

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046619.D
 Acq On : 16 Jul 2024 05:53
 Operator : MA/JU
 Sample : P3087-01DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CB7DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 06:29:57 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	2553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	6257	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.145	164	4124	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.895	188	9320	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	9523	0.400	ng/ul	0.00
23) Perylene-d12	23.239	264	12028	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1676	0.799	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.859	152	543	0.054	ng/ul	0.00
18) Fluoranthene-d10	18.936	212	1518	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.308	128	2429	0.153	ng/ul	96
7) 2-Methylnaphthalene	11.936	142	855	0.076	ng/ul	98
8) 1-Methylnaphthalene	12.156	142	640	0.056	ng/ul	98
10) Acenaphthylene	13.858	152	4254	0.227	ng/ul	98
11) Acenaphthene	14.205	153	3808	0.303	ng/ul	95
12) Fluorene	15.199	166	4967	0.319	ng/ul	99
15) Phenanthrene	16.937	178	106737	4.013	ng/ul	98
16) Anthracene	17.026	178	19645	0.757	ng/ul	99
19) Fluoranthene	18.964	202	224041	5.728	ng/ul	98
20) Pyrene	19.326	202	152155	3.593	ng/ul	98
21) Benzo(a)anthracene	21.085	228	105068	2.494	ng/ul	99
22) Chrysene	21.137	228	111855	2.744	ng/ul	99
24) Benzo(b)fluoranthene	22.607	252	173377m	3.609	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	54723m	1.160	ng/ul	
26) Benzo(a)pyrene	23.145	252	56922m	1.440	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.357	276	58284	0.969	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.363	278	20355	0.427	ng/ul	98
29) Benzo(g,h,i)perylene	25.997	276	8443	0.176	ng/ul#	91

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

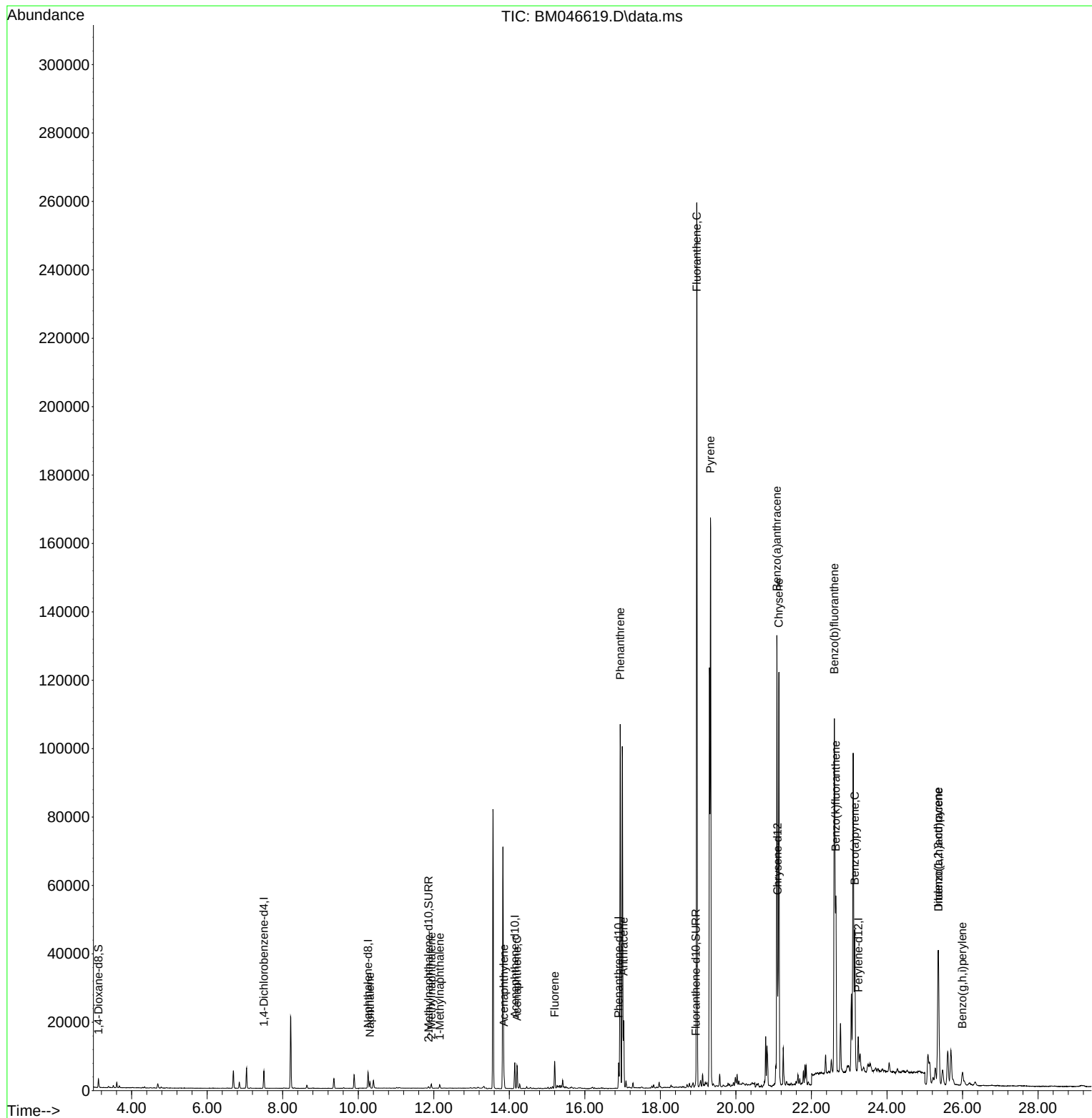
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046619.D
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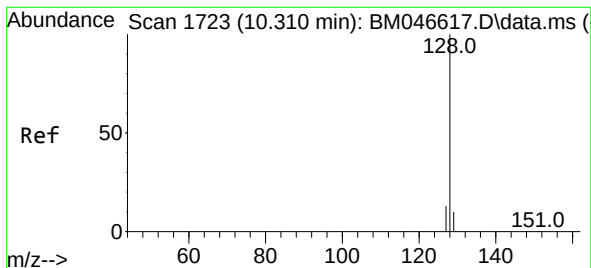
Instrument :
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.153 ng/ul

