

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046659.D
 Acq On : 17 Jul 2024 07:44
 Operator : MA/JU
 Sample : P3100-09
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BW7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 08:14:36 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	3166	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	8642	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	5812	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	13124m	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	11385	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	11571m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	7480	2.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	3051	0.219	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	7668	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.304	128	470	0.021	ng/ul#	66
10) Acenaphthylene	13.854	152	1121	0.042	ng/ul#	83
15) Phenanthrene	16.934	178	5505	0.147	ng/ul	98
16) Anthracene	17.027	178	1925	0.053	ng/ul#	90
19) Fluoranthene	18.960	202	13973	0.299	ng/ul#	98
20) Pyrene	19.327	202	12724m	0.251	ng/ul	
21) Benzo(a)anthracene	21.084	228	8058	0.160	ng/ul#	90
22) Chrysene	21.134	228	8150m	0.167	ng/ul	
24) Benzo(b)fluoranthene	22.607	252	10653m	0.230	ng/ul	
25) Benzo(k)fluoranthene	22.642	252	3927m	0.087	ng/ul	
26) Benzo(a)pyrene	23.148	252	6943	0.183	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.353	276	5721	0.099	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.360	278	1458	0.032	ng/ul#	8
29) Benzo(g,h,i)perylene	25.993	276	5534	0.120	ng/ul#	90

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

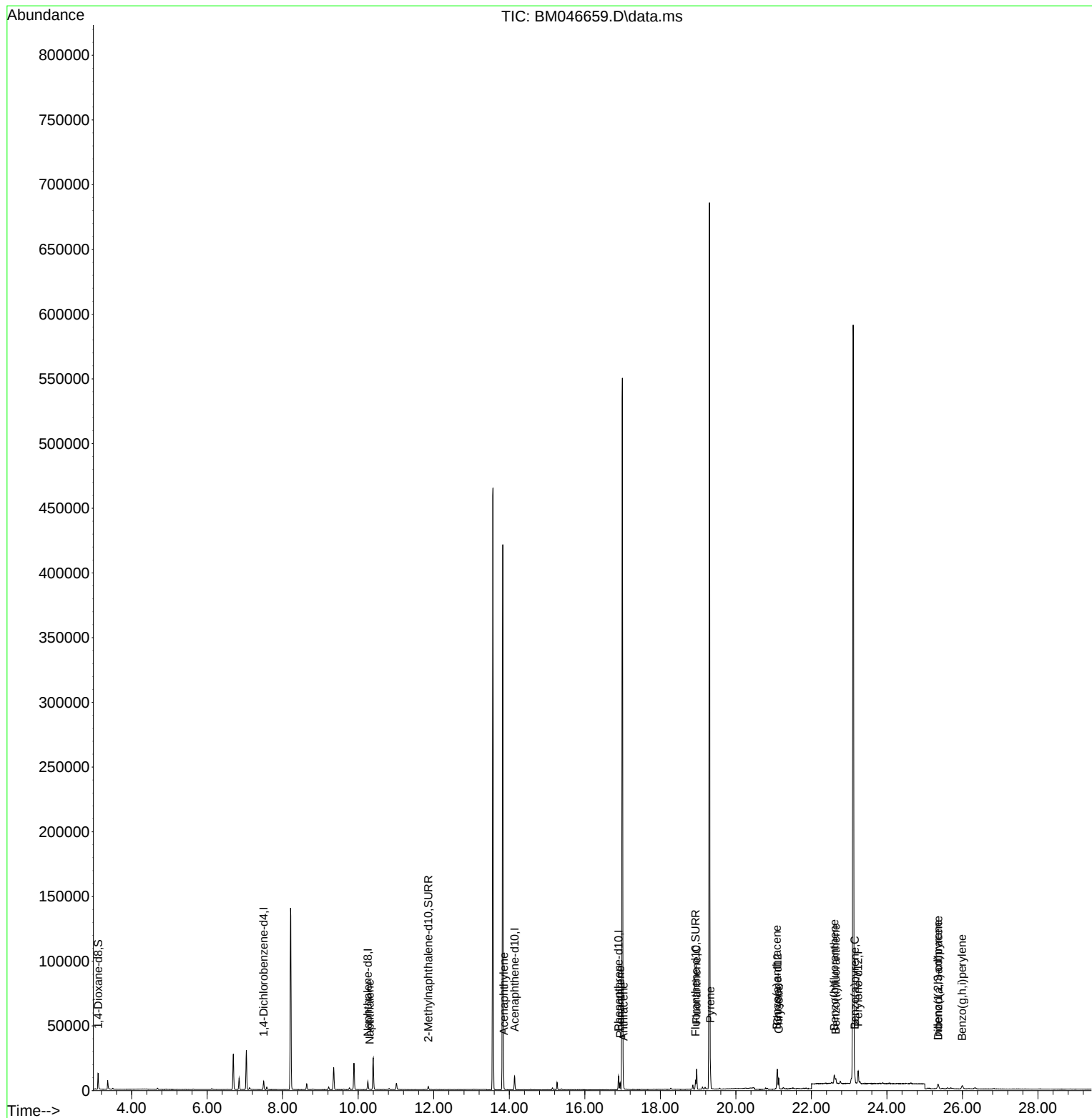
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046659.D
Acq On : 17 Jul 2024 07:44
Operator : MA/JU
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ALS Vial : 72 Sample Multiplier: 1

