

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046817.D
 Acq On : 26 Jul 2024 01:42
 Operator : MA/JU
 Sample : P3263-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 02:25:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4015	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	11446	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	7013	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	13794	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	8565	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	8995	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	1765	0.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.833	152	861	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	1719	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	1431	0.049	ng/ul#	88
7) 2-Methylnaphthalene	11.904	142	563	0.028	ng/ul	94
8) 1-Methylnaphthalene	12.130	142	423	0.021	ng/ul	86
10) Acenaphthylene	13.836	152	2264	0.070	ng/ul#	93
11) Acenaphthene	14.178	153	2763	0.127	ng/ul	98
12) Fluorene	15.178	166	2910	0.107	ng/ul	99
15) Phenanthrene	16.913	178	57457	1.449	ng/ul	98
16) Anthracene	17.006	178	10345	0.280	ng/ul	98
19) Fluoranthene	18.942	202	111729	2.970	ng/ul	100
20) Pyrene	19.309	202	74987	1.927	ng/ul	100
21) Benzo(a)anthracene	21.067	228	38368	1.075	ng/ul	98
22) Chrysene	21.120	228	42670	1.177	ng/ul	98
24) Benzo(b)fluoranthene	22.583	252	57055m	1.445	ng/ul	
25) Benzo(k)fluoranthene	22.621	252	18412m	0.463	ng/ul	
26) Benzo(a)pyrene	23.121	252	19943	0.703	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.316	276	21341	0.489	ng/ul	99
28) Dibenzo(a,h)anthracene	25.326	278	6478	0.203	ng/ul#	71
29) Benzo(g,h,i)perylene	25.953	276	3431	0.089	ng/ul#	61

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

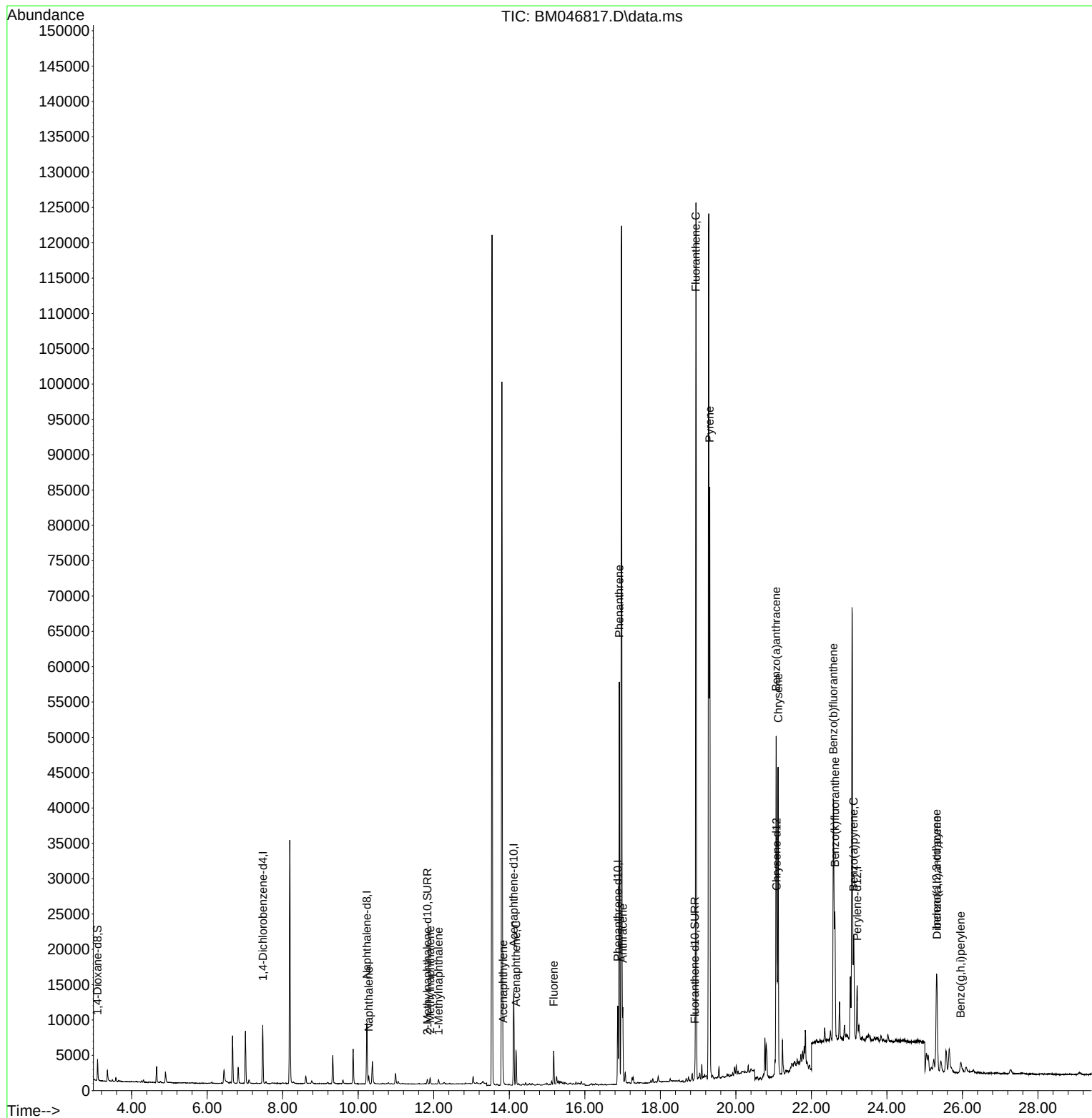
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046817.D
Acq On : 26 Jul 2024 01:42
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ALS Vial : 27 Sample Multiplier: 1

