

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046760.D
 Acq On : 22 Jul 2024 22:54
 Operator : MA/JU
 Sample : P3201-02DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 23:56:24 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	7.480	152	4454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	11897	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.127	164	7321	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	15191	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	13494	0.400	ng/ul	0.00
23) Perylene-d12	23.227	264	12498	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	2205	0.603	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	770	0.040	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	1550	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.845	152	1205	0.036	ng/ul#	87
11) Acenaphthene	14.192	153	582	0.026	ng/ul	94
12) Fluorene	15.187	166	928	0.034	ng/ul#	96
15) Phenanthrene	16.922	178	15891	0.367	ng/ul	99
16) Anthracene	17.015	178	3056	0.072	ng/ul#	93
19) Fluoranthene	18.951	202	43439	0.784	ng/ul#	98
20) Pyrene	19.318	202	22880	0.381	ng/ul	98
21) Benzo(a)anthracene	21.076	228	18976	0.318	ng/ul	96
22) Chrysene	21.128	228	23026	0.399	ng/ul	98
24) Benzo(b)fluoranthene	22.595	252	32350m	0.648	ng/ul	
25) Benzo(k)fluoranthene	22.633	252	11302m	0.231	ng/ul	
26) Benzo(a)pyrene	23.133	252	7200	0.175	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.333	276	8746	0.140	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	4051	0.082	ng/ul#	62
29) Benzo(g,h,i)perylene	25.980	276	2279	0.046	ng/ul#	59

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

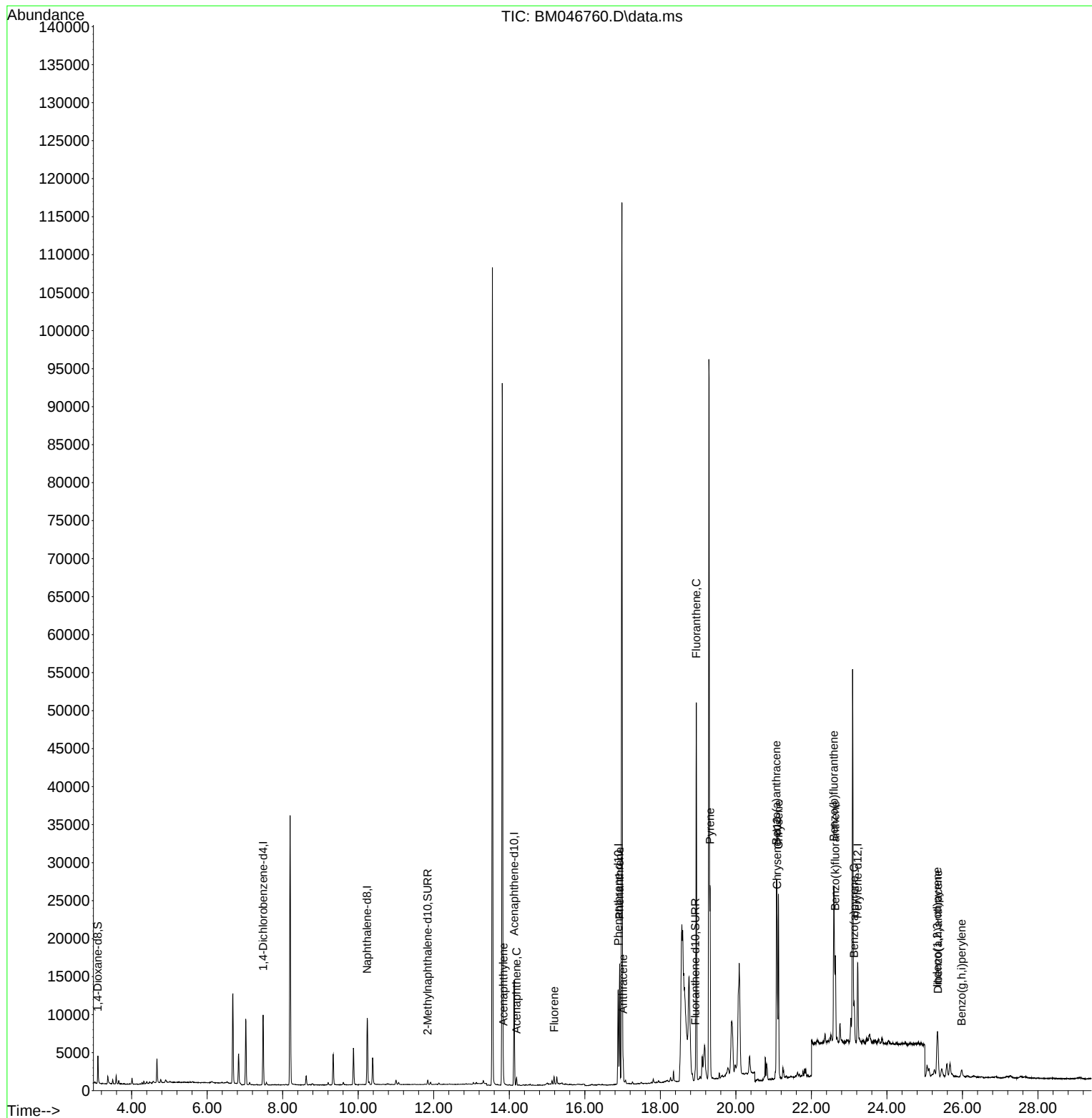
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046760.D
Acq On : 22 Jul 2024 22:54
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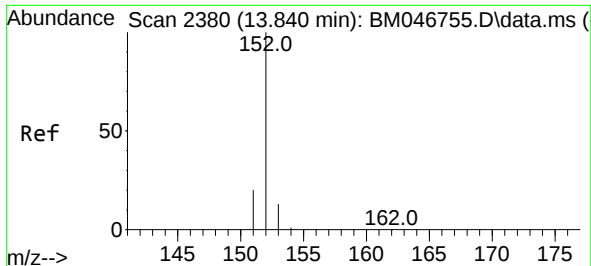
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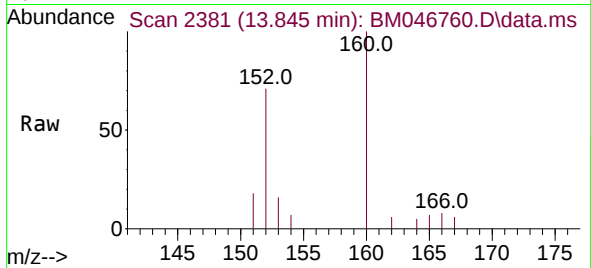
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.036 ng/u1
RT: 13.845 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

