

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046549.D
 Acq On : 12 Jul 2024 17:26
 Operator : MA/JU
 Sample : P3088-01DL2 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP1DL2

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 19:04:47 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	2158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	5482	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.154	164	3401	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.903	188	7123	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	5769	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	6764	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	60	0.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	149	0.017	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	369	0.021	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.319	128	7465	0.535	ng/ul	98
10) Acenaphthylene	13.867	152	12851	0.830	ng/ul	98
11) Acenaphthene	14.218	153	10788	1.040	ng/ul	96
12) Fluorene	15.208	166	809	0.063	ng/ul#	94
15) Phenanthrene	16.946	178	13913	0.684	ng/ul	99
16) Anthracene	17.038	178	16380	0.826	ng/ul	98
19) Fluoranthene	18.973	202	14193	0.599	ng/ul	99
20) Pyrene	19.335	202	2696	0.105	ng/ul#	92
21) Benzo(a)anthracene	21.096	228	2433	0.095	ng/ul	94
22) Chrysene	21.146	228	1673m	0.068	ng/ul	
24) Benzo(b)fluoranthene	22.619	252	5499	0.204	ng/ul	91
25) Benzo(k)fluoranthene	22.660	252	5103	0.192	ng/ul#	90
26) Benzo(a)pyrene	23.160	252	9444	0.425	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.377	276	14908	0.441	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	7774	0.290	ng/ul	98
29) Benzo(g,h,i)perylene	26.017	276	3112	0.115	ng/ul#	88

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

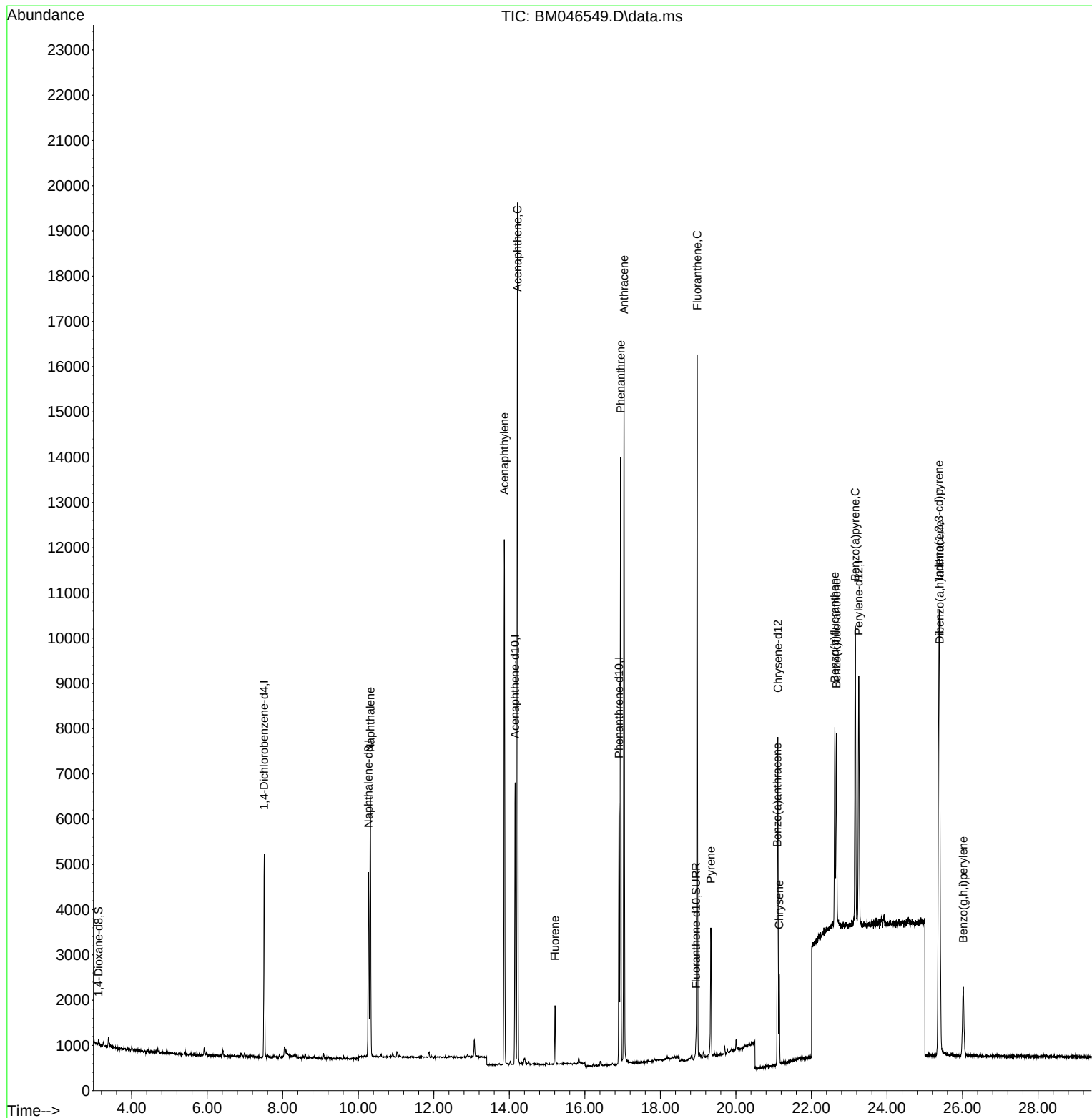
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046549.D
Acq On : 12 Jul 2024 17:26
Operator : MA/JU
Sample : P3088-01DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

