

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046661.D
 Acq On : 17 Jul 2024 08:57
 Operator : MA/JU
 Sample : P3100-14
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY0

Manual Integrations
 APPROVED

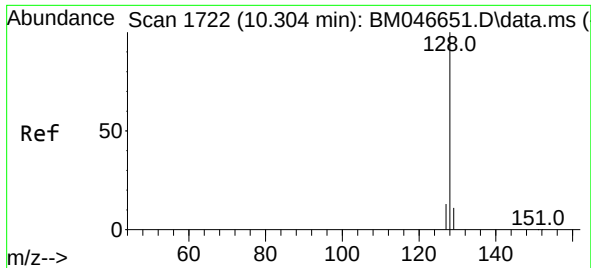
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 10:56:29 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)

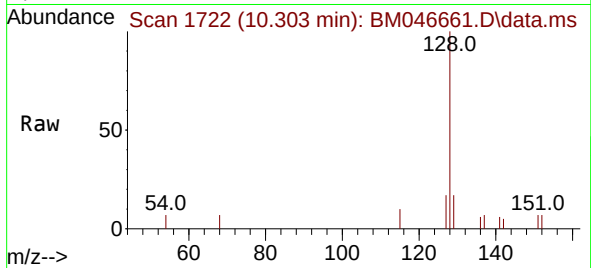
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	3649	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.253	136	10110	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	6901	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.895	188	15301m	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	11348	0.400	ng/ul	# 0.00
23) Perylene-d12	23.242	264	11871	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	9330	3.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	4024	0.247	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	10622	0.308	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.303	128	1823	0.071	ng/ul#	93
7) 2-Methylnaphthalene	11.931	142	561	0.031	ng/ul	96
8) 1-Methylnaphthalene	12.156	142	372	0.020	ng/ul	94
10) Acenaphthylene	13.858	152	3982	0.127	ng/ul#	92
11) Acenaphthene	14.200	153	1220	0.058	ng/ul	96
12) Fluorene	15.199	166	1570	0.060	ng/ul#	84
15) Phenanthrene	16.933	178	34038	0.780	ng/ul	99
16) Anthracene	17.026	178	7051	0.165	ng/ul#	90
19) Fluoranthene	18.964	202	76471	1.641	ng/ul	100
20) Pyrene	19.326	202	55197	1.094	ng/ul	99
21) Benzo(a)anthracene	21.088	228	34733	0.692	ng/ul#	75
22) Chrysene	21.137	228	38780	0.798	ng/ul#	82
24) Benzo(b)fluoranthene	22.610	252	51599m	1.088	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	20378m	0.438	ng/ul	
26) Benzo(a)pyrene	23.151	252	20489	0.525	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.360	276	20969	0.353	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	7981	0.170	ng/ul#	20
29) Benzo(g,h,i)perylene	26.004	276	3290	0.069	ng/ul#	39

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



#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.303 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

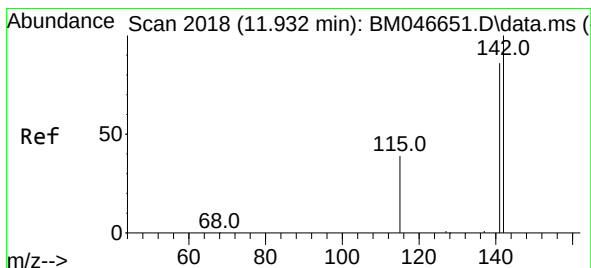
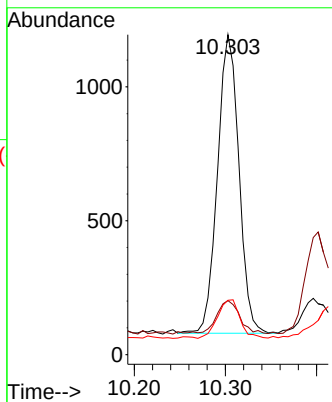
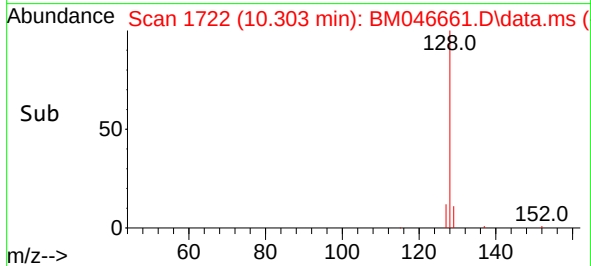
Instrument :
BNA_M
ClientSampleId :
A4BY0



Tgt Ion:128 Resp: 182
Ion Ratio Lower Upper
128 100
129 16.9 10.3 15.5
127 17.0 12.2 18.4

