

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046417.D
 Acq On : 06 Jul 2024 13:57
 Operator : MA/JU
 Sample : P2982-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:48:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	11244	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	33552	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	20242	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	39801	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	16059	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	15266	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26503	2.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	12011	0.242	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	17902	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	6988	0.078	ng/ul	96
7) 2-Methylnaphthalene	11.975	142	4081	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.195	142	3240	0.052	ng/ul	99
10) Acenaphthylene	13.899	152	21702	0.211	ng/ul	100
11) Acenaphthene	14.242	153	9971	0.149	ng/ul	98
12) Fluorene	15.236	166	11306	0.143	ng/ul	97
15) Phenanthrene	16.971	178	196030	1.645	ng/ul	99
16) Anthracene	17.064	178	38726	0.335	ng/ul	98
19) Fluoranthene	19.001	202	256189	3.156	ng/ul	97
20) Pyrene	19.363	202	238265	2.853	ng/ul#	95
21) Benzo(a)anthracene	21.123	228	89360	1.245	ng/ul	94
22) Chrysene	21.175	228	81928	1.148	ng/ul	97
24) Benzo(b)fluoranthene	22.660	252	88163m	1.358	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	29834m	0.455	ng/ul	
26) Benzo(a)pyrene	23.206	252	65643	1.280	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.440	276	45405	0.655	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.454	278	10852	0.202	ng/ul#	70
29) Benzo(g,h,i)perylene	26.084	276	46291	0.838	ng/ul	97

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

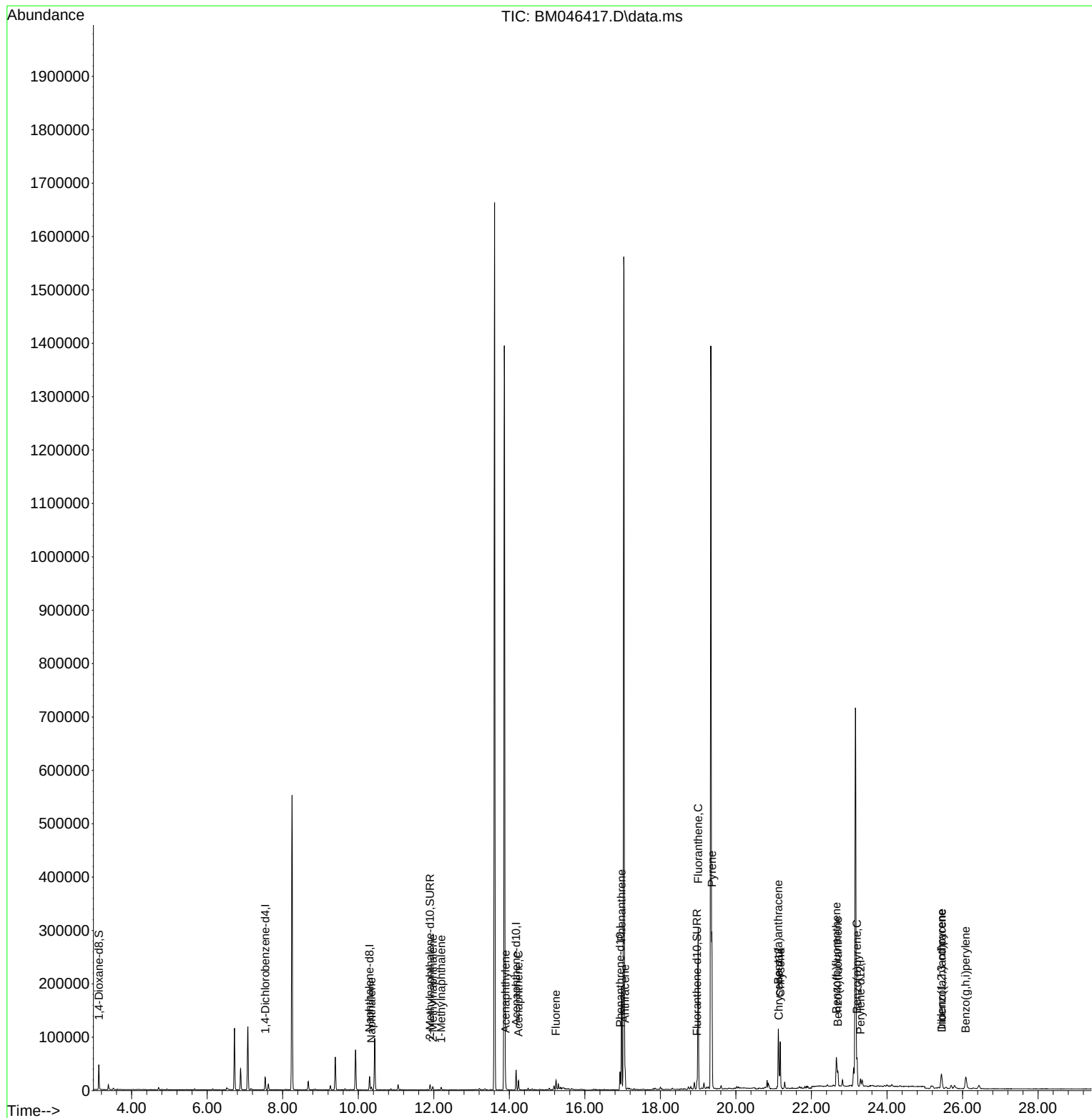
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046417.D
Acq On : 06 Jul 2024 13:57
Operator : MA/JU
Sample : P2982-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