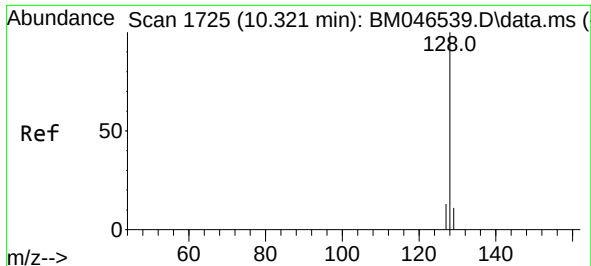
Instrument :
BNA_M
ClientSampleId :
A4DP1DL2

Quant Time: Jul 12 19:04:47 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

Manual Integrations
APPROVED

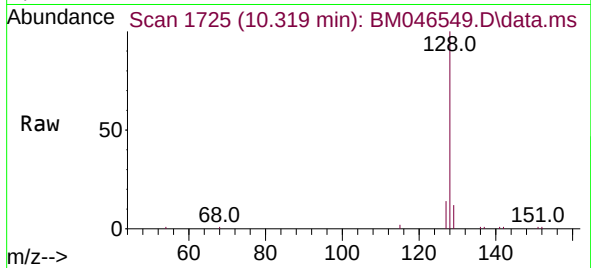
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024





#5
Naphthalene
Concen: 0.535 ng/ul
RT: 10.319 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

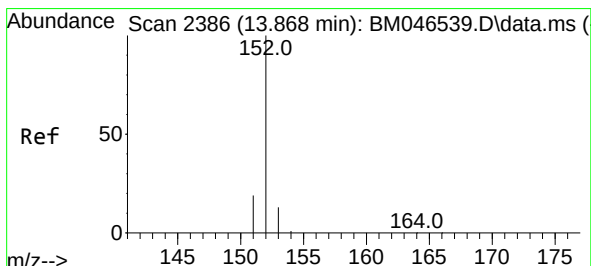
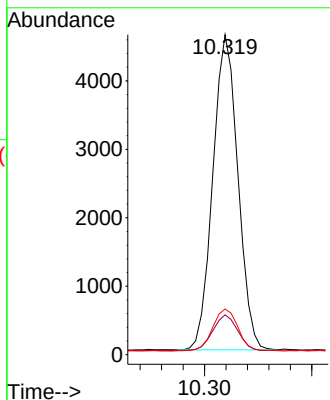
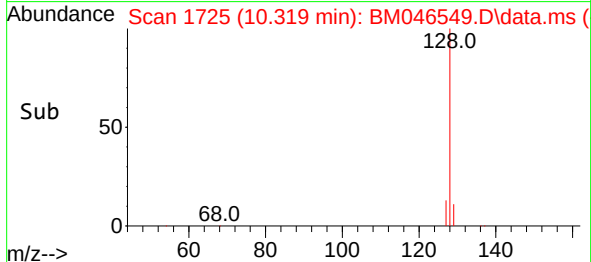
Instrument :
BNA_M
ClientSampleId :
A4DP1DL2



Tgt Ion:128 Resp: 7461
Ion Ratio Lower Upper
128 100
129 12.5 10.3 15.5
127 14.2 12.2 18.4

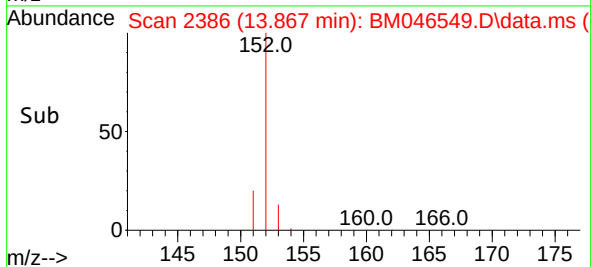
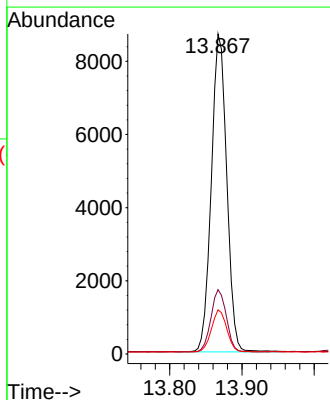
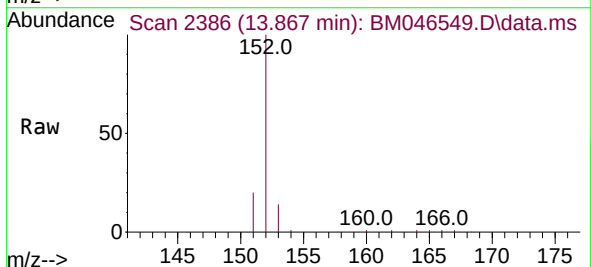
Manual Integrations
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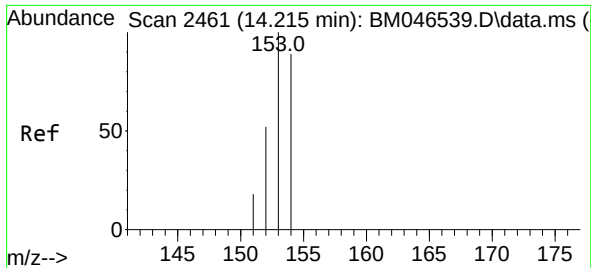
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.830 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. -0.005 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

