

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046579.D
 Acq On : 13 Jul 2024 12:38
 Operator : MA/JU
 Sample : P3088-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D11

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:01:36 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	7.506	152	3955	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	10954	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.150	164	6805	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	14540m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9608	0.400	ng/ul #	0.00
23) Perylene-d12	23.247	264	9642	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	8737	2.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4695	0.266	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	9561	0.327	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.315	128	772	0.028	ng/ul#	76
7) 2-Methylnaphthalene	11.943	142	569	0.029	ng/ul	96
8) 1-Methylnaphthalene	12.163	142	534	0.027	ng/ul	98
10) Acenaphthylene	13.868	152	2727	0.088	ng/ul#	93
11) Acenaphthene	14.215	153	604	0.029	ng/ul	91
12) Fluorene	15.210	166	1012	0.039	ng/ul#	94
15) Phenanthrene	16.943	178	17046	0.411	ng/ul	99
16) Anthracene	17.036	178	3073	0.076	ng/ul#	88
19) Fluoranthene	18.970	202	35839	0.908	ng/ul#	97
20) Pyrene	19.337	202	30998	0.725	ng/ul#	97
21) Benzo(a)anthracene	21.093	228	13889m	0.327	ng/ul	
22) Chrysene	21.143	228	17509	0.426	ng/ul	96
24) Benzo(b)fluoranthene	22.615	252	21087m	0.548	ng/ul	
25) Benzo(k)fluoranthene	22.653	252	7407m	0.196	ng/ul	
26) Benzo(a)pyrene	23.156	252	12599	0.397	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.366	276	11038	0.229	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.386	278	2713	0.071	ng/ul#	9
29) Benzo(g,h,i)perylene	26.010	276	11093	0.288	ng/ul#	88

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

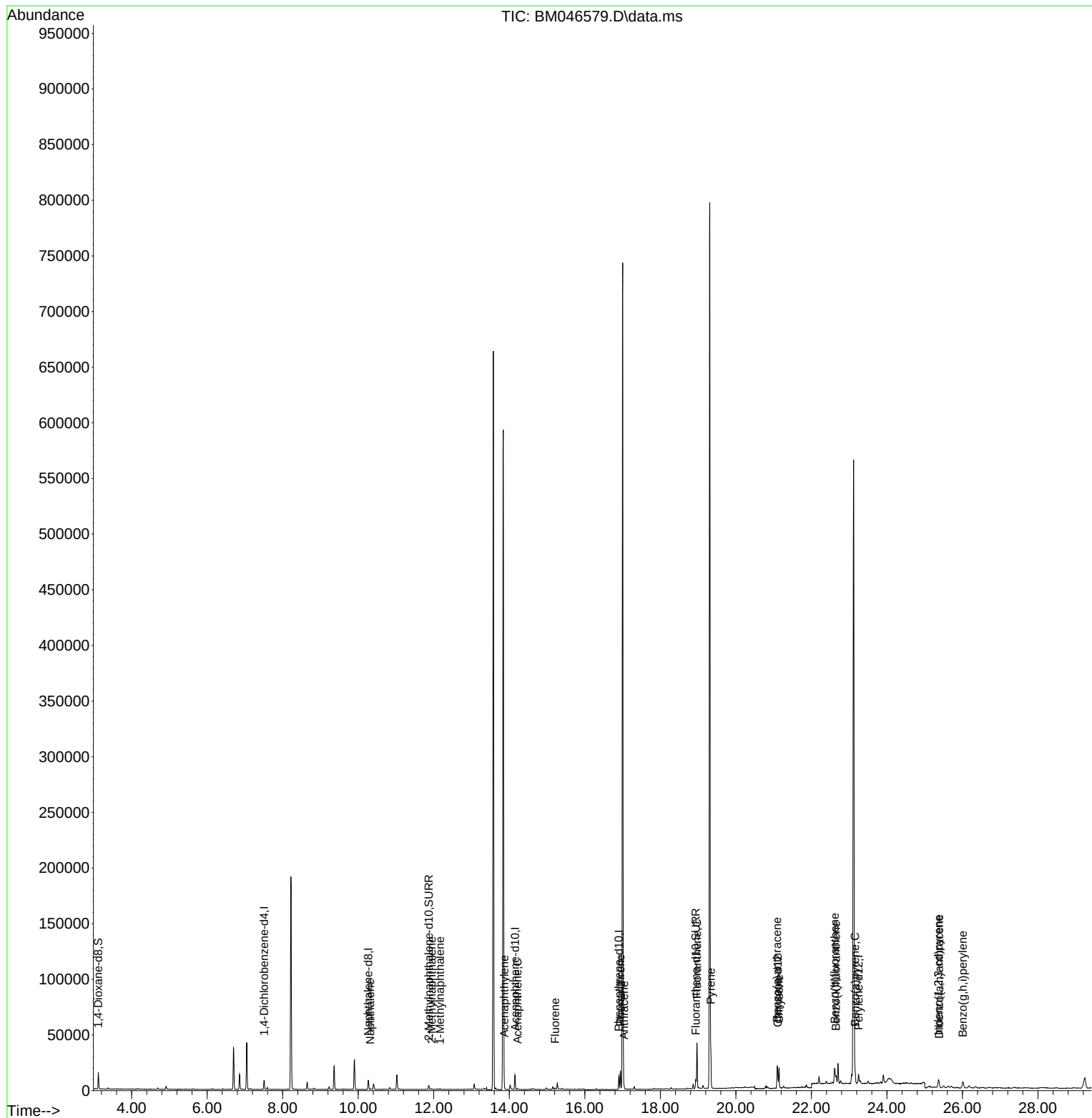
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046579.D
Acq On : 13 Jul 2024 12:38
Operator : MA/JU
Sample : P3088-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

