

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046167.D
 Acq On : 21 Jun 2024 19:29
 Operator : MA/JU
 Sample : P2754-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:27:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 18 13:58:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2271	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.187	136	6787	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.066	164	3721	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.811	188	7659m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.012	240	6215m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	6905m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	14683	4.712	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.810	152	3238	0.355	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	6816	0.366	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.237	128	2912	0.154	ng/ul#	96
7) 2-Methylnaphthalene	11.881	142	915	0.086	ng/ul	100
8) 1-Methylnaphthalene	12.101	142	620	0.053	ng/ul	98
10) Acenaphthylene	13.784	152	5072	0.287	ng/ul	99
11) Acenaphthene	14.126	153	1264	0.099	ng/ul	96
12) Fluorene	15.121	166	1749	0.128	ng/ul#	98
15) Phenanthrene	16.849	178	47313m	2.199	ng/ul	
16) Anthracene	16.942	178	8167m	0.510	ng/ul	
19) Fluoranthene	18.875	202	138453	5.145	ng/ul	95
20) Pyrene	19.238	202	95259	3.273	ng/ul	95
21) Benzo(a)anthracene	20.994	228	52989m	2.207	ng/ul	
22) Chrysene	21.047	228	74878	2.444	ng/ul	99
24) Benzo(b)fluoranthene	22.487	252	120226m	4.833	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	36318m	1.228	ng/ul	
26) Benzo(a)pyrene	23.014	252	35219	1.528	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.152	276	41918	1.111	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.156	278	13289	0.473	ng/ul#	81
29) Benzo(g,h,i)perylene	25.773	276	6406	0.198	ng/ul#	84

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

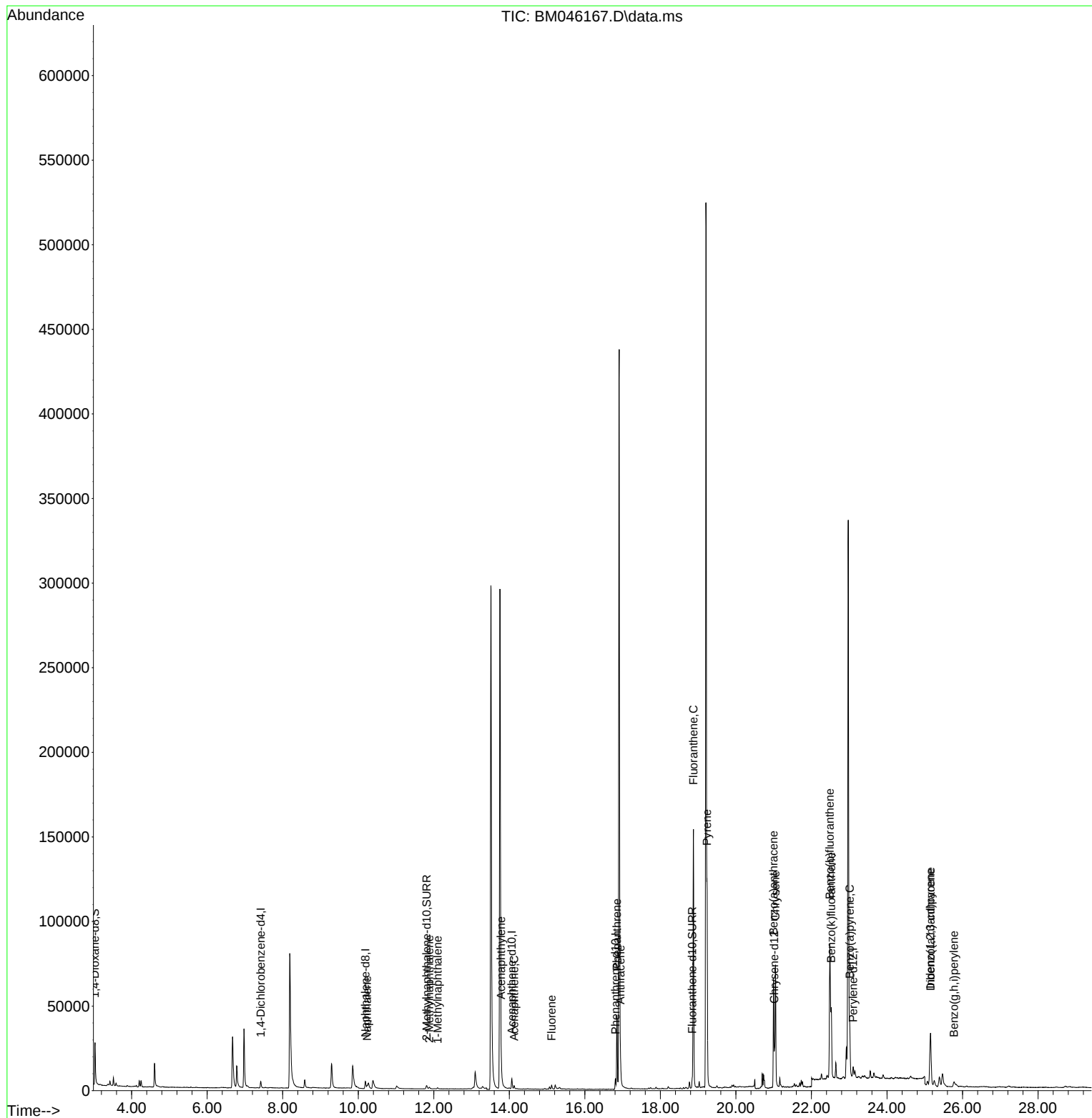
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046167.D
Acq On : 21 Jun 2024 19:29
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ALS Vial : 19 Sample Multiplier: 1