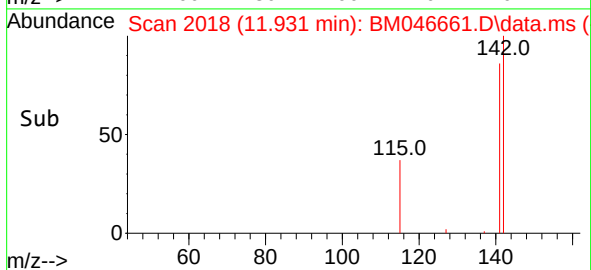
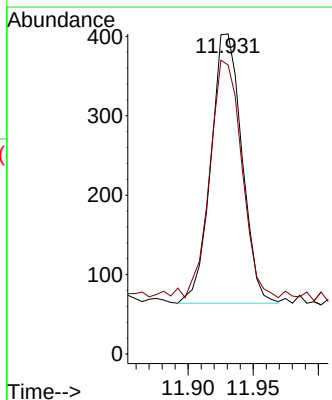
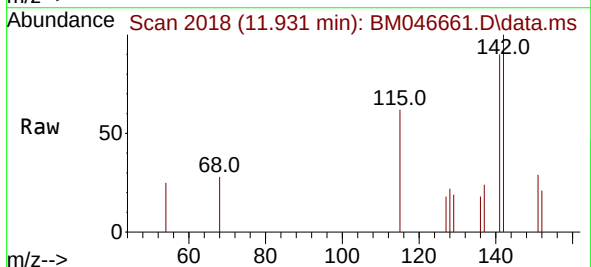
Manual Integrations
APPROVED

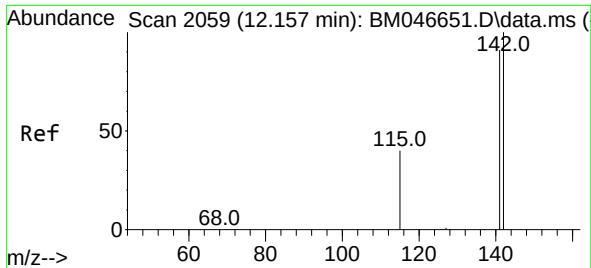
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.931 min Scan# 2018
Delta R.T. -0.013 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

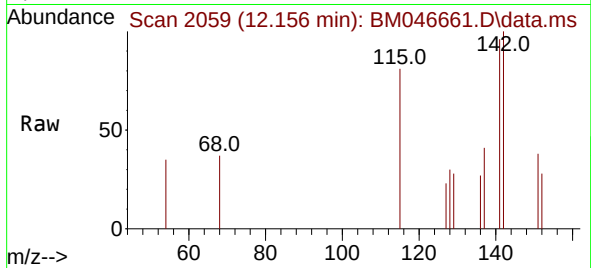
Tgt Ion:142 Resp: 561
Ion Ratio Lower Upper
142 100
141 91.3 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

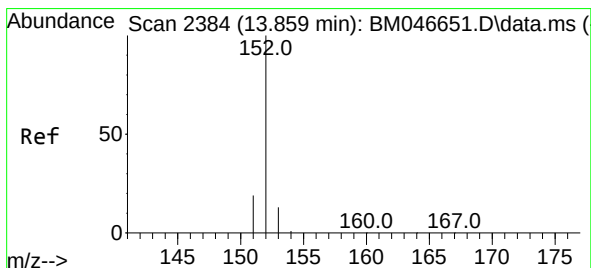
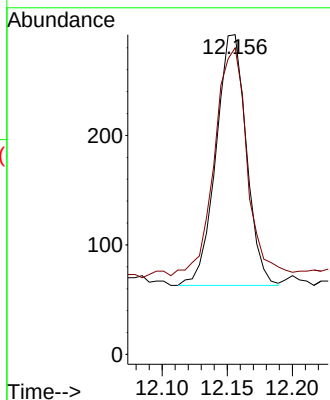
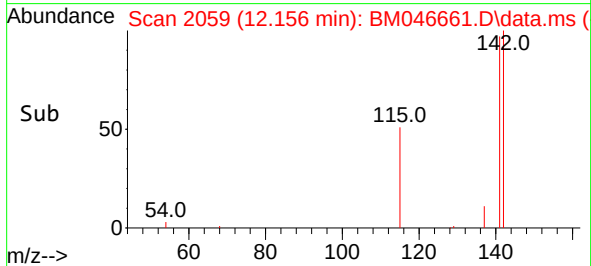
Instrument :
BNA_M
ClientSampleId :
A4BY0



Tgt Ion:142 Resp: 372
Ion Ratio Lower Upper
142 100
141 98.1 73.9 110.9

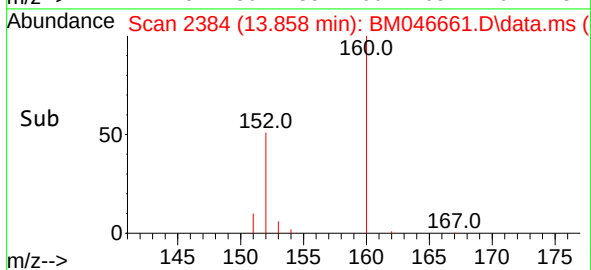
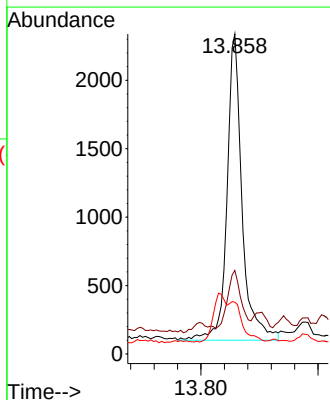
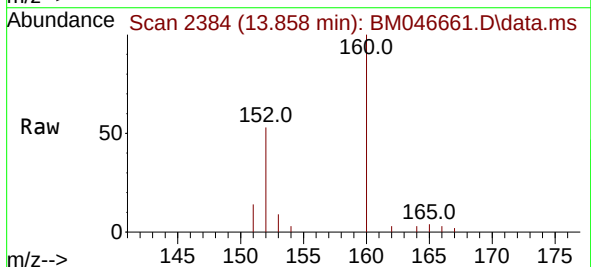
Manual Integrations
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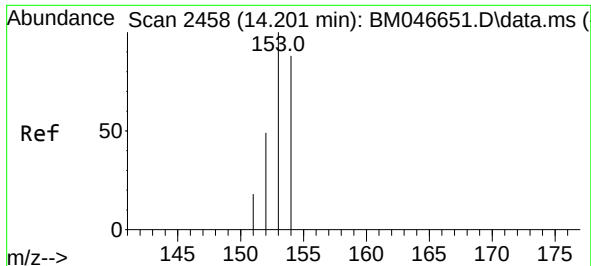
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.127 ng/ul
RT: 13.858 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