RT: 10.308 min Scan# 1723

Delta R.T. -0.007 min

Lab File: BM046619.D

Acq: 16 Jul 2024 05:53

Instrument :

BNA_M

ClientSampleId :

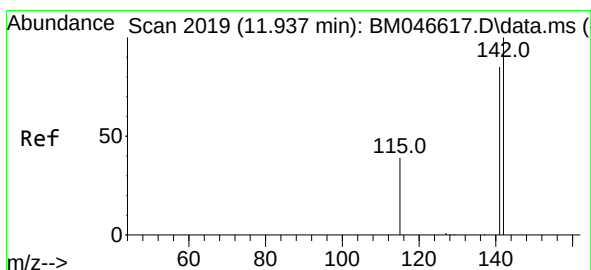
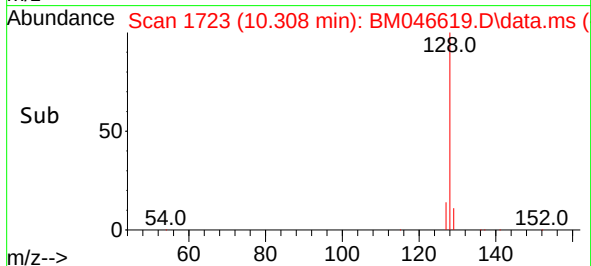
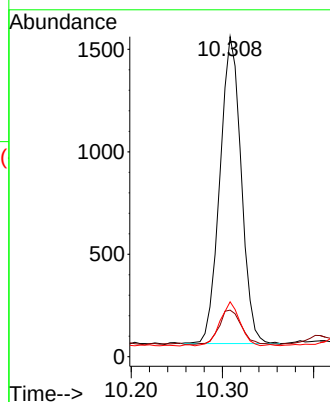
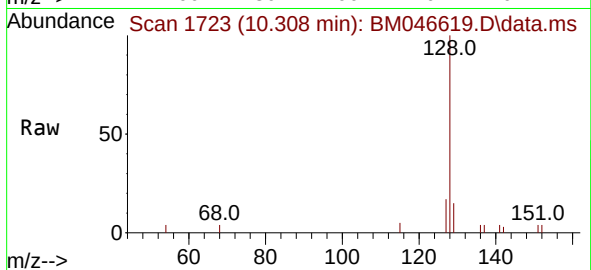
A4CB7DL

Tgt Ion:128	Resp:	2429
Ion Ratio	Lower	Upper
128	100	
129	14.5	10.3 15.5
127	17.2	12.2 18.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.076 ng/ul

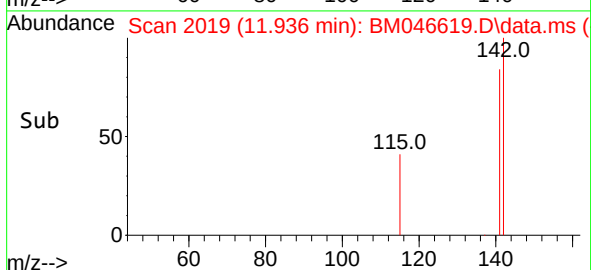
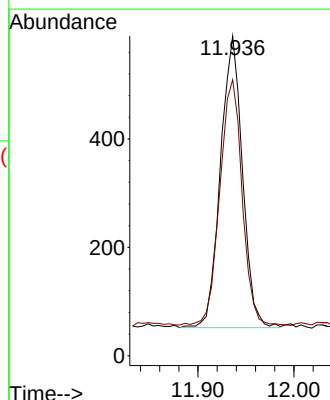
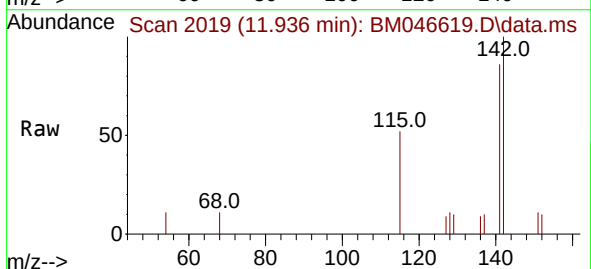
RT: 11.936 min Scan# 2019

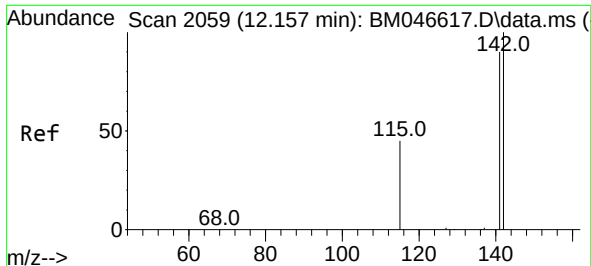
Delta R.T. -0.007 min

Lab File: BM046619.D

Acq: 16 Jul 2024 05:53

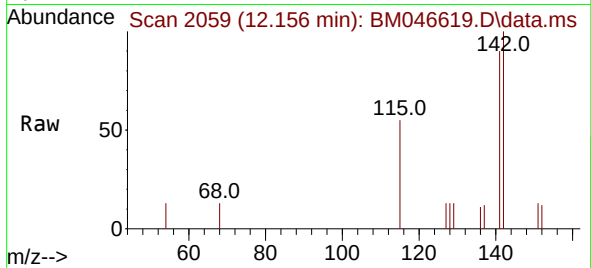
Tgt Ion:142	Resp:	855
Ion Ratio	Lower	Upper
142	100	
141	85.6	70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