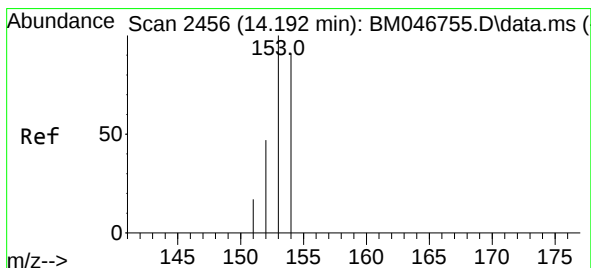
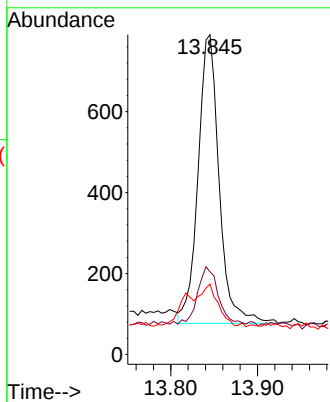
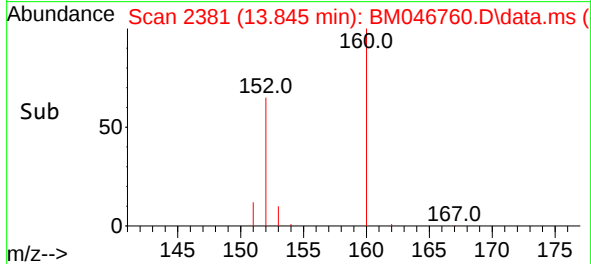
Instrument :
BNA_M
ClientSampleId :
A4BY8DL



Tgt Ion:152 Resp: 120
Ion Ratio Lower Upper
152 100
151 25.8 16.4 24.6
153 22.0 12.4 18.6

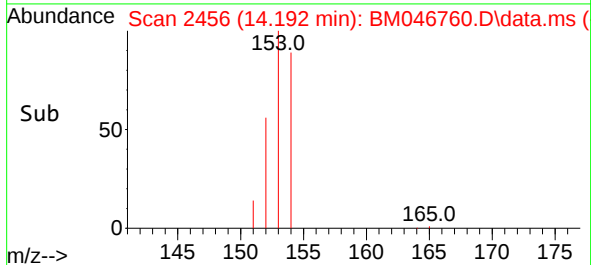
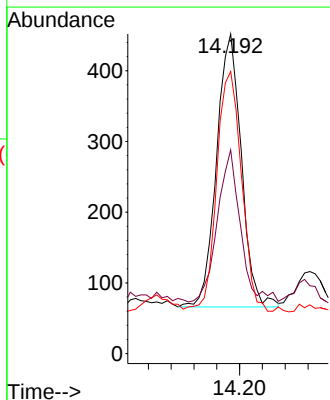
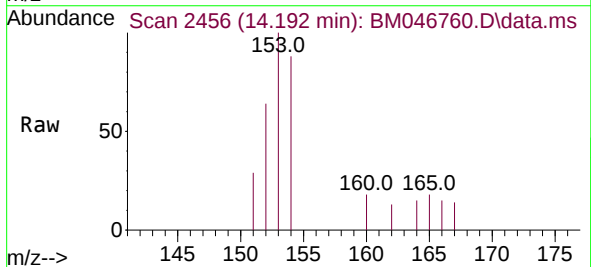
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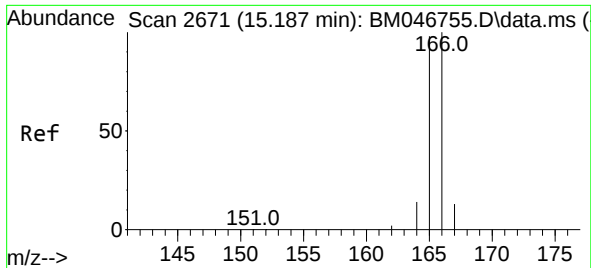
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.192 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

