

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046563.D
 Acq On : 13 Jul 2024 02:17
 Operator : MA/JU
 Sample : P3087-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 02:51:32 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 : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3368	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	9082	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	5731	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.903	188	12619m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9710	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	9736m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	8495	3.070	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	3358	0.229	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	8048	0.272	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.319	128	1126	0.049	ng/ul#	86
7) 2-Methylnaphthalene	11.941	142	473	0.029	ng/ul	95
10) Acenaphthylene	13.867	152	2094	0.080	ng/ul#	90
11) Acenaphthene	14.214	153	566	0.032	ng/ul	93
12) Fluorene	15.209	166	979	0.045	ng/ul#	87
15) Phenanthrene	16.946	178	12471	0.346	ng/ul	97
16) Anthracene	17.034	178	3866	0.110	ng/ul#	92
19) Fluoranthene	18.973	202	40036	1.004	ng/ul	99
20) Pyrene	19.335	202	37574	0.870	ng/ul#	98
21) Benzo(a)anthracene	21.091	228	17591	0.410	ng/ul	91
22) Chrysene	21.143	228	19107	0.460	ng/ul#	94
24) Benzo(b)fluoranthene	22.616	252	24896m	0.640	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	9167m	0.240	ng/ul	
26) Benzo(a)pyrene	23.157	252	15817	0.494	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.367	276	12791	0.263	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	3167	0.082	ng/ul#	38
29) Benzo(g,h,i)perylene	26.014	276	13289	0.342	ng/ul#	95

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

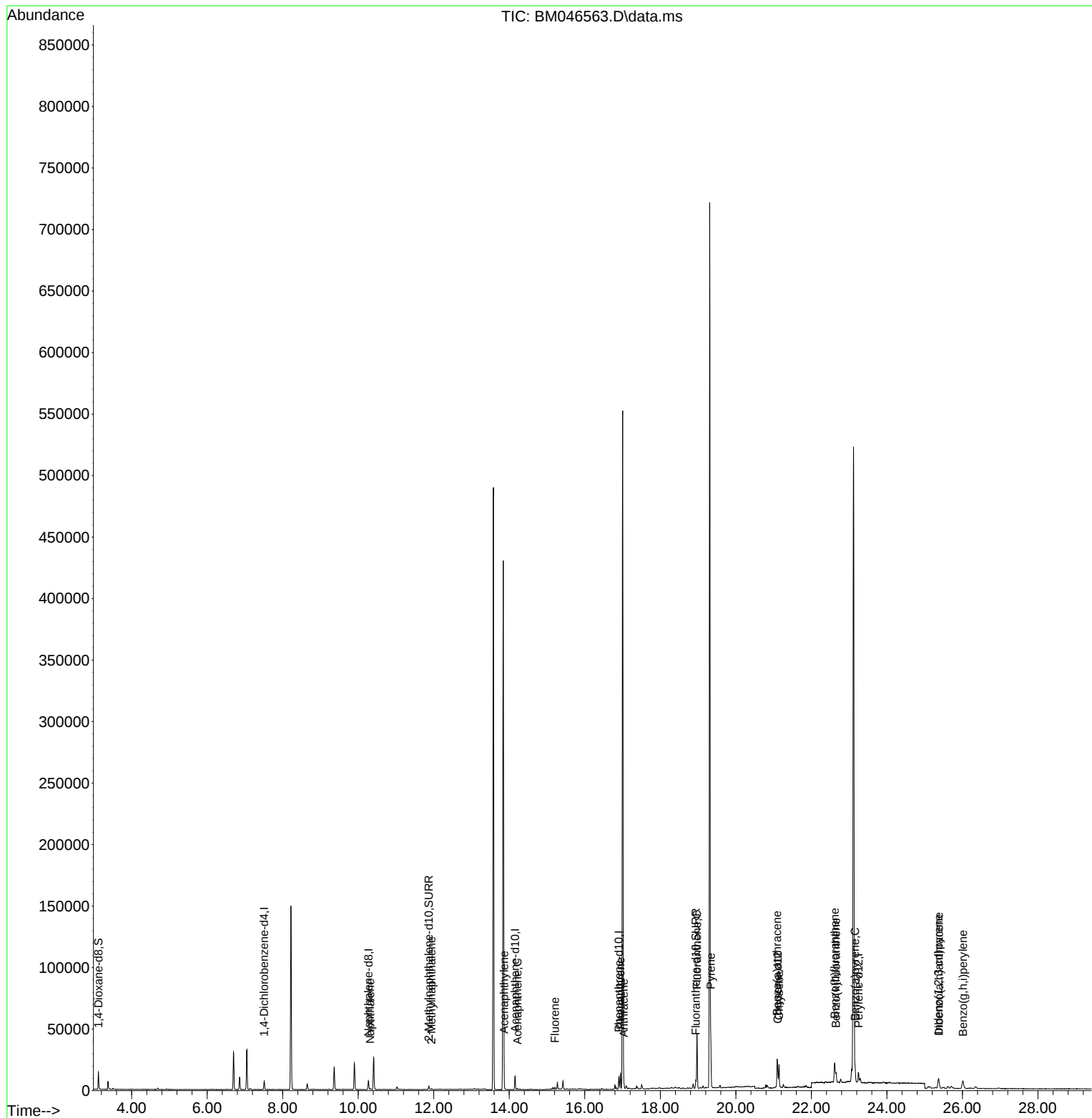
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046563.D
Acq On : 13 Jul 2024 02:17
Operator : MA/JU
Sample : P3087-17
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ALS Vial : 25 Sample Multiplier: 1

