

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046657.D
 Acq On : 17 Jul 2024 06:31
 Operator : MA/JU
 Sample : P3100-07
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BW4

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 07:00:52 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	7.498	152	3057	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.254	136	8617	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	5930	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.895	188	13718m	0.400	ng/ul	0.00
17) Chrysene-d12	21.100	240	11772	0.400	ng/ul	# 0.00
23) Perylene-d12	23.236	264	11795m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.114	96	8645	3.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	3581	0.258	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	9086	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.303	128	547	0.025	ng/ul#	69
10) Acenaphthylene	13.858	152	1143	0.042	ng/ul#	83
15) Phenanthrene	16.933	178	7053	0.180	ng/ul	99
16) Anthracene	17.026	178	1809	0.047	ng/ul#	90
19) Fluoranthene	18.964	202	14726	0.305	ng/ul	99
20) Pyrene	19.327	202	13619m	0.260	ng/ul	
21) Benzo(a)anthracene	21.085	228	7278	0.140	ng/ul	92
22) Chrysene	21.135	228	7601	0.151	ng/ul	95
24) Benzo(b)fluoranthene	22.608	252	10544m	0.224	ng/ul	
25) Benzo(k)fluoranthene	22.643	252	4271m	0.092	ng/ul	
26) Benzo(a)pyrene	23.145	252	6621	0.171	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.350	276	5728	0.097	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.367	278	1449	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	25.994	276	5604	0.119	ng/ul#	89

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

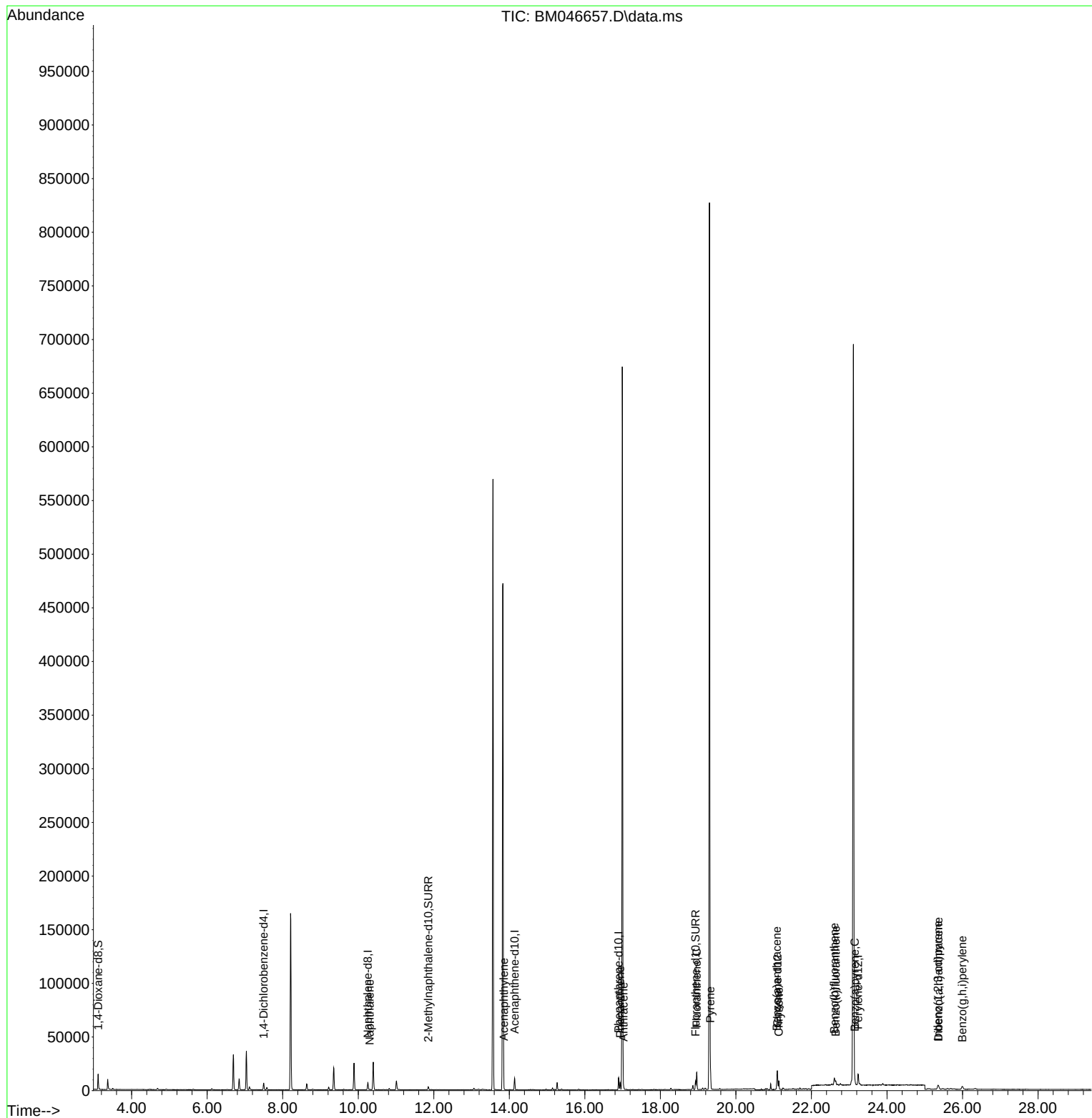
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046657.D
Acq On : 17 Jul 2024 06:31
Operator : MA/JU
Sample : P3100-07
Misc :
ALS Vial : 70 Sample Multiplier: 1