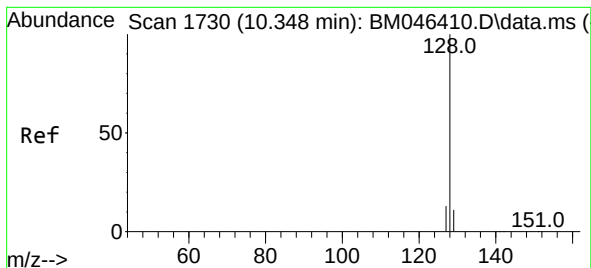
Instrument :
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Quant Time: Jul 08 00:48:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
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#5

Naphthalene

Concen: 0.078 ng/ul

RT: 10.347 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

Instrument :

BNA_M

ClientSampleId :

A4CF7

Tgt Ion:128 Resp: 698

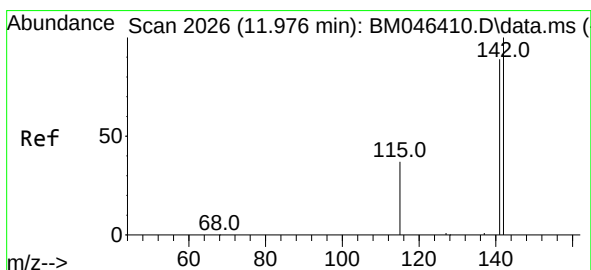
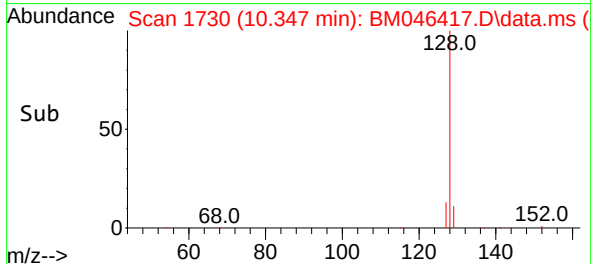
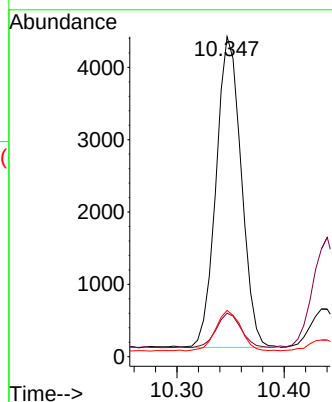
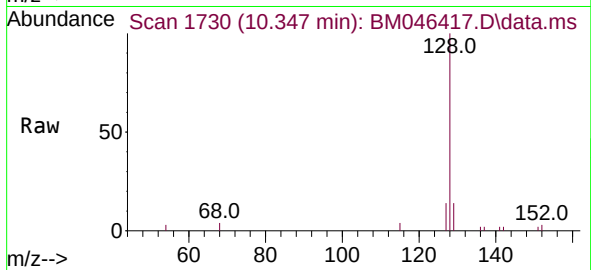
Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.4	14.0
127	14.5	10.8	16.2

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.068 ng/ul

RT: 11.975 min Scan# 2026

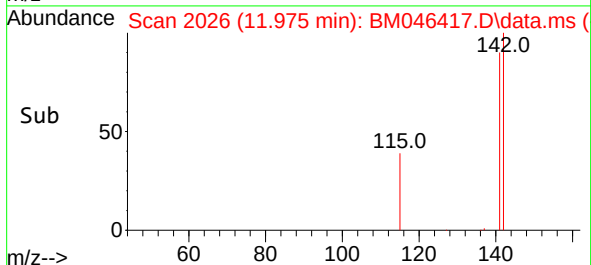
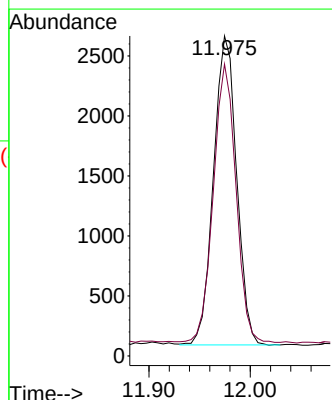
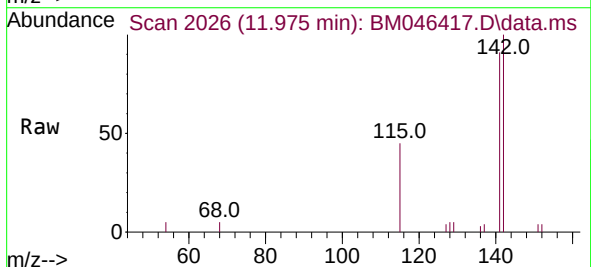
Delta R.T. -0.005 min

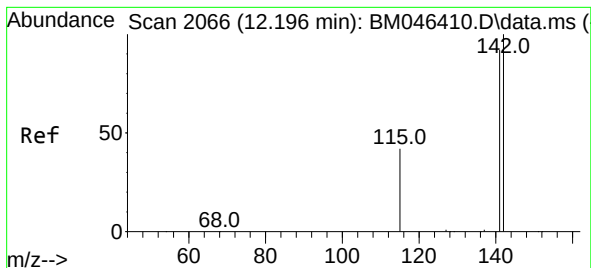
Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

Tgt Ion:142 Resp: 4081

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.8	104.6





#8

1-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.195 min Scan# 2066

Delta R.T. -0.005 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

Instrument :

BNA_M

ClientSampleId :

