

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046446.D
 Acq On : 08 Jul 2024 21:18
 Operator : MA/JU
 Sample : P2982-06DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 00:59:19 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	7.531	152	6854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	18625	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	11414	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	21865	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.128	240	14141	0.400	ng/ul	-0.01
23) Perylene-d12	23.282	264	15473	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2696	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1072	0.039	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	2012	0.041	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	4523	0.091	ng/ul	96
7) 2-Methylnaphthalene	11.970	142	2252	0.067	ng/ul	97
8) 1-Methylnaphthalene	12.190	142	1737	0.050	ng/ul	97
10) Acenaphthylene	13.887	152	10654	0.184	ng/ul	98
11) Acenaphthene	14.234	153	5012	0.133	ng/ul	96
12) Fluorene	15.228	166	6261	0.140	ng/ul	96
14) Pentachlorophenol	16.580	266	131	0.021	ng/ul#	91
15) Phenanthrene	16.964	178	123703	1.889	ng/ul	98
16) Anthracene	17.057	178	24048	0.379	ng/ul	99
19) Fluoranthene	18.993	202	247264	3.459	ng/ul#	94
20) Pyrene	19.355	202	177562	2.414	ng/ul#	91
21) Benzo(a)anthracene	21.114	228	98549	1.560	ng/ul	95
22) Chrysene	21.163	228	113191	1.802	ng/ul	98
24) Benzo(b)fluoranthene	22.645	252	153094m	2.327	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	56535m	0.851	ng/ul	
26) Benzo(a)pyrene	23.188	252	53375	1.027	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.416	276	55863	0.795	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.430	278	17804	0.328	ng/ul#	90
29) Benzo(g,h,i)perylene	26.067	276	8554	0.153	ng/ul#	85

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

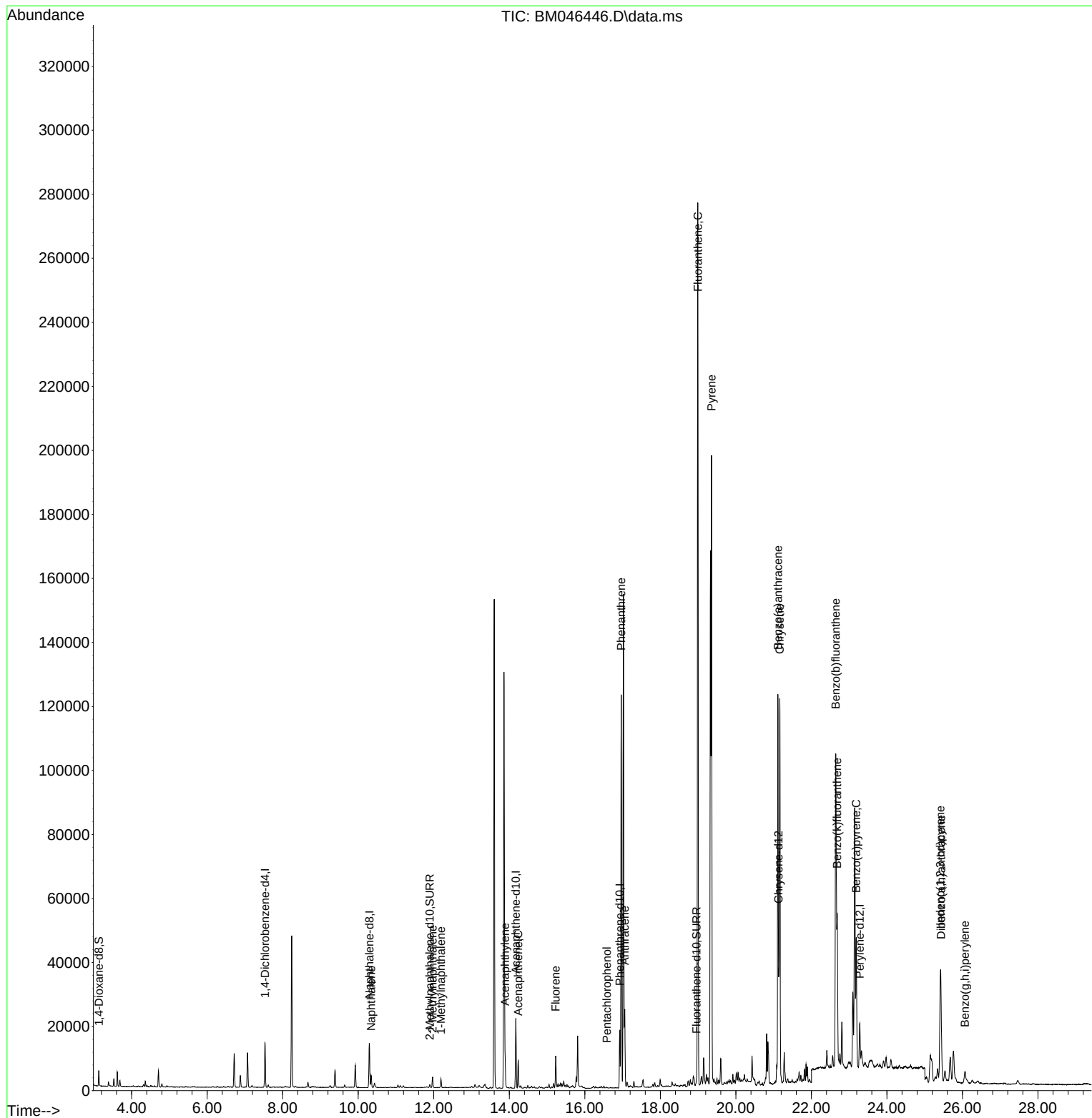
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046446.D
Acq On : 08 Jul 2024 21:18
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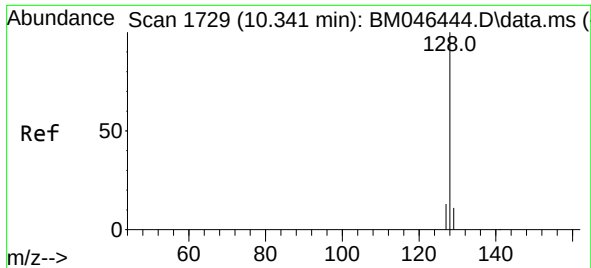
Instrument :
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Quant Time: Jul 09 00:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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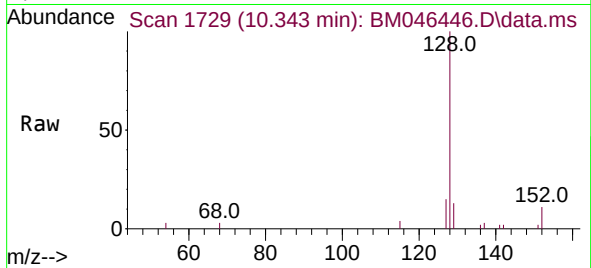
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.010 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

