

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046414.D
 Acq On : 06 Jul 2024 12:07
 Operator : MA/JU
 Sample : P2982-17
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB8

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 00:48:01 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	12367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	36333	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	21140	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	38044	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	15634	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	16486	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	25617	2.005	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	11069	0.206	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	14232	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	18237	0.189	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	6556	0.101	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	5004	0.074	ng/ul	97
10) Acenaphthylene	13.896	152	30409	0.283	ng/ul	99
11) Acenaphthene	14.243	153	17673	0.253	ng/ul	98
12) Fluorene	15.238	166	23038	0.279	ng/ul	97
15) Phenanthrene	16.972	178	328634	2.885	ng/ul	99
16) Anthracene	17.065	178	59944	0.542	ng/ul	99
19) Fluoranthene	18.997	202	430938	5.453	ng/ul	99
20) Pyrene	19.365	202	327745	4.031	ng/ul#	95
21) Benzo(a)anthracene	21.122	228	137249	1.965	ng/ul	93
22) Chrysene	21.175	228	139466	2.008	ng/ul	96
24) Benzo(b)fluoranthene	22.662	252	175704m	2.507	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	57524m	0.813	ng/ul	
26) Benzo(a)pyrene	23.206	252	117025	2.112	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.443	276	89770	1.199	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.457	278	21142	0.365	ng/ul#	84
29) Benzo(g,h,i)perylene	26.091	276	89496	1.500	ng/ul	98

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

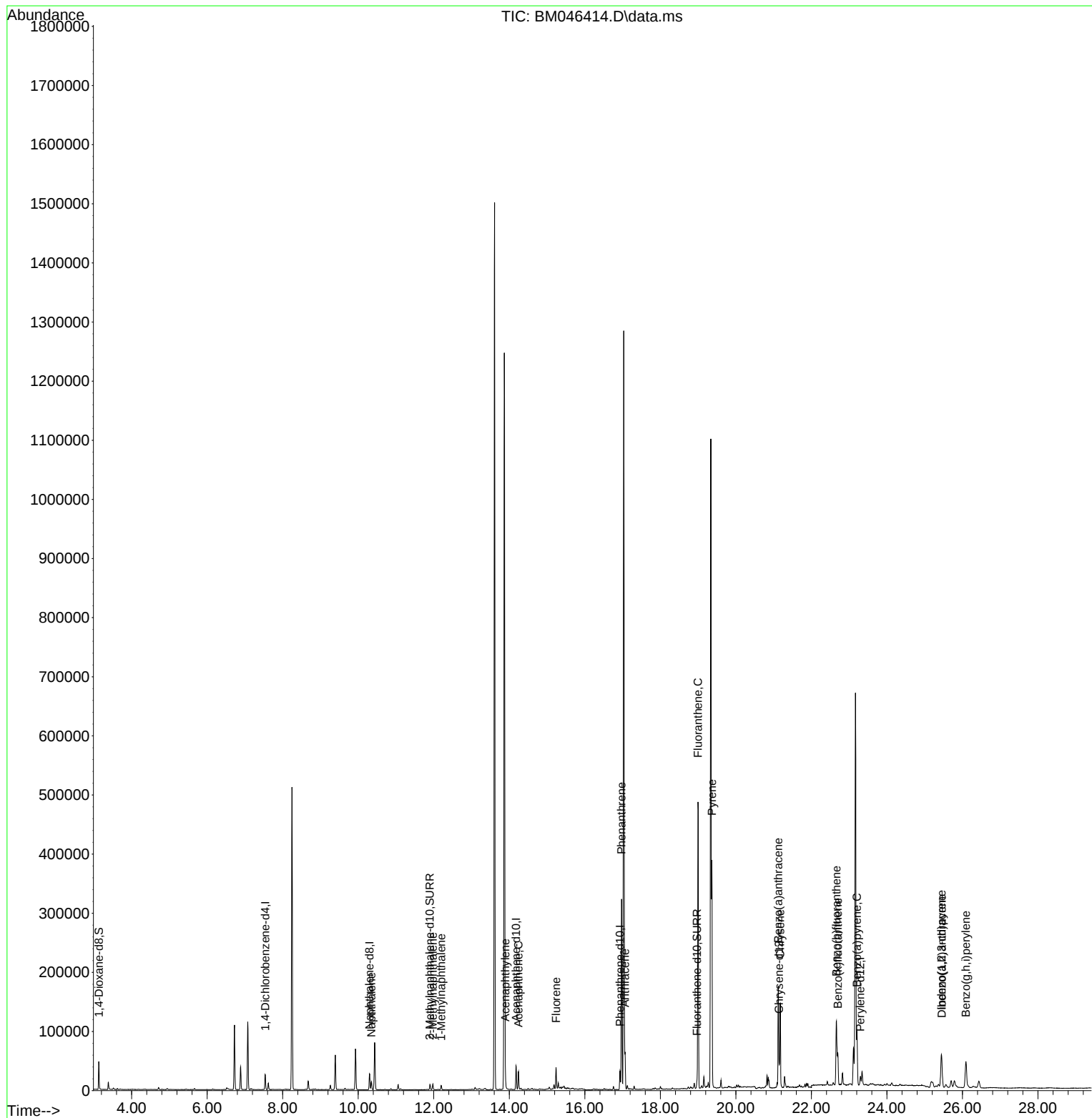
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046414.D
Acq On : 06 Jul 2024 12:07
Operator : MA/JU
Sample : P2982-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