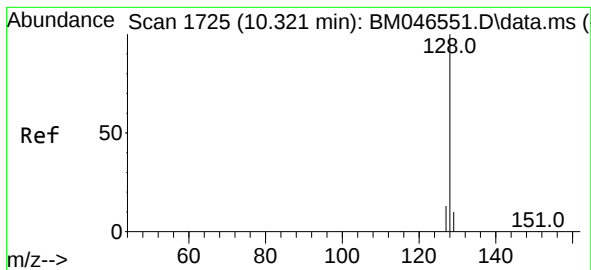
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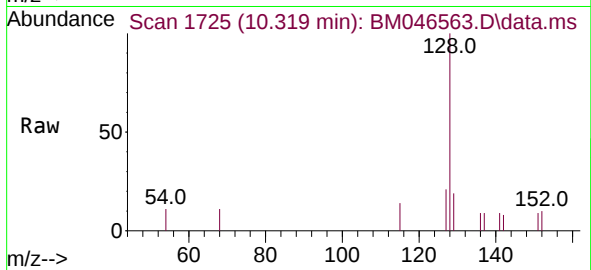
Quant Time: Jul 13 02:51:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.319 min Scan# 1725
Delta R.T. -0.005 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

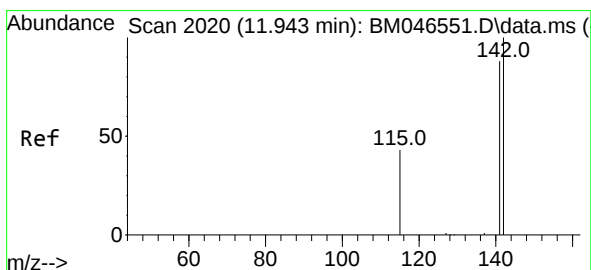
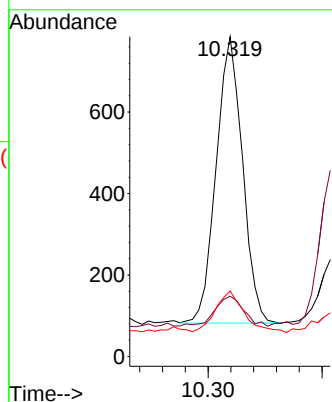
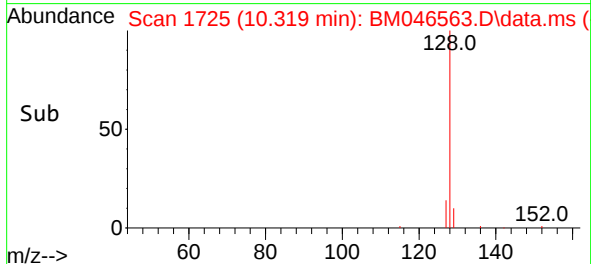
Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:128 Resp: 1120
Ion Ratio Lower Upper
128 100
129 18.9 10.3 15.5
127 20.5 12.2 18.4

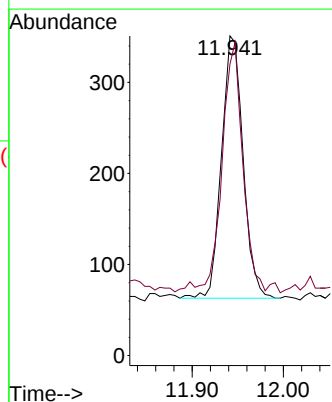
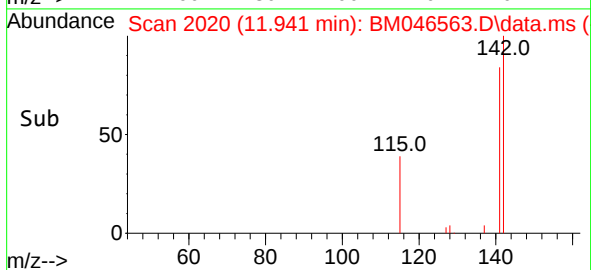
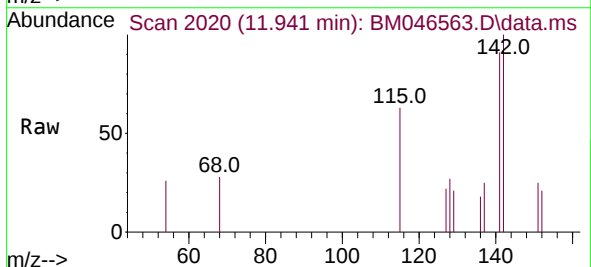
Manual Integrations
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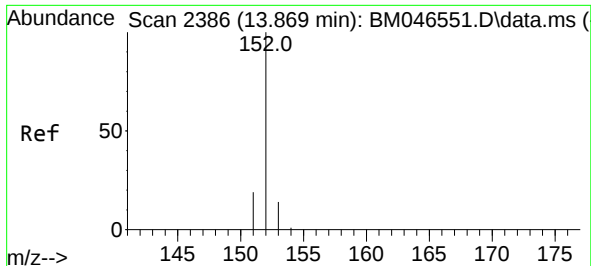
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.941 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

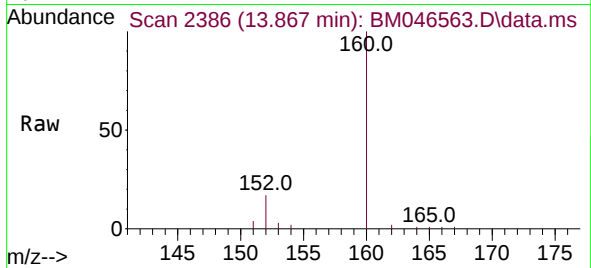
Tgt Ion:142 Resp: 473
Ion Ratio Lower Upper
142 100
141 92.6 70.3 105.5