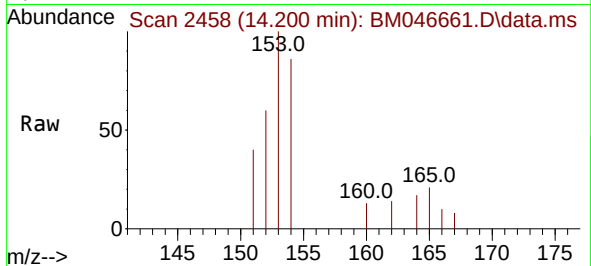
Tgt Ion:152 Resp: 3982
Ion Ratio Lower Upper
152 100
151 26.1 16.4 24.6#
153 16.2 12.4 18.6





#11
Acenaphthene
Concen: 0.058 ng/ul
RT: 14.200 min Scan# 2458
Delta R.T. -0.011 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

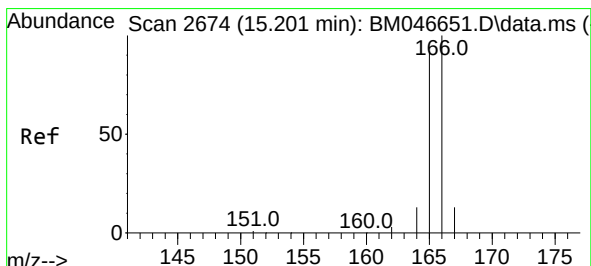
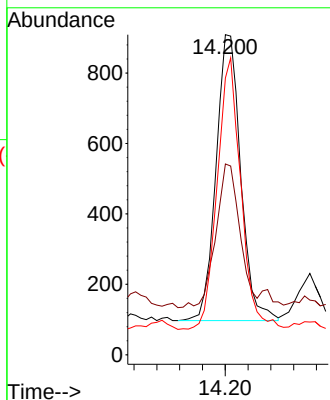
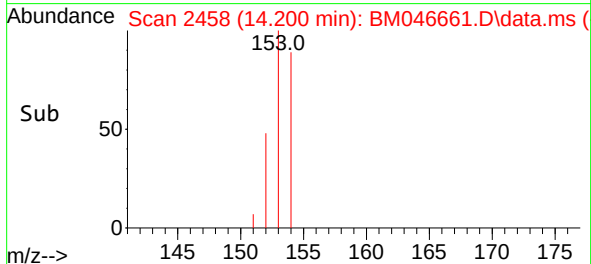
Instrument :
BNA_M
ClientSampleId :
A4BY0



Tgt Ion:153 Resp: 1220
Ion Ratio Lower Upper
153 100
152 59.6 43.0 64.6
154 86.5 69.9 104.9

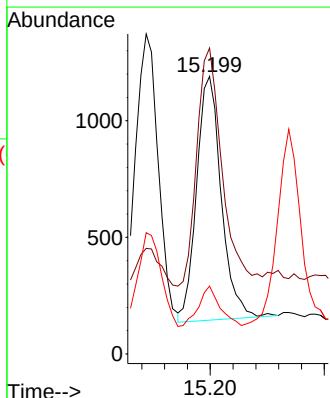
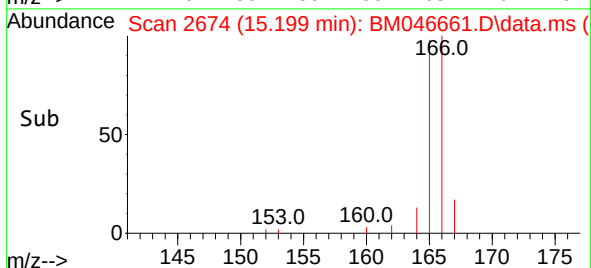
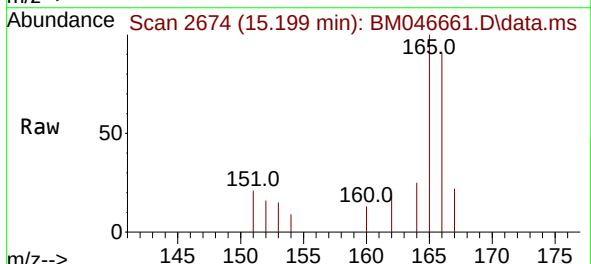
Manual Integrations
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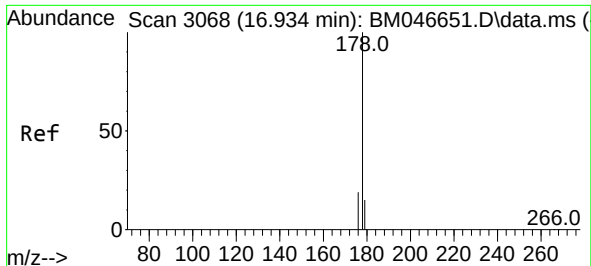
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.199 min Scan# 2674
Delta R.T. -0.006 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