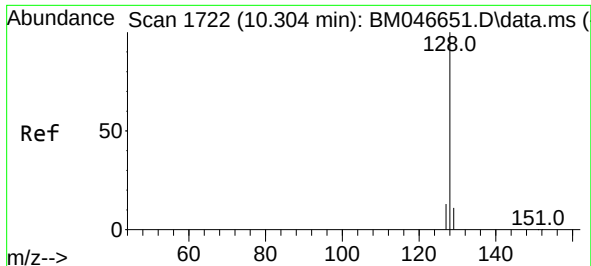
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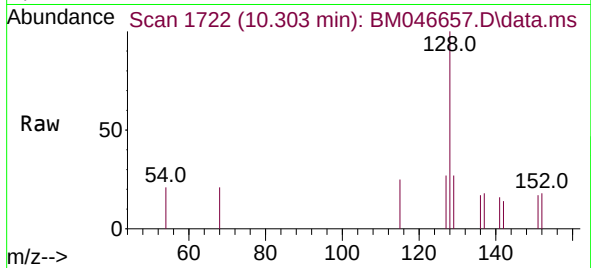
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.303 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

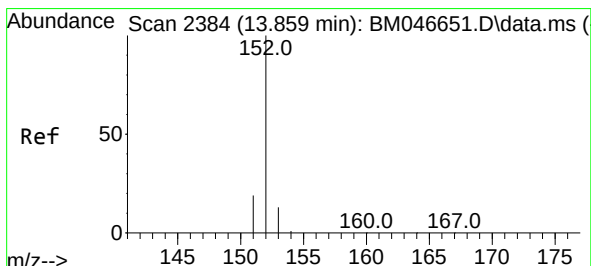
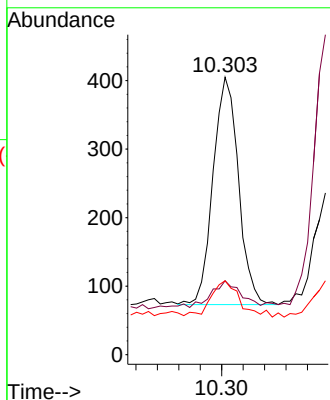
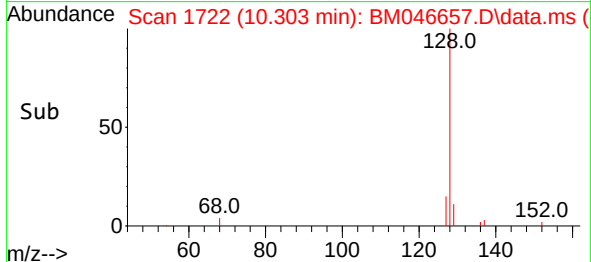
Instrument :
BNA_M
ClientSampleId :
A4BW4



Tgt Ion:128 Resp: 54
Ion Ratio Lower Upper
128 100
129 26.7 10.3 15.5
127 26.7 12.2 18.4

