

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046608.D
 Acq On : 15 Jul 2024 22:33
 Operator : MA/JU
 Sample : P3087-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR2

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 00:25:41 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	7.501	152	2360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6449	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	4561	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	10564	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	9077	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	9190m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	5886	3.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2501	0.240	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	6895	0.250	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.310	128	839	0.051	ng/ul#	85
7) 2-Methylnaphthalene	11.937	142	349	0.030	ng/ul	98
10) Acenaphthylene	13.864	152	1479	0.071	ng/ul#	90
11) Acenaphthene	14.211	153	458	0.033	ng/ul	92
12) Fluorene	15.205	166	749	0.044	ng/ul#	87
15) Phenanthrene	16.943	178	9909	0.329	ng/ul	97
16) Anthracene	17.031	178	3053	0.104	ng/ul#	91
19) Fluoranthene	18.970	202	33610	0.901	ng/ul	99
20) Pyrene	19.332	202	31841	0.789	ng/ul	99
21) Benzo(a)anthracene	21.090	228	15473	0.385	ng/ul	94
22) Chrysene	21.140	228	16475m	0.424	ng/ul	
24) Benzo(b)fluoranthene	22.613	252	22462m	0.612	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	7487m	0.208	ng/ul	
26) Benzo(a)pyrene	23.153	252	13326	0.441	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.363	276	11056	0.240	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	2779	0.076	ng/ul#	34
29) Benzo(g,h,i)perylene	26.010	276	11510	0.314	ng/ul#	96

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

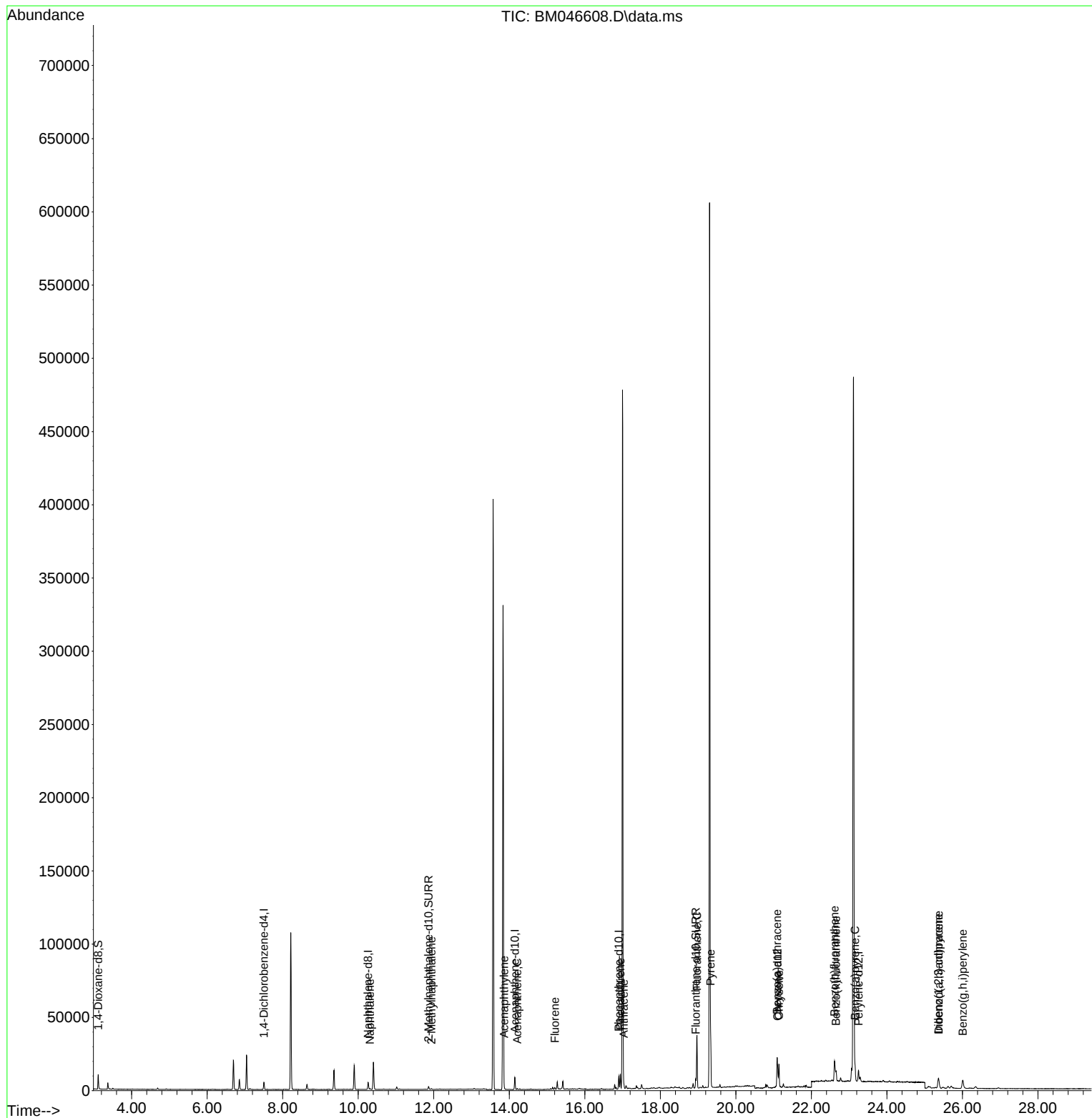
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046608.D
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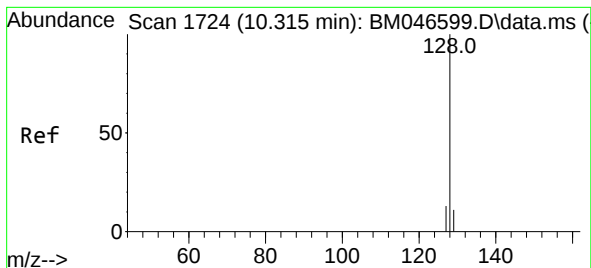
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
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QLast Update : Mon Jul 15 08:57:27 2024
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#5