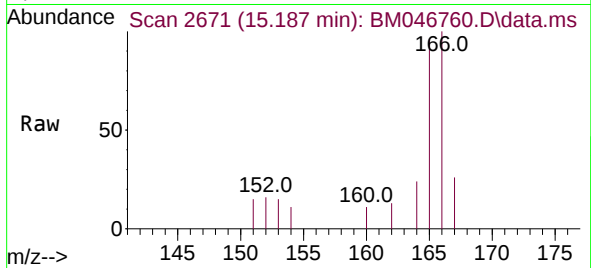
Tgt Ion:153 Resp: 582
Ion Ratio Lower Upper
153 100
152 63.7 43.0 64.6
154 88.3 69.9 104.9





#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.187 min Scan# 2671
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

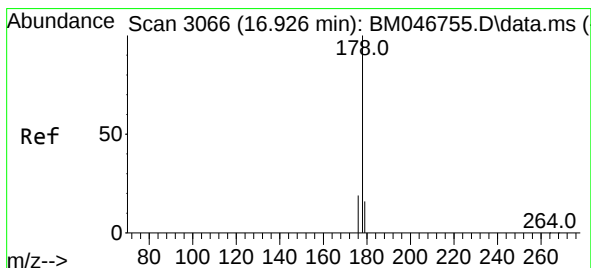
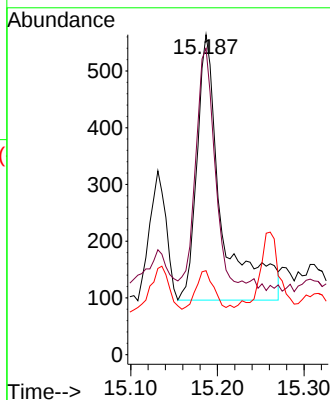
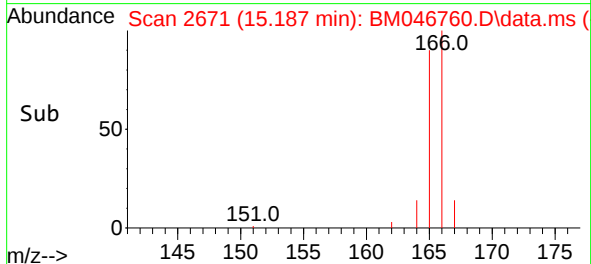
Instrument :
BNA_M
ClientSampleId :
A4BY8DL



Tgt Ion:166 Resp: 928
Ion Ratio Lower Upper
166 100
165 95.7 76.1 114.1
167 26.2 12.5 18.7

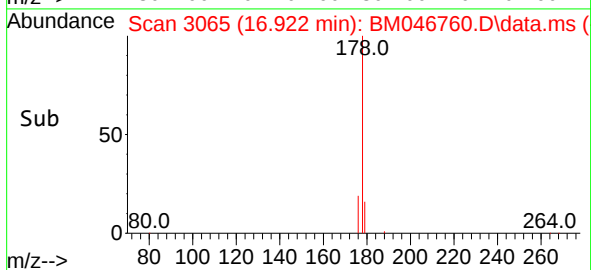
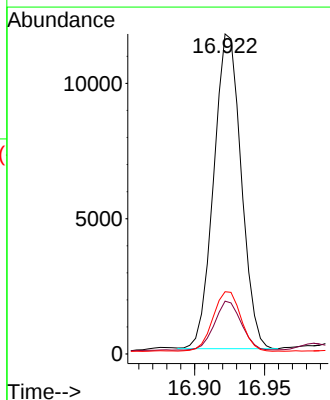
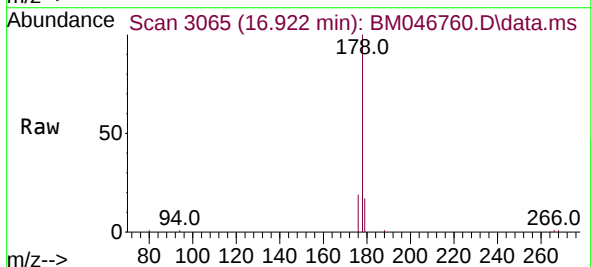
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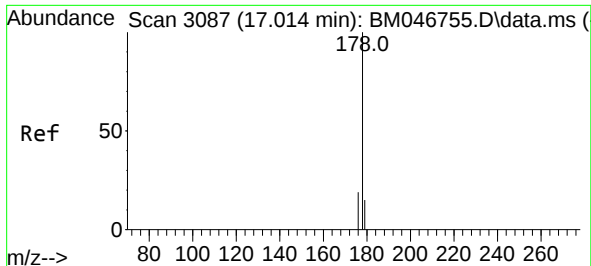
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 16.922 min Scan# 3065
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