A4CF7

Tgt Ion:142 Resp: 3240

Ion Ratio Lower Upper

142 100

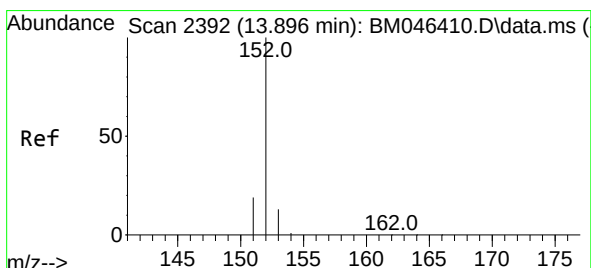
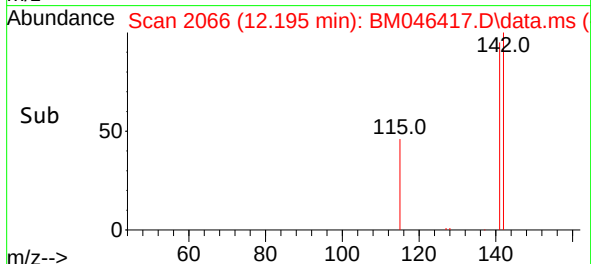
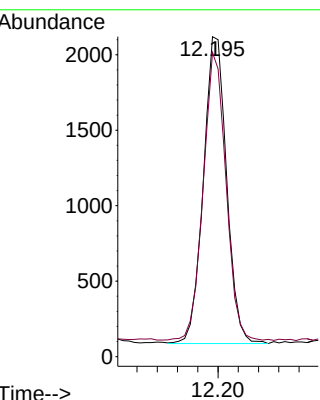
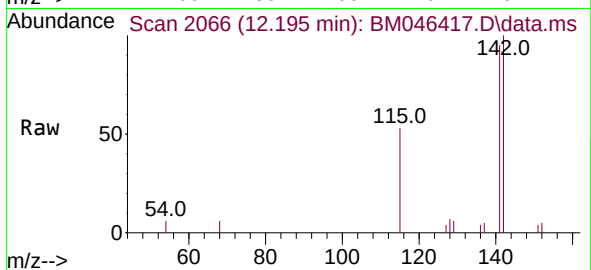
141 91.6 72.4 108.6

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#10

Acenaphthylene

Concen: 0.211 ng/ul

RT: 13.899 min Scan# 2393

Delta R.T. 0.000 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

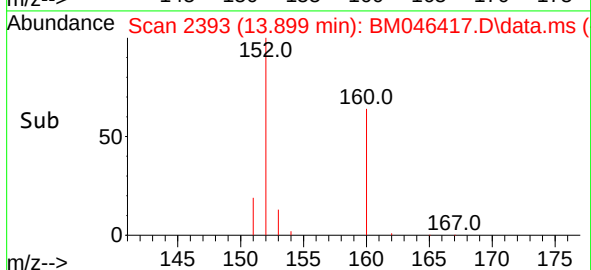
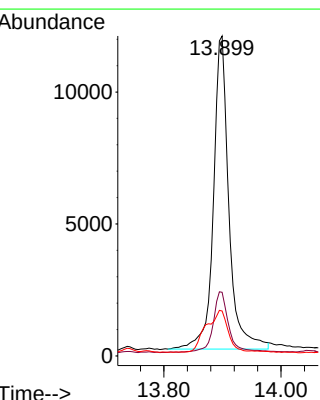
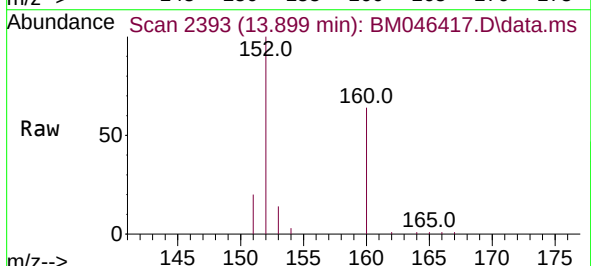
Tgt Ion:152 Resp: 21702

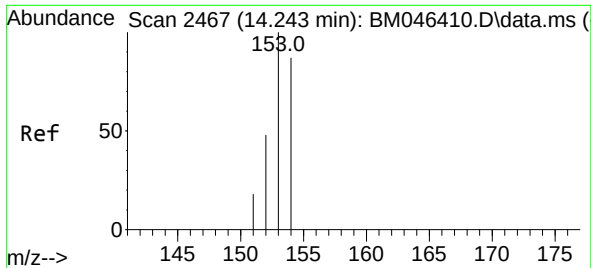
Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

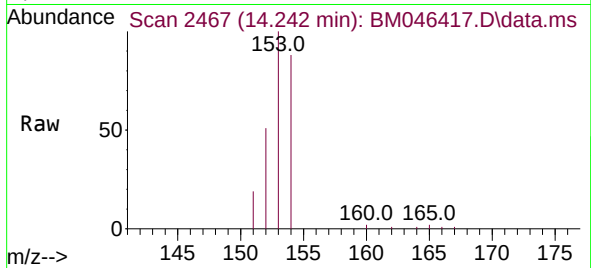
153 14.1 11.0 16.6





#11
Acenaphthene
Concen: 0.149 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

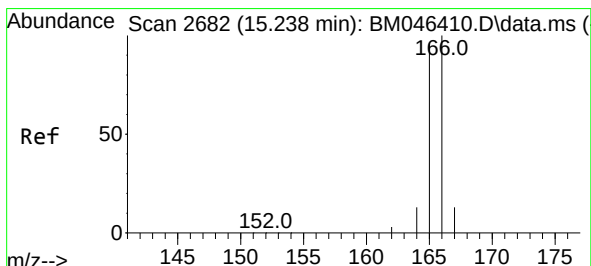
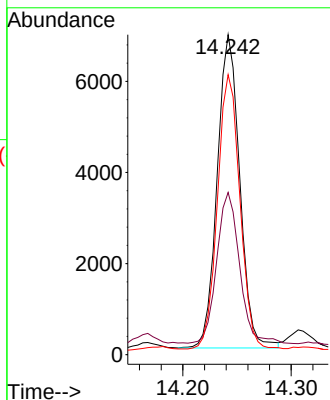
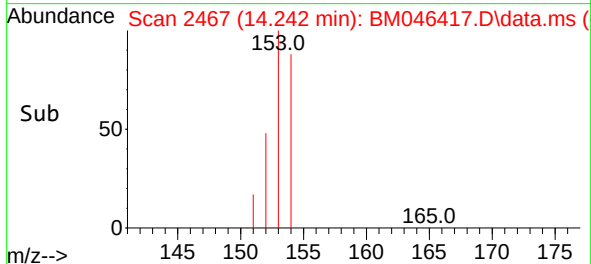
Instrument :
BNA_M
ClientSampleId :
A4CF7