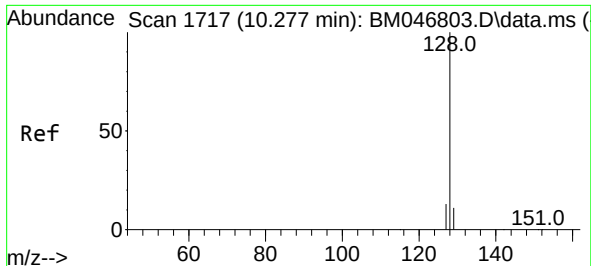
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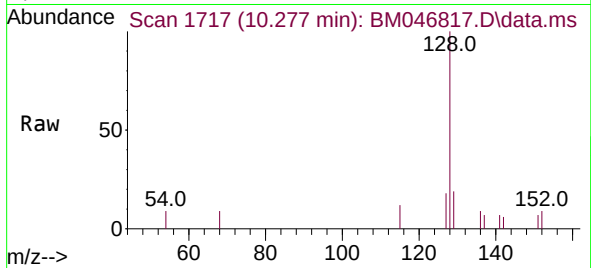
Quant Time: Jul 26 02:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.049 ng/u1
RT: 10.277 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

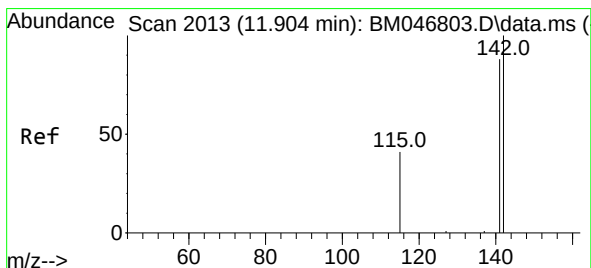
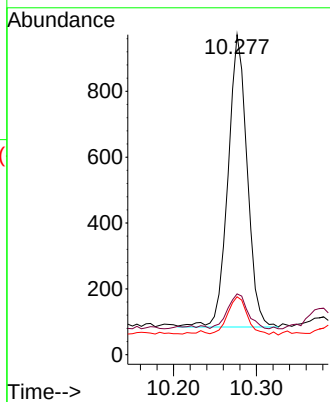
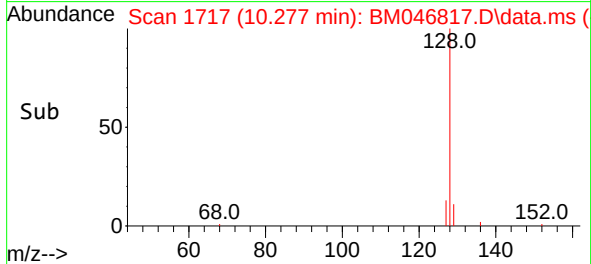
Instrument :
BNA_M
ClientSampleId :
A4BA0DL



Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
129 19.0 10.1 15.1
127 18.1 11.5 17.3

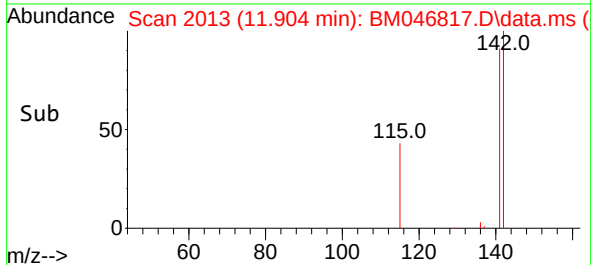
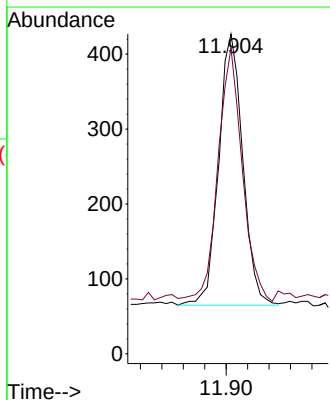
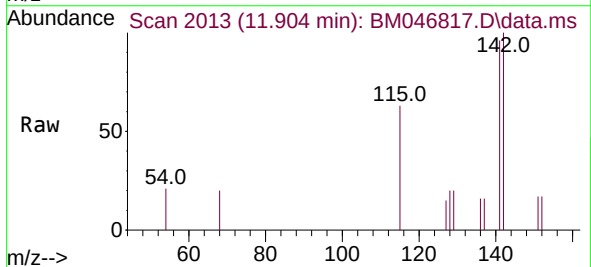
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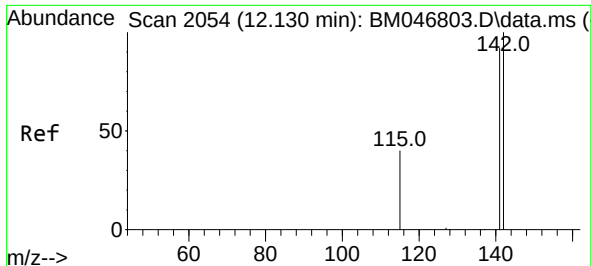
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/u1
RT: 11.904 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

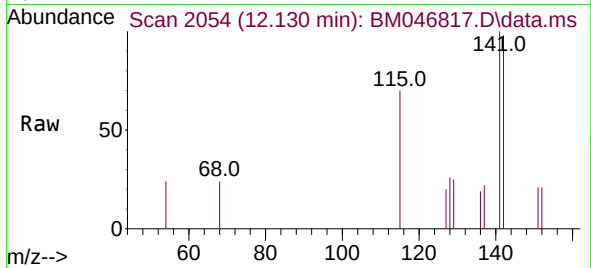
Tgt Ion:142 Resp: 563
Ion Ratio Lower Upper
142 100
141 94.0 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

