

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046596.D
 Acq On : 15 Jul 2024 14:01
 Operator : MA/JU
 Sample : P3139-04DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DQ1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 15 14:32:05 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	2876	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	7612	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.149	164	5075	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	11011	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	8550	0.400	ng/ul	0.00
23) Perylene-d12	23.253	264	9407	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	63m	0.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	351	0.029	ng/ul	0.00
18) Fluoranthene-d10	18.941	212	956	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.314	128	14634	0.756	ng/ul	96
10) Acenaphthylene	13.867	152	5858	0.254	ng/ul	99
11) Acenaphthene	14.214	153	11906	0.769	ng/ul	96
12) Fluorene	15.209	166	6768	0.353	ng/ul	95
15) Phenanthrene	16.946	178	8835	0.281	ng/ul	99
16) Anthracene	17.035	178	40498	1.321	ng/ul	97
19) Fluoranthene	18.973	202	14997	0.427	ng/ul	99
20) Pyrene	19.336	202	7131	0.188	ng/ul#	96
21) Benzo(a)anthracene	21.097	228	14082	0.372	ng/ul	98
22) Chrysene	21.146	228	5158	0.141	ng/ul	98
24) Benzo(b)fluoranthene	22.619	252	12678	0.337	ng/ul	96
25) Benzo(k)fluoranthene	22.663	252	15215	0.412	ng/ul#	98
26) Benzo(a)pyrene	23.163	252	4472	0.145	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.377	276	26522	0.564	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.397	278	19453	0.522	ng/ul	97
29) Benzo(g,h,i)perylene	26.021	276	15886	0.423	ng/ul	99

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

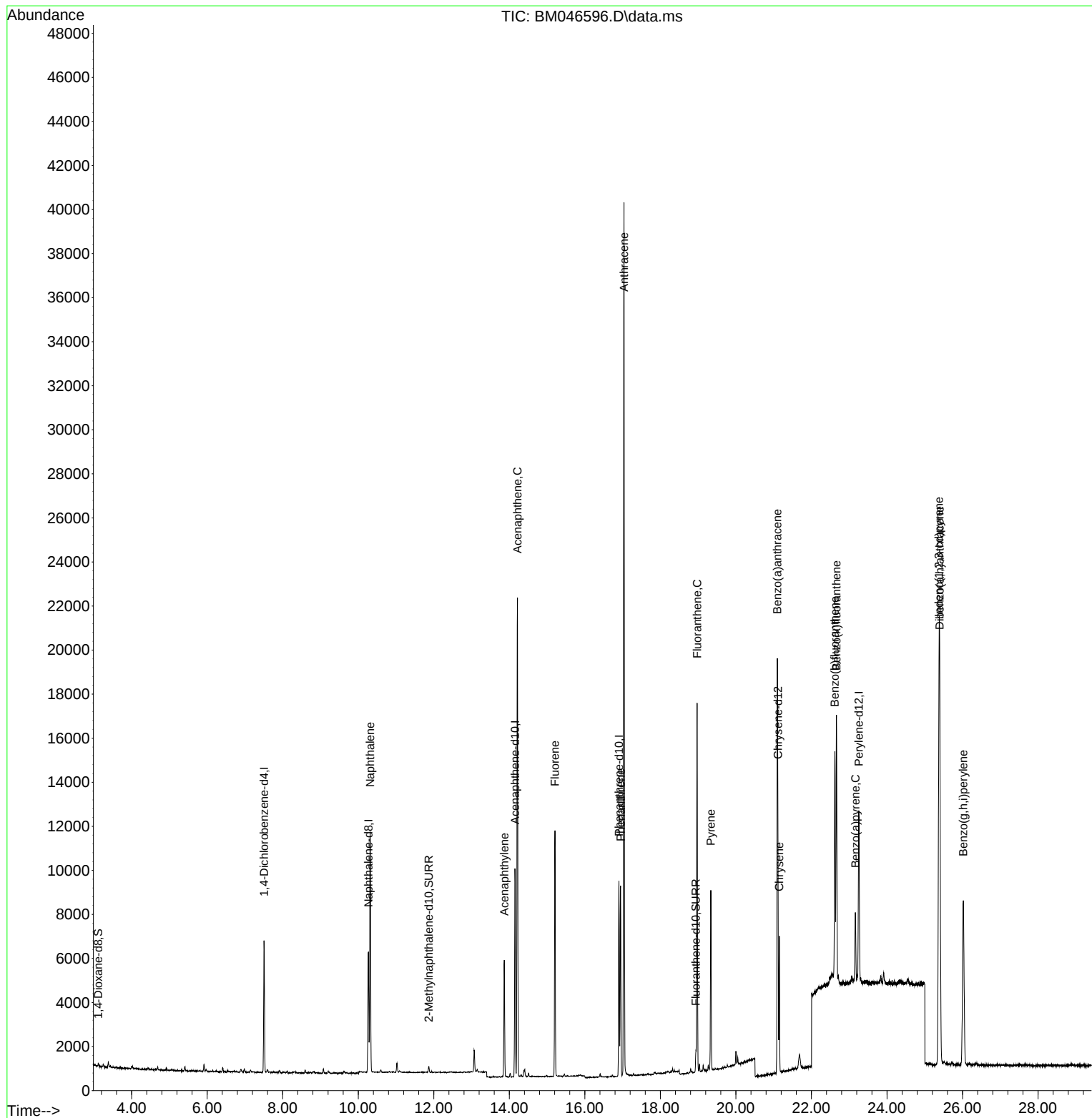
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046596.D
Acq On : 15 Jul 2024 14:01
Operator : MA/JU
Sample : P3139-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