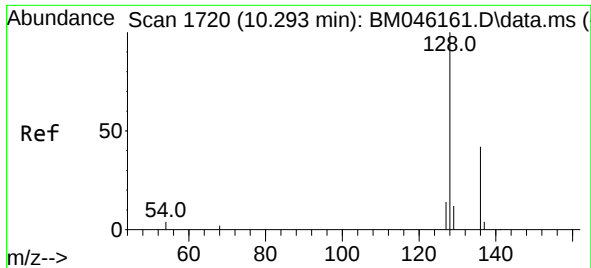
Instrument :
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ClientSampleId :
A4BQ1

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Supervised By :mohammad ahmed 06/24/2024

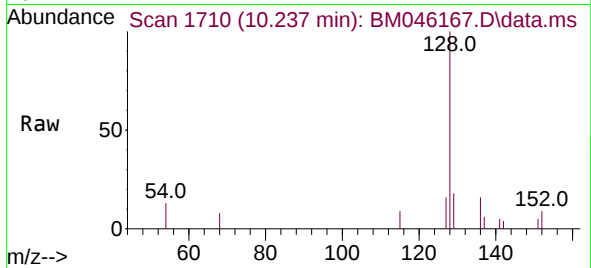
Quant Time: Jun 21 22:27:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.154 ng/ul
RT: 10.237 min Scan# 1710
Delta R.T. -0.066 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

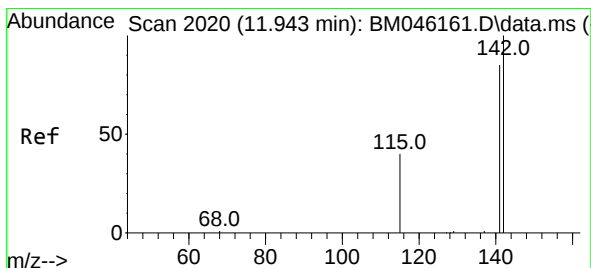
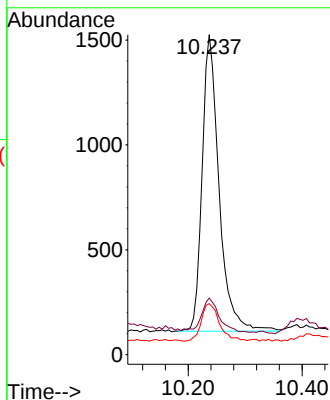
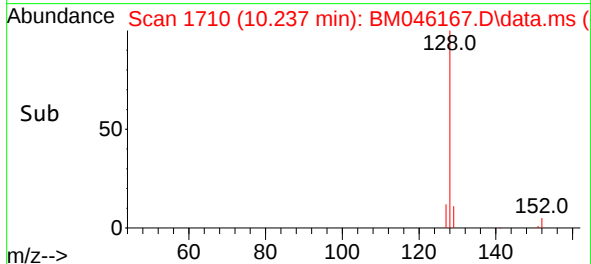
Instrument :
BNA_M
ClientSampleId :
A4BQ1



Tgt Ion:128 Resp: 2912
Ion Ratio Lower Upper
128 100
129 17.7 11.8 17.6
127 15.9 12.8 19.2

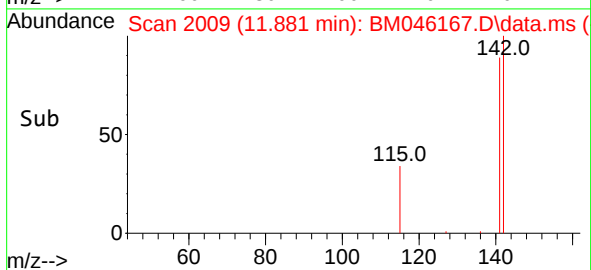
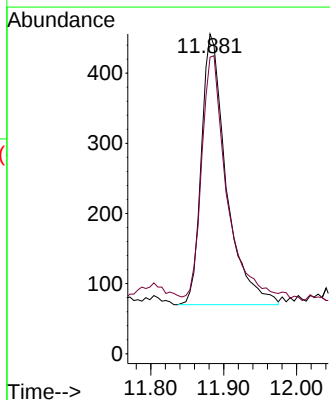
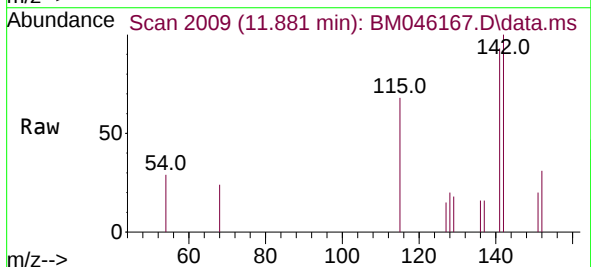
Manual Integrations
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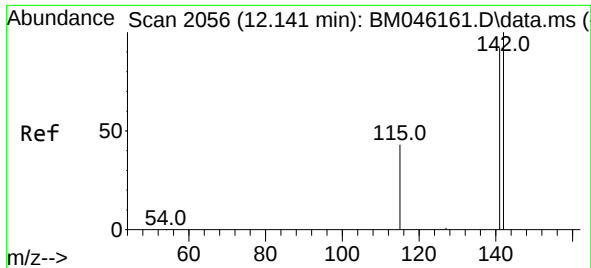
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 11.881 min Scan# 2009
Delta R.T. -0.066 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

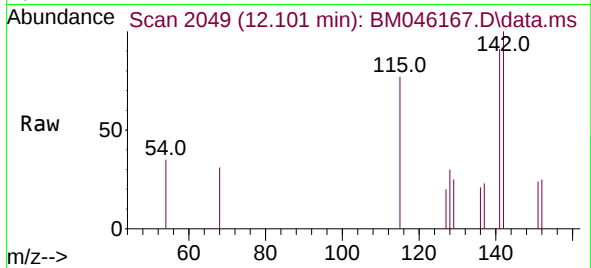
Tgt Ion:142 Resp: 915
Ion Ratio Lower Upper
142 100
141 93.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.101 min Scan# 2049
Delta R.T. -0.049 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