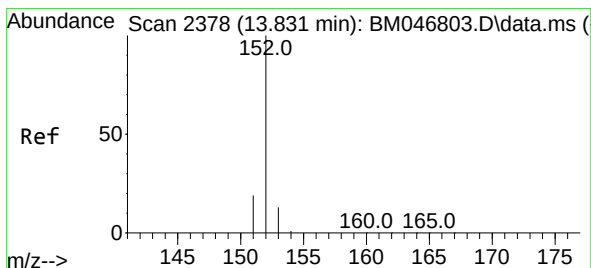
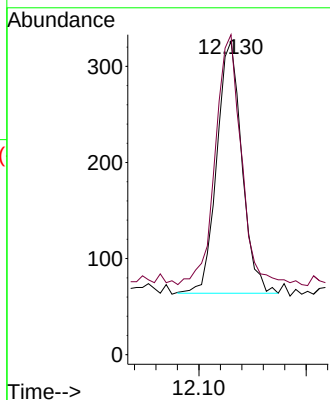
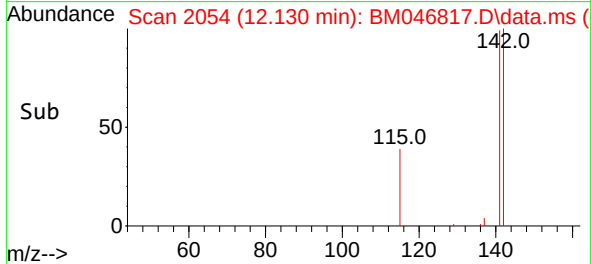
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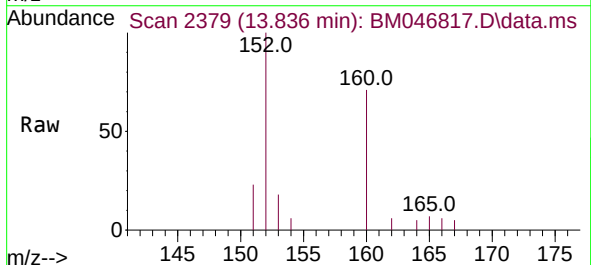
Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
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141 104.5 73.1 109.7

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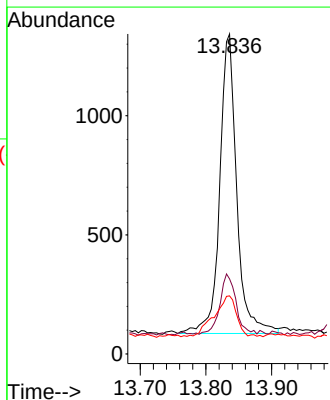
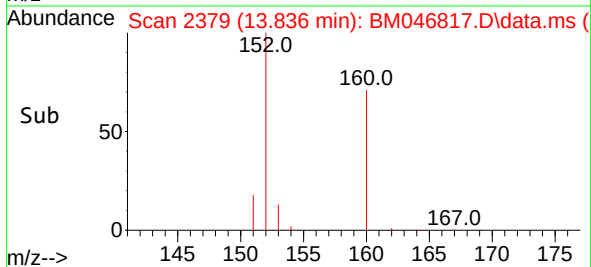
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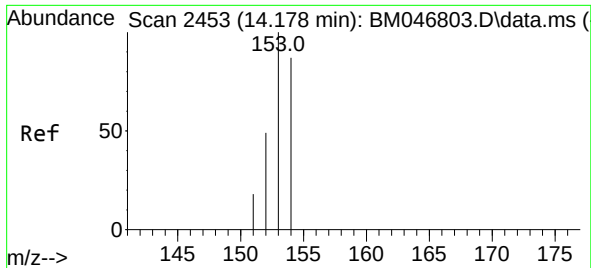


#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 13.836 min Scan# 2379
Delta R.T. 0.005 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42



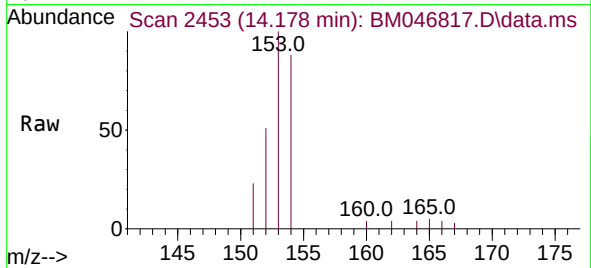
Tgt Ion:152 Resp: 2264
Ion Ratio Lower Upper
152 100
151 23.5 16.8 25.2
153 18.2 11.0 16.6#





#11
Acenaphthene
Concen: 0.127 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

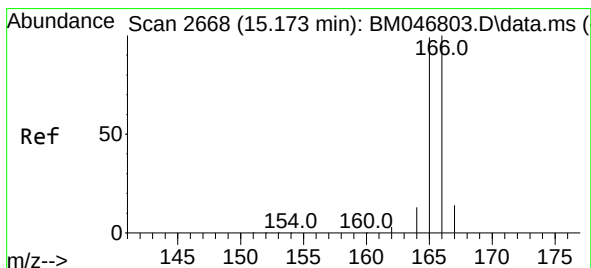
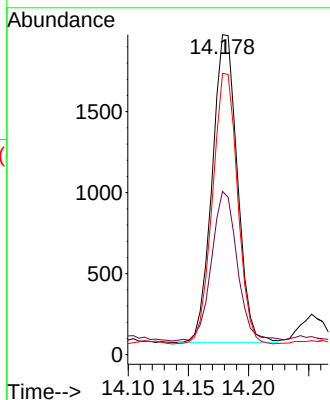
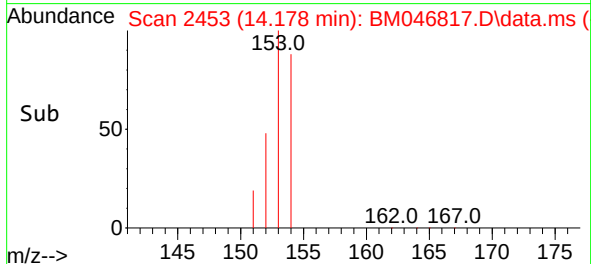
Instrument :
BNA_M
ClientSampleId :
A4BA0DL