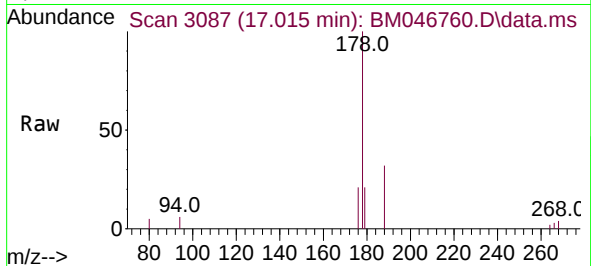
Tgt Ion:178 Resp: 15891
Ion Ratio Lower Upper
178 100
179 16.5 13.1 19.7
176 19.5 16.0 24.0





#16
Anthracene
Concen: 0.072 ng/ul
RT: 17.015 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

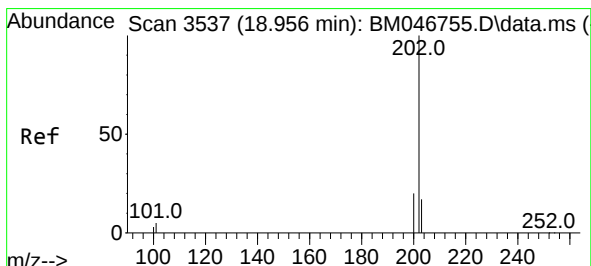
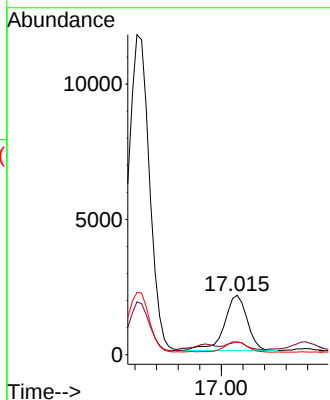
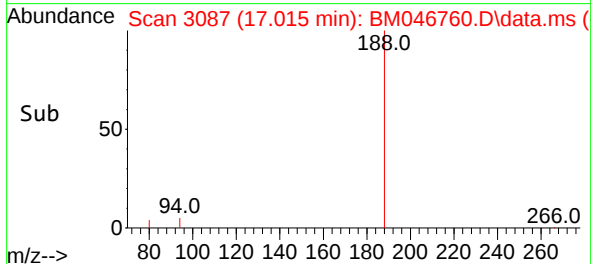
Instrument :
BNA_M
ClientSampleId :
A4BY8DL



Tgt Ion:178 Resp: 3050
Ion Ratio Lower Upper
178 100
179 21.4 13.5 20.3
176 21.1 15.7 23.5

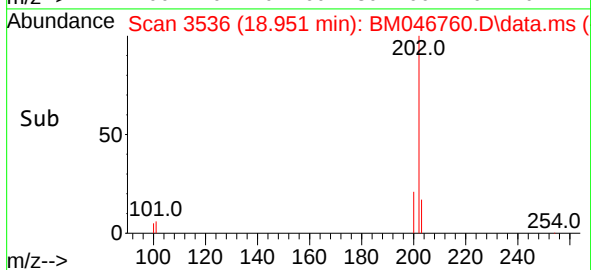
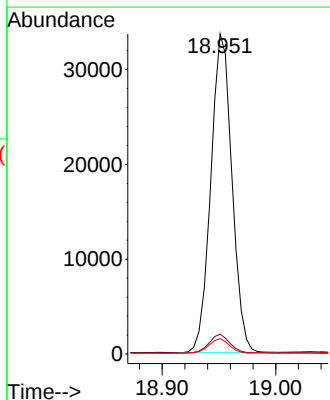
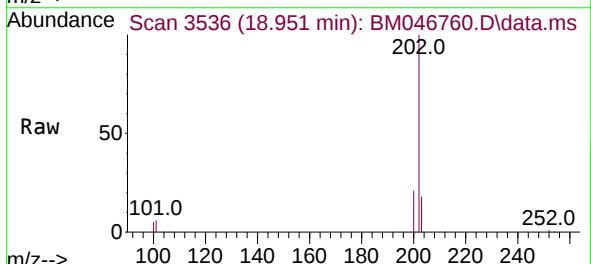
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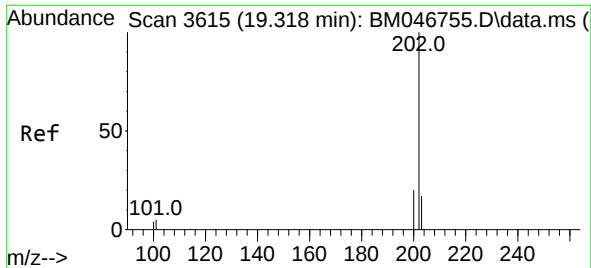
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#19
Fluoranthene
Concen: 0.784 ng/ul
RT: 18.951 min Scan# 3536
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