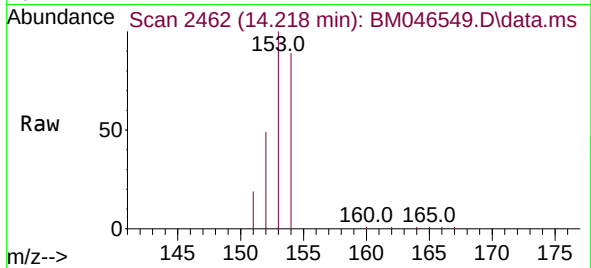
Tgt Ion:152 Resp: 12851
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.8 12.4 18.6





#11
Acenaphthene
Concen: 1.040 ng/ul
RT: 14.218 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

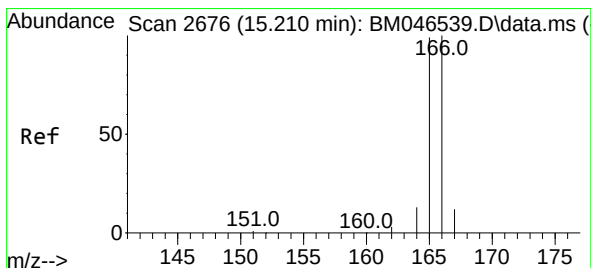
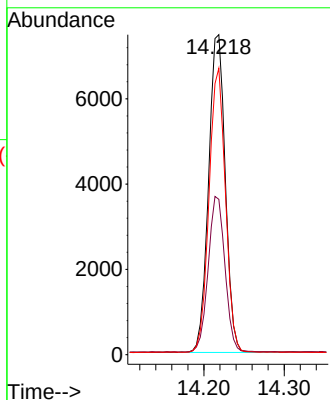
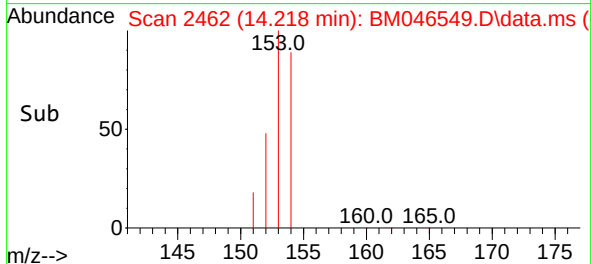
Instrument :
BNA_M
ClientSampleId :
A4DP1DL2



Tgt Ion:153 Resp: 10788
Ion Ratio Lower Upper
153 100
152 48.6 43.0 64.6
154 89.5 69.9 104.9

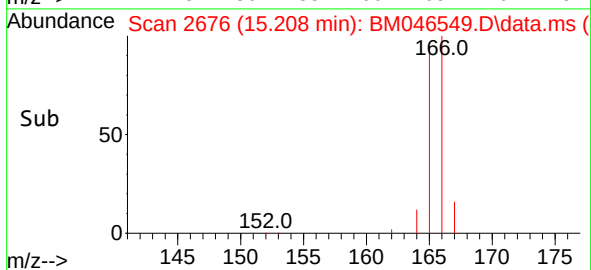
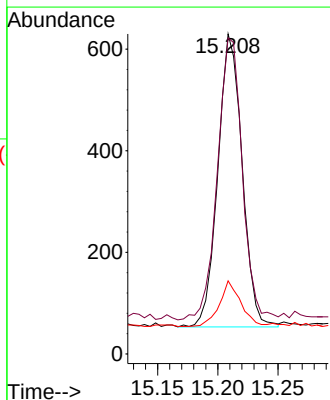
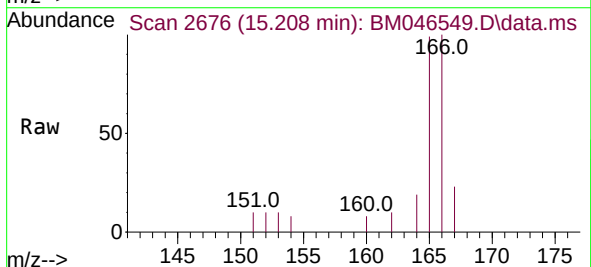
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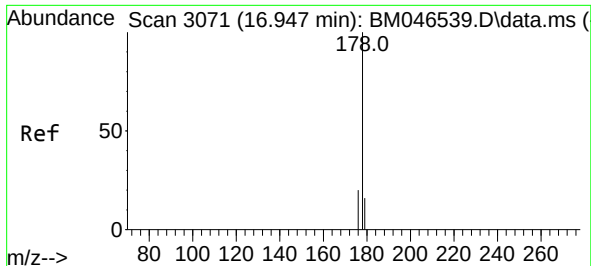
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.208 min Scan# 2676
Delta R.T. -0.005 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

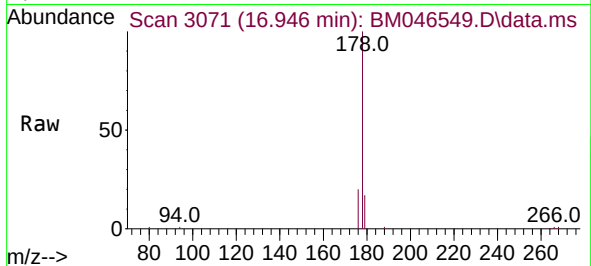
Tgt Ion:166 Resp: 809
Ion Ratio Lower Upper
166 100
165 98.7 76.1 114.1
167 22.9 12.5 18.7#