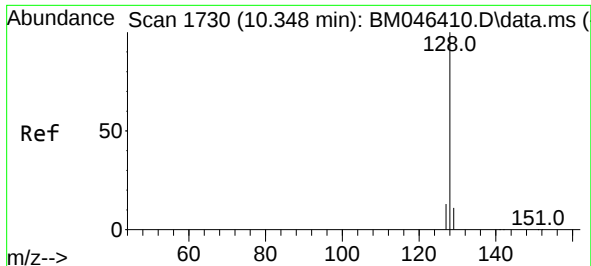
Instrument :
BNA_M
ClientSampleId :
A4BB8

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Supervised By :mohammad ahmed 07/08/2024

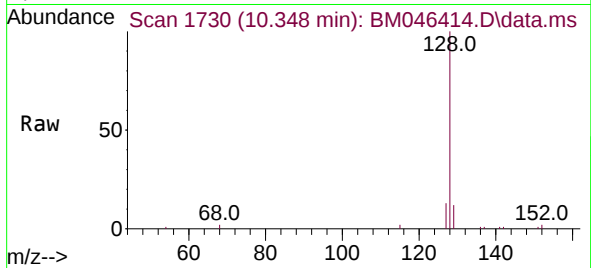
Quant Time: Jul 08 00:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

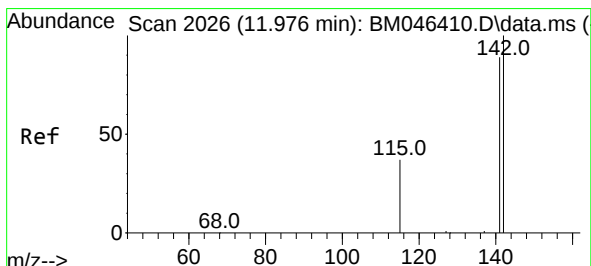
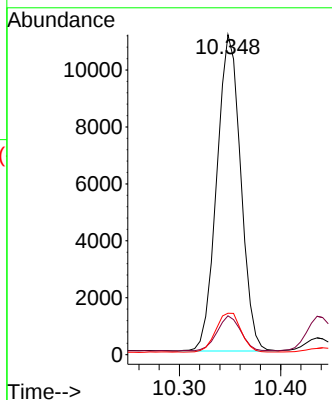
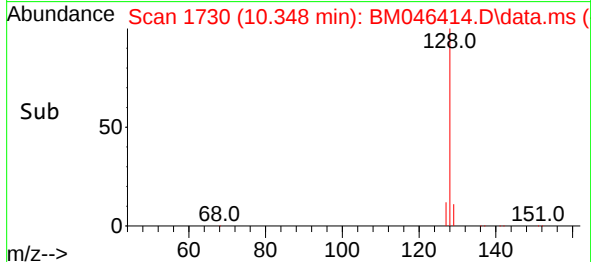
Instrument :
BNA_M
ClientSampleId :
A4BB8



Tgt Ion:128 Resp: 1823
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 12.9 10.8 16.2

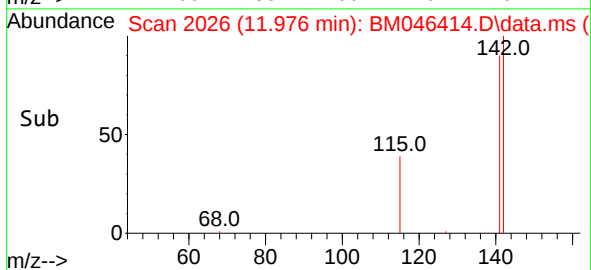
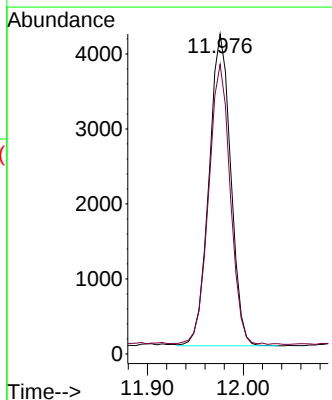
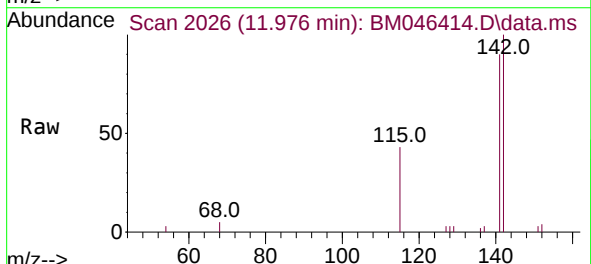
Manual Integrations
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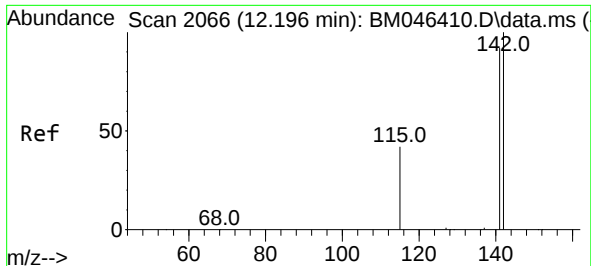
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

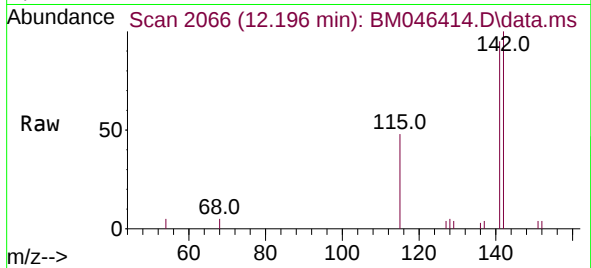
Tgt Ion:142 Resp: 6556
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