Tgt Ion:153 Resp: 276
Ion Ratio Lower Upper
153 100
152 51.0 38.6 57.8
154 87.9 70.8 106.2

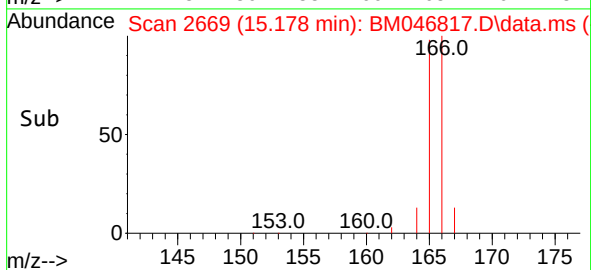
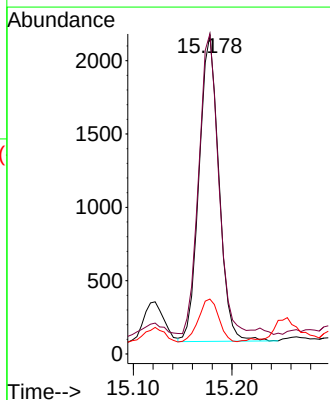
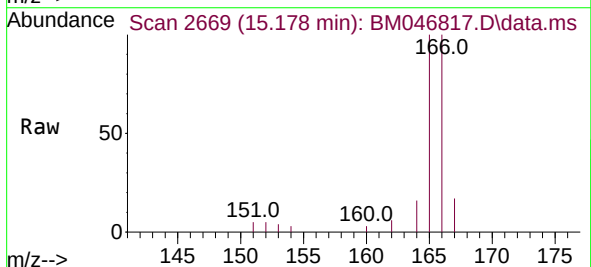
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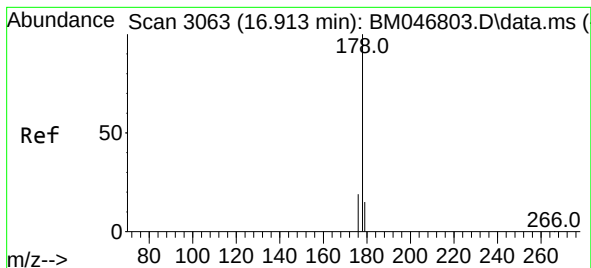
Reviewed By :Jagrut Upadhyay 07/26/2024
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#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

Tgt Ion:166 Resp: 2910
Ion Ratio Lower Upper
166 100
165 100.3 79.8 119.6
167 17.2 12.3 18.5





#15

Phenanthrene

Concen: 1.449 ng/ul

RT: 16.913 min Scan# 3063

Delta R.T. 0.000 min

Lab File: BM046817.D

Acq: 26 Jul 2024 01:42

Instrument :

BNA_M

ClientSampleId :

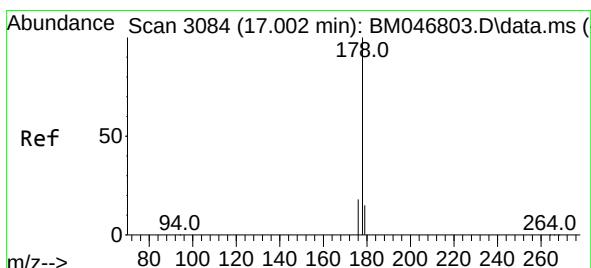
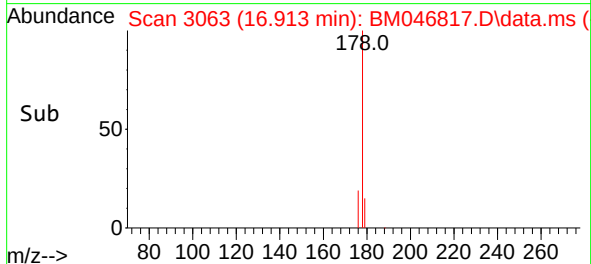
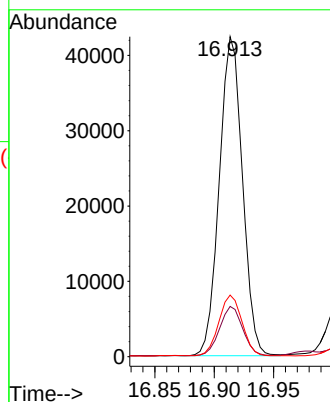
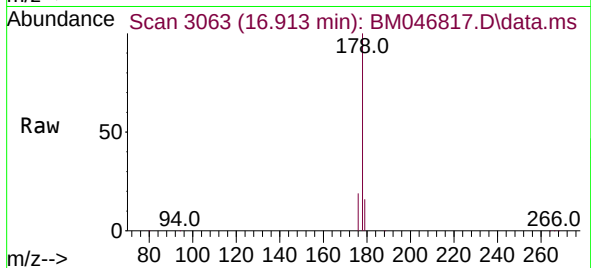
A4BA0DL

Tgt Ion:	178	Resp:	5745
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.4	20.2
176	19.2	16.1	24.1

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Supervised By :mohammad ahmed 07/27/2024