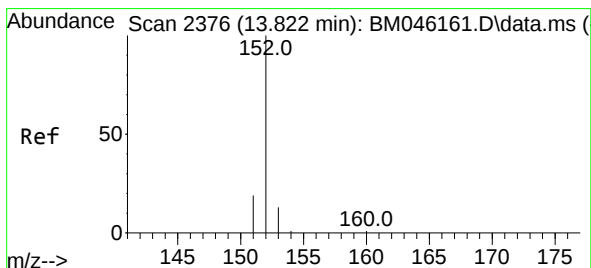
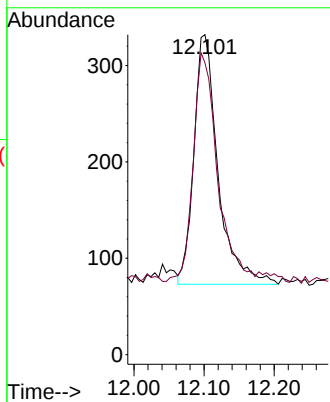
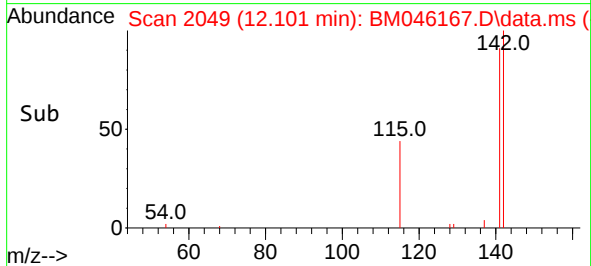
Instrument :
BNA_M
ClientSampleId :
A4BQ1



Tgt Ion:142 Resp: 620
Ion Ratio Lower Upper
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141 95.8 75.2 112.8

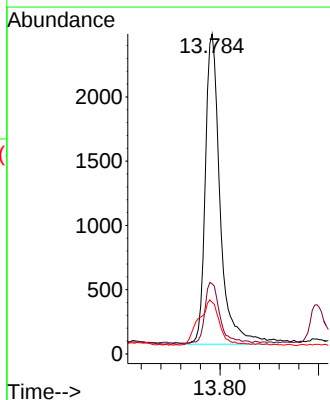
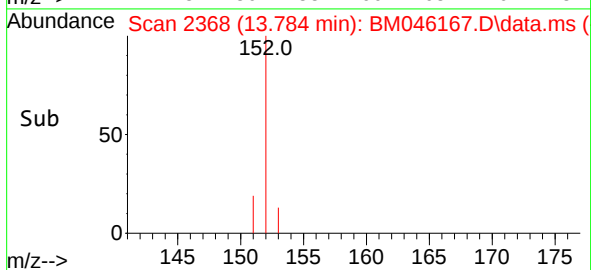
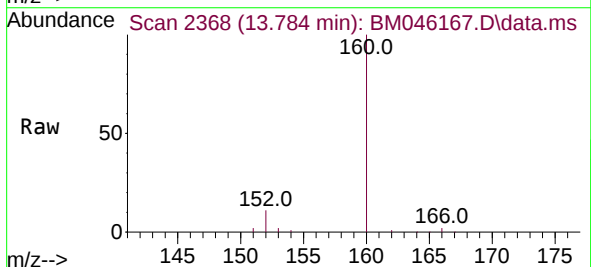
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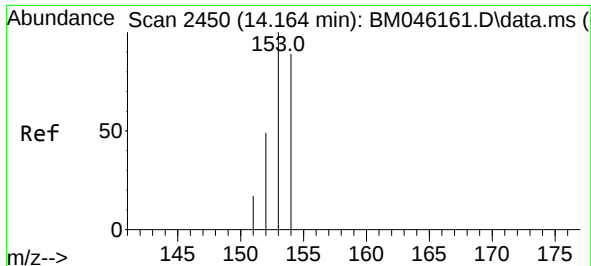
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.784 min Scan# 2368
Delta R.T. -0.051 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

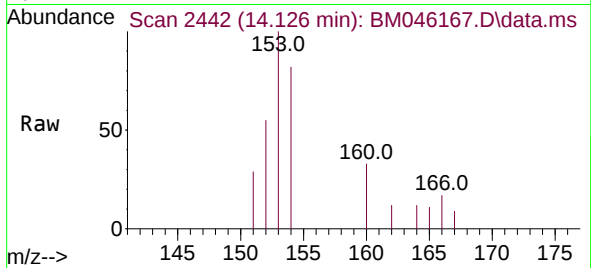
Tgt Ion:152 Resp: 5072
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 16.1 11.8 17.8





#11
Acenaphthene
Concen: 0.099 ng/u1
RT: 14.126 min Scan# 2442
Delta R.T. -0.046 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

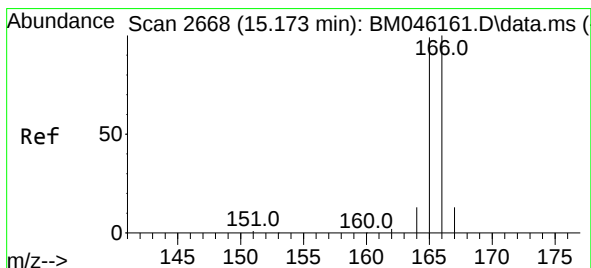
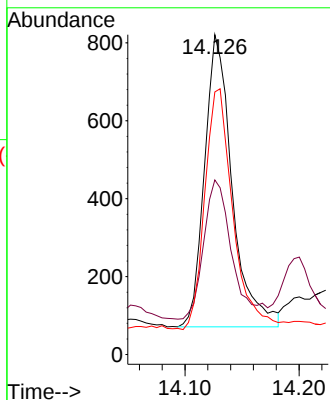
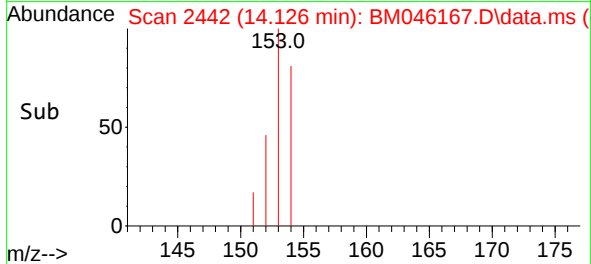
Instrument :
BNA_M
ClientSampleId :
A4BQ1