#10
Acenaphthylene
Concen: 0.080 ng/u1
RT: 13.867 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

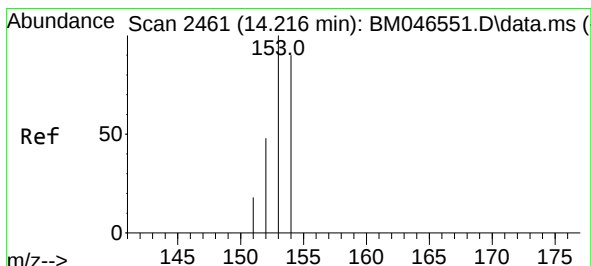
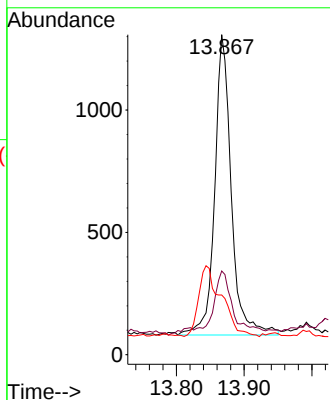
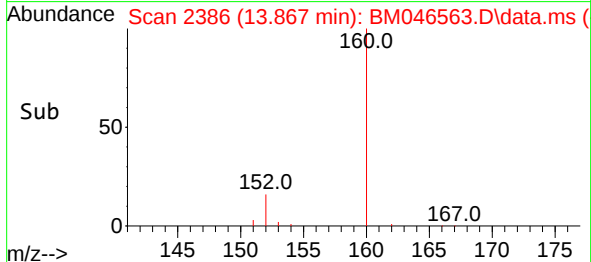
Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:152 Resp: 2094
Ion Ratio Lower Upper
152 100
151 26.1 16.4 24.6
153 18.7 12.4 18.6

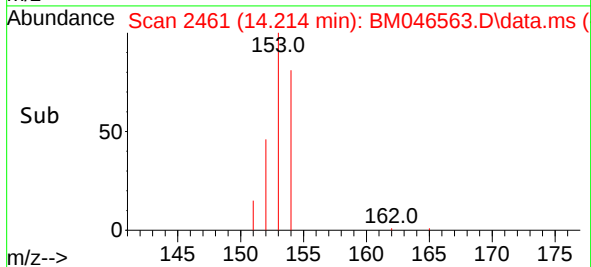
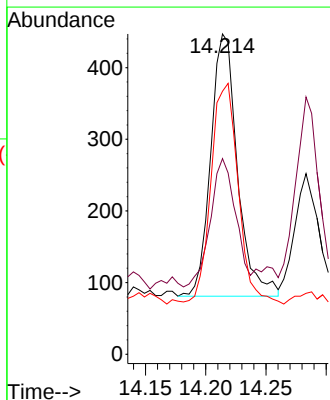
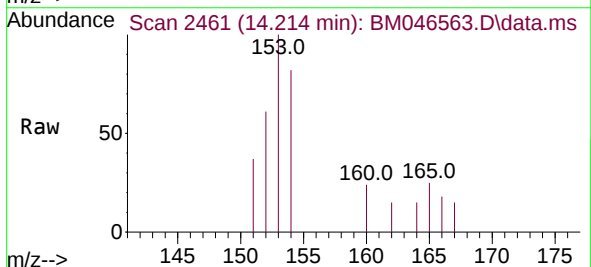
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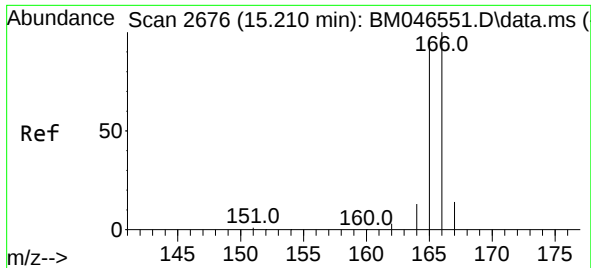
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.214 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

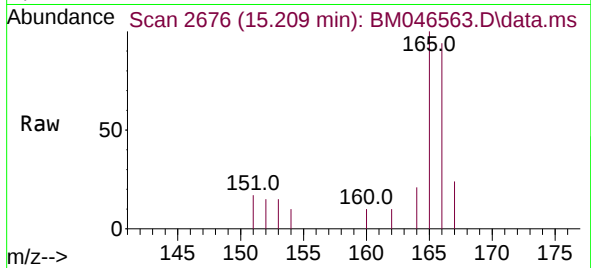
Tgt Ion:153 Resp: 566
Ion Ratio Lower Upper
153 100
152 61.1 43.0 64.6
154 82.1 69.9 104.9





#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.209 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