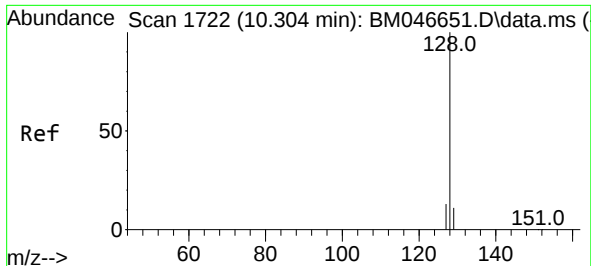
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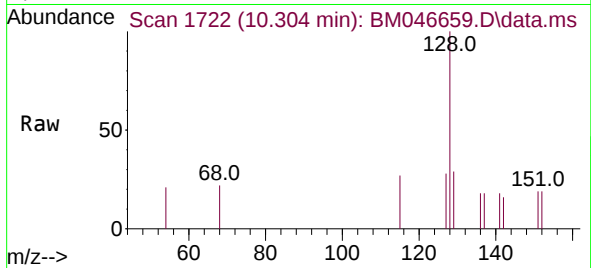
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

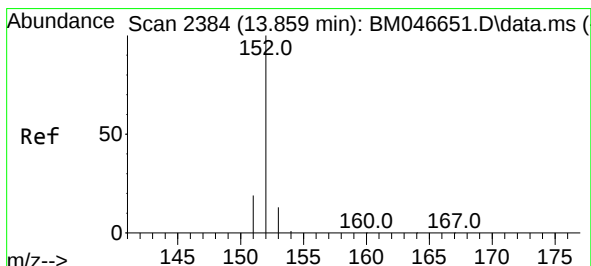
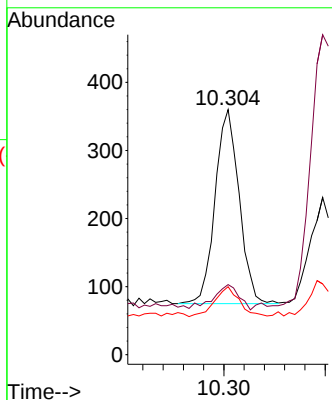
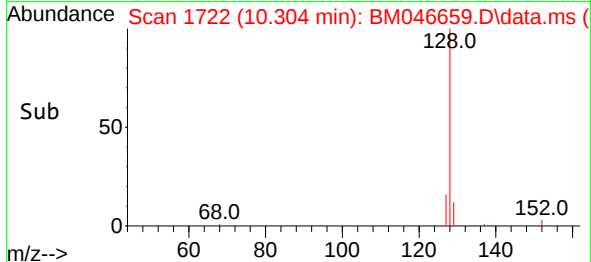
Instrument :
BNA_M
ClientSampleId :
A4BW7



Tgt Ion:128 Resp: 470
Ion Ratio Lower Upper
128 100
129 28.6 10.3 15.5#
127 27.8 12.2 18.4#

