

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046675.D
 Acq On : 17 Jul 2024 18:14
 Operator : MA/JU
 Sample : P3177-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BX4

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 23:01:45 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	2703	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.253	136	7447	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	4959	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.891	188	11300	0.400	ng/ul	-0.01
17) Chrysene-d12	21.102	240	9573	0.400	ng/ul	# 0.00
23) Perylene-d12	23.239	264	10591	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	6050	2.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	2501	0.208	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	6231	0.214	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.303	128	1608	0.085	ng/ul#	93
7) 2-Methylnaphthalene	11.925	142	641	0.048	ng/ul	93
8) 1-Methylnaphthalene	12.151	142	463	0.034	ng/ul	98
10) Acenaphthylene	13.853	152	3007	0.133	ng/ul	95
11) Acenaphthene	14.200	153	1363	0.090	ng/ul	98
12) Fluorene	15.195	166	1710	0.091	ng/ul#	94
15) Phenanthrene	16.933	178	31740	0.984	ng/ul	99
16) Anthracene	17.026	178	6015	0.191	ng/ul	98
19) Fluoranthene	18.964	202	60154	1.530	ng/ul	99
20) Pyrene	19.326	202	56689	1.332	ng/ul	99
21) Benzo(a)anthracene	21.088	228	27950	0.660	ng/ul	92
22) Chrysene	21.137	228	32496	0.793	ng/ul	97
24) Benzo(b)fluoranthene	22.607	252	46901m	1.109	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	15168m	0.365	ng/ul	
26) Benzo(a)pyrene	23.148	252	31402	0.902	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.353	276	26626	0.503	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.367	278	6683	0.159	ng/ul#	72
29) Benzo(g,h,i)perylene	25.997	276	29854	0.706	ng/ul	99

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

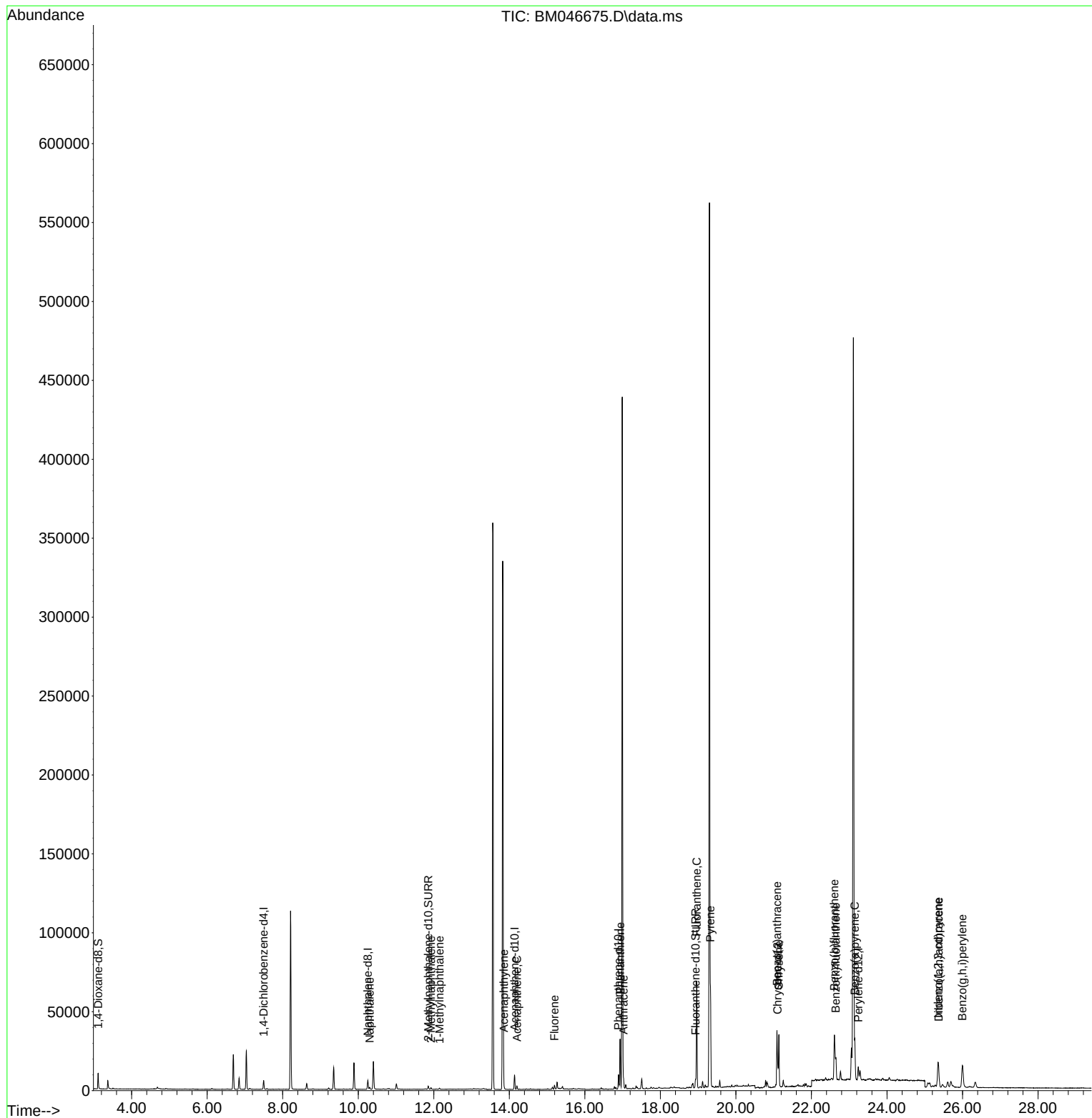
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046675.D
Acq On : 17 Jul 2024 18:14
Operator : MA/JU
Sample : P3177-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