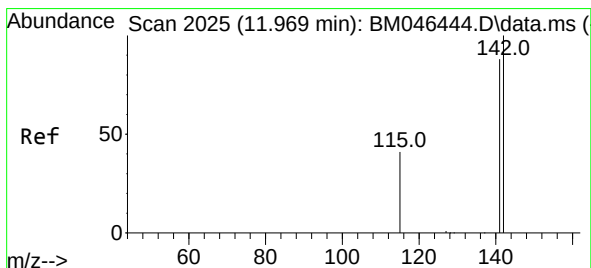
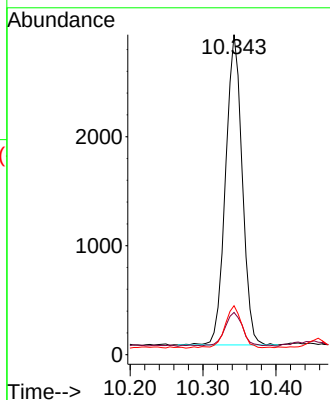
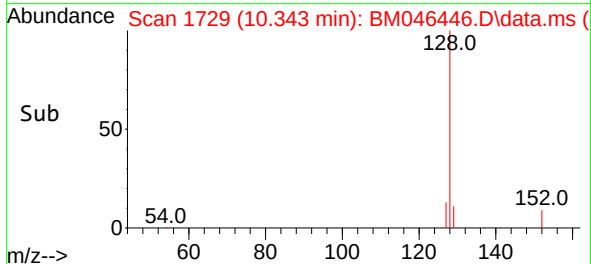
Instrument :
BNA_M
ClientSampleId :
A4CF0DL



Tgt Ion:128 Resp: 452
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.0
127 15.3 10.8 16.2

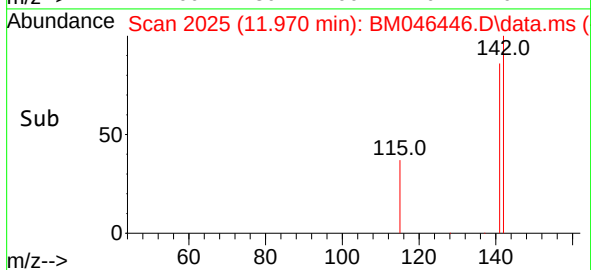
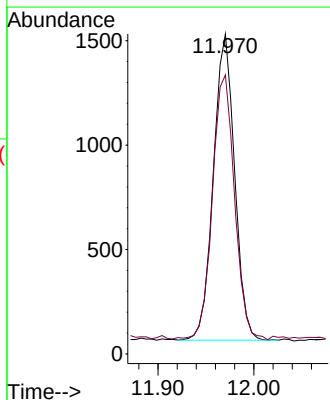
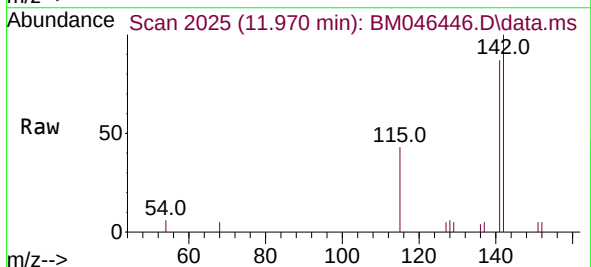
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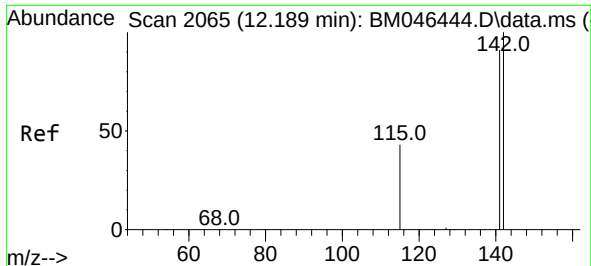
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.010 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

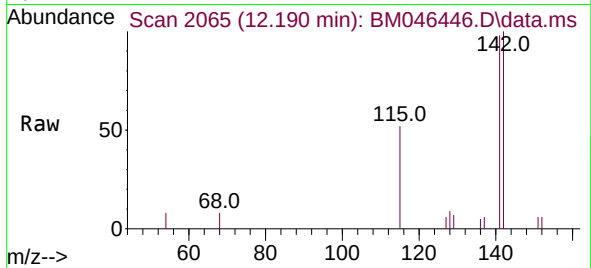
Tgt Ion:142 Resp: 2252
Ion Ratio Lower Upper
142 100
141 90.3 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.010 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

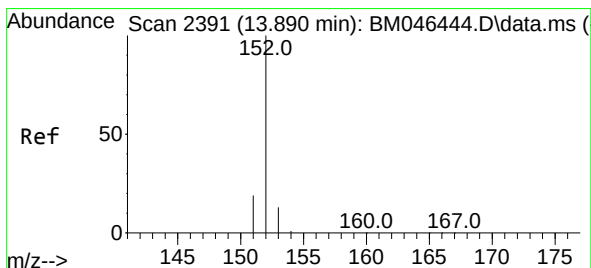
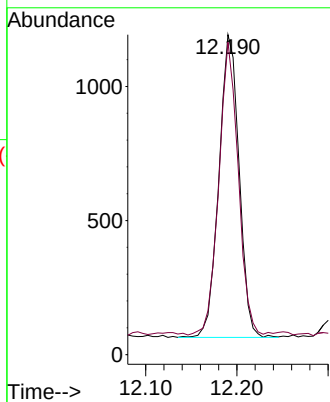
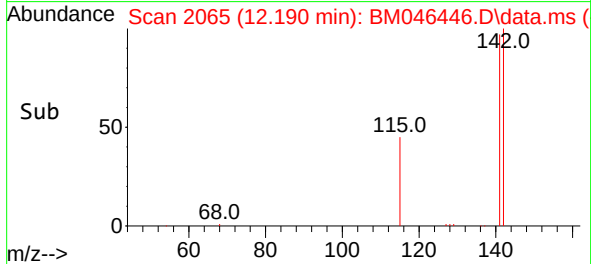
Instrument :
BNA_M
ClientSampleId :
A4CF0DL