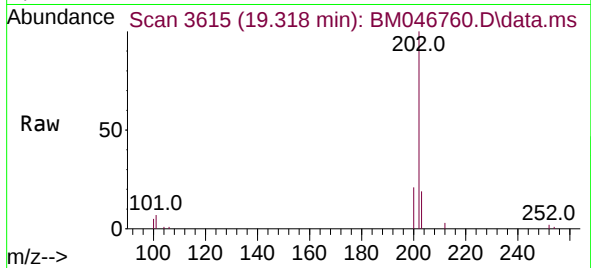
Tgt Ion:202 Resp: 43439
Ion Ratio Lower Upper
202 100
101 6.2 4.6 6.8
100 4.8 3.0 4.6#





#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.318 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

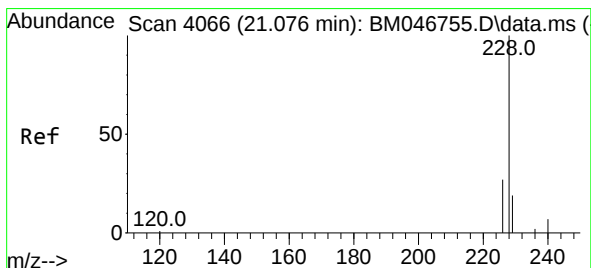
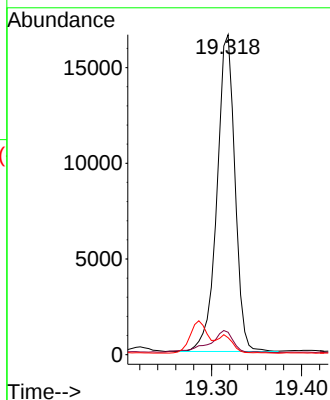
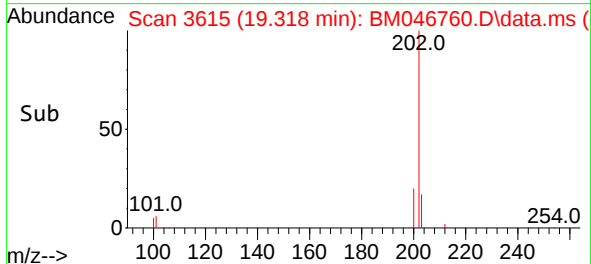
Instrument :
BNA_M
ClientSampleId :
A4BY8DL



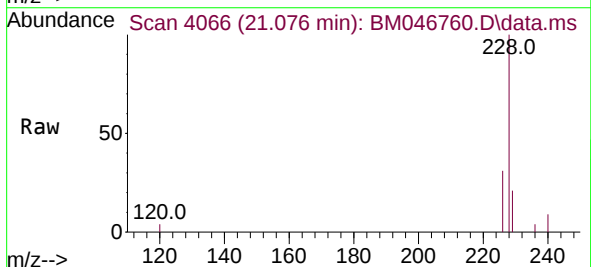
Tgt Ion:202 Resp: 22880
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.3 3.8 5.6

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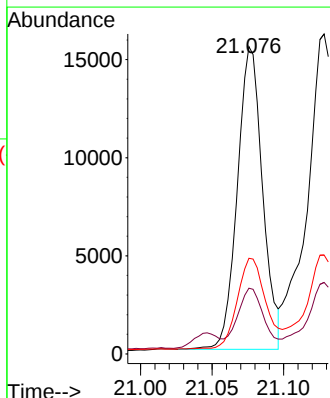
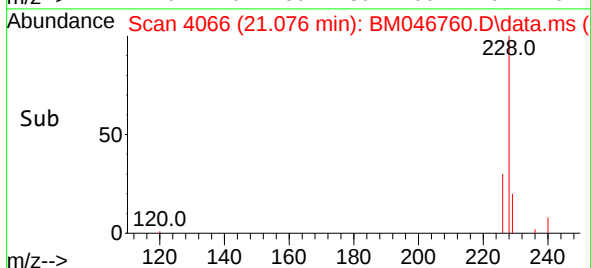
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

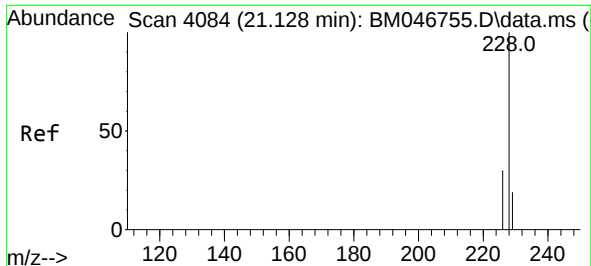


#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54



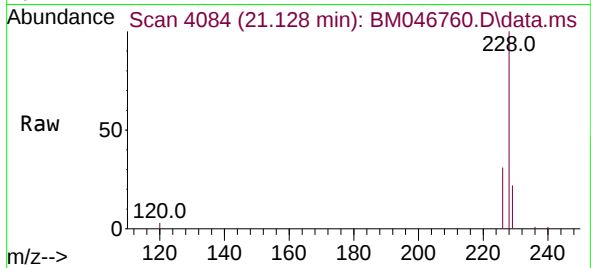
Tgt Ion:228 Resp: 18976
Ion Ratio Lower Upper
228 100
229 21.4 16.5 24.7
226 31.1 22.5 33.7