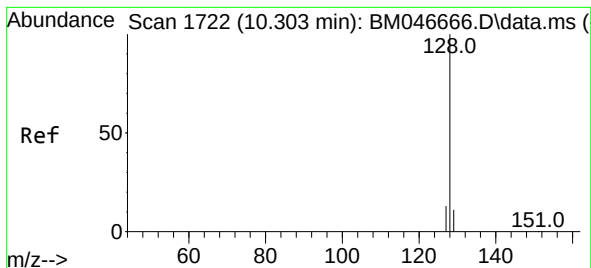
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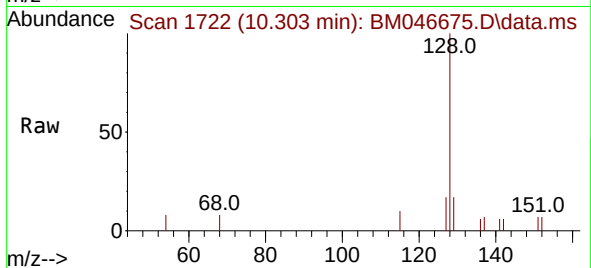
Quant Time: Jul 17 23:01:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.303 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

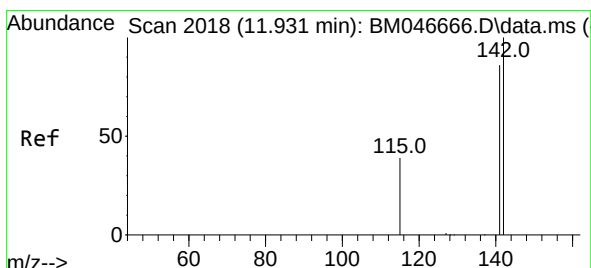
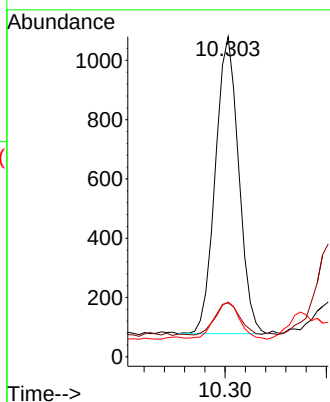
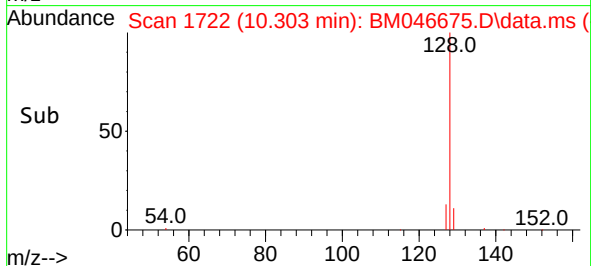
Instrument :
BNA_M
ClientSampleId :
A4BX4



Tgt Ion:128 Resp: 1608
Ion Ratio Lower Upper
128 100
129 16.9 10.3 15.5
127 17.1 12.2 18.4

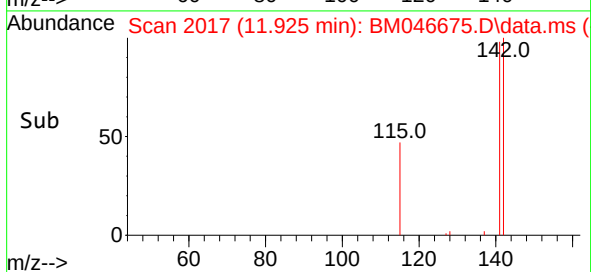
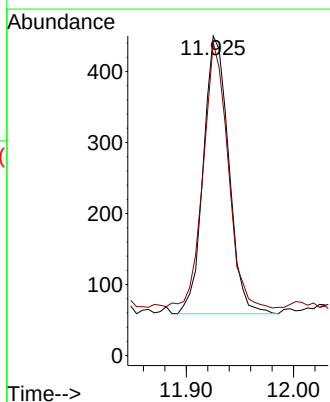
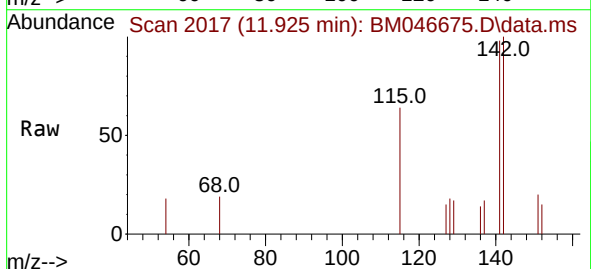
Manual Integrations
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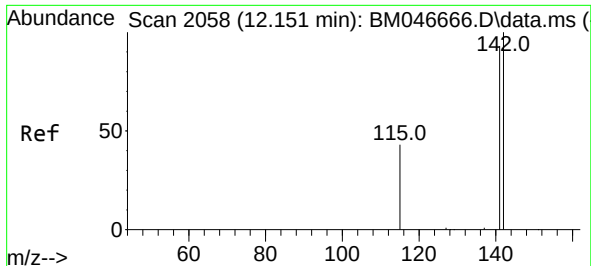
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 11.925 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

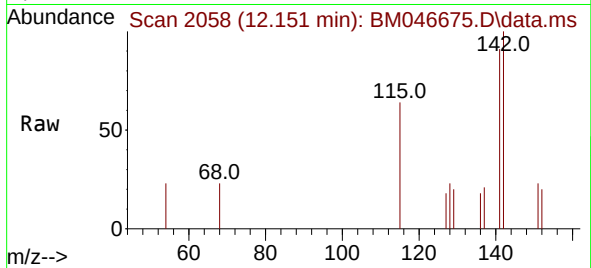
Tgt Ion:142 Resp: 641
Ion Ratio Lower Upper
142 100
141 94.1 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.151 min Scan# 2058
Delta R.T. -0.013 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