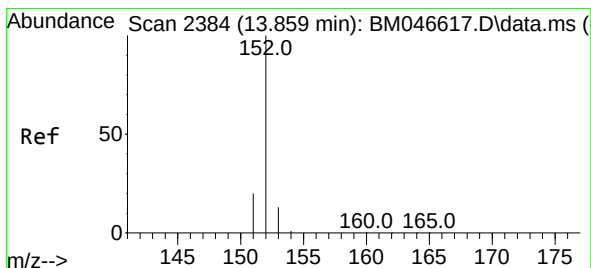
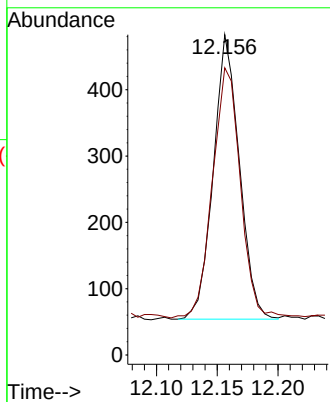
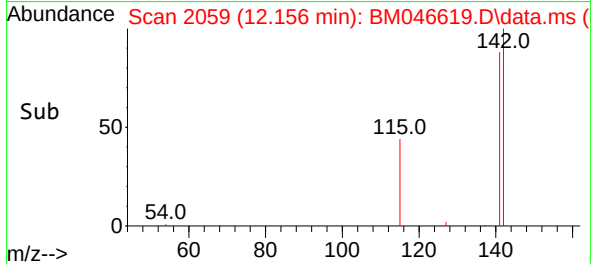
Instrument :
BNA_M
ClientSampleId :
A4CB7DL



Tgt Ion:142 Resp: 640
Ion Ratio Lower Upper
142 100
141 94.2 73.9 110.9

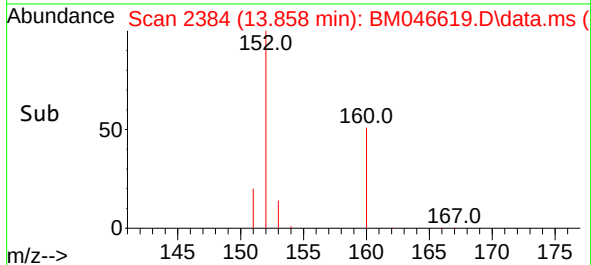
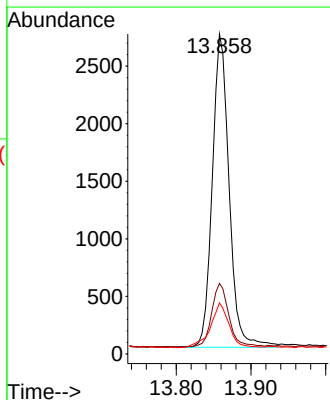
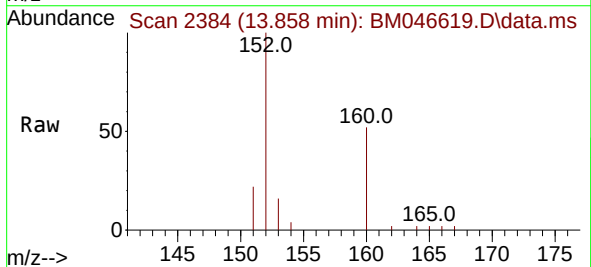
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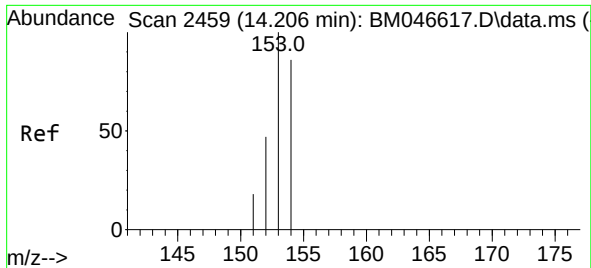
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.227 ng/ul
RT: 13.858 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

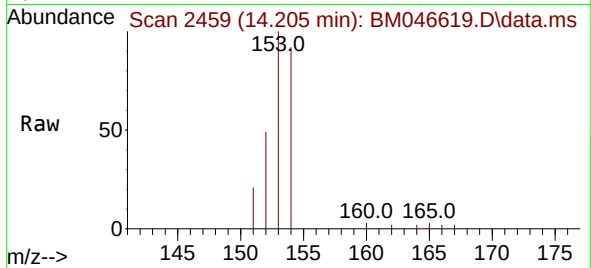
Tgt Ion:152 Resp: 4254
Ion Ratio Lower Upper
152 100
151 22.1 16.4 24.6
153 16.0 12.4 18.6





#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.205 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

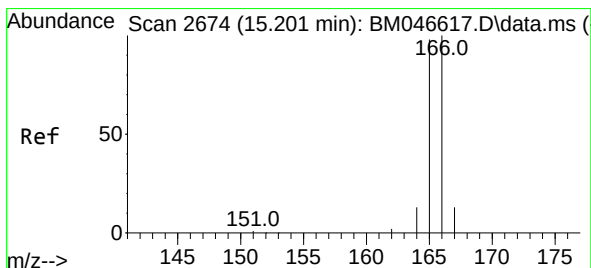
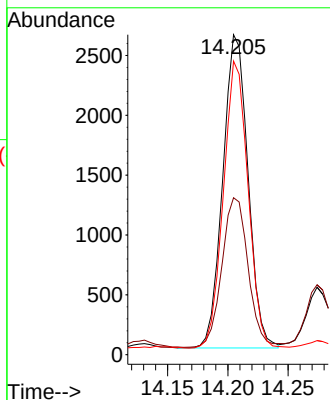
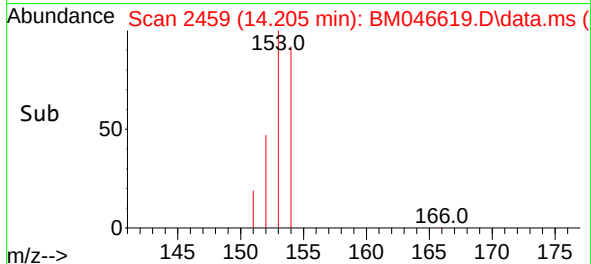
Instrument :
BNA_M
ClientSampleId :
A4CB7DL



