

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046673.D
 Acq On : 17 Jul 2024 16:59
 Operator : MA/JU
 Sample : P3100-08DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BW6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 18:05:29 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	3023	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.253	136	8344	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	5801	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.891	188	12928	0.400	ng/ul	0.00
17) Chrysene-d12	21.100	240	10303	0.400	ng/ul	0.00
23) Perylene-d12	23.239	264	11187	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1590	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	678	0.050	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	1641	0.052	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.303	128	989	0.047	ng/ul#	83
7) 2-Methylnaphthalene	11.925	142	522	0.035	ng/ul	96
8) 1-Methylnaphthalene	12.151	142	435	0.029	ng/ul	97
10) Acenaphthylene	13.858	152	2314	0.088	ng/ul	94
11) Acenaphthene	14.200	153	2396	0.135	ng/ul	99
12) Fluorene	15.195	166	5419	0.248	ng/ul	98
15) Phenanthrene	16.933	178	89202	2.418	ng/ul	98
16) Anthracene	17.026	178	22391	0.622	ng/ul	98
19) Fluoranthene	18.964	202	153566	3.629	ng/ul	99
20) Pyrene	19.326	202	118159	2.579	ng/ul	99
21) Benzo(a)anthracene	21.085	228	65701	1.441	ng/ul	100
22) Chrysene	21.138	228	54981	1.247	ng/ul	98
24) Benzo(b)fluoranthene	22.610	252	62545m	1.400	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	25217m	0.575	ng/ul	
26) Benzo(a)pyrene	23.145	252	45134m	1.227	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.357	276	27445	0.490	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.367	278	7576	0.171	ng/ul#	76
29) Benzo(g,h,i)perylene	26.001	276	23820	0.533	ng/ul	99

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

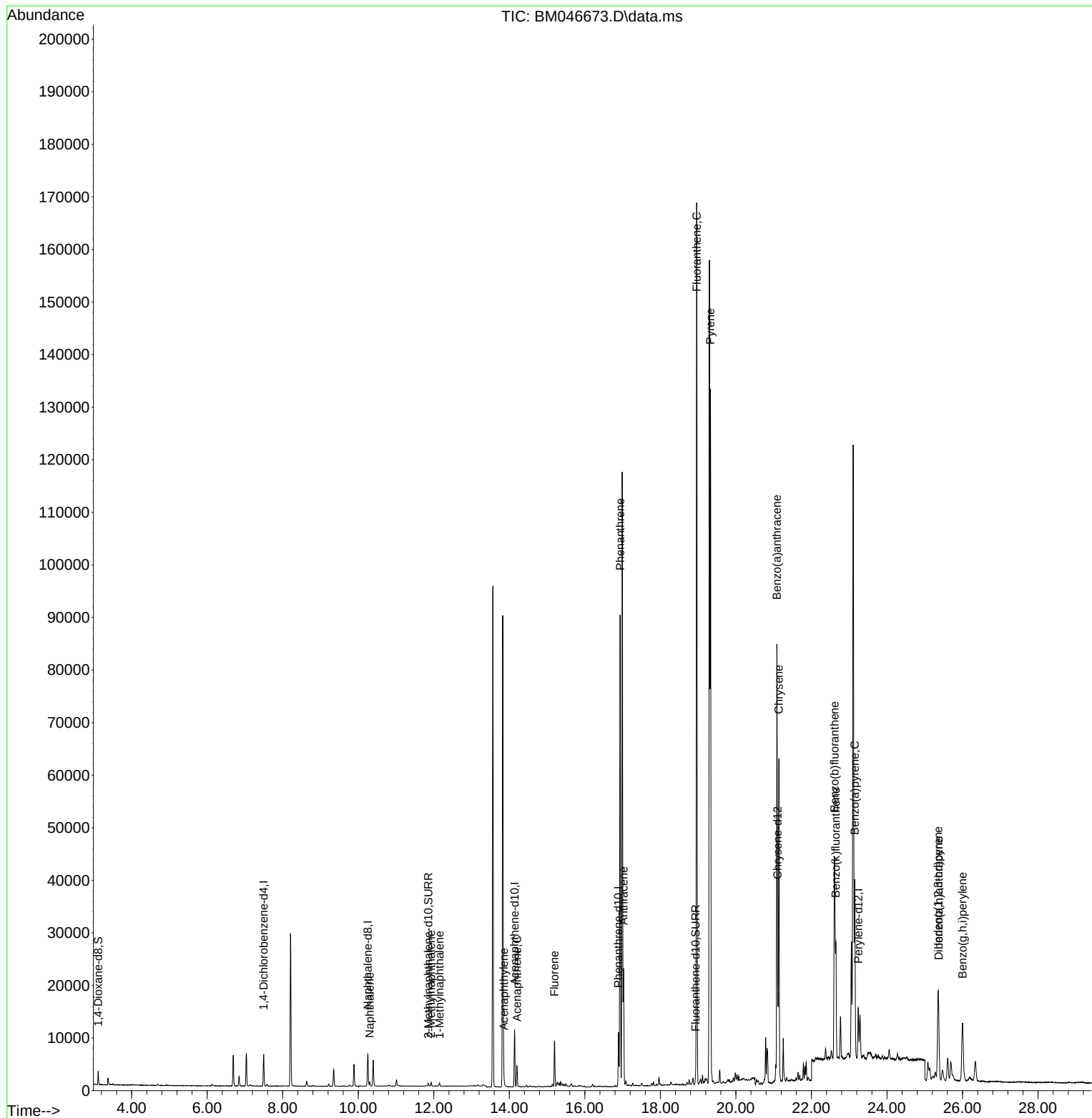
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046673.D
Acq On : 17 Jul 2024 16:59
Operator : MA/JU
Sample : P3100-08DL 5X
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ALS Vial : 9 Sample Multiplier: 1