Tgt Ion:142 Resp: 173
Ion Ratio Lower Upper
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141 92.9 72.4 108.6

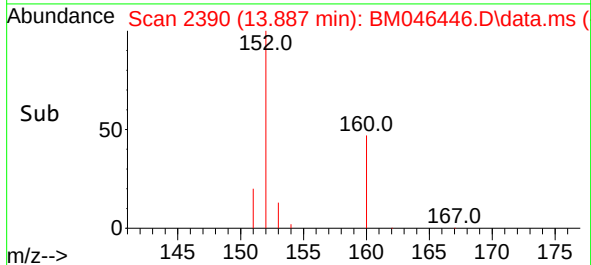
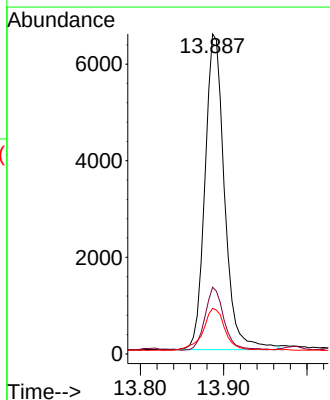
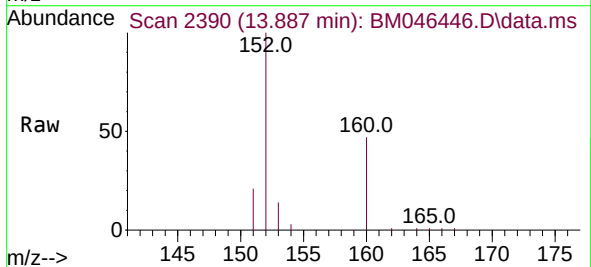
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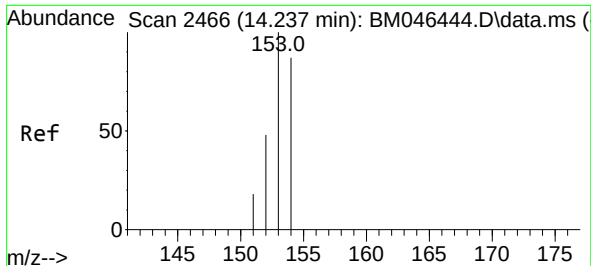
Reviewed By :Yogesh Patel 07/09/2024
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#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 13.887 min Scan# 2390
Delta R.T. -0.013 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

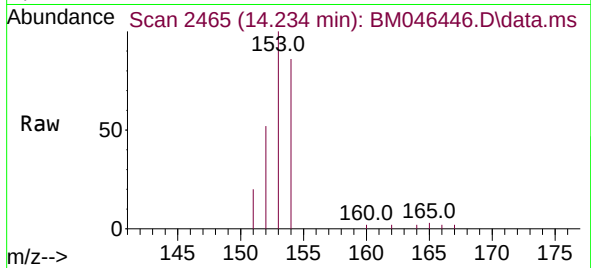
Tgt Ion:152 Resp: 10654
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 14.2 11.0 16.6





#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.234 min Scan# 2465
Delta R.T. -0.013 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

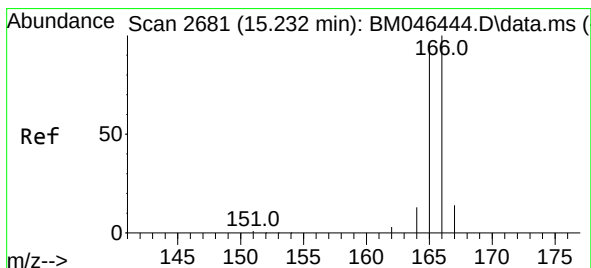
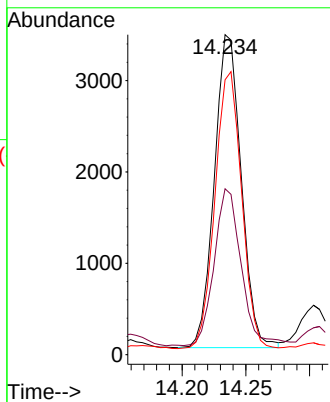
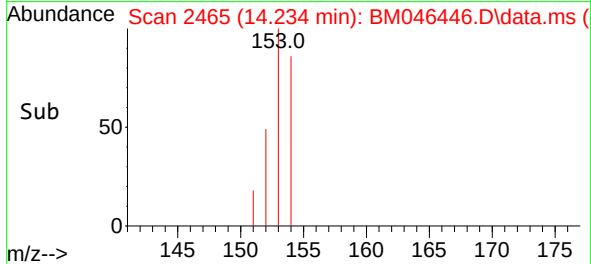
Instrument :
BNA_M
ClientSampleId :
A4CF0DL



Tgt Ion:153 Resp: 5012
Ion Ratio Lower Upper
153 100
152 51.8 40.4 60.6
154 85.9 72.1 108.1