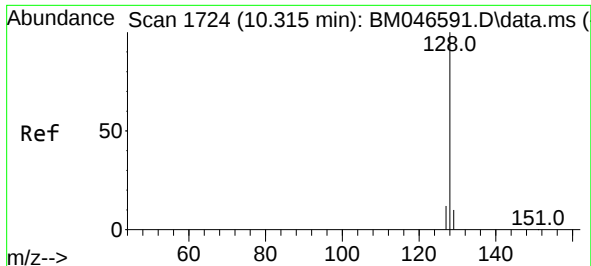
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL

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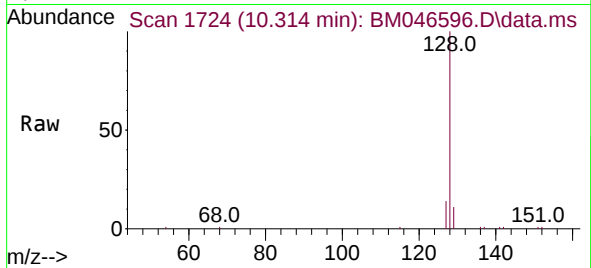
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.756 ng/ul
RT: 10.314 min Scan# 11
Delta R.T. -0.002 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

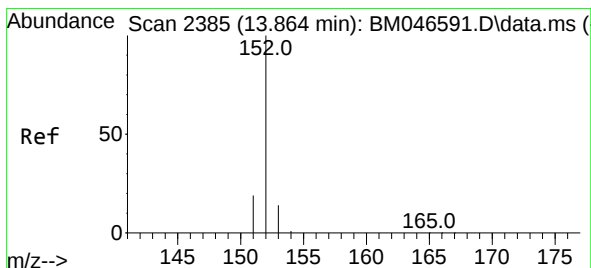
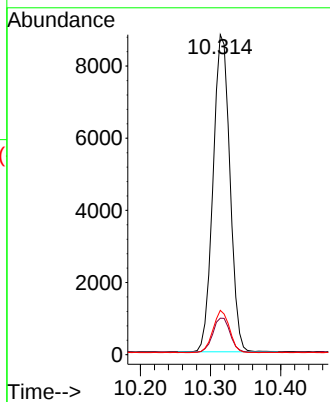
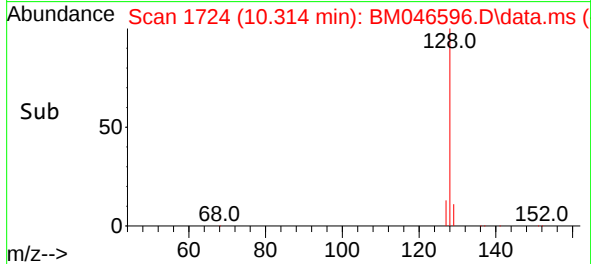
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL



Tgt Ion:128 Resp: 14634
Ion Ratio Lower Upper
128 100
129 11.4 10.3 15.5
127 13.9 12.2 18.4

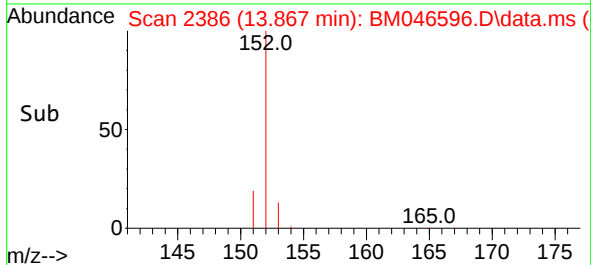
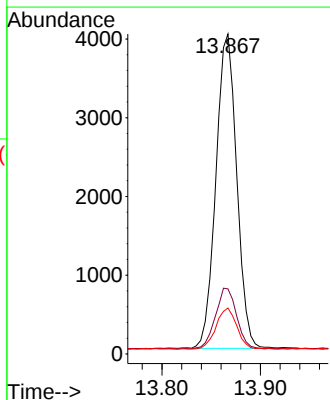
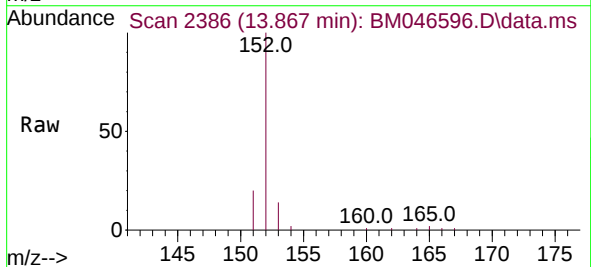
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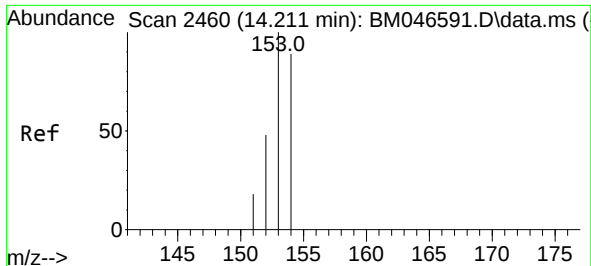
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.254 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. 0.003 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