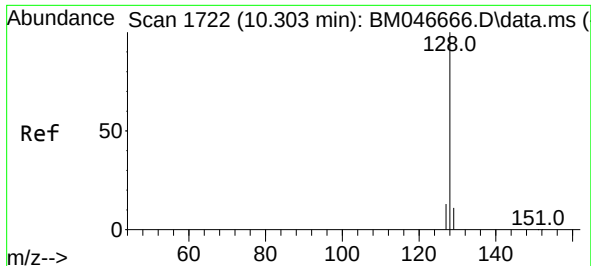
Instrument :
BNA_M
ClientSampleId :
A4BW6DL

Quant Time: Jul 17 18:05:29 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

Manual Integrations
APPROVED

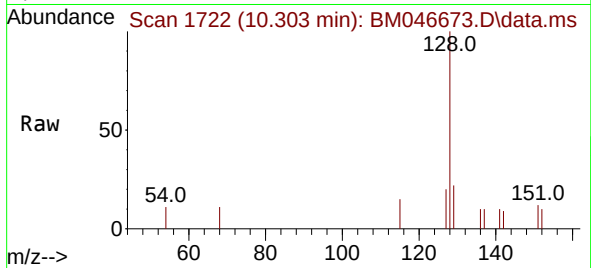
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.303 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

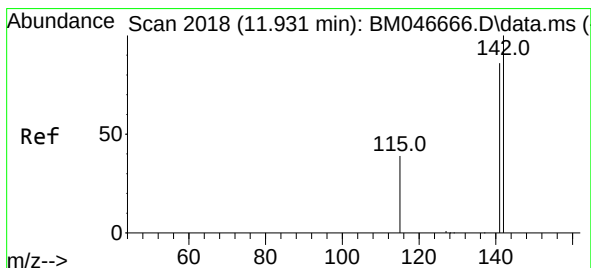
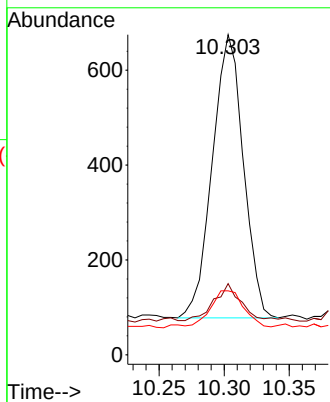
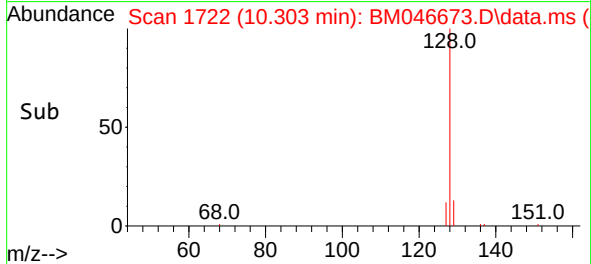
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



Tgt Ion:128 Resp: 989
Ion Ratio Lower Upper
128 100
129 22.2 10.3 15.5
127 20.0 12.2 18.4

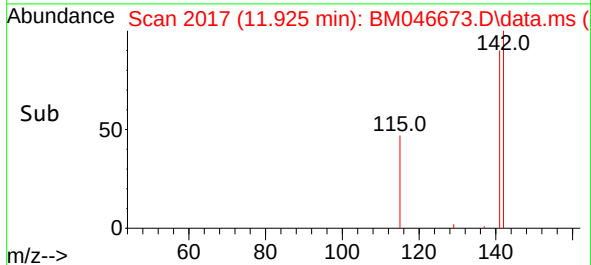
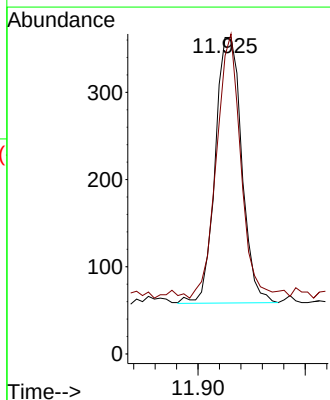
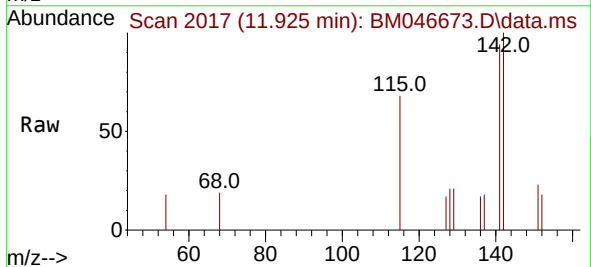
Manual Integrations
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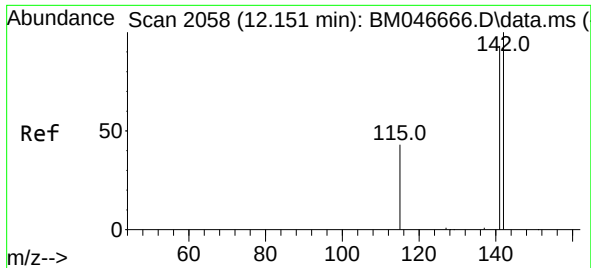
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.925 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

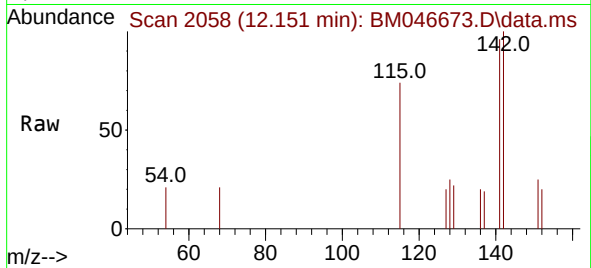
Tgt Ion:142 Resp: 522
Ion Ratio Lower Upper
142 100
141 91.8 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.029 ng/uI
RT: 12.151 min Scan# 2058
Delta R.T. -0.013 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

