

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046764.D
 Acq On : 23 Jul 2024 01:19
 Operator : MA/JU
 Sample : P3201-05DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BZ3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 02:17:17 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	3703	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	9548	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.123	164	6011	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	12315	0.400	ng/ul	0.00
17) Chrysene-d12	21.087	240	10095	0.400	ng/ul #	0.00
23) Perylene-d12	23.221	264	11556	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1523	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	575	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.918	212	1147	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.841	152	1185	0.043	ng/ul#	87
11) Acenaphthene	14.188	153	478	0.026	ng/ul	96
12) Fluorene	15.182	166	614	0.027	ng/ul#	94
15) Phenanthrene	16.922	178	16035	0.456	ng/ul	100
16) Anthracene	17.010	178	2870	0.084	ng/ul	95
19) Fluoranthene	18.951	202	45858	1.106	ng/ul	99
20) Pyrene	19.314	202	24510	0.546	ng/ul	99
21) Benzo(a)anthracene	21.070	228	18316	0.410	ng/ul	99
22) Chrysene	21.122	228	22984	0.532	ng/ul	98
24) Benzo(b)fluoranthene	22.589	252	33865m	0.734	ng/ul	
25) Benzo(k)fluoranthene	22.624	252	12715m	0.281	ng/ul	
26) Benzo(a)pyrene	23.124	252	7545	0.199	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.326	276	9779	0.169	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.339	278	4105	0.090	ng/ul#	65
29) Benzo(g,h,i)perylene	25.970	276	1416	0.031	ng/ul#	54

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

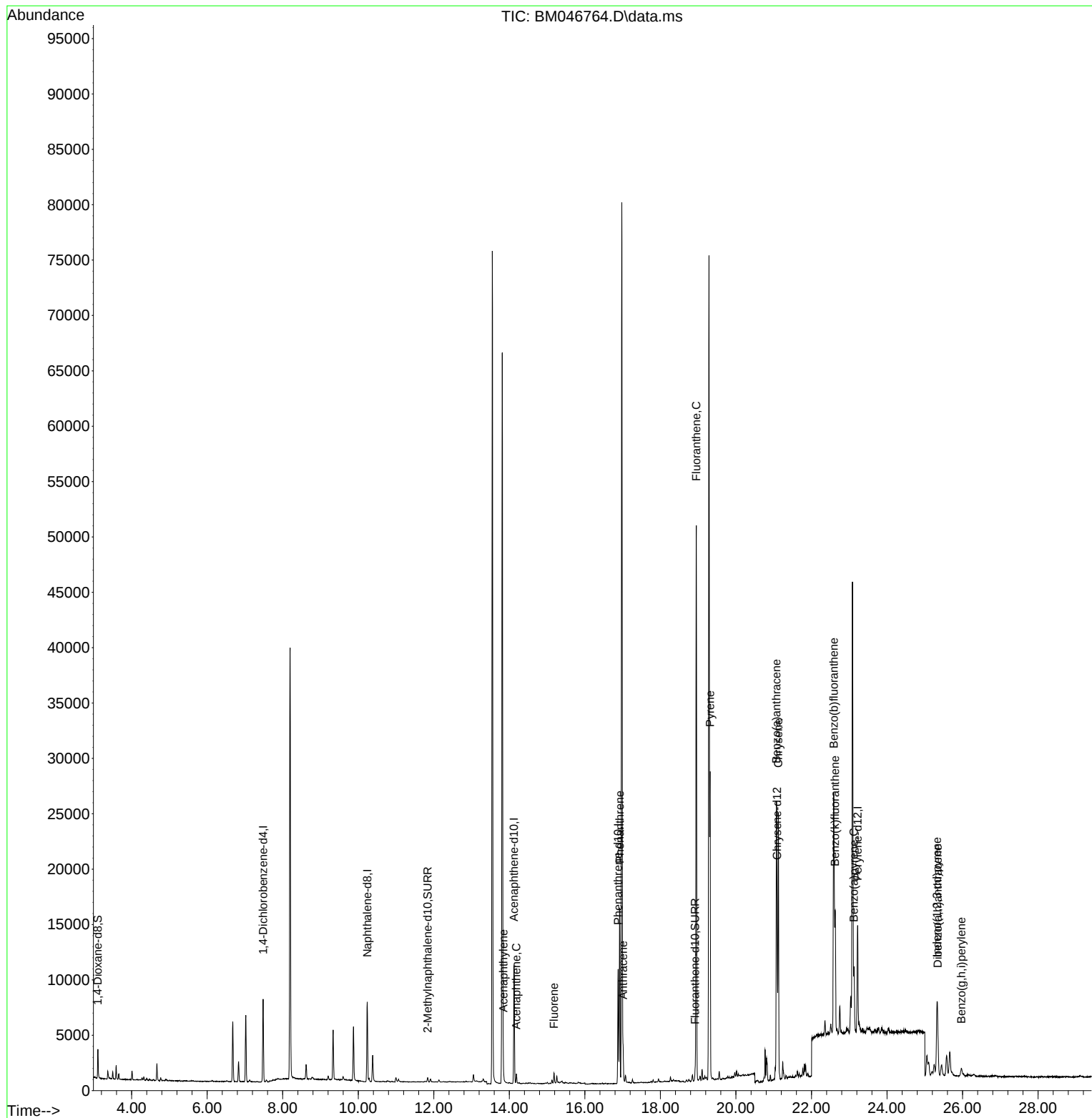
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046764.D
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ALS Vial : 21 Sample Multiplier: 1