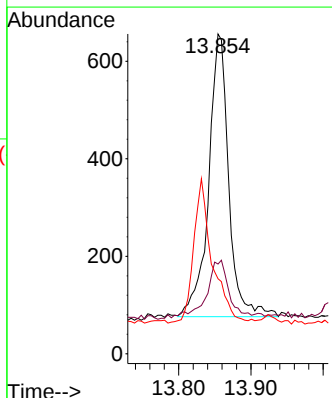
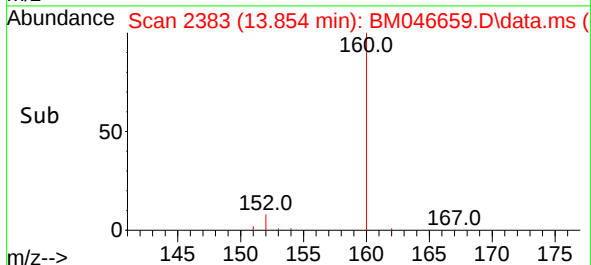
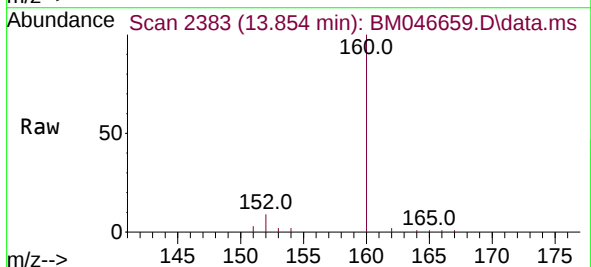
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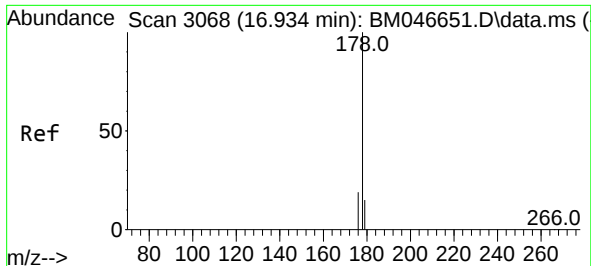
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.854 min Scan# 2383
Delta R.T. -0.010 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

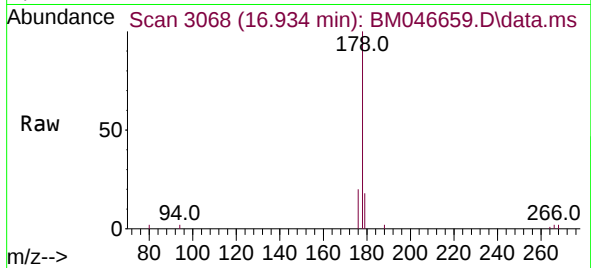
Tgt Ion:152 Resp: 1121
Ion Ratio Lower Upper
152 100
151 28.0 16.4 24.6#
153 23.5 12.4 18.6#





#15
Phenanthrene
Concen: 0.147 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

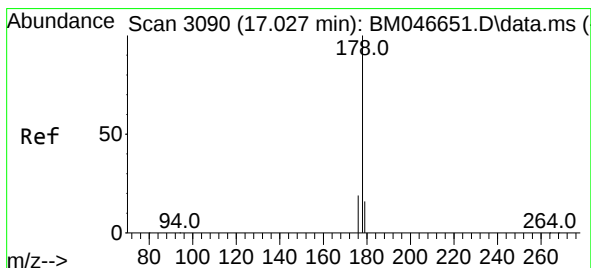
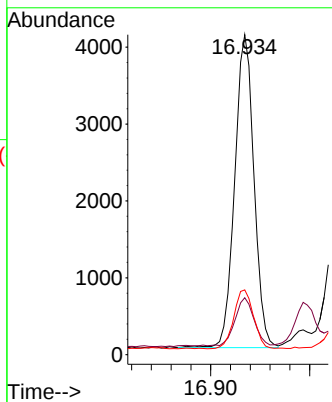
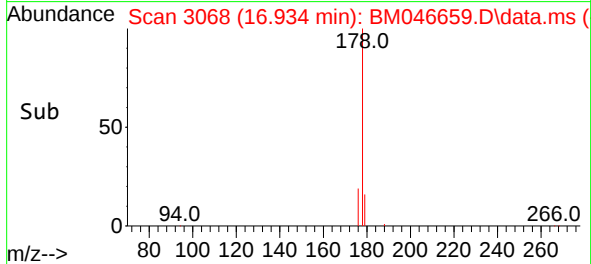
Instrument :
BNA_M
ClientSampleId :
A4BW7



Tgt Ion:178 Resp: 5509
Ion Ratio Lower Upper
178 100
179 17.8 13.1 19.7
176 20.3 16.0 24.0