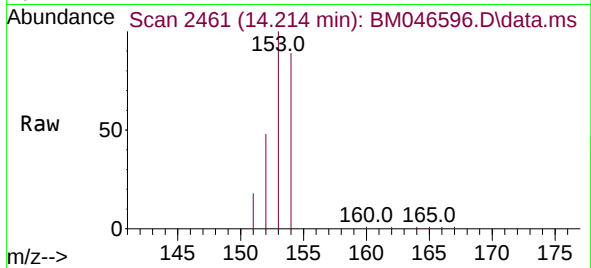
Tgt Ion:152 Resp: 5858
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.3 12.4 18.6





#11
Acenaphthene
Concen: 0.769 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. 0.003 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

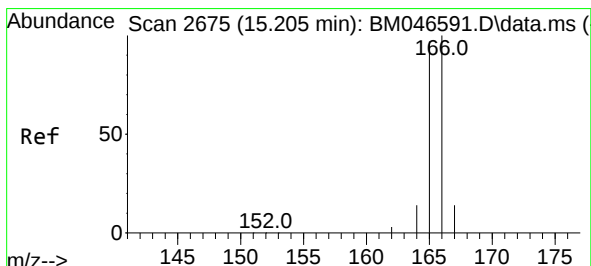
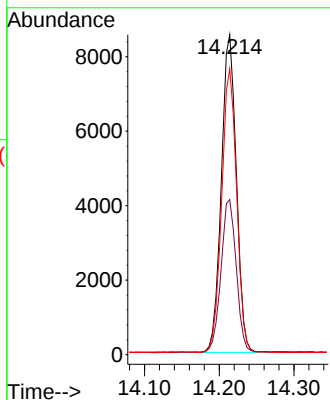
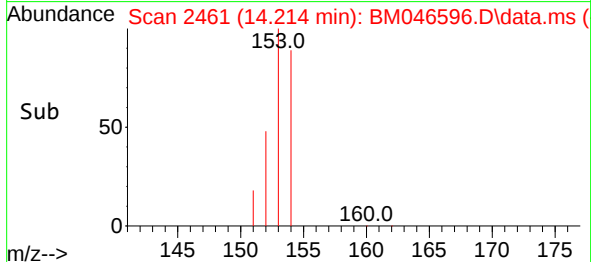
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL



Tgt Ion:153 Resp: 11900
Ion Ratio Lower Upper
153 100
152 48.5 43.0 64.6
154 89.4 69.9 104.9

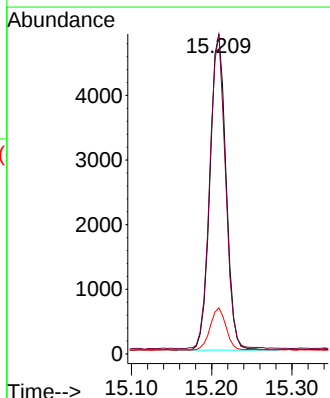
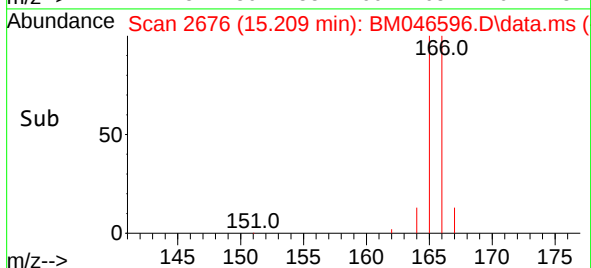
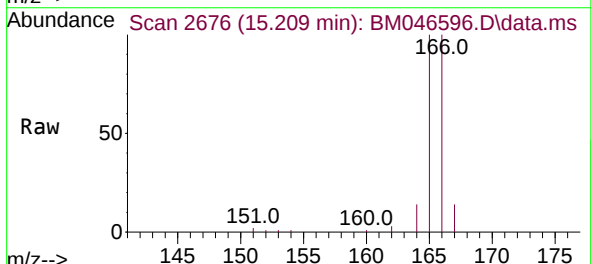
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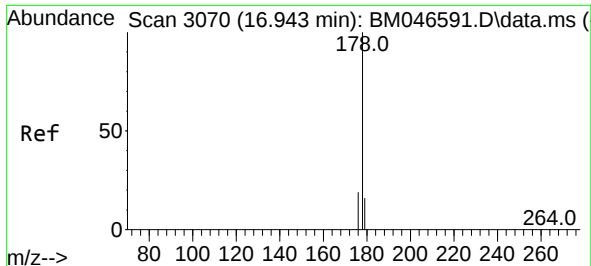
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.209 min Scan# 2676
Delta R.T. 0.003 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

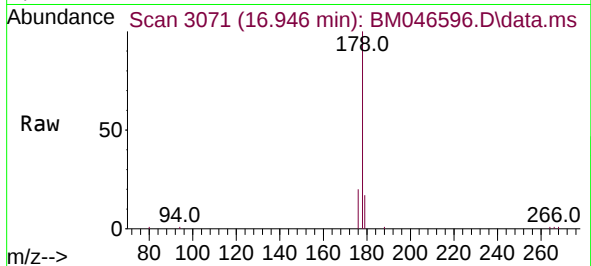
Tgt Ion:166 Resp: 6768
Ion Ratio Lower Upper
166 100
165 100.2 76.1 114.1
167 14.4 12.5 18.7