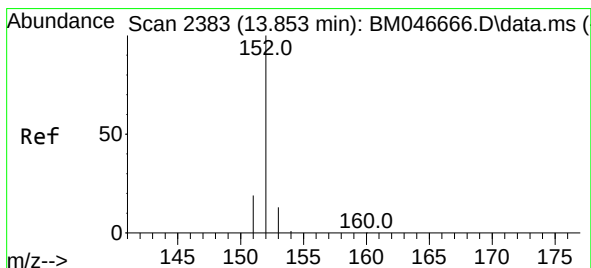
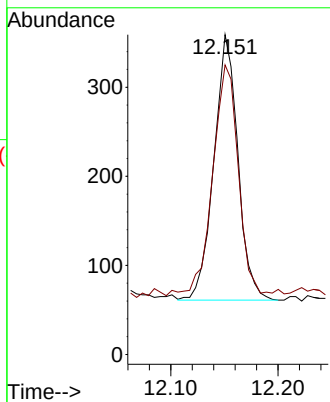
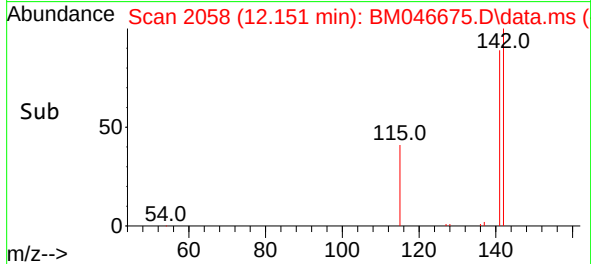
Instrument :
BNA_M
ClientSampleId :
A4BX4



Tgt Ion:142 Resp: 461
Ion Ratio Lower Upper
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141 94.4 73.9 110.9

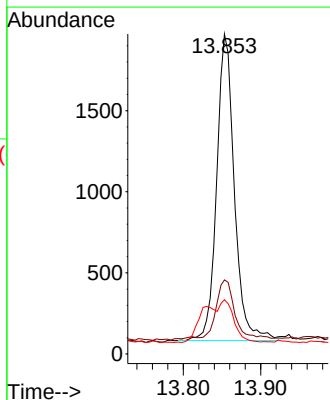
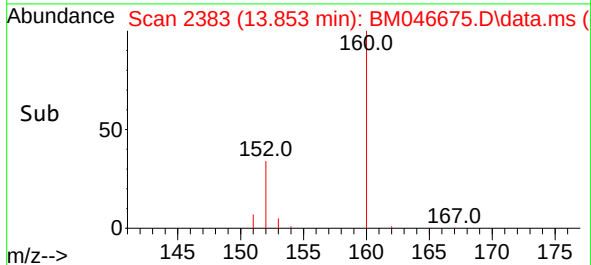
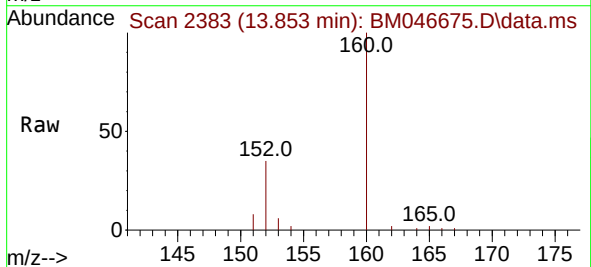
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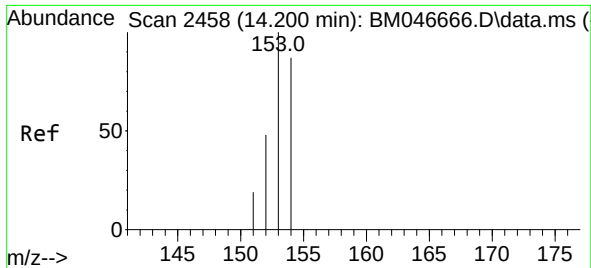
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.133 ng/ul
RT: 13.853 min Scan# 2383
Delta R.T. -0.011 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

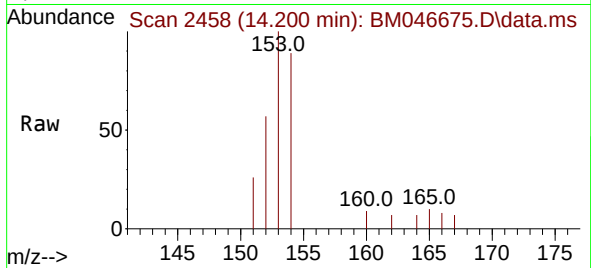
Tgt Ion:152 Resp: 3007
Ion Ratio Lower Upper
152 100
151 23.2 16.4 24.6
153 17.0 12.4 18.6





#11
Acenaphthene
Concen: 0.090 ng/u1
RT: 14.200 min Scan# 2458
Delta R.T. -0.011 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

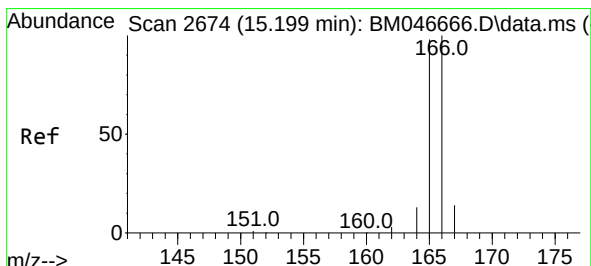
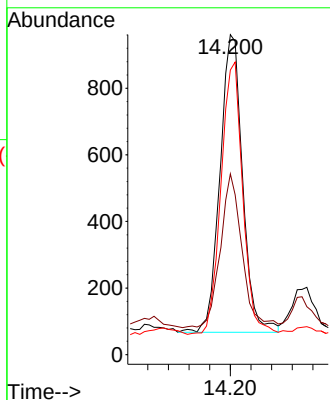
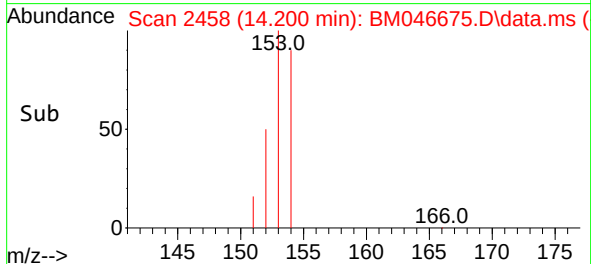
Instrument :
BNA_M
ClientSampleId :
A4BX4