#15
Phenanthrene
Concen: 0.684 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

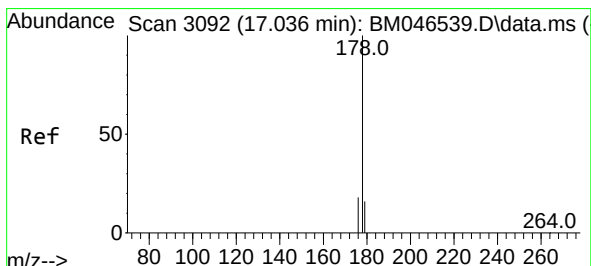
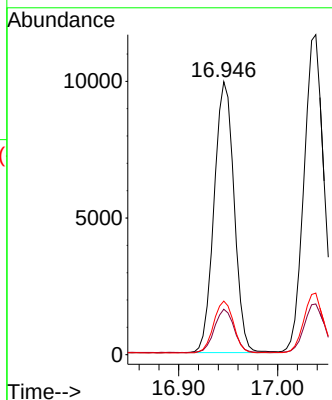
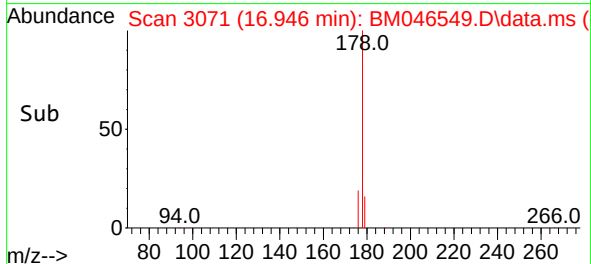
Instrument :
BNA_M
ClientSampleId :
A4DP1DL2



Tgt Ion:178 Resp: 1391
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 19.6 16.0 24.0

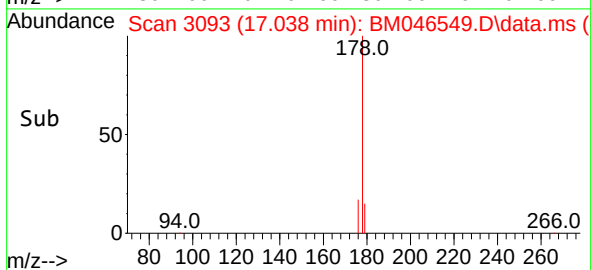
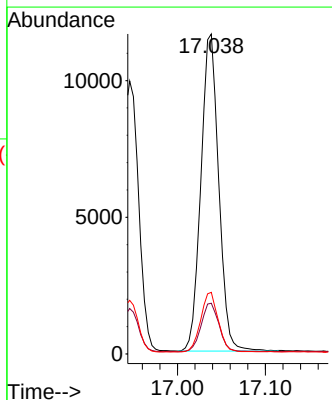
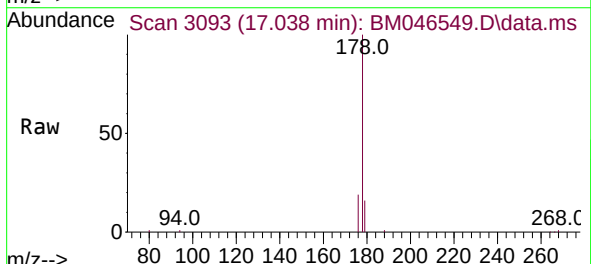
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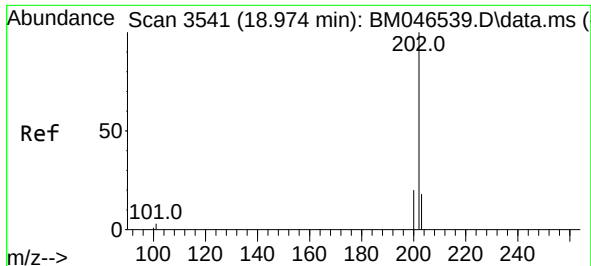
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.826 ng/ul
RT: 17.038 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

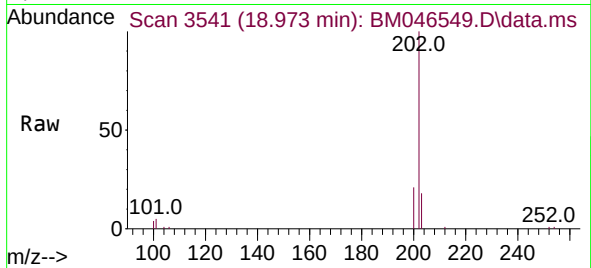
Tgt Ion:178 Resp: 16380
Ion Ratio Lower Upper
178 100
179 15.8 13.5 20.3
176 19.2 15.7 23.5





#19
Fluoranthene
Concen: 0.599 ng/u1
RT: 18.973 min Scan# 3541
Delta R.T. -0.005 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

