

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040552.D
 Acq On : 02 Jul 2023 23:09
 Operator : MA/JU
 Sample : 03243-17
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:36:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	9314	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	30732	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.568	164	16614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	31191	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	19282	0.400	ng/ul	# 0.00
23) Perylene-d12	23.917	264	20577	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	42184	2.883	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	9233	0.214	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	14259	0.231	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.783	128	26216	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.395	142	15409	0.310	ng/ul	92
8) 1-Methylnaphthalene	12.615	142	10773	0.217	ng/ul	100
10) Acenaphthylene	14.295	152	10196	0.137	ng/ul#	92
11) Acenaphthene	14.632	153	37724	0.602	ng/ul	98
12) Fluorene	15.618	166	34237	0.512	ng/ul	100
15) Phenanthrene	17.362	178	449323	4.638	ng/ul	98
16) Anthracene	17.450	178	95666	1.175	ng/ul	99
19) Fluoranthene	19.375	202	808778	9.874	ng/ul	96
20) Pyrene	19.742	202	651375	7.418	ng/ul	95
21) Benzo(a)anthracene	21.485	228	415668	6.373	ng/ul	99
22) Chrysene	21.538	228	462410	6.215	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	912058	11.453	ng/ul	90
25) Benzo(k)fluoranthene	23.224	252	300491m	3.829	ng/ul	
26) Benzo(a)pyrene	23.809	252	500968	6.984	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.427	276	537784	5.383	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.430	278	141729	1.812	ng/ul	98
29) Benzo(g,h,i)perylene	27.202	276	526665	6.015	ng/ul	93

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

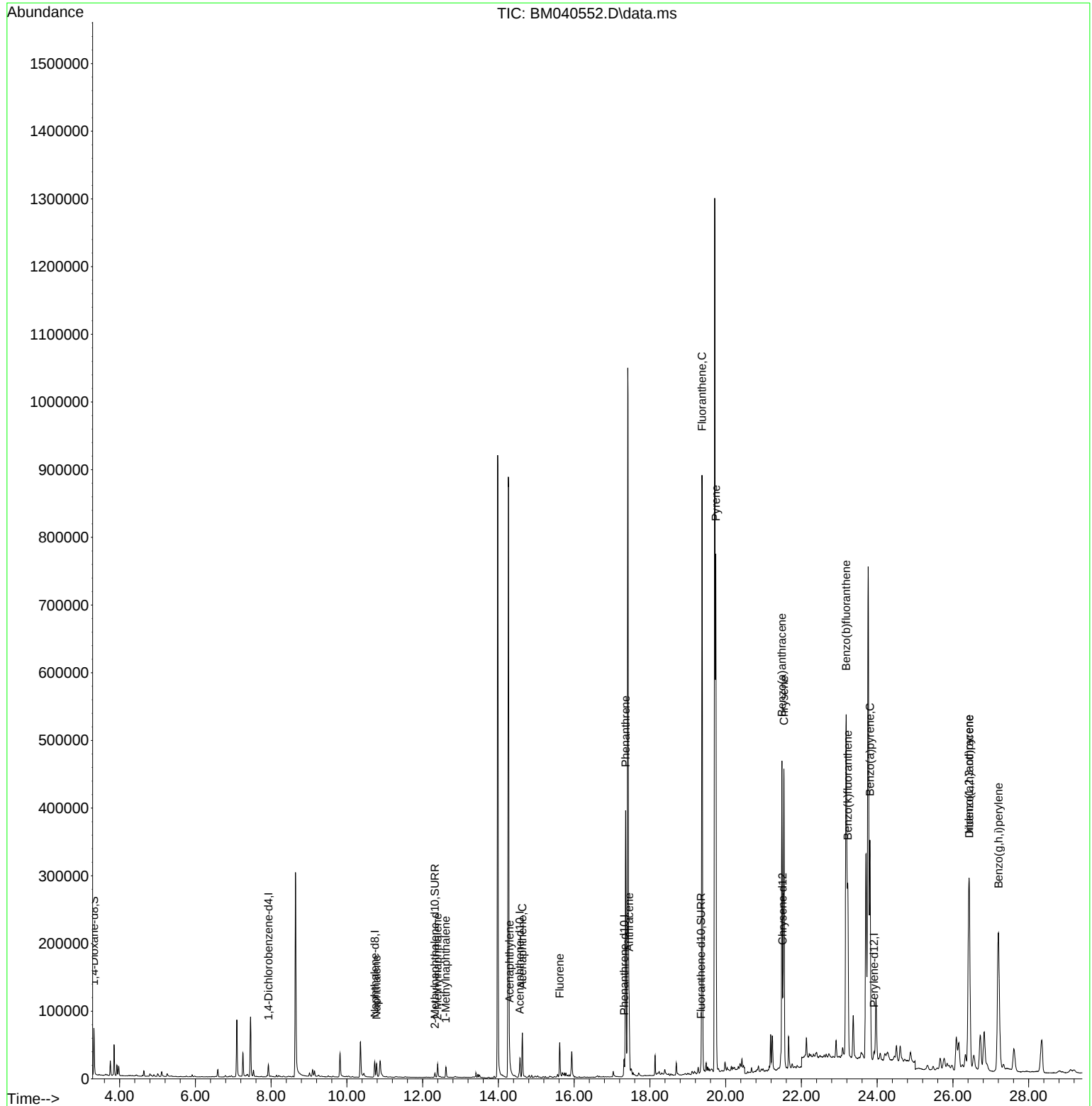
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040552.D
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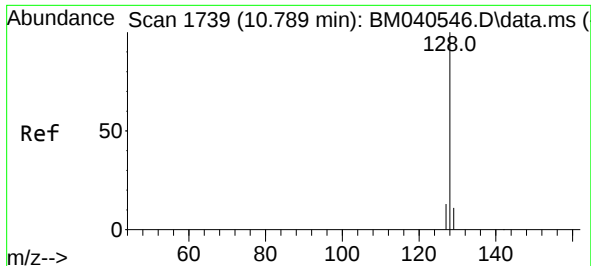
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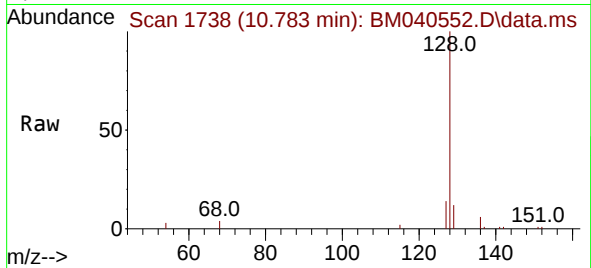
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