Tgt Ion:153 Resp: 3808
Ion Ratio Lower Upper
153 100
152 49.1 43.0 64.6
154 91.7 69.9 104.9

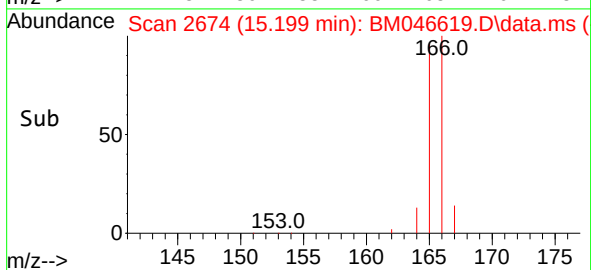
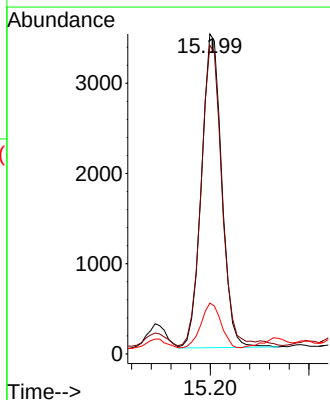
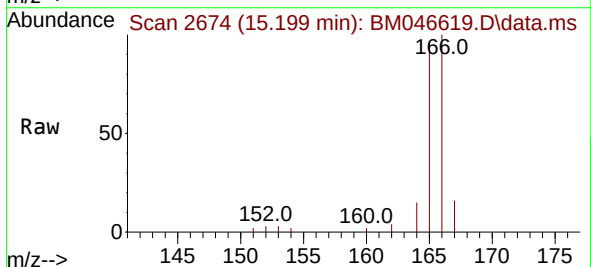
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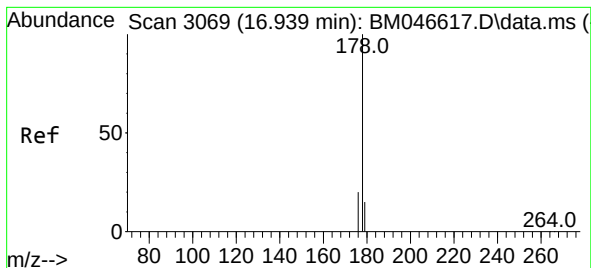
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.199 min Scan# 2674
Delta R.T. -0.006 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

Tgt Ion:166 Resp: 4967
Ion Ratio Lower Upper
166 100
165 96.4 76.1 114.1
167 15.9 12.5 18.7





#15

Phenanthrene

Concen: 4.013 ng/ul

RT: 16.937 min Scan# 3069

Delta R.T. -0.006 min

Lab File: BM046619.D

Acq: 16 Jul 2024 05:53

Instrument :

BNA_M

ClientSampleId :

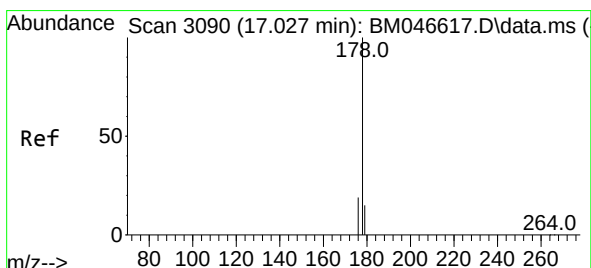
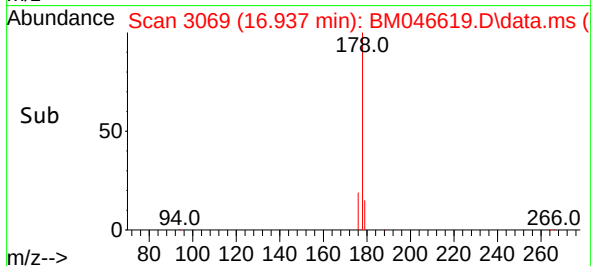
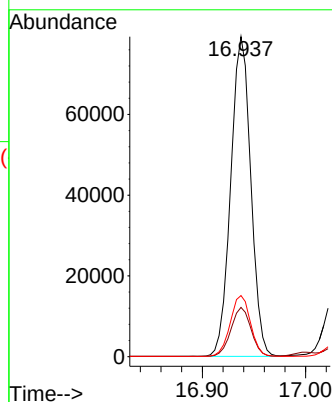
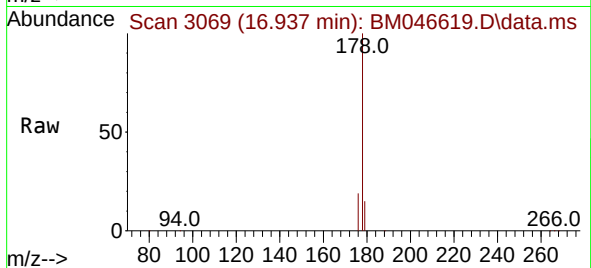
A4CB7DL

Tgt Ion:178	Resp: 10673
Ion Ratio	Lower Upper
178	100
179	15.4 13.1 19.7
176	19.1 16.0 24.0