Tgt Ion:153 Resp: 136
Ion Ratio Lower Upper
153 100
152 56.5 43.0 64.6
154 89.0 69.9 104.9

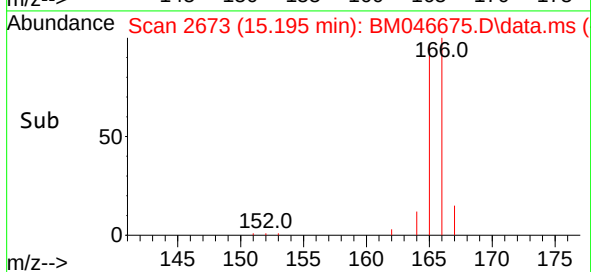
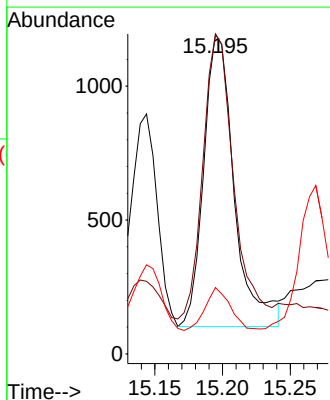
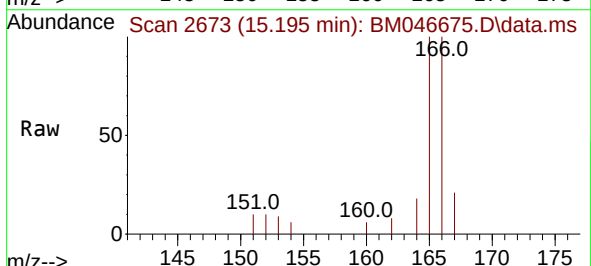
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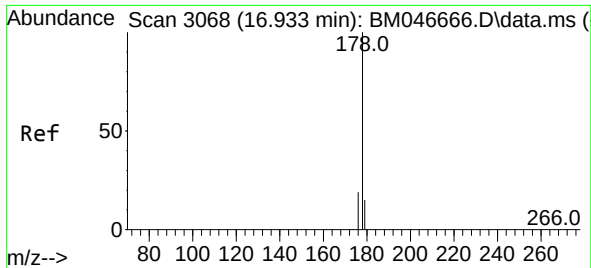
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.091 ng/u1
RT: 15.195 min Scan# 2673
Delta R.T. -0.011 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

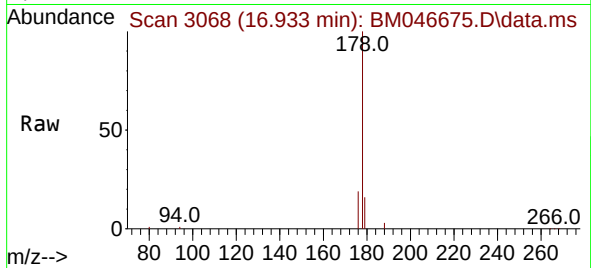
Tgt Ion:166 Resp: 1710
Ion Ratio Lower Upper
166 100
165 100.1 76.1 114.1
167 20.8 12.5 18.7#





#15
Phenanthrene
Concen: 0.984 ng/ul
RT: 16.933 min Scan# 3068
Delta R.T. -0.010 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

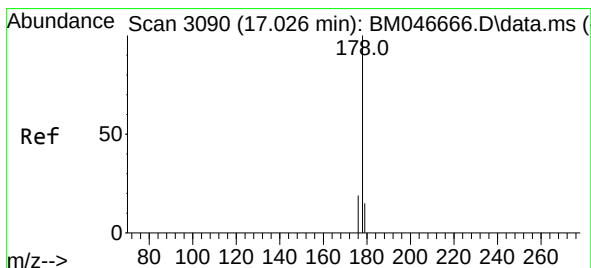
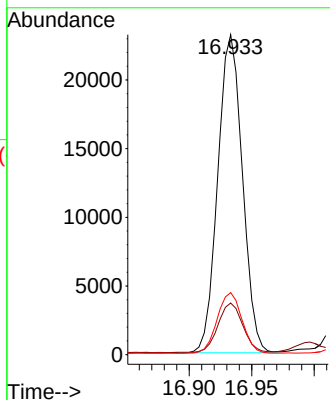
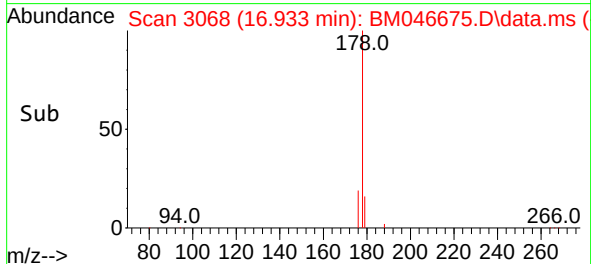
Instrument :
BNA_M
ClientSampleId :
A4BX4



Tgt Ion:178 Resp: 31740
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 19.4 16.0 24.0