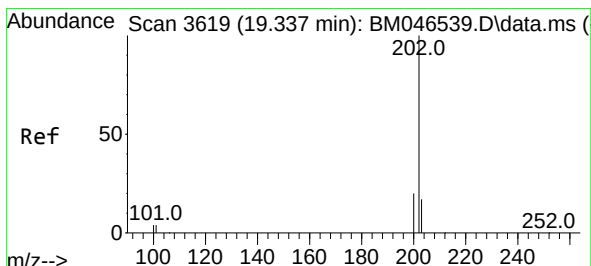
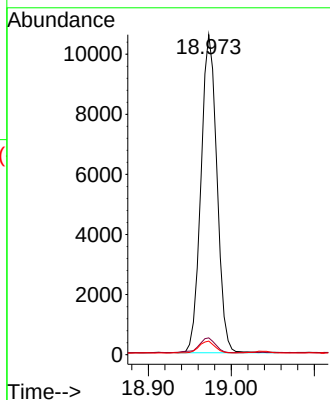
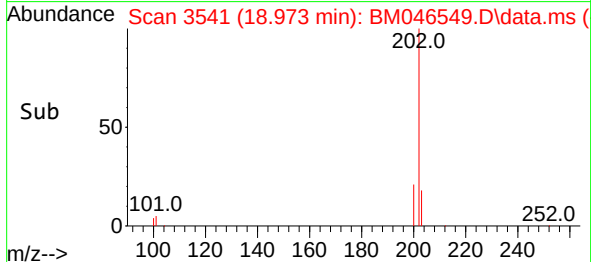
Instrument :
BNA_M
ClientSampleId :
A4DP1DL2



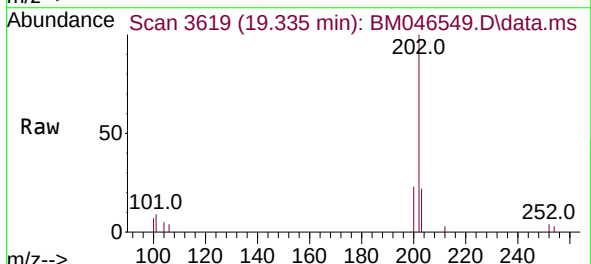
Tgt Ion:202 Resp: 1419
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.2 3.0 4.6

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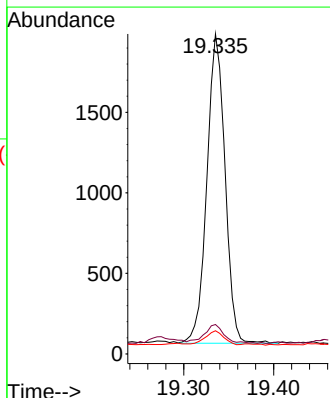
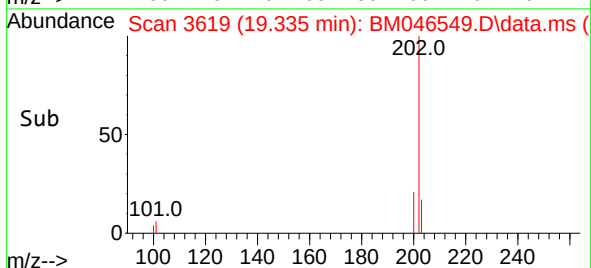
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

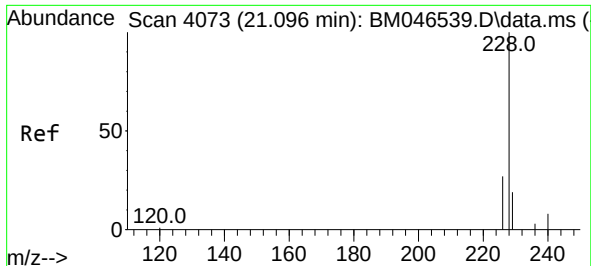


#20
Pyrene
Concen: 0.105 ng/u1
RT: 19.335 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26



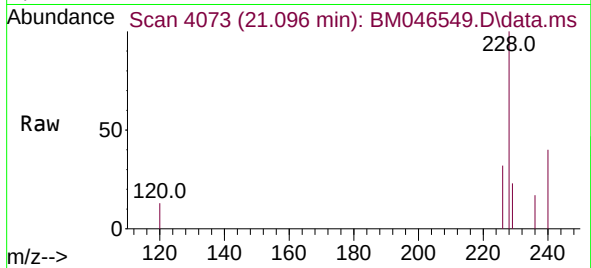
Tgt Ion:202 Resp: 2696
Ion Ratio Lower Upper
202 100
101 9.2 5.1 7.7#
100 7.2 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. -0.000 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

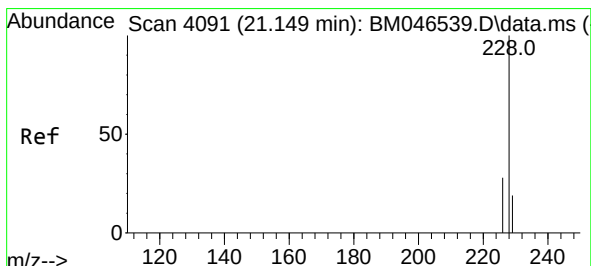
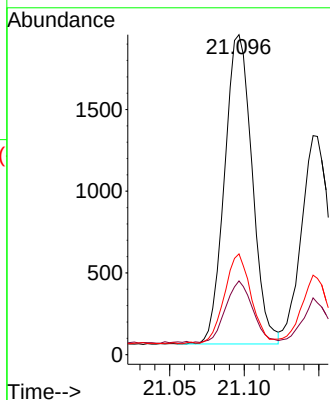
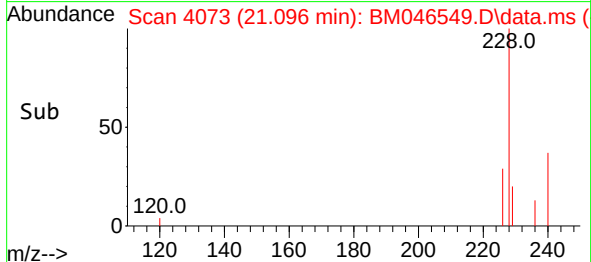
Instrument :
BNA_M
ClientSampleId :
A4DP1DL2