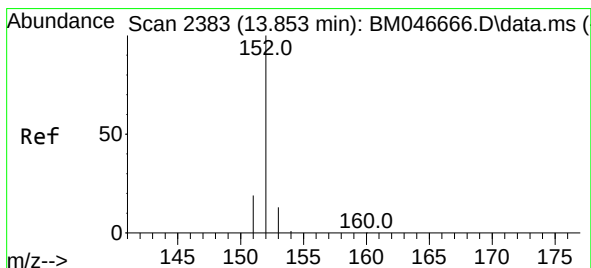
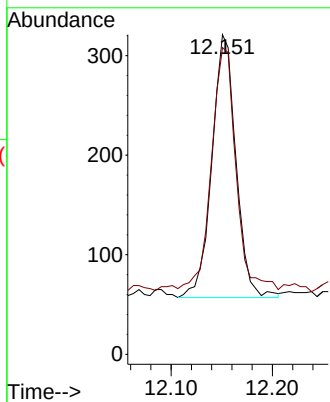
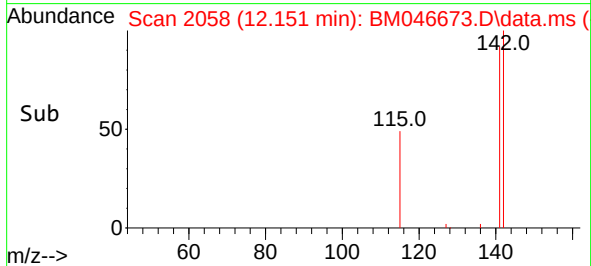
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



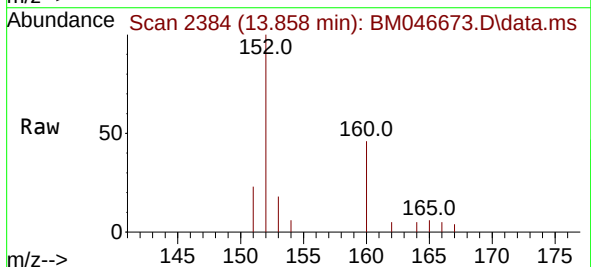
Tgt Ion:142 Resp: 435
Ion Ratio Lower Upper
142 100
141 95.4 73.9 110.9

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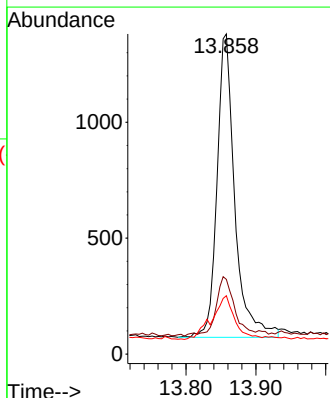
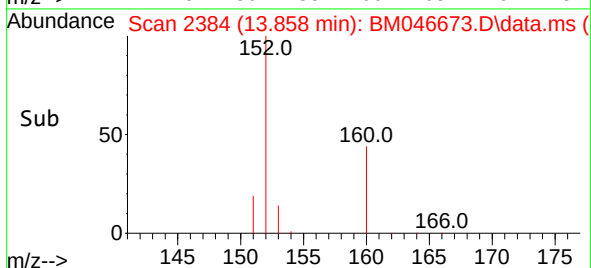
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

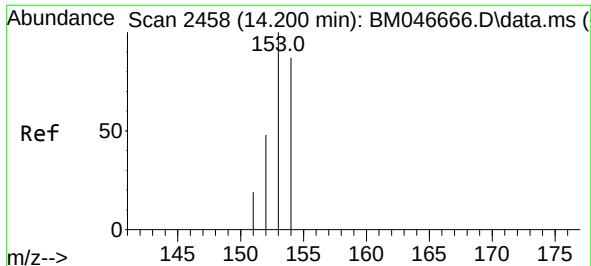


#10
Acenaphthylene
Concen: 0.088 ng/uI
RT: 13.858 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59



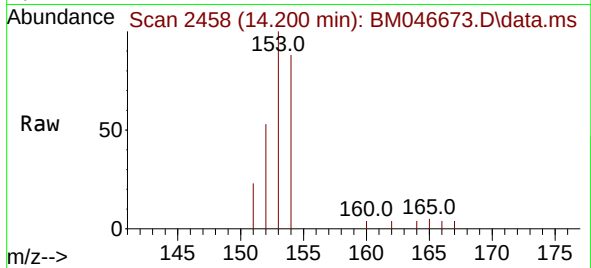
Tgt Ion:152 Resp: 2314
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 18.2 12.4 18.6





#11
Acenaphthene
Concen: 0.135 ng/u1
RT: 14.200 min Scan# 2458
Delta R.T. -0.011 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

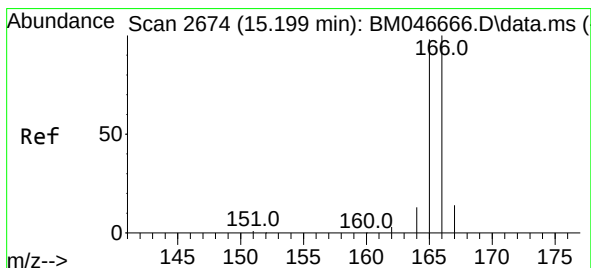
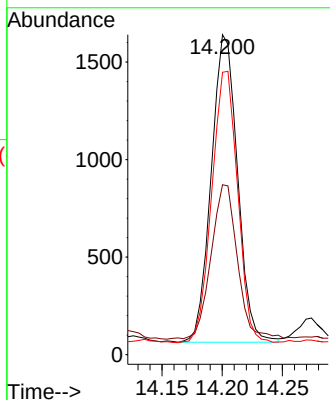
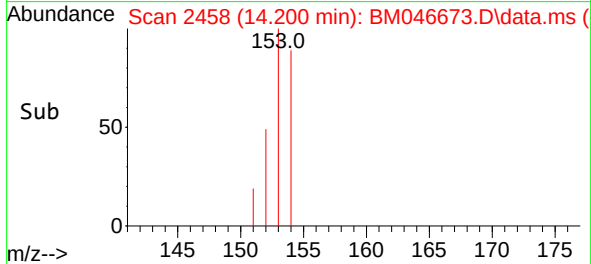
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