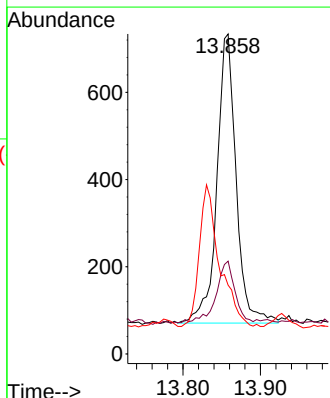
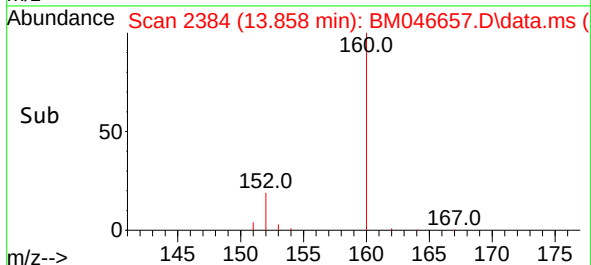
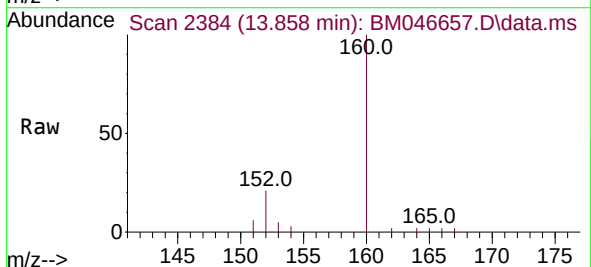
Manual Integrations
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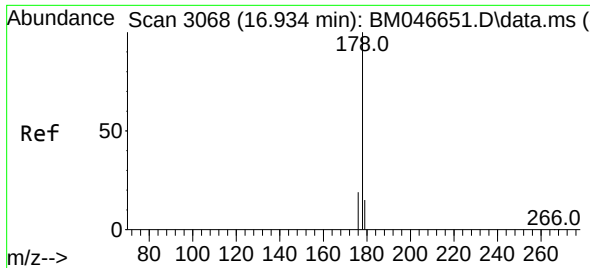
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.858 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

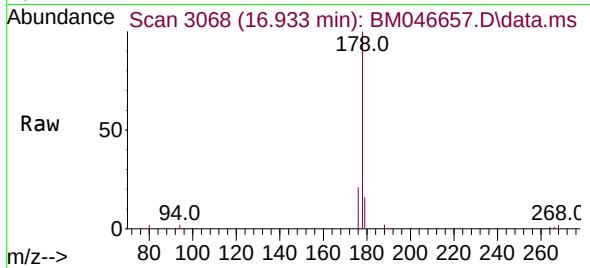
Tgt Ion:152 Resp: 1143
Ion Ratio Lower Upper
152 100
151 29.0 16.4 24.6#
153 21.5 12.4 18.6#





#15
Phenanthrene
Concen: 0.180 ng/ul
RT: 16.933 min Scan# 3068
Delta R.T. -0.010 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

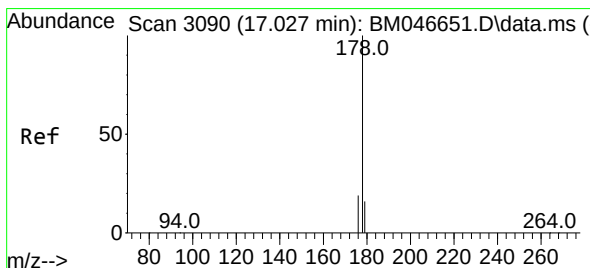
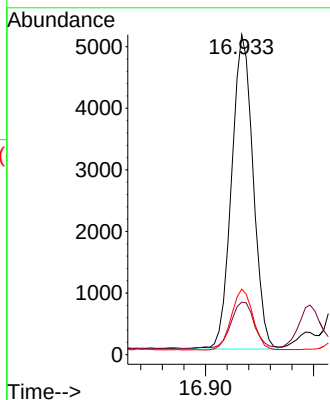
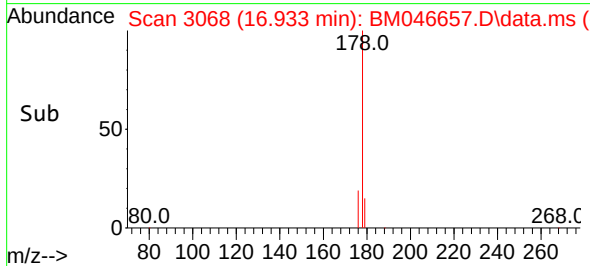
Instrument :
BNA_M
ClientSampleId :
A4BW4



Tgt Ion:178 Resp: 705
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 20.5 16.0 24.0