#16

Anthracene

Concen: 0.280 ng/ul

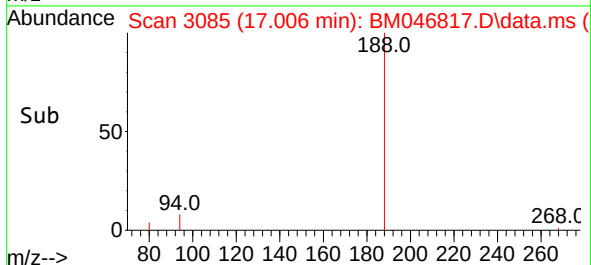
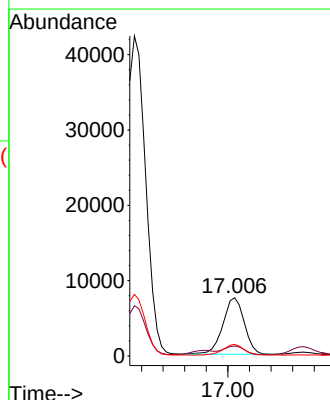
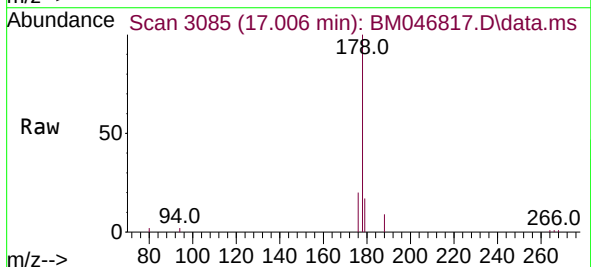
RT: 17.006 min Scan# 3085

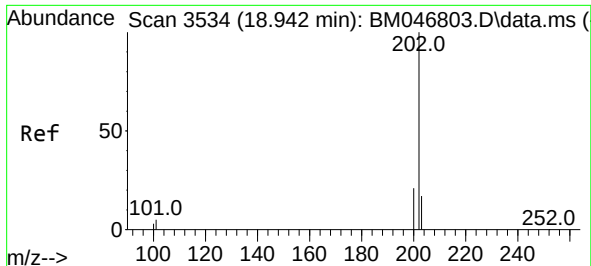
Delta R.T. 0.000 min

Lab File: BM046817.D

Acq: 26 Jul 2024 01:42

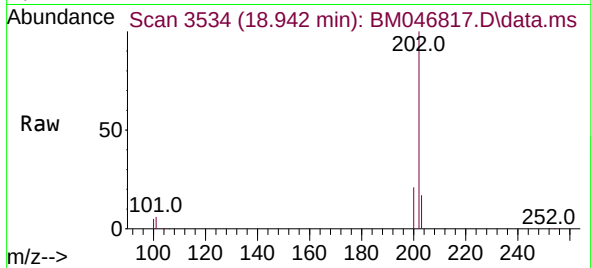
Tgt Ion:	178	Resp:	10345
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.1	19.7
176	19.7	15.0	22.6





#19
Fluoranthene
Concen: 2.970 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

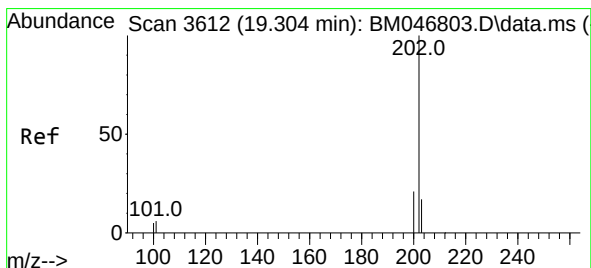
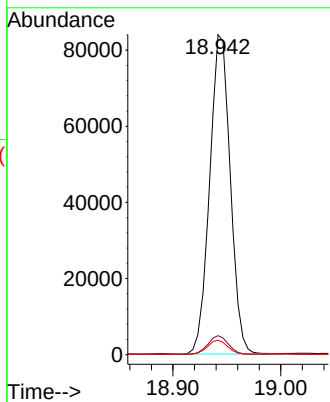
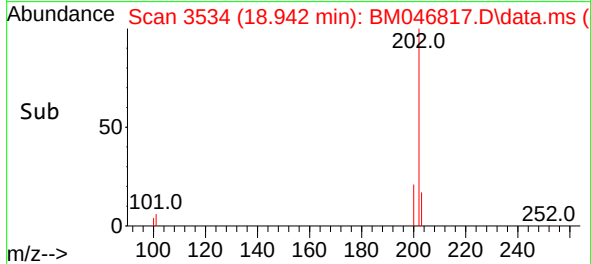
Instrument :
BNA_M
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A4BA0DL



Tgt Ion:202 Resp: 111729
Ion Ratio Lower Upper
202 100
101 5.9 4.7 7.1
100 4.6 3.4 5.2

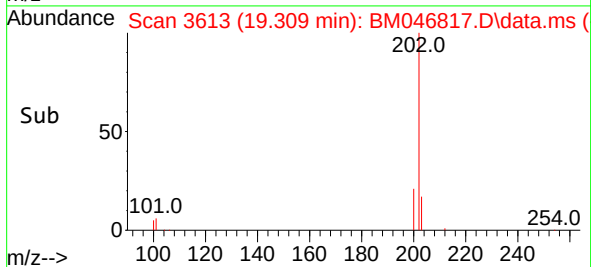
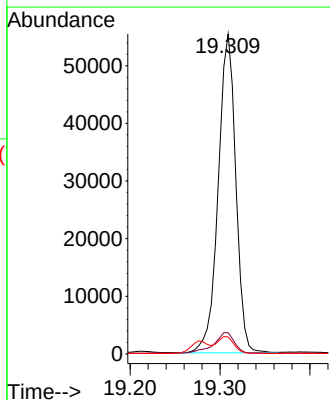
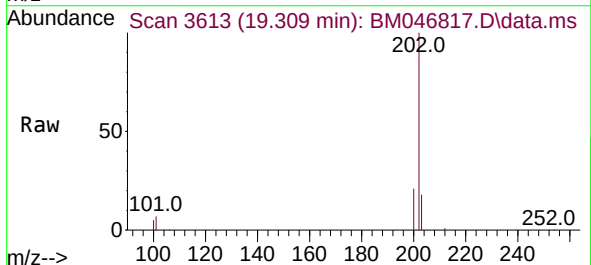
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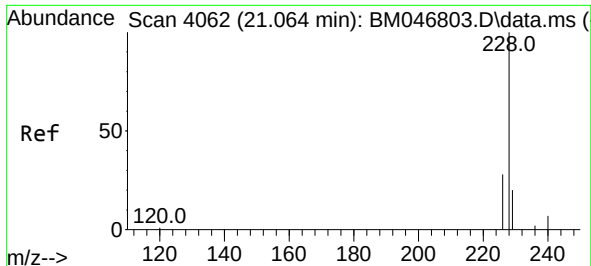
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#20
Pyrene
Concen: 1.927 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