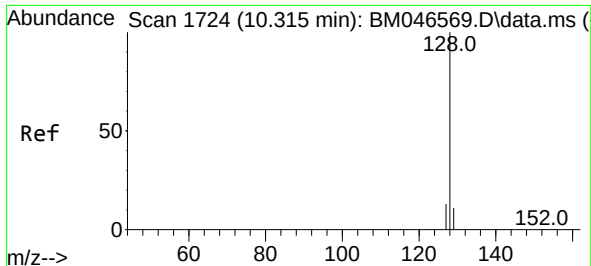
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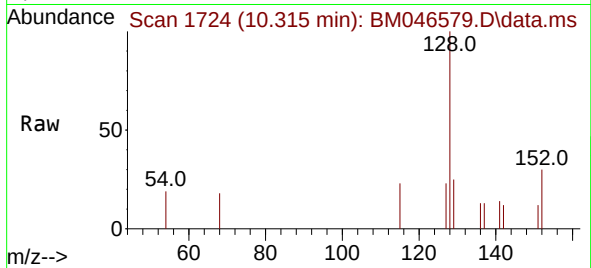
Quant Time: Jul 15 09:01:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

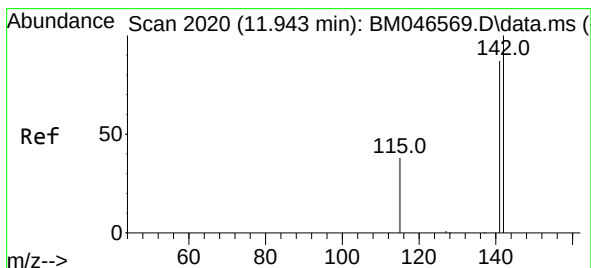
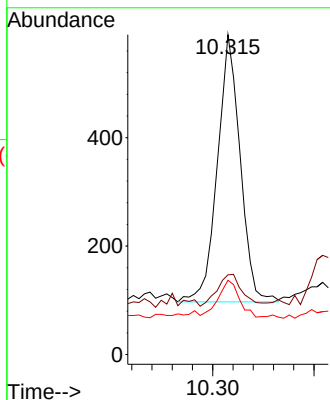
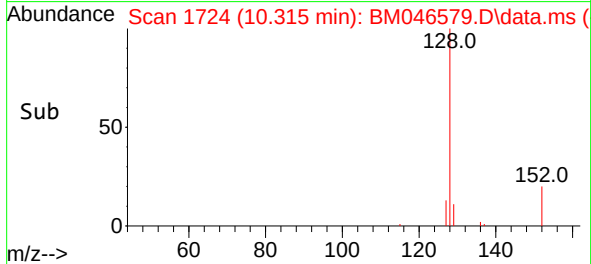
Instrument :
BNA_M
ClientSampleId :
A4D11



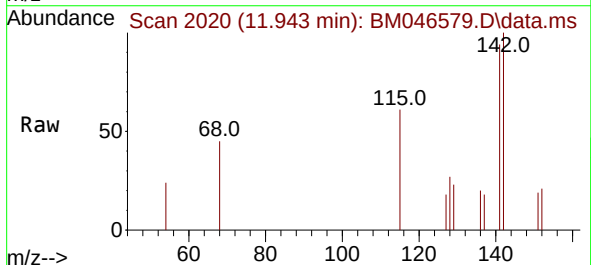
Tgt Ion:128 Resp: 772
Ion Ratio Lower Upper
128 100
129 24.9 10.3 15.5
127 23.2 12.2 18.4

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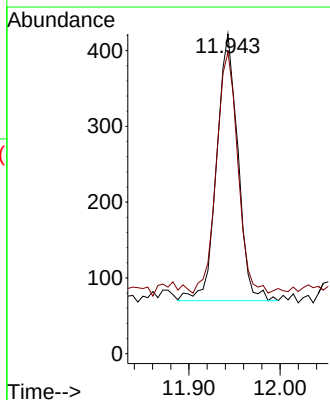
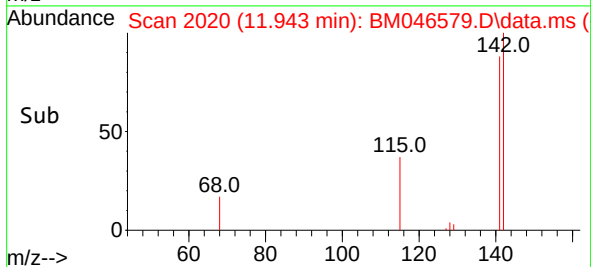
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

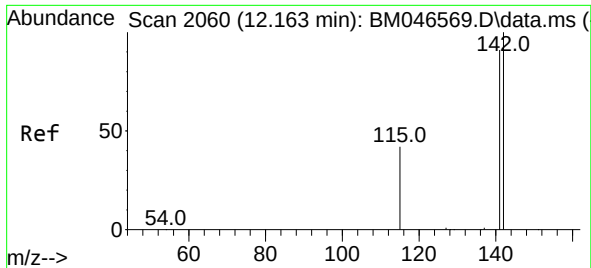


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38



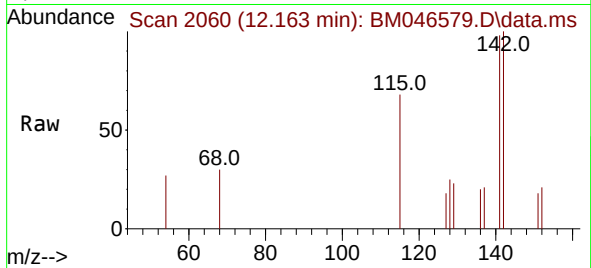
Tgt Ion:142 Resp: 569
Ion Ratio Lower Upper
142 100
141 91.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