#15
Phenanthrene
Concen: 0.281 ng/ul
RT: 16.946 min Scan# 3070
Delta R.T. 0.003 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

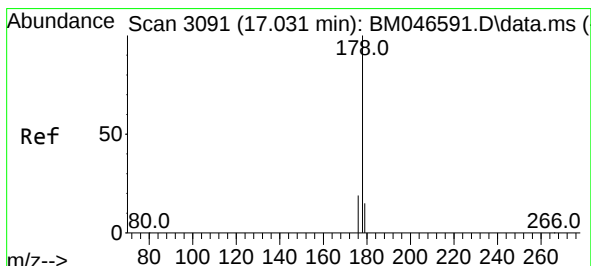
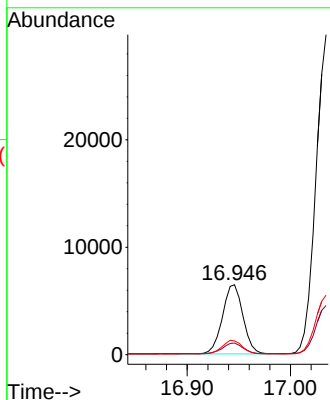
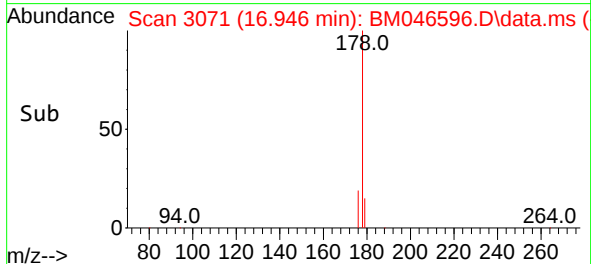
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL



Tgt Ion:178 Resp: 8835
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 19.7 16.0 24.0

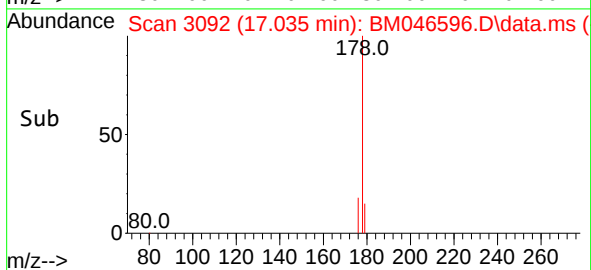
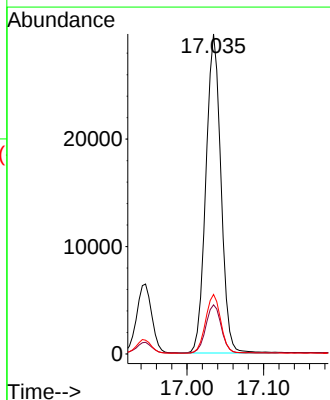
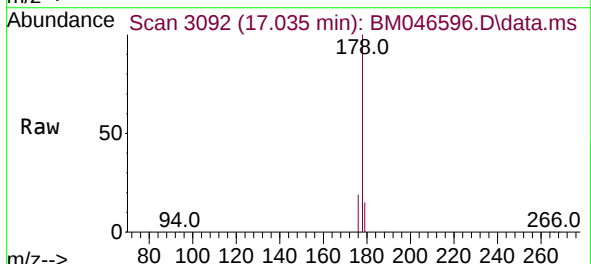
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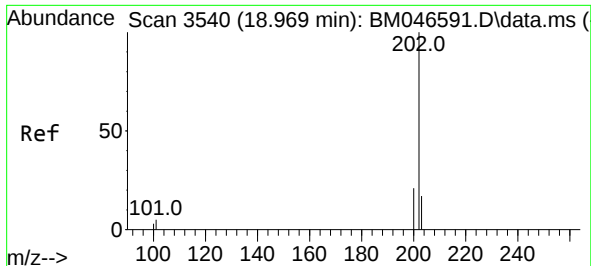
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 1.321 ng/ul
RT: 17.035 min Scan# 3092
Delta R.T. 0.003 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

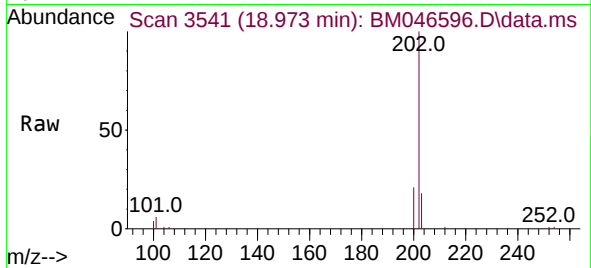
Tgt Ion:178 Resp: 40498
Ion Ratio Lower Upper
178 100
179 15.4 13.5 20.3
176 18.6 15.7 23.5





#19
Fluoranthene
Concen: 0.427 ng/u1
RT: 18.973 min Scan# 3541
Delta R.T. 0.003 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