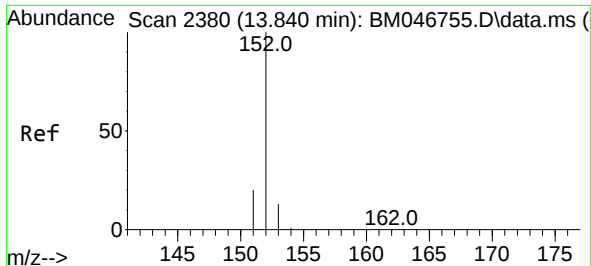
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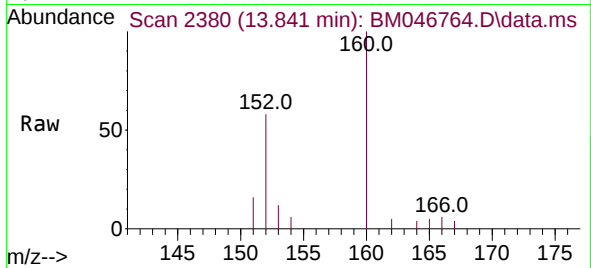
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.841 min Scan# 2188
Delta R.T. -0.008 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19

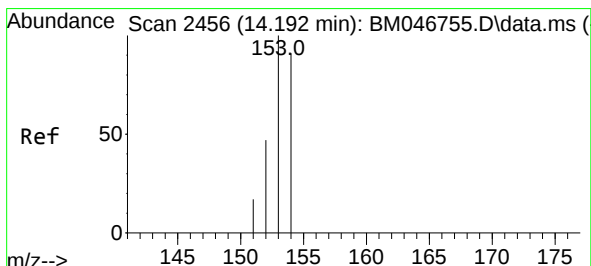
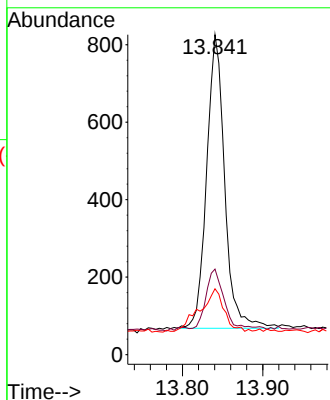
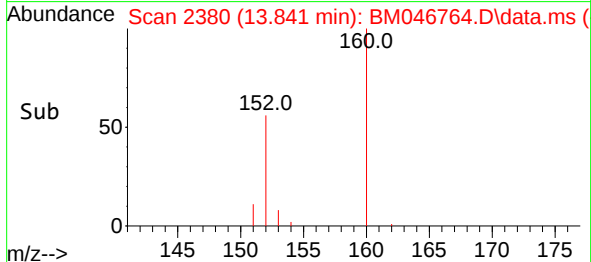
Instrument :
BNA_M
ClientSampleId :
A4BZ3DL



Tgt Ion:152 Resp: 1188
Ion Ratio Lower Upper
152 100
151 26.8 16.4 24.6
153 20.6 12.4 18.6

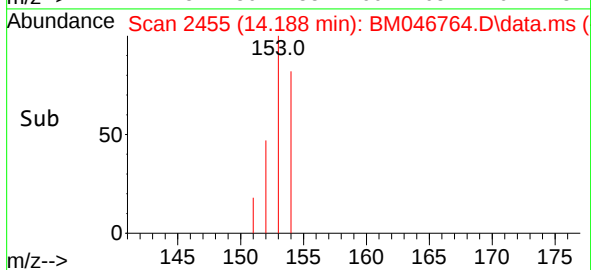
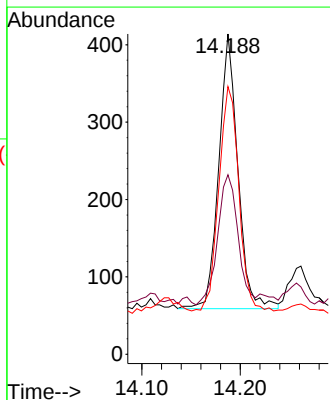
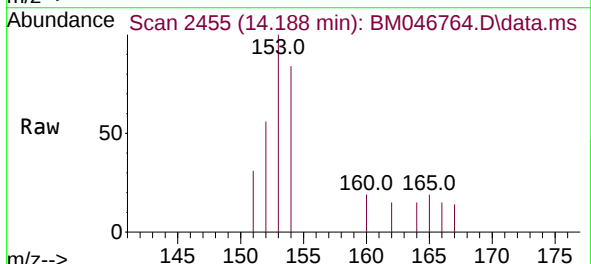
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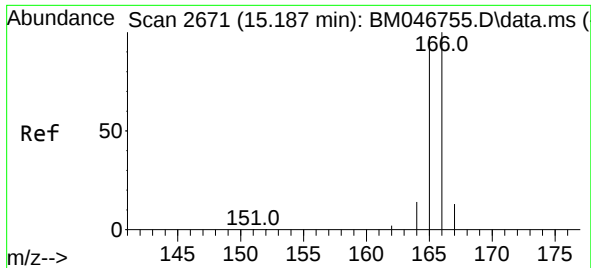
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19