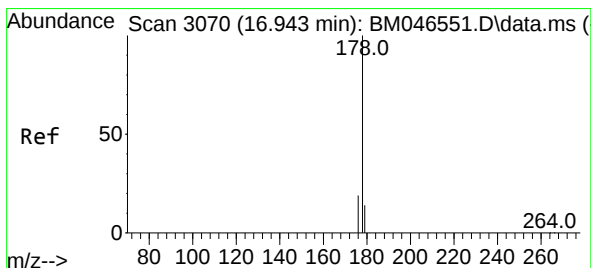
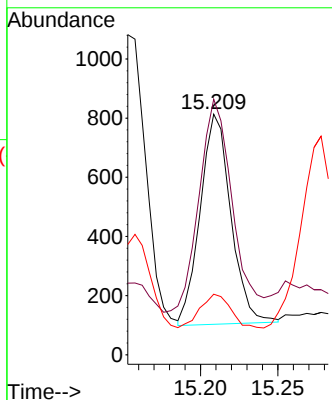
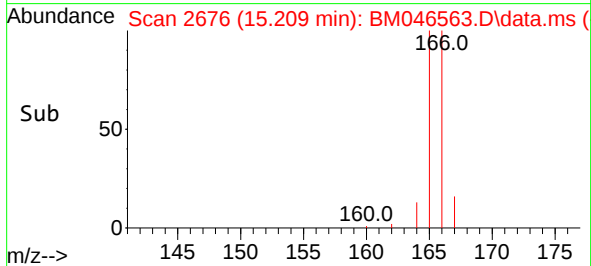
Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:166 Resp: 979
Ion Ratio Lower Upper
166 100
165 106.3 76.1 114.1
167 25.2 12.5 18.7

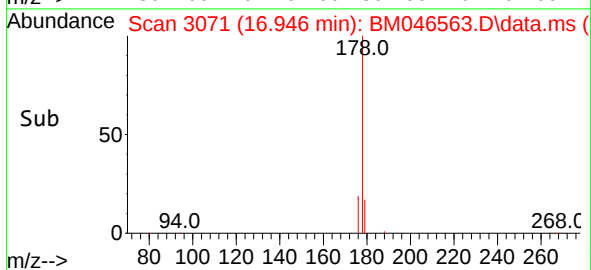
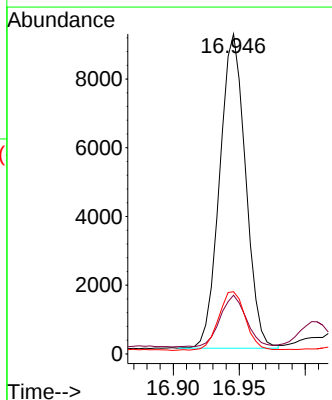
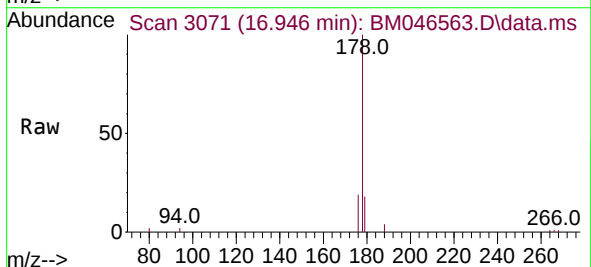
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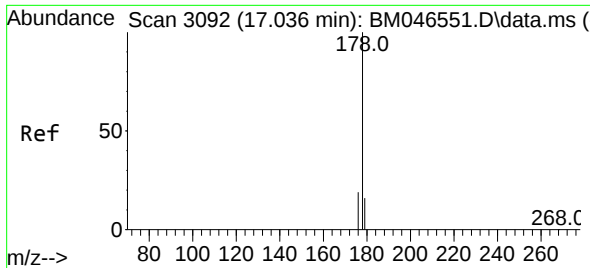
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

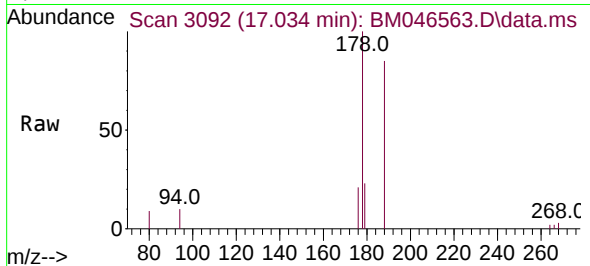
Tgt Ion:178 Resp: 12471
Ion Ratio Lower Upper
178 100
179 18.3 13.1 19.7
176 19.5 16.0 24.0





#16
 Anthracene
 Concen: 0.110 ng/ul
 RT: 17.034 min Scan# 3092
 Delta R.T. -0.004 min
 Lab File: BM046563.D
 Acq: 13 Jul 2024 02:17

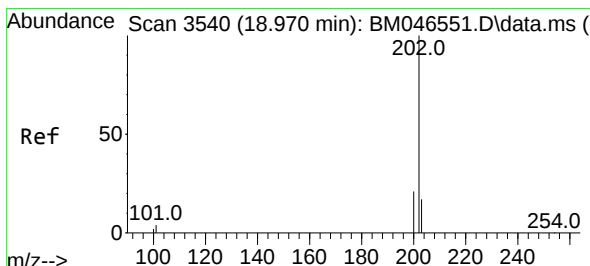
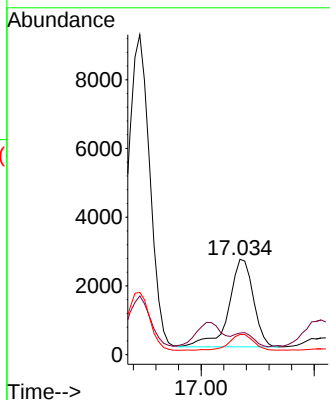
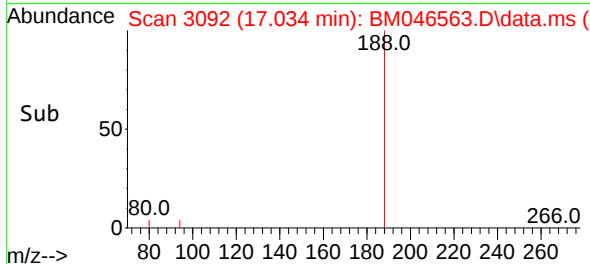
Instrument :
 BNA_M
 ClientSampleId :
 A4BR2