Tgt Ion:153 Resp: 2390
Ion Ratio Lower Upper
153 100
152 53.1 43.0 64.6
154 88.2 69.9 104.9

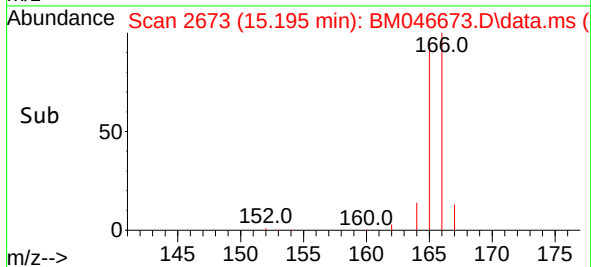
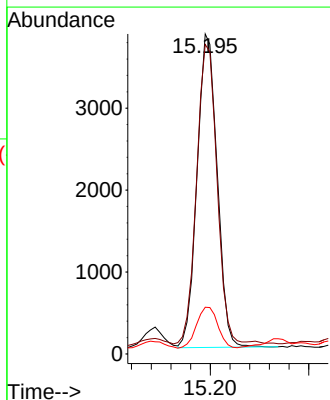
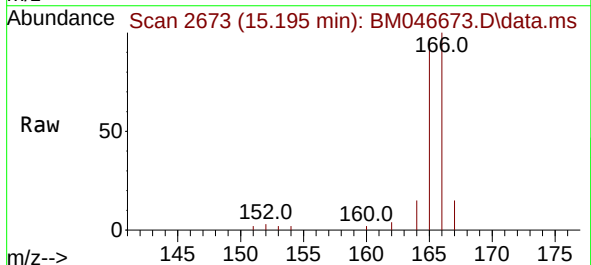
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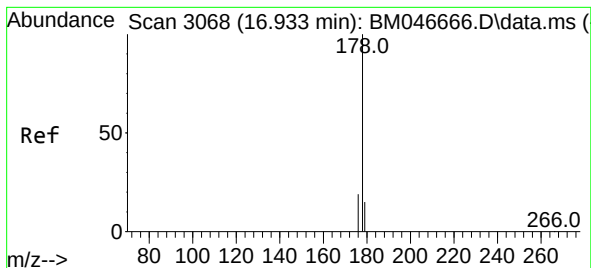
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.248 ng/u1
RT: 15.195 min Scan# 2673
Delta R.T. -0.011 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

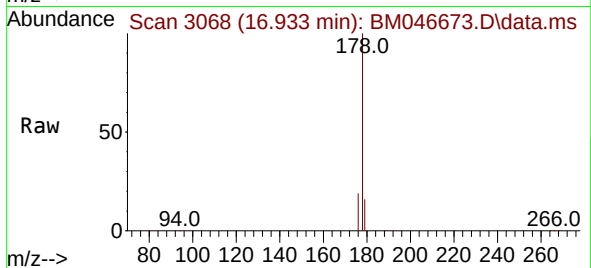
Tgt Ion:166 Resp: 5419
Ion Ratio Lower Upper
166 100
165 96.7 76.1 114.1
167 14.6 12.5 18.7





#15
Phenanthrene
Concen: 2.418 ng/u1
RT: 16.933 min Scan# 3068
Delta R.T. -0.010 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

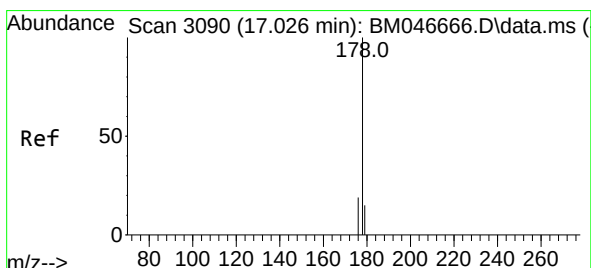
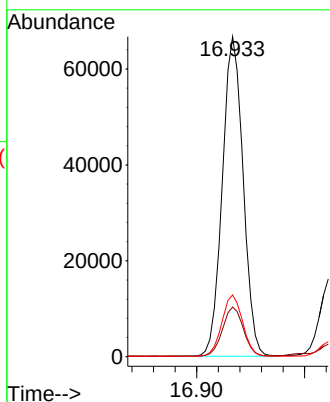
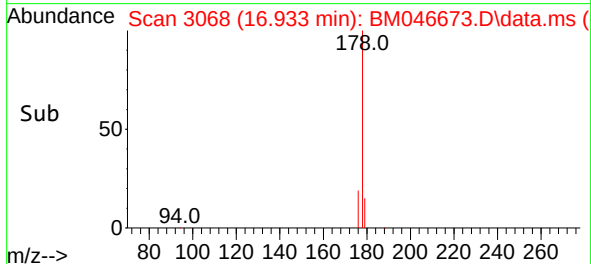
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



Tgt Ion:178 Resp: 8920
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.3 16.0 24.0