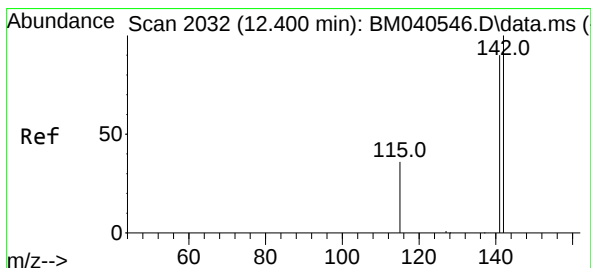
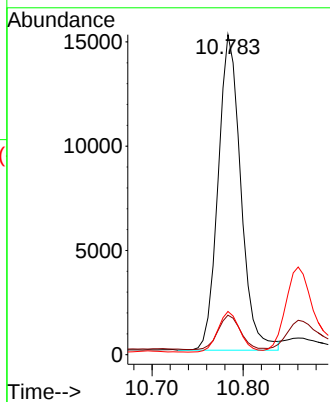
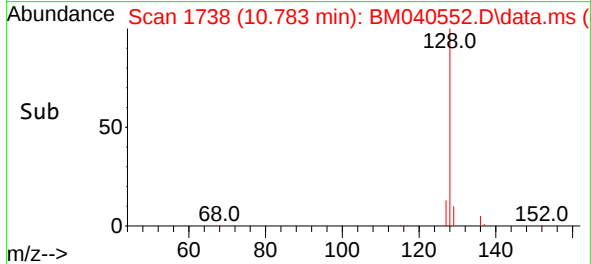
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:128 Resp: 26210
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.5 10.6 15.8