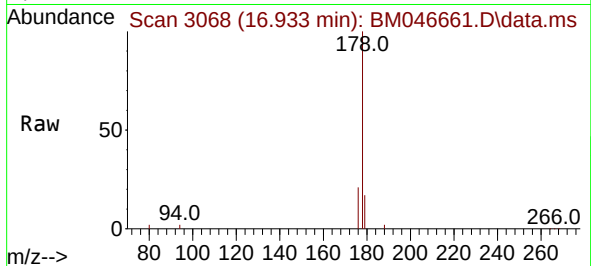
Tgt Ion:166 Resp: 1570
Ion Ratio Lower Upper
166 100
165 110.3 76.1 114.1
167 24.5 12.5 18.7#





#15
Phenanthrene
Concen: 0.780 ng/ul
RT: 16.933 min Scan# 3068
Delta R.T. -0.010 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

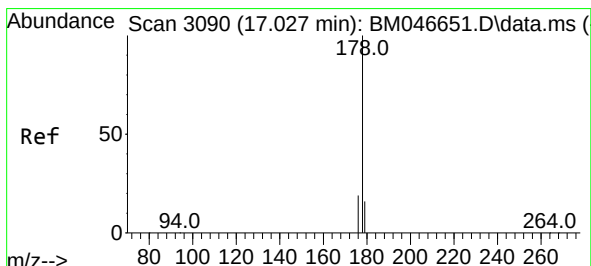
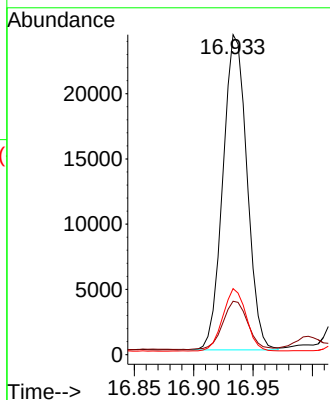
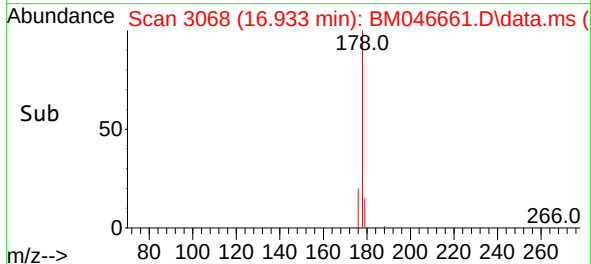
Instrument :
BNA_M
ClientSampleId :
A4BY0



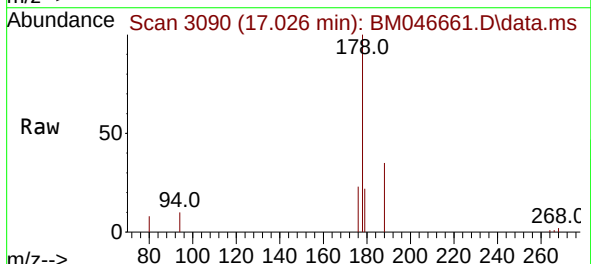
Tgt Ion:178 Resp: 34038
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 20.6 16.0 24.0

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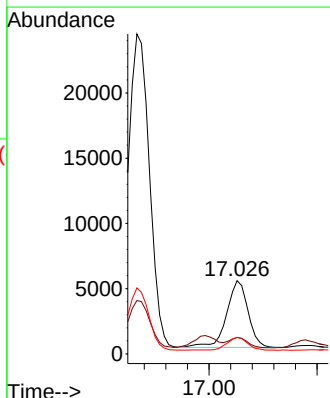
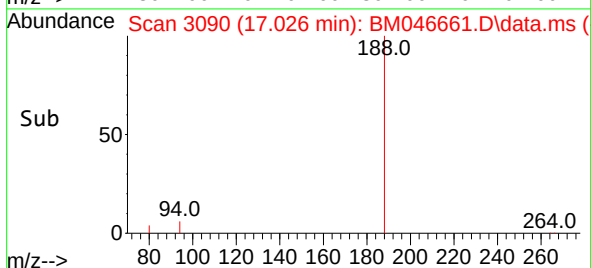
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

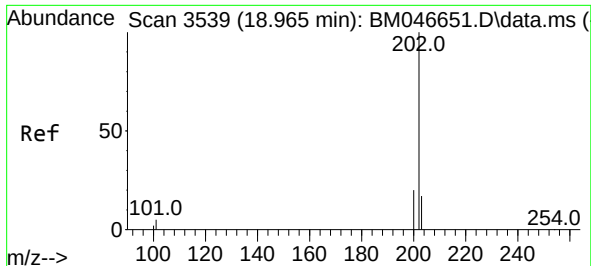


#16
Anthracene
Concen: 0.165 ng/ul
RT: 17.026 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57



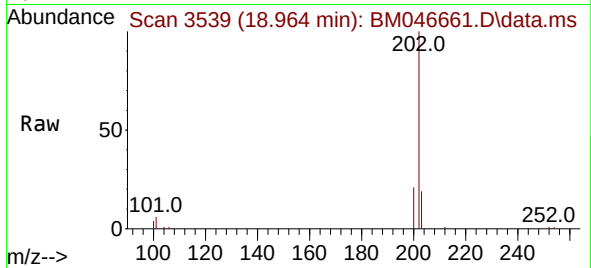
Tgt Ion:178 Resp: 7051
Ion Ratio Lower Upper
178 100
179 22.4 13.5 20.3#
176 22.8 15.7 23.5