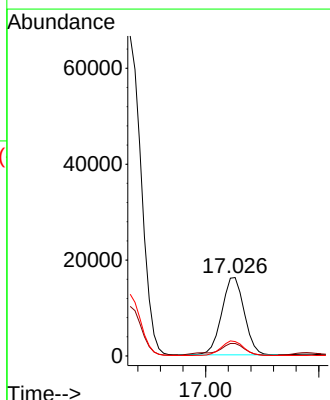
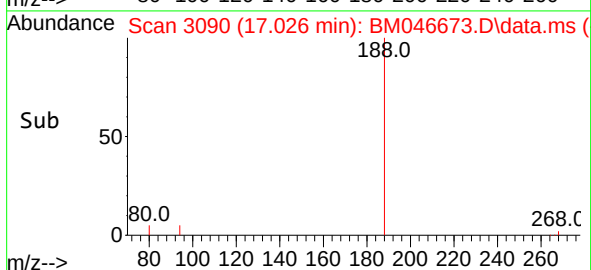
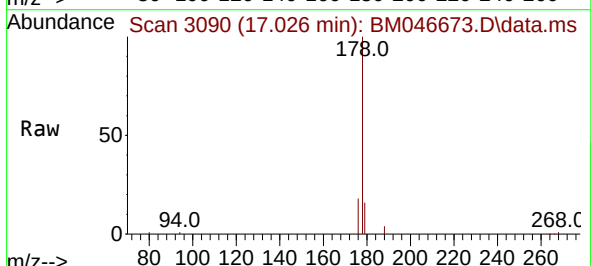
Manual Integrations
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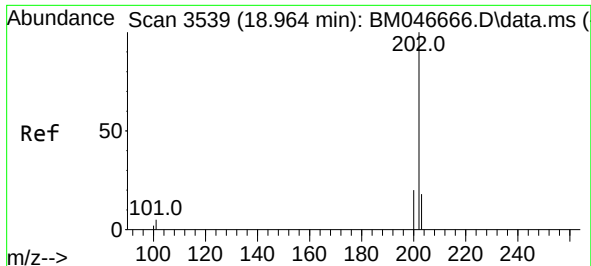
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.622 ng/u1
RT: 17.026 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

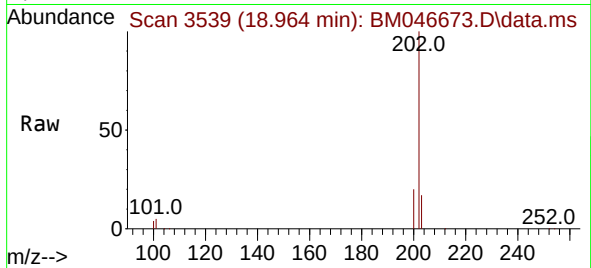
Tgt Ion:178 Resp: 22391
Ion Ratio Lower Upper
178 100
179 16.0 13.5 20.3
176 18.4 15.7 23.5





#19
Fluoranthene
Concen: 3.629 ng/u1
RT: 18.964 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

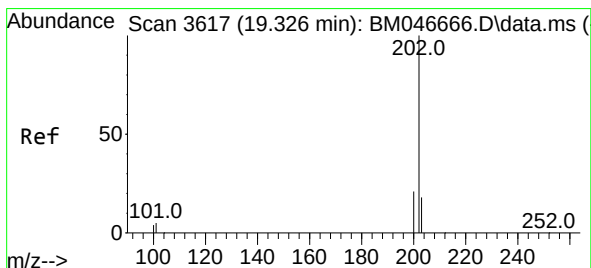
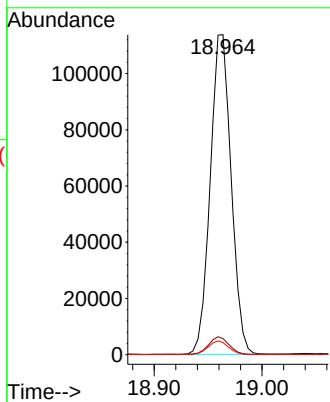
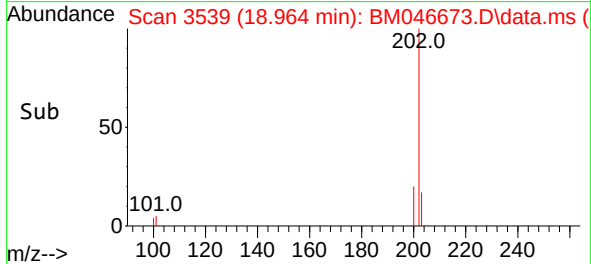
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



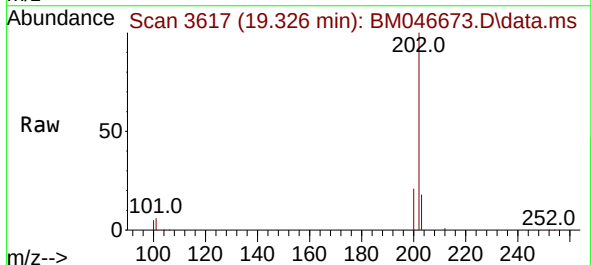
Tgt Ion:202 Resp: 15356
Ion Ratio Lower Upper
202 100
101 5.0 4.6 6.8
100 3.8 3.0 4.6

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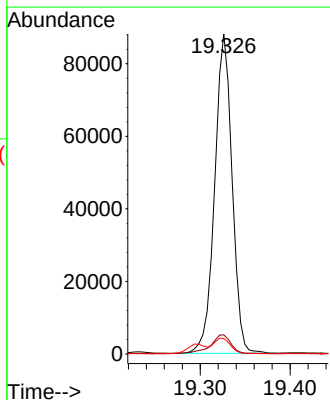
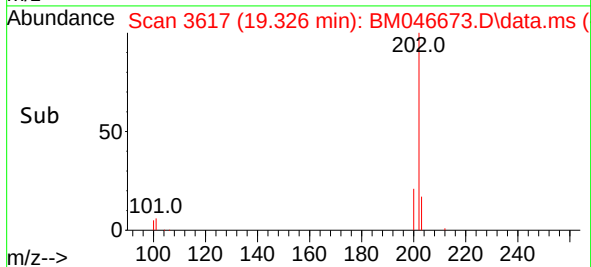
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