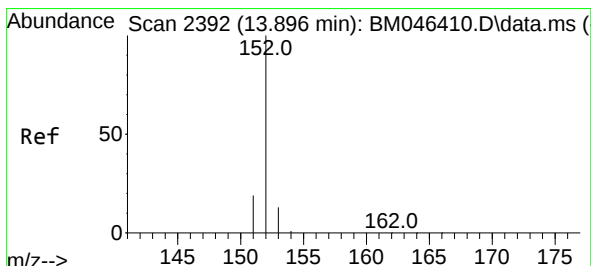
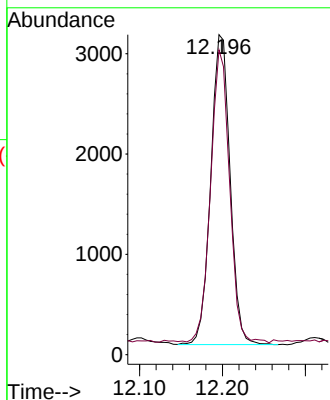
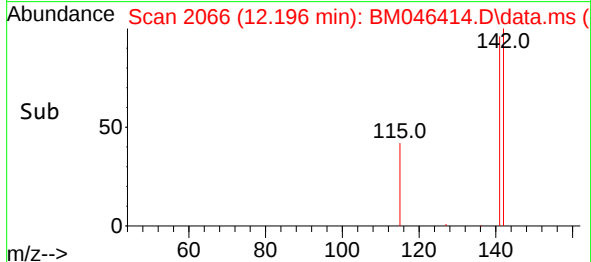
Instrument :
BNA_M
ClientSampleId :
A4BB8



Tgt Ion:142 Resp: 5004
Ion Ratio Lower Upper
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141 93.0 72.4 108.6

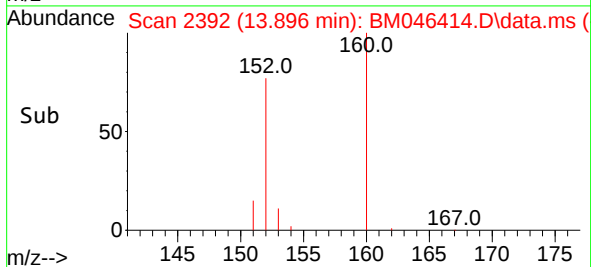
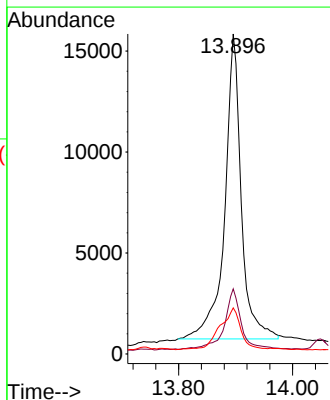
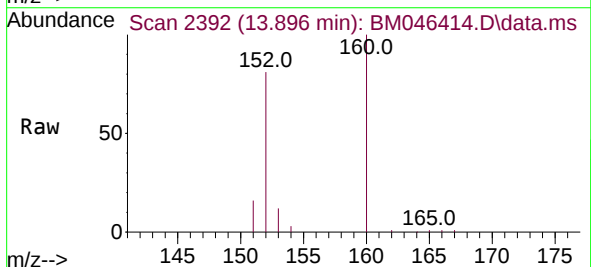
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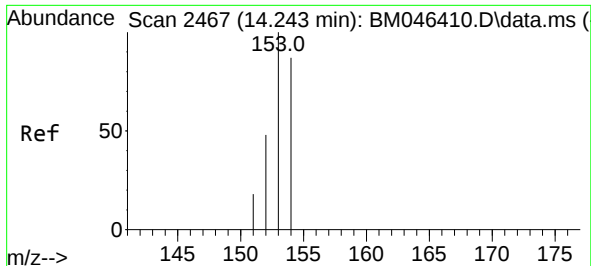
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

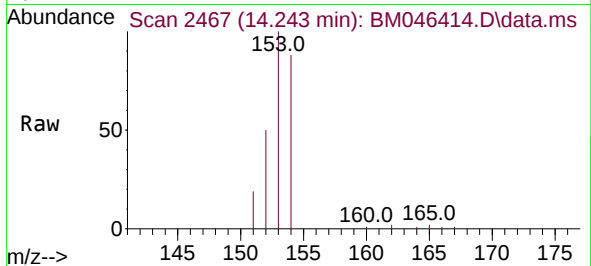
Tgt Ion:152 Resp: 30409
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 14.4 11.0 16.6





#11
Acenaphthene
Concen: 0.253 ng/u1
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

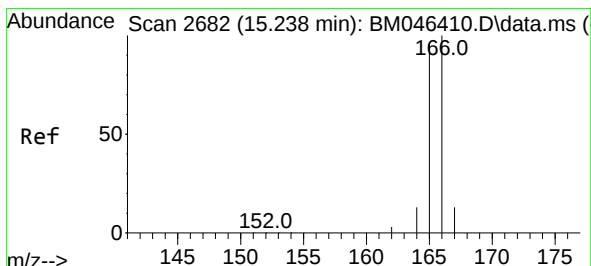
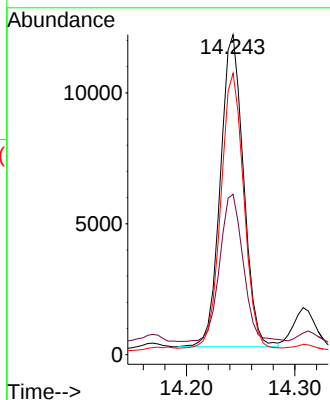
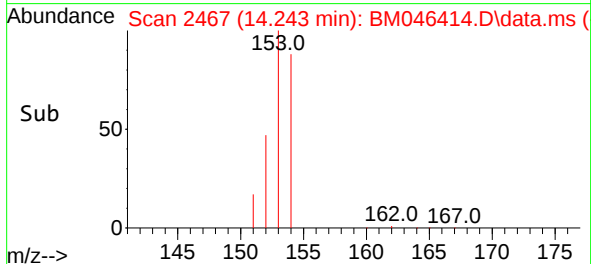
Instrument :
BNA_M
ClientSampleId :
A4BB8



