

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046598.D
 Acq On : 15 Jul 2024 16:14
 Operator : MA/JU
 Sample : P3100-04DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DQ0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 16:49:39 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	2560	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	6738	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.149	164	4494	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	10018	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	7917	0.400	ng/ul	0.00
23) Perylene-d12	23.253	264	8870	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	69m	0.033	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	372	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	888	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.314	128	8272	0.483	ng/ul	97
10) Acenaphthylene	13.867	152	14822	0.725	ng/ul	98
11) Acenaphthene	14.214	153	21459	1.566	ng/ul	96
12) Fluorene	15.209	166	4650	0.274	ng/ul	99
15) Phenanthrene	16.942	178	45245	1.583	ng/ul	98
16) Anthracene	17.034	178	39847	1.428	ng/ul	97
19) Fluoranthene	18.973	202	26891	0.827	ng/ul	99
20) Pyrene	19.336	202	32391	0.920	ng/ul	99
21) Benzo(a)anthracene	21.097	228	13116	0.374	ng/ul	99
22) Chrysene	21.146	228	21969	0.648	ng/ul	99
24) Benzo(b)fluoranthene	22.619	252	29368	0.829	ng/ul	94
25) Benzo(k)fluoranthene	22.660	252	19307	0.555	ng/ul	96
26) Benzo(a)pyrene	23.160	252	3339	0.115	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.377	276	24154	0.544	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.394	278	19713	0.561	ng/ul	97
29) Benzo(g,h,i)perylene	26.017	276	16767	0.474	ng/ul	99

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

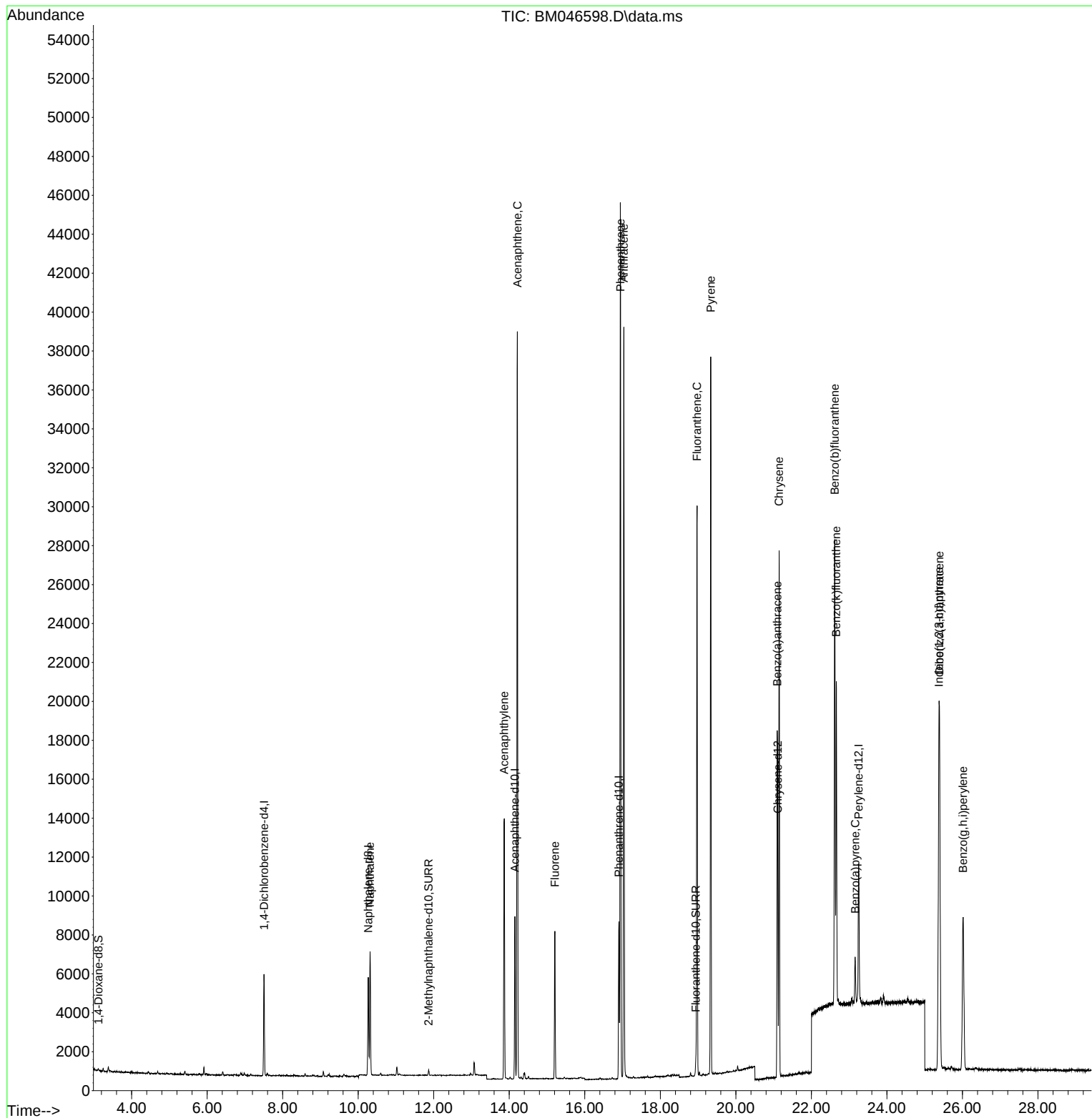
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046598.D
Acq On : 15 Jul 2024 16:14
Operator : MA/JU
Sample : P3100-04DL 10X
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ALS Vial : 9 Sample Multiplier: 1