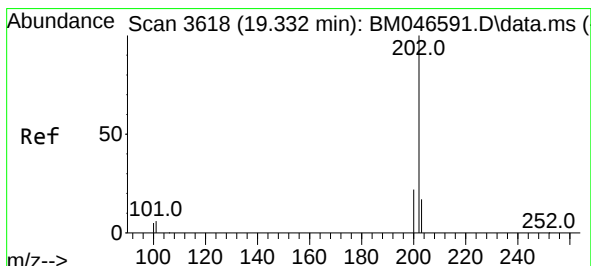
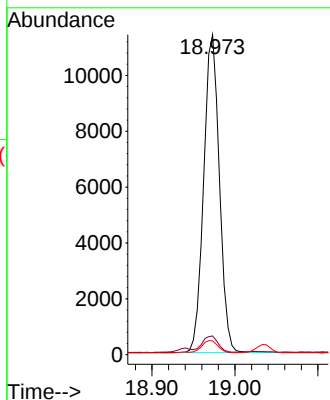
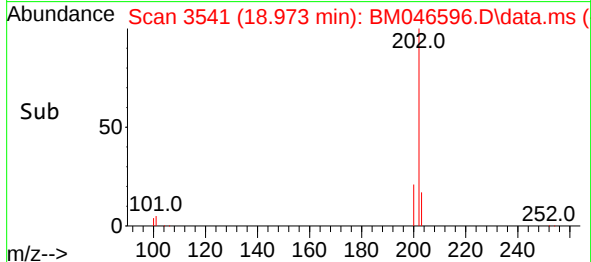
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL



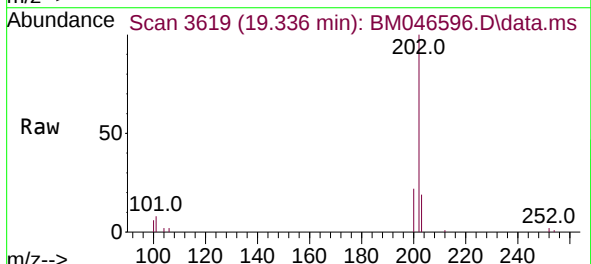
Tgt Ion:202 Resp: 1499
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.3 3.0 4.6

Manual Integrations
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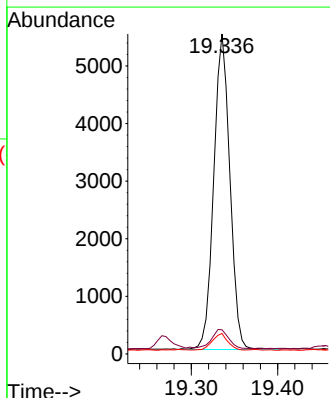
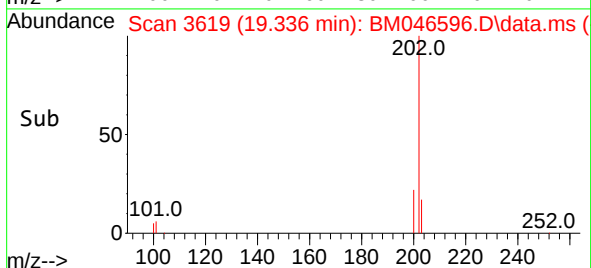
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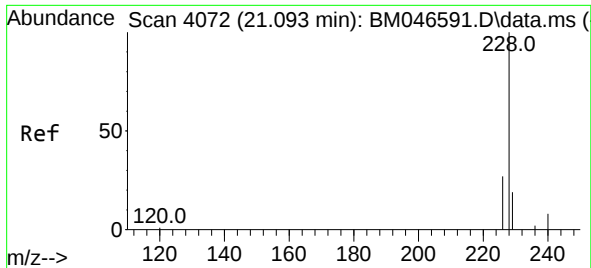


#20
Pyrene
Concen: 0.188 ng/u1
RT: 19.336 min Scan# 3619
Delta R.T. 0.003 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01



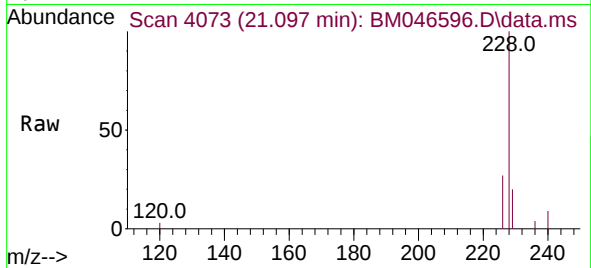
Tgt Ion:202 Resp: 7131
Ion Ratio Lower Upper
202 100
101 7.5 5.1 7.7
100 6.4 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.097 min Scan# 4072
Delta R.T. 0.009 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