Naphthalene

Concen: 0.051 ng/ul

RT: 10.310 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

Instrument :

BNA_M

ClientSampleId :

A4BR2

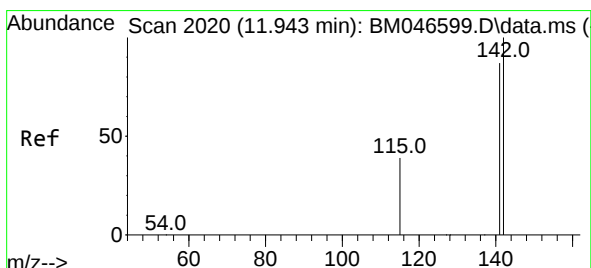
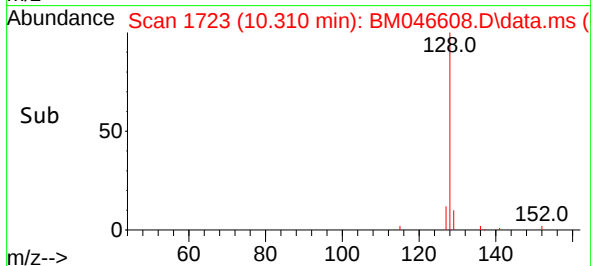
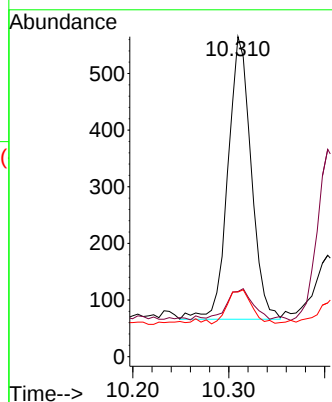
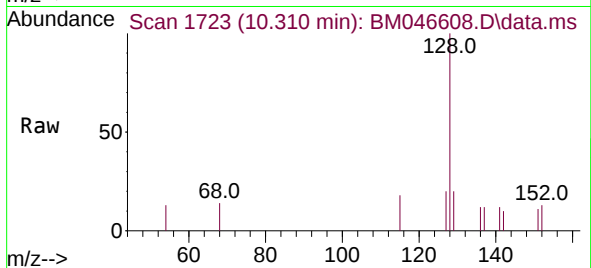
Tgt Ion:	128	Resp:	839
Ion	Ratio	Lower	Upper
128	100		
129	20.4	10.3	15.5
127	20.2	12.2	18.4

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#7

2-Methylnaphthalene

Concen: 0.030 ng/ul

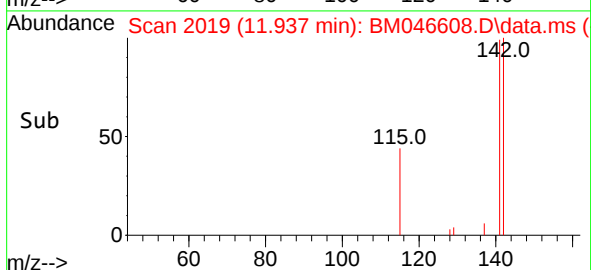
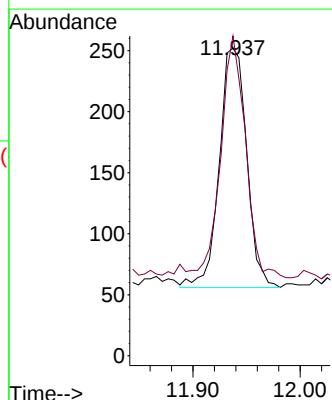
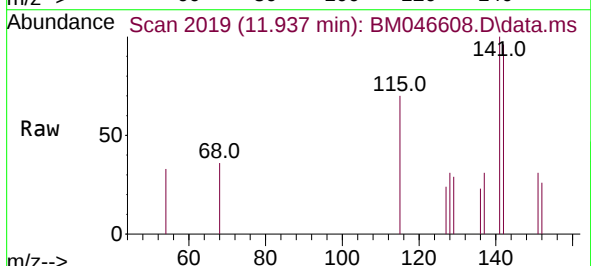
RT: 11.937 min Scan# 2019

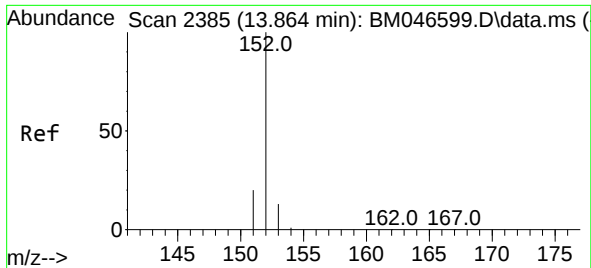
Delta R.T. -0.006 min

Lab File: BM046608.D

Acq: 15 Jul 2024 22:33

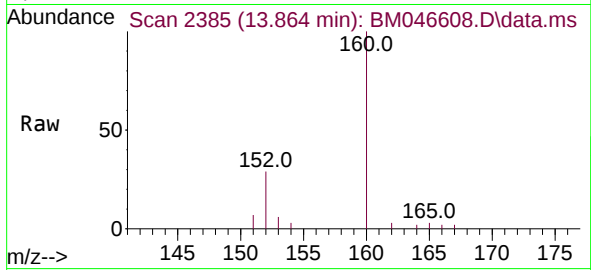
Tgt Ion:	142	Resp:	349
Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.3	105.5