Tgt Ion:153 Resp: 997
Ion Ratio Lower Upper
153 100
152 50.7 40.4 60.6
154 87.5 72.1 108.1

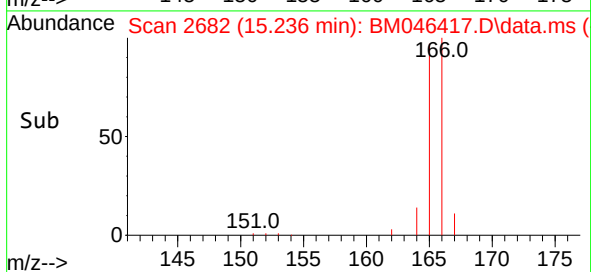
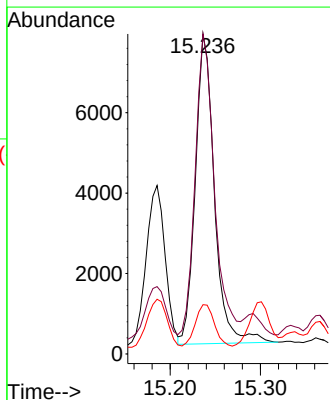
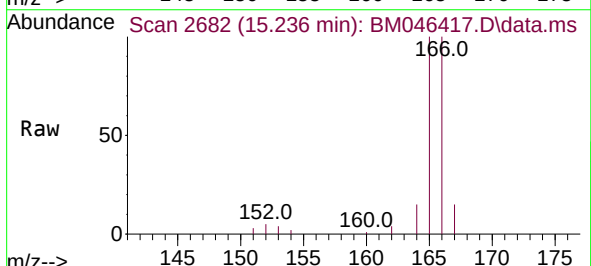
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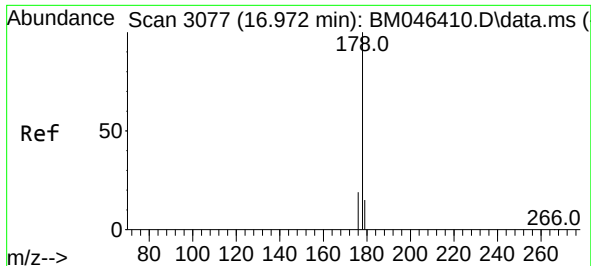
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.236 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

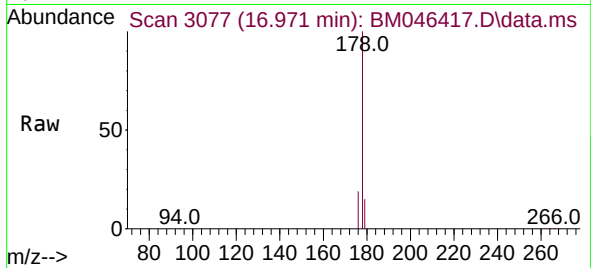
Tgt Ion:166 Resp: 11306
Ion Ratio Lower Upper
166 100
165 100.1 78.0 117.0
167 15.4 11.4 17.0





#15
Phenanthrene
Concen: 1.645 ng/u1
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

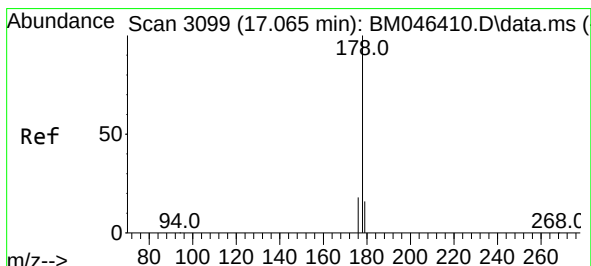
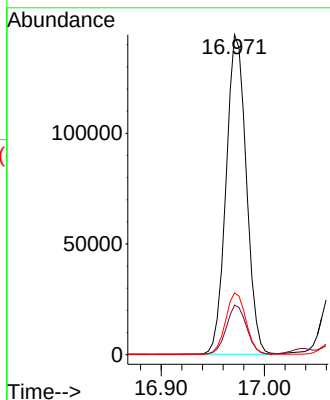
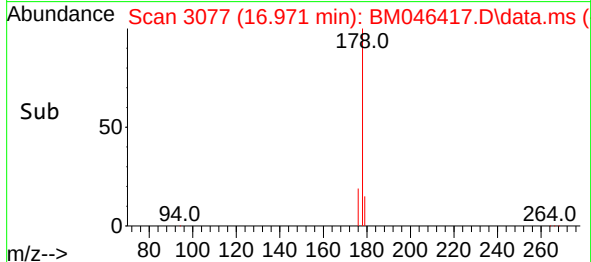
Instrument :
BNA_M
ClientSampleId :
A4CF7



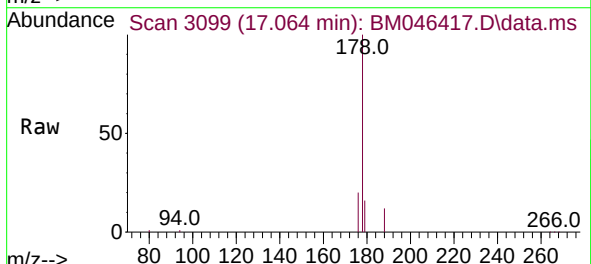
Tgt Ion:178 Resp: 196030
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 16.0 24.0