Tgt Ion:153 Resp: 1767
Ion Ratio Lower Upper
153 100
152 50.1 40.4 60.6
154 88.0 72.1 108.1

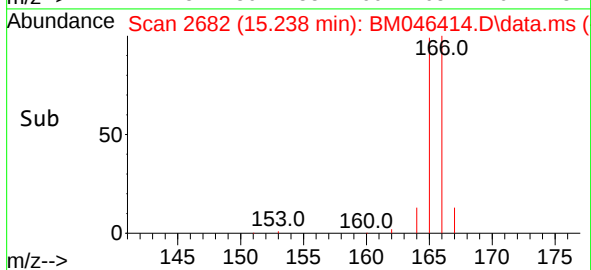
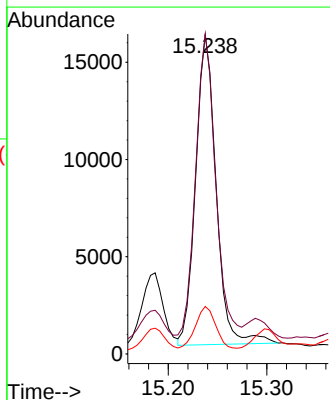
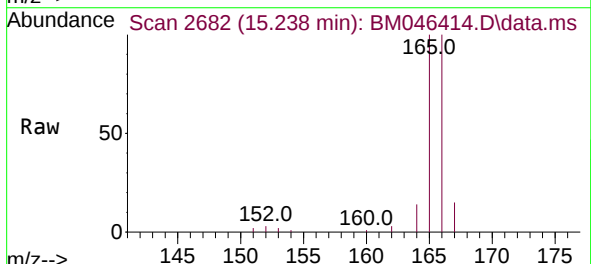
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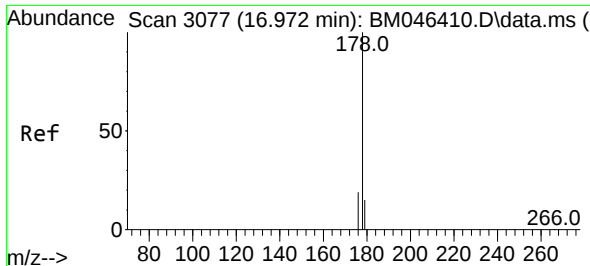
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.279 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

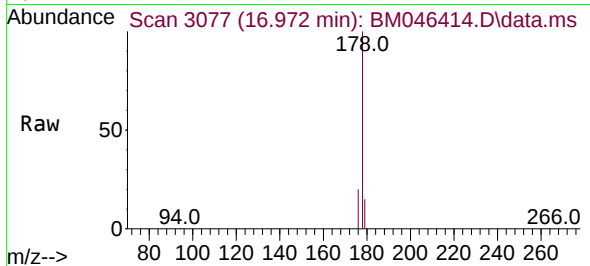
Tgt Ion:166 Resp: 23038
Ion Ratio Lower Upper
166 100
165 100.3 78.0 117.0
167 14.9 11.4 17.0





#15
Phenanthrene
Concen: 2.885 ng/u1
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

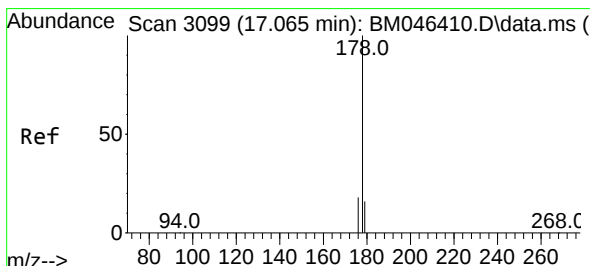
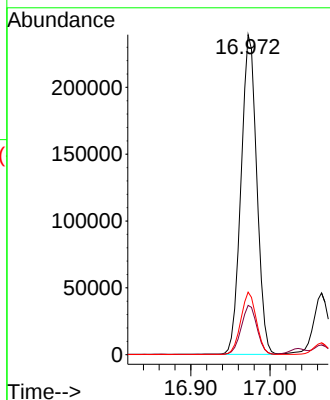
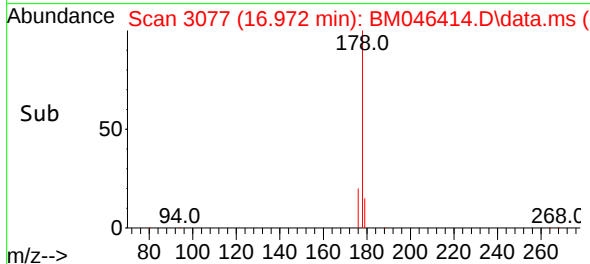
Instrument :
BNA_M
ClientSampleId :
A4BB8



Tgt Ion:178 Resp: 328634
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.6 16.0 24.0