#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

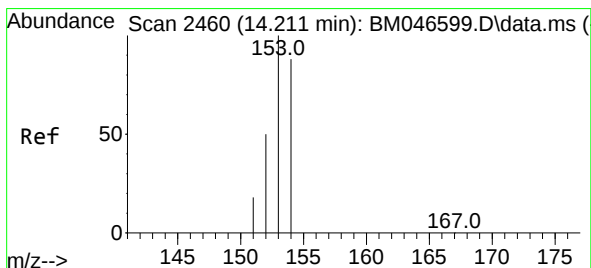
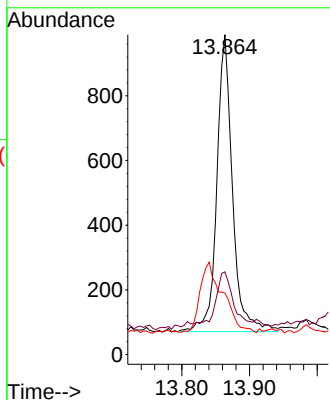
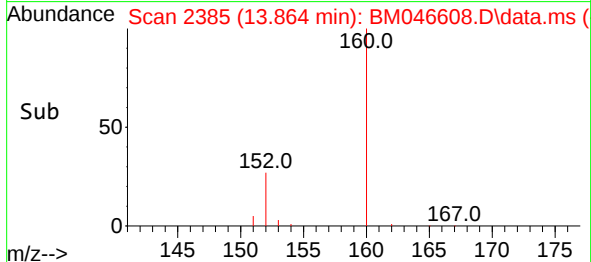
Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:152 Resp: 1479
Ion Ratio Lower Upper
152 100
151 25.9 16.4 24.6
153 19.2 12.4 18.6

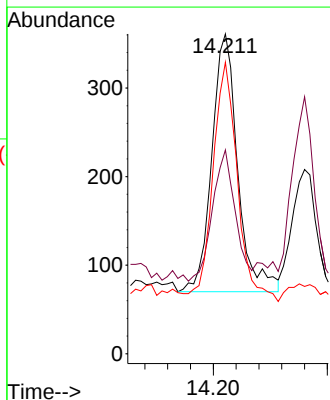
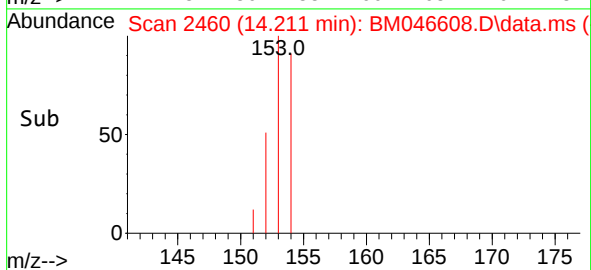
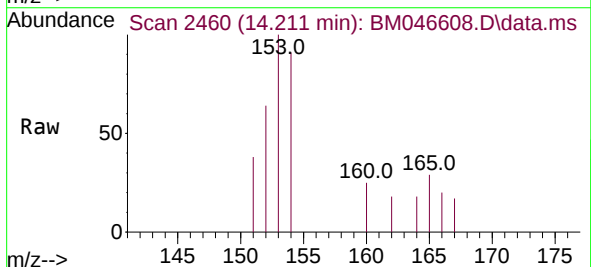
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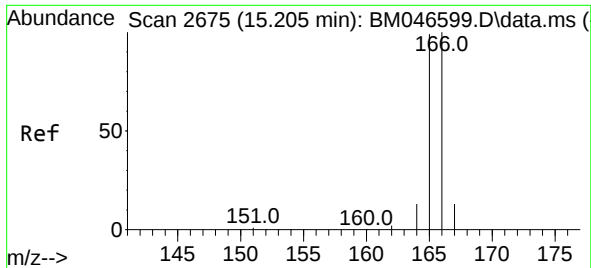
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

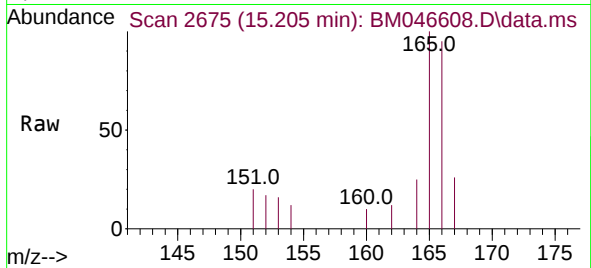
Tgt Ion:153 Resp: 458
Ion Ratio Lower Upper
153 100
152 63.7 43.0 64.6
154 91.1 69.9 104.9





#12
Fluorene
Concen: 0.044 ng/uI
RT: 15.205 min Scan# 2675
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