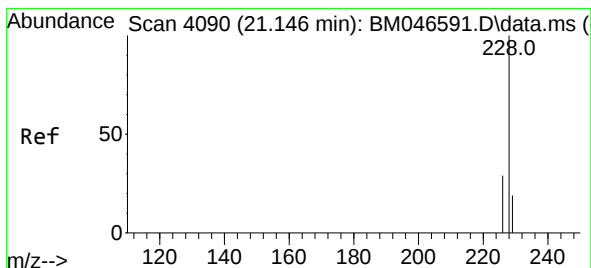
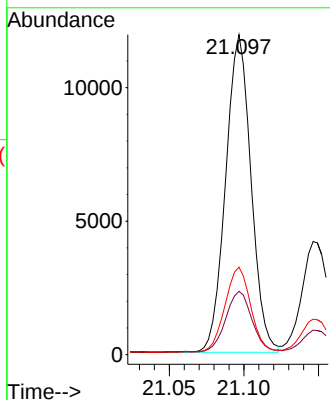
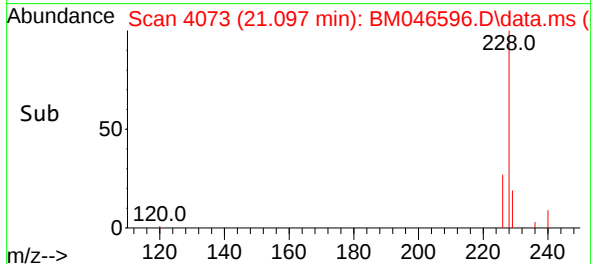
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL



Tgt Ion:228 Resp: 1408
Ion Ratio Lower Upper
228 100
229 19.8 16.5 24.7
226 27.4 22.5 33.7

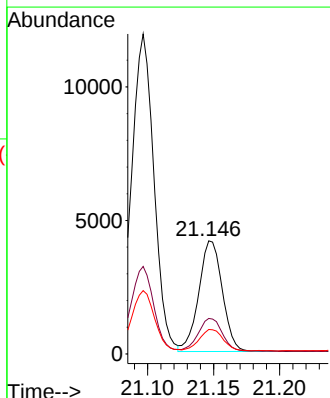
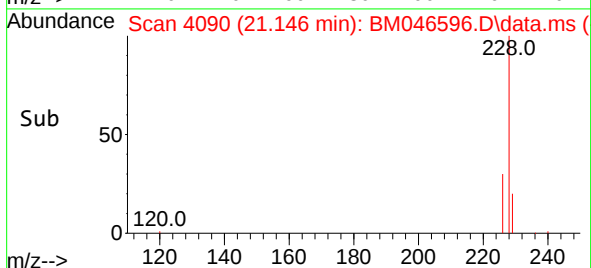
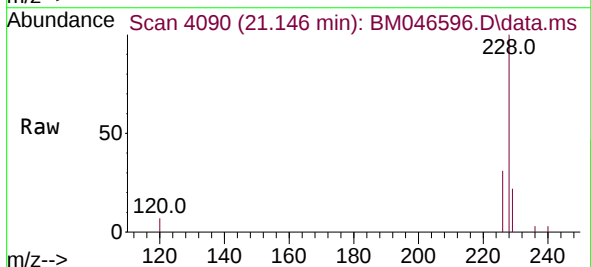
Manual Integrations
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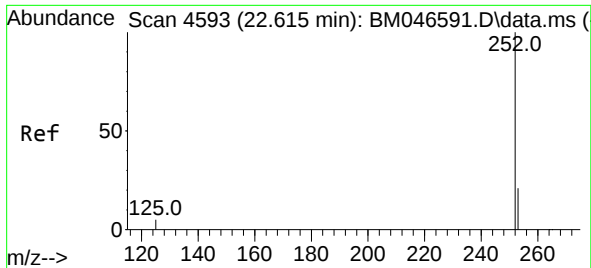
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.141 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

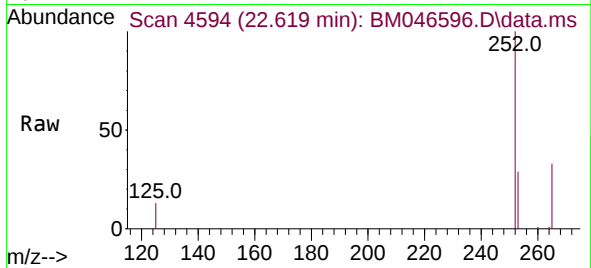
Tgt Ion:228 Resp: 5158
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. 0.009 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

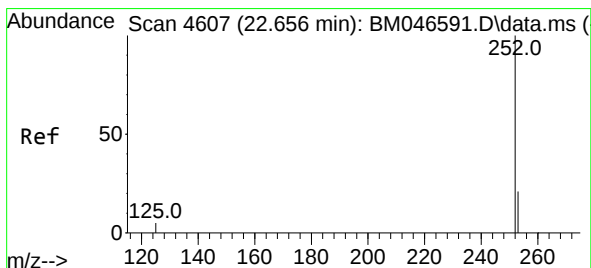
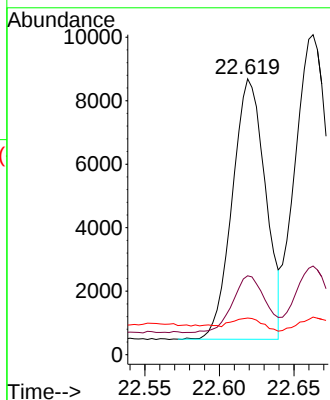
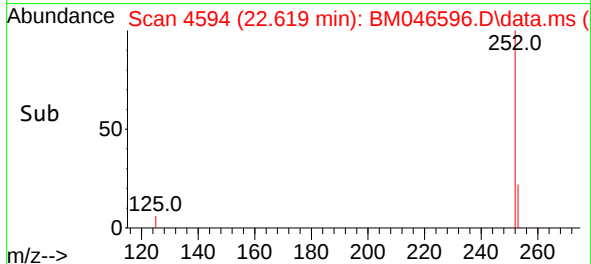
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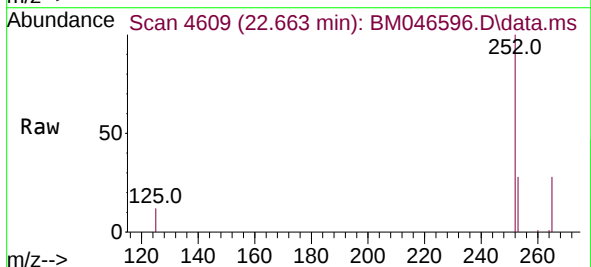
Tgt Ion:252 Resp: 12678
Ion Ratio Lower Upper
252 100
253 28.6 0.0 56.2
125 13.3 0.0 17.8