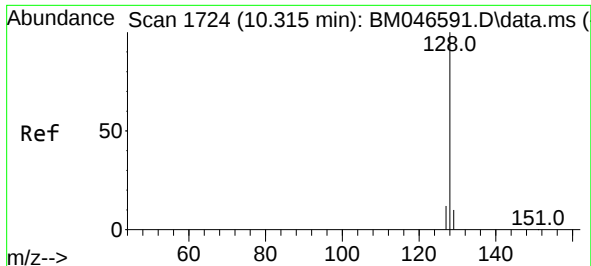
Instrument :
BNA_M
ClientSampleId :
A4DQ0DL

Quant Time: Jul 15 16:49:39 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

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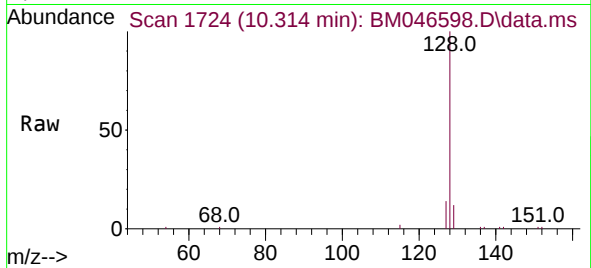
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024





#5
Naphthalene
Concen: 0.483 ng/ul
RT: 10.314 min Scan# 11
Delta R.T. -0.002 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

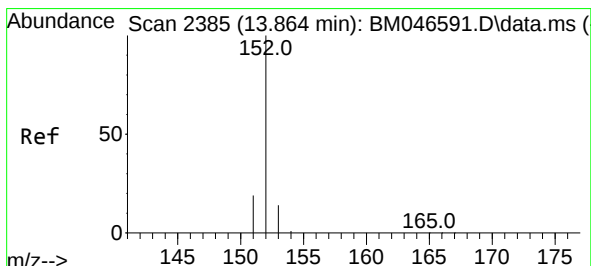
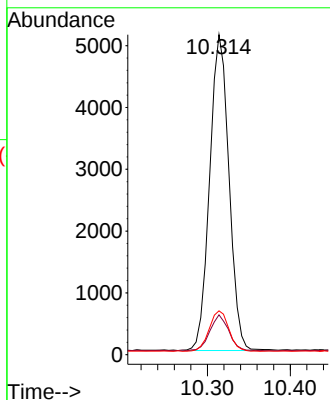
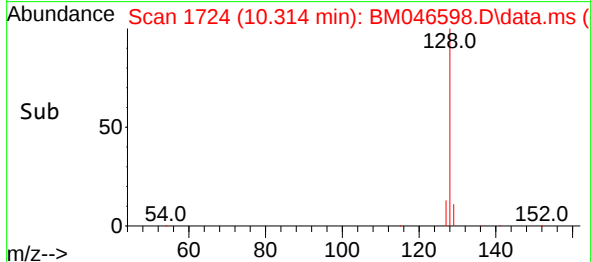
Instrument :
BNA_M
ClientSampleId :
A4DQ0DL



Tgt Ion:128 Resp: 827
Ion Ratio Lower Upper
128 100
129 12.4 10.3 15.5
127 13.7 12.2 18.4

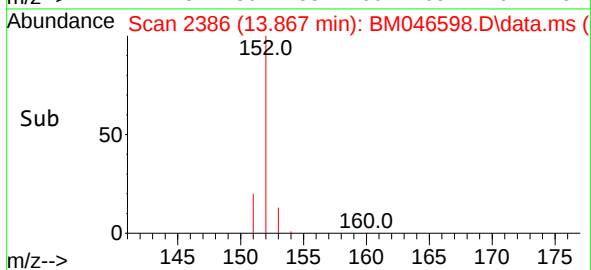
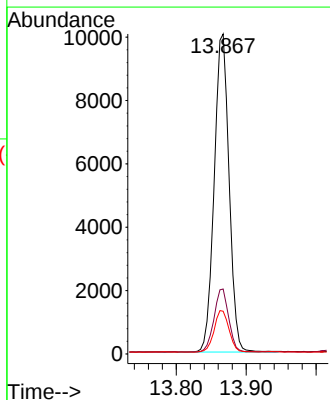
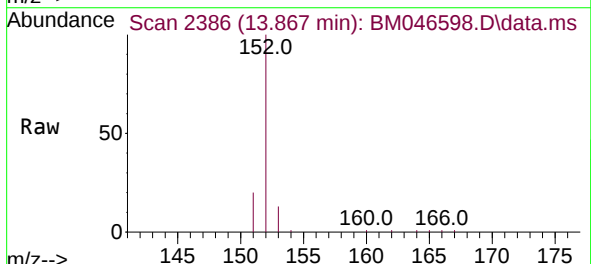
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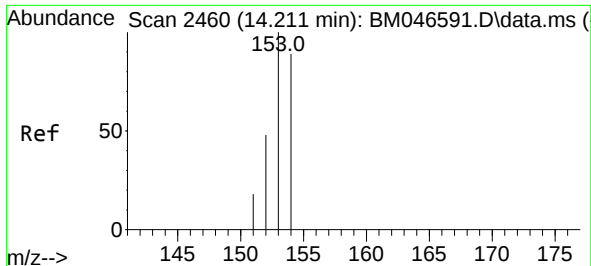
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.725 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. 0.003 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