#19
Fluoranthene
Concen: 1.641 ng/ul
RT: 18.964 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

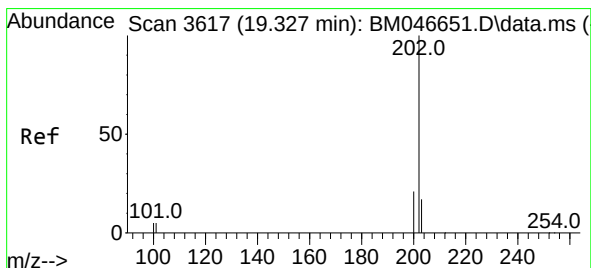
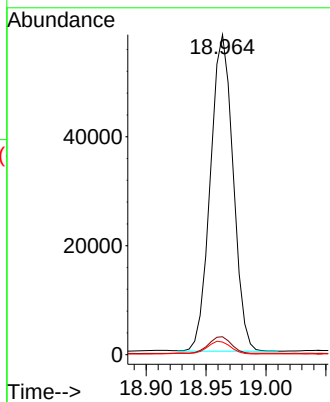
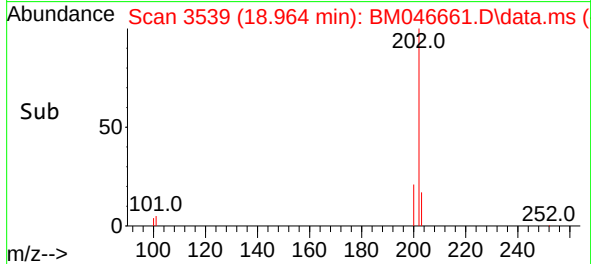
Instrument :
BNA_M
ClientSampleId :
A4BY0



Tgt Ion:202 Resp: 7647
Ion Ratio Lower Upper
202 100
101 5.6 4.6 6.8
100 3.9 3.0 4.6

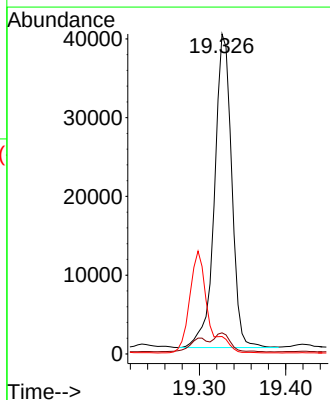
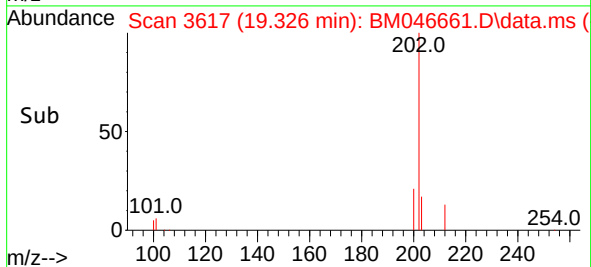
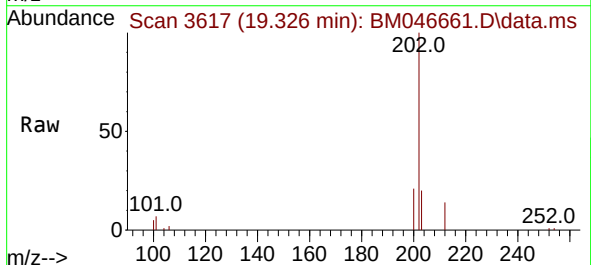
Manual Integrations
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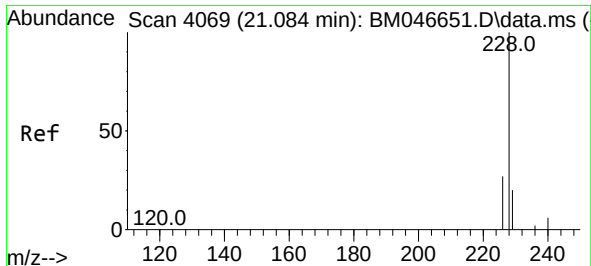
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 1.094 ng/ul
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

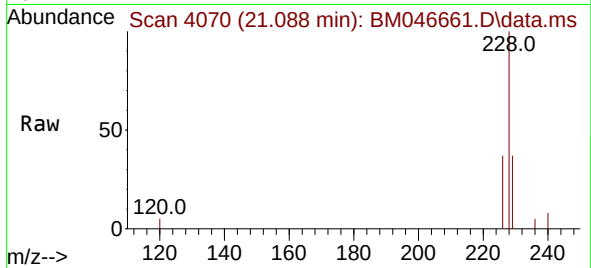
Tgt Ion:202 Resp: 55197
Ion Ratio Lower Upper
202 100
101 6.6 5.1 7.7
100 5.4 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.692 ng/u1
RT: 21.088 min Scan# 4069
Delta R.T. 0.000 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