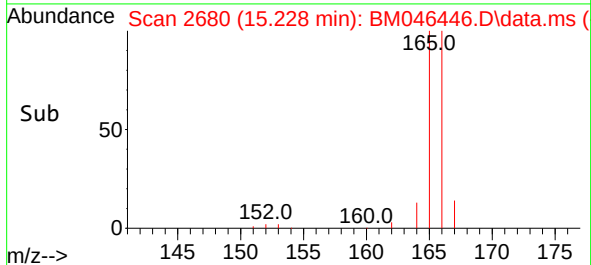
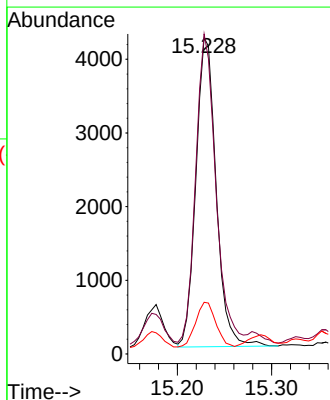
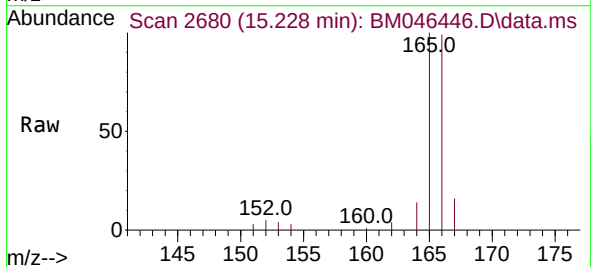
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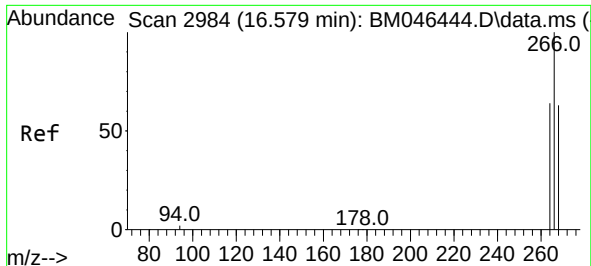
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.140 ng/ul
RT: 15.228 min Scan# 2680
Delta R.T. -0.012 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

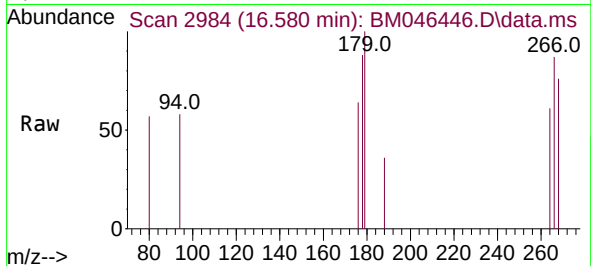
Tgt Ion:166 Resp: 6261
Ion Ratio Lower Upper
166 100
165 101.2 78.0 117.0
167 16.3 11.4 17.0





#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.580 min Scan# 2984
Delta R.T. -0.007 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

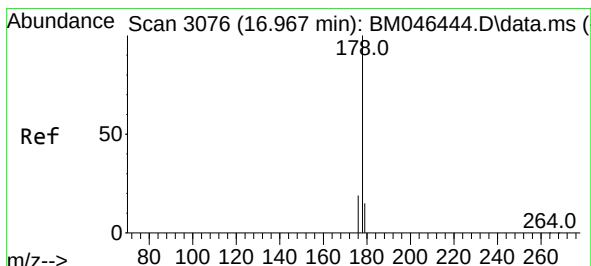
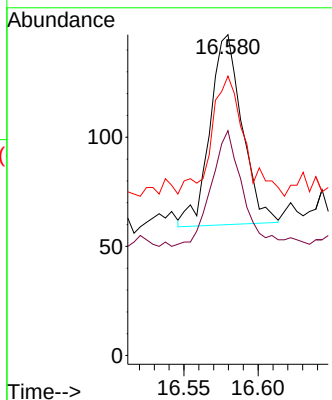
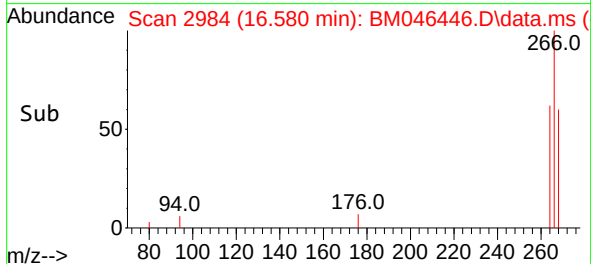
Instrument :
BNA_M
ClientSampleId :
A4CF0DL



Tgt Ion:266 Resp: 133
Ion Ratio Lower Upper
266 100
264 61.8 51.0 76.6
268 76.3 50.8 76.2

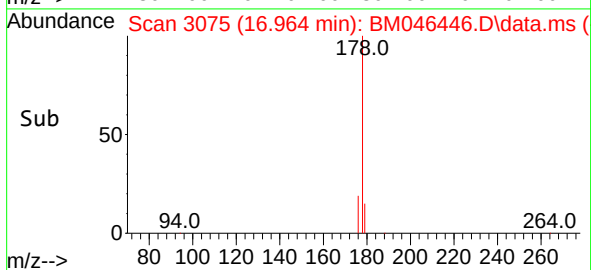
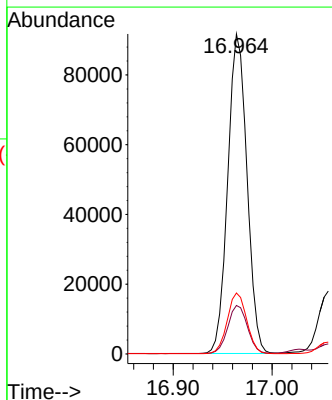
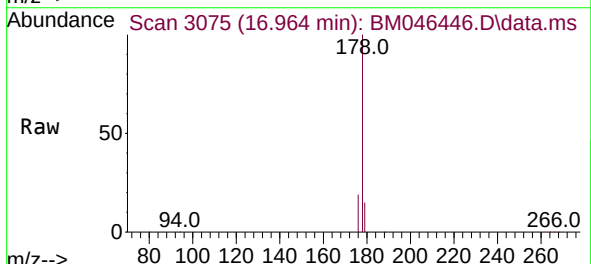
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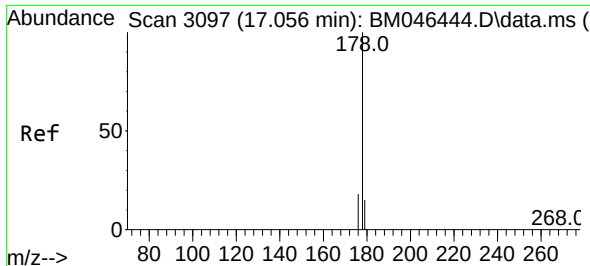
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 1.889 ng/ul
RT: 16.964 min Scan# 3075
Delta R.T. -0.011 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