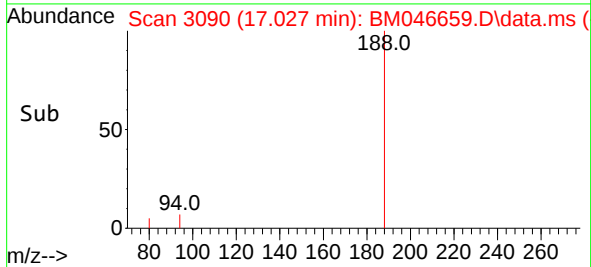
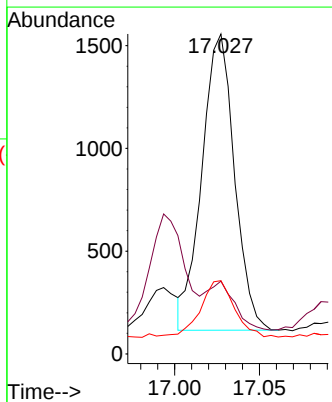
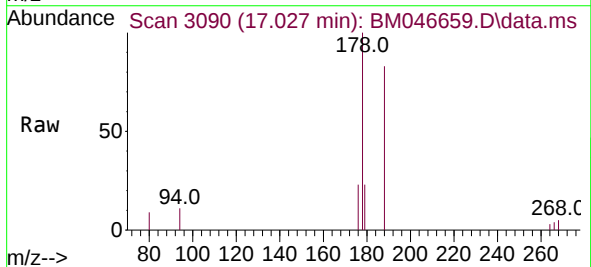
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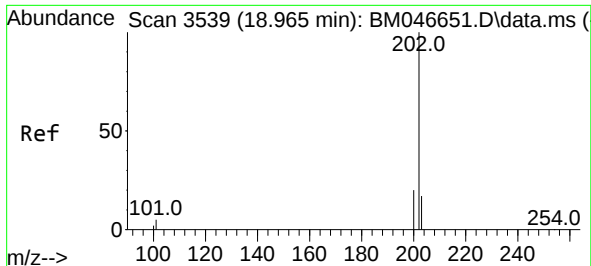
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.053 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

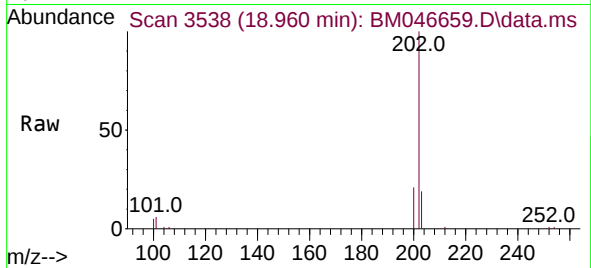
Tgt Ion:178 Resp: 1925
Ion Ratio Lower Upper
178 100
179 22.7 13.5 20.3#
176 22.9 15.7 23.5





#19
Fluoranthene
Concen: 0.299 ng/ul
RT: 18.960 min Scan# 3539
Delta R.T. -0.010 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

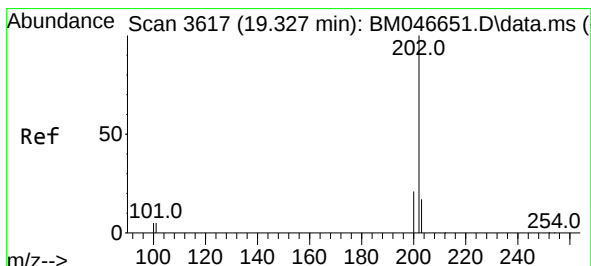
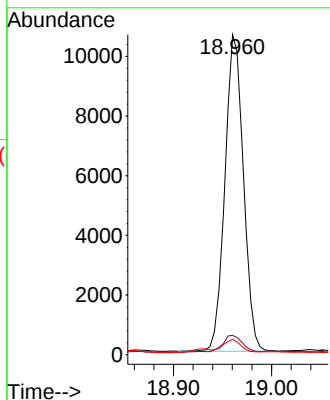
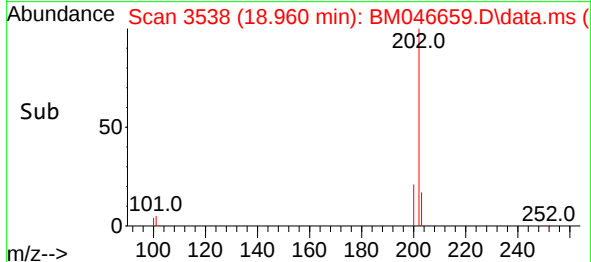
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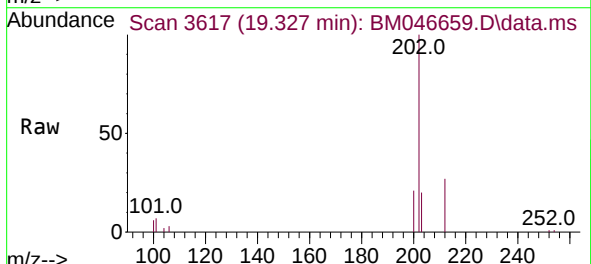
Tgt Ion:202 Resp: 1397
Ion Ratio Lower Upper
202 100
101 6.1 4.6 6.8
100 4.8 3.0 4.6