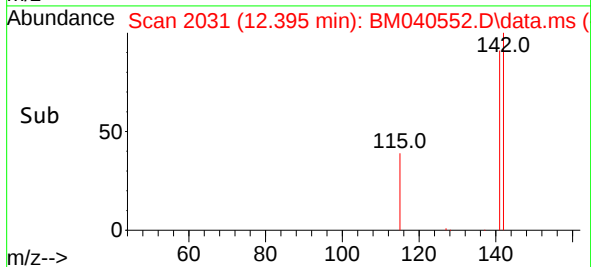
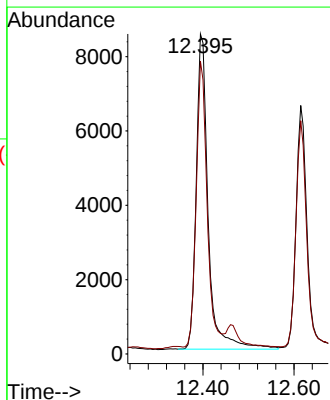
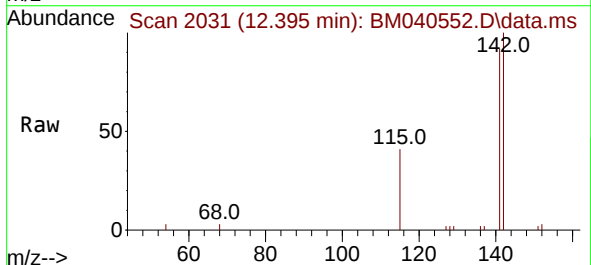
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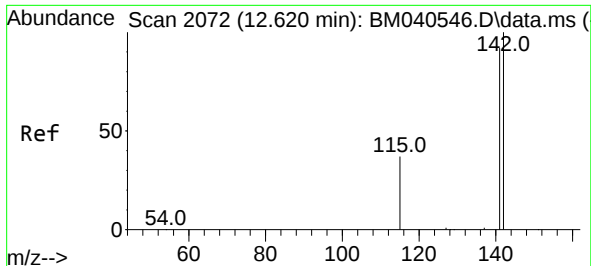
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

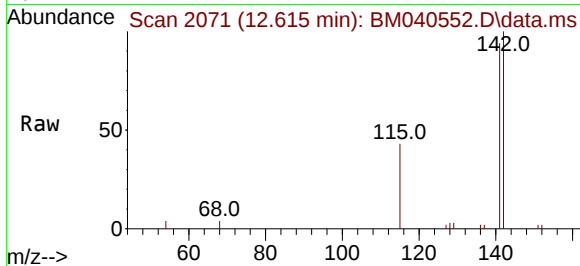
Tgt Ion:142 Resp: 15409
Ion Ratio Lower Upper
142 100
141 82.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.217 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

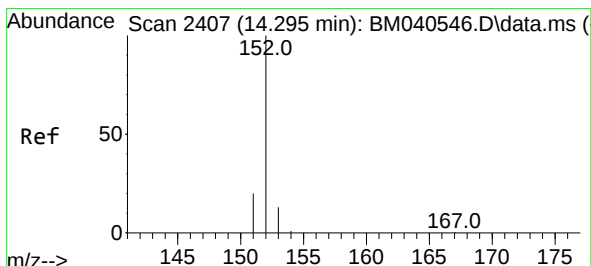
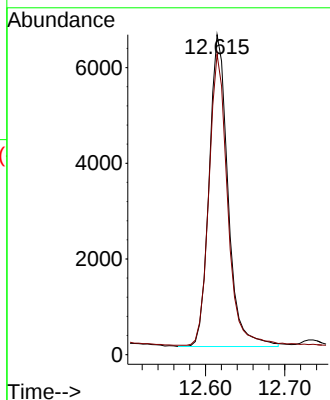
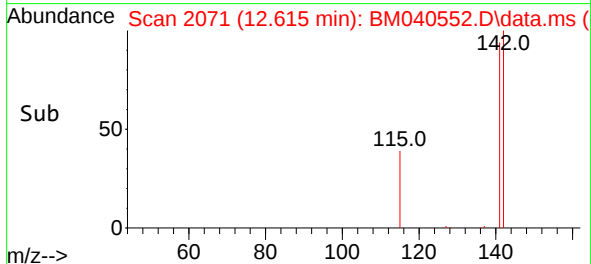
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
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141 92.0 73.7 110.5