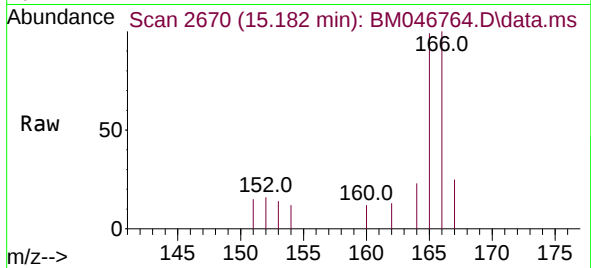
Tgt Ion:153 Resp: 478
Ion Ratio Lower Upper
153 100
152 56.0 43.0 64.6
154 83.6 69.9 104.9





#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19

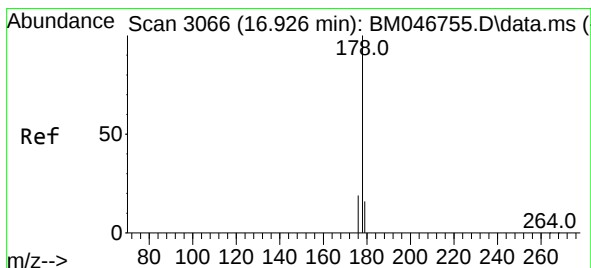
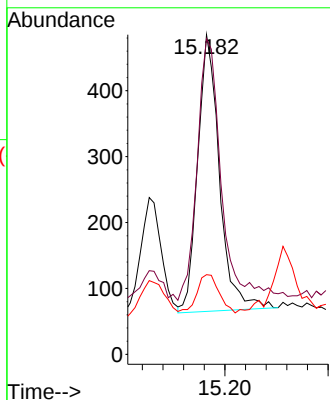
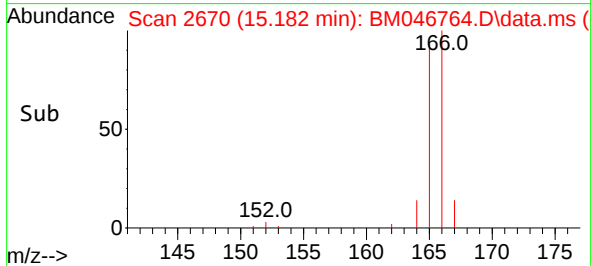
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Tgt Ion:166 Resp: 614
Ion Ratio Lower Upper
166 100
165 98.8 76.1 114.1
167 24.9 12.5 18.7

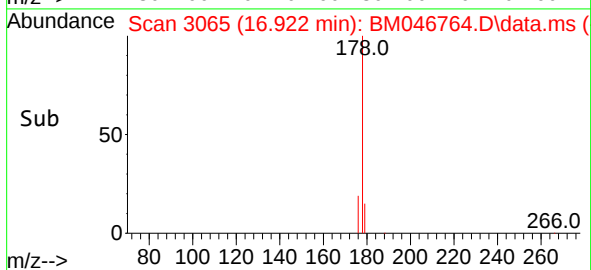
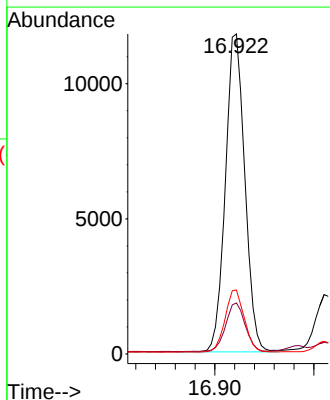
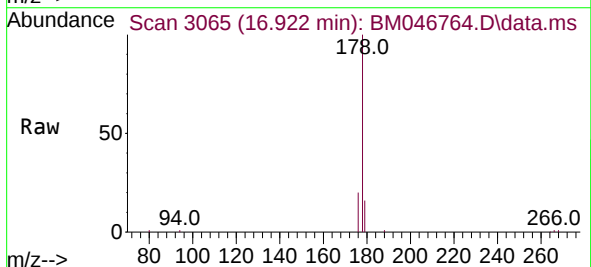
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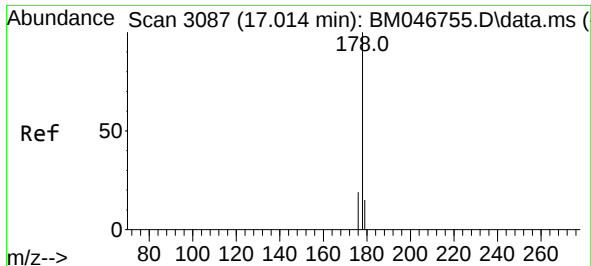
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#15
Phenanthrene
Concen: 0.456 ng/ul
RT: 16.922 min Scan# 3065
Delta R.T. -0.003 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19