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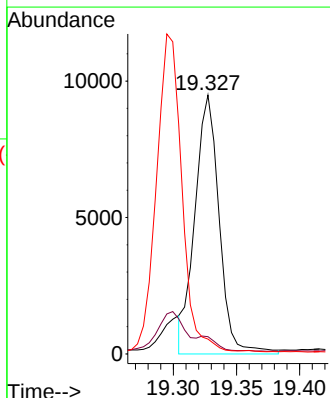
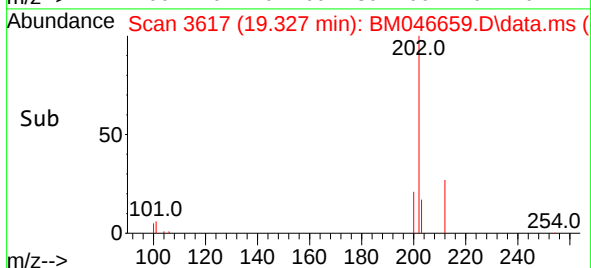
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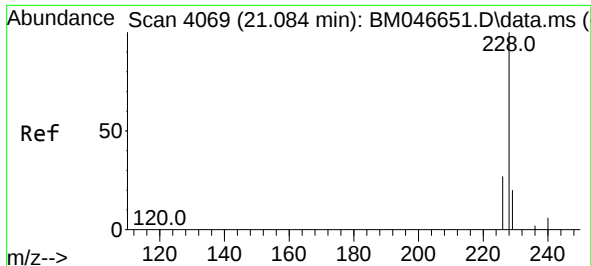


#20
Pyrene
Concen: 0.251 ng/ul m
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44



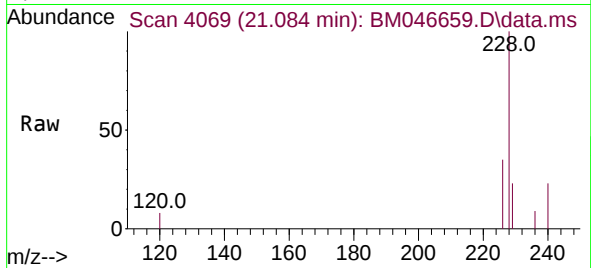
Tgt Ion:202 Resp: 12724
Ion Ratio Lower Upper
202 100
101 6.7 5.1 7.7
100 5.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.160 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

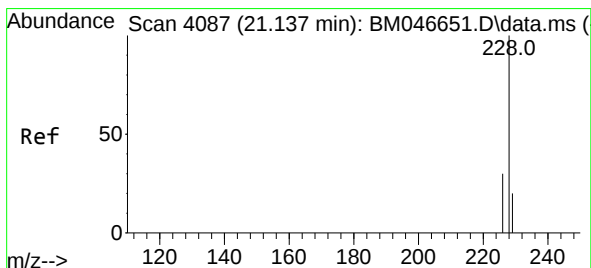
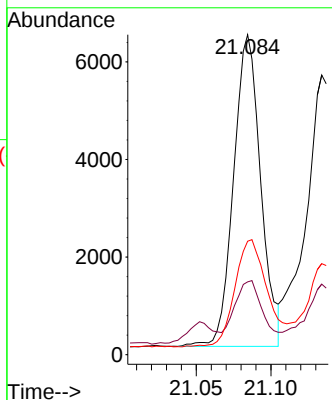
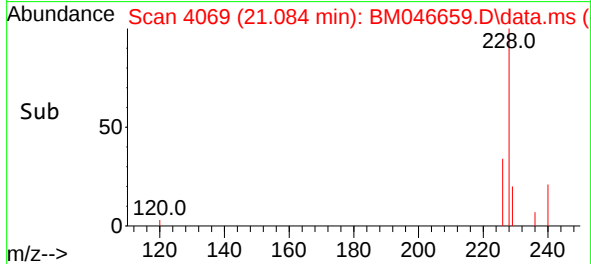
Instrument :
BNA_M
ClientSampleId :
A4BW7



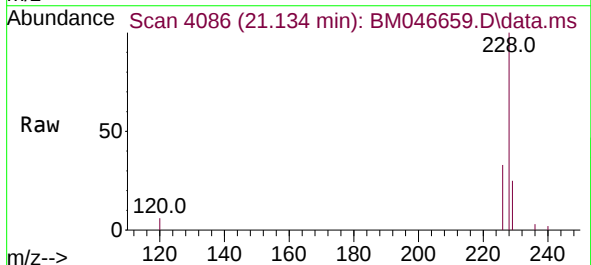
Tgt Ion:228 Resp: 805
Ion Ratio Lower Upper
228 100
229 22.7 16.5 24.7
226 35.4 22.5 33.7