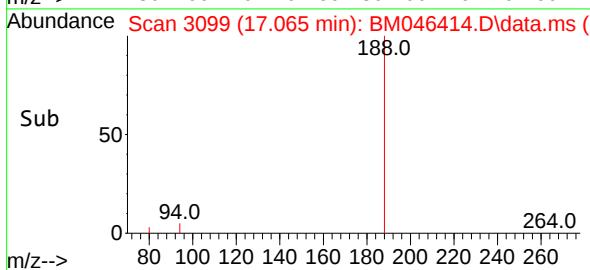
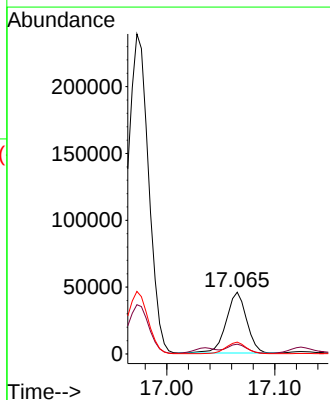
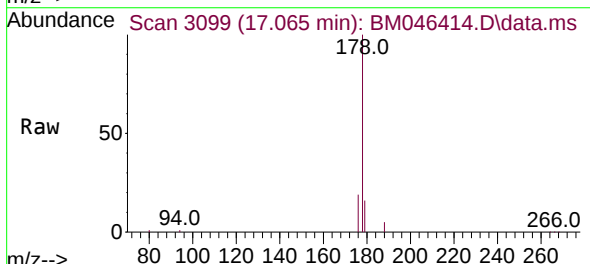
Manual Integrations
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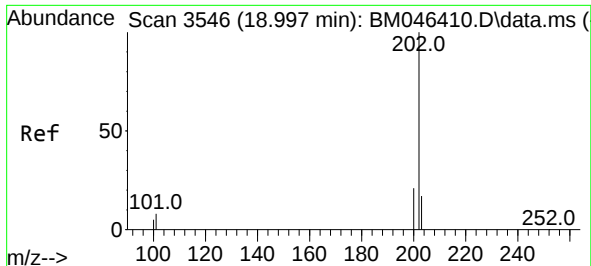
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.542 ng/u1
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

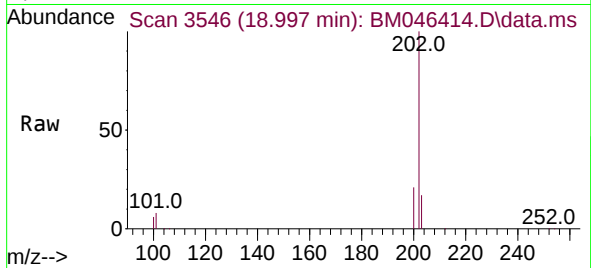
Tgt Ion:178 Resp: 59944
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.1 14.9 22.3





#19
Fluoranthene
Concen: 5.453 ng/ul
RT: 18.997 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

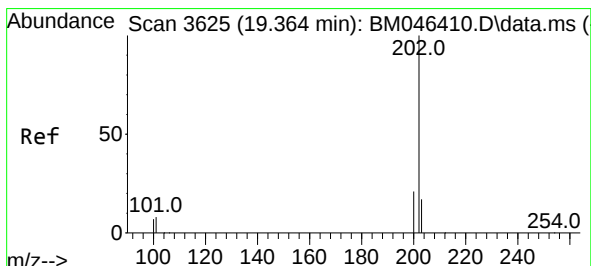
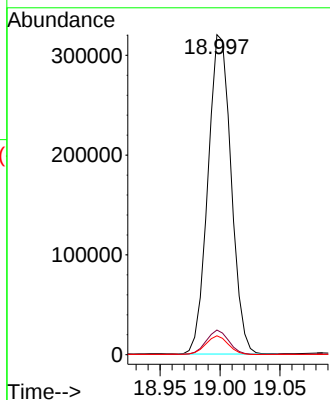
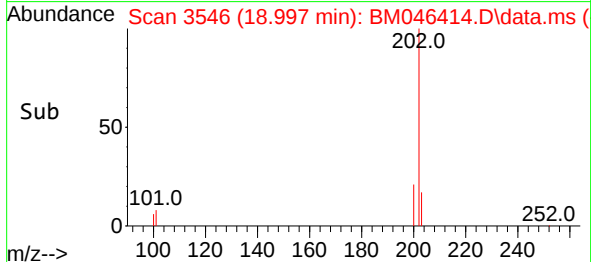
Instrument :
BNA_M
ClientSampleId :
A4BB8



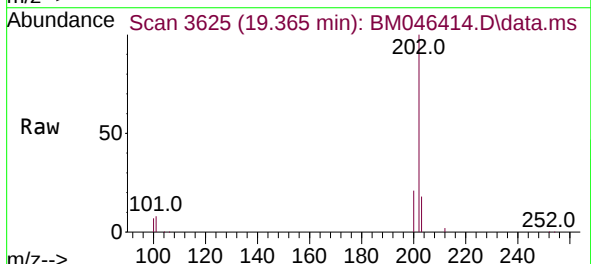
Tgt Ion:202 Resp: 430938
Ion Ratio Lower Upper
202 100
101 7.7 6.3 9.5
100 5.9 5.0 7.6

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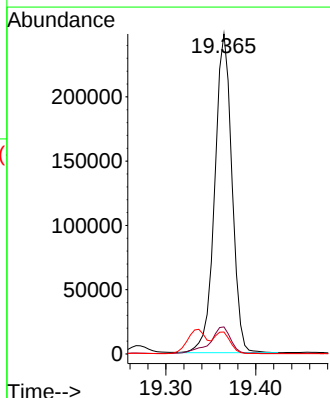
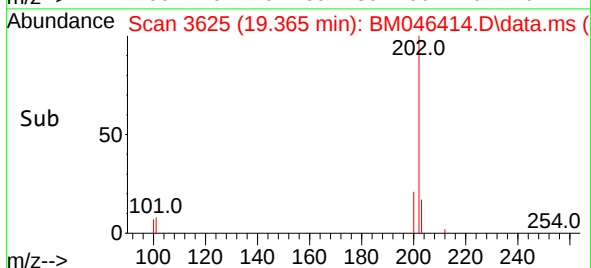
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