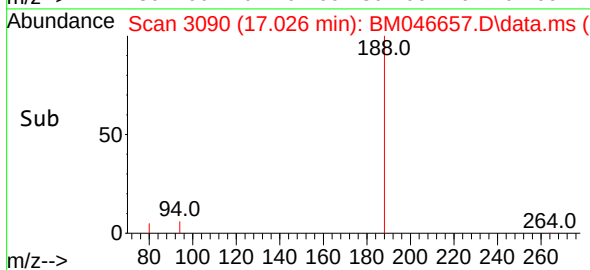
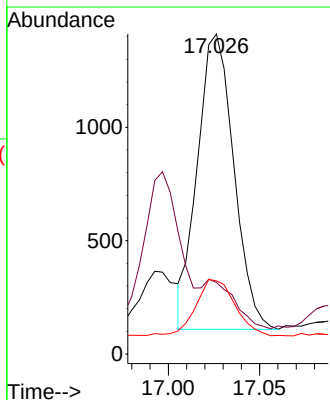
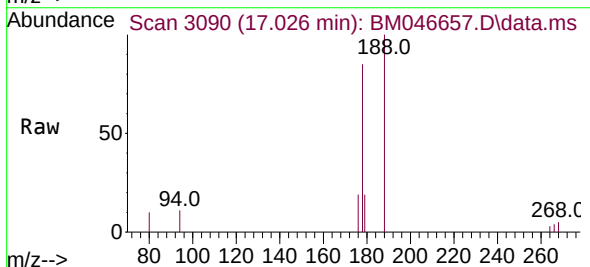
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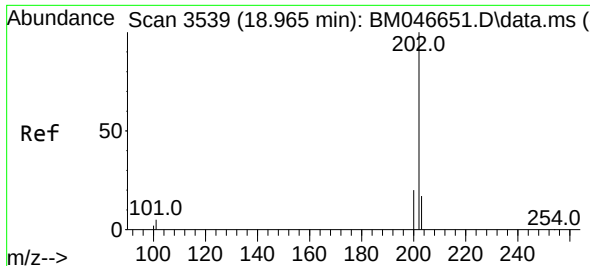
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.047 ng/ul
RT: 17.026 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

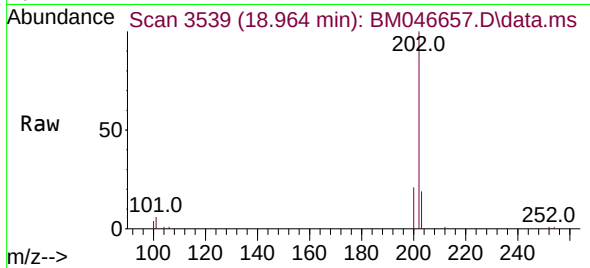
Tgt Ion:178 Resp: 1809
Ion Ratio Lower Upper
178 100
179 22.4 13.5 20.3#
176 22.9 15.7 23.5





#19
Fluoranthene
Concen: 0.305 ng/ul
RT: 18.964 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

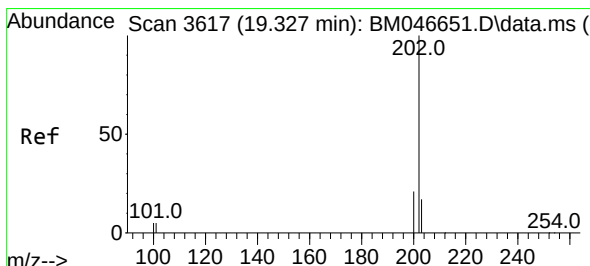
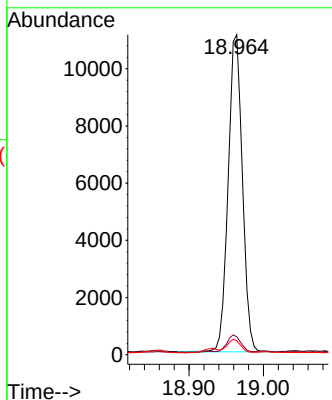
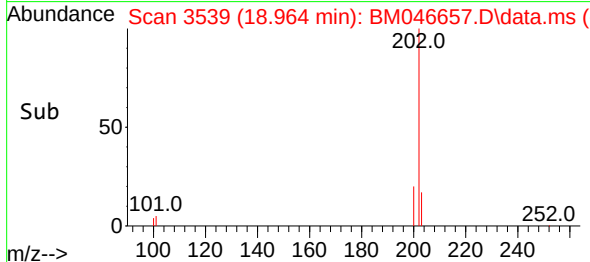
Instrument :
BNA_M
ClientSampleId :
A4BW4



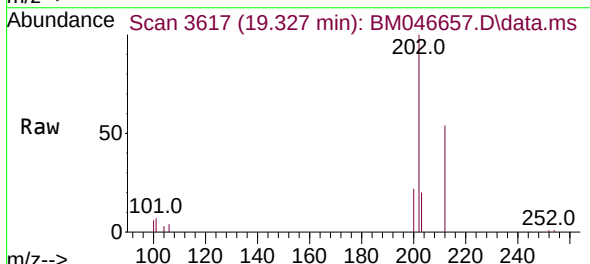
Tgt Ion:202 Resp: 14720
Ion Ratio Lower Upper
202 100
101 5.6 4.6 6.8
100 4.4 3.0 4.6