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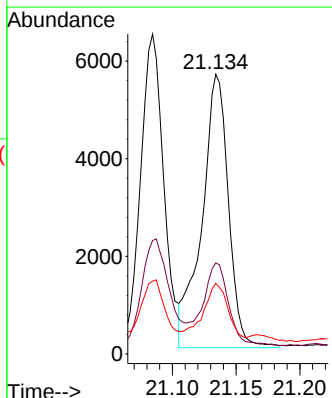
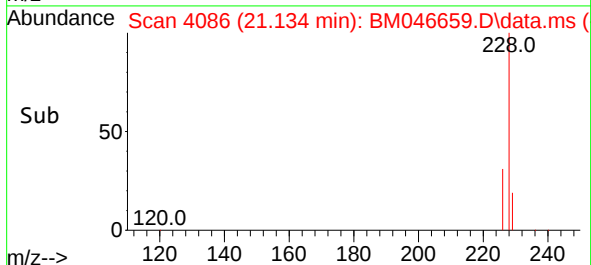
Reviewed By :Yogesh Patel 07/18/2024
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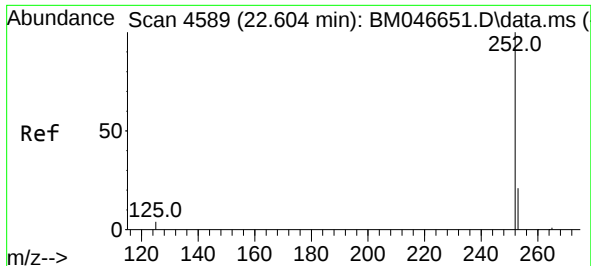


#22
Chrysene
Concen: 0.167 ng/ul m
RT: 21.134 min Scan# 4086
Delta R.T. -0.006 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44



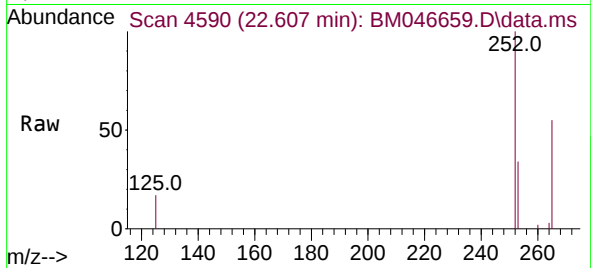
Tgt Ion:228 Resp: 8150
Ion Ratio Lower Upper
228 100
226 32.5 24.3 36.5
229 25.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.230 ng/ul m
RT: 22.607 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

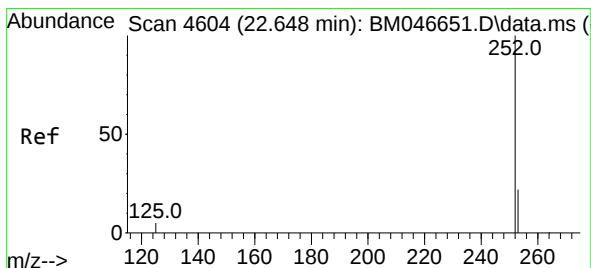
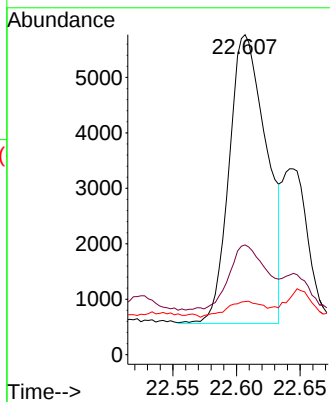
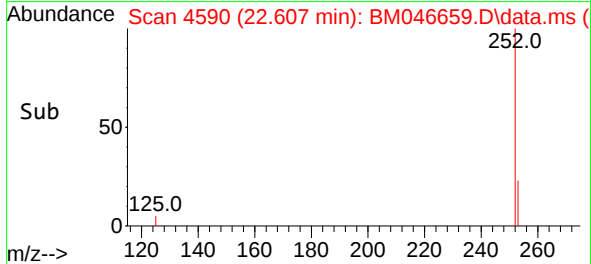
Instrument :
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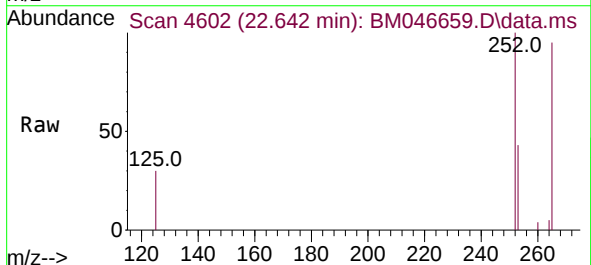
Tgt Ion:252 Resp: 1065
Ion Ratio Lower Upper
252 100
253 34.3 0.0 56.2
125 16.6 0.0 17.8