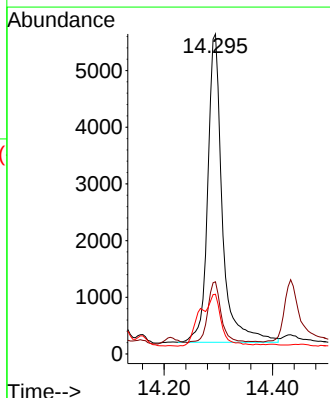
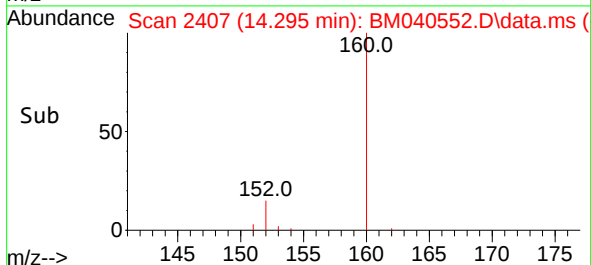
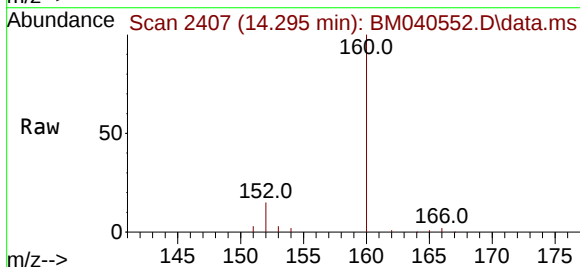
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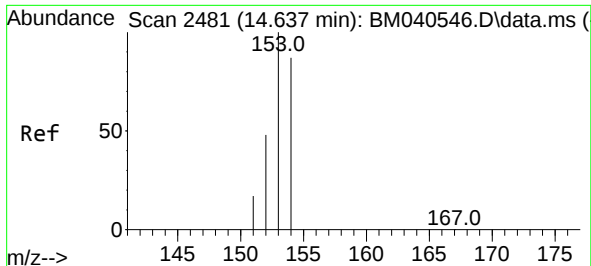
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

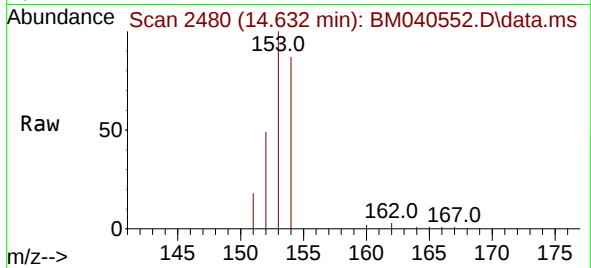
Tgt Ion:152 Resp: 10196
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.2
153 18.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.602 ng/u1
RT: 14.632 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

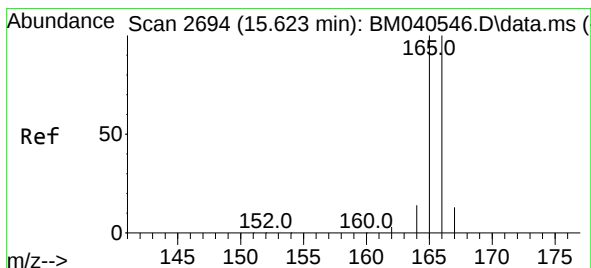
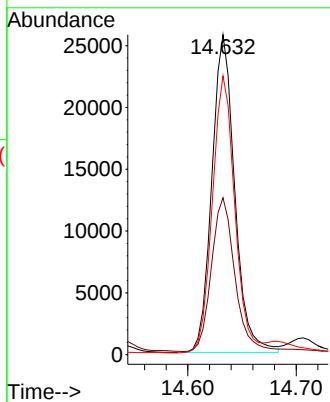
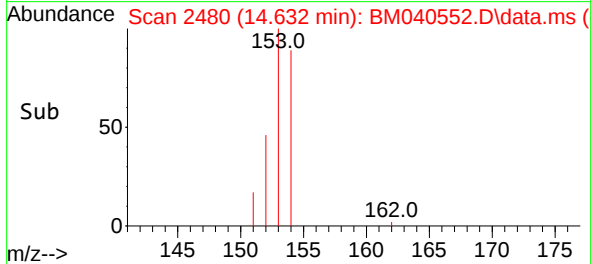
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:153 Resp: 37724
Ion Ratio Lower Upper
153 100
152 49.0 41.0 61.4
154 87.2 70.8 106.2