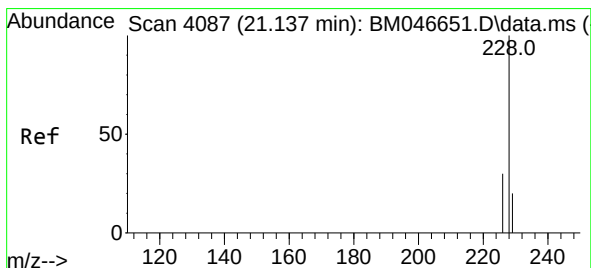
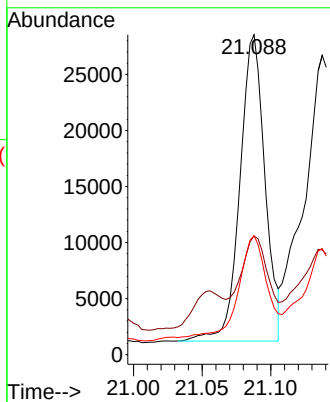
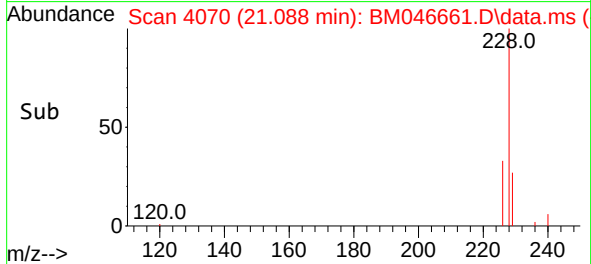
Instrument :
BNA_M
ClientSampleId :
A4BY0



Tgt Ion:228 Resp: 3473
Ion Ratio Lower Upper
228 100
229 37.1 16.5 24.7
226 37.2 22.5 33.7

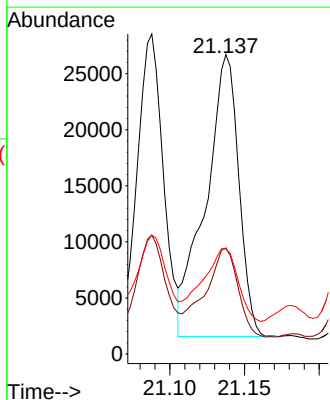
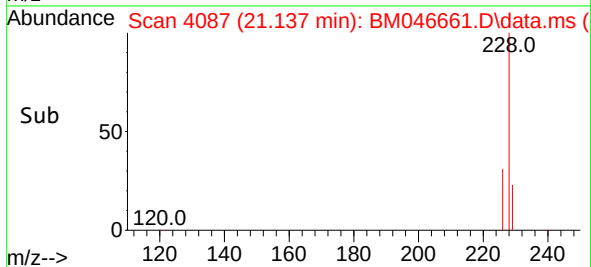
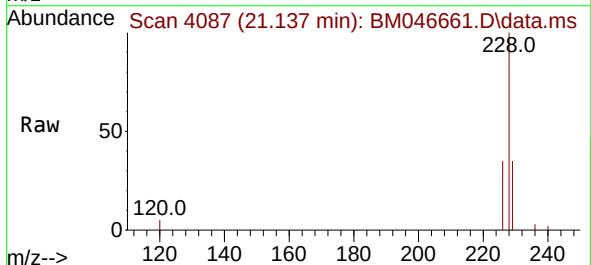
Manual Integrations
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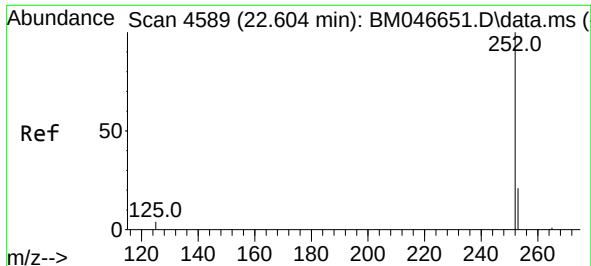
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.798 ng/u1
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

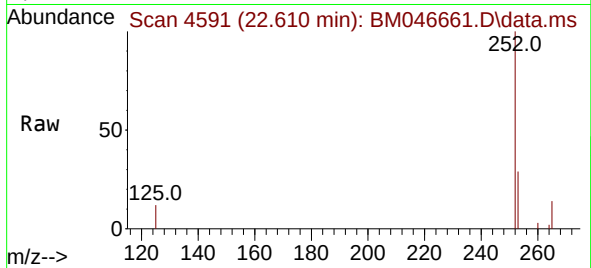
Tgt Ion:228 Resp: 38780
Ion Ratio Lower Upper
228 100
226 35.5 24.3 36.5
229 35.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.088 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. 0.000 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

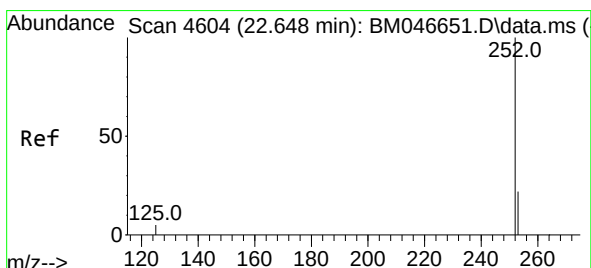
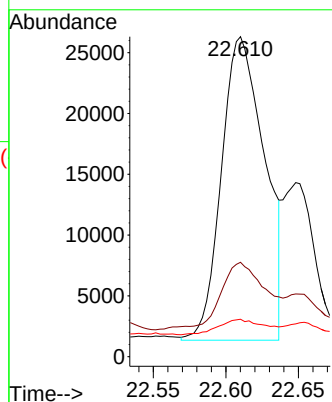
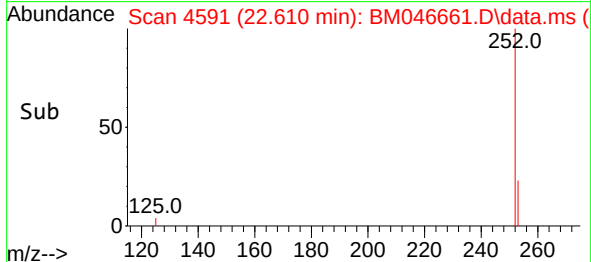
Instrument :
BNA_M
ClientSampleId :
A4BY0