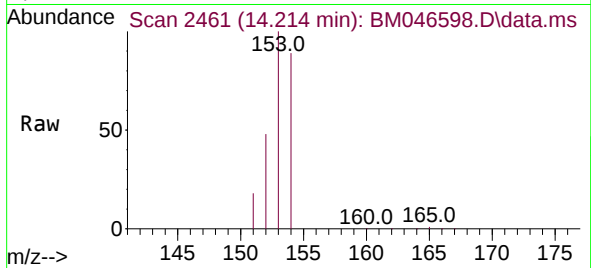
Tgt Ion:152 Resp: 14822
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.3 12.4 18.6





#11
Acenaphthene
Concen: 1.566 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. 0.003 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

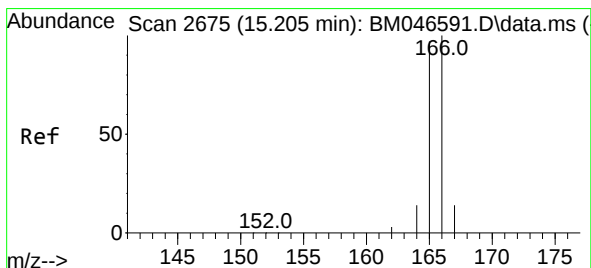
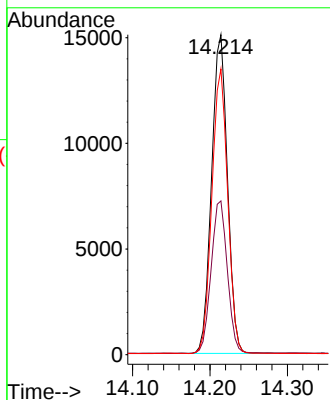
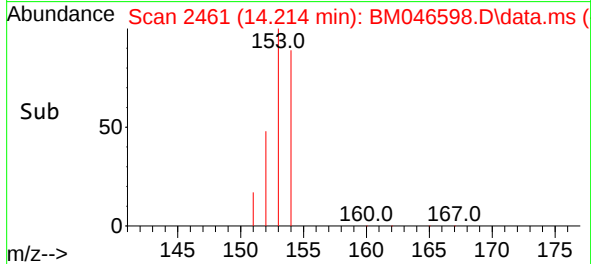
Instrument :
BNA_M
ClientSampleId :
A4DQ0DL



Tgt Ion:153 Resp: 21459
Ion Ratio Lower Upper
153 100
152 48.1 43.0 64.6
154 89.3 69.9 104.9

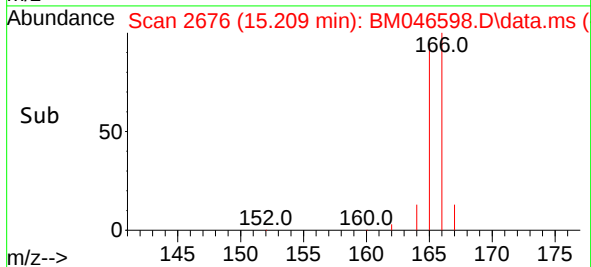
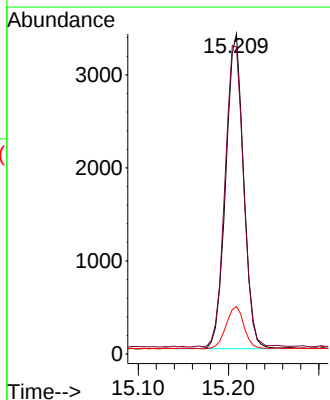
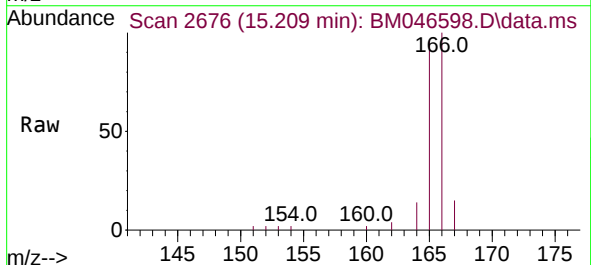
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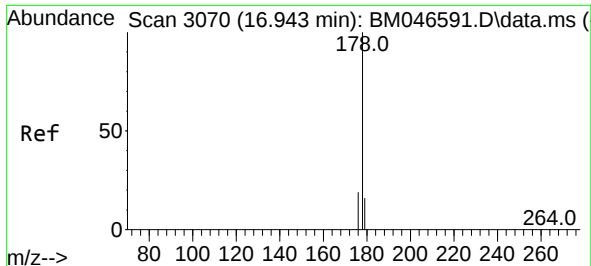
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.209 min Scan# 2676
Delta R.T. 0.003 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