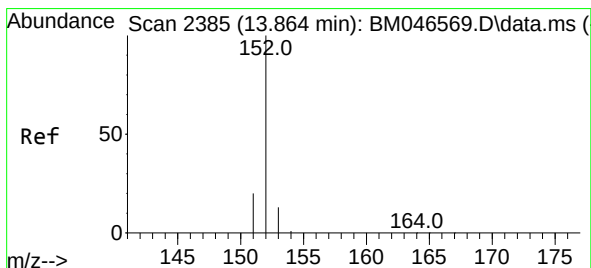
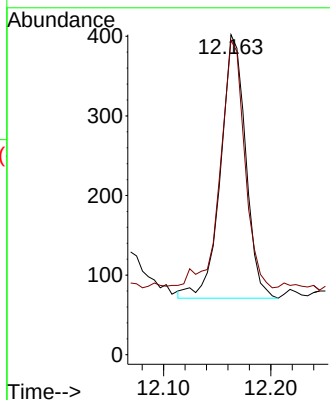
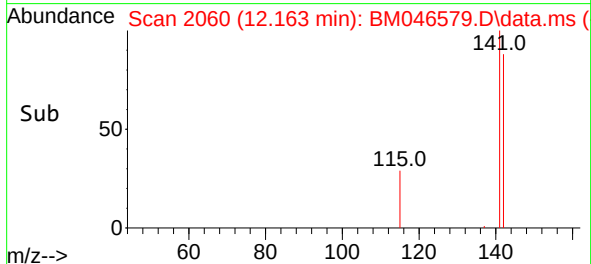
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 534
Ion Ratio Lower Upper
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141 90.4 73.9 110.9

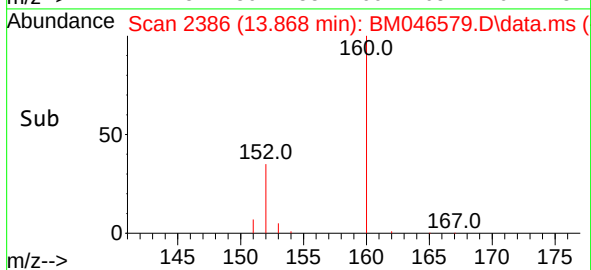
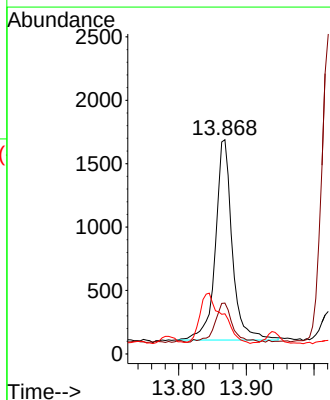
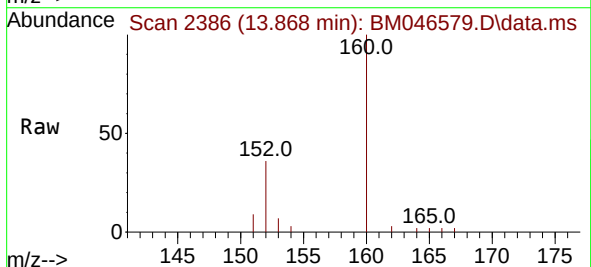
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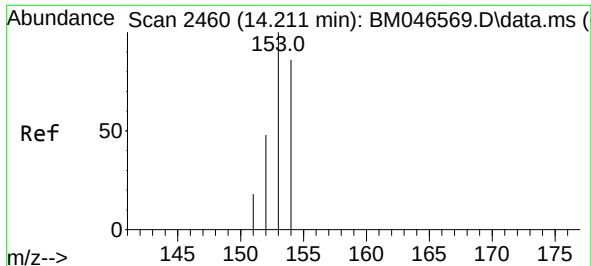
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. 0.004 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

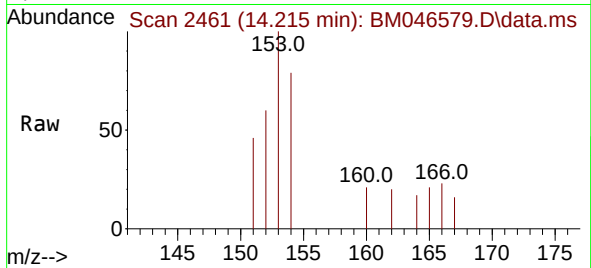
Tgt Ion:152 Resp: 2727
Ion Ratio Lower Upper
152 100
151 23.7 16.4 24.6
153 18.8 12.4 18.6#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. 0.004 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

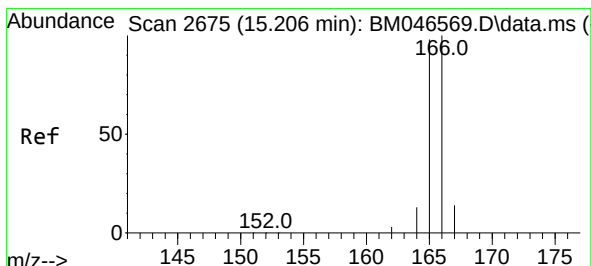
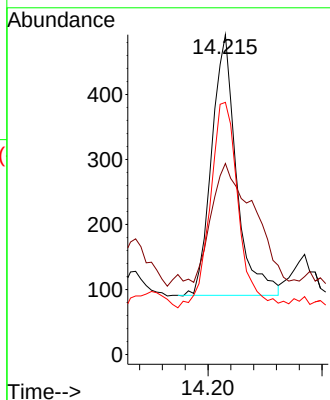
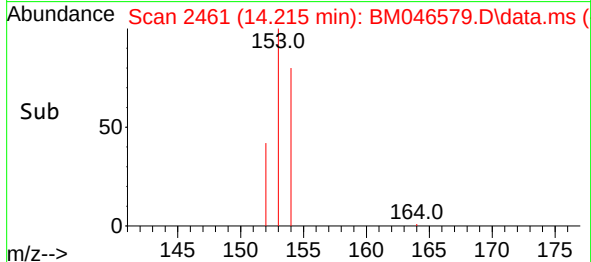
Instrument :
BNA_M
ClientSampleId :
A4D11