Tgt Ion:252 Resp: 51599
Ion Ratio Lower Upper
252 100
253 29.5 0.0 56.2
125 11.7 0.0 17.8

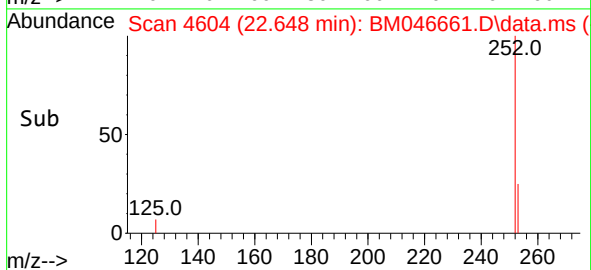
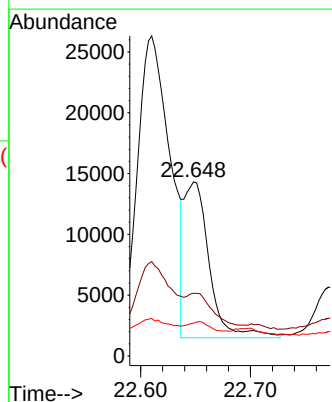
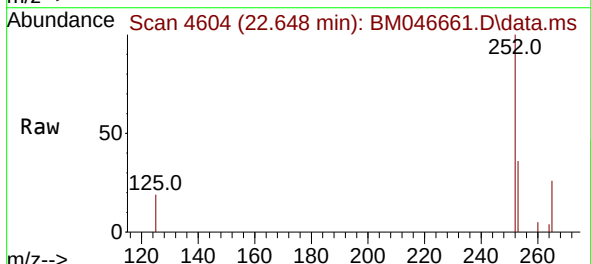
Manual Integrations
APPROVED

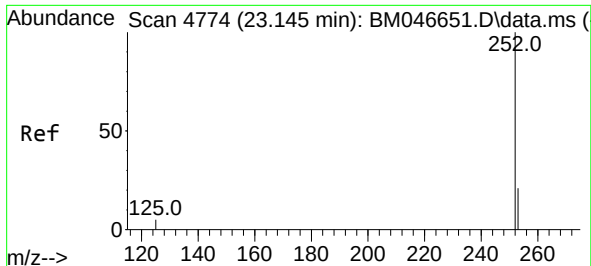
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

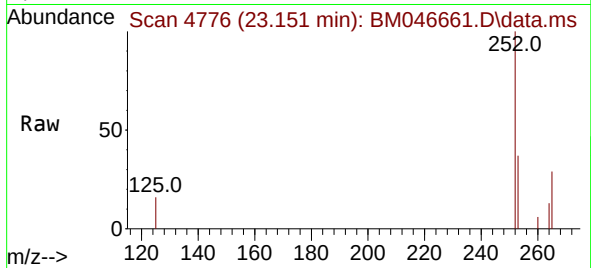
Tgt Ion:252 Resp: 20378
Ion Ratio Lower Upper
252 100
253 36.0 22.4 33.6#
125 18.9 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.525 ng/ul
RT: 23.151 min Scan# 4776
Delta R.T. 0.000 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

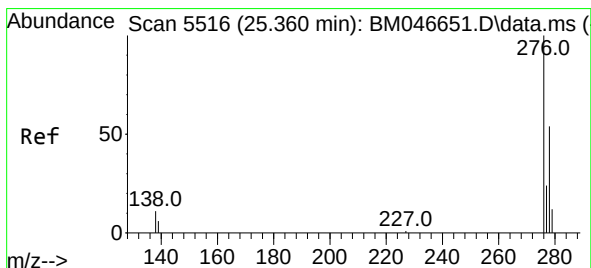
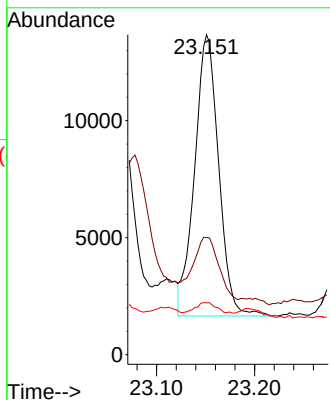
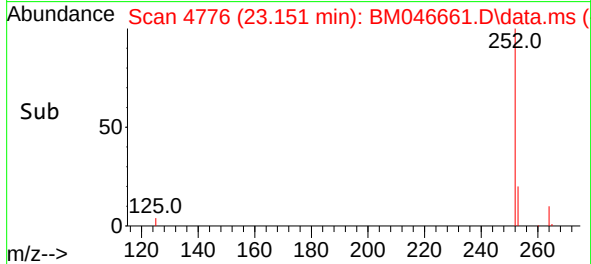
Instrument :
BNA_M
ClientSampleId :
A4BY0



Tgt Ion:252 Resp: 20489
Ion Ratio Lower Upper
252 100
253 36.6 24.0 36.0#
125 16.2 8.2 12.2#