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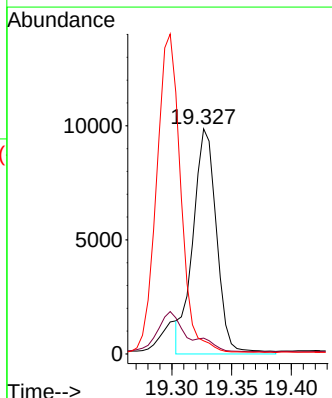
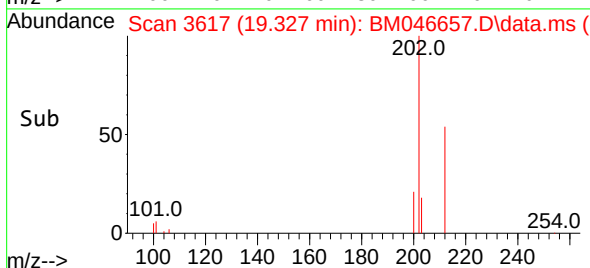
Reviewed By :Yogesh Patel 07/18/2024
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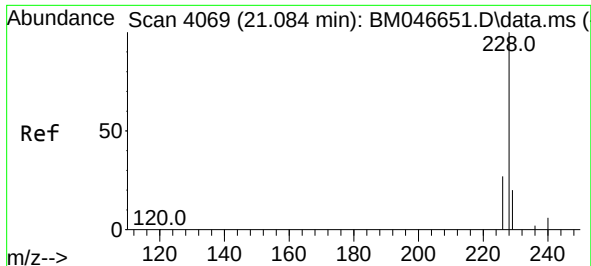


#20
Pyrene
Concen: 0.260 ng/ul m
RT: 19.327 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31



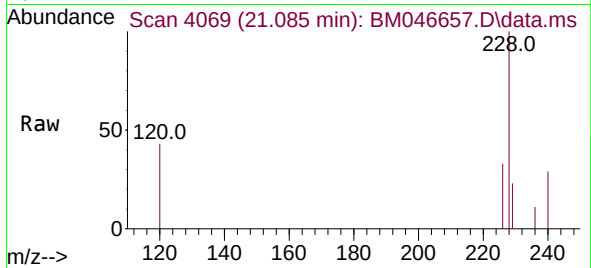
Tgt Ion:202 Resp: 13619
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.8 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.140 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.002 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

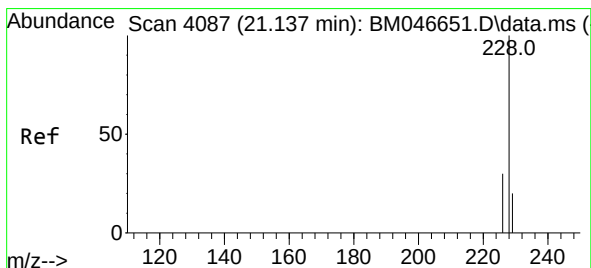
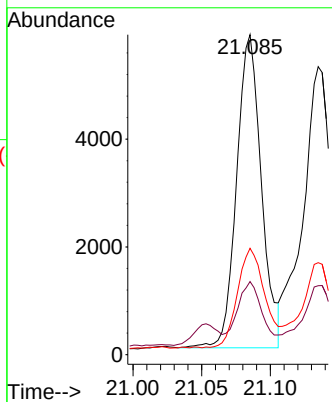
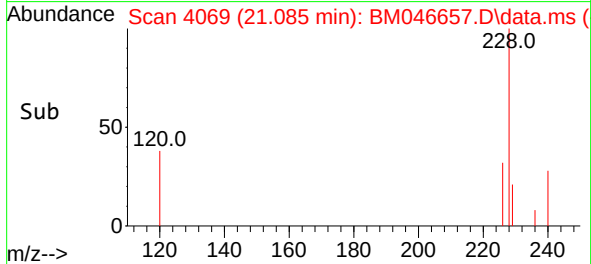
Instrument :
BNA_M
ClientSampleId :
A4BW4



Tgt Ion:228 Resp: 7278
Ion Ratio Lower Upper
228 100
229 22.9 16.5 24.7
226 33.2 22.5 33.7