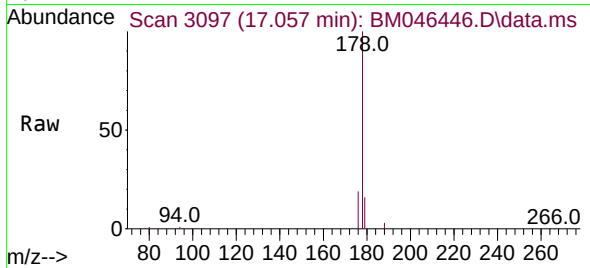
Tgt Ion:178 Resp: 123703
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.0 16.0 24.0





#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

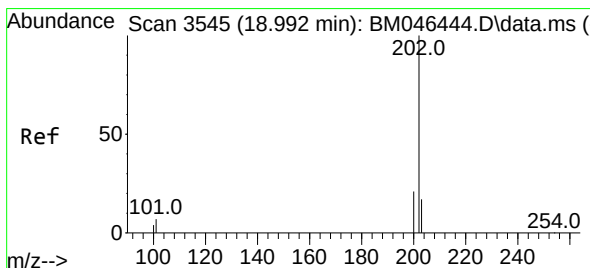
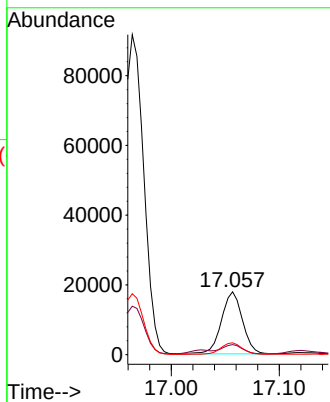
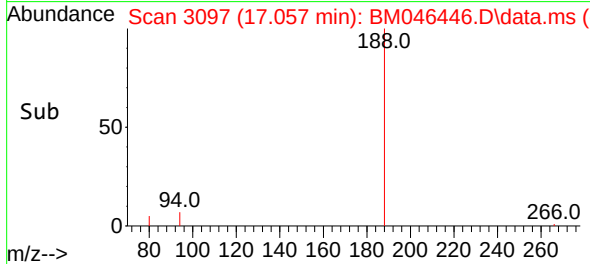
Instrument :
BNA_M
ClientSampleId :
A4CF0DL



Tgt Ion:178 Resp: 24048
Ion Ratio Lower Upper
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179 16.0 12.6 18.8
176 18.9 14.9 22.3

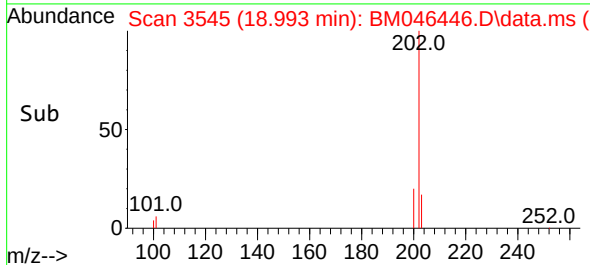
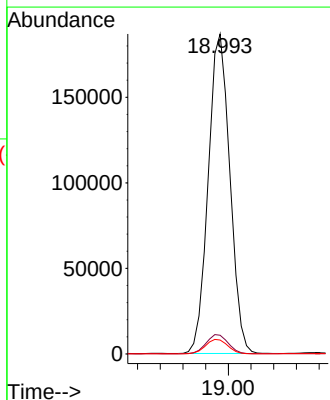
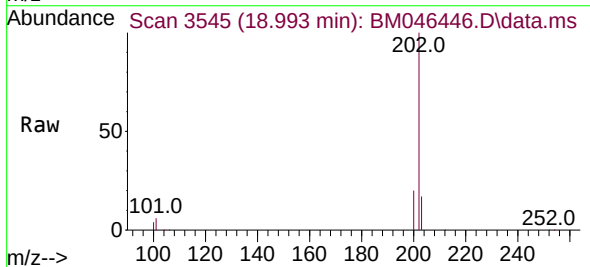
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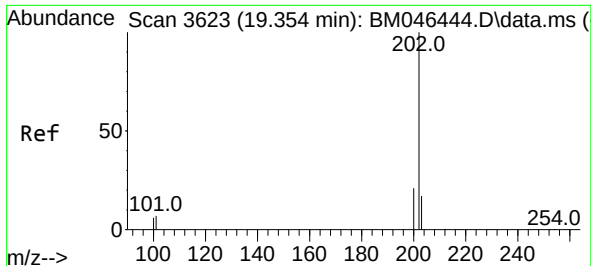
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#19
Fluoranthene
Concen: 3.459 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

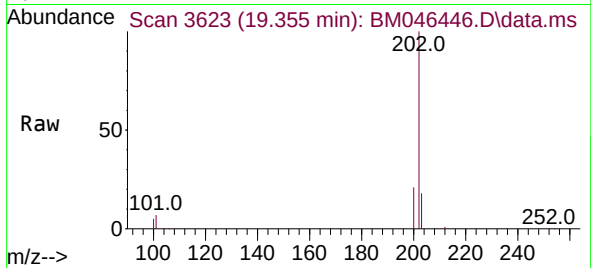
Tgt Ion:202 Resp: 247264
Ion Ratio Lower Upper
202 100
101 5.8 6.3 9.5#
100 4.4 5.0 7.6#





#20
Pyrene
Concen: 2.414 ng/ul
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