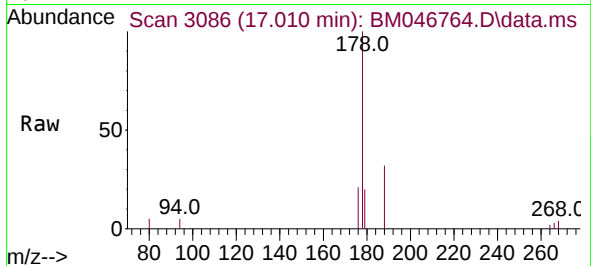
Tgt Ion:178 Resp: 16035
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.084 ng/ul
 RT: 17.010 min Scan# 3087
 Delta R.T. -0.007 min
 Lab File: BM046764.D
 Acq: 23 Jul 2024 01:19

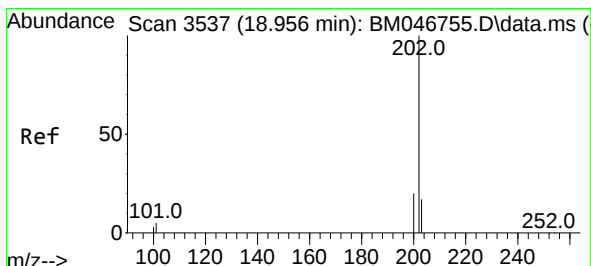
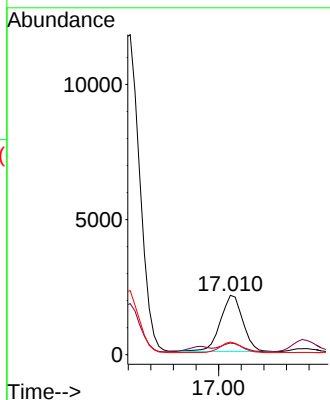
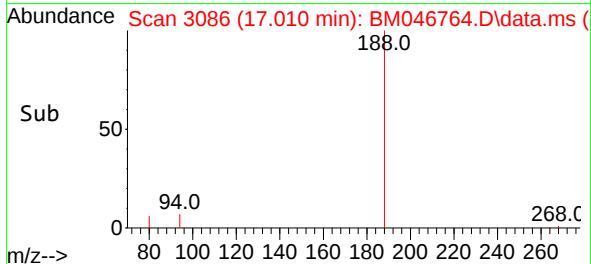
Instrument :
 BNA_M
 ClientSampleId :
 A4BZ3DL



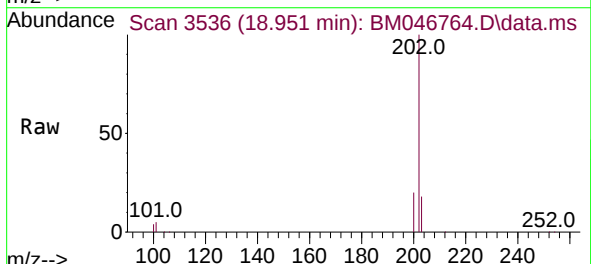
Tgt Ion:178 Resp: 2870
 Ion Ratio Lower Upper
 178 100
 179 19.6 13.5 20.3
 176 21.4 15.7 23.5

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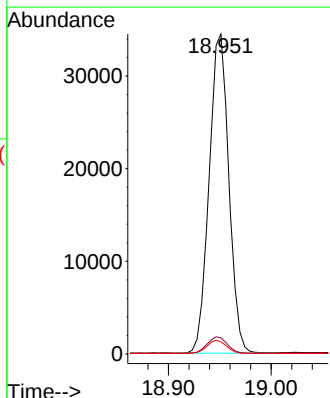
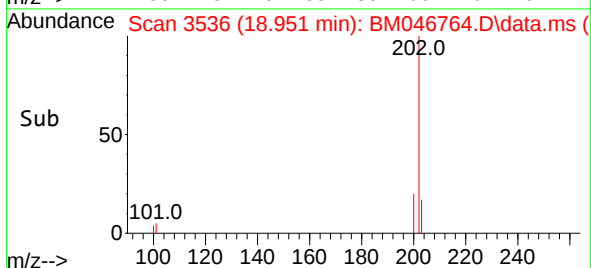
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

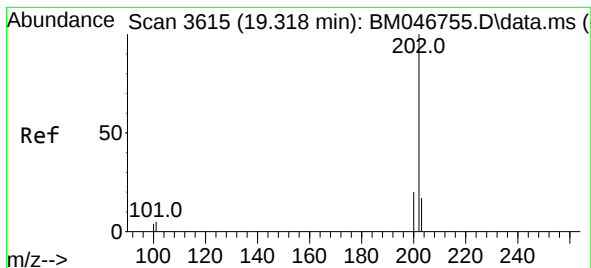


#19
 Fluoranthene
 Concen: 1.106 ng/ul
 RT: 18.951 min Scan# 3536
 Delta R.T. -0.003 min
 Lab File: BM046764.D
 Acq: 23 Jul 2024 01:19



Tgt Ion:202 Resp: 45858
 Ion Ratio Lower Upper
 202 100
 101 5.1 4.6 6.8
 100 3.8 3.0 4.6





#20

Pyrene

Concen: 0.546 ng/ul

RT: 19.314 min Scan# 30

Delta R.T. -0.008 min

Lab File: BM046764.D

Acq: 23 Jul 2024 01:19

Instrument :