Tgt Ion:153 Resp: 1264
Ion Ratio Lower Upper
153 100
152 54.6 41.3 61.9
154 82.1 68.2 102.4

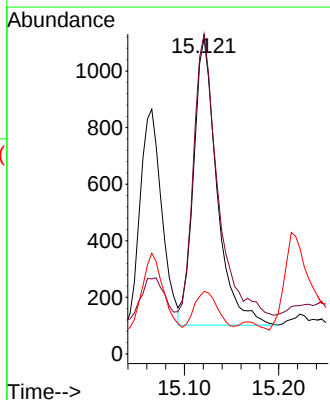
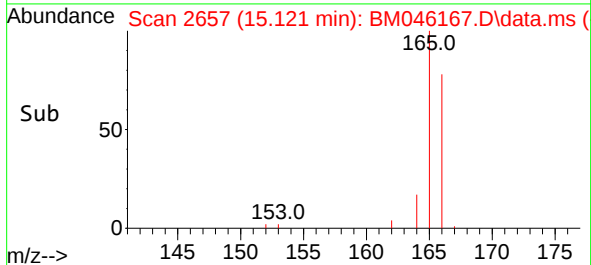
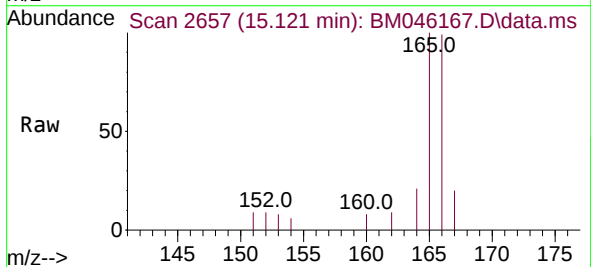
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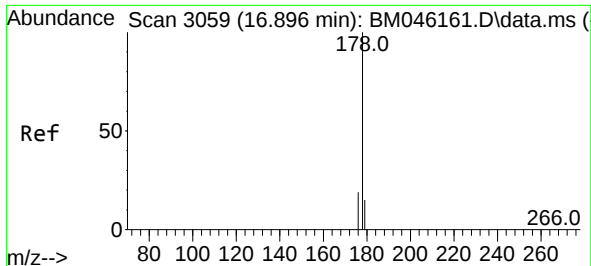
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.128 ng/u1
RT: 15.121 min Scan# 2657
Delta R.T. -0.060 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

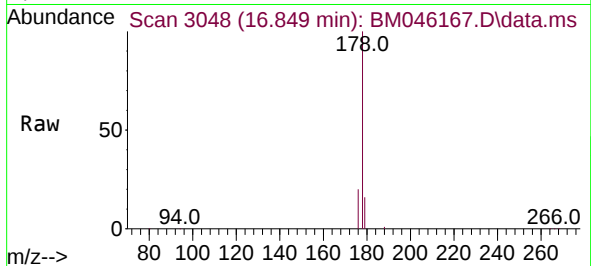
Tgt Ion:166 Resp: 1749
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 19.8 12.4 18.6#





#15
Phenanthrene
Concen: 2.199 ng/ul m
RT: 16.849 min Scan# 3059
Delta R.T. -0.055 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

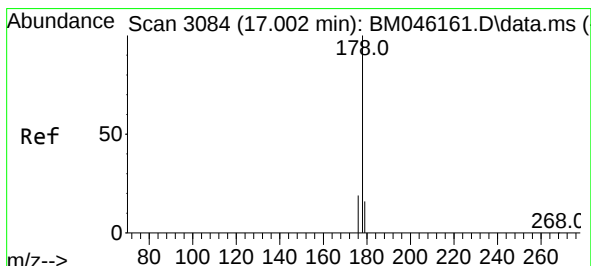
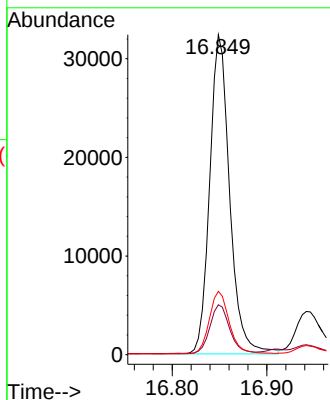
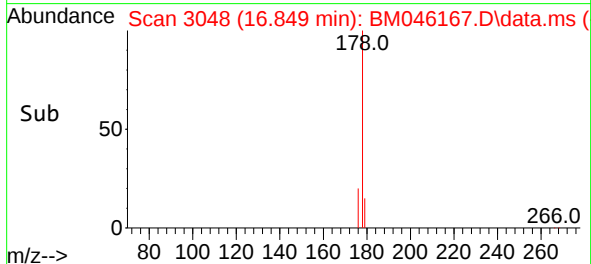
Instrument :
BNA_M
ClientSampleId :
A4BQ1



Tgt Ion:178 Resp: 47311
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.8 17.1 25.7