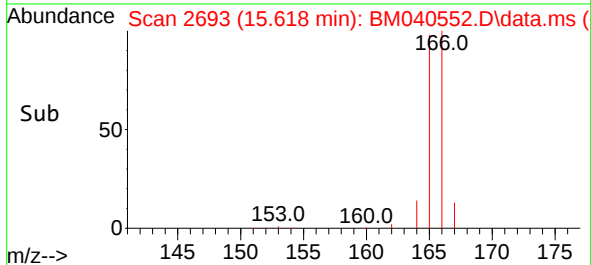
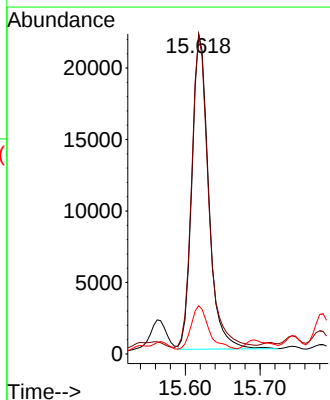
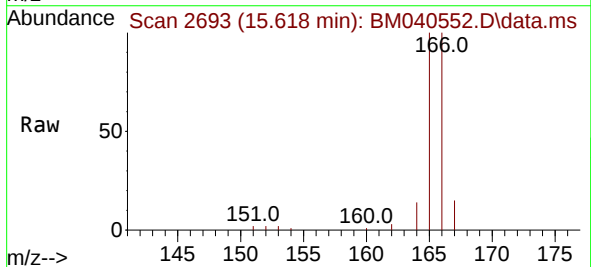
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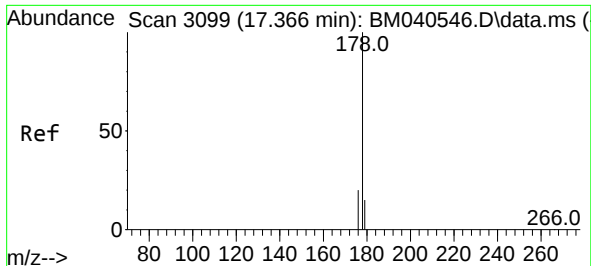
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.512 ng/u1
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

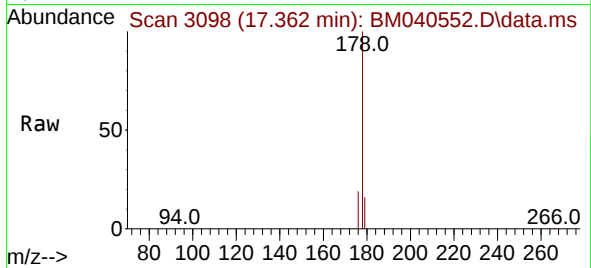
Tgt Ion:166 Resp: 34237
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 15.0 11.4 17.0





#15
Phenanthrene
Concen: 4.638 ng/uI
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

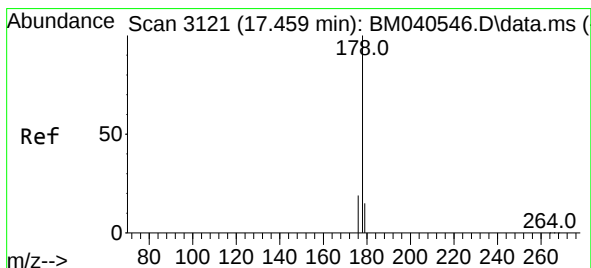
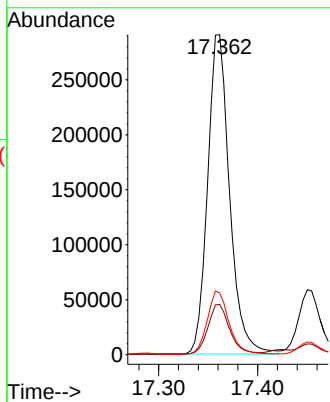
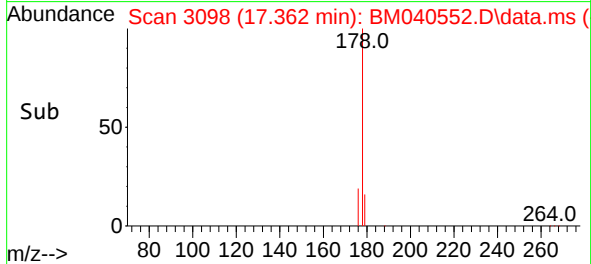
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:178 Resp: 44932
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.3 16.4 24.6