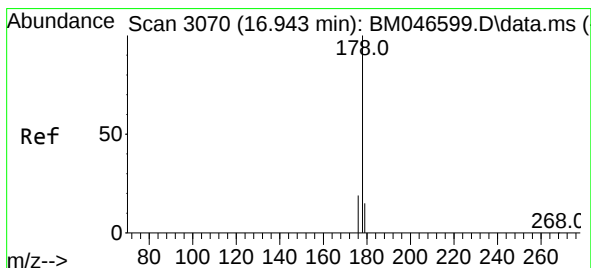
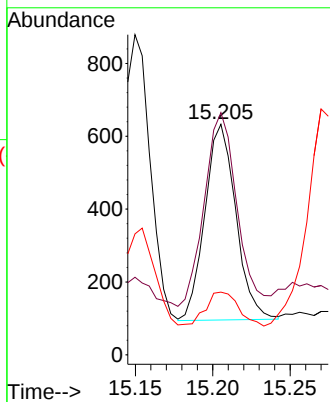
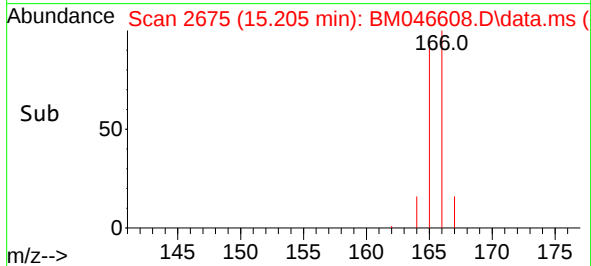
Instrument :
BNA_M
ClientSampleId :
A4BR2



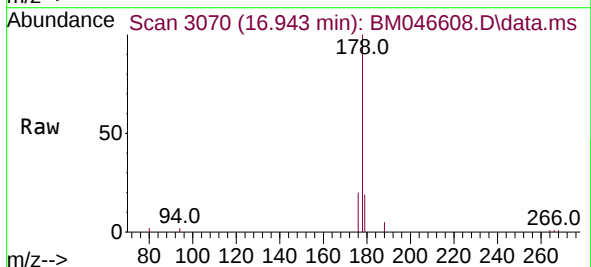
Tgt Ion:166 Resp: 749
Ion Ratio Lower Upper
166 100
165 105.1 76.1 114.1
167 27.2 12.5 18.7

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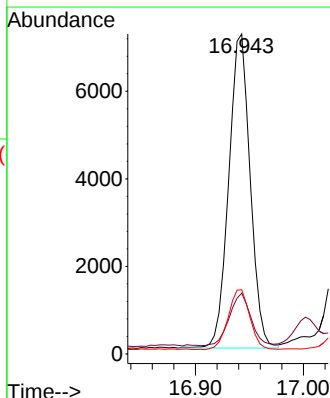
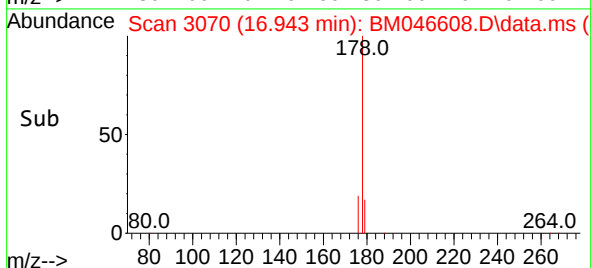
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

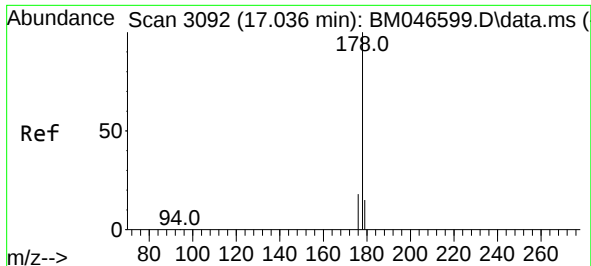


#15
Phenanthrene
Concen: 0.329 ng/uI
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33



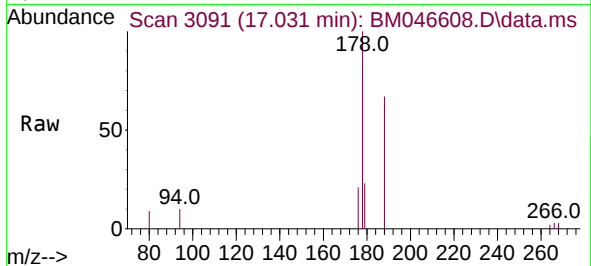
Tgt Ion:178 Resp: 9909
Ion Ratio Lower Upper
178 100
179 19.0 13.1 19.7
176 20.1 16.0 24.0





#16
 Anthracene
 Concen: 0.104 ng/ul
 RT: 17.031 min Scan# 3091
 Delta R.T. -0.000 min
 Lab File: BM046608.D
 Acq: 15 Jul 2024 22:33

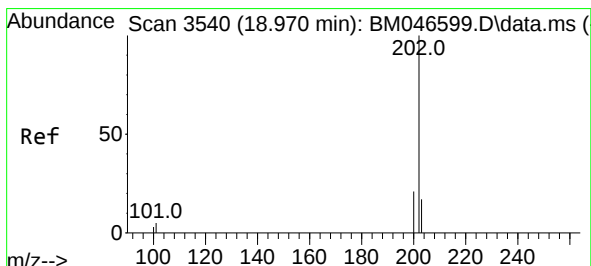
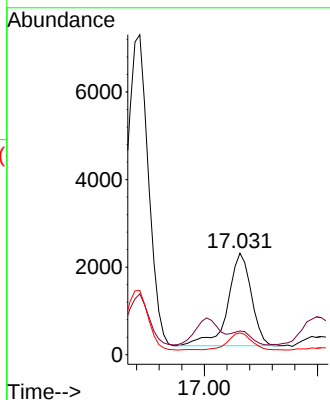
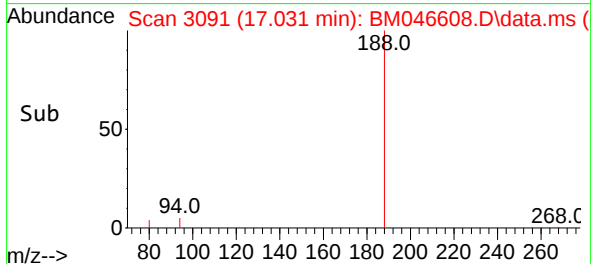
Instrument :
 BNA_M
 ClientSampleId :
 A4BR2