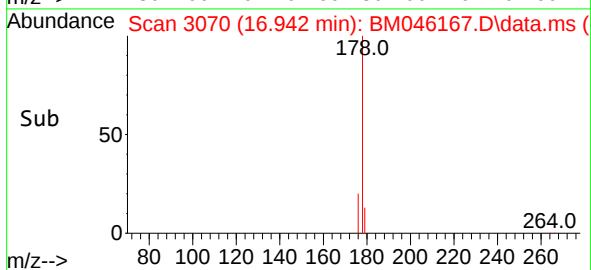
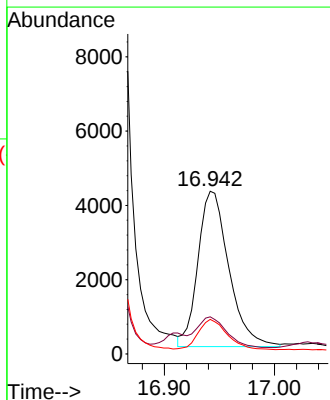
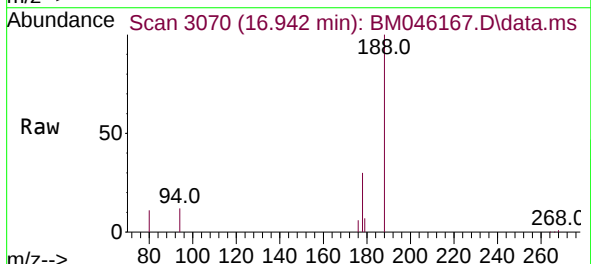
Manual Integrations
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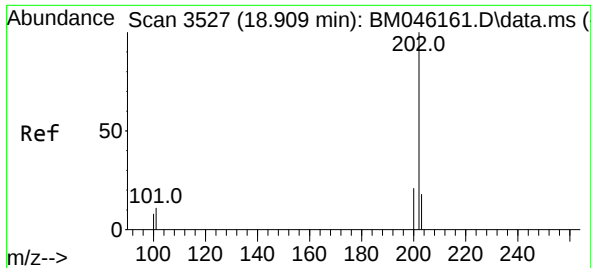
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.510 ng/ul m
RT: 16.942 min Scan# 3070
Delta R.T. -0.063 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

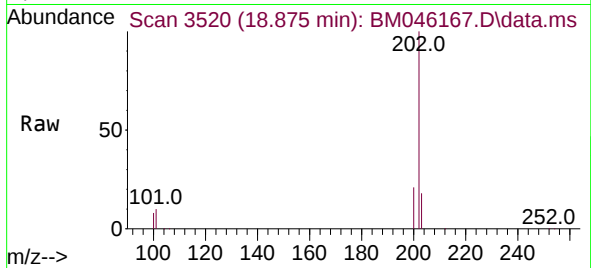
Tgt Ion:178 Resp: 8167
Ion Ratio Lower Upper
178 100
179 22.8 14.9 22.3#
176 21.2 17.0 25.4





#19
Fluoranthene
Concen: 5.145 ng/u1
RT: 18.875 min Scan# 31
Delta R.T. -0.042 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

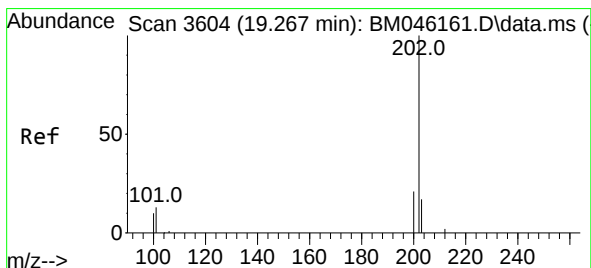
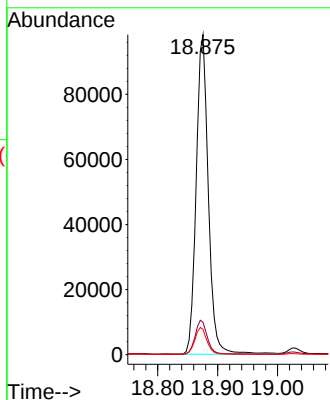
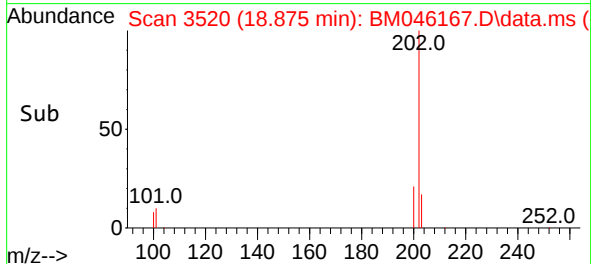
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A4BQ1



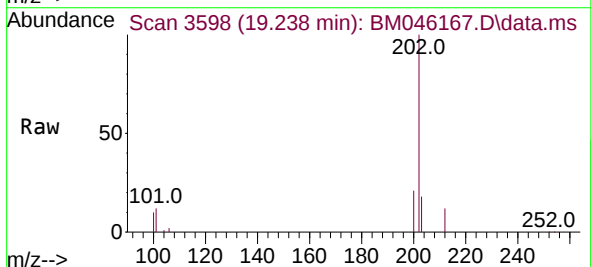
Tgt Ion:202 Resp: 13845
Ion Ratio Lower Upper
202 100
101 10.2 9.6 14.4
100 7.9 7.6 11.4

Manual Integrations
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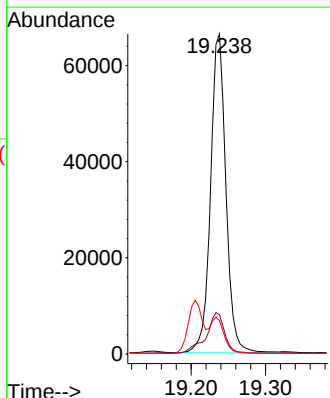
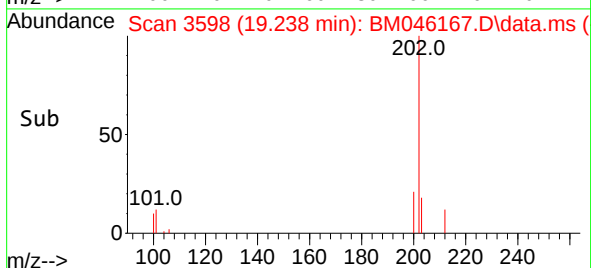
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