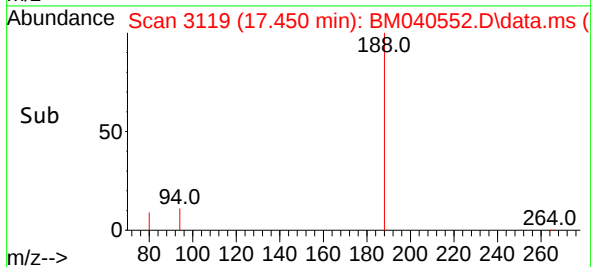
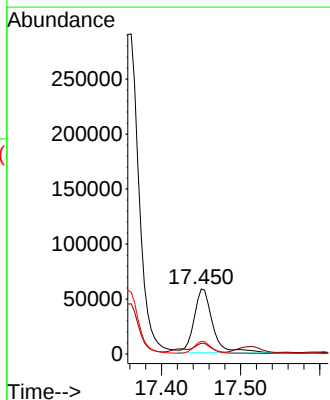
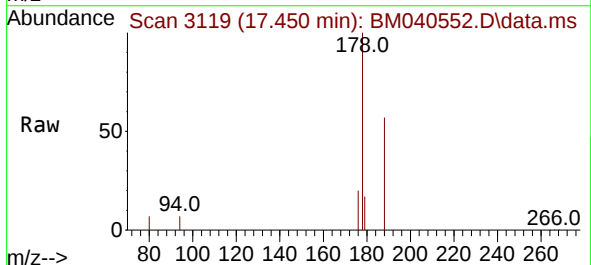
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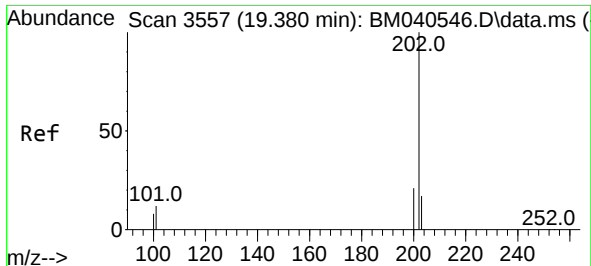
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 1.175 ng/uI
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

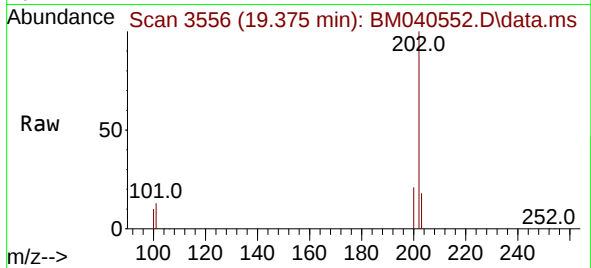
Tgt Ion:178 Resp: 95666
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.6 15.8 23.6





#19
Fluoranthene
Concen: 9.874 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

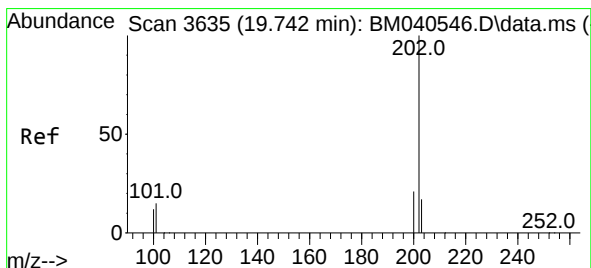
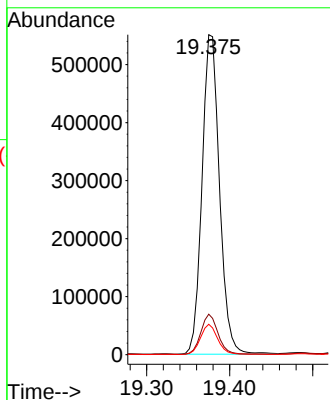
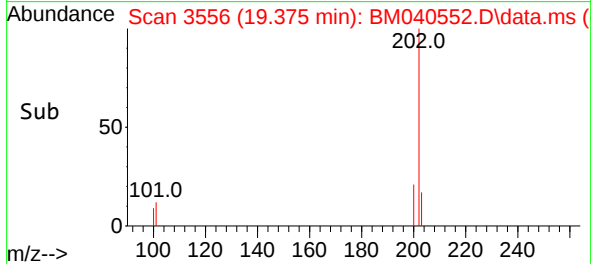
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:202 Resp: 808778
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.5 8.7 13.1