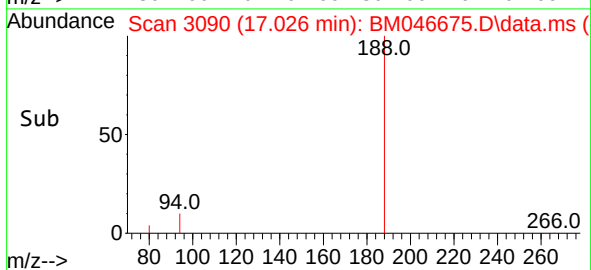
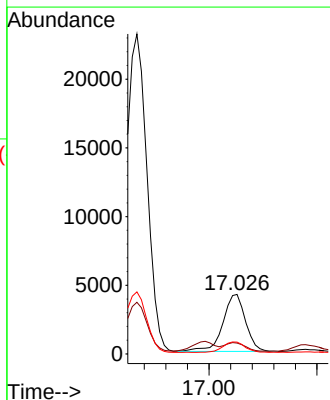
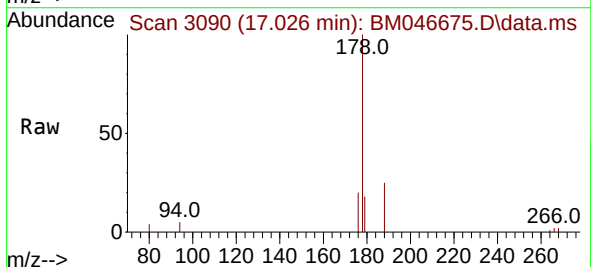
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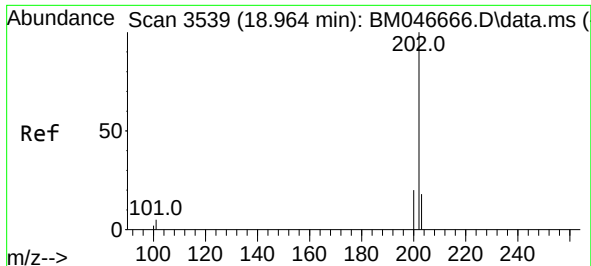
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.191 ng/ul
RT: 17.026 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

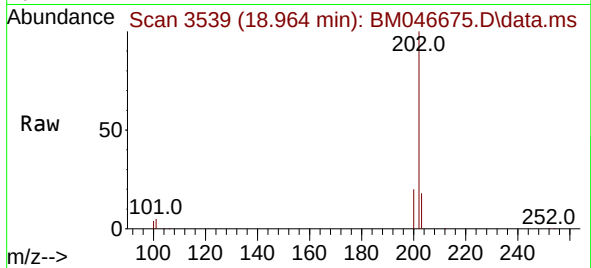
Tgt Ion:178 Resp: 6015
Ion Ratio Lower Upper
178 100
179 18.3 13.5 20.3
176 19.9 15.7 23.5





#19
Fluoranthene
Concen: 1.530 ng/ul
RT: 18.964 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

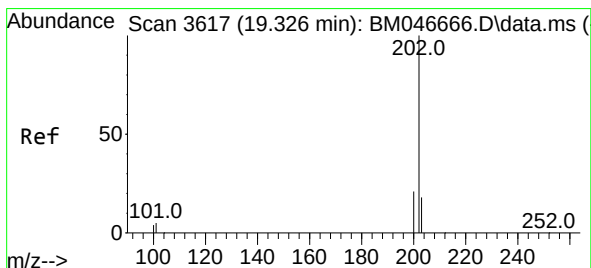
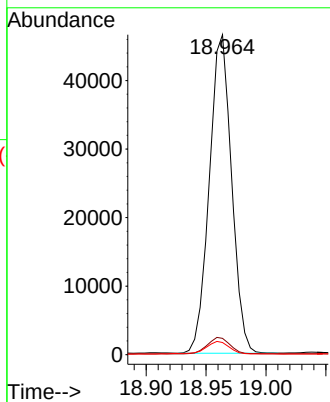
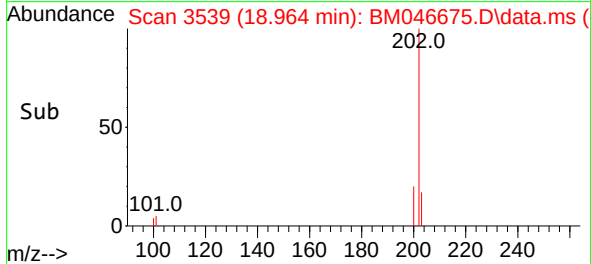
Instrument :
BNA_M
ClientSampleId :
A4BX4



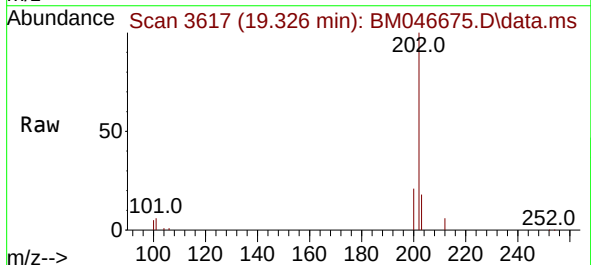
Tgt Ion:202 Resp: 60154
Ion Ratio Lower Upper
202 100
101 5.1 4.6 6.8
100 3.8 3.0 4.6

Manual Integrations
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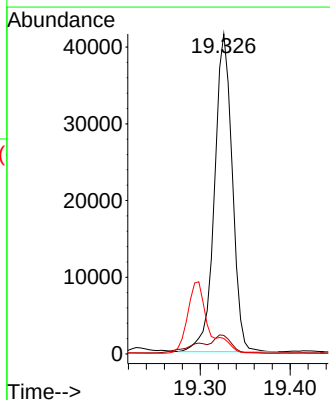
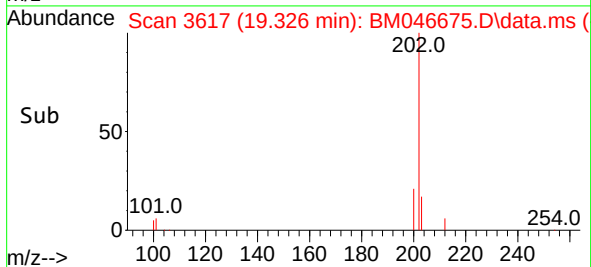
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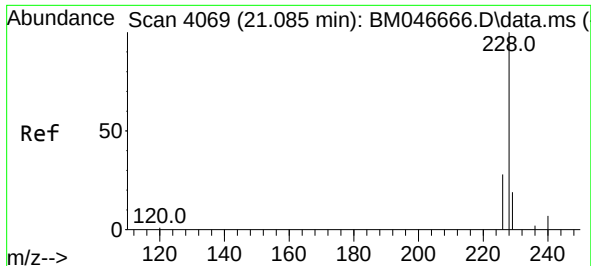