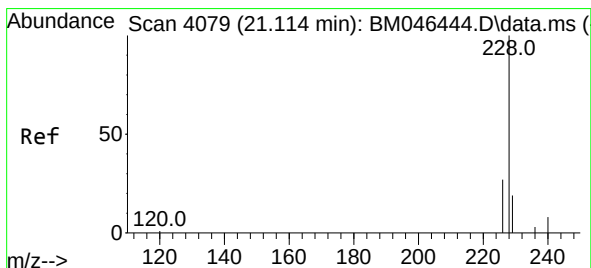
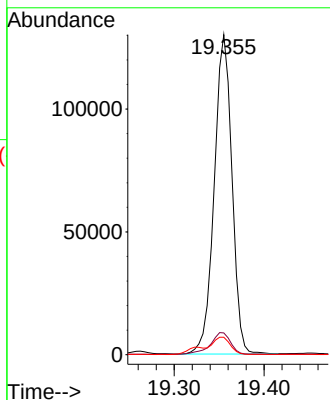
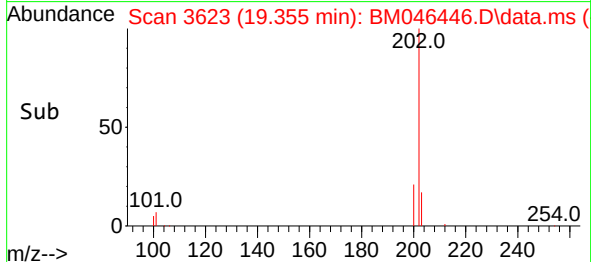
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Tgt Ion:202 Resp: 177562
Ion Ratio Lower Upper
202 100
101 6.8 8.2 12.4
100 5.5 6.9 10.3

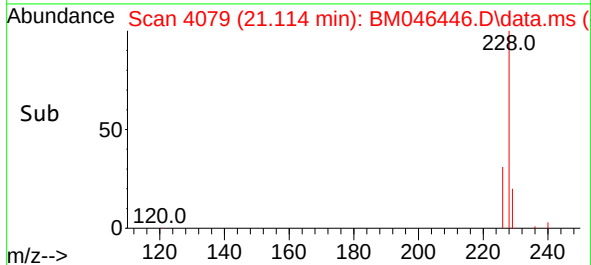
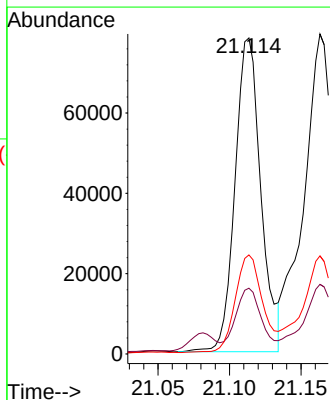
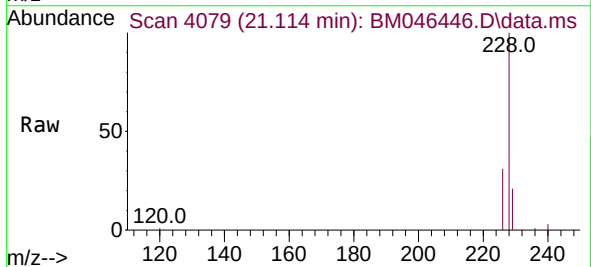
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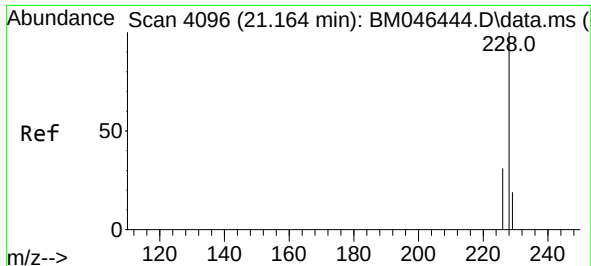
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#21
Benzo(a)anthracene
Concen: 1.560 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

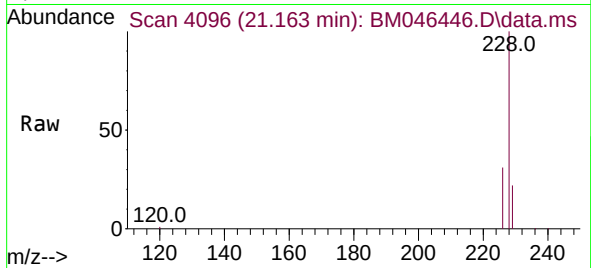
Tgt Ion:228 Resp: 98549
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 31.4 22.0 33.0





#22
Chrysene
Concen: 1.802 ng/ul
RT: 21.163 min Scan# 4096
Delta R.T. -0.015 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

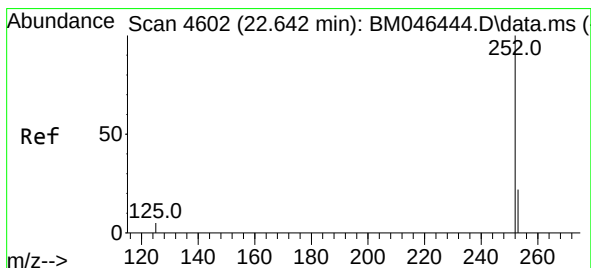
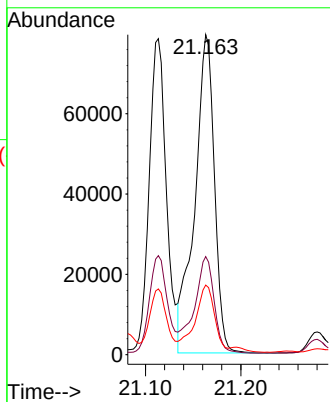
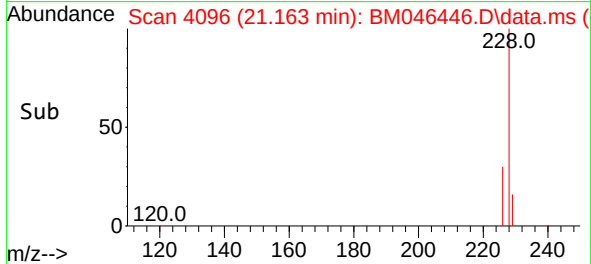
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 11319
Ion Ratio Lower Upper
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226 30.6 24.1 36.1
229 21.7 15.8 23.6