Tgt Ion:178 Resp: 3860
 Ion Ratio Lower Upper
 178 100
 179 22.6 13.5 20.3
 176 21.2 15.7 23.5

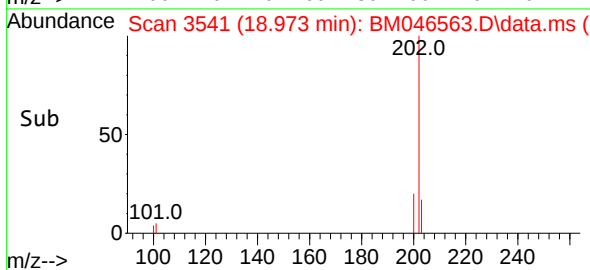
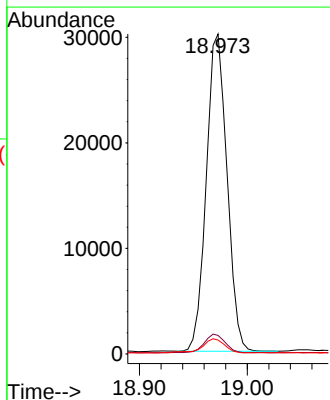
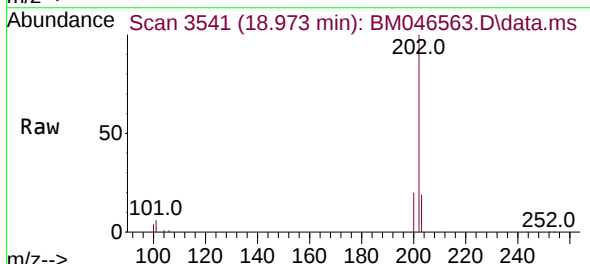
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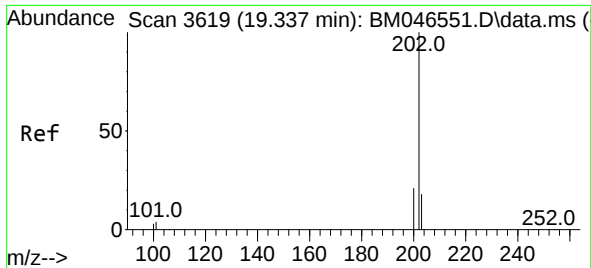
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 1.004 ng/ul
 RT: 18.973 min Scan# 3541
 Delta R.T. -0.005 min
 Lab File: BM046563.D
 Acq: 13 Jul 2024 02:17

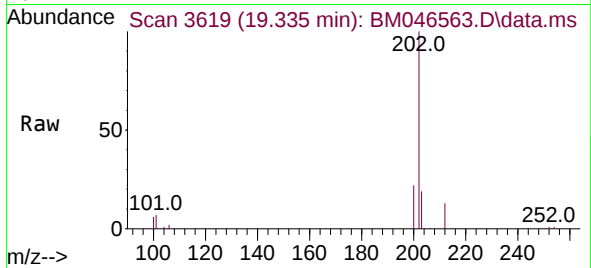
Tgt Ion:202 Resp: 40036
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 6.8
 100 4.4 3.0 4.6





#20
Pyrene
Concen: 0.870 ng/ul
RT: 19.335 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

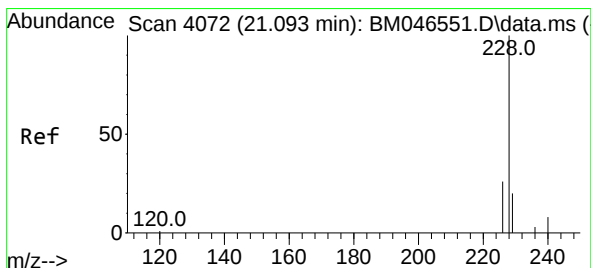
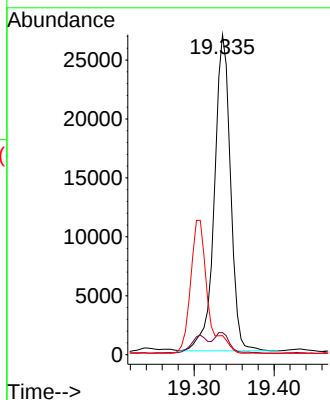
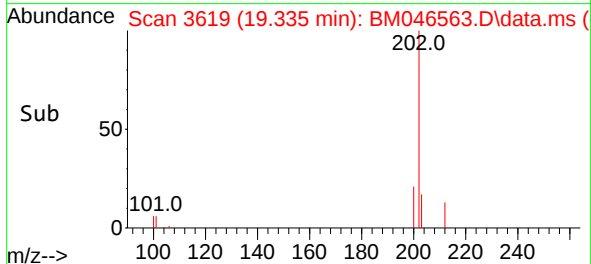
Instrument :
BNA_M
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A4BR2



Tgt Ion:202 Resp: 37574
Ion Ratio Lower Upper
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101 6.9 5.1 7.7
100 5.9 3.8 5.6