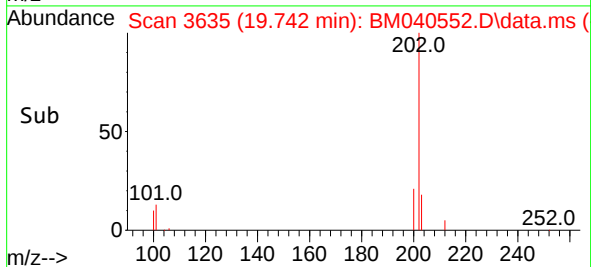
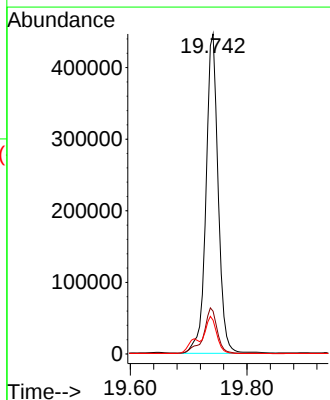
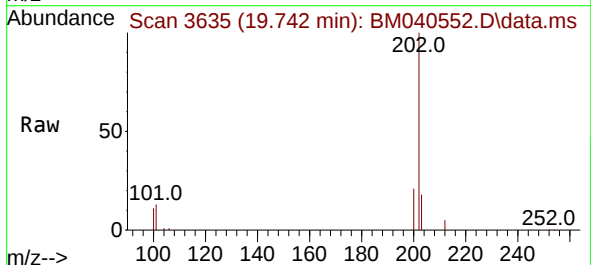
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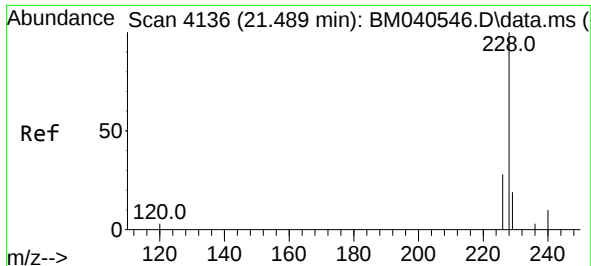
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 7.418 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

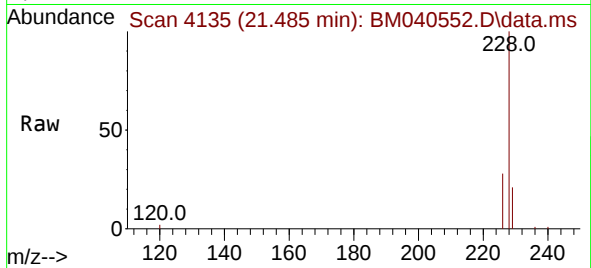
Tgt Ion:202 Resp: 651375
Ion Ratio Lower Upper
202 100
101 13.3 12.6 18.8
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.373 ng/u1
RT: 21.485 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

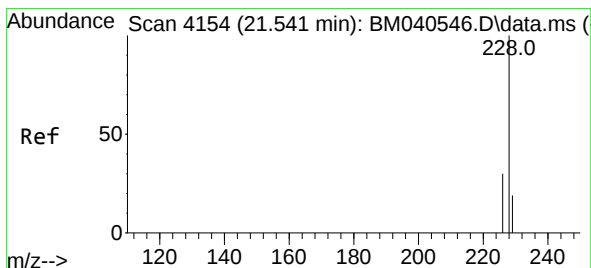
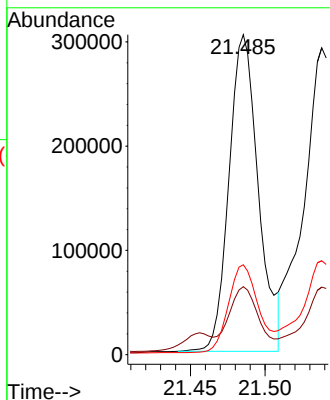
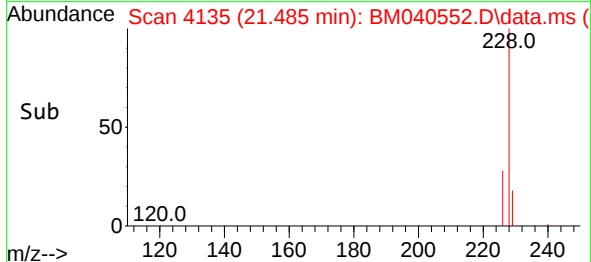
Instrument :
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DCGD7