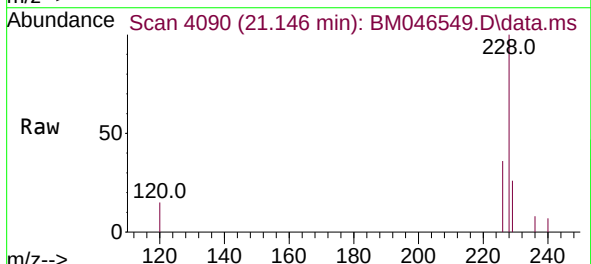
Tgt Ion:228 Resp: 2438
Ion Ratio Lower Upper
228 100
229 23.0 16.5 24.7
226 31.5 22.5 33.7

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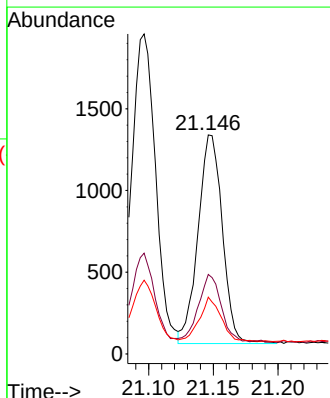
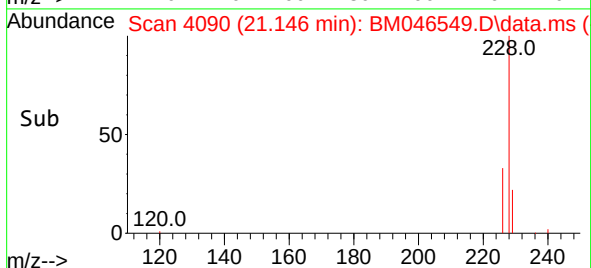
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

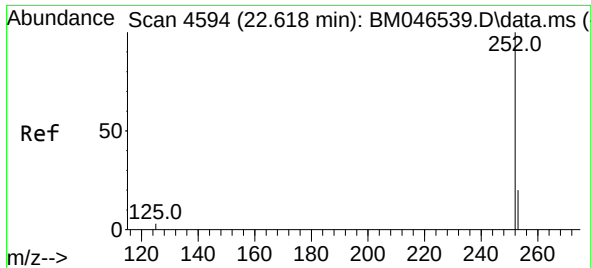


#22
Chrysene
Concen: 0.068 ng/ul m
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26



Tgt Ion:228 Resp: 1673
Ion Ratio Lower Upper
228 100
226 36.3 24.3 36.5
229 25.9 16.4 24.6#





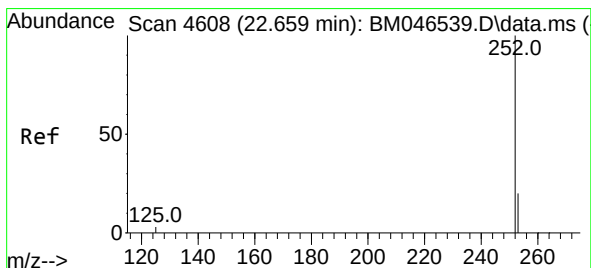
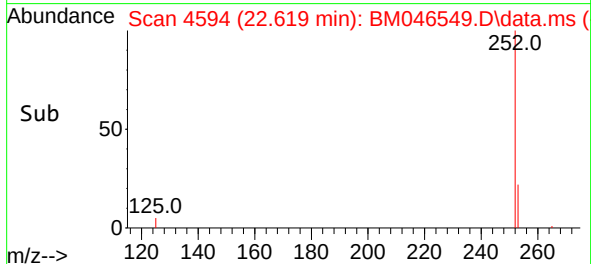
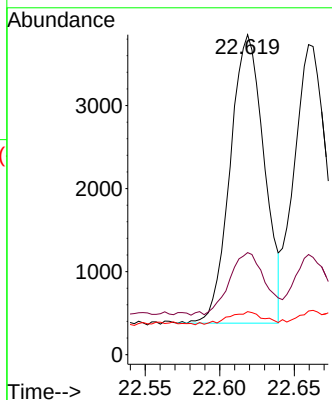
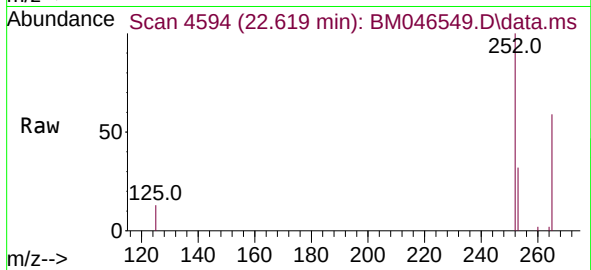
#24
Benzo(b)fluoranthene
Concen: 0.204 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