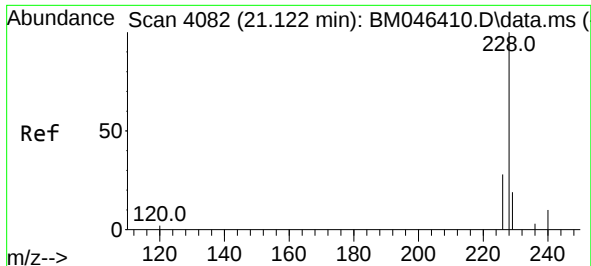


#20
Pyrene
Concen: 4.031 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07



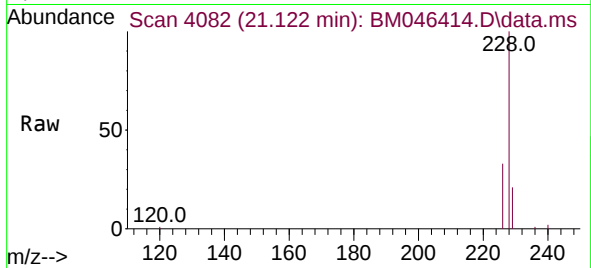
Tgt Ion:202 Resp: 327745
Ion Ratio Lower Upper
202 100
101 8.5 8.2 12.4
100 6.9 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 1.965 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

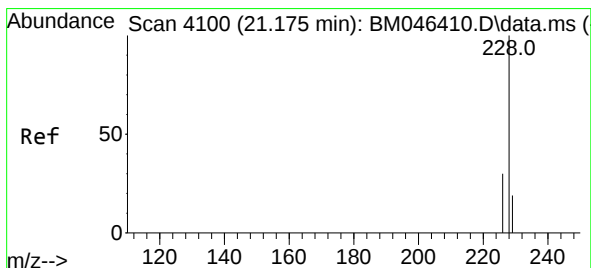
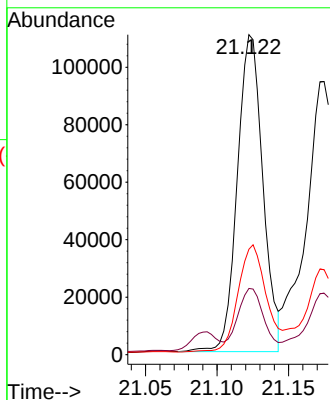
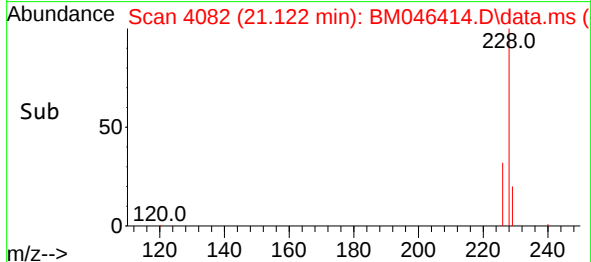
Instrument :
BNA_M
ClientSampleId :
A4BB8



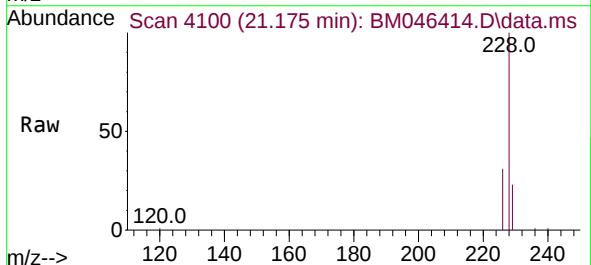
Tgt Ion:228 Resp: 137249
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 33.0 22.0 33.0

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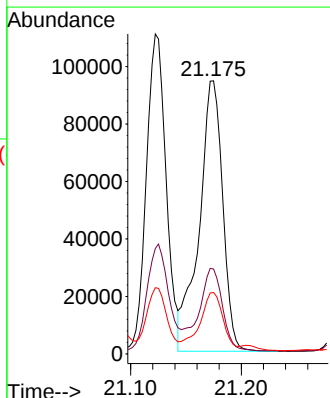
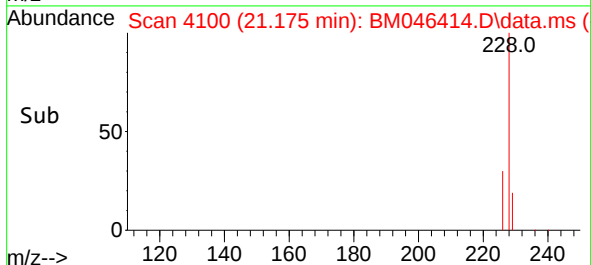
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

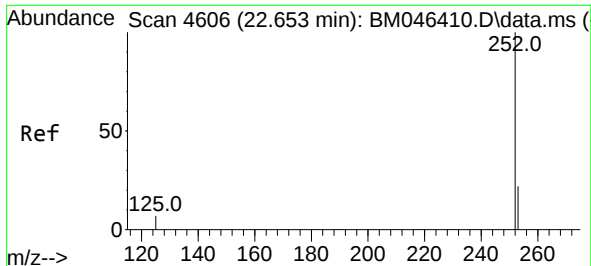


#22
Chrysene
Concen: 2.008 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07



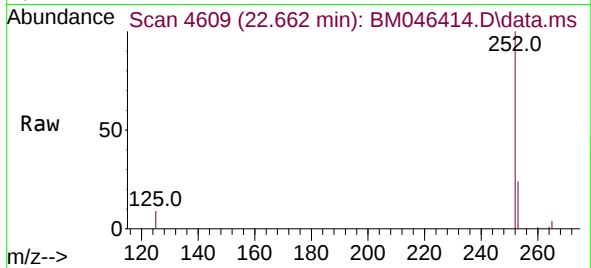
Tgt Ion:228 Resp: 139466
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.507 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