Tgt Ion:228 Resp: 41566
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.1 22.3 33.5

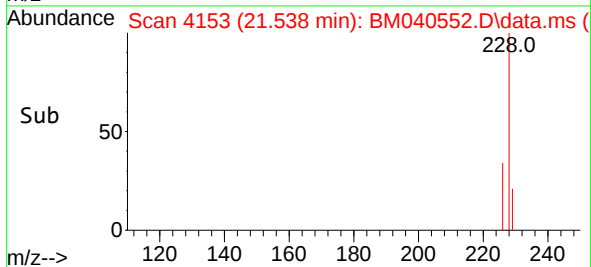
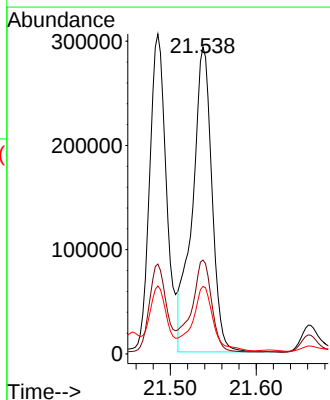
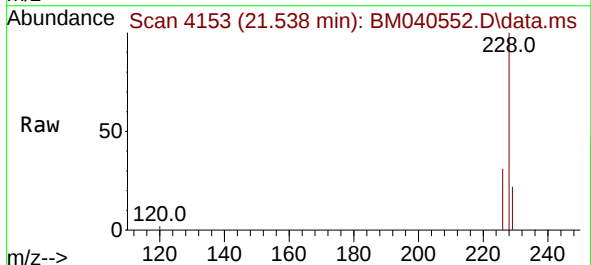
Manual Integrations
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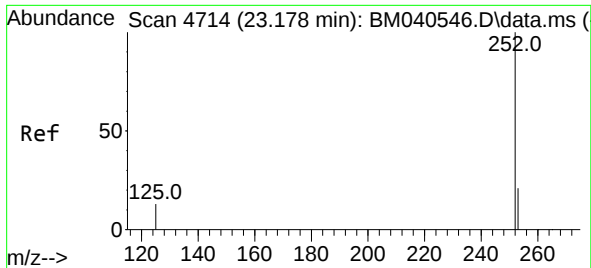
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 6.215 ng/u1
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

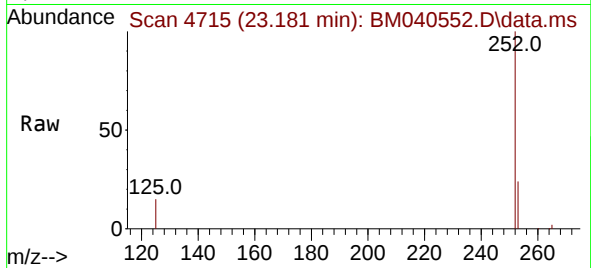
Tgt Ion:228 Resp: 462410
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.453 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. -0.000 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

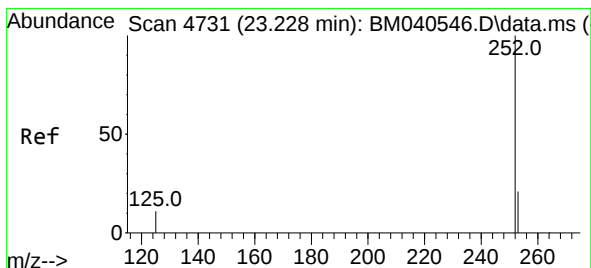
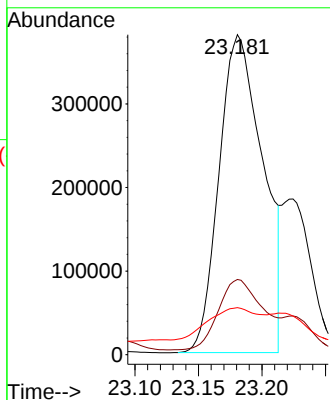