Manual Integrations
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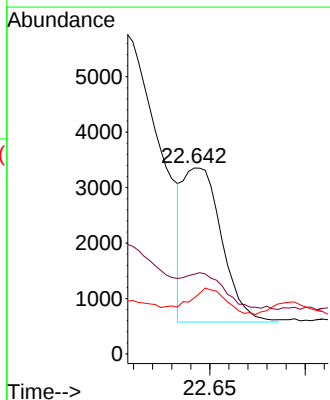
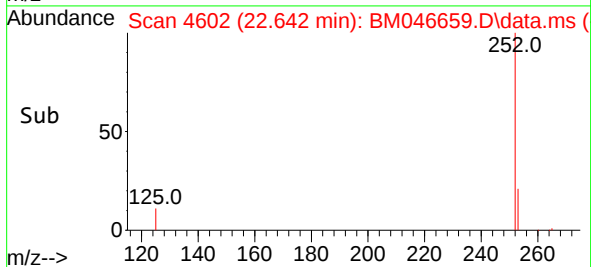
Reviewed By :Yogesh Patel 07/18/2024
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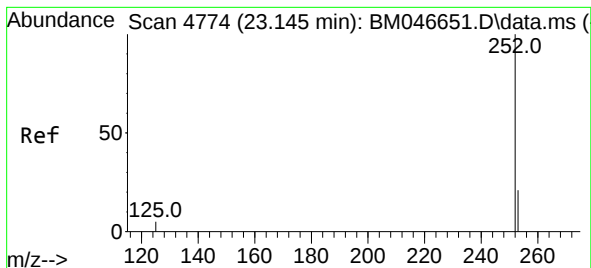


#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.009 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44



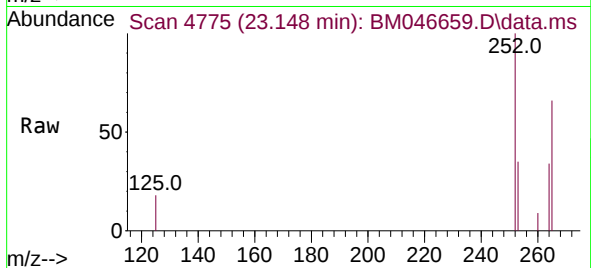
Tgt Ion:252 Resp: 3927
Ion Ratio Lower Upper
252 100
253 42.9 22.4 33.6#
125 30.1 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

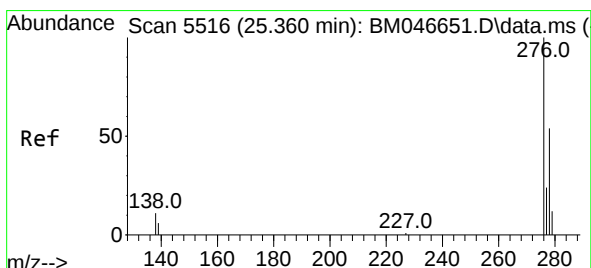
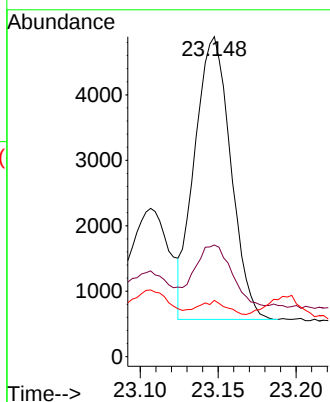
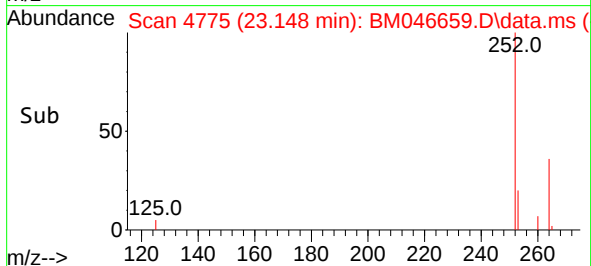
Instrument :
BNA_M
ClientSampleId :
A4BW7



Tgt Ion:252 Resp: 6943
Ion Ratio Lower Upper
252 100
253 34.9 24.0 36.0
125 17.6 8.2 12.2