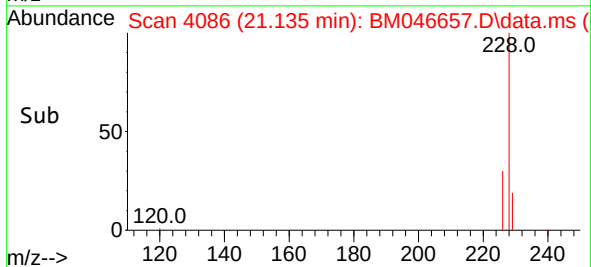
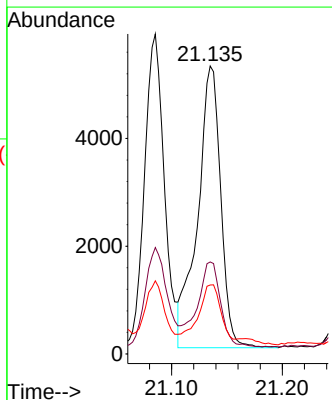
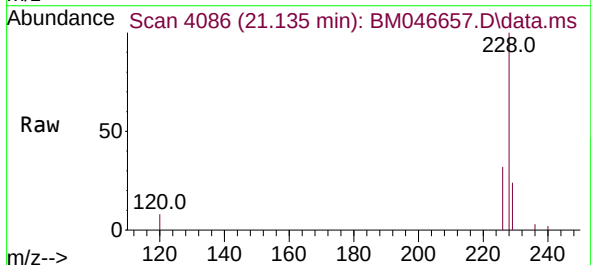
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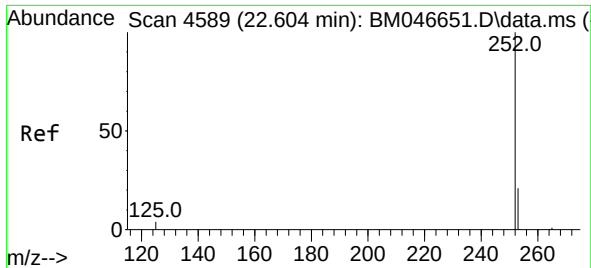
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.151 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. -0.005 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

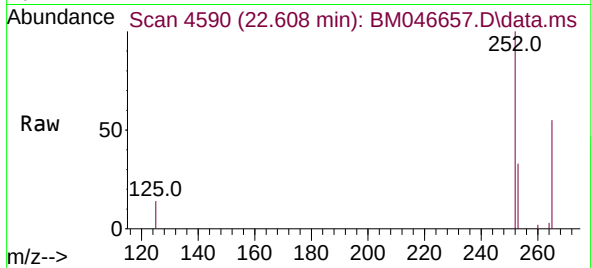
Tgt Ion:228 Resp: 7601
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 23.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.224 ng/ul m
RT: 22.608 min Scan# 4589
Delta R.T. -0.002 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

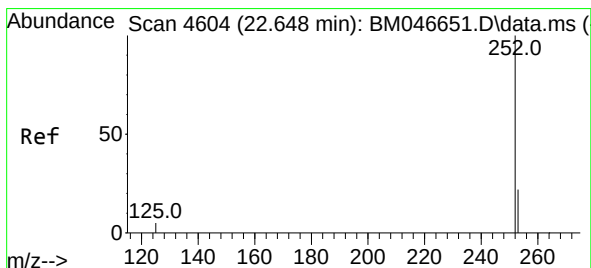
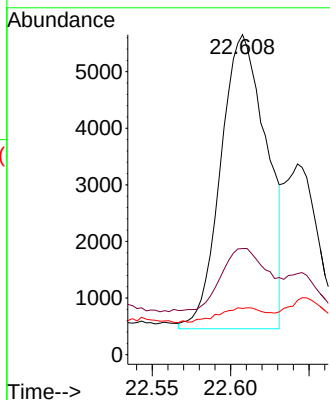
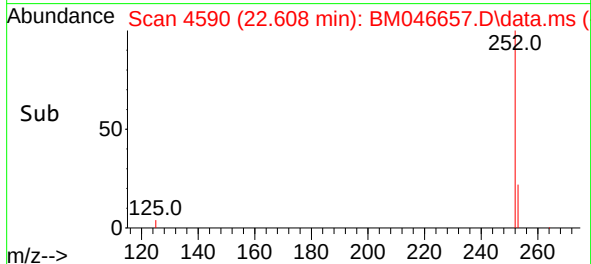
Instrument :
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A4BW4



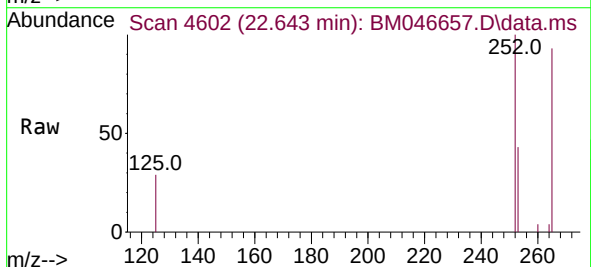
Tgt Ion:252 Resp: 10544
Ion Ratio Lower Upper
252 100
253 33.1 0.0 56.2
125 14.4 0.0 17.8