#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

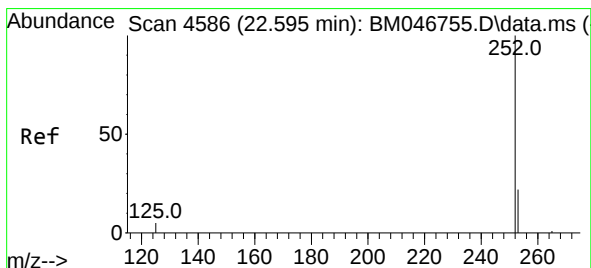
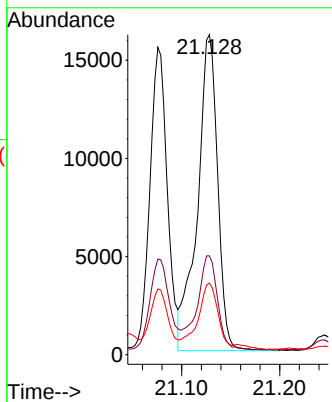
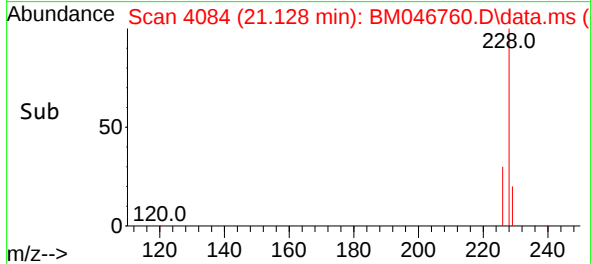
Instrument :
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Tgt Ion:228 Resp: 23020
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.4 16.4 24.6

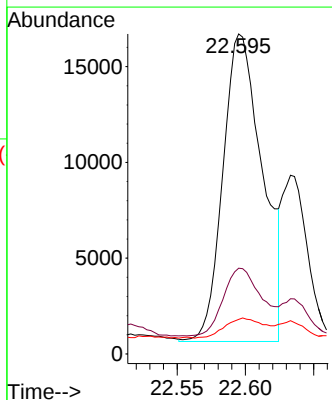
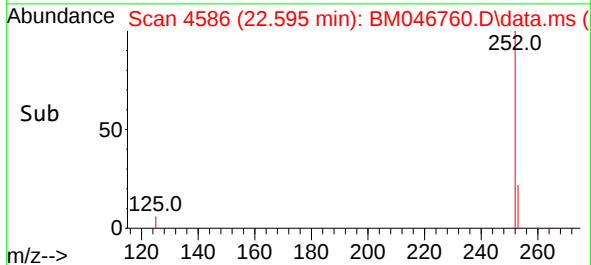
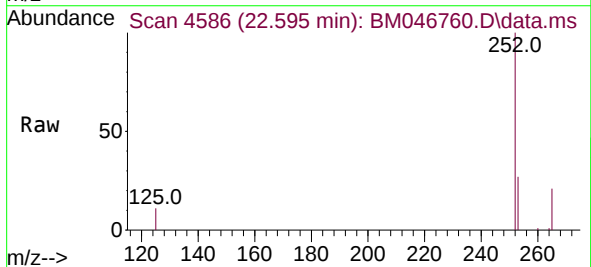
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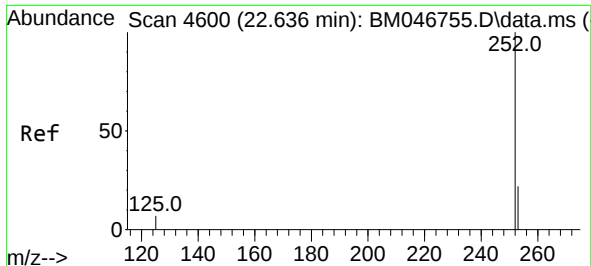
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#24
Benzo(b)fluoranthene
Concen: 0.648 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

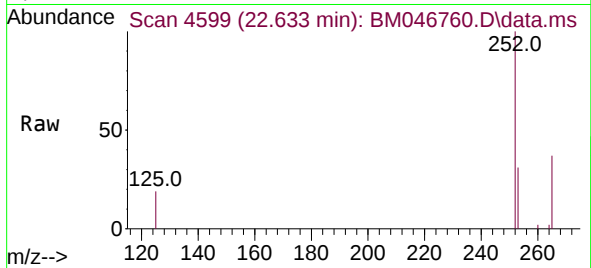
Tgt Ion:252 Resp: 32350
Ion Ratio Lower Upper
252 100
253 26.8 0.0 56.2
125 10.8 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.231 ng/ul m
RT: 22.633 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

