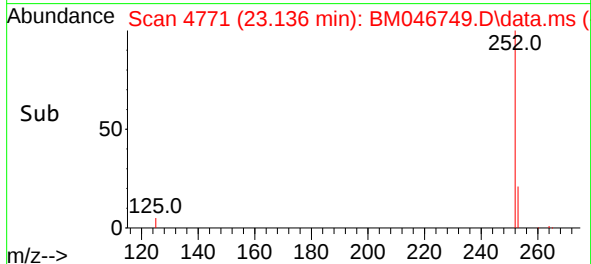
Instrument :
BNA_M
ClientSampleId :
A4CG8



Tgt Ion:252 Resp: 101263
Ion Ratio Lower Upper
252 100
253 24.2 24.0 36.0
125 6.7 8.2 12.2

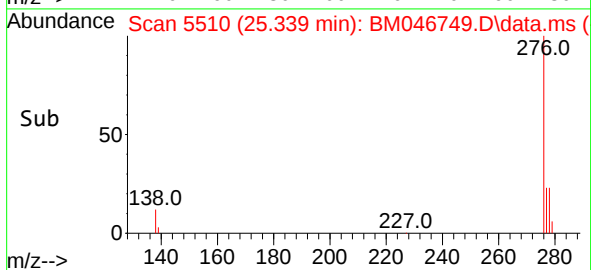
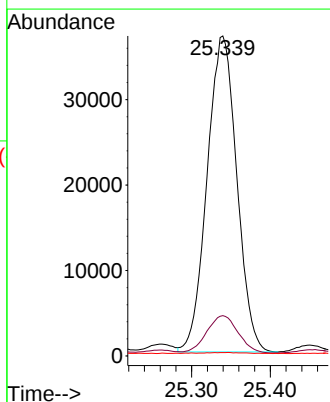
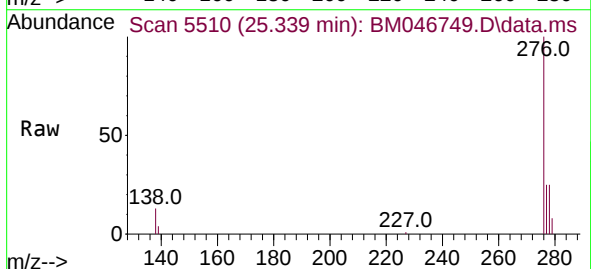
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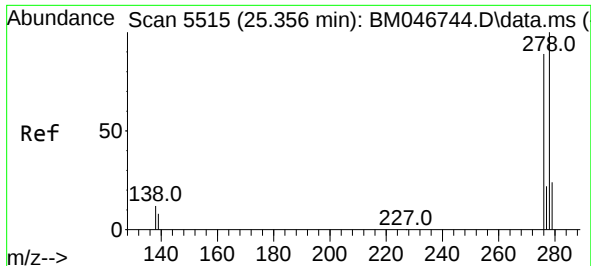
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.014 ng/ul
RT: 25.339 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

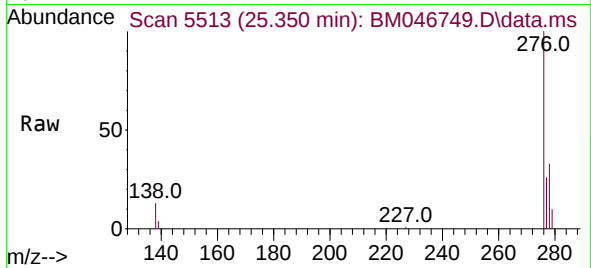
Tgt Ion:276 Resp: 97138
Ion Ratio Lower Upper
276 100
138 12.5 0.0 0.0#
227 0.4 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.792 ng/ul
RT: 25.350 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31

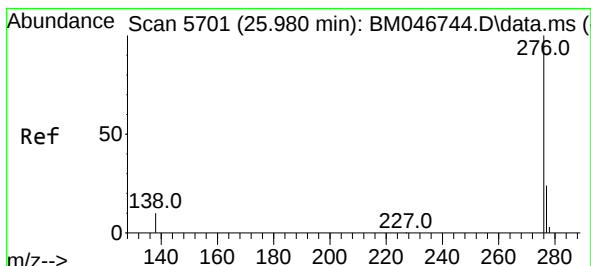
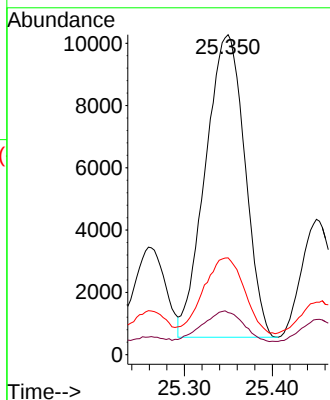
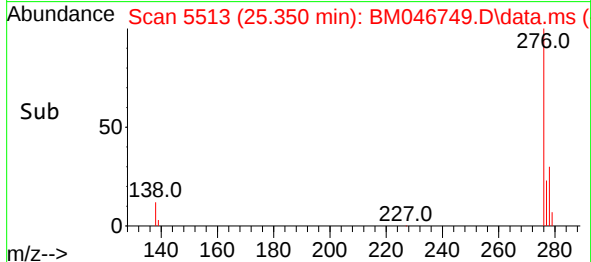
Instrument :
BNA_M
ClientSampleId :
A4CG8



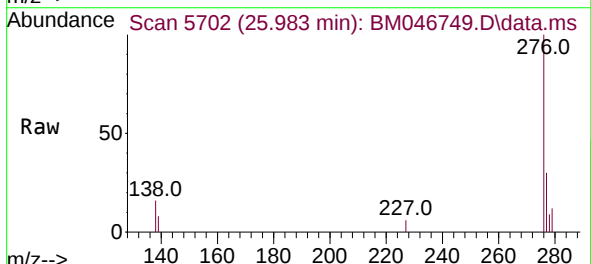
Tgt Ion:278 Resp: 3024
Ion Ratio Lower Upper
278 100
139 13.1 9.1 13.7
279 30.2 23.2 34.8

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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 25.983 min Scan# 5702
Delta R.T. -0.000 min
Lab File: BM046749.D
Acq: 22 Jul 2024 13:31



Tgt Ion:276 Resp: 15584
Ion Ratio Lower Upper
276 100
138 15.5 10.2 15.4#
277 30.1 20.9 31.3