Manual Integrations

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#16

Anthracene

Concen: 0.757 ng/ul

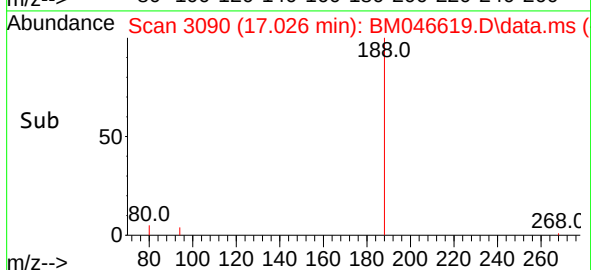
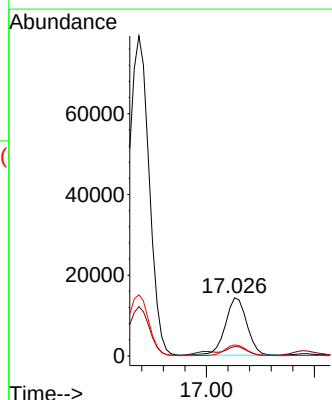
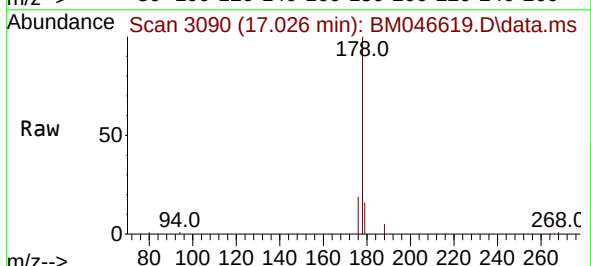
RT: 17.026 min Scan# 3090

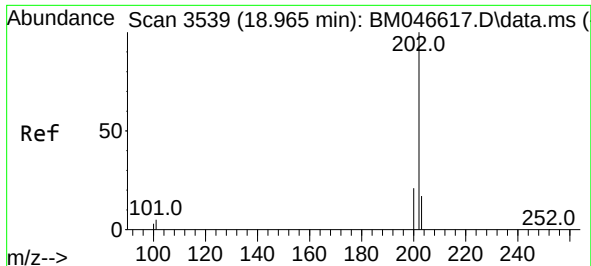
Delta R.T. -0.006 min

Lab File: BM046619.D

Acq: 16 Jul 2024 05:53

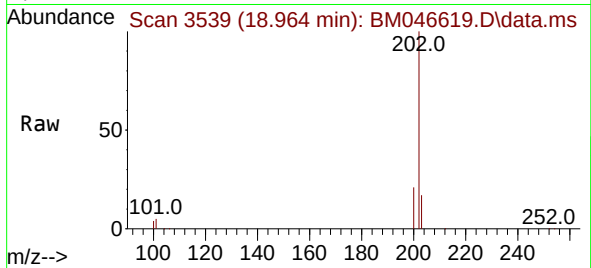
Tgt Ion:178	Resp: 19645
Ion Ratio	Lower Upper
178	100
179	16.2 13.5 20.3
176	19.1 15.7 23.5





#19
Fluoranthene
Concen: 5.728 ng/u1
RT: 18.964 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

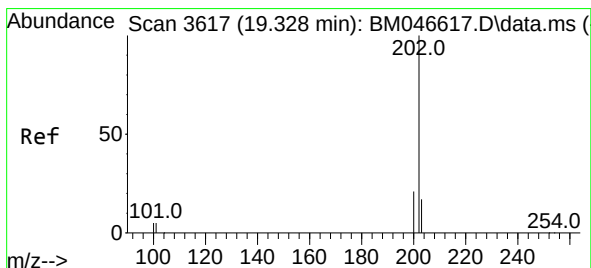
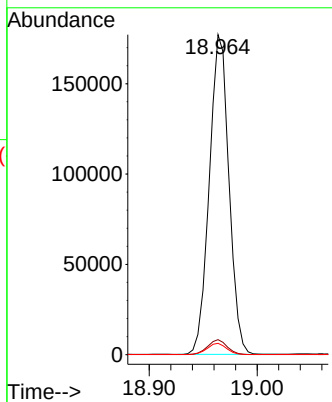
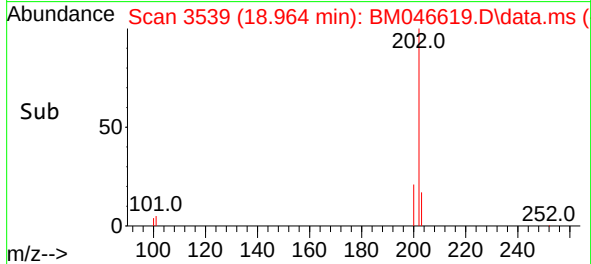
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A4CB7DL



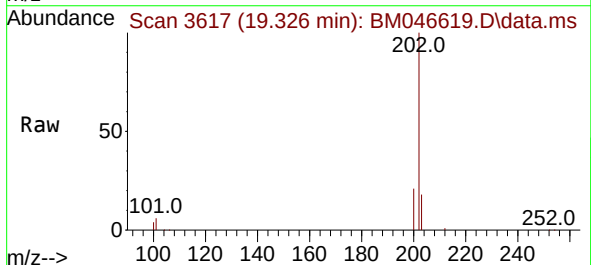
Tgt Ion:202 Resp: 22404
Ion Ratio Lower Upper
202 100
101 4.7 4.6 6.8
100 3.6 3.0 4.6

Manual Integrations
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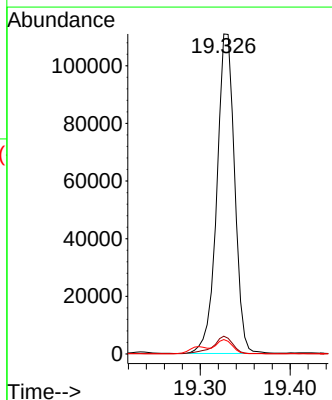
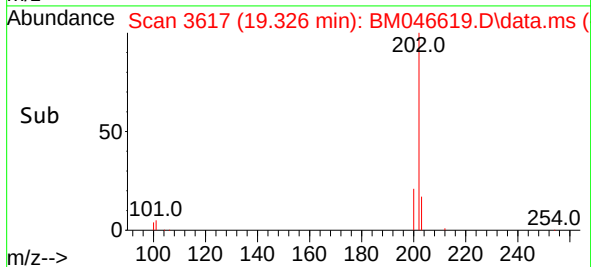
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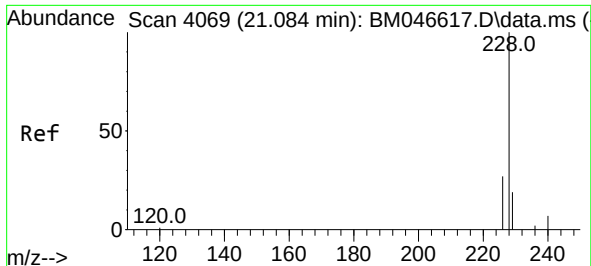