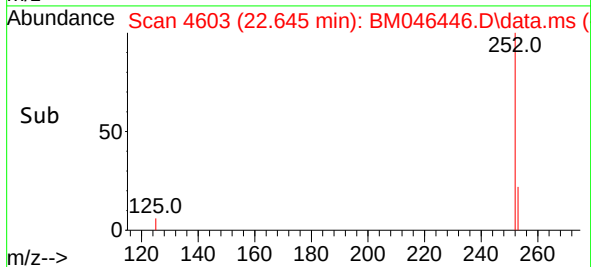
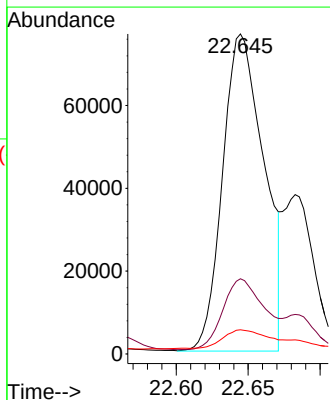
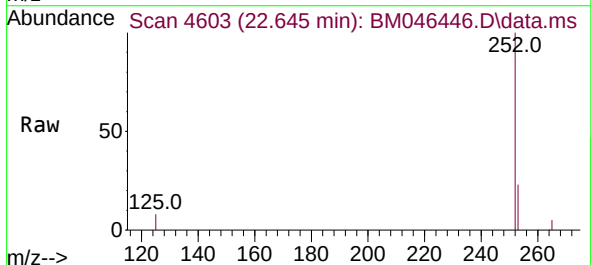
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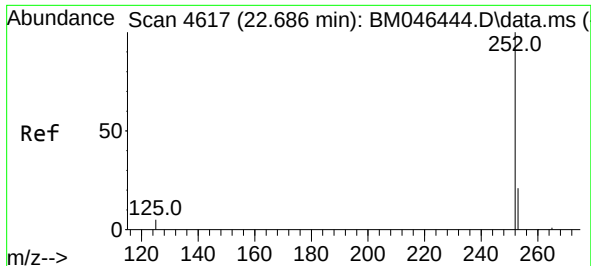
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#24
Benzo(b)fluoranthene
Concen: 2.327 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.018 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

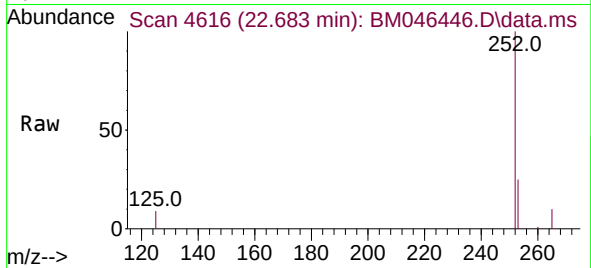
Tgt Ion:252 Resp: 153094
Ion Ratio Lower Upper
252 100
253 23.5 0.0 47.0
125 7.5 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.851 ng/ul m
RT: 22.683 min Scan# 4616
Delta R.T. -0.024 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

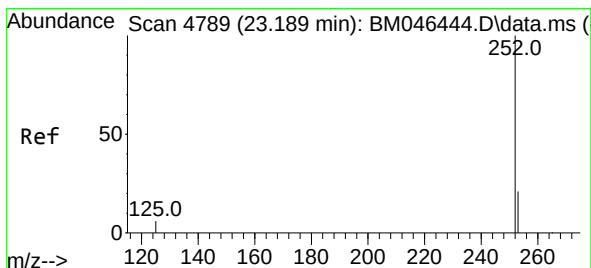
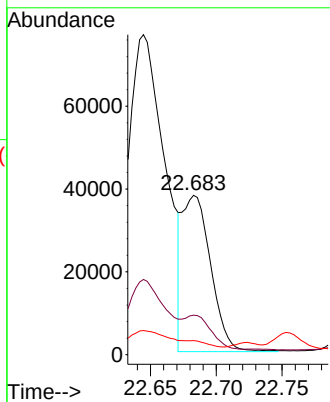
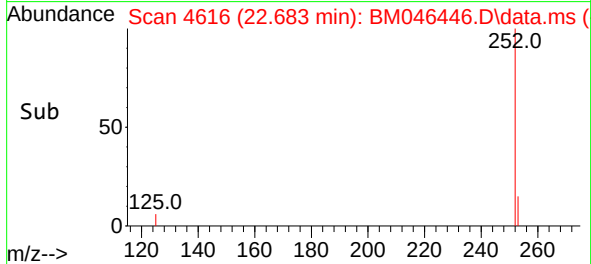
Instrument :
BNA_M
ClientSampleId :
A4CF0DL



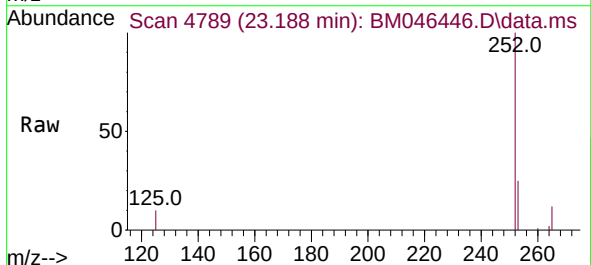
Tgt Ion:252 Resp: 56538
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 8.8 7.5 11.3

Manual Integrations
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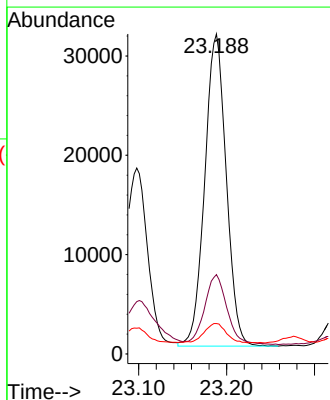
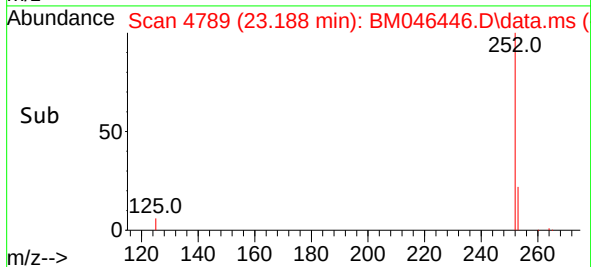
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