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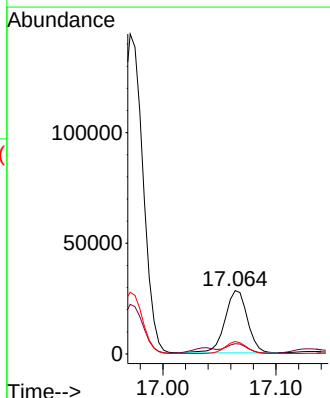
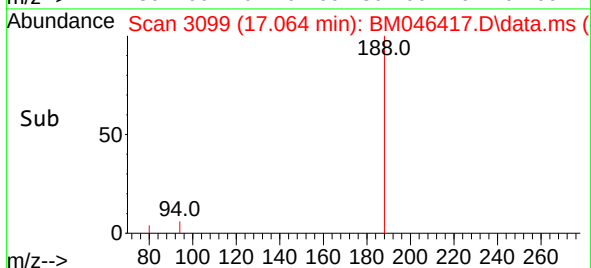
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

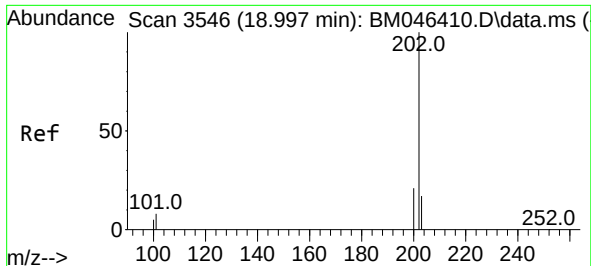


#16
Anthracene
Concen: 0.335 ng/u1
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57



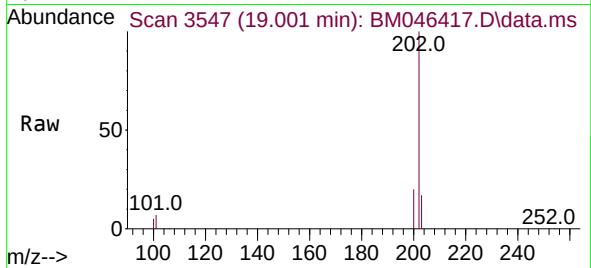
Tgt Ion:178 Resp: 38726
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.7 14.9 22.3





#19
Fluoranthene
Concen: 3.156 ng/u1
RT: 19.001 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

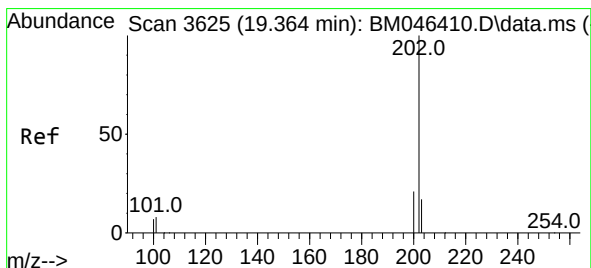
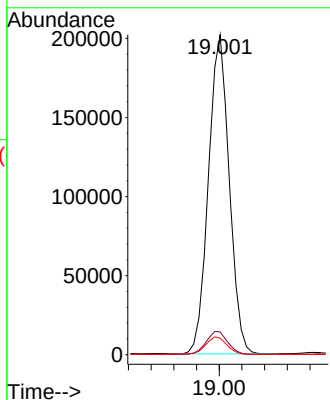
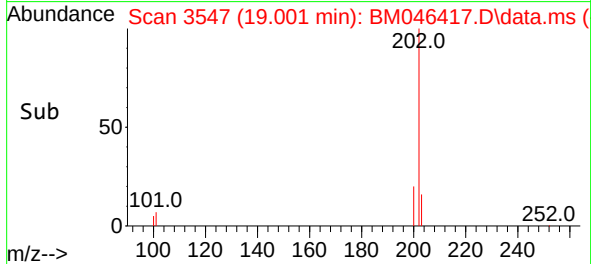
Instrument :
BNA_M
ClientSampleId :
A4CF7



Tgt Ion:202 Resp: 256189
Ion Ratio Lower Upper
202 100
101 7.1 6.3 9.5
100 5.2 5.0 7.6

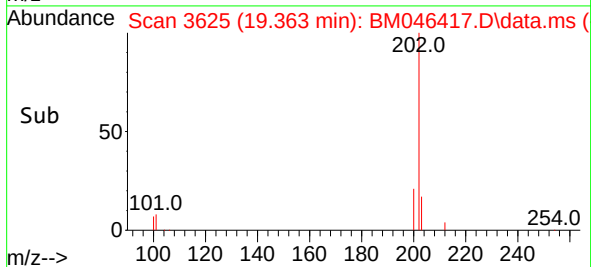
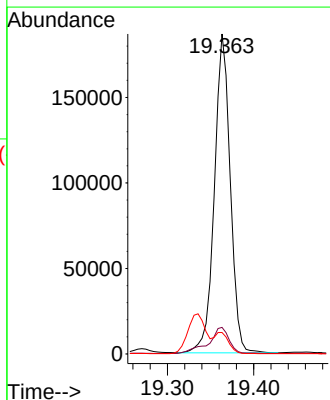
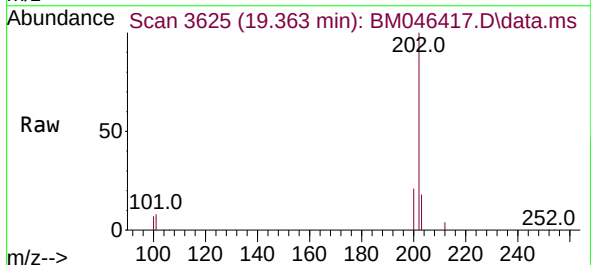
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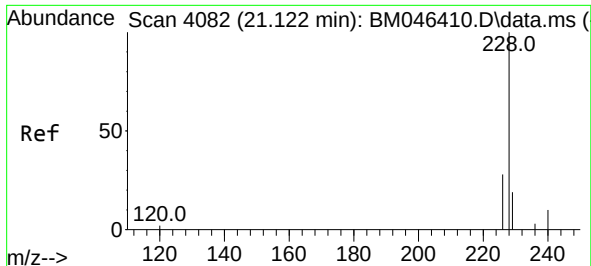
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 2.853 ng/u1
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