Tgt Ion:153 Resp: 604
Ion Ratio Lower Upper
153 100
152 59.8 43.0 64.6
154 78.9 69.9 104.9

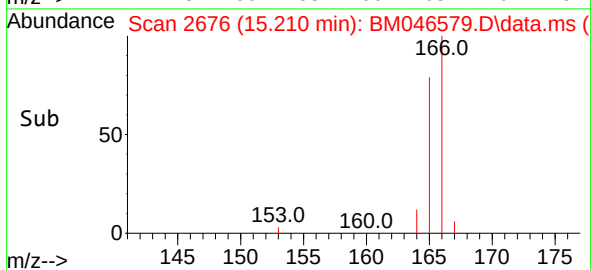
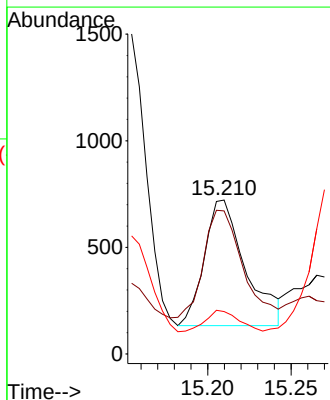
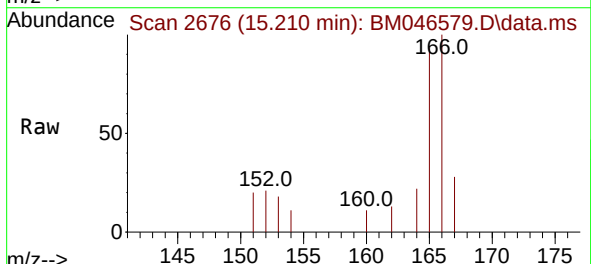
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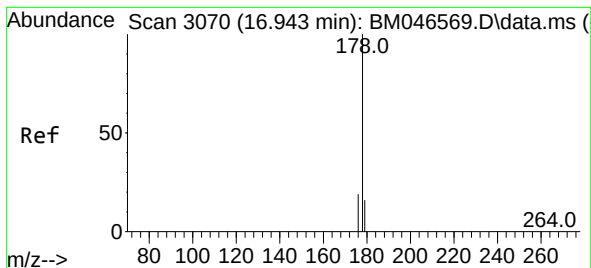
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.210 min Scan# 2676
Delta R.T. 0.004 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

Tgt Ion:166 Resp: 1012
Ion Ratio Lower Upper
166 100
165 92.9 76.1 114.1
167 27.6 12.5 18.7#





#15

Phenanthrene

Concen: 0.411 ng/ul

RT: 16.943 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM046579.D

Acq: 13 Jul 2024 12:38

Instrument :

BNA_M

ClientSampleId :

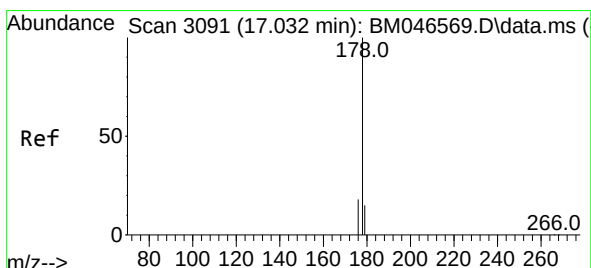
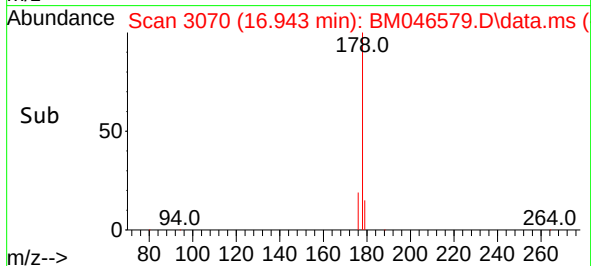
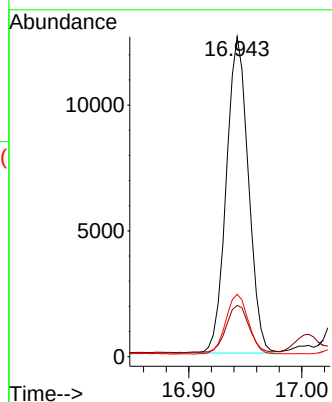
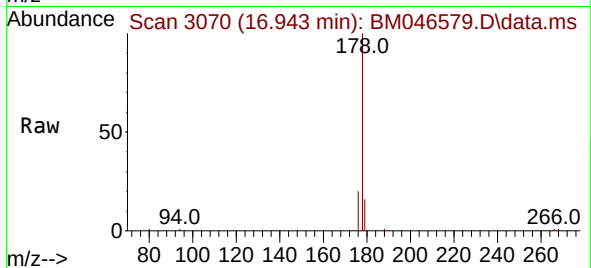
A4D11

Tgt Ion:178	Resp:	17040
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.1 19.7
176	19.5	16.0 24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#16

Anthracene

Concen: 0.076 ng/ul

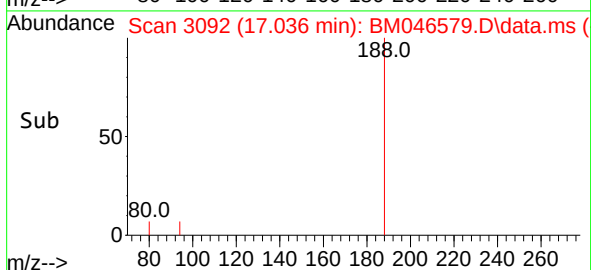
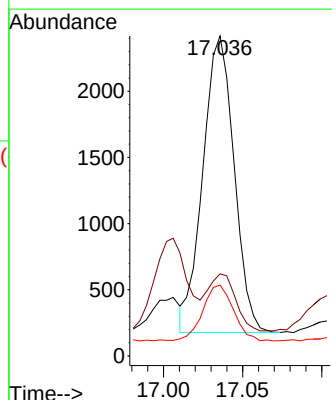
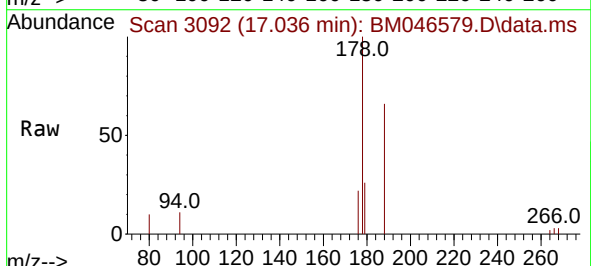
RT: 17.036 min Scan# 3092