Manual Integrations
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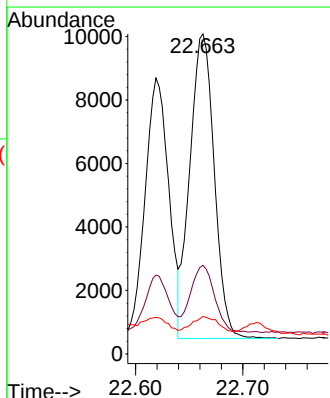
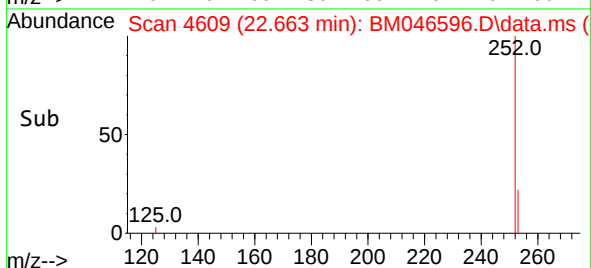
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

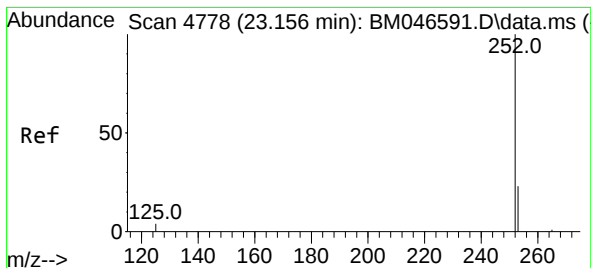


#25
Benzo(k)fluoranthene
Concen: 0.412 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. 0.012 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01



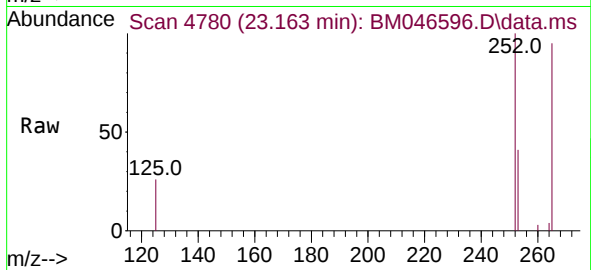
Tgt Ion:252 Resp: 15215
Ion Ratio Lower Upper
252 100
253 27.7 22.4 33.6
125 11.8 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.145 ng/ul
RT: 23.163 min Scan# 4778
Delta R.T. 0.012 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

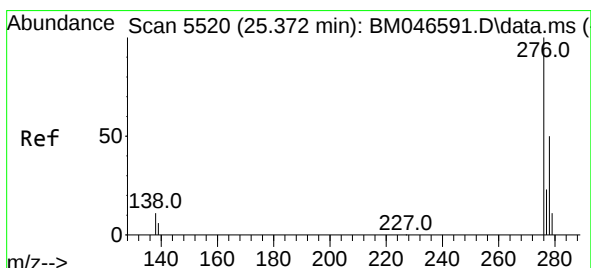
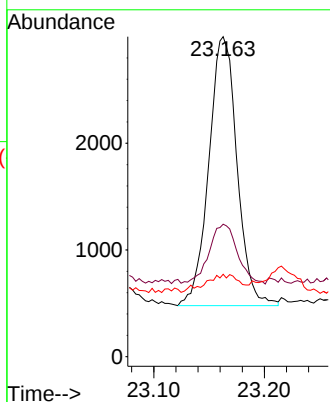
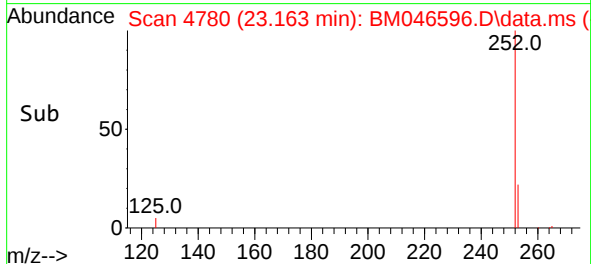
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL



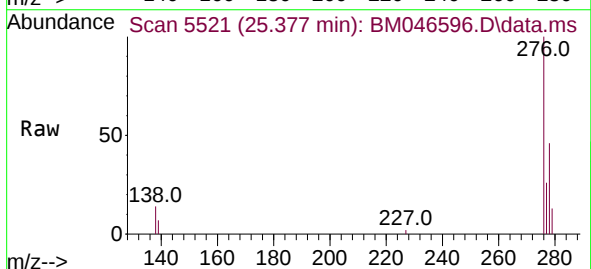
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Ion Ratio Lower Upper
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253 41.4 24.0 36.0#
125 25.8 8.2 12.2#