#20
Pyrene
Concen: 3.593 ng/u1
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53



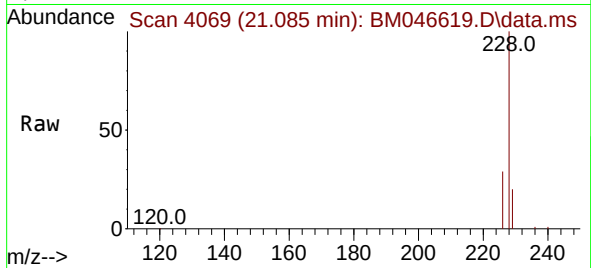
Tgt Ion:202 Resp: 152155
Ion Ratio Lower Upper
202 100
101 5.5 5.1 7.7
100 4.5 3.8 5.6





#21
Benzo(a)anthracene
Concen: 2.494 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

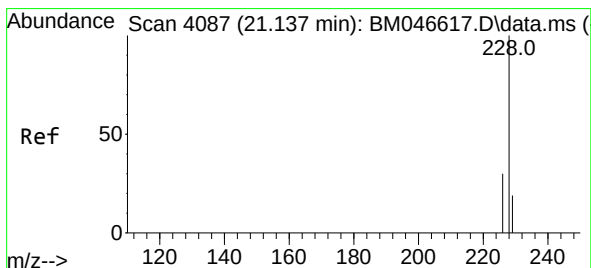
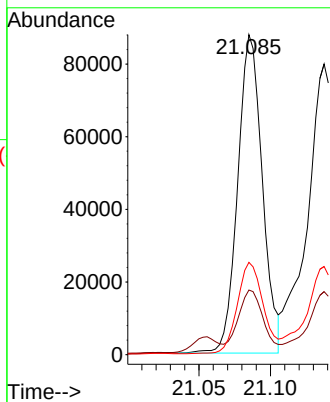
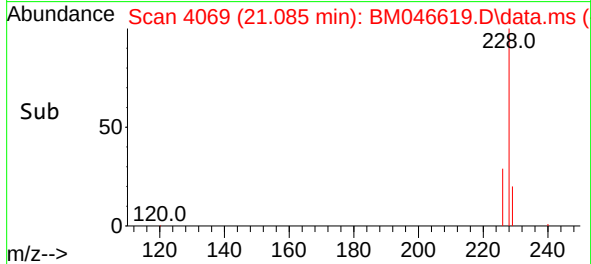
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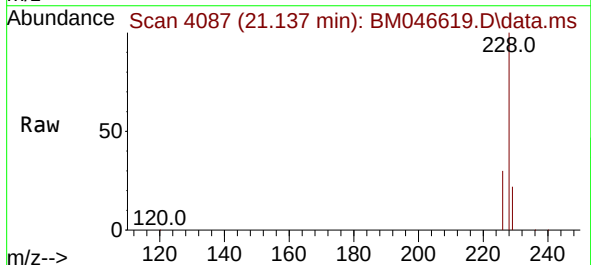
Tgt Ion:228 Resp: 10506
Ion Ratio Lower Upper
228 100
229 20.2 16.5 24.7
226 28.9 22.5 33.7

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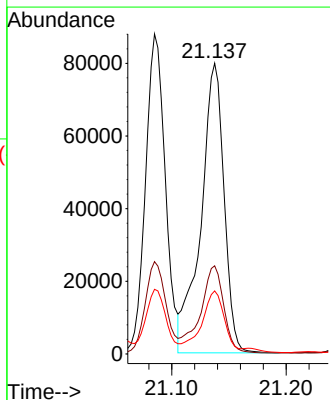
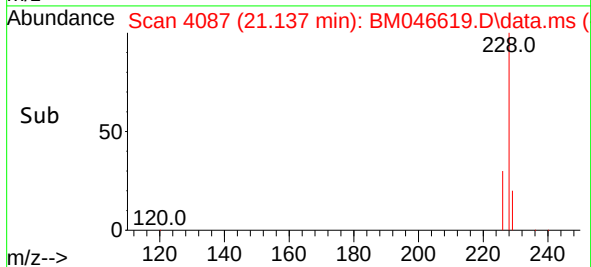
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

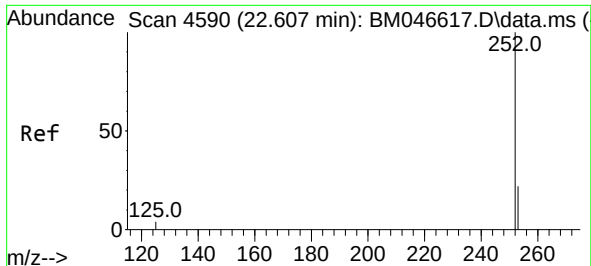


#22
Chrysene
Concen: 2.744 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53



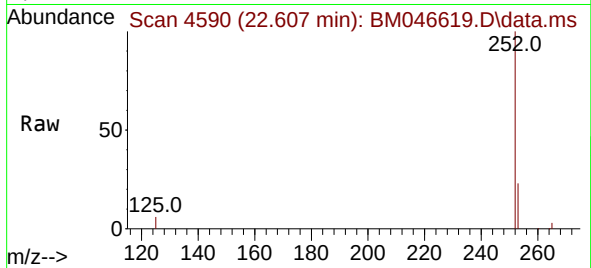
Tgt Ion:228 Resp: 111855
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.609 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