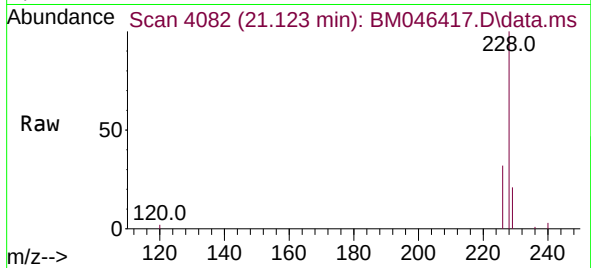
Tgt Ion:202 Resp: 238265
Ion Ratio Lower Upper
202 100
101 8.3 8.2 12.4
100 6.7 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 1.245 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

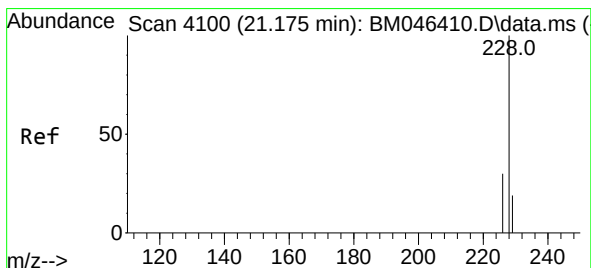
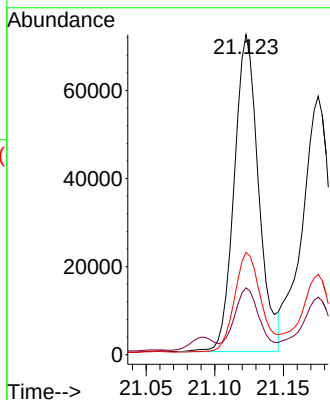
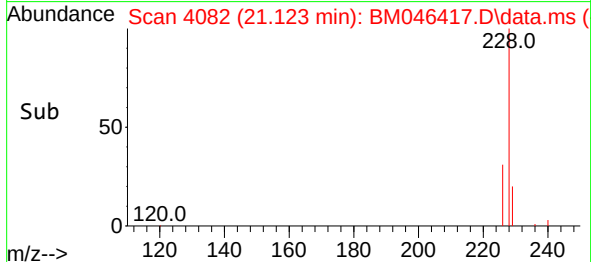
Instrument :
BNA_M
ClientSampleId :
A4CF7



Tgt Ion:228 Resp: 89360
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 31.9 22.0 33.0

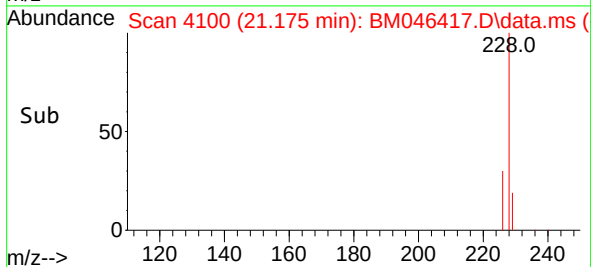
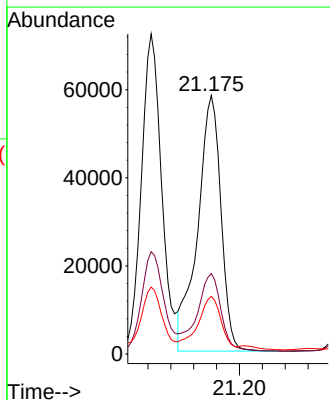
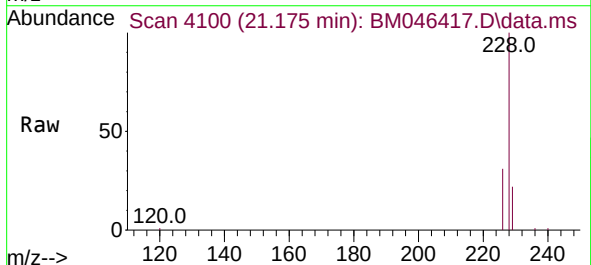
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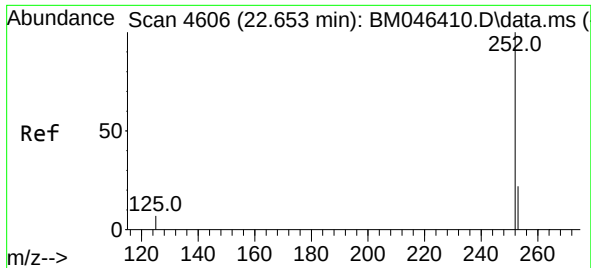
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.148 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

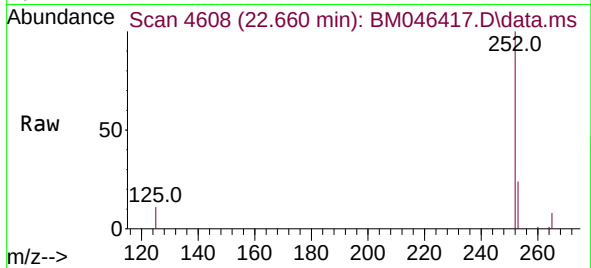
Tgt Ion:228 Resp: 81928
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.358 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