Tgt Ion:178 Resp: 305
 Ion Ratio Lower Upper
 178 100
 179 23.4 13.5 20.3
 176 21.5 15.7 23.5

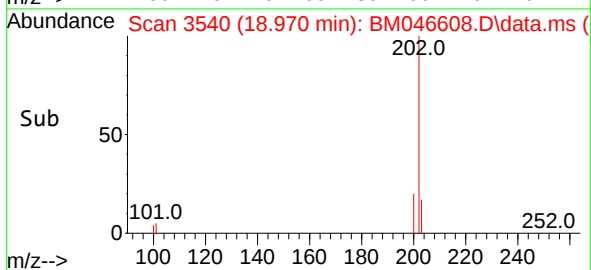
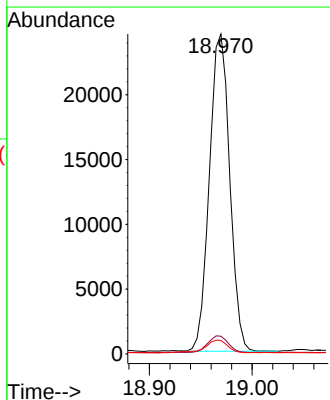
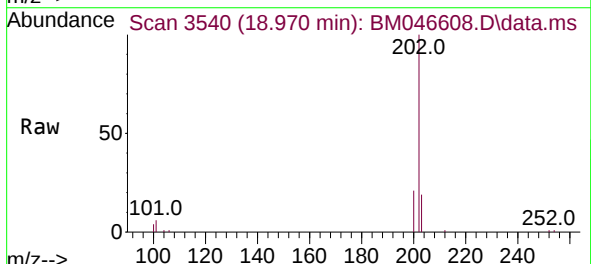
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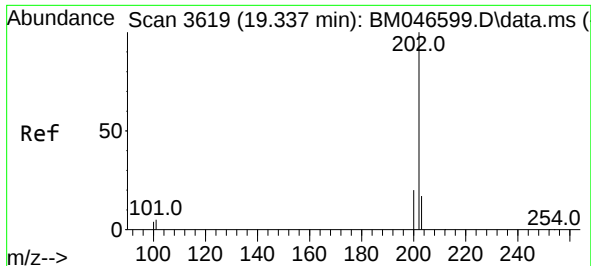
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



#19
 Fluoranthene
 Concen: 0.901 ng/ul
 RT: 18.970 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: BM046608.D
 Acq: 15 Jul 2024 22:33

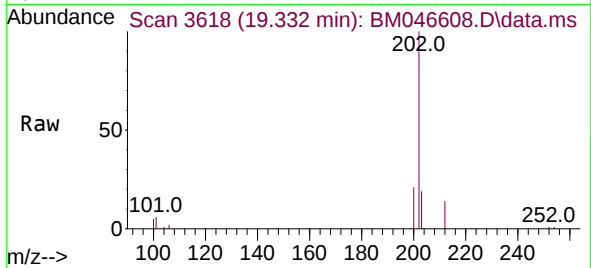
Tgt Ion:202 Resp: 33610
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.6 6.8
 100 4.3 3.0 4.6





#20
Pyrene
Concen: 0.789 ng/ul
RT: 19.332 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

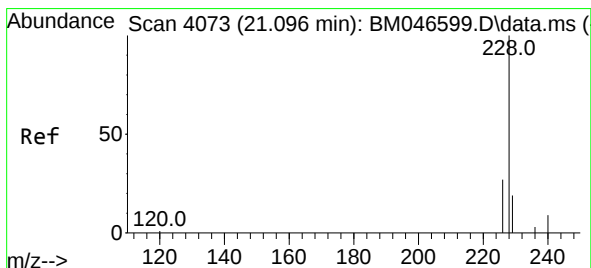
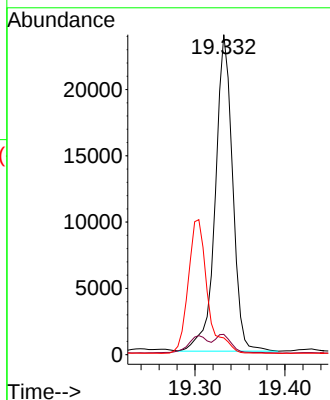
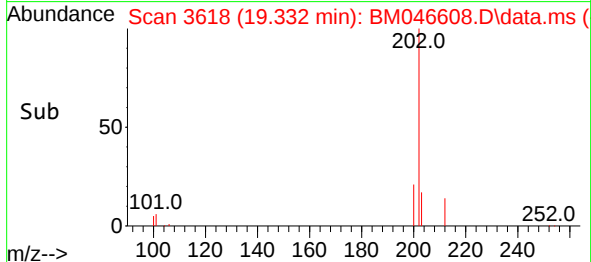
Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:202 Resp: 3184
Ion Ratio Lower Upper
202 100
101 6.4 5.1 7.7
100 5.2 3.8 5.6