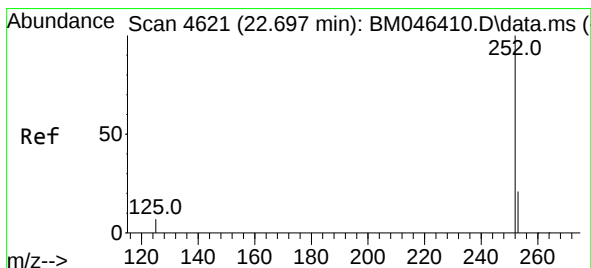
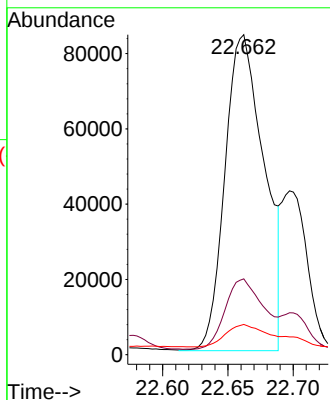
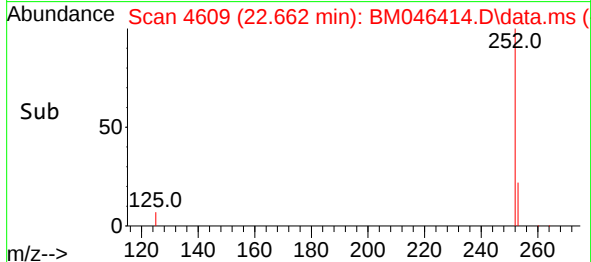
Instrument :
BNA_M
ClientSampleId :
A4BB8



Tgt Ion:252 Resp: 175704
Ion Ratio Lower Upper
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253 23.7 0.0 47.0
125 9.4 0.0 18.4

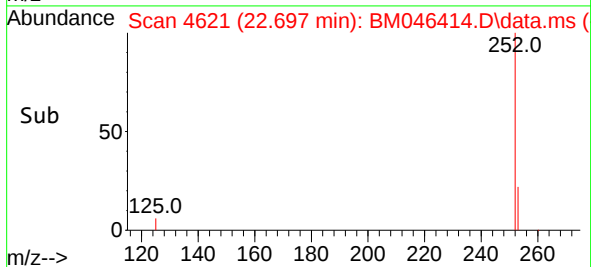
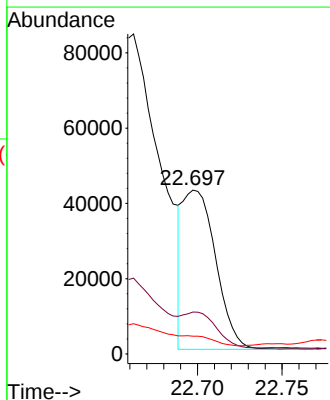
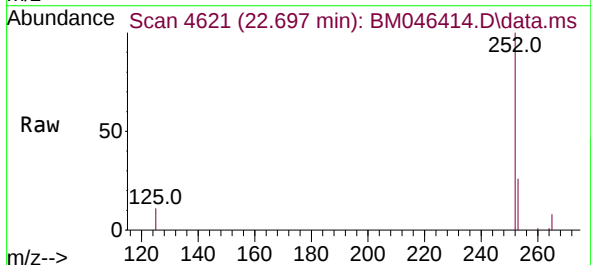
Manual Integrations
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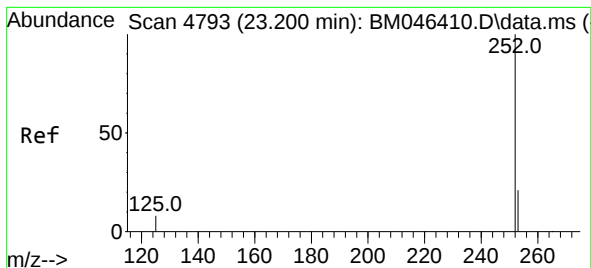
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.813 ng/ul m
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

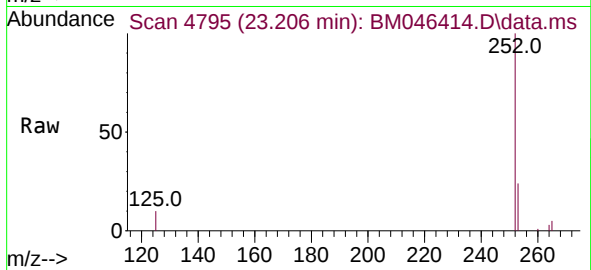
Tgt Ion:252 Resp: 57524
Ion Ratio Lower Upper
252 100
253 25.6 18.4 27.6
125 10.8 7.5 11.3





#26
Benzo(a)pyrene
Concen: 2.112 ng/ul
RT: 23.206 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

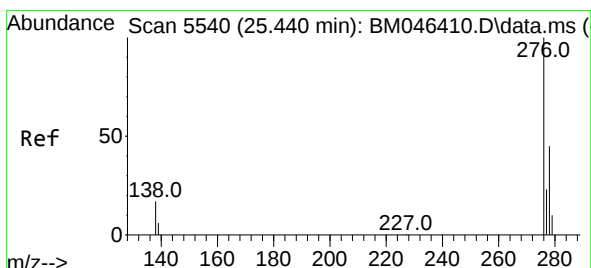
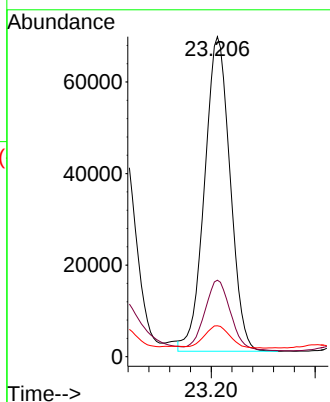
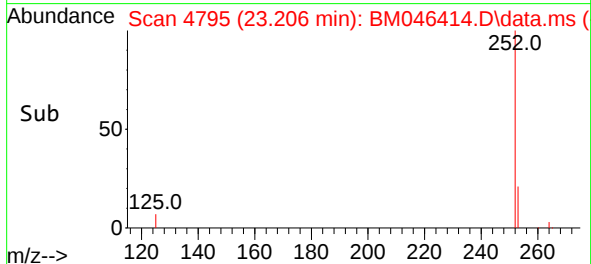
Instrument :
BNA_M
ClientSampleId :
A4BB8