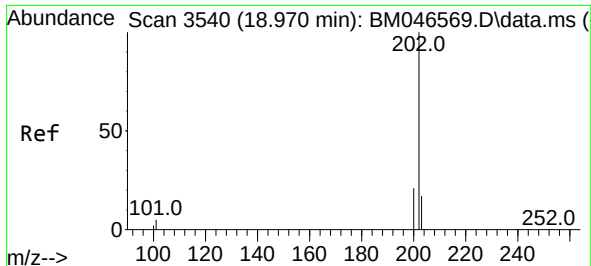
Delta R.T. 0.004 min

Lab File: BM046579.D

Acq: 13 Jul 2024 12:38

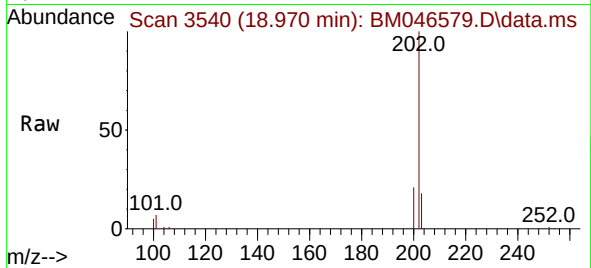
Tgt Ion:178	Resp:	3073
Ion Ratio	Lower	Upper
178	100	
179	25.6	13.5 20.3
176	22.1	15.7 23.5





#19
Fluoranthene
Concen: 0.908 ng/u1
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

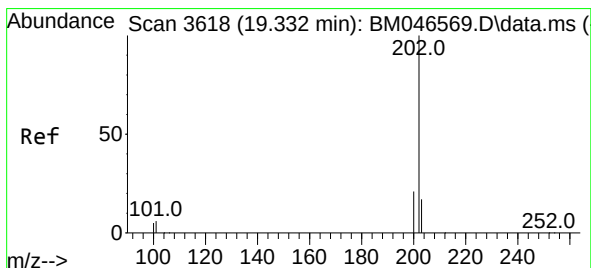
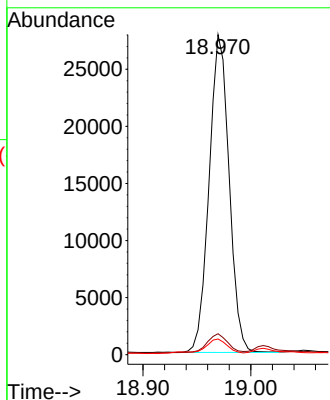
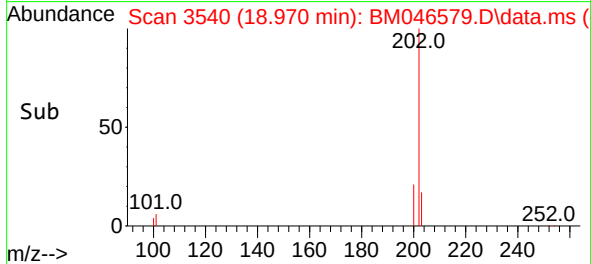
Instrument :
BNA_M
ClientSampleId :
A4D11



Tgt Ion:202 Resp: 35839
Ion Ratio Lower Upper
202 100
101 6.5 4.6 6.8
100 4.9 3.0 4.6

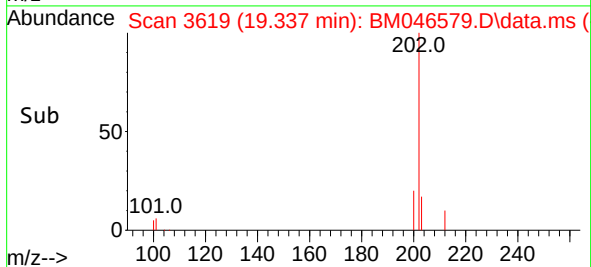
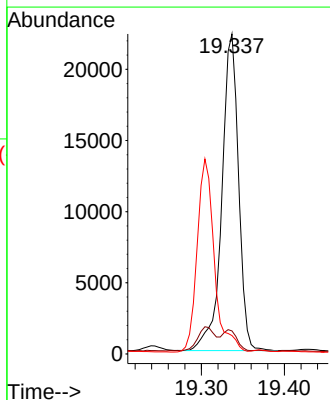
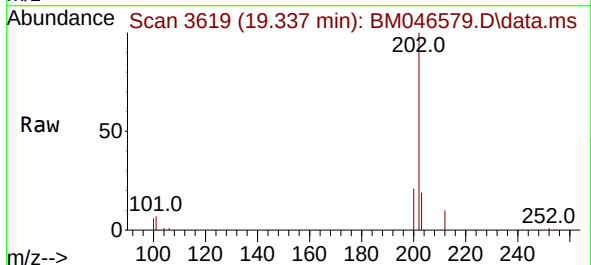
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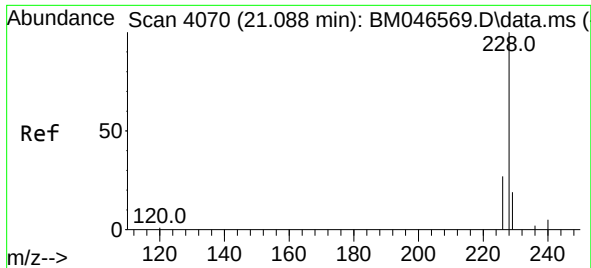
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 0.725 ng/u1
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