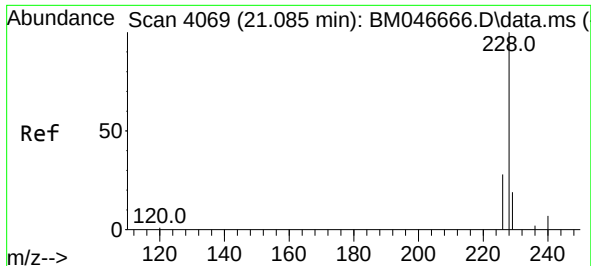


#20
Pyrene
Concen: 2.579 ng/u1
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59



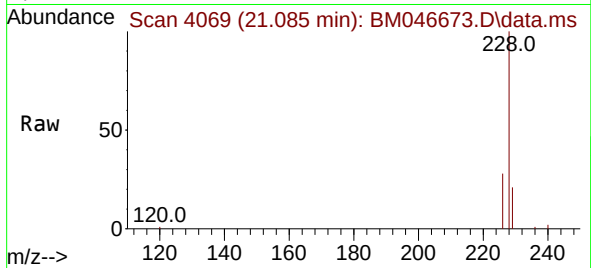
Tgt Ion:202 Resp: 118159
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.441 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

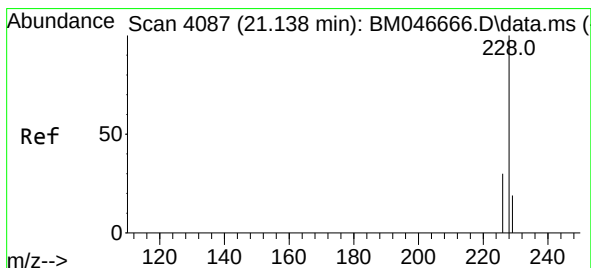
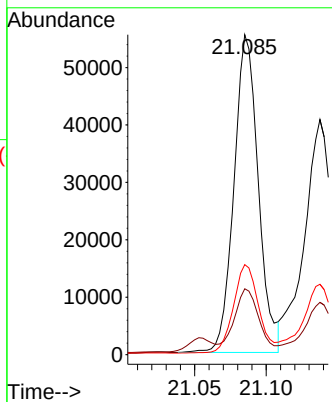
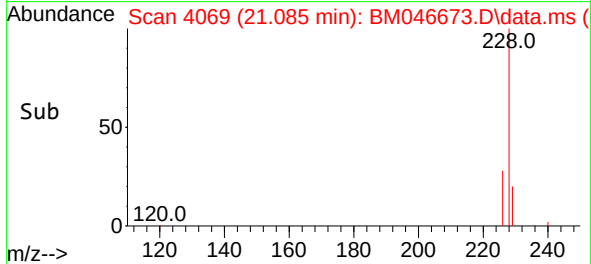
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



Tgt Ion:228 Resp: 6570
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 28.1 22.5 33.7

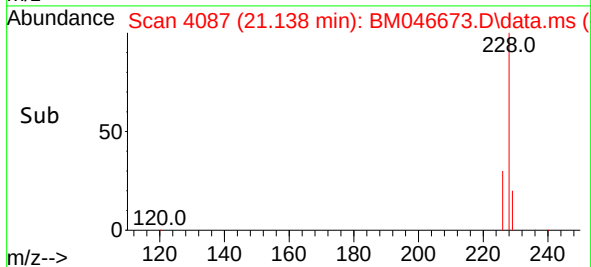
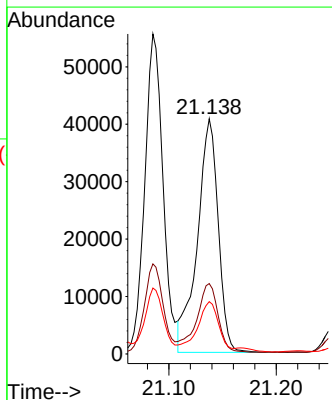
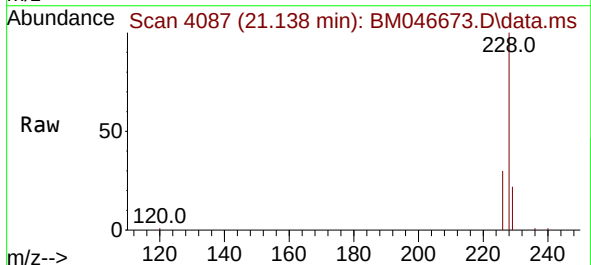
Manual Integrations
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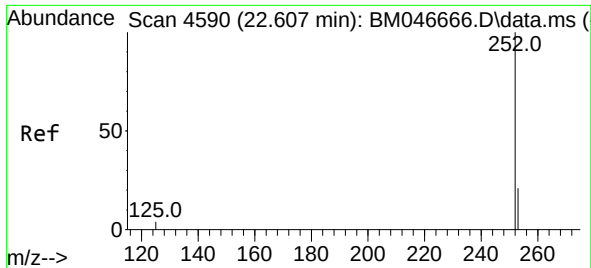
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 1.247 ng/ul
RT: 21.138 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

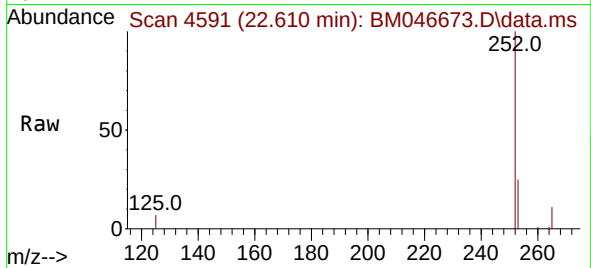
Tgt Ion:228 Resp: 54981
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.400 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. 0.000 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