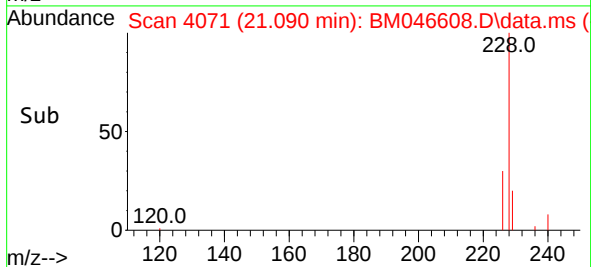
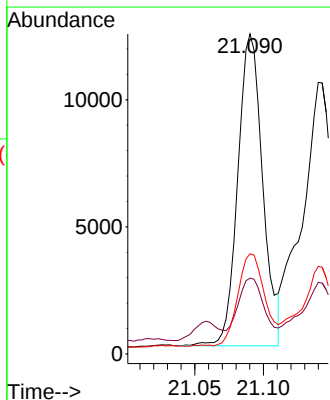
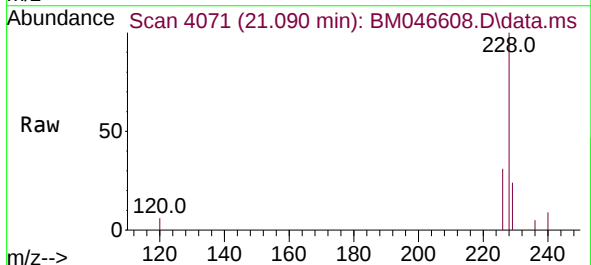
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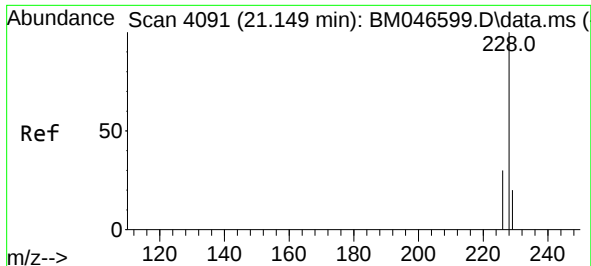
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

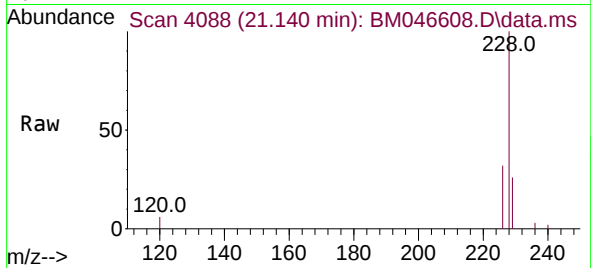
Tgt Ion:228 Resp: 15473
Ion Ratio Lower Upper
228 100
229 23.7 16.5 24.7
226 31.3 22.5 33.7





#22
Chrysene
Concen: 0.424 ng/ul m
RT: 21.140 min Scan# 4091
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

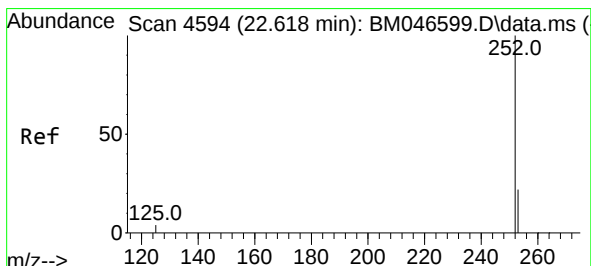
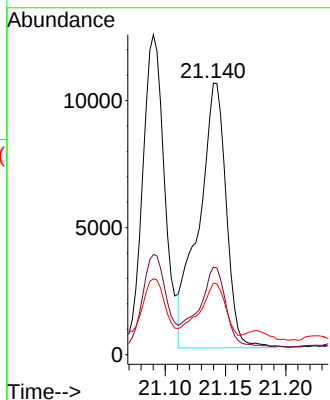
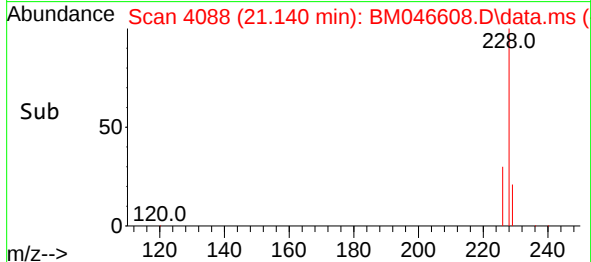
Instrument :
BNA_M
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A4BR2



Tgt Ion:228 Resp: 16475
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 26.3 16.4 24.6

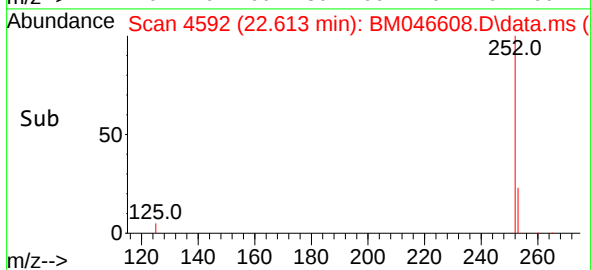
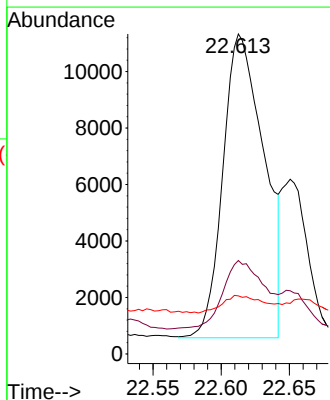
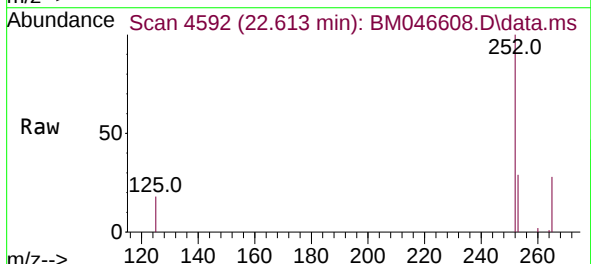
Manual Integrations
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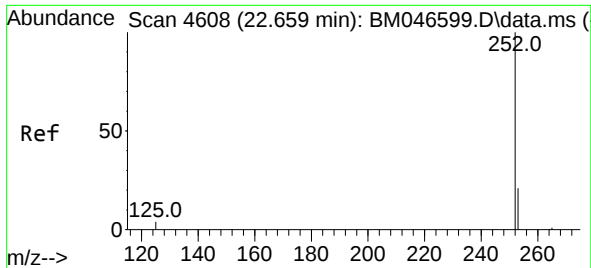
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 0.612 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