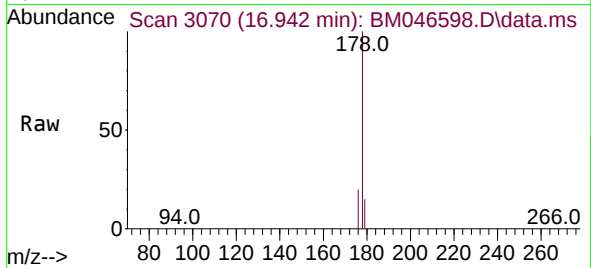
Tgt Ion:166 Resp: 4650
Ion Ratio Lower Upper
166 100
165 95.9 76.1 114.1
167 14.8 12.5 18.7





#15
Phenanthrene
Concen: 1.583 ng/u1
RT: 16.942 min Scan# 3070
Delta R.T. -0.002 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

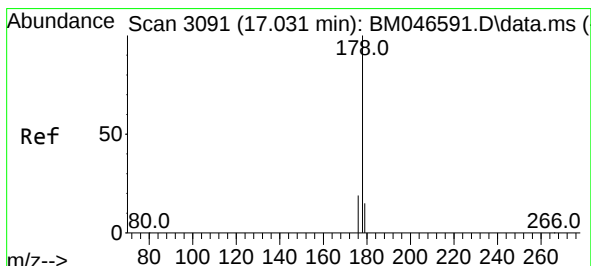
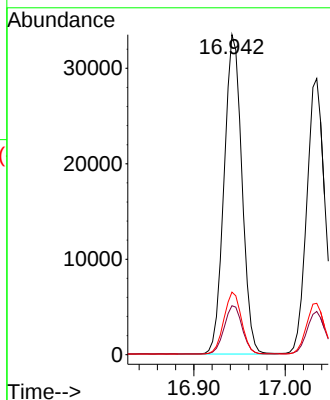
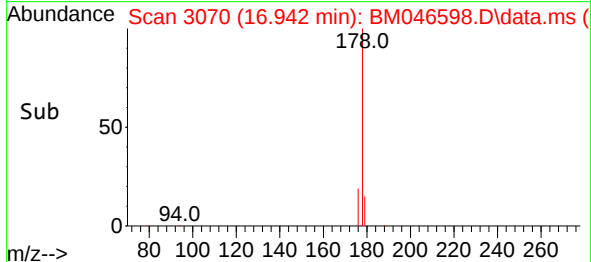
Instrument :
BNA_M
ClientSampleId :
A4DQ0DL



Tgt Ion:178 Resp: 45249
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.6 16.0 24.0

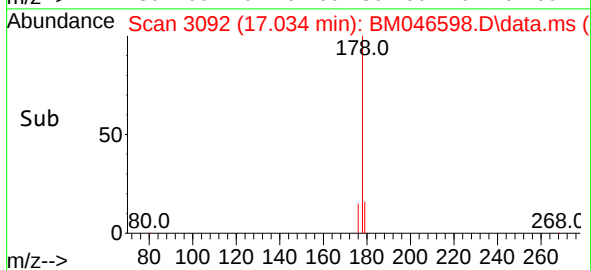
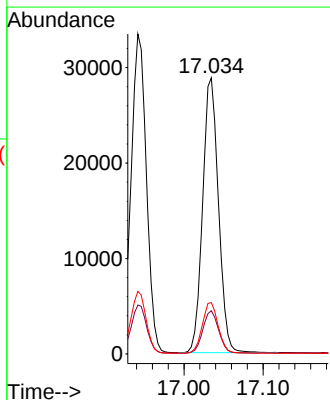
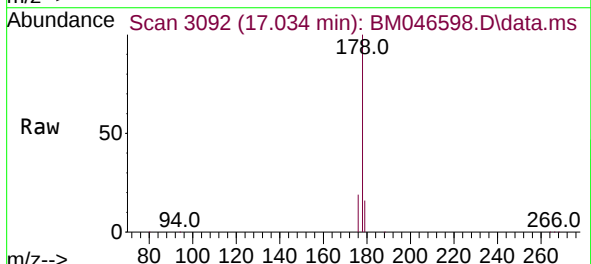
Manual Integrations
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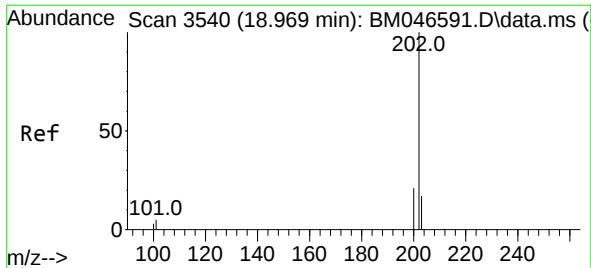
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 1.428 ng/u1
RT: 17.034 min Scan# 3092
Delta R.T. 0.003 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

Tgt Ion:178 Resp: 39847
Ion Ratio Lower Upper
178 100
179 15.6 13.5 20.3
176 18.6 15.7 23.5