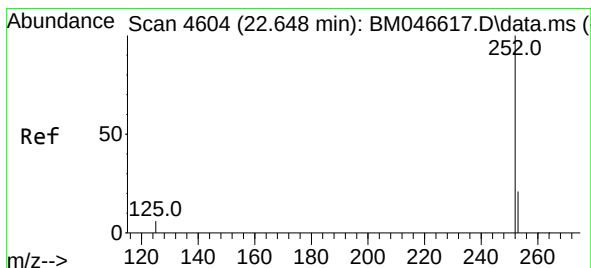
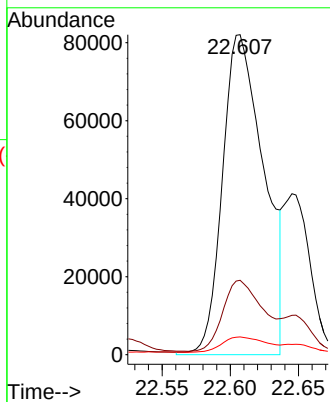
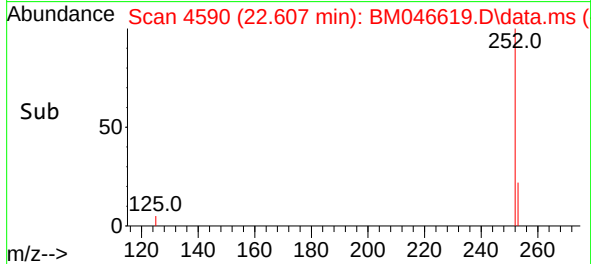
Instrument :
BNA_M
ClientSampleId :
A4CB7DL



Tgt Ion:252 Resp: 17337
Ion Ratio Lower Upper
252 100
253 23.3 0.0 56.2
125 5.6 0.0 17.8

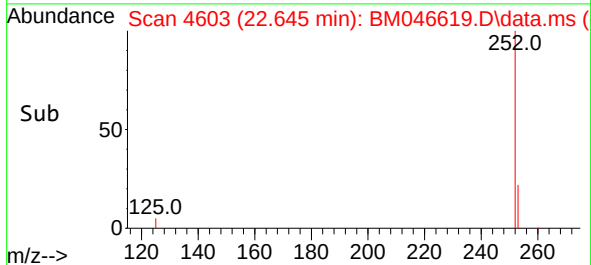
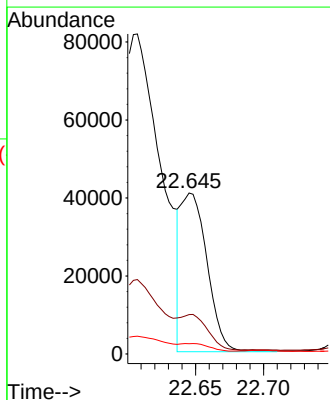
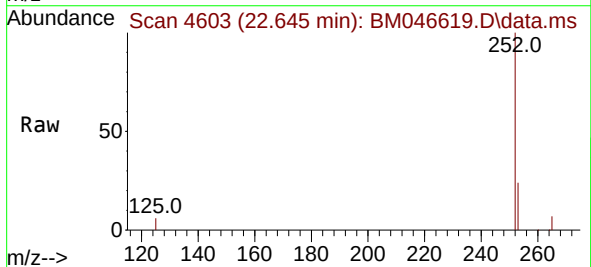
Manual Integrations
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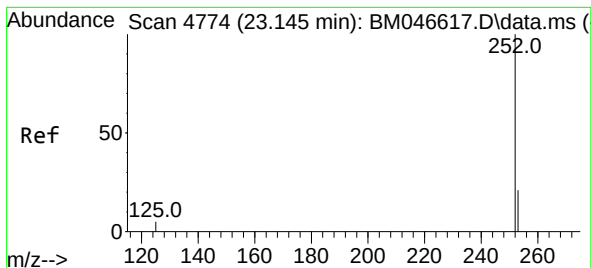
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 1.160 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

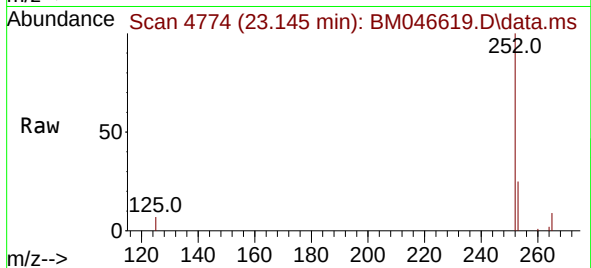
Tgt Ion:252 Resp: 54723
Ion Ratio Lower Upper
252 100
253 24.4 22.4 33.6
125 6.4 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.440 ng/ul m
RT: 23.145 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

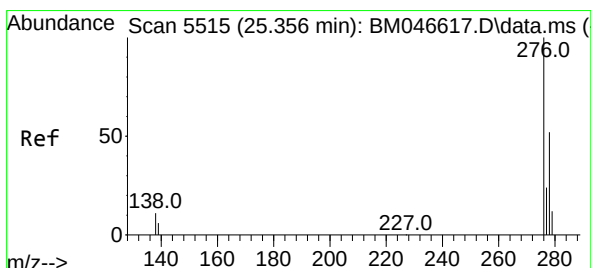
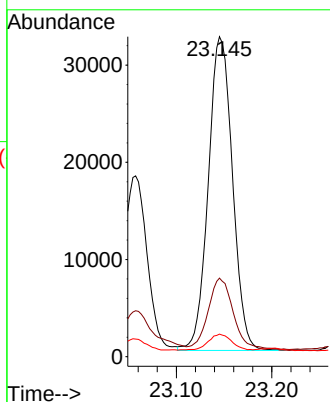
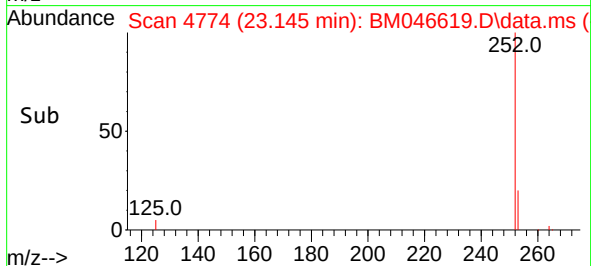
Instrument :
BNA_M
ClientSampleId :
A4CB7DL