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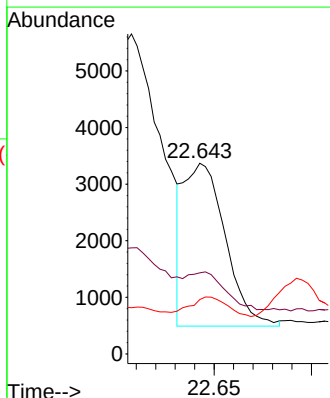
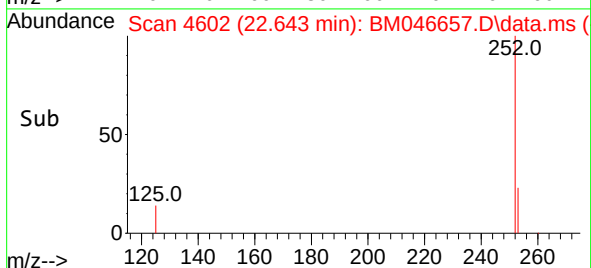
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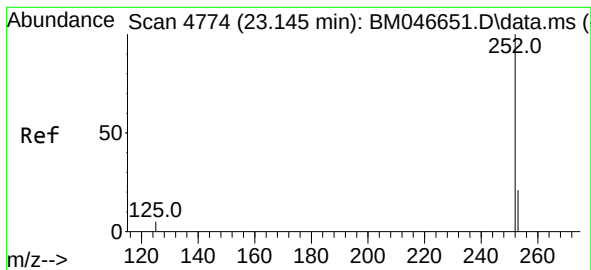


#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 22.643 min Scan# 4602
Delta R.T. -0.008 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31



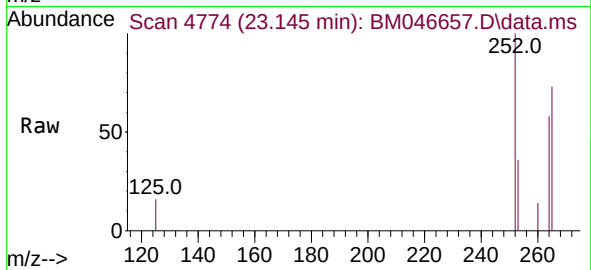
Tgt Ion:252 Resp: 4271
Ion Ratio Lower Upper
252 100
253 42.5 22.4 33.6#
125 28.5 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.145 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

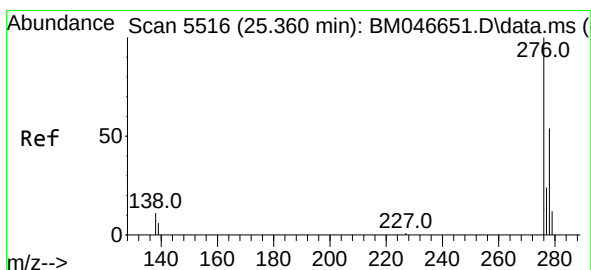
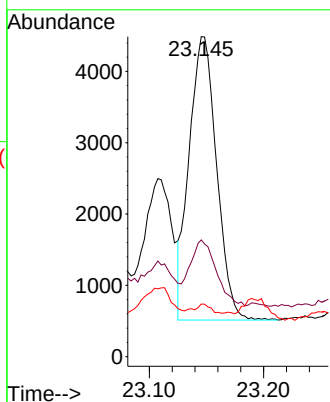
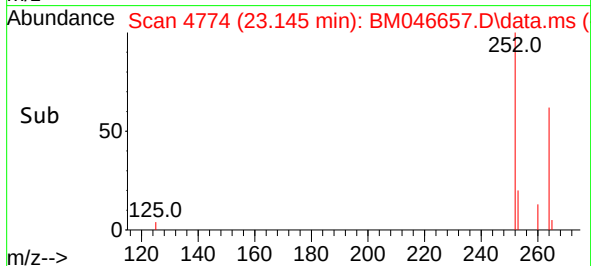
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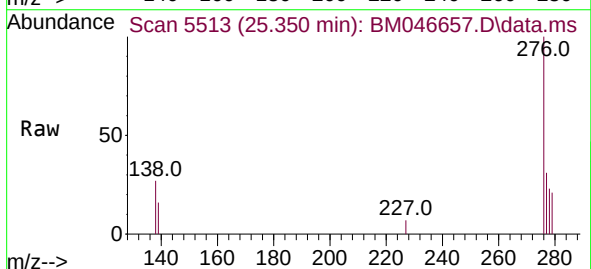
Tgt Ion:252 Resp: 662
Ion Ratio Lower Upper
252 100
253 36.5 24.0 36.0
125 16.4 8.2 12.2