#20
Pyrene
Concen: 1.332 ng/ul
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14



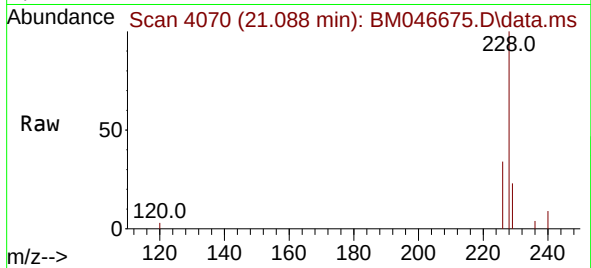
Tgt Ion:202 Resp: 56689
Ion Ratio Lower Upper
202 100
101 5.8 5.1 7.7
100 4.9 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.660 ng/ul
RT: 21.088 min Scan# 4069
Delta R.T. 0.000 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

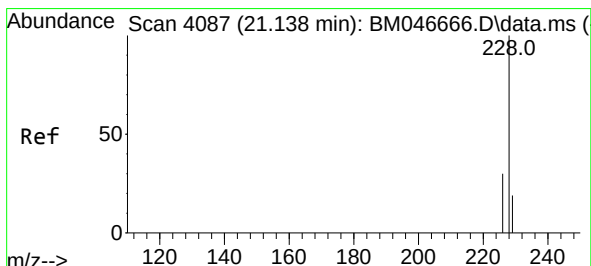
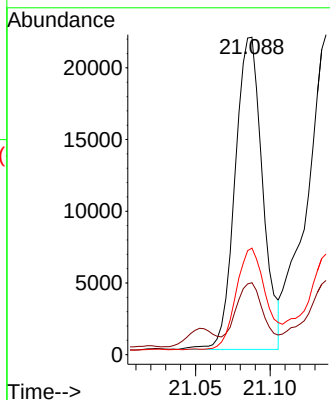
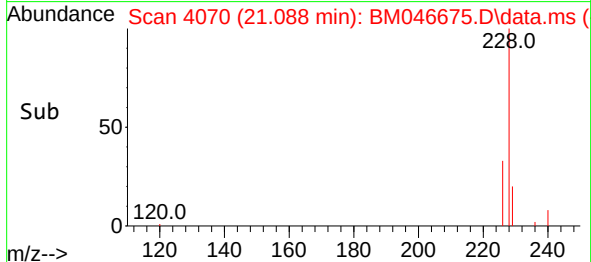
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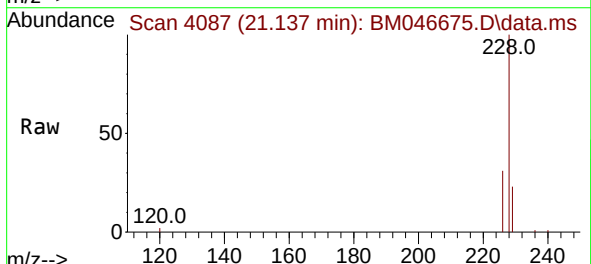
Tgt Ion:228 Resp: 27950
Ion Ratio Lower Upper
228 100
229 22.7 16.5 24.7
226 33.6 22.5 33.7

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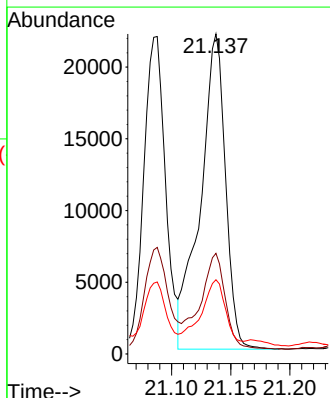
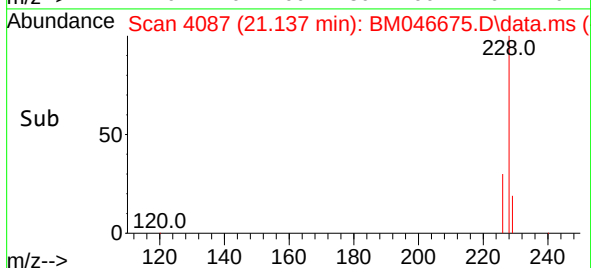
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

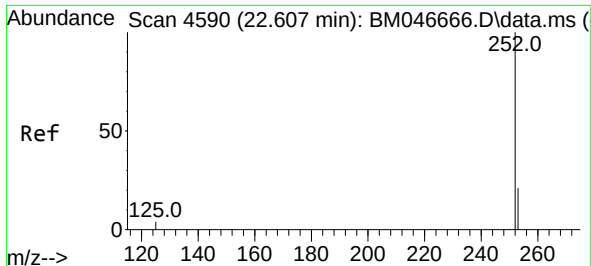


#22
Chrysene
Concen: 0.793 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14



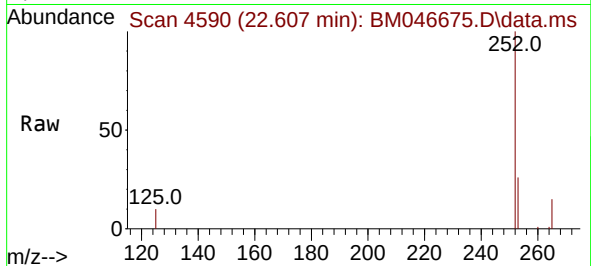
Tgt Ion:228 Resp: 32496
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.109 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