Tgt Ion:202 Resp: 30998
Ion Ratio Lower Upper
202 100
101 7.2 5.1 7.7
100 5.7 3.8 5.6





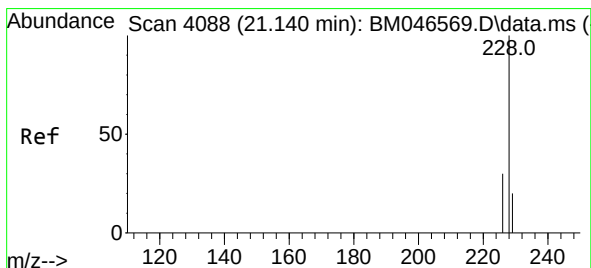
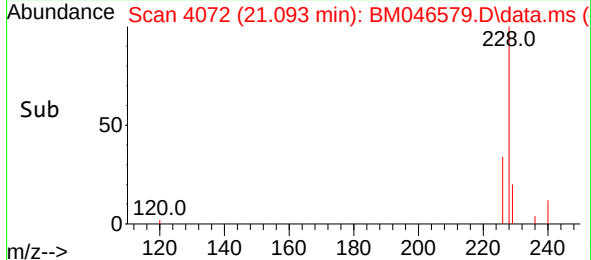
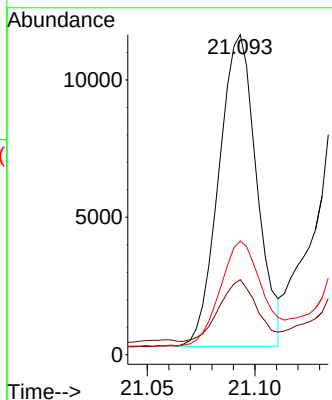
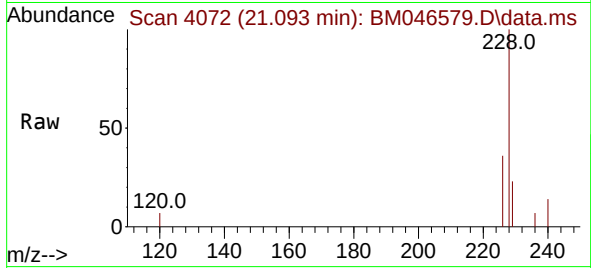
#21
Benzo(a)anthracene
Concen: 0.327 ng/ul m
RT: 21.093 min Scan# 4070
Delta R.T. 0.005 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 13889
Ion Ratio Lower Upper
228 100
229 23.4 16.5 24.7
226 35.6 22.5 33.7

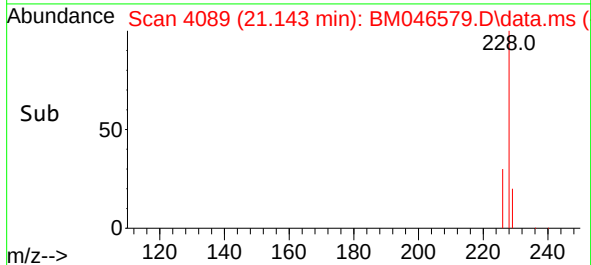
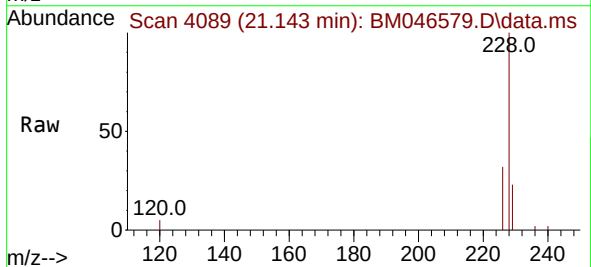
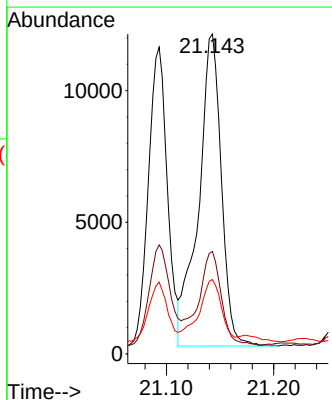
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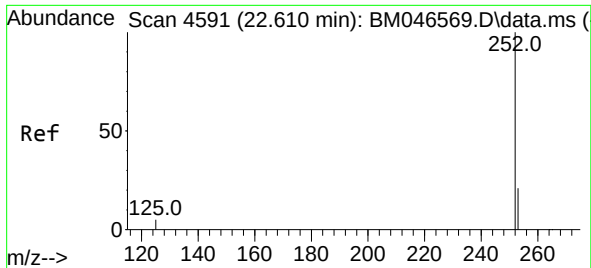
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.003 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

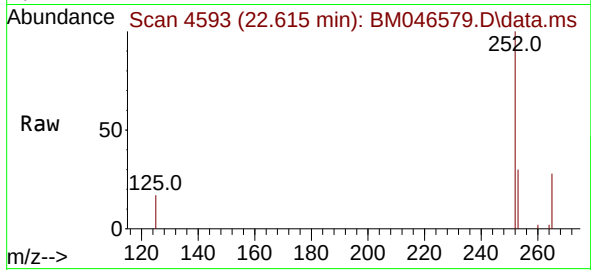
Tgt Ion:228 Resp: 17509
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 23.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.548 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. 0.005 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