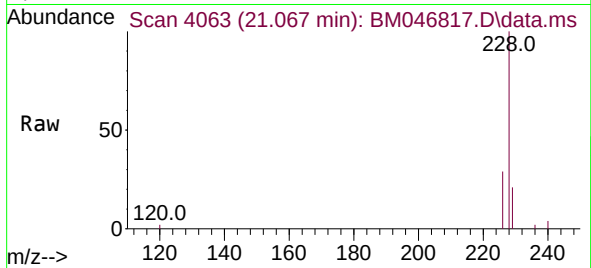
Tgt Ion:202 Resp: 74987
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.3 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.075 ng/ul
RT: 21.067 min Scan# 4062
Delta R.T. 0.003 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

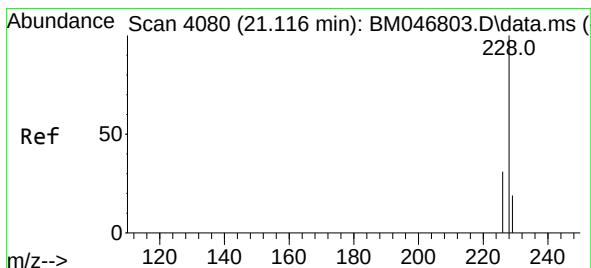
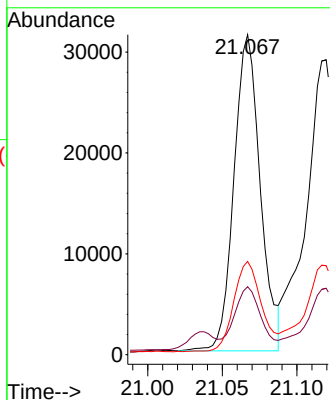
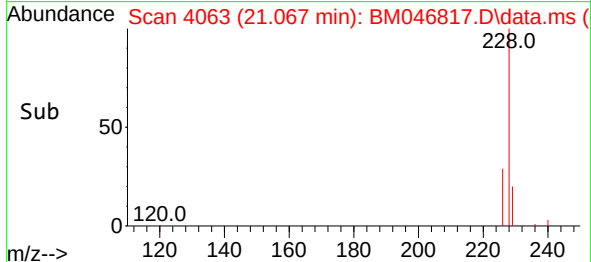
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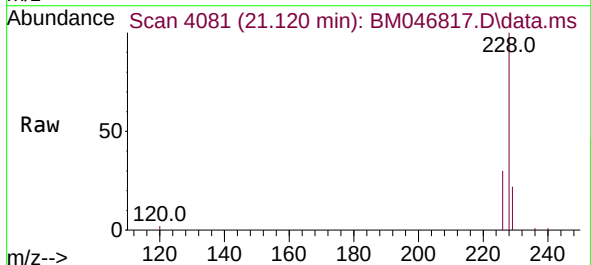
Tgt Ion:228 Resp: 3836
Ion Ratio Lower Upper
228 100
229 21.2 16.3 24.5
226 29.1 22.3 33.5

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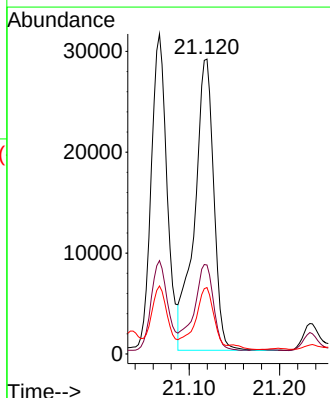
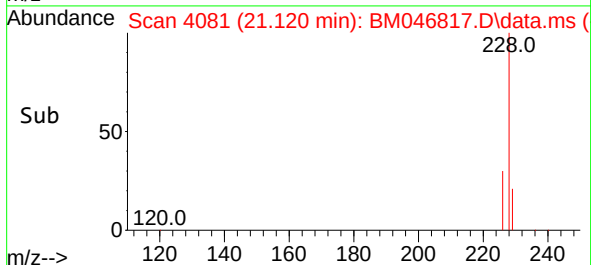
Reviewed By :Jagrut Upadhyay 07/26/2024
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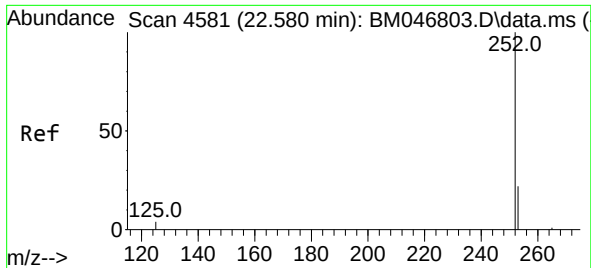


#22
Chrysene
Concen: 1.177 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42



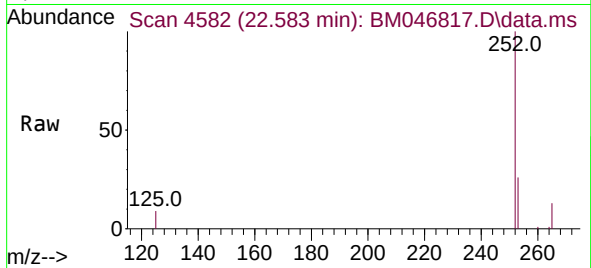
Tgt Ion:228 Resp: 42670
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.445 ng/ul m
RT: 22.583 min Scan# 4581
Delta R.T. 0.003 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