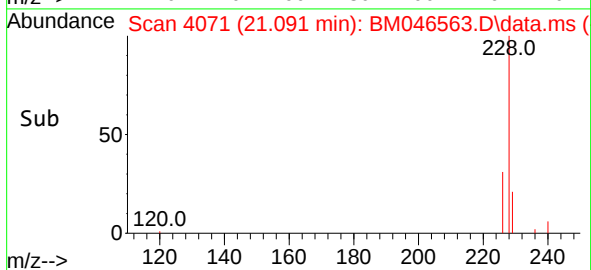
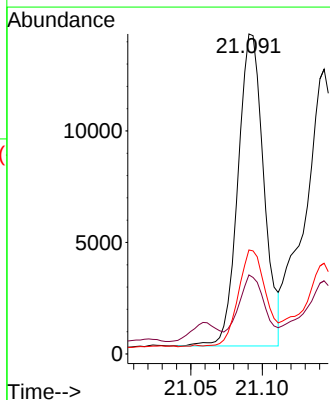
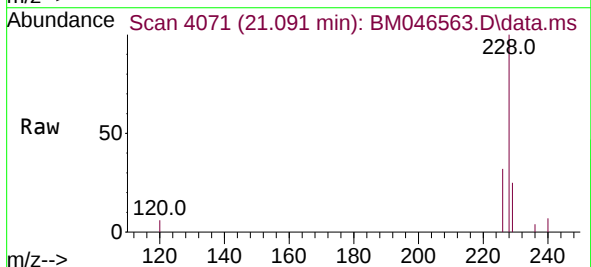
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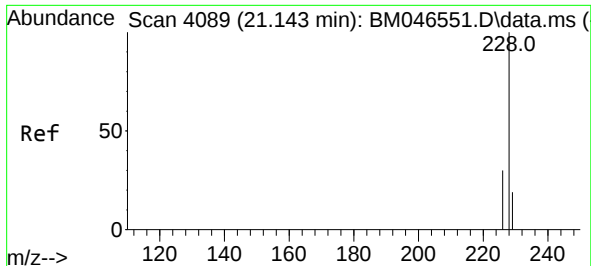
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.091 min Scan# 4071
Delta R.T. -0.006 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

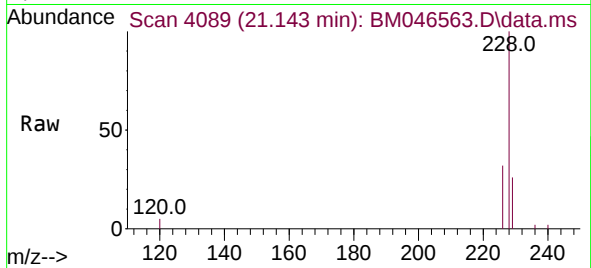
Tgt Ion:228 Resp: 17591
Ion Ratio Lower Upper
228 100
229 24.7 16.5 24.7
226 32.5 22.5 33.7





#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. -0.006 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

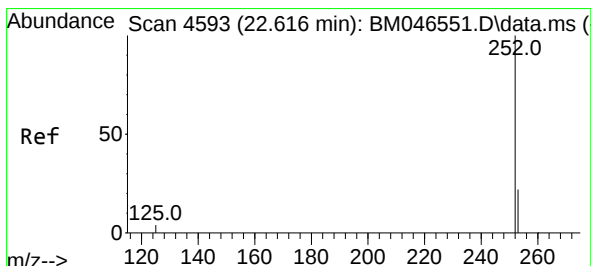
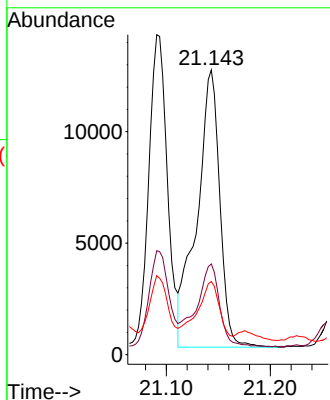
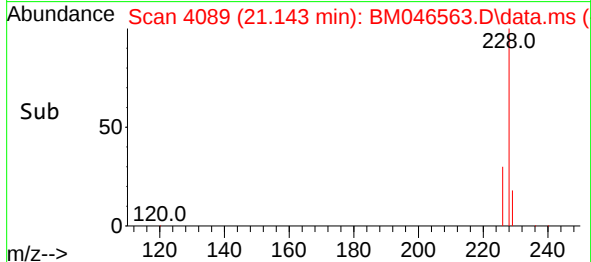
Instrument :
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A4BR2



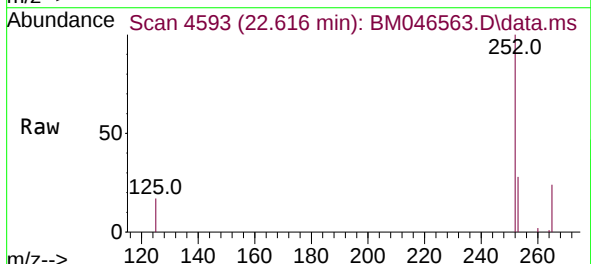
Tgt Ion:228 Resp: 19107
Ion Ratio Lower Upper
228 100
226 31.9 24.3 36.5
229 25.7 16.4 24.6

Manual Integrations
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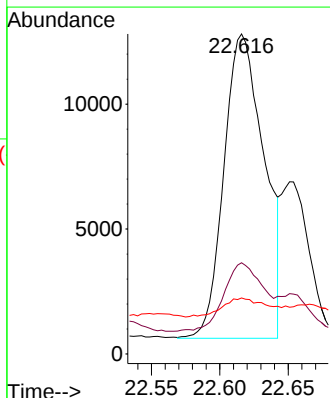
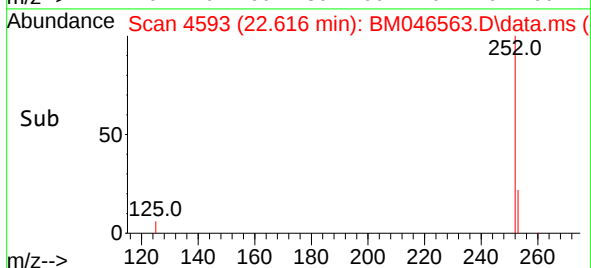
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