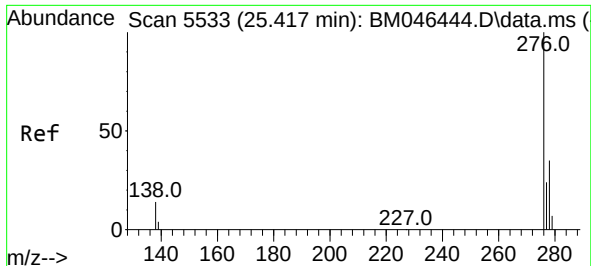


#26
Benzo(a)pyrene
Concen: 1.027 ng/ul
RT: 23.188 min Scan# 4789
Delta R.T. -0.021 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18



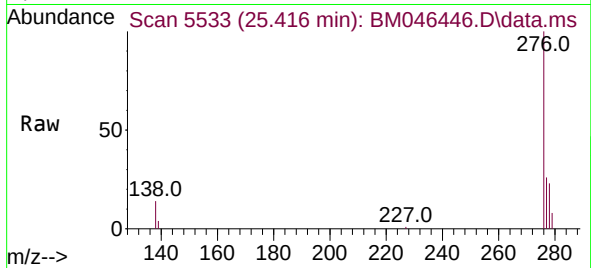
Tgt Ion:252 Resp: 53375
Ion Ratio Lower Upper
252 100
253 24.8 18.9 28.3
125 9.5 8.1 12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.795 ng/ul
RT: 25.416 min Scan# 5533
Delta R.T. -0.031 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

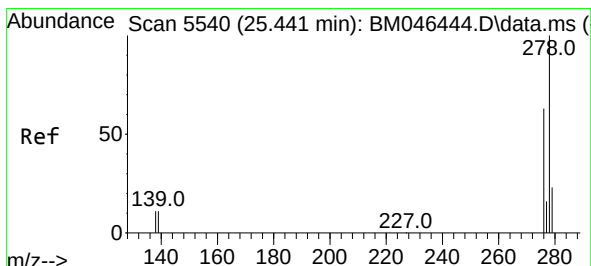
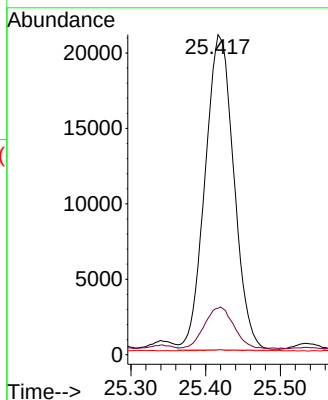
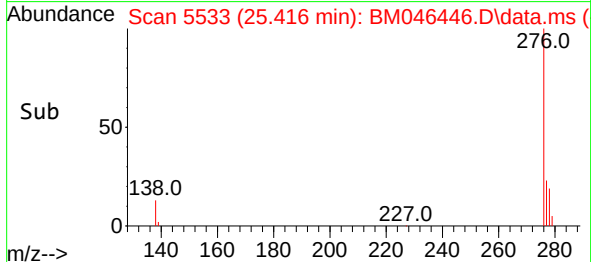
Instrument :
BNA_M
ClientSampleId :
A4CF0DL



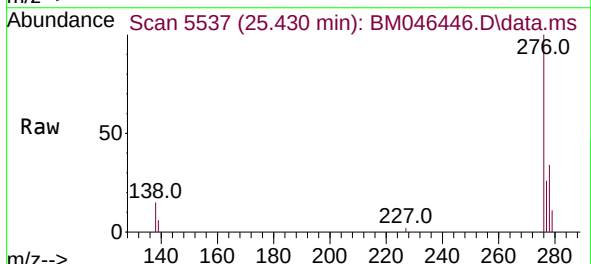
Tgt Ion:276 Resp: 5586
Ion Ratio Lower Upper
276 100
138 13.2 15.7 23.5
227 0.1 0.1 0.1

Manual Integrations
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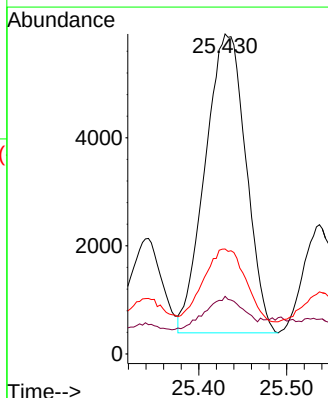
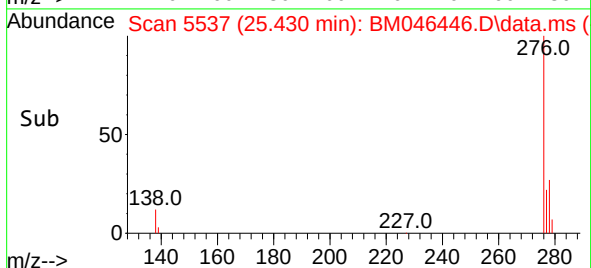
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

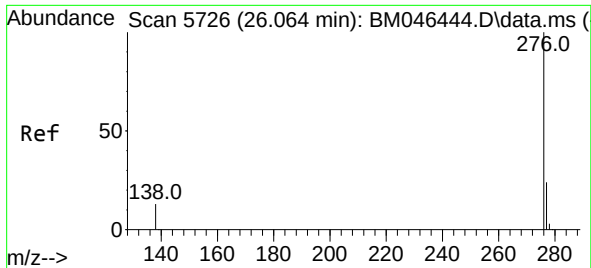


#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.044 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18



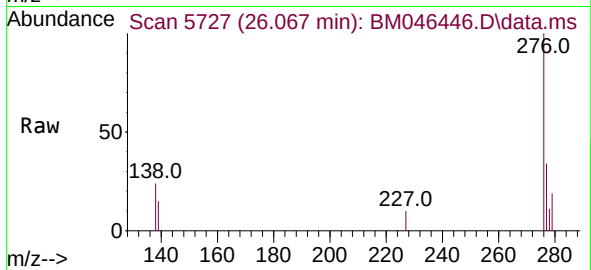
Tgt Ion:278 Resp: 17804
Ion Ratio Lower Upper
278 100
139 18.0 12.6 18.8
279 32.8 20.7 31.1





#29
Benzo(g,h,i)perylene
Concen: 0.153 ng/ul
RT: 26.067 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL



Tgt Ion:276 Resp: 8554
Ion Ratio Lower Upper
276 100
138 23.8 15.4 23.0
277 33.7 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