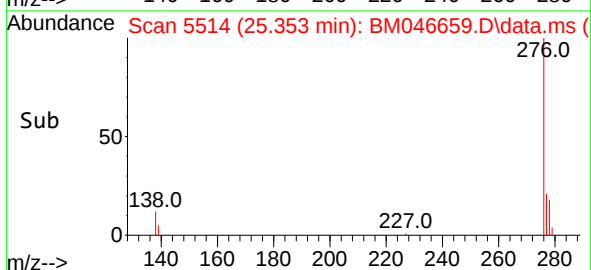
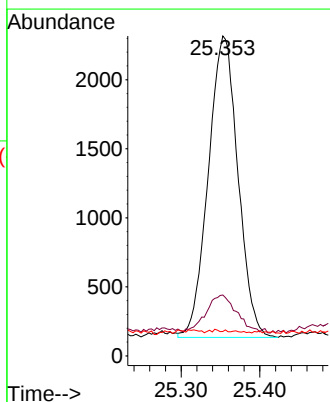
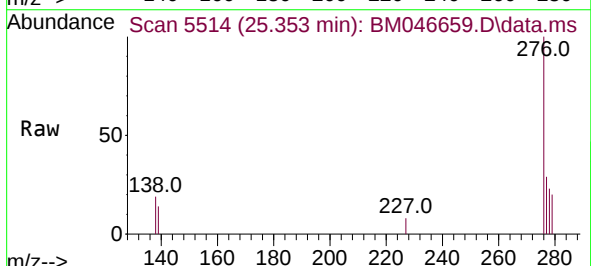
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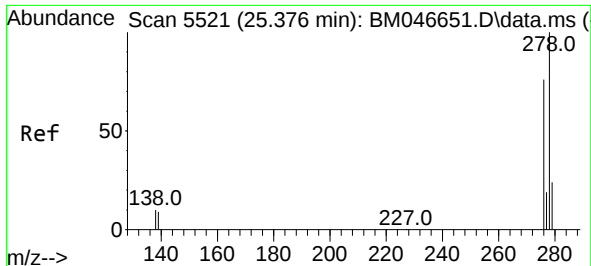
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 25.353 min Scan# 5514
Delta R.T. -0.007 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

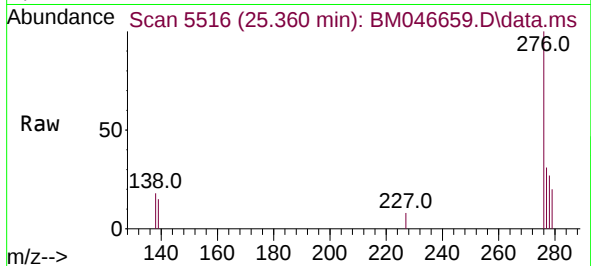
Tgt Ion:276 Resp: 5721
Ion Ratio Lower Upper
276 100
138 12.4 0.0 0.0#
227 0.5 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.360 min Scan# 516
Delta R.T. -0.024 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

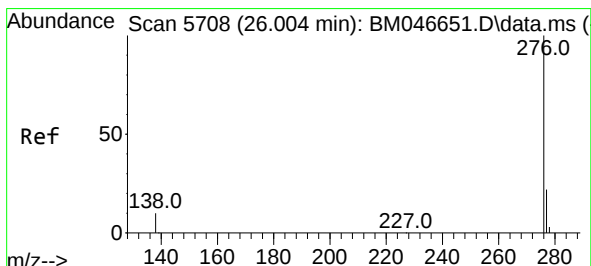
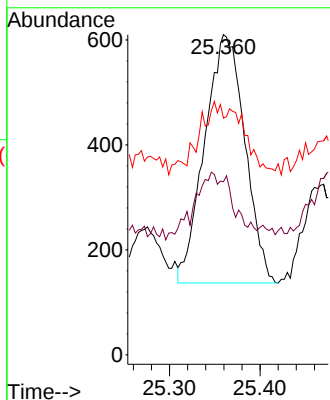
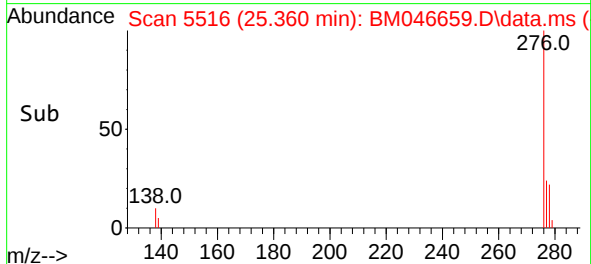
Instrument :
BNA_M
ClientSampleId :
A4BW7



Tgt Ion:278 Resp: 1458
Ion Ratio Lower Upper
278 100
139 54.1 9.1 13.7
279 73.9 23.2 34.8

Manual Integrations
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Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.120 ng/ul
RT: 25.993 min Scan# 5705
Delta R.T. -0.010 min
Lab File: BM046659.D
Acq: 17 Jul 2024 07:44

Tgt Ion:276 Resp: 5534
Ion Ratio Lower Upper
276 100
138 17.6 10.2 15.4
277 30.4 20.9 31.3