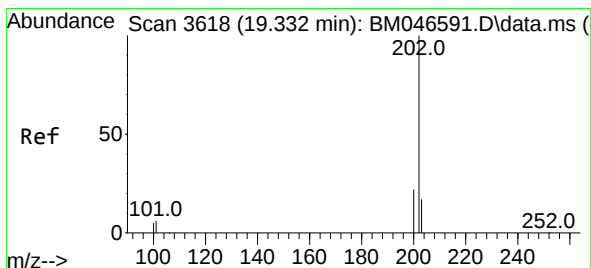
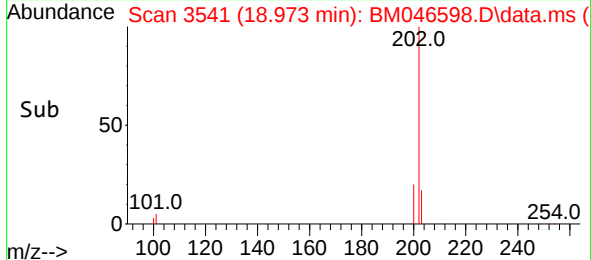
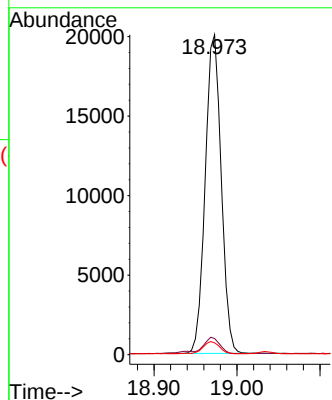
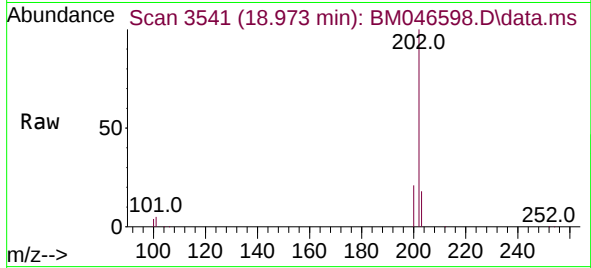
#19
Fluoranthene
Concen: 0.827 ng/u1
RT: 18.973 min Scan# 3541
Delta R.T. 0.003 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

Instrument :
BNA_M
ClientSampleId :
A4DQ0DL

Tgt Ion:202 Resp: 2689
Ion Ratio Lower Upper
202 100
101 5.0 4.6 6.8
100 3.7 3.0 4.6

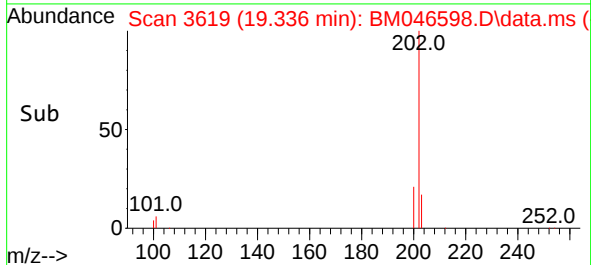
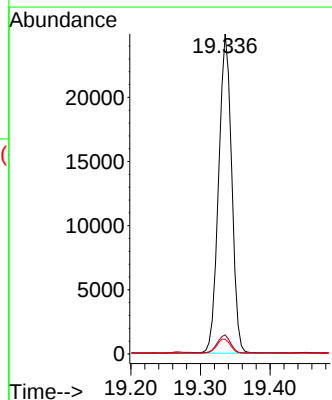
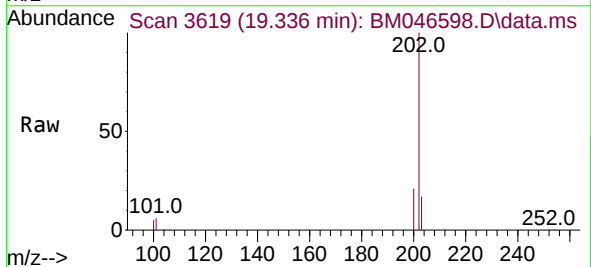
Manual Integrations
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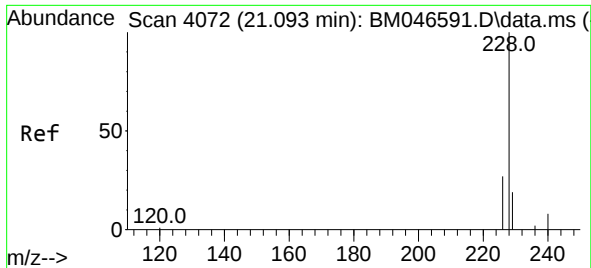
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 0.920 ng/u1
RT: 19.336 min Scan# 3619
Delta R.T. 0.003 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

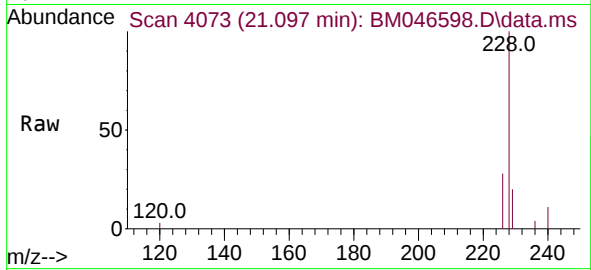
Tgt Ion:202 Resp: 32391
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 4.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.097 min Scan# 4072
Delta R.T. 0.009 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