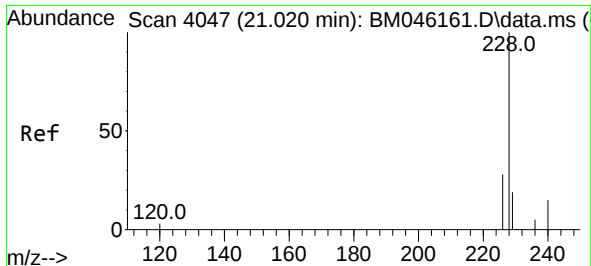


#20
Pyrene
Concen: 3.273 ng/u1
RT: 19.238 min Scan# 3598
Delta R.T. -0.037 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29



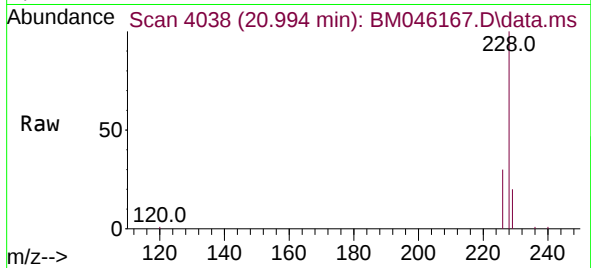
Tgt Ion:202 Resp: 95259
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.207 ng/ul m
RT: 20.994 min Scan# 4038
Delta R.T. -0.035 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

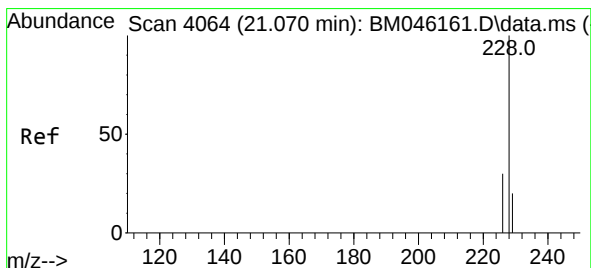
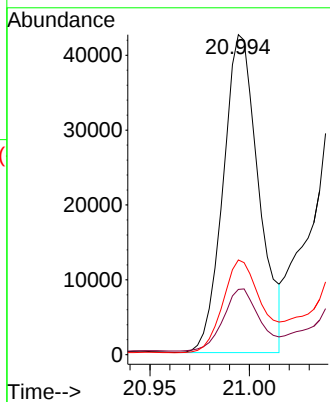
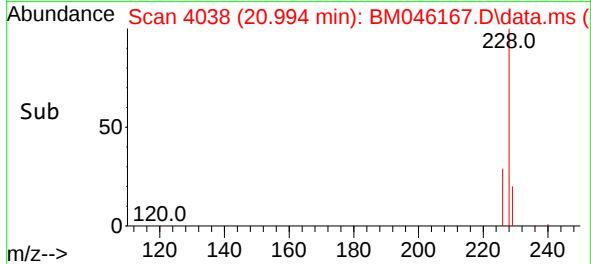
Instrument :
BNA_M
ClientSampleId :
A4BQ1



Tgt Ion:228 Resp: 52989
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 29.6 23.4 35.2

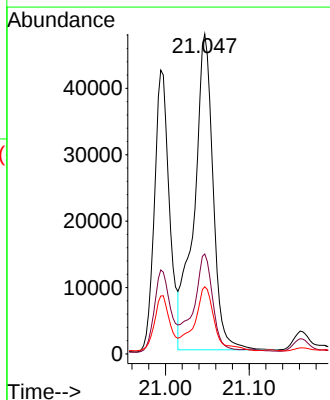
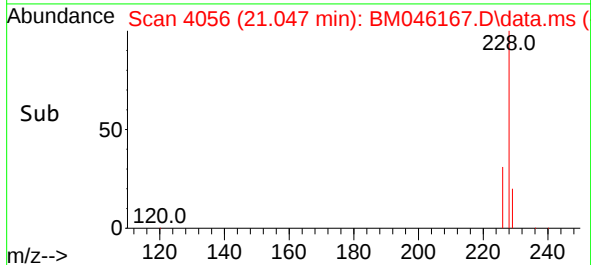
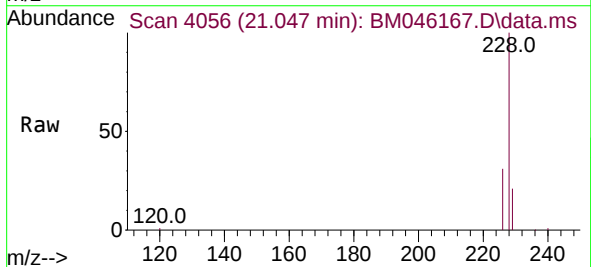
Manual Integrations
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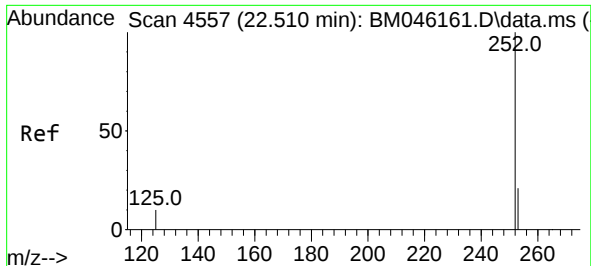
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 2.444 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. -0.029 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

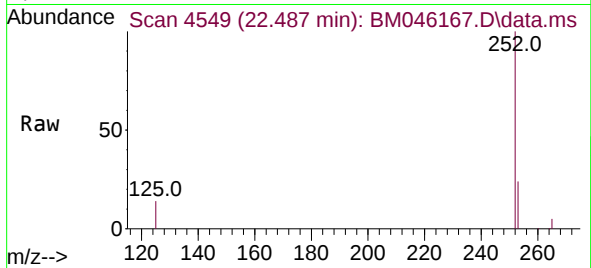
Tgt Ion:228 Resp: 74878
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 21.0 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 4.833 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