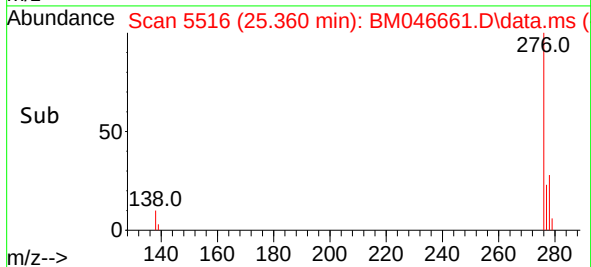
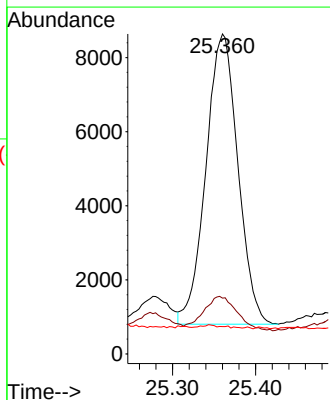
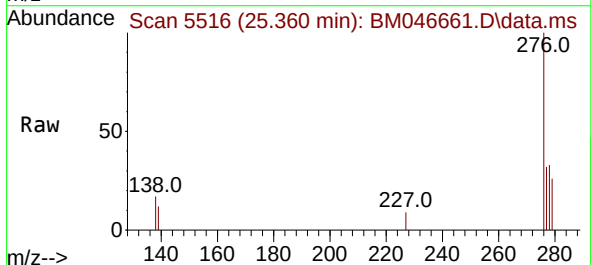
Manual Integrations
APPROVED

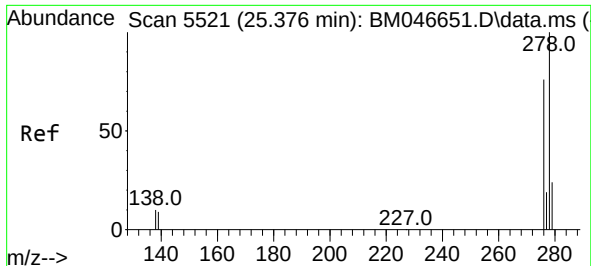
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. 0.000 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

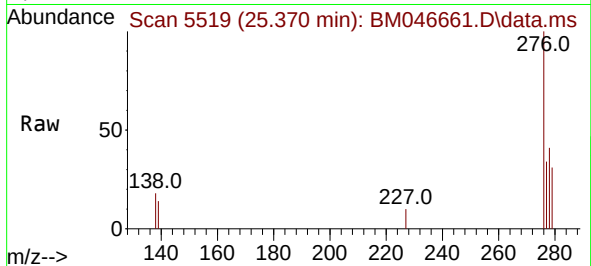
Tgt Ion:276 Resp: 20969
Ion Ratio Lower Upper
276 100
138 12.5 0.0 0.0#
227 0.8 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul
RT: 25.370 min Scan# 5521
Delta R.T. -0.013 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57

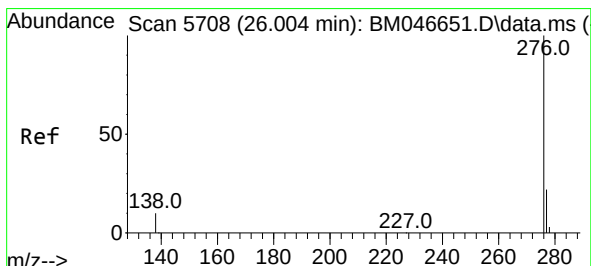
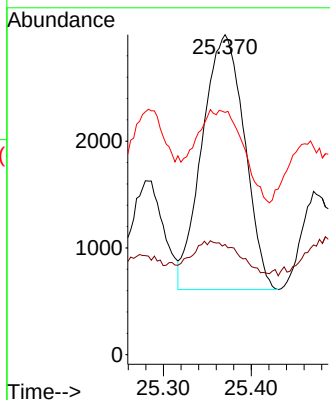
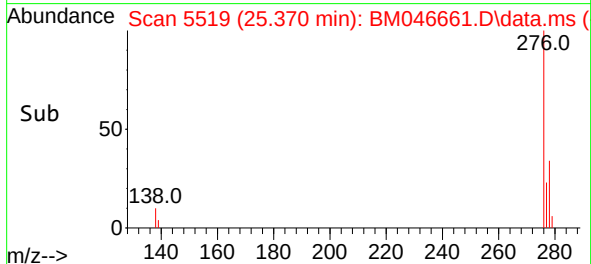
Instrument :
BNA_M
ClientSampleId :
A4BY0



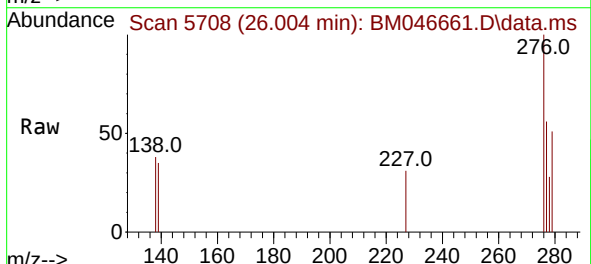
Tgt Ion:278 Resp: 798
Ion Ratio Lower Upper
278 100
139 34.5 9.1 13.7
279 75.7 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 26.004 min Scan# 5708
Delta R.T. 0.000 min
Lab File: BM046661.D
Acq: 17 Jul 2024 08:57



Tgt Ion:276 Resp: 3290
Ion Ratio Lower Upper
276 100
138 37.7 10.2 15.4#
277 56.5 20.9 31.3#