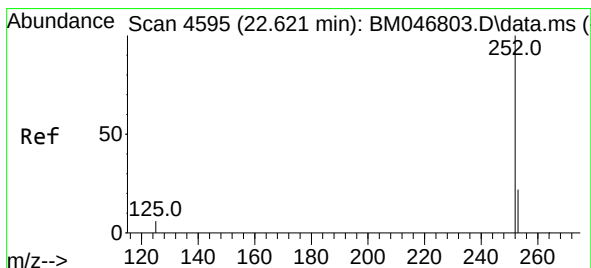
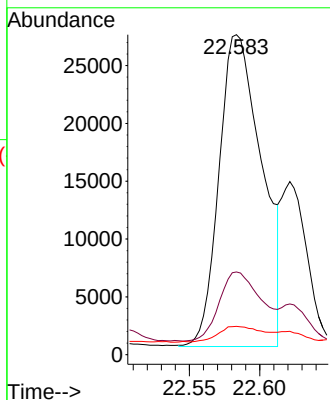
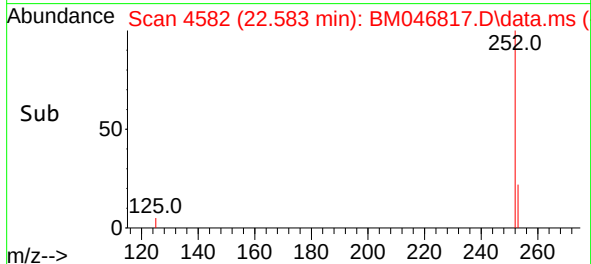
Instrument :
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ClientSampleId :
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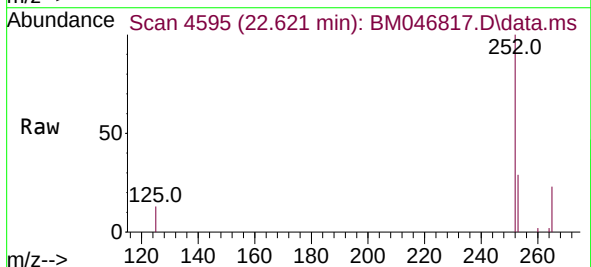
Tgt Ion:252 Resp: 5705
Ion Ratio Lower Upper
252 100
253 25.9 0.0 56.4
125 8.9 0.0 15.8

Manual Integrations
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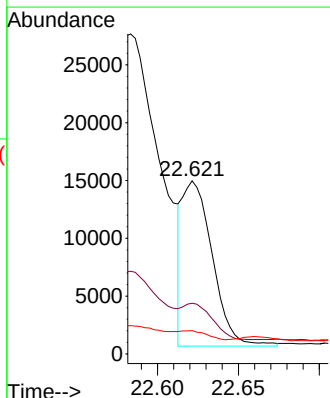
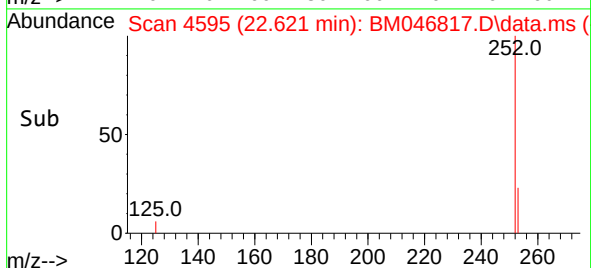
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

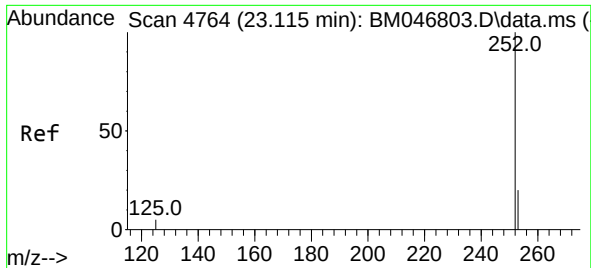


#25
Benzo(k)fluoranthene
Concen: 0.463 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42



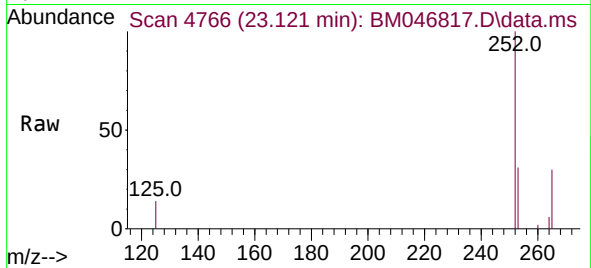
Tgt Ion:252 Resp: 18412
Ion Ratio Lower Upper
252 100
253 29.3 23.5 35.3
125 13.5 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.703 ng/ul
RT: 23.121 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42

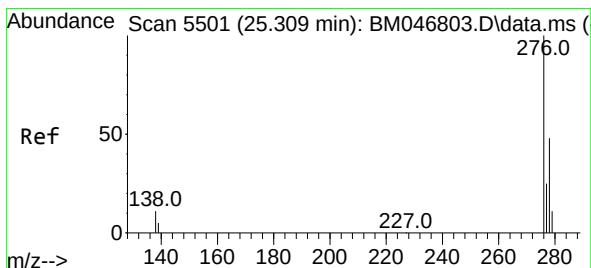
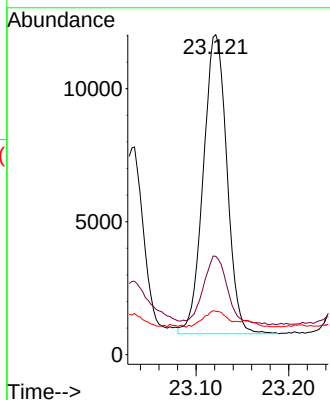
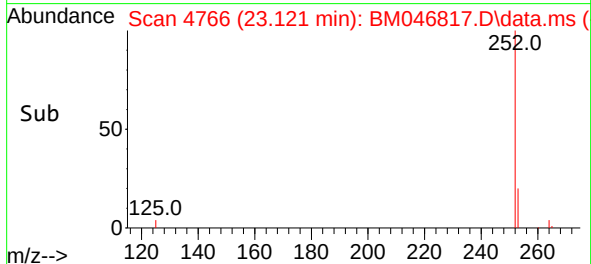
Instrument :
BNA_M
ClientSampleId :
A4BA0DL