BNA_M

ClientSampleId :

A4BZ3DL

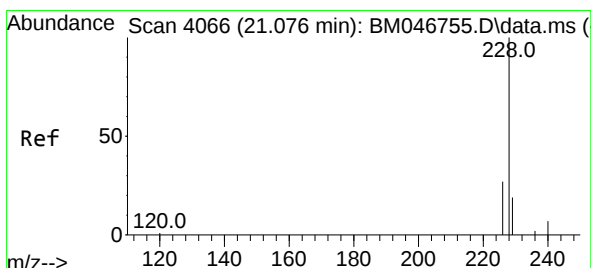
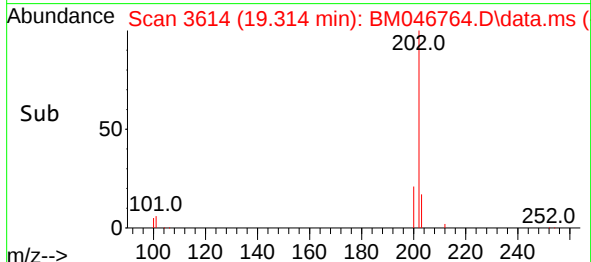
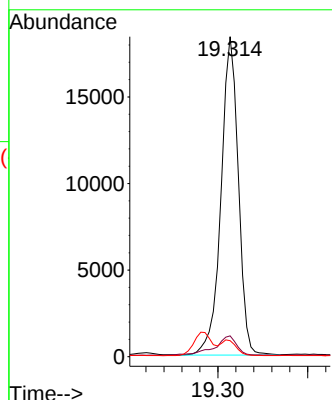
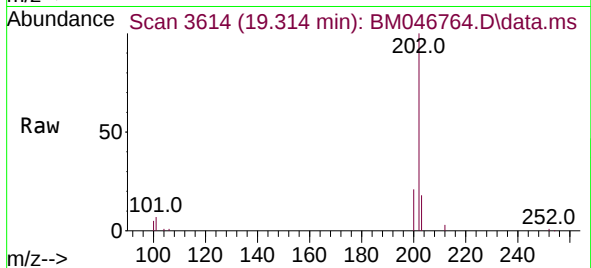
Tgt Ion:	202	Resp:	24510
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.1	7.7
100	5.0	3.8	5.6

Manual Integrations

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Supervised By :mohammad ahmed 07/23/2024



#21

Benzo(a)anthracene

Concen: 0.410 ng/ul

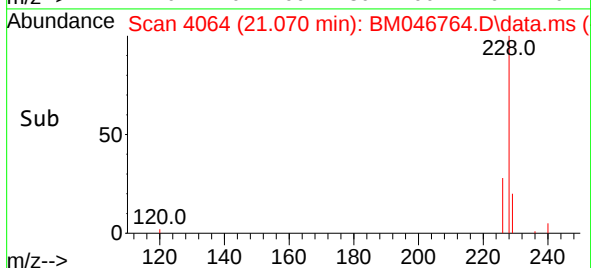
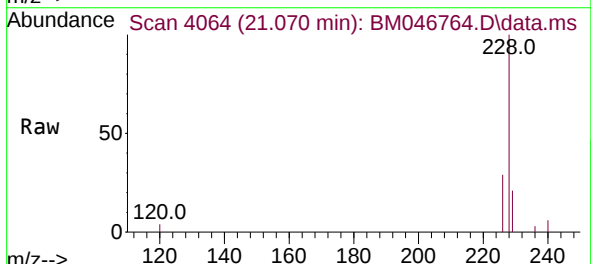
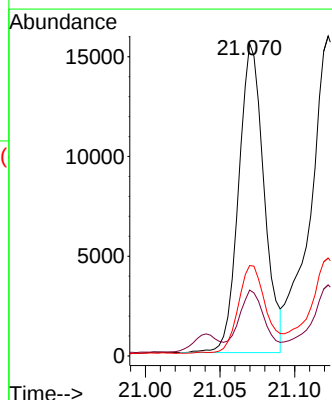
RT: 21.070 min Scan# 4064

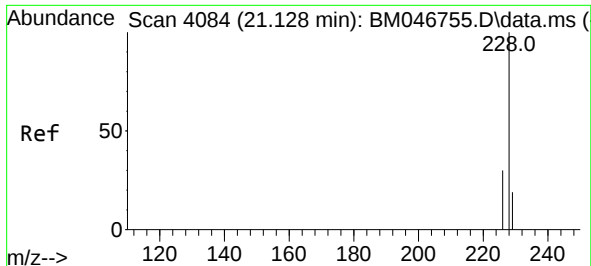
Delta R.T. -0.009 min

Lab File: BM046764.D

Acq: 23 Jul 2024 01:19

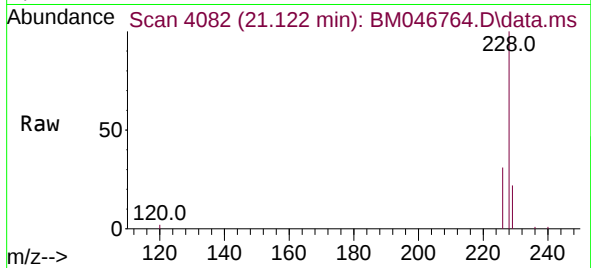
Tgt Ion:	228	Resp:	18316
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.5	24.7
226	29.0	22.5	33.7