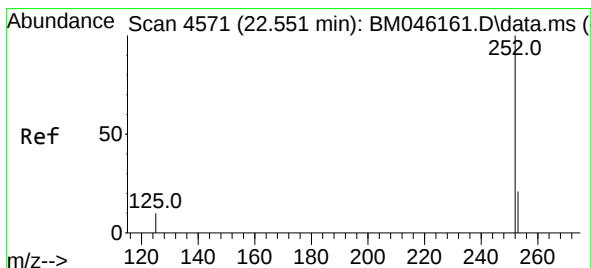
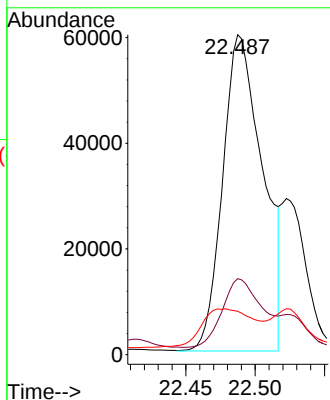
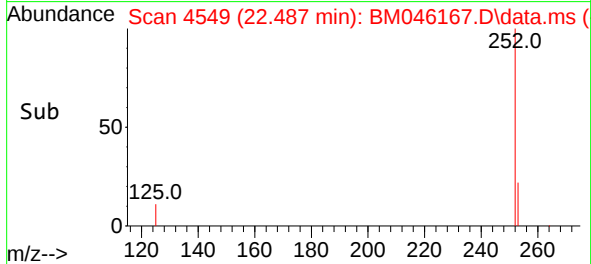
Instrument :
BNA_M
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A4BQ1



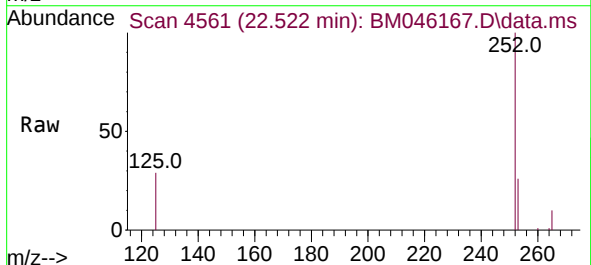
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Ion Ratio Lower Upper
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253 23.8 0.0 65.8
125 13.5 0.0 40.2

Manual Integrations
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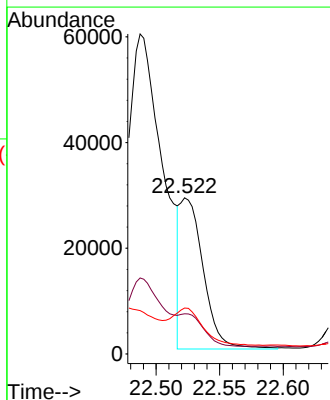
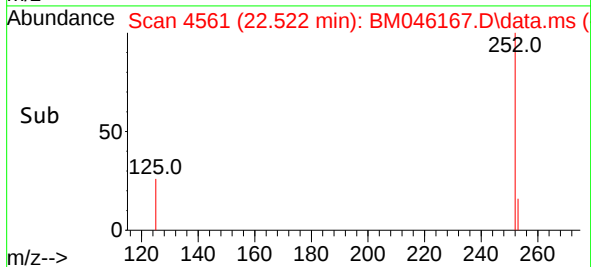
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

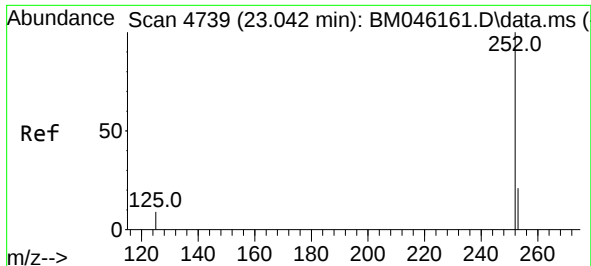


#25
Benzo(k)fluoranthene
Concen: 1.228 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29



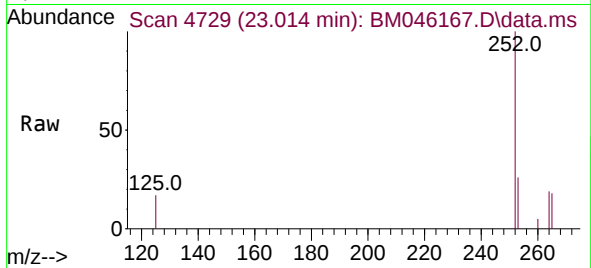
Tgt Ion:252 Resp: 36318
Ion Ratio Lower Upper
252 100
253 25.7 27.2 40.8#
125 29.4 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.528 ng/ul
RT: 23.014 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

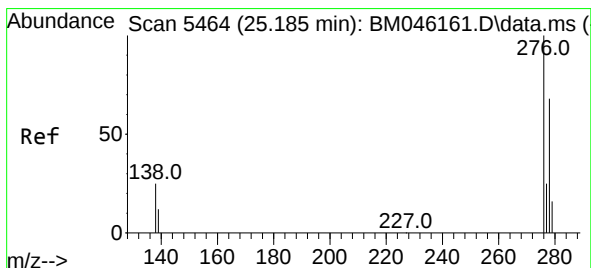
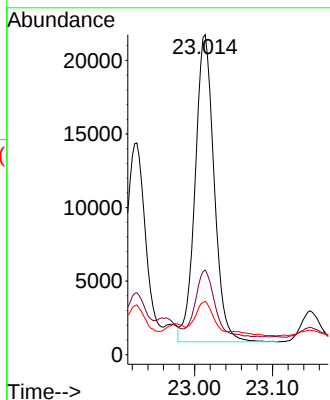
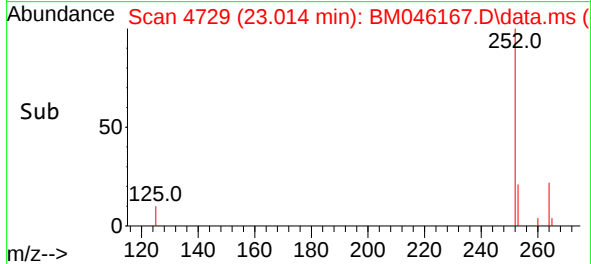
Instrument :
BNA_M
ClientSampleId :
A4BQ1