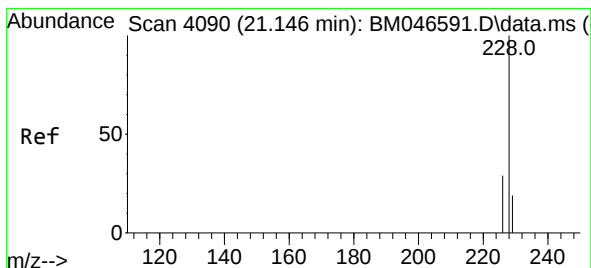
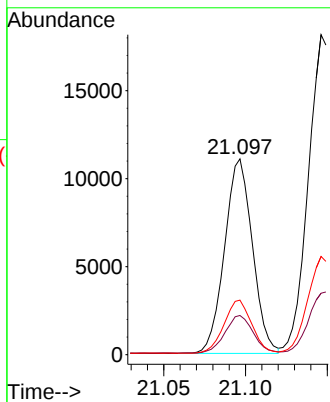
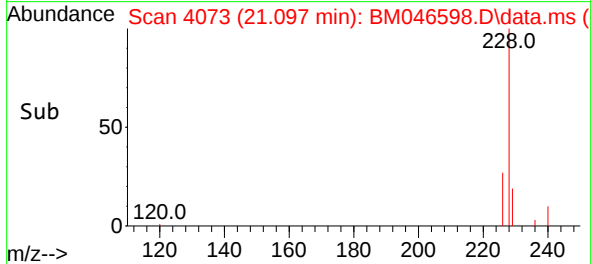
Instrument :
BNA_M
ClientSampleId :
A4DQ0DL



Tgt Ion:228 Resp: 13110
Ion Ratio Lower Upper
228 100
229 20.0 16.5 24.7
226 27.9 22.5 33.7

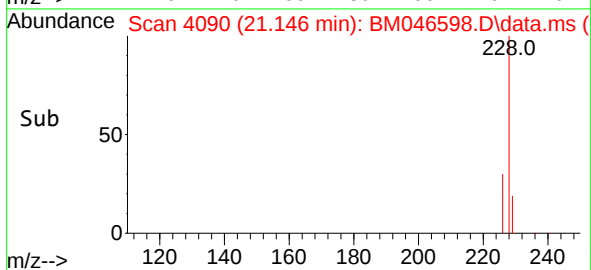
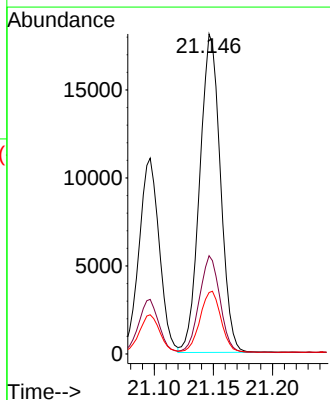
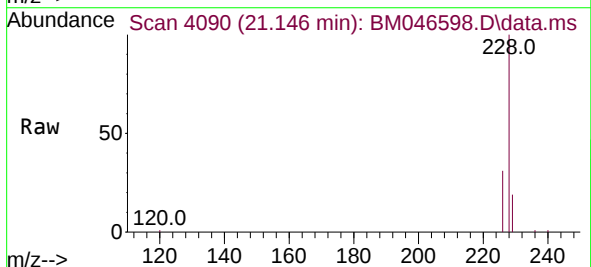
Manual Integrations
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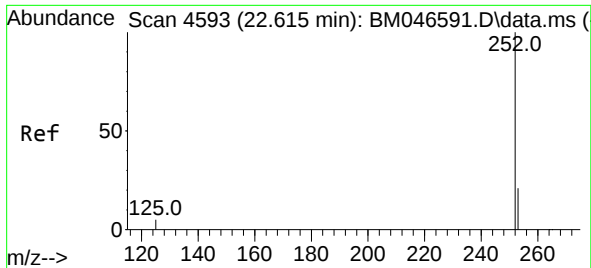
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.648 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

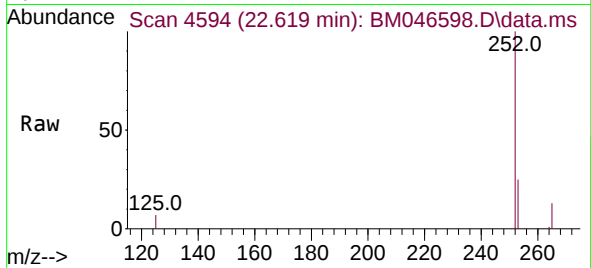
Tgt Ion:228 Resp: 21969
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.829 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. 0.009 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

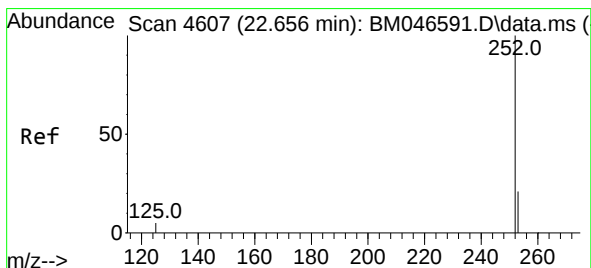
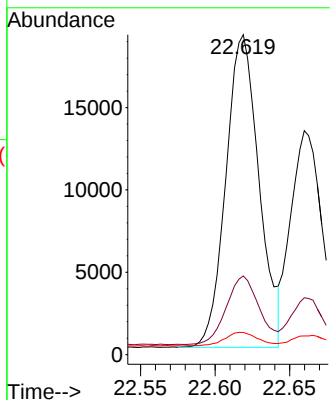
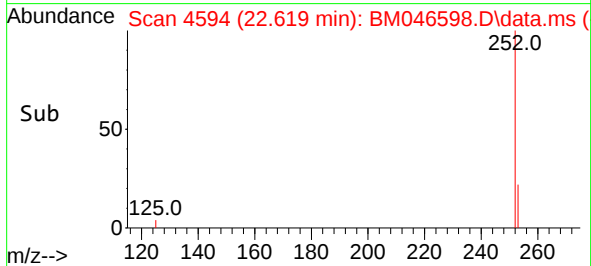
Instrument :
BNA_M
ClientSampleId :
A4DQ0DL