#22
Chrysene
Concen: 0.532 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19

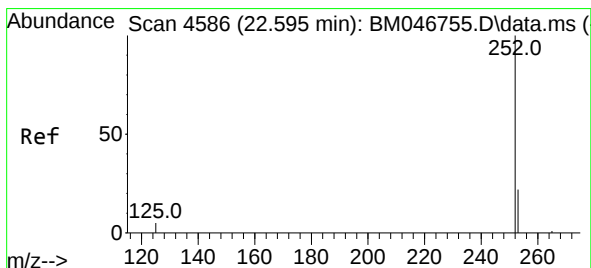
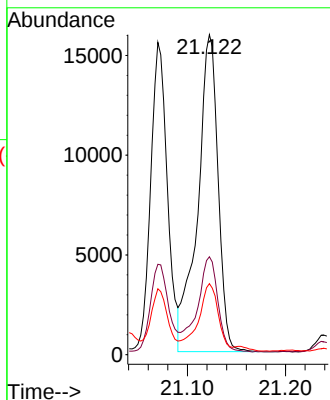
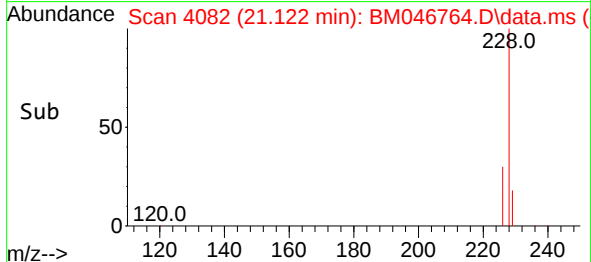
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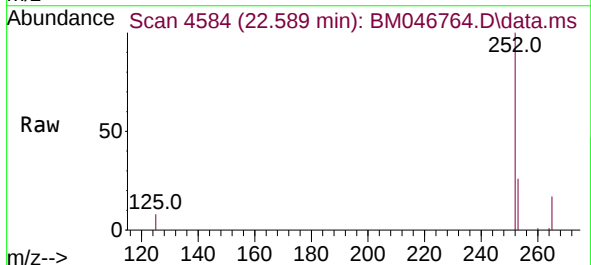
Tgt Ion:228 Resp: 22984
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.2 16.4 24.6

Manual Integrations
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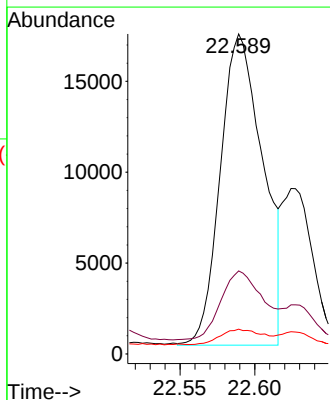
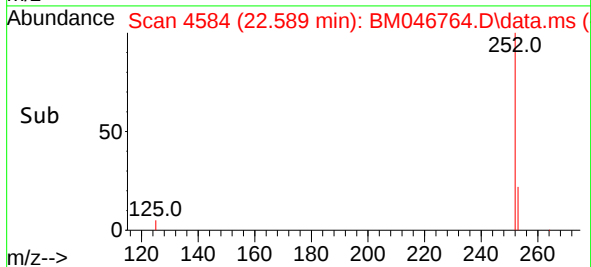
Reviewed By :Yogesh Patel 07/23/2024
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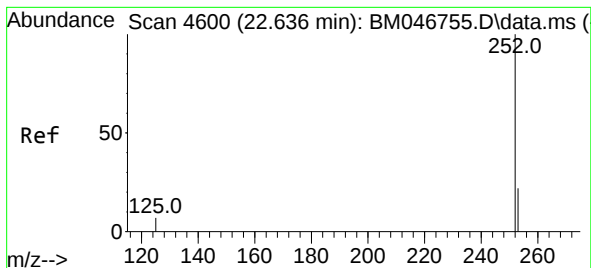


#24
Benzo(b)fluoranthene
Concen: 0.734 ng/ul m
RT: 22.589 min Scan# 4584
Delta R.T. -0.009 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19



Tgt Ion:252 Resp: 33865
Ion Ratio Lower Upper
252 100
253 25.9 0.0 56.2
125 7.8 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.281 ng/ul m

RT: 22.624 min Scan# 4

Delta R.T. -0.015 min

Lab File: BM046764.D

Acq: 23 Jul 2024 01:19

Instrument :

BNA_M

ClientSampleId :