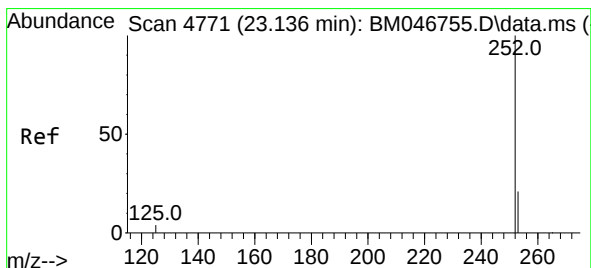
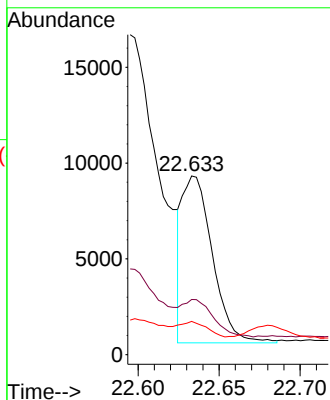
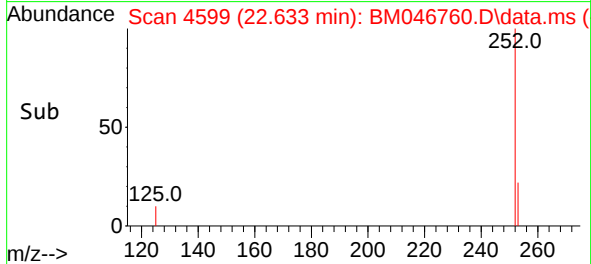
Instrument :
BNA_M
ClientSampleId :
A4BY8DL



Tgt Ion:252 Resp: 1130
Ion Ratio Lower Upper
252 100
253 30.8 22.4 33.6
125 18.7 7.0 10.4

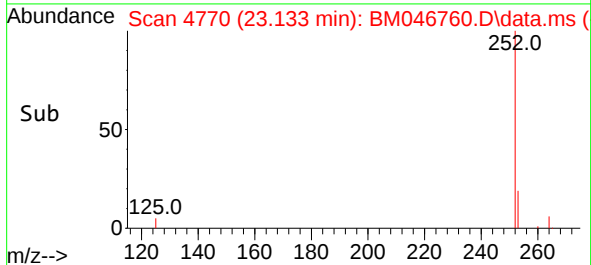
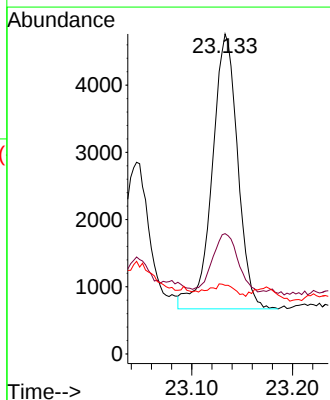
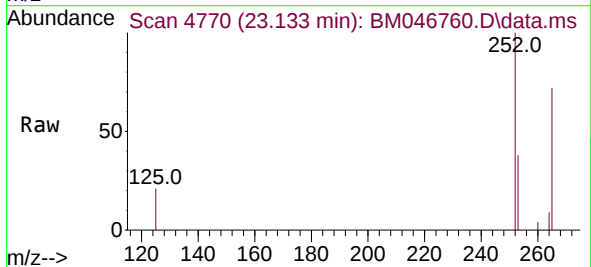
Manual Integrations
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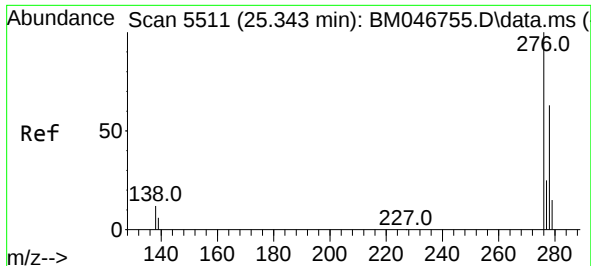
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#26
Benzo(a)pyrene
Concen: 0.175 ng/ul
RT: 23.133 min Scan# 4770
Delta R.T. -0.006 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

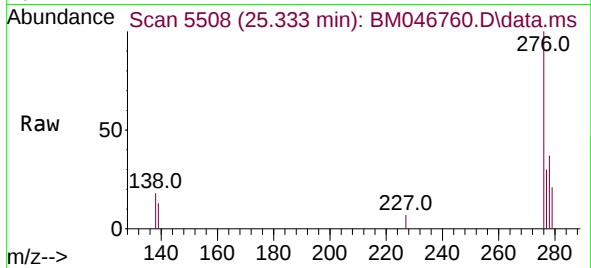
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Ion Ratio Lower Upper
252 100
253 37.6 24.0 36.0#
125 21.4 8.2 12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 25.333 min Scan# 5508
Delta R.T. -0.014 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