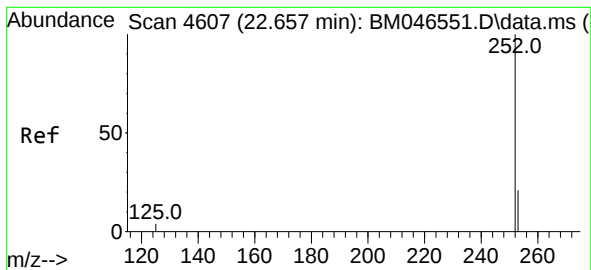


#24
Benzo(b)fluoranthene
Concen: 0.640 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17



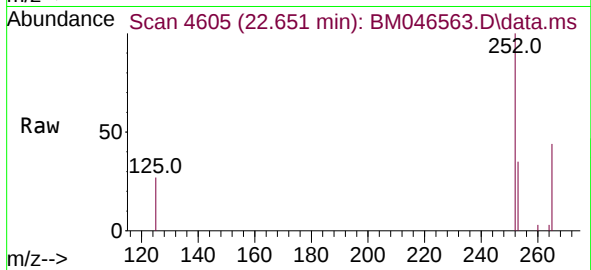
Tgt Ion:252 Resp: 24896
Ion Ratio Lower Upper
252 100
253 28.5 0.0 56.2
125 17.5 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul m
RT: 22.651 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

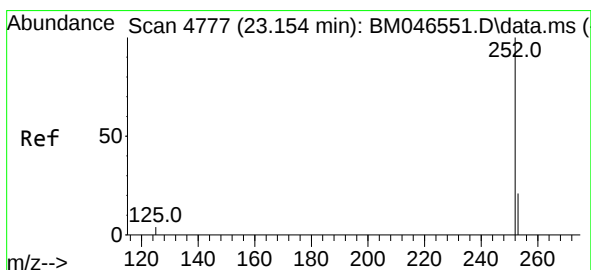
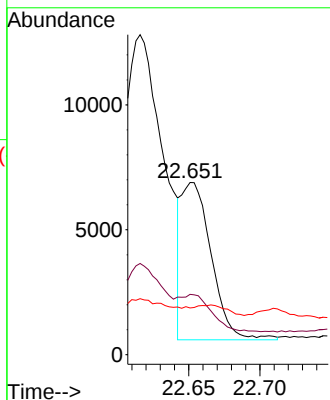
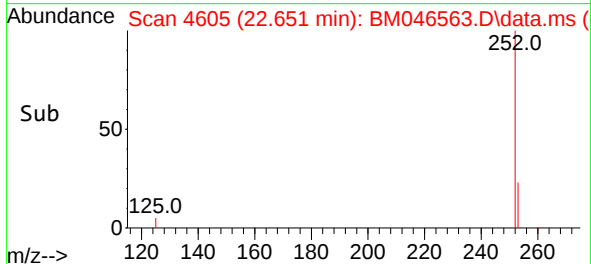
Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:252 Resp: 916
Ion Ratio Lower Upper
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253 35.0 22.4 33.6
125 27.2 7.0 10.4

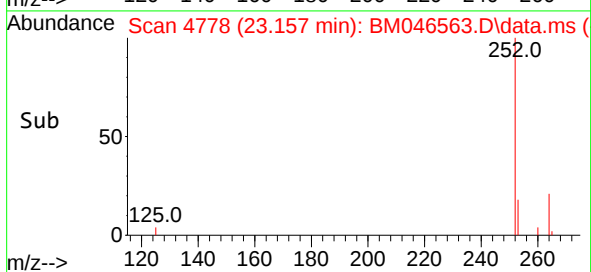
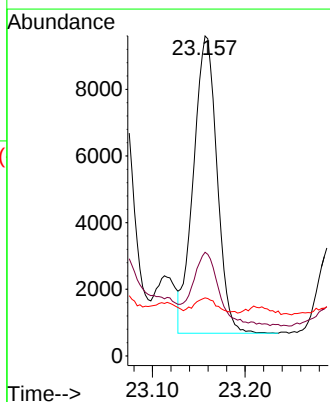
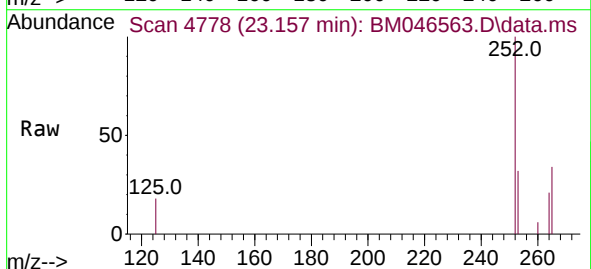
Manual Integrations
APPROVED

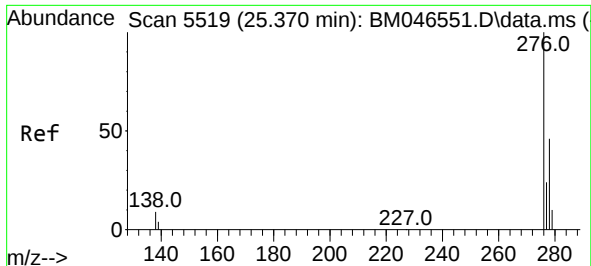
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 0.494 ng/ul
RT: 23.157 min Scan# 4778
Delta R.T. -0.006 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