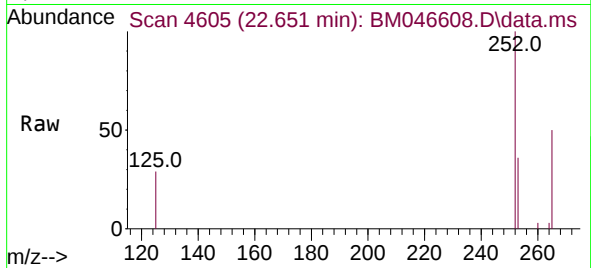
Tgt Ion:252 Resp: 22462
Ion Ratio Lower Upper
252 100
253 29.2 0.0 56.2
125 18.2 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.208 ng/ul m
RT: 22.651 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

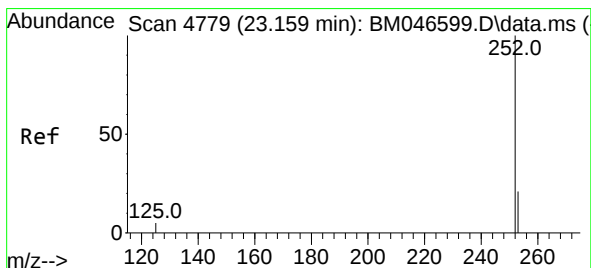
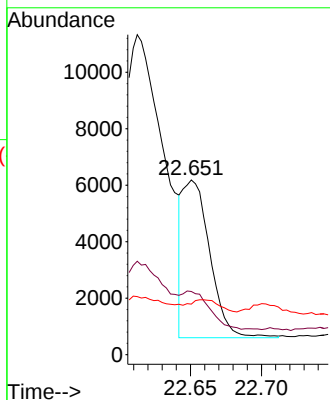
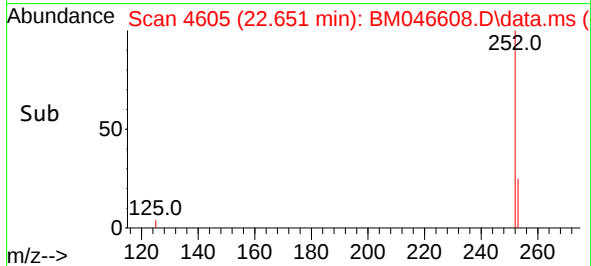
Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:252 Resp: 748
Ion Ratio Lower Upper
252 100
253 36.1 22.4 33.6
125 29.0 7.0 10.4

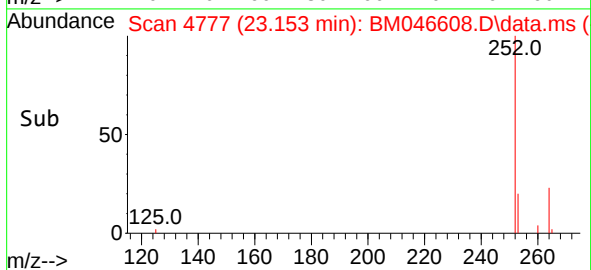
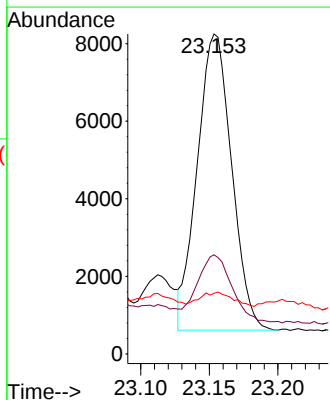
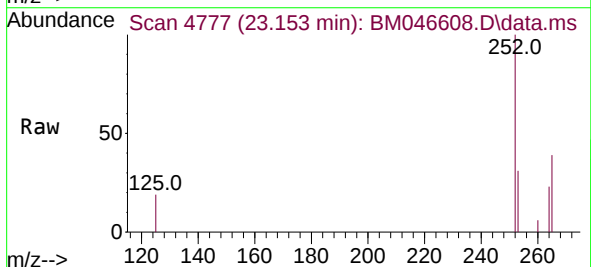
Manual Integrations
APPROVED

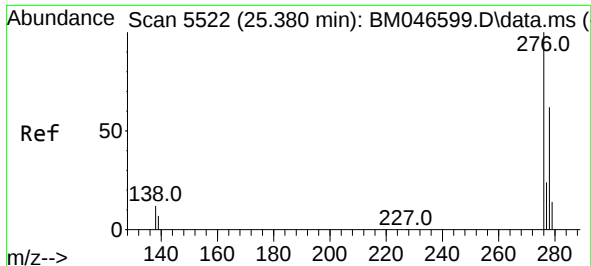
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.153 min Scan# 4777
Delta R.T. 0.003 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