Instrument :
BNA_M
ClientSampleId :
A4DP1DL2

Tgt Ion:252 Resp: 5498
Ion Ratio Lower Upper
252 100
253 31.9 0.0 56.2
125 13.4 0.0 17.8

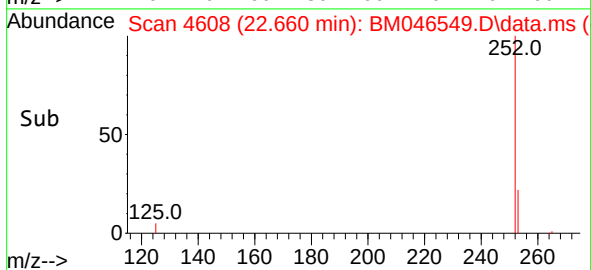
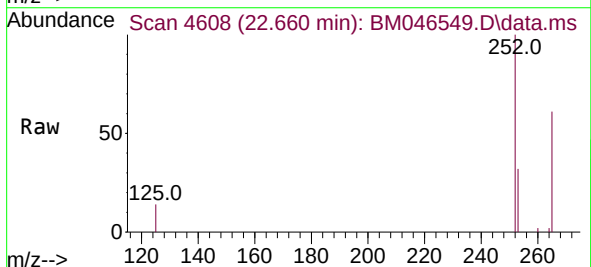
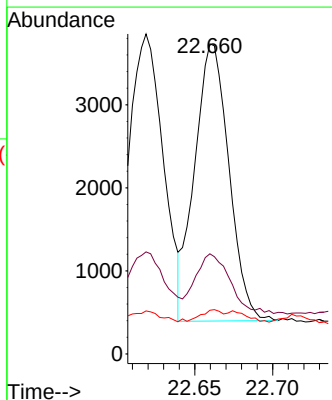
Manual Integrations
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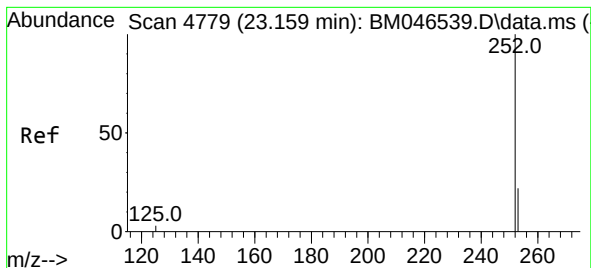
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

Tgt Ion:252 Resp: 5103
Ion Ratio Lower Upper
252 100
253 32.3 22.4 33.6
125 14.1 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.425 ng/ul

RT: 23.160 min Scan# 4779

Delta R.T. -0.003 min

Lab File: BM046549.D

Acq: 12 Jul 2024 17:26

Instrument :

BNA_M

ClientSampleId :

A4DP1DL2

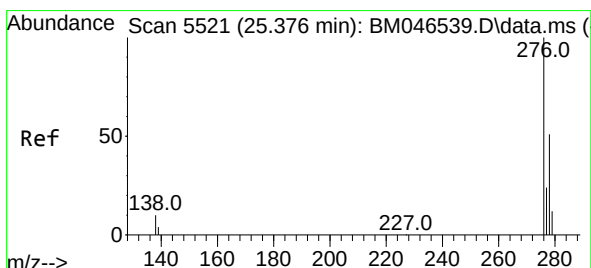
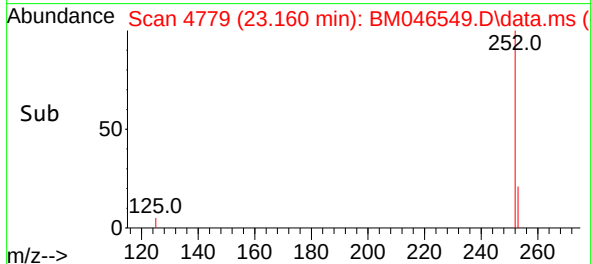
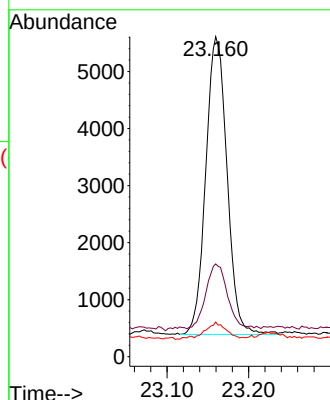
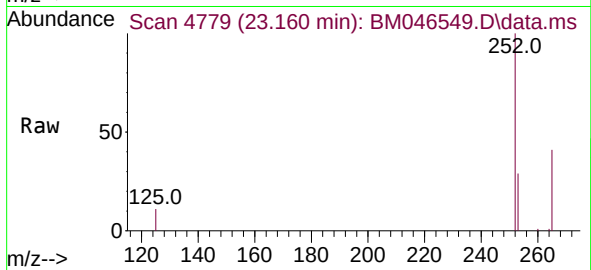
Tgt Ion:	252	Resp:	944
Ion Ratio	Lower	Upper	
252	100		
253	29.0	24.0	36.0
125	10.8	8.2	12.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.441 ng/ul