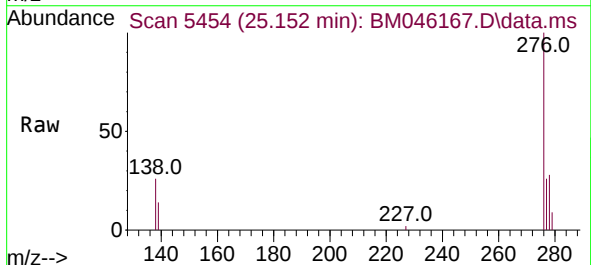
Tgt Ion:252 Resp: 35219
Ion Ratio Lower Upper
252 100
253 26.5 32.1 48.1
125 16.7 21.2 31.8

Manual Integrations
APPROVED

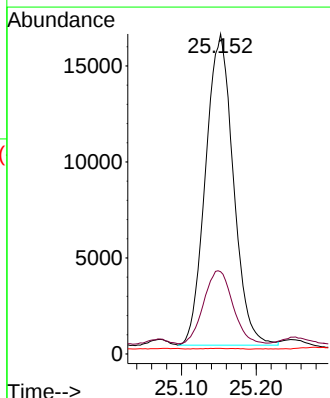
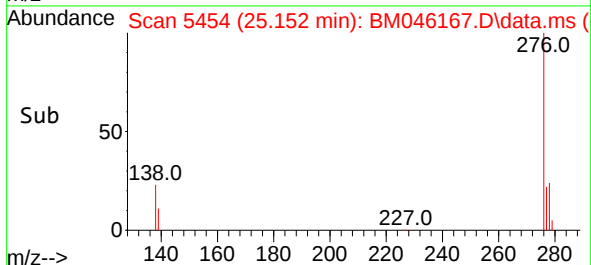
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

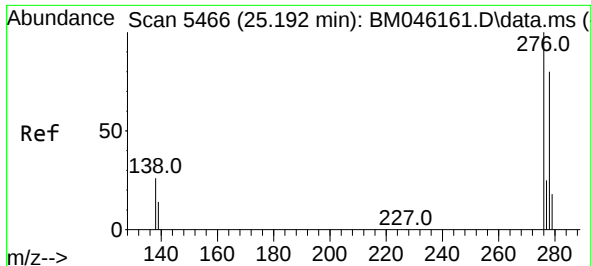


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.111 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.050 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29



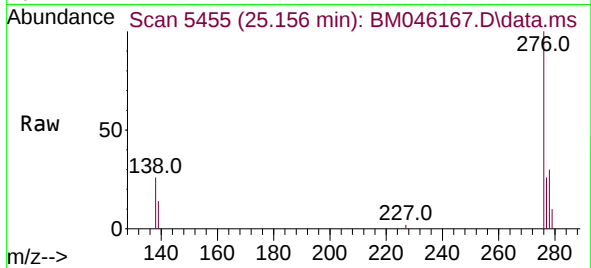
Tgt Ion:276 Resp: 41918
Ion Ratio Lower Upper
276 100
138 25.3 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.473 ng/ul
RT: 25.156 min Scan# 5466
Delta R.T. -0.060 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

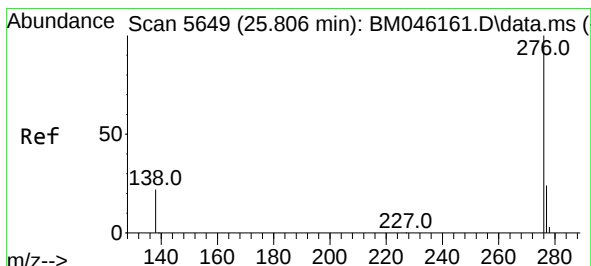
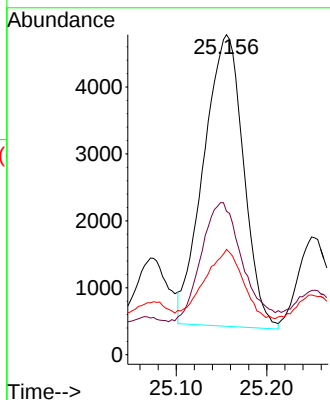
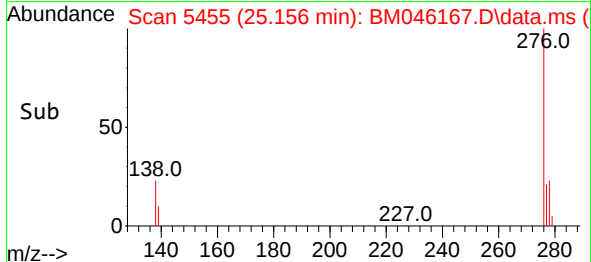
Instrument :
BNA_M
ClientSampleId :
A4BQ1



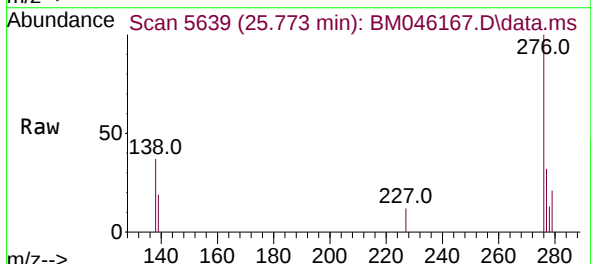
Tgt Ion:278 Resp: 13289
Ion Ratio Lower Upper
278 100
139 44.8 17.6 26.4#
279 32.9 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 25.773 min Scan# 5639
Delta R.T. -0.057 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29



Tgt Ion:276 Resp: 6406
Ion Ratio Lower Upper
276 100
138 36.6 21.7 32.5#
277 32.3 20.4 30.6#