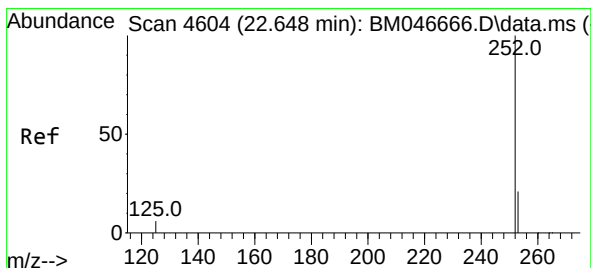
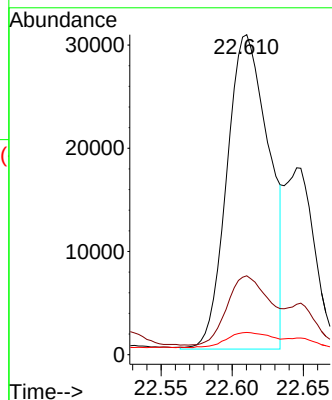
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



Tgt Ion:252 Resp: 62549
Ion Ratio Lower Upper
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253 24.6 0.0 56.2
125 7.0 0.0 17.8

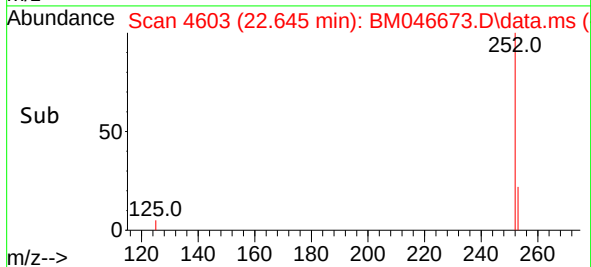
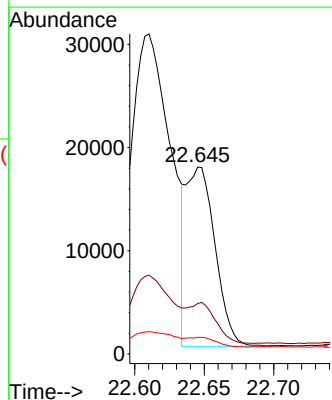
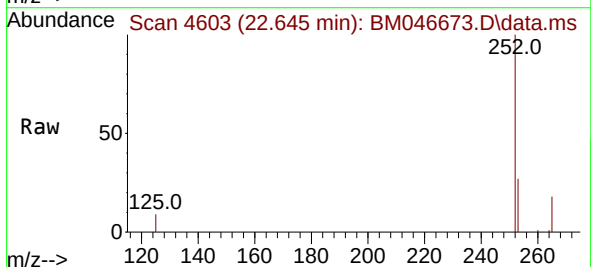
Manual Integrations
APPROVED

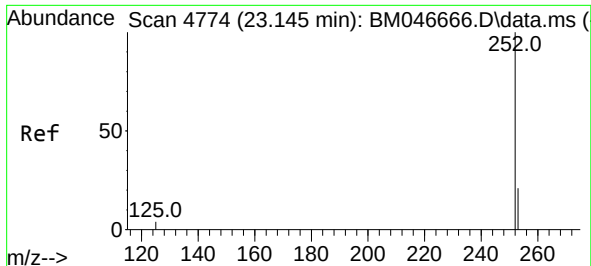
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.575 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

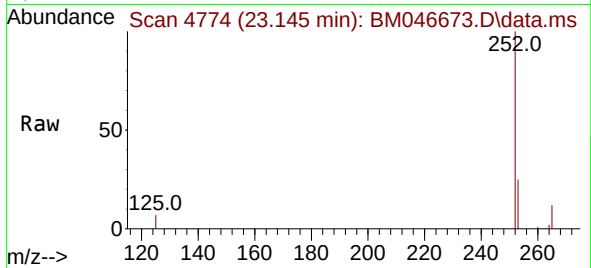
Tgt Ion:252 Resp: 25217
Ion Ratio Lower Upper
252 100
253 27.0 22.4 33.6
125 8.9 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.227 ng/ul m
RT: 23.145 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

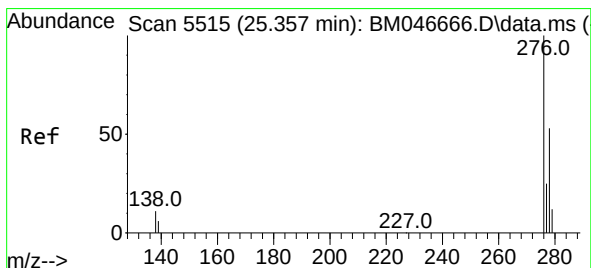
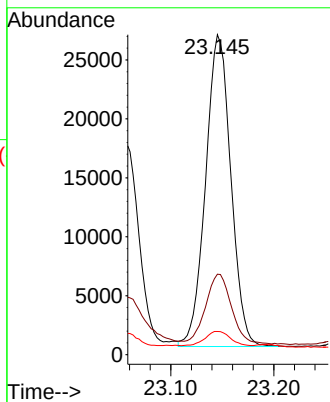
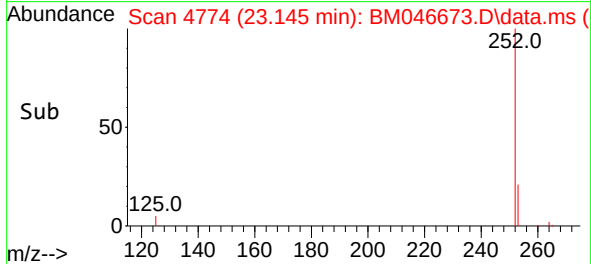
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