Tgt Ion:252 Resp: 29368
Ion Ratio Lower Upper
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253 24.6 0.0 56.2
125 6.9 0.0 17.8

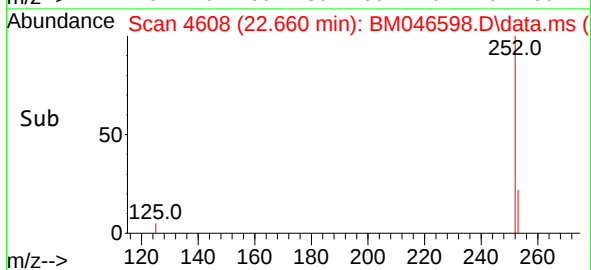
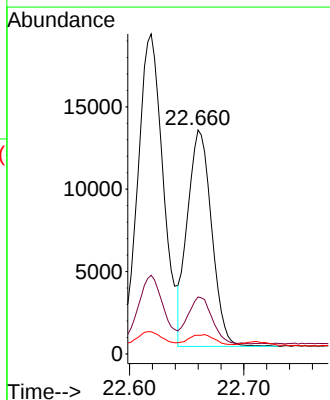
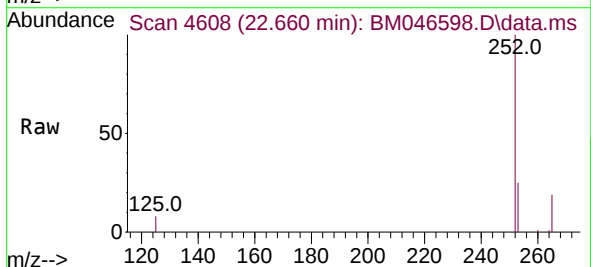
Manual Integrations
APPROVED

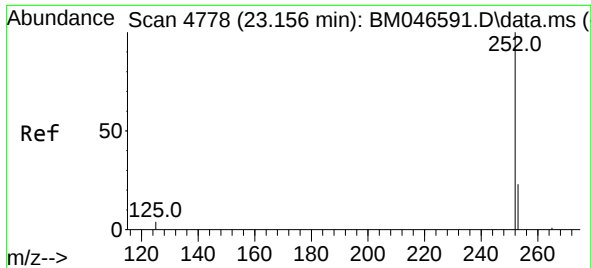
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.555 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. 0.009 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

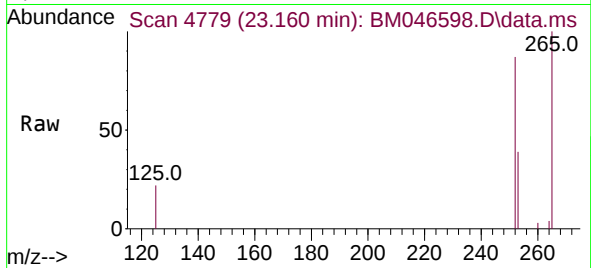
Tgt Ion:252 Resp: 19307
Ion Ratio Lower Upper
252 100
253 25.5 22.4 33.6
125 8.4 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.115 ng/ul
RT: 23.160 min Scan# 4778
Delta R.T. 0.009 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14

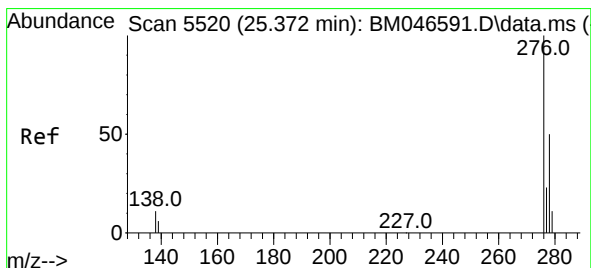
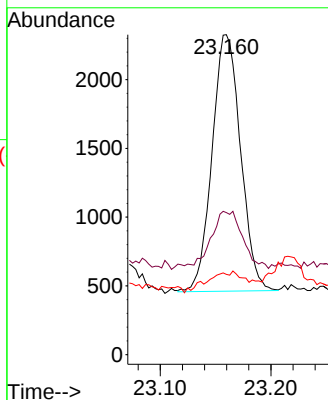
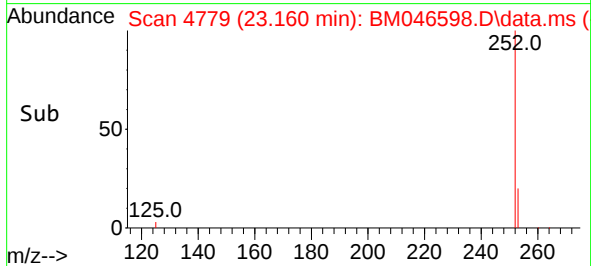
Instrument :
BNA_M
ClientSampleId :
A4DQ0DL