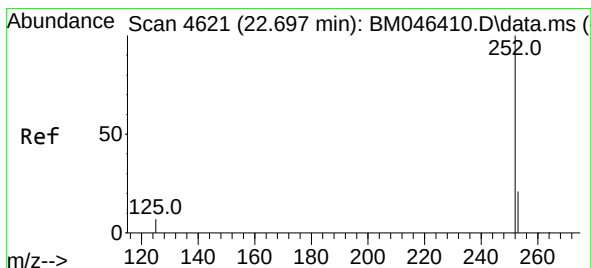
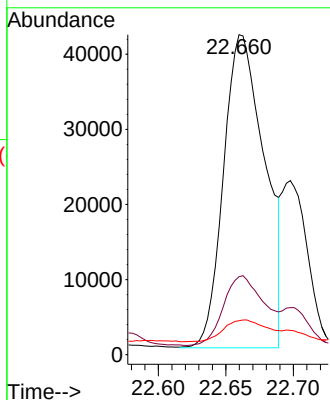
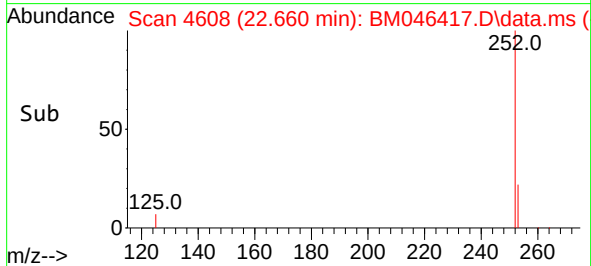
Instrument :
BNA_M
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A4CF7



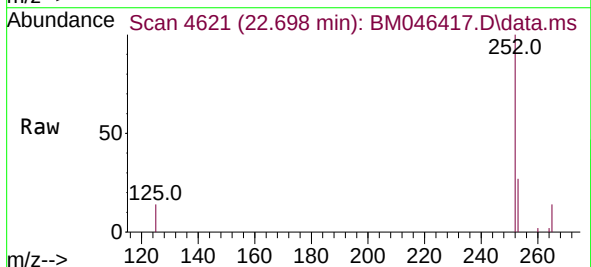
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Ion Ratio Lower Upper
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253 24.3 0.0 47.0
125 10.6 0.0 18.4

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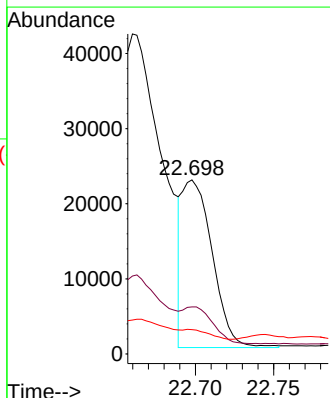
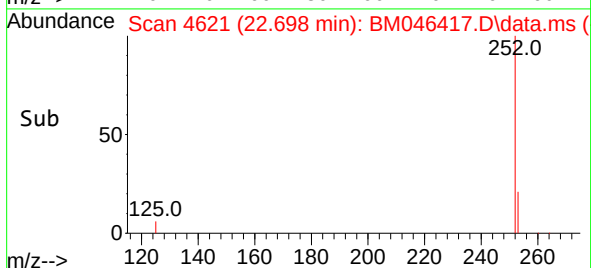
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

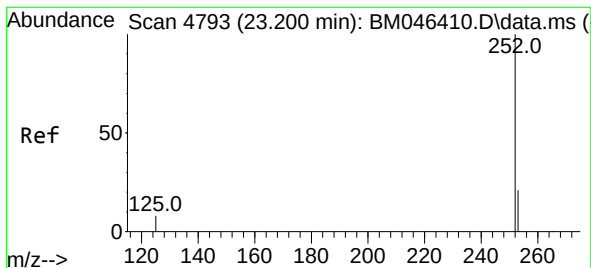


#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul m
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57



Tgt Ion:252 Resp: 29834
Ion Ratio Lower Upper
252 100
253 27.1 18.4 27.6
125 14.0 7.5 11.3#





#26

Benzo(a)pyrene

Concen: 1.280 ng/ul

RT: 23.206 min Scan# 4795

Delta R.T. -0.003 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

Instrument :

BNA_M

ClientSampleId :

A4CF7

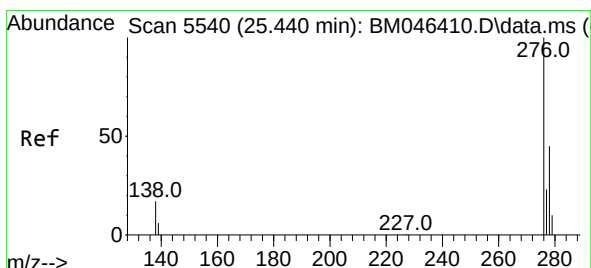
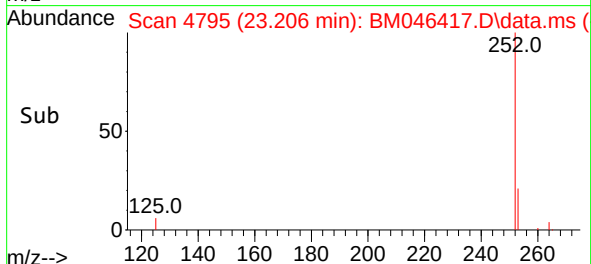
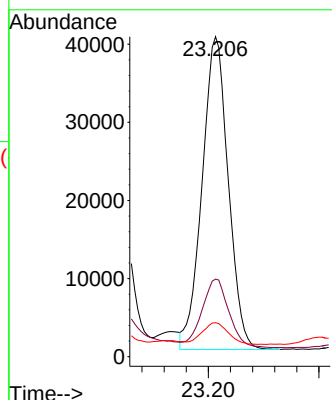
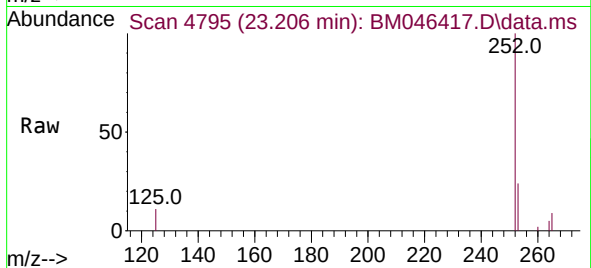
Tgt Ion:	252	Resp:	6564
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.9	28.3
125	10.6	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.655 ng/ul