Manual Integrations
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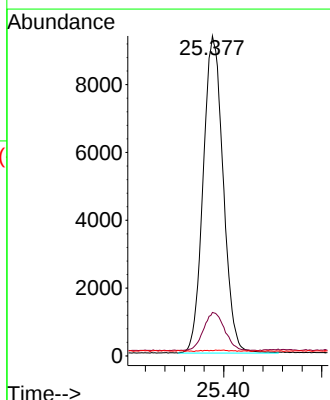
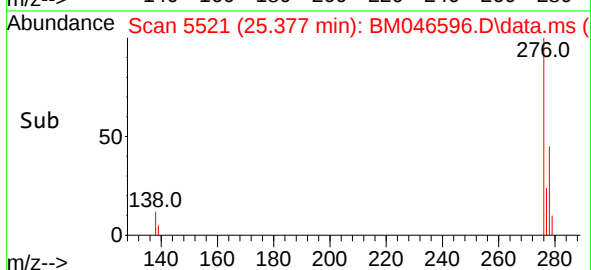
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

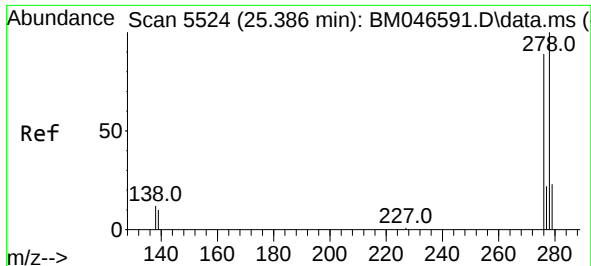


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.564 ng/ul
RT: 25.377 min Scan# 5521
Delta R.T. 0.017 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01



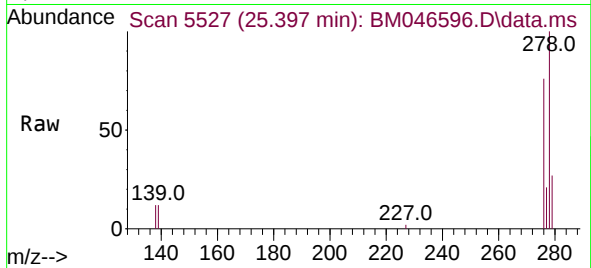
Tgt Ion:276 Resp: 26522
Ion Ratio Lower Upper
276 100
138 12.8 0.0 0.0#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.522 ng/ul
RT: 25.397 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01

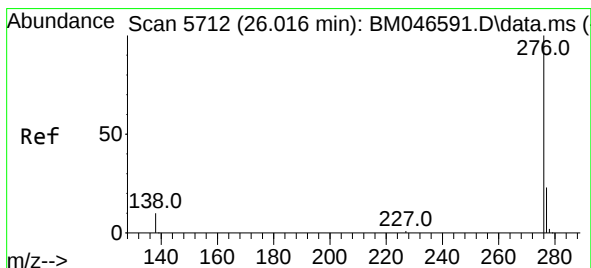
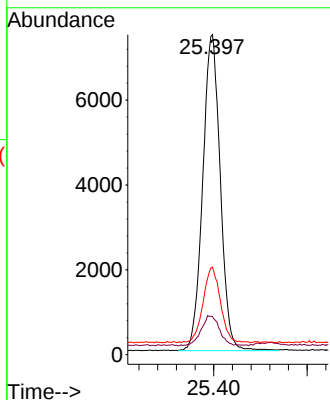
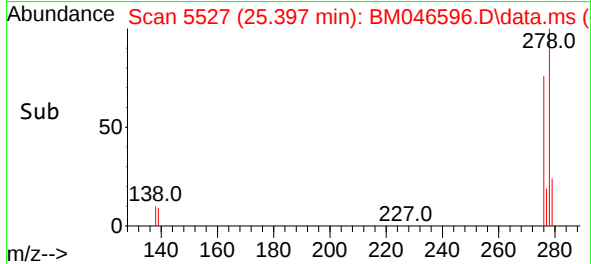
Instrument :
BNA_M
ClientSampleId :
A4DQ1DL



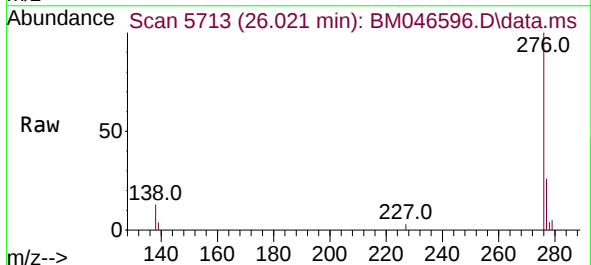
Tgt Ion:278 Resp: 1945
Ion Ratio Lower Upper
278 100
139 11.9 9.1 13.7
279 27.3 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 26.021 min Scan# 5713
Delta R.T. 0.017 min
Lab File: BM046596.D
Acq: 15 Jul 2024 14:01



Tgt Ion:276 Resp: 15886
Ion Ratio Lower Upper
276 100
138 13.2 10.2 15.4
277 26.4 20.9 31.3