Tgt Ion:252 Resp: 5692
Ion Ratio Lower Upper
252 100
253 24.6 24.0 36.0
125 7.0 8.2 12.2

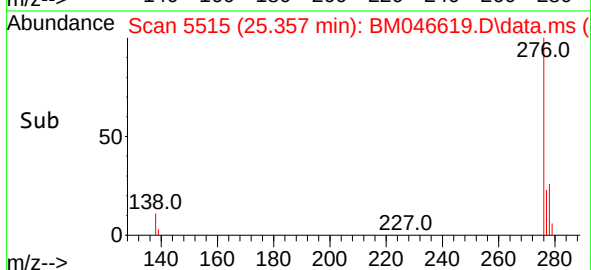
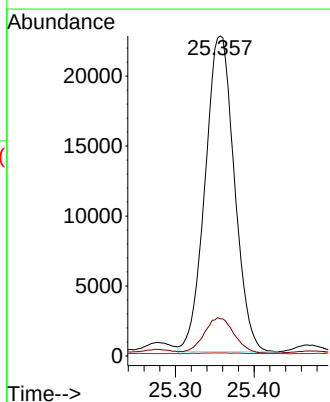
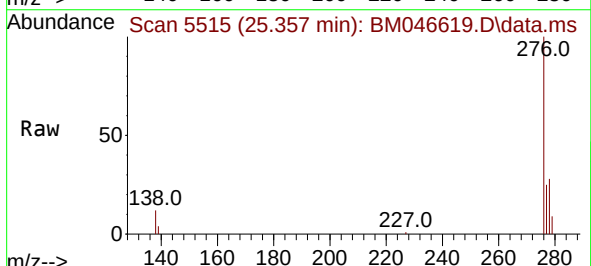
Manual Integrations
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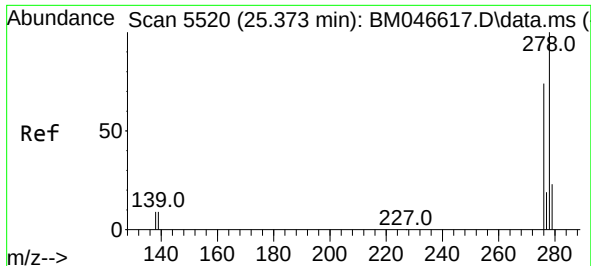
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.969 ng/ul
RT: 25.357 min Scan# 5515
Delta R.T. -0.003 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

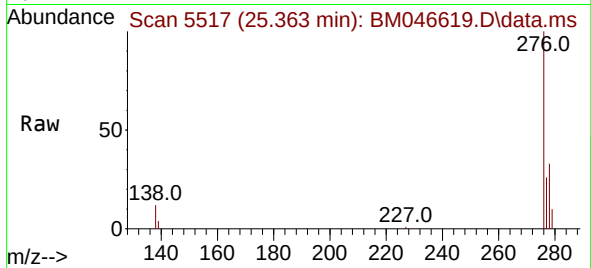
Tgt Ion:276 Resp: 58284
Ion Ratio Lower Upper
276 100
138 11.4 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 25.363 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

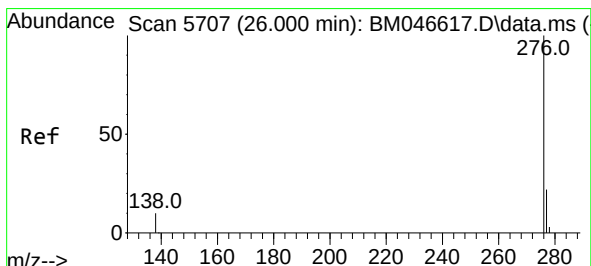
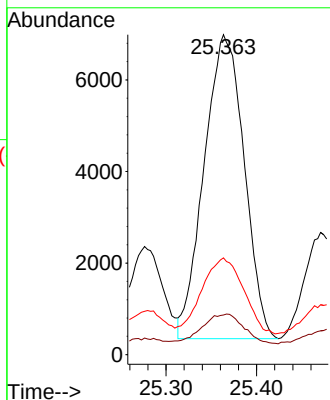
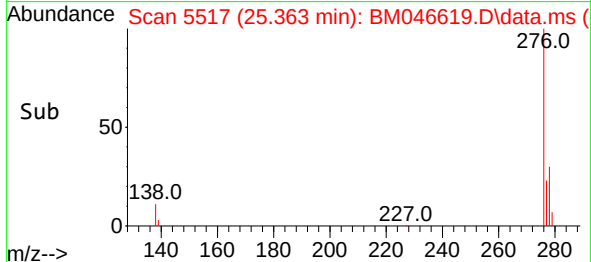
Instrument :
BNA_M
ClientSampleId :
A4CB7DL



Tgt Ion:278 Resp: 2035
Ion Ratio Lower Upper
278 100
139 12.4 9.1 13.7
279 30.2 23.2 34.8

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Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.176 ng/ul
RT: 25.997 min Scan# 5706
Delta R.T. -0.007 min
Lab File: BM046619.D
Acq: 16 Jul 2024 05:53

Tgt Ion:276 Resp: 8443
Ion Ratio Lower Upper
276 100
138 16.5 10.2 15.4#
277 30.5 20.9 31.3