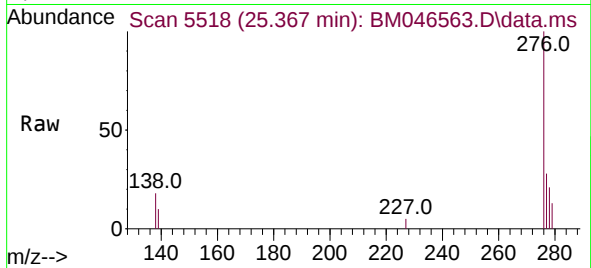
Tgt Ion:252 Resp: 15817
Ion Ratio Lower Upper
252 100
253 32.4 24.0 36.0
125 18.2 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.263 ng/ul
RT: 25.367 min Scan# 5519
Delta R.T. -0.017 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

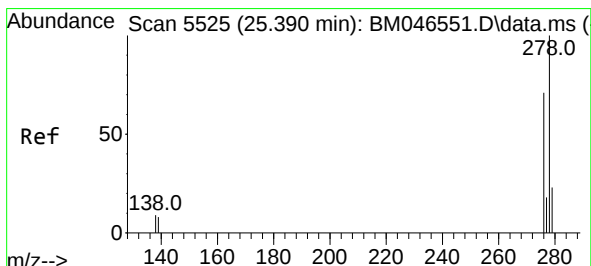
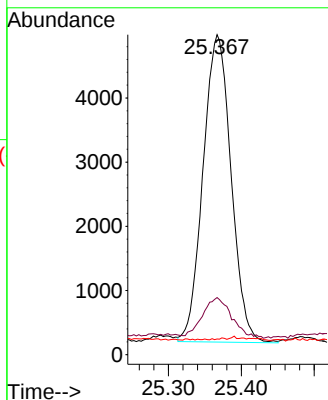
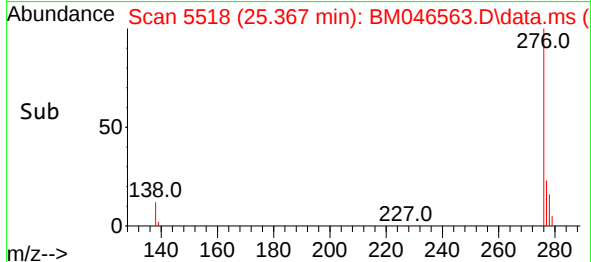
Instrument :
BNA_M
ClientSampleId :
A4BR2



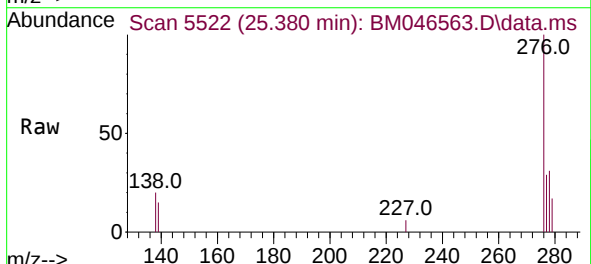
Tgt Ion: 276 Resp: 1279
Ion Ratio Lower Upper
276 100
138 13.9 0.0 0.0#
227 0.2 0.2 0.2

Manual Integrations
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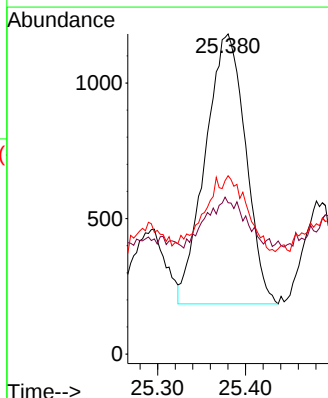
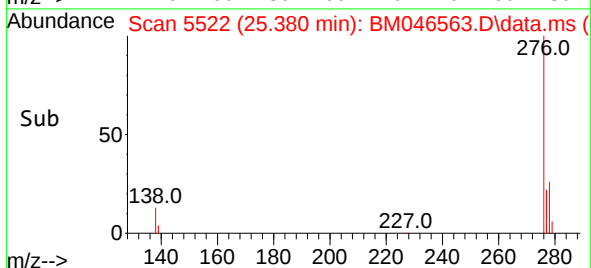
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

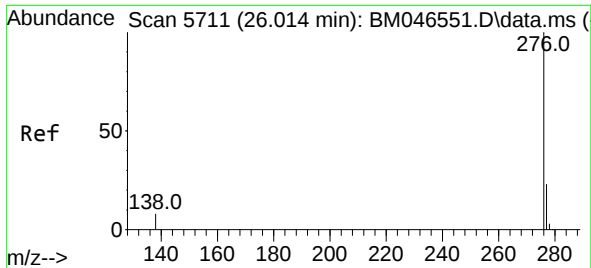


#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. -0.020 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17



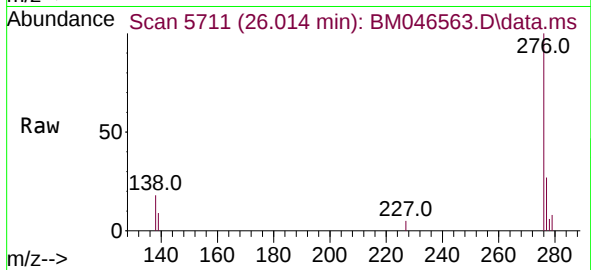
Tgt Ion: 278 Resp: 3167
Ion Ratio Lower Upper
278 100
139 47.2 9.1 13.7#
279 55.7 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 26.014 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046563.D
Acq: 13 Jul 2024 02:17

Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:276 Resp: 13289
Ion Ratio Lower Upper
276 100
138 17.6 10.2 15.4
277 26.9 20.9 31.3

Manual Integrations
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Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