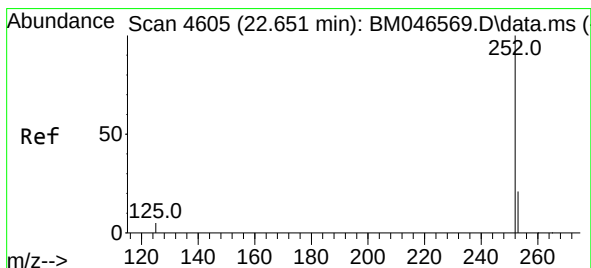
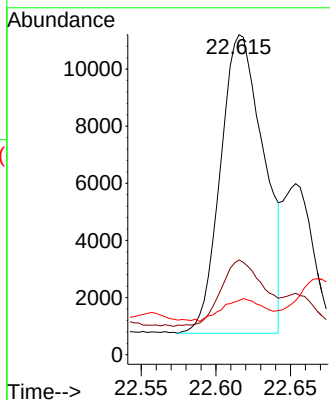
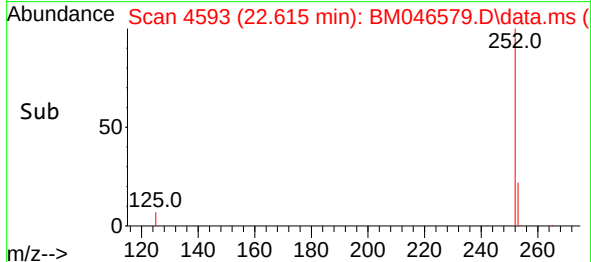
Instrument :
BNA_M
ClientSampleId :
A4D11



Tgt Ion:252 Resp: 2108
Ion Ratio Lower Upper
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125 16.9 0.0 17.8

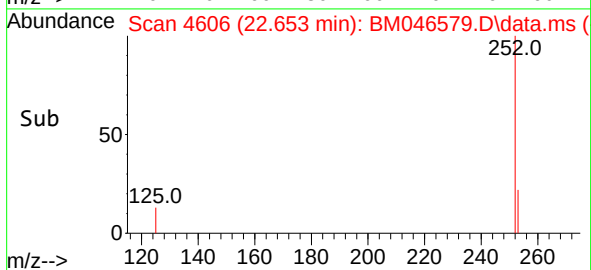
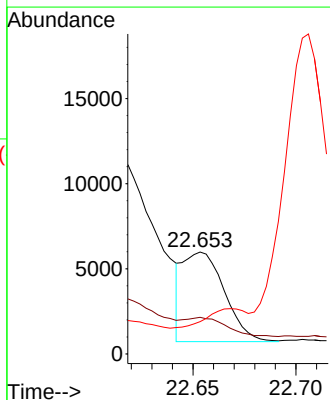
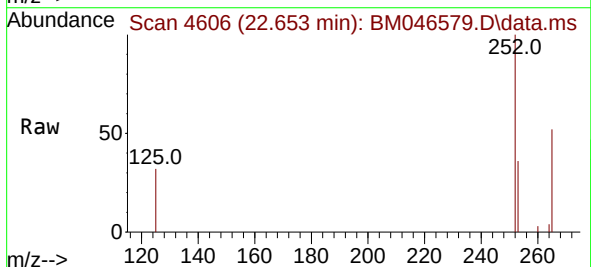
Manual Integrations
APPROVED

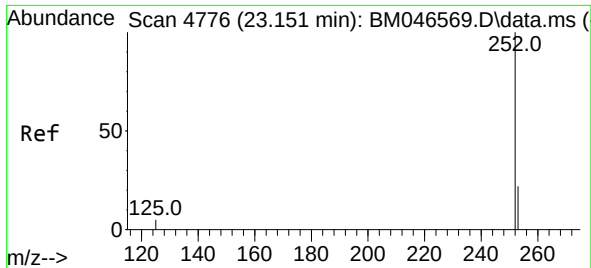
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

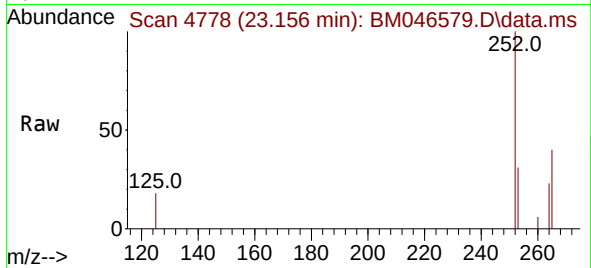
Tgt Ion:252 Resp: 7407
Ion Ratio Lower Upper
252 100
253 35.9 22.4 33.6#
125 31.7 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.156 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

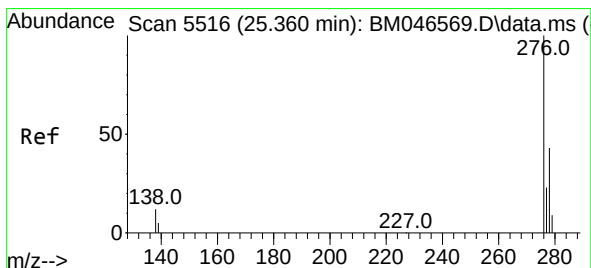
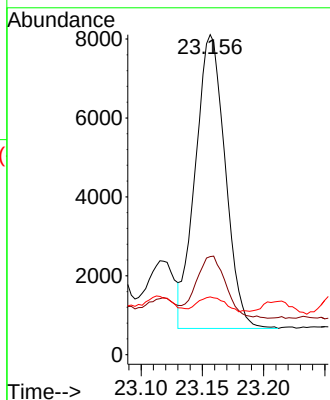
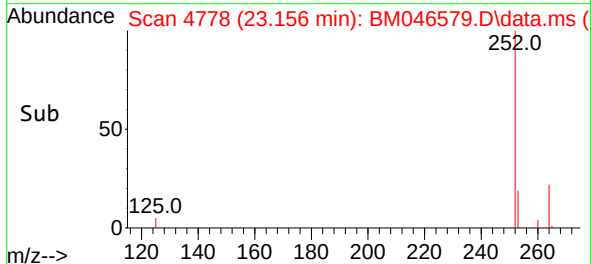
Instrument :
BNA_M
ClientSampleId :
A4D11