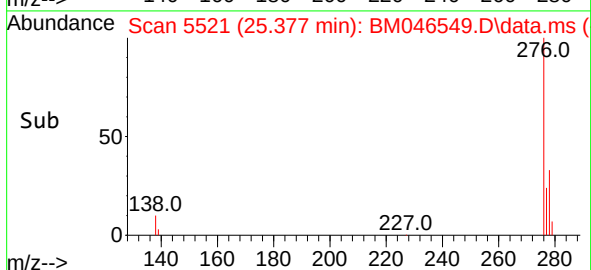
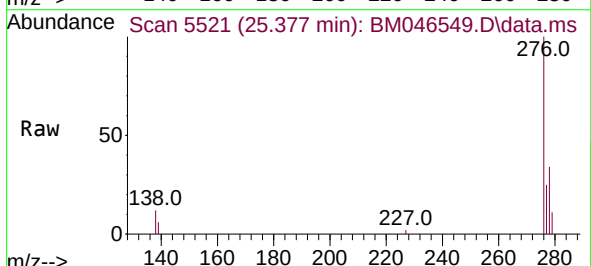
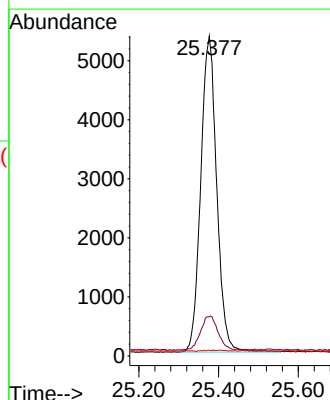
RT: 25.377 min Scan# 5521

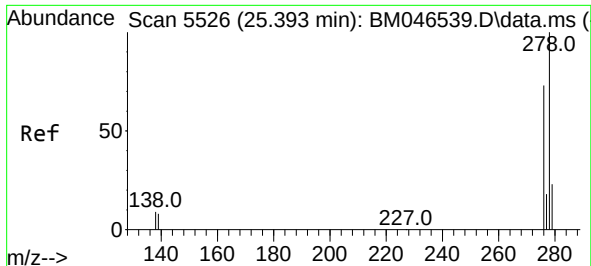
Delta R.T. -0.007 min

Lab File: BM046549.D

Acq: 12 Jul 2024 17:26

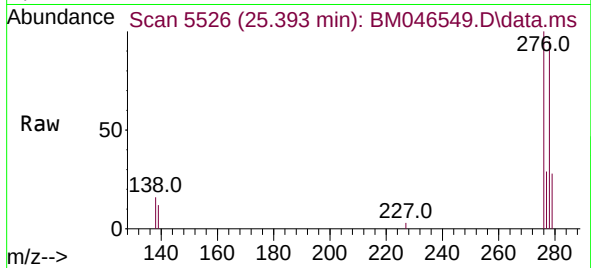
Tgt Ion:	276	Resp:	14908
Ion Ratio	Lower	Upper	
276	100		
138	11.8	0.0	0.0#
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 25.393 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26

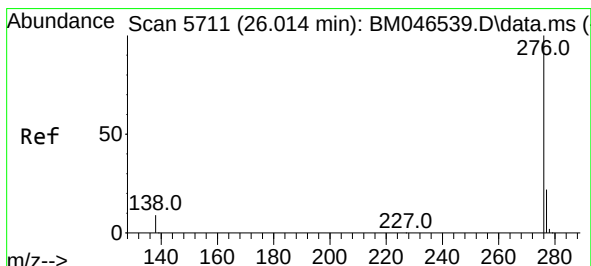
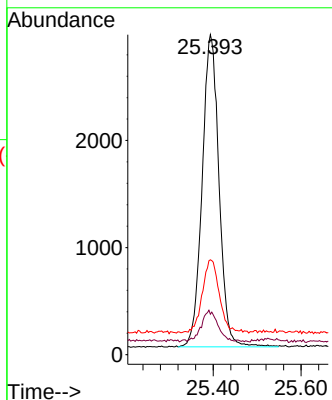
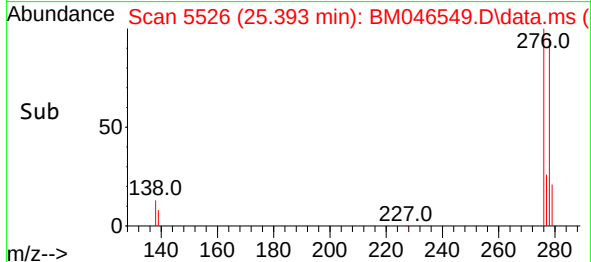
Instrument :
BNA_M
ClientSampleId :
A4DP1DL2



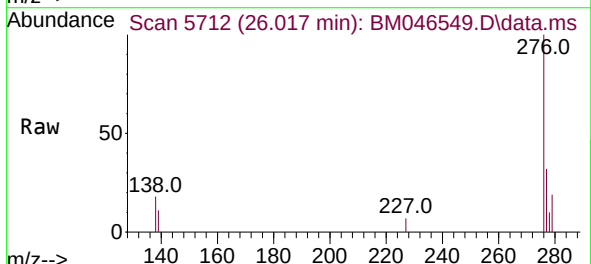
Tgt Ion:278 Resp: 7774
Ion Ratio Lower Upper
278 100
139 12.7 9.1 13.7
279 29.6 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 26.017 min Scan# 5712
Delta R.T. -0.003 min
Lab File: BM046549.D
Acq: 12 Jul 2024 17:26



Tgt Ion:276 Resp: 3112
Ion Ratio Lower Upper
276 100
138 17.5 10.2 15.4#
277 32.3 20.9 31.3#