A4BZ3DL

Tgt Ion:252 Resp: 12715

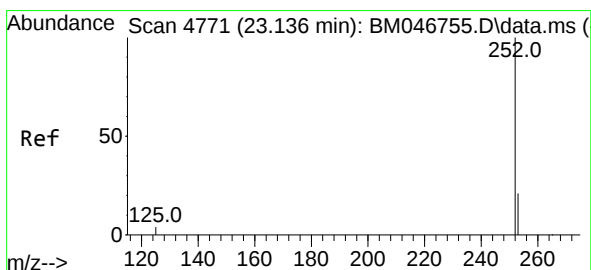
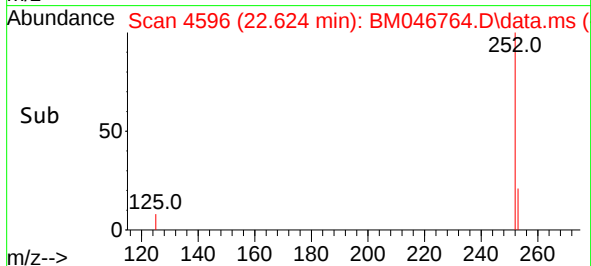
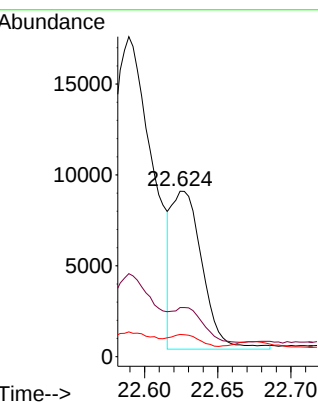
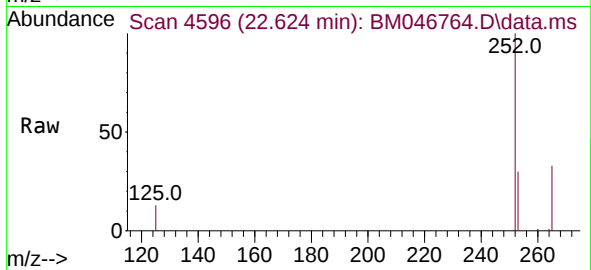
Ion	Ratio	Lower	Upper
252	100		
253	29.7	22.4	33.6
125	13.4	7.0	10.4

Manual Integrations

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Supervised By :mohammad ahmed 07/23/2024



#26

Benzo(a)pyrene

Concen: 0.199 ng/ul

RT: 23.124 min Scan# 4767

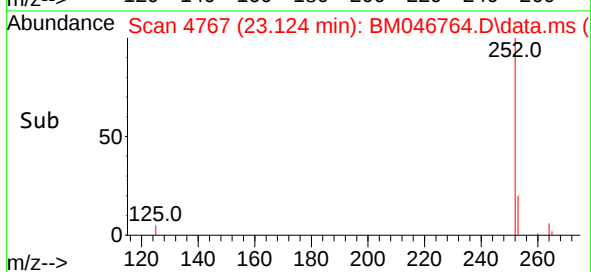
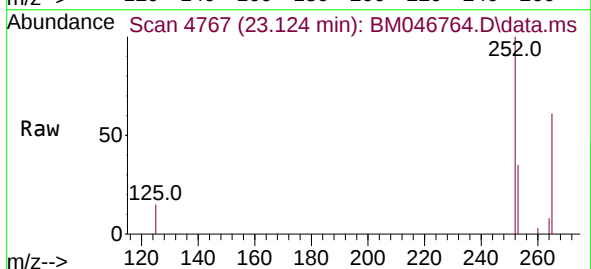
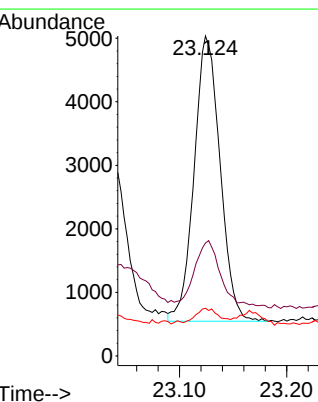
Delta R.T. -0.015 min

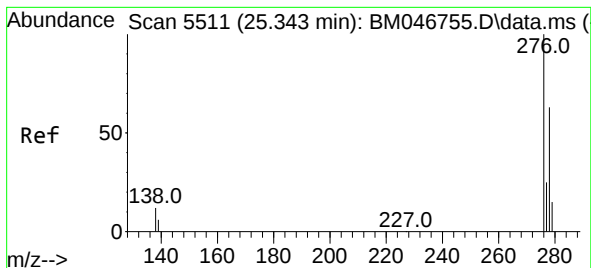
Lab File: BM046764.D

Acq: 23 Jul 2024 01:19

Tgt Ion:252 Resp: 7545

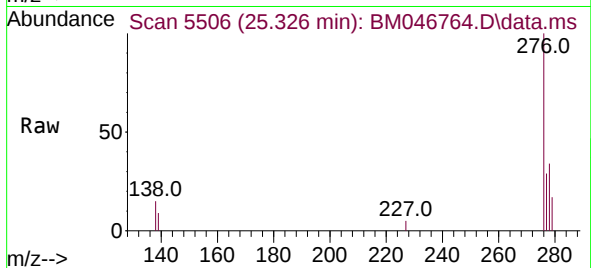
Ion	Ratio	Lower	Upper
252	100		
253	35.3	24.0	36.0
125	14.9	8.2	12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng/ul
RT: 25.326 min Scan# 5506
Delta R.T. -0.021 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19