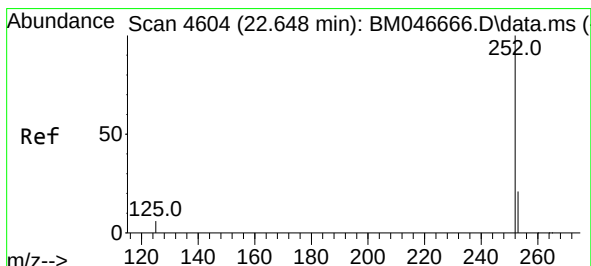
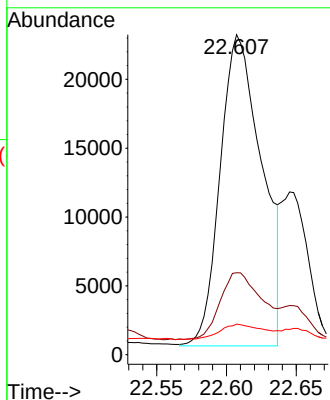
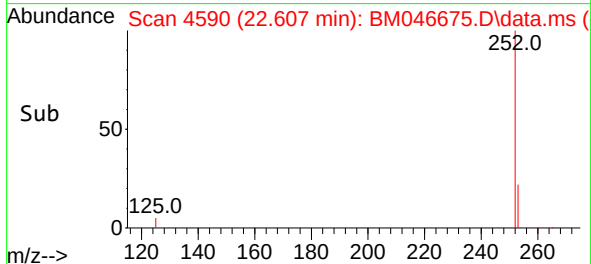
Instrument :
BNA_M
ClientSampleId :
A4BX4



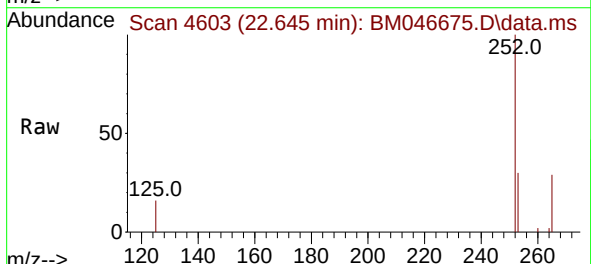
Tgt Ion:252 Resp: 4690
Ion Ratio Lower Upper
252 100
253 25.6 0.0 56.2
125 9.5 0.0 17.8

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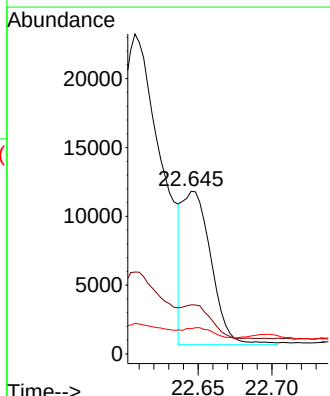
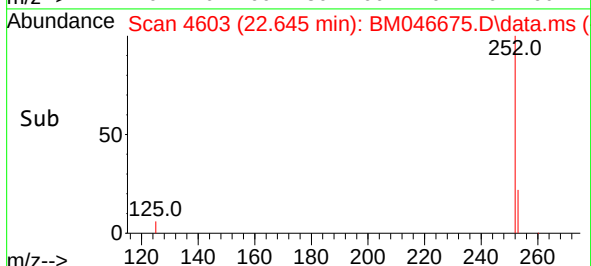
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

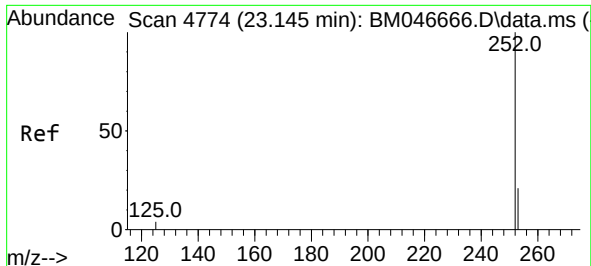


#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14



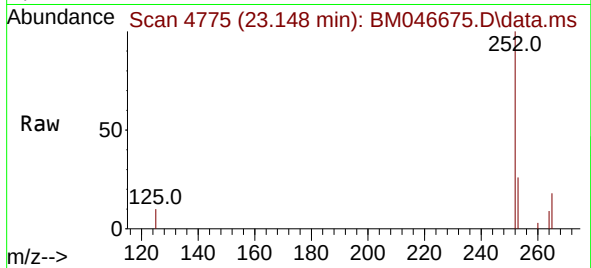
Tgt Ion:252 Resp: 15168
Ion Ratio Lower Upper
252 100
253 30.2 22.4 33.6
125 15.5 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.902 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

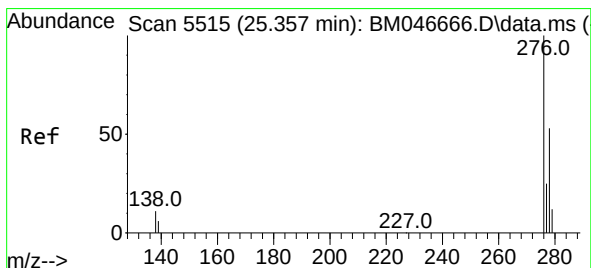
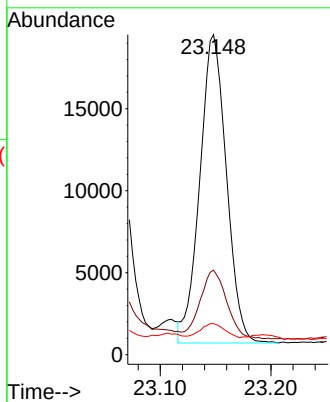
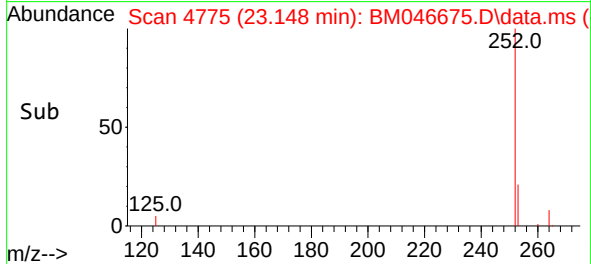
Instrument :
BNA_M
ClientSampleId :
A4BX4