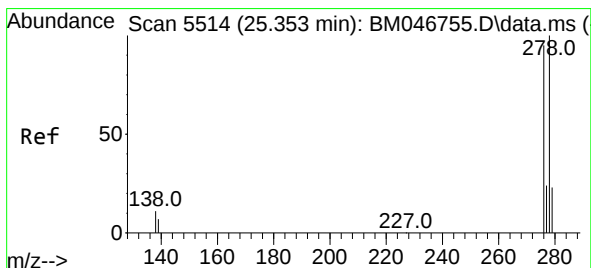
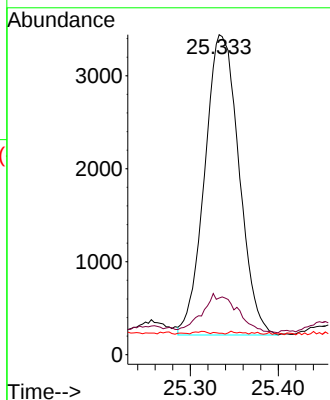
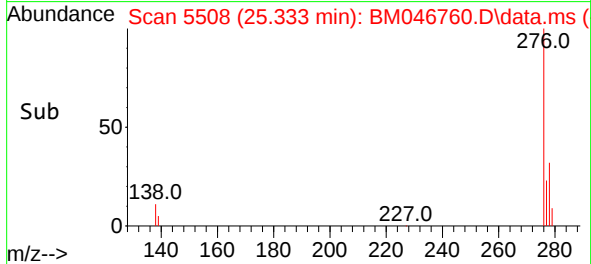
Instrument :
BNA_M
ClientSampleId :
A4BY8DL



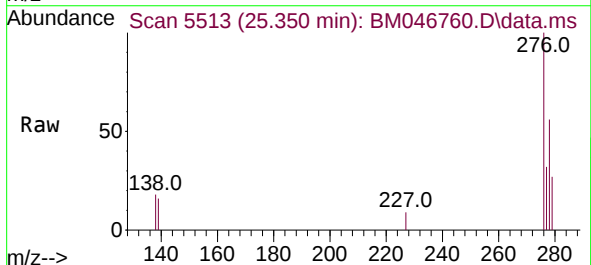
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Ion Ratio Lower Upper
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138 13.4 0.0 0.0#
227 0.0 0.2 0.2#

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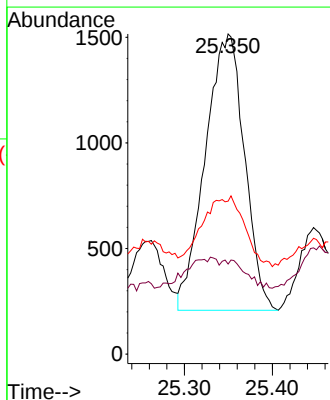
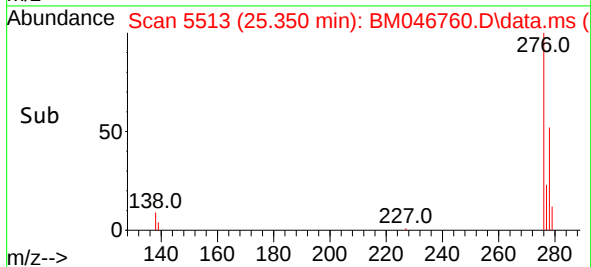
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

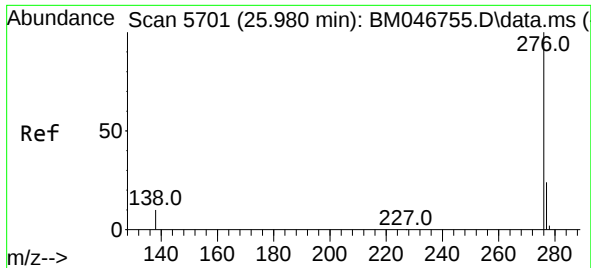


#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 25.350 min Scan# 5513
Delta R.T. -0.011 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54



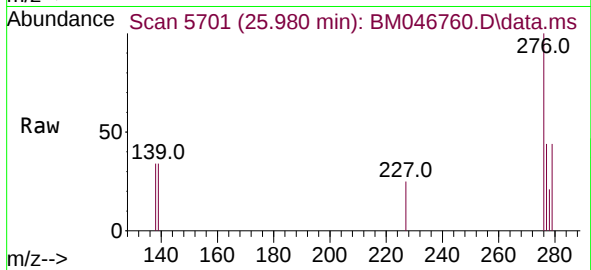
Tgt Ion: 278 Resp: 4051
Ion Ratio Lower Upper
278 100
139 28.1 9.1 13.7#
279 47.8 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 25.980 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046760.D
Acq: 22 Jul 2024 22:54

Instrument :
BNA_M
ClientSampleId :
A4BY8DL



Tgt Ion:276 Resp: 2279
Ion Ratio Lower Upper
276 100
138 33.6 10.2 15.4
277 43.9 20.9 31.3

Manual Integrations
APPROVED

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