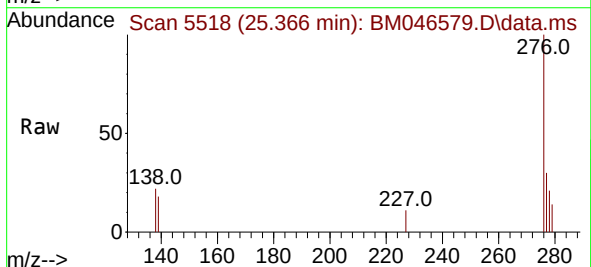
Tgt Ion:252 Resp: 12599
Ion Ratio Lower Upper
252 100
253 30.7 24.0 36.0
125 18.1 8.2 12.2

Manual Integrations
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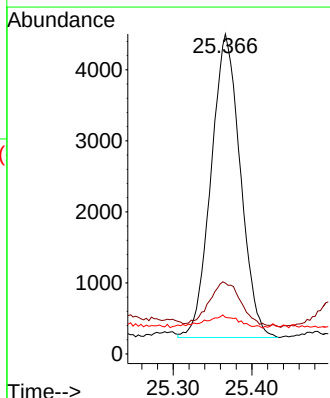
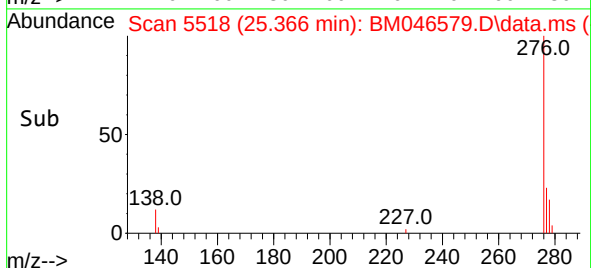
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

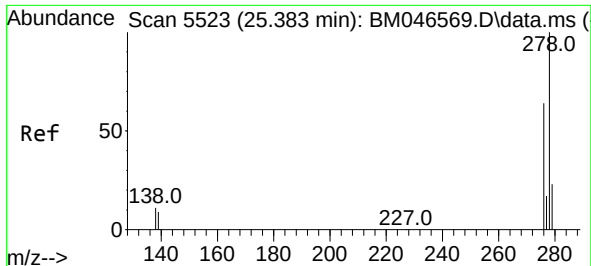


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.229 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. 0.006 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38



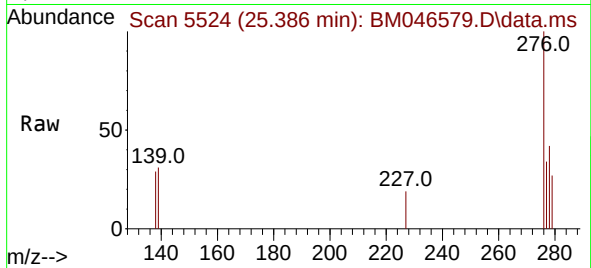
Tgt Ion:276 Resp: 11038
Ion Ratio Lower Upper
276 100
138 17.0 0.0 0.0#
227 5.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.386 min Scan# 5110
Delta R.T. 0.003 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38

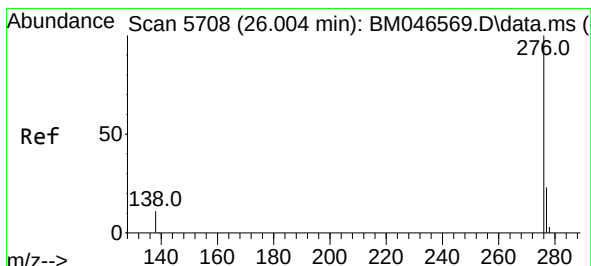
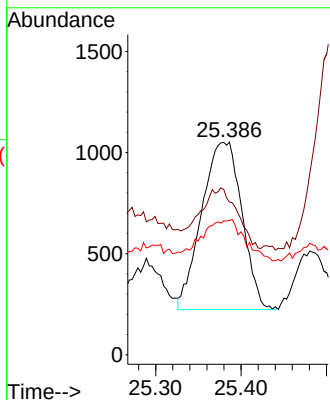
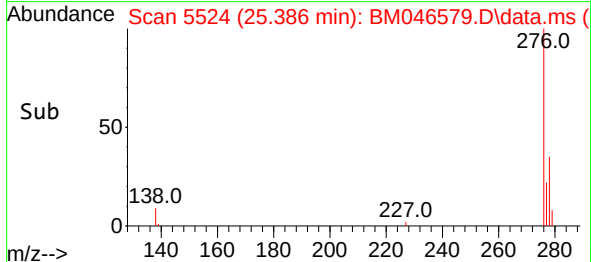
Instrument :
BNA_M
ClientSampleId :
A4D11



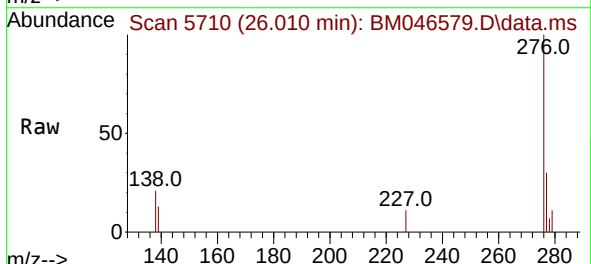
Tgt Ion:278 Resp: 2710
Ion Ratio Lower Upper
278 100
139 71.8 9.1 13.7
279 63.3 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.288 ng/ul
RT: 26.010 min Scan# 5710
Delta R.T. 0.006 min
Lab File: BM046579.D
Acq: 13 Jul 2024 12:38



Tgt Ion:276 Resp: 11093
Ion Ratio Lower Upper
276 100
138 21.2 10.2 15.4
277 30.1 20.9 31.3