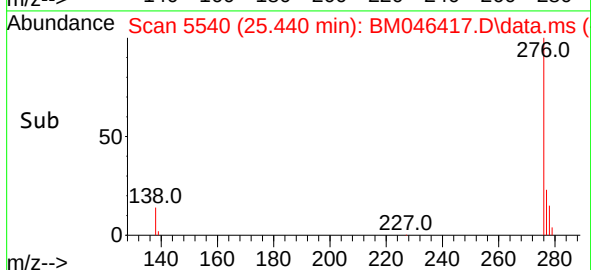
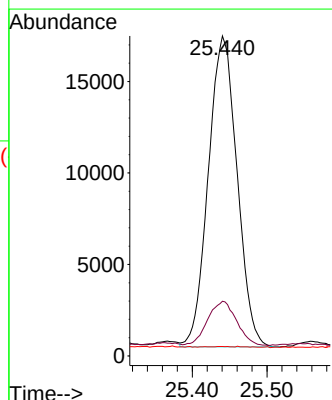
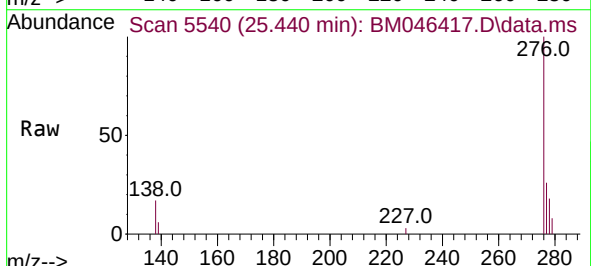
RT: 25.440 min Scan# 5540

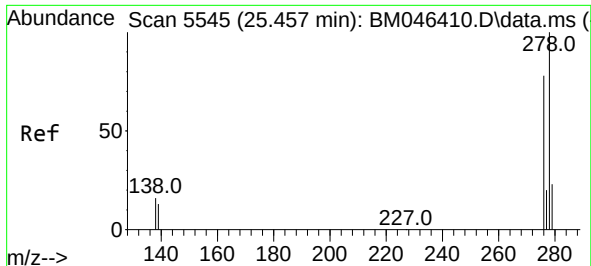
Delta R.T. -0.007 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

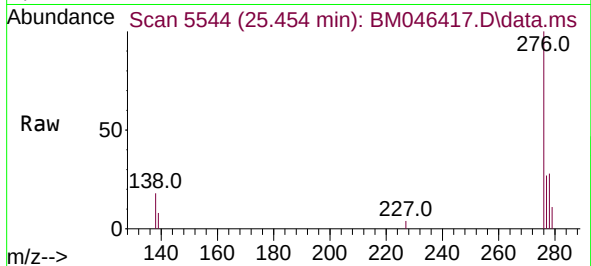
Tgt Ion:	276	Resp:	45405
Ion Ratio	Lower	Upper	
276	100		
138	14.4	15.7	23.5#
227	0.1	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.202 ng/ul
RT: 25.454 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

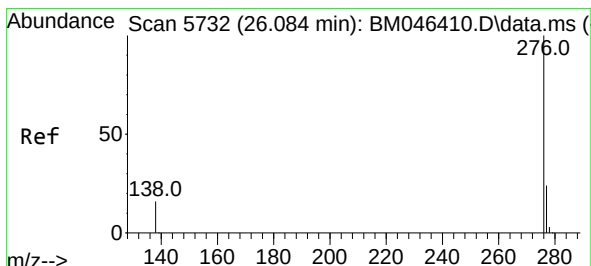
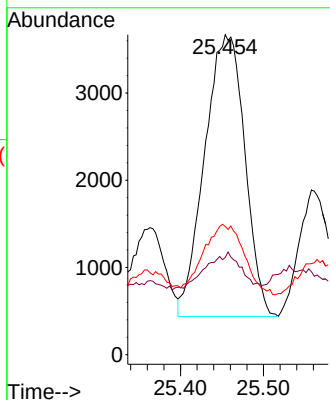
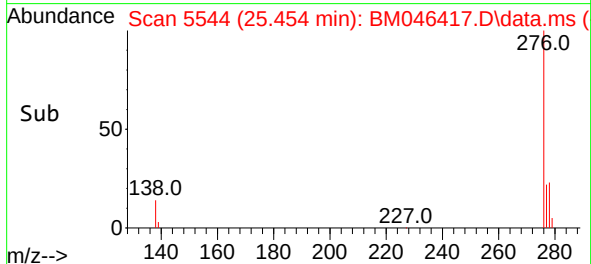
Instrument :
BNA_M
ClientSampleId :
A4CF7



Tgt Ion:278 Resp: 10852
Ion Ratio Lower Upper
278 100
139 30.4 12.6 18.8
279 40.0 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.838 ng/ul
RT: 26.084 min Scan# 5732
Delta R.T. -0.007 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

Tgt Ion:276 Resp: 46291
Ion Ratio Lower Upper
276 100
138 17.5 15.4 23.0
277 26.1 19.7 29.5