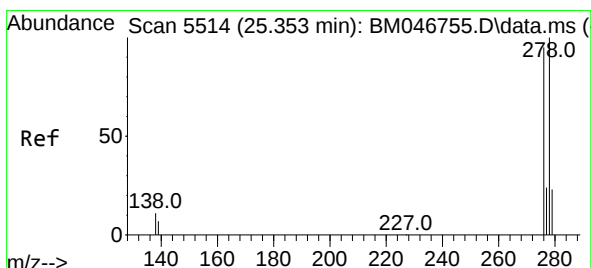
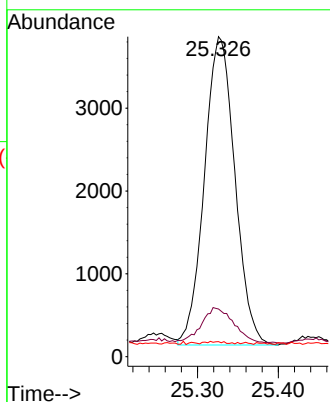
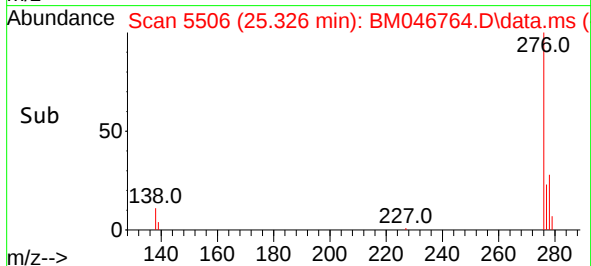
Instrument :
BNA_M
ClientSampleId :
A4BZ3DL



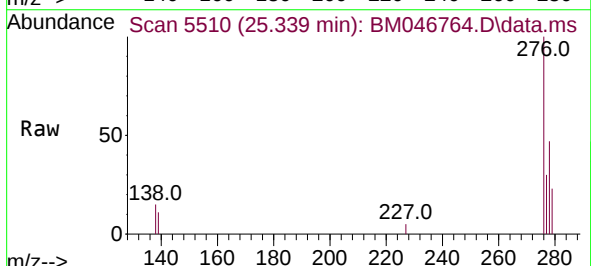
Tgt Ion:276 Resp: 9779
Ion Ratio Lower Upper
276 100
138 12.3 0.0 0.0#
227 0.4 0.2 0.2#

Manual Integrations
APPROVED

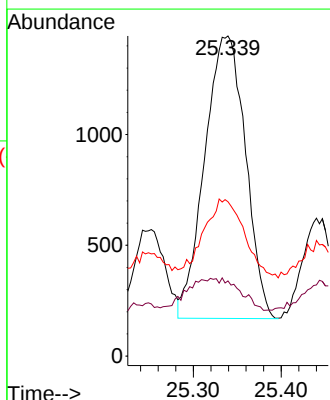
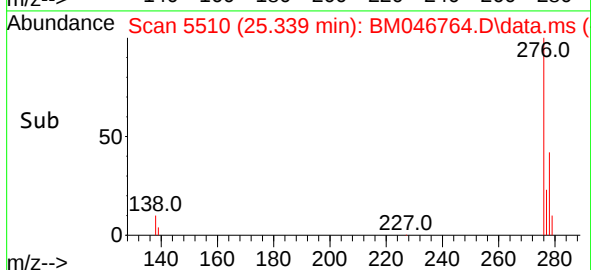
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

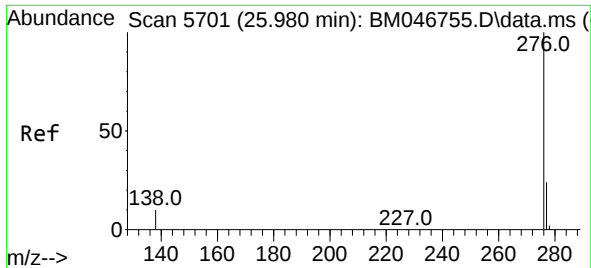


#28
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 25.339 min Scan# 5510
Delta R.T. -0.021 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19



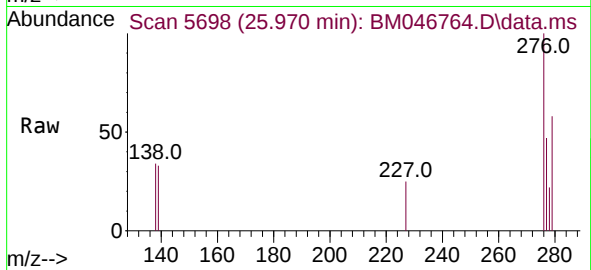
Tgt Ion:278 Resp: 4105
Ion Ratio Lower Upper
278 100
139 23.5 9.1 13.7#
279 48.2 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 25.970 min Scan# 50
Delta R.T. -0.014 min
Lab File: BM046764.D
Acq: 23 Jul 2024 01:19

Instrument :
BNA_M
ClientSampleId :
A4BZ3DL



Tgt Ion:276 Resp: 1410
Ion Ratio Lower Upper
276 100
138 34.0 10.2 15.4
277 47.4 20.9 31.3

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