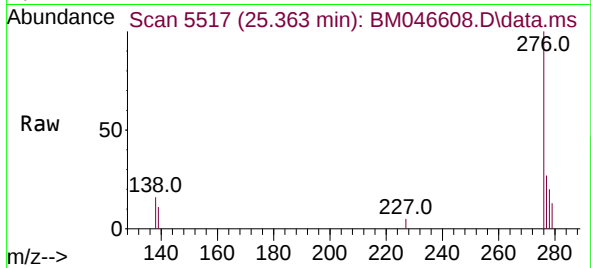
Tgt Ion:252 Resp: 13326
Ion Ratio Lower Upper
252 100
253 31.0 24.0 36.0
125 18.9 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.240 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. 0.003 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

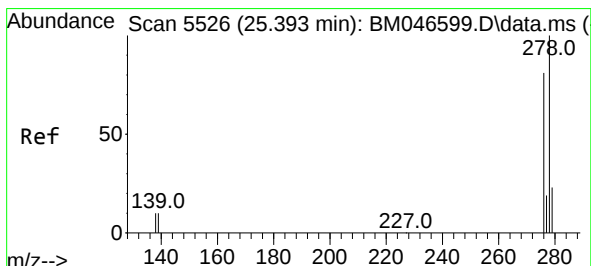
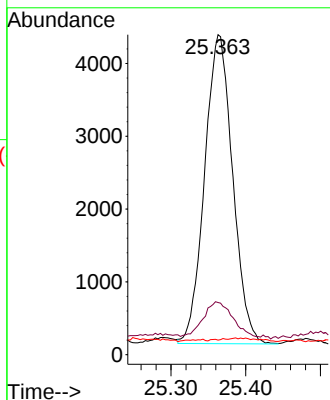
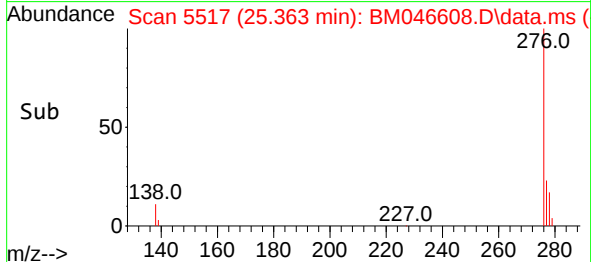
Instrument :
BNA_M
ClientSampleId :
A4BR2



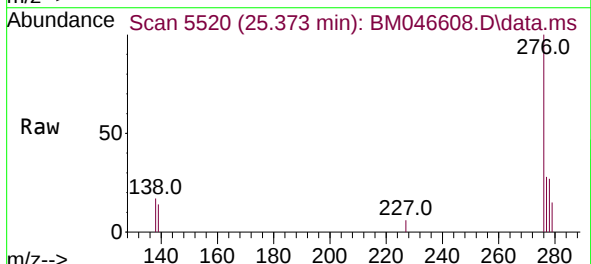
Tgt Ion:276 Resp: 11050
Ion Ratio Lower Upper
276 100
138 12.0 0.0 0.0#
227 0.2 0.2 0.2

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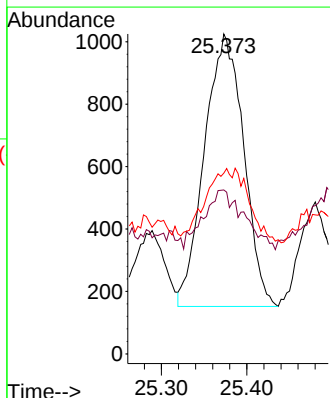
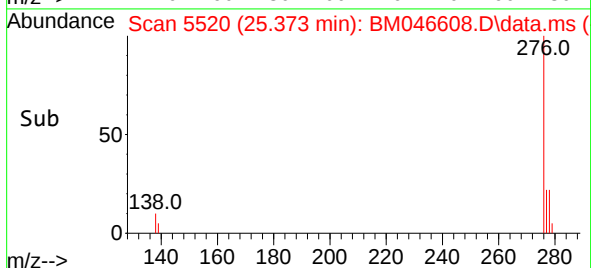
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

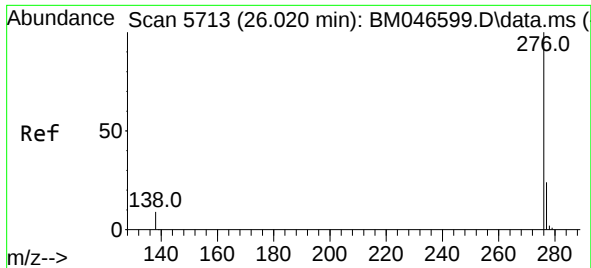


#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.373 min Scan# 5520
Delta R.T. -0.010 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33



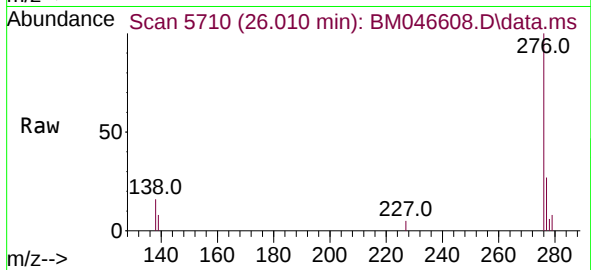
Tgt Ion:278 Resp: 2779
Ion Ratio Lower Upper
278 100
139 51.2 9.1 13.7#
279 56.5 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 26.010 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM046608.D
Acq: 15 Jul 2024 22:33

Instrument :
BNA_M
ClientSampleId :
A4BR2



Tgt Ion:276 Resp: 11510
Ion Ratio Lower Upper
276 100
138 15.7 10.2 15.4
277 27.0 20.9 31.3

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