Tgt Ion:252 Resp: 45134
Ion Ratio Lower Upper
252 100
253 25.2 24.0 36.0
125 7.3 8.2 12.2

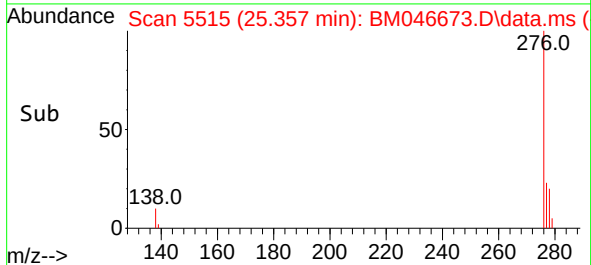
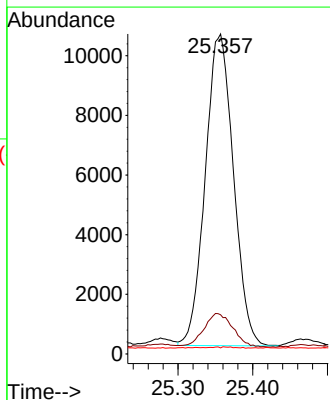
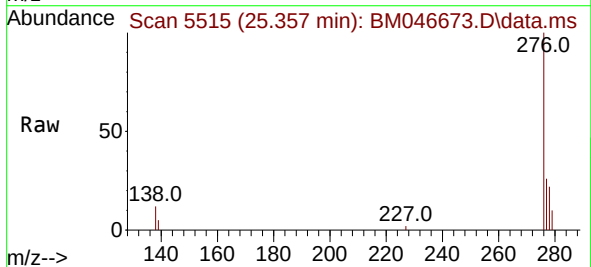
Manual Integrations
APPROVED

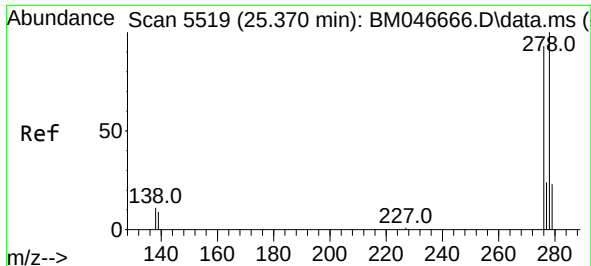
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.490 ng/ul
RT: 25.357 min Scan# 5515
Delta R.T. -0.003 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

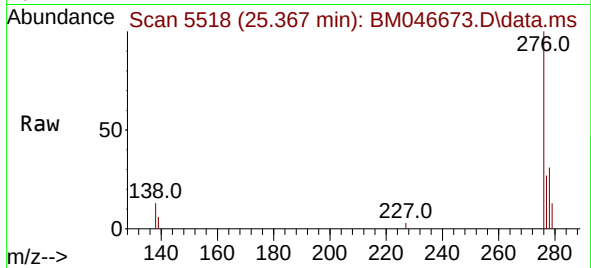
Tgt Ion:276 Resp: 27445
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.171 ng/ul
RT: 25.367 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59

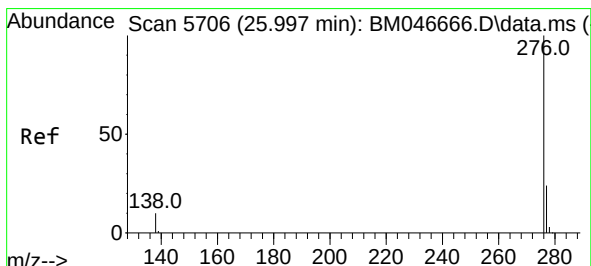
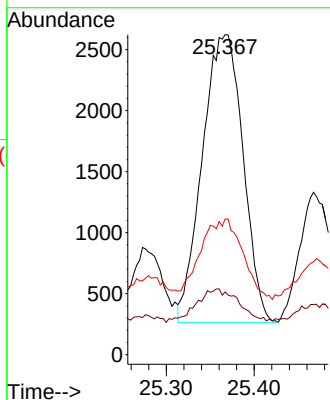
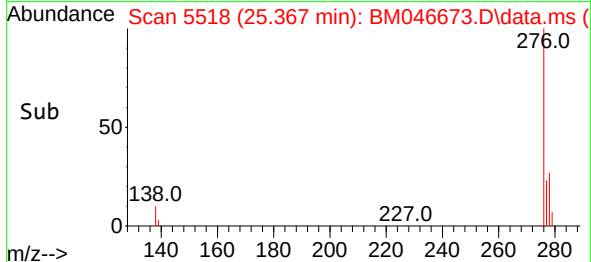
Instrument :
BNA_M
ClientSampleId :
A4BW6DL



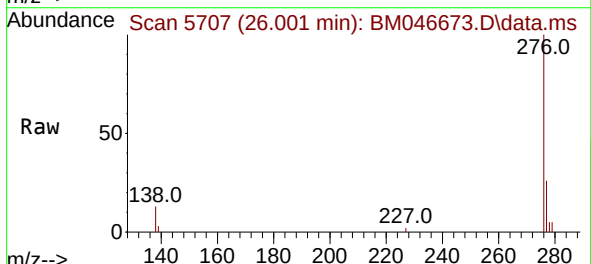
Tgt Ion:278 Resp: 7570
Ion Ratio Lower Upper
278 100
139 19.6 9.1 13.7
279 42.4 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.533 ng/ul
RT: 26.001 min Scan# 5707
Delta R.T. -0.003 min
Lab File: BM046673.D
Acq: 17 Jul 2024 16:59



Tgt Ion:276 Resp: 23820
Ion Ratio Lower Upper
276 100
138 13.4 10.2 15.4
277 26.3 20.9 31.3