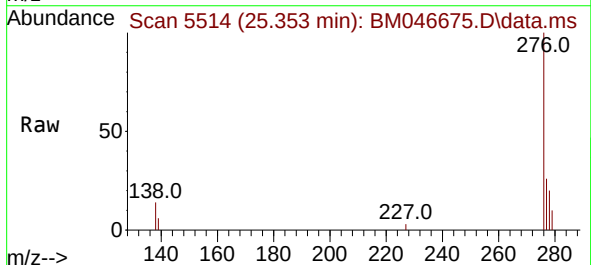
Tgt Ion:252 Resp: 31402
Ion Ratio Lower Upper
252 100
253 26.4 24.0 36.0
125 9.7 8.2 12.2

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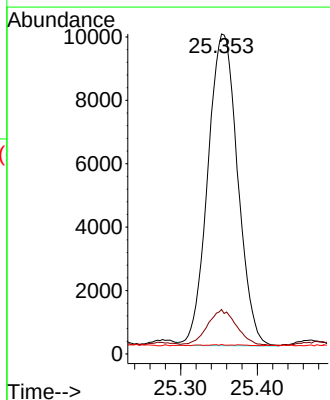
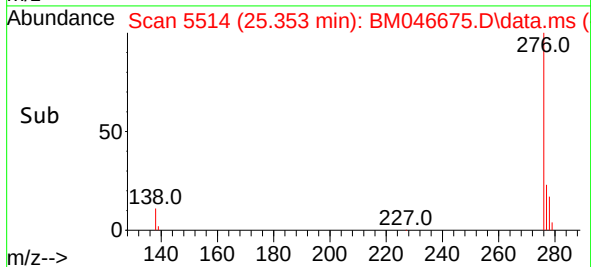
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

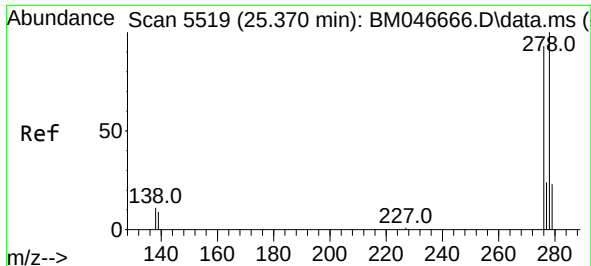


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 25.353 min Scan# 5514
Delta R.T. -0.007 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14



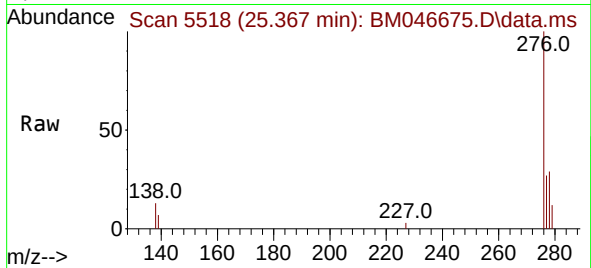
Tgt Ion:276 Resp: 26626
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.159 ng/ul
RT: 25.367 min Scan# 5519
Delta R.T. -0.017 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14

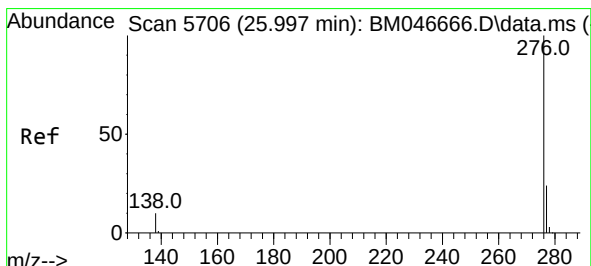
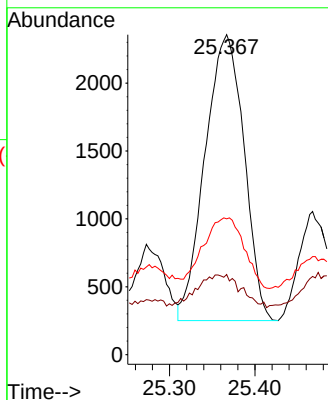
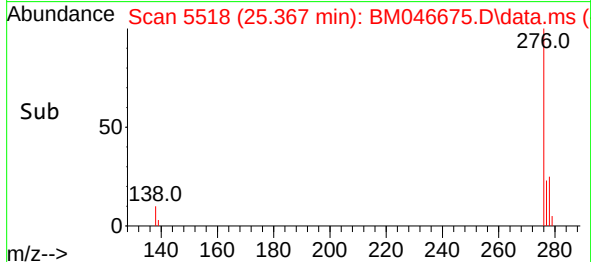
Instrument :
BNA_M
ClientSampleId :
A4BX4



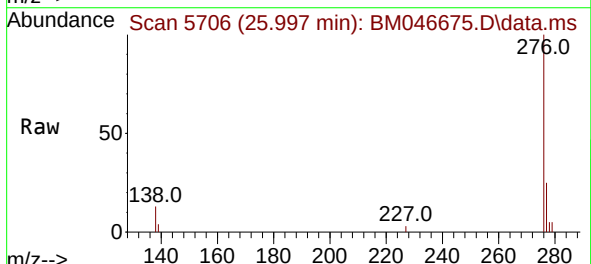
Tgt Ion:278 Resp: 668
Ion Ratio Lower Upper
278 100
139 25.0 9.1 13.7
279 42.5 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.706 ng/ul
RT: 25.997 min Scan# 5706
Delta R.T. -0.007 min
Lab File: BM046675.D
Acq: 17 Jul 2024 18:14



Tgt Ion:276 Resp: 29854
Ion Ratio Lower Upper
276 100
138 13.0 10.2 15.4
277 25.4 20.9 31.3