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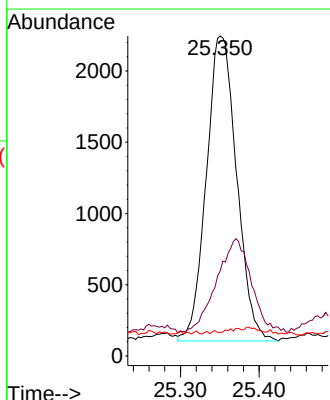
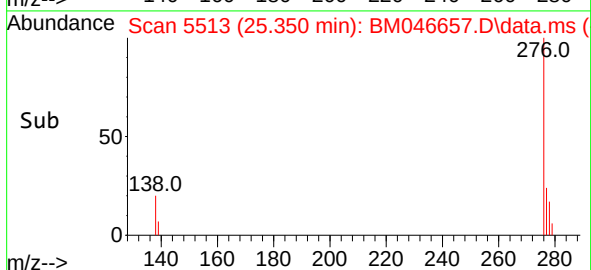
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

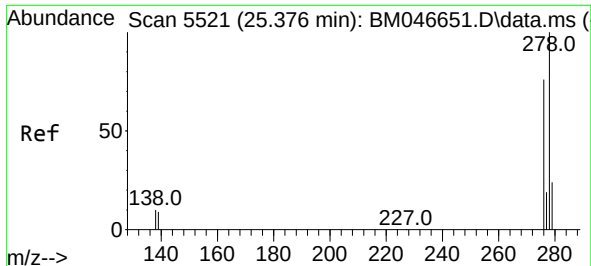


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.350 min Scan# 5513
Delta R.T. -0.010 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31



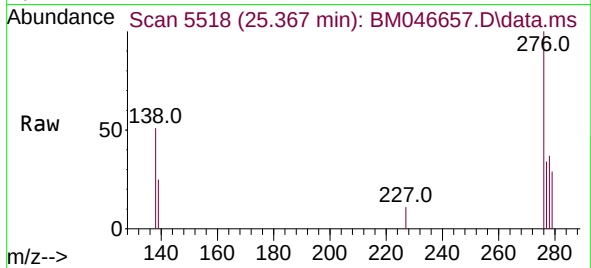
Tgt Ion:276 Resp: 5728
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.367 min Scan# 51
Delta R.T. -0.016 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

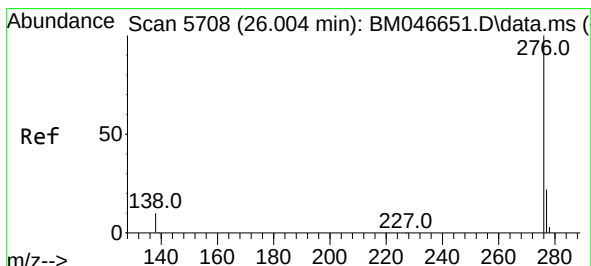
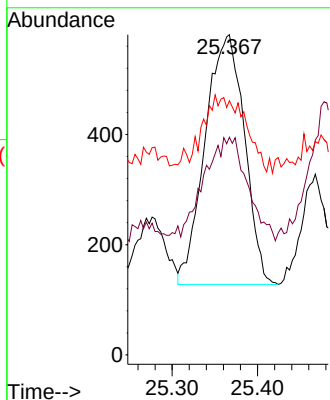
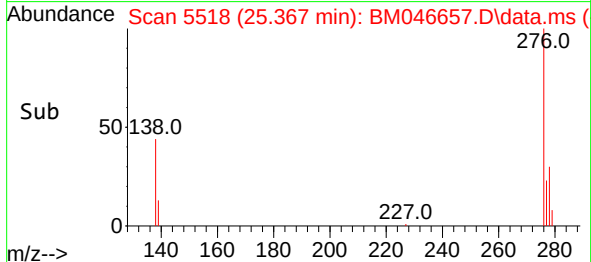
Instrument :
BNA_M
ClientSampleId :
A4BW4



Tgt Ion:278 Resp: 1449
Ion Ratio Lower Upper
278 100
139 68.0 9.1 13.7
279 79.3 23.2 34.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.119 ng/ul
RT: 25.994 min Scan# 5705
Delta R.T. -0.010 min
Lab File: BM046657.D
Acq: 17 Jul 2024 06:31

Tgt Ion:276 Resp: 5604
Ion Ratio Lower Upper
276 100
138 18.0 10.2 15.4
277 31.0 20.9 31.3