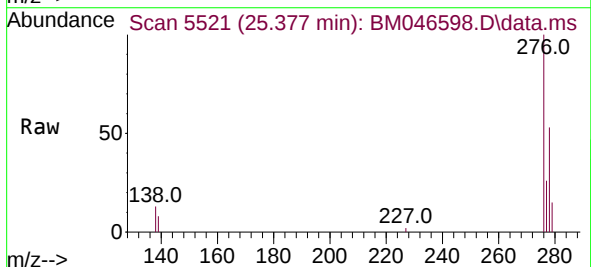
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125 25.1 8.2 12.2#

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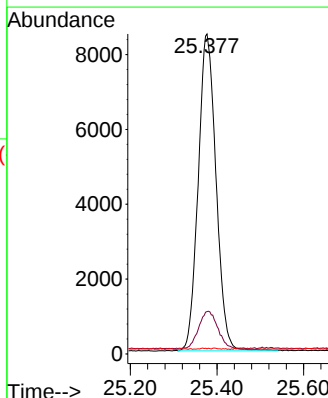
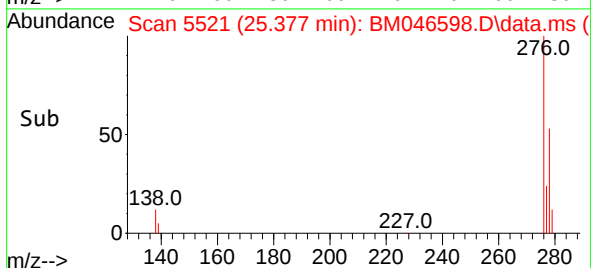
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

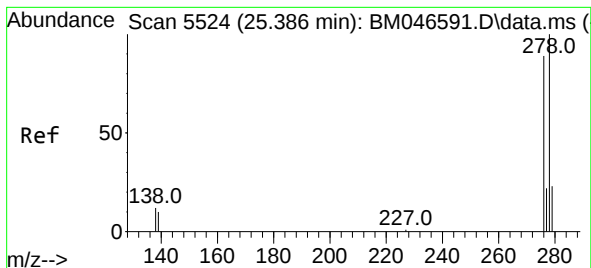


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.544 ng/ul
RT: 25.377 min Scan# 5521
Delta R.T. 0.017 min
Lab File: BM046598.D
Acq: 15 Jul 2024 16:14



Tgt Ion:276 Resp: 24154
Ion Ratio Lower Upper
276 100
138 12.6 0.0 0.0#
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.561 ng/ul

RT: 25.394 min Scan# 5

Delta R.T. 0.010 min

Lab File: BM046598.D

Acq: 15 Jul 2024 16:14

Instrument :

BNA_M

ClientSampleId :

A4DQ0DL

Tgt Ion:278 Resp: 1971

Ion Ratio Lower Upper

278 100

139 11.7 9.1 13.7

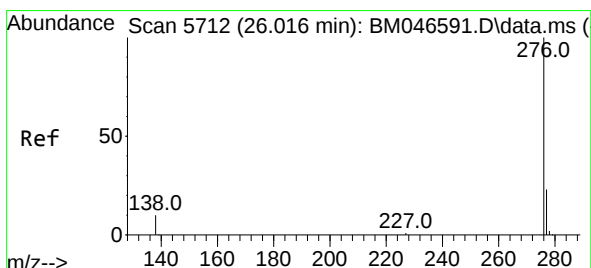
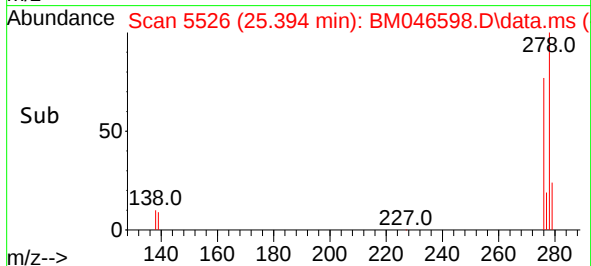
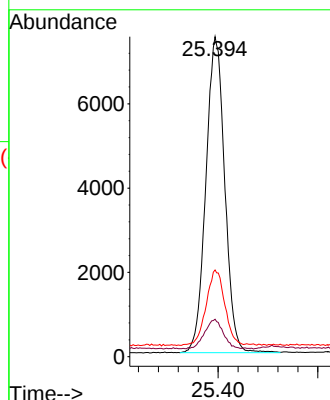
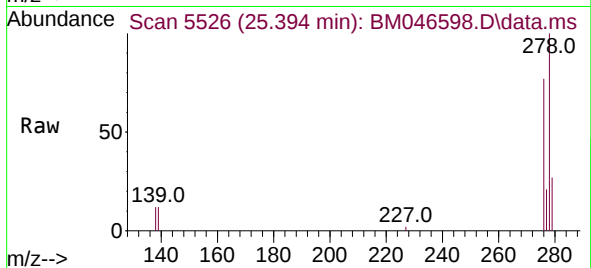
279 27.1 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/18/2024



#29

Benzo(g,h,i)perylene

Concen: 0.474 ng/ul

RT: 26.017 min Scan# 5712

Delta R.T. 0.014 min

Lab File: BM046598.D

Acq: 15 Jul 2024 16:14

Tgt Ion:276 Resp: 16767

Ion Ratio Lower Upper

276 100

138 13.1 10.2 15.4

277 25.6 20.9 31.3