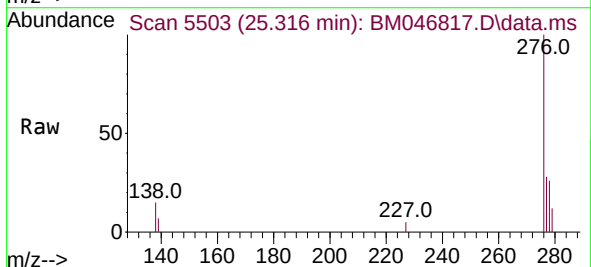
Tgt Ion:252 Resp: 1994
Ion Ratio Lower Upper
252 100
253 30.8 26.0 39.0
125 13.5 7.8 11.8

Manual Integrations
APPROVED

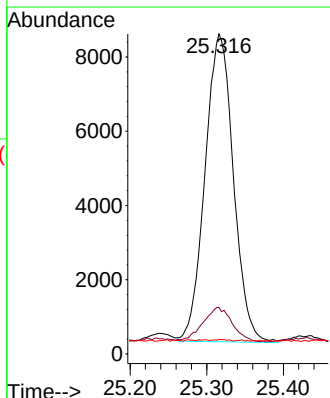
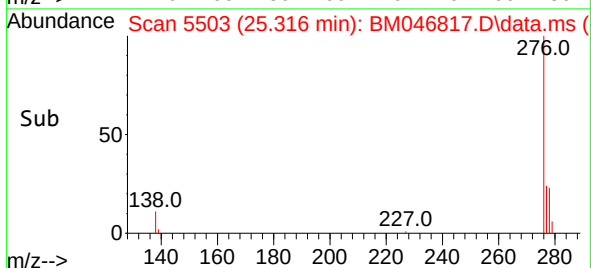
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

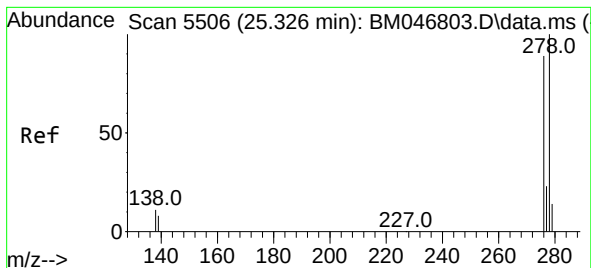


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.489 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. 0.000 min
Lab File: BM046817.D
Acq: 26 Jul 2024 01:42



Tgt Ion:276 Resp: 21341
Ion Ratio Lower Upper
276 100
138 11.7 9.7 14.5
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.203 ng/ul

RT: 25.326 min Scan# 5506

Delta R.T. -0.007 min

Lab File: BM046817.D

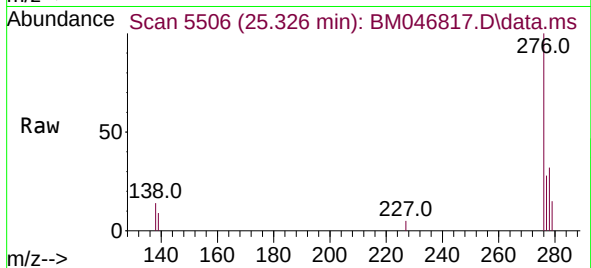
Acq: 26 Jul 2024 01:42

Instrument :

BNA_M

ClientSampleId :

A4BA0DL



Tgt Ion:278 Resp: 6478

Ion Ratio Lower Upper

278 100

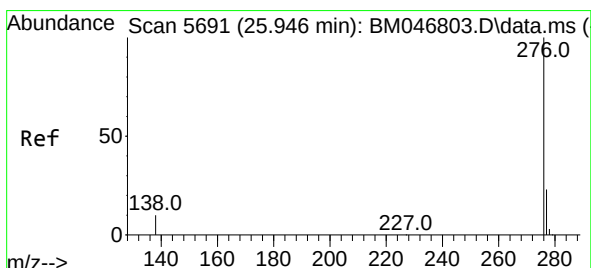
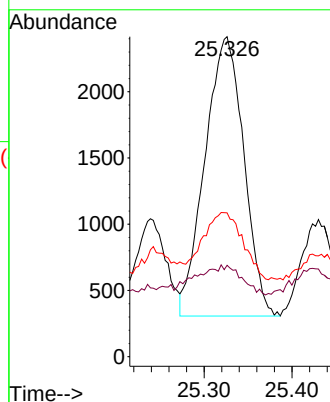
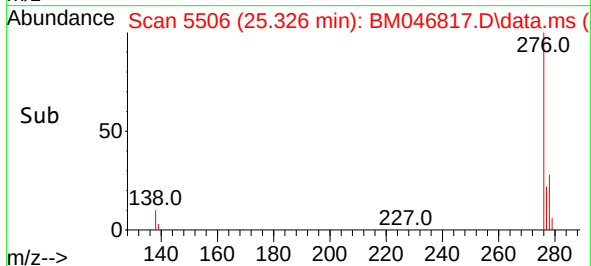
139 28.6 9.8 14.8

279 45.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.089 ng/ul

RT: 25.953 min Scan# 5693

Delta R.T. 0.000 min

Lab File: BM046817.D

Acq: 26 Jul 2024 01:42

Tgt Ion:276 Resp: 3431

Ion Ratio Lower Upper

276 100

138 32.8 9.5 14.3#

277 42.9 20.9 31.3#