Tgt Ion:252 Resp: 117025
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 9.7 8.1 12.1

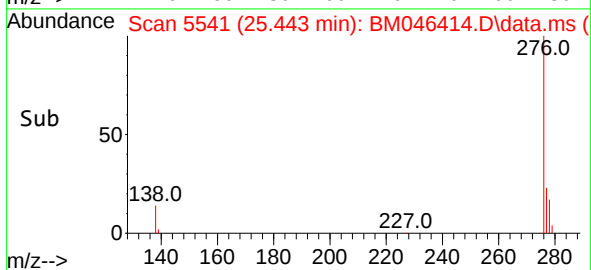
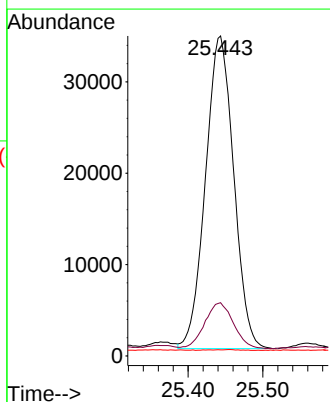
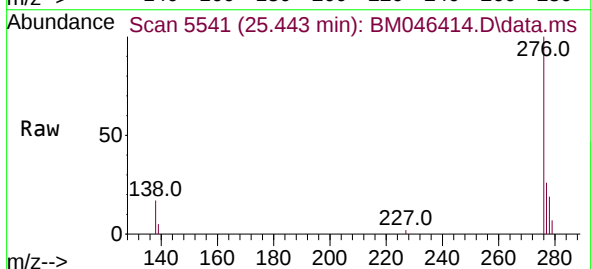
Manual Integrations
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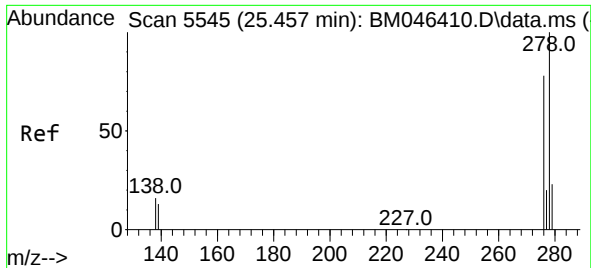
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.199 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

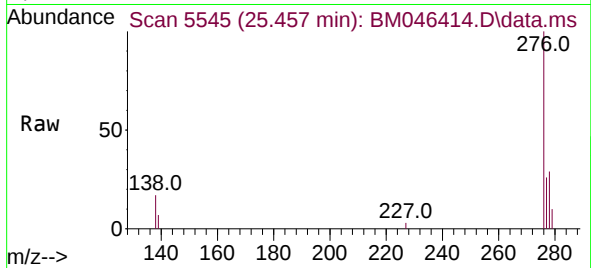
Tgt Ion:276 Resp: 89770
Ion Ratio Lower Upper
276 100
138 14.9 15.7 23.5#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.457 min Scan# 5114
Delta R.T. -0.017 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

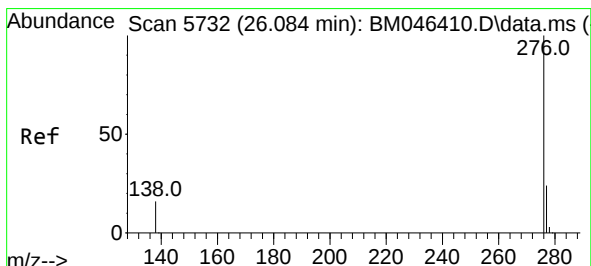
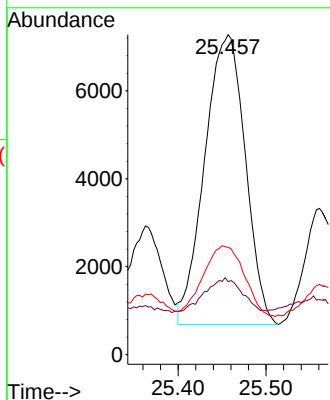
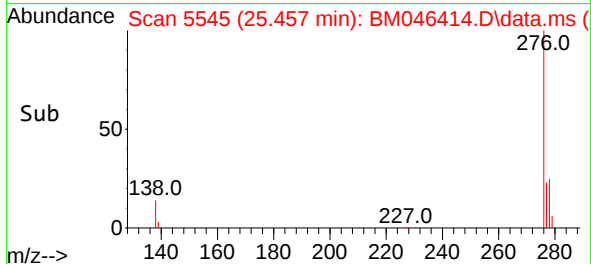
Instrument :
BNA_M
ClientSampleId :
A4BB8



Tgt Ion:278 Resp: 2114
Ion Ratio Lower Upper
278 100
139 22.9 12.6 18.8
279 33.6 20.7 31.1

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



#29
Benzo(g,h,i)perylene
Concen: 1.500 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.000 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:276 Resp: 89496
Ion Ratio Lower Upper
276 100
138 17.2 15.4 23.0
277 24.8 19.7 29.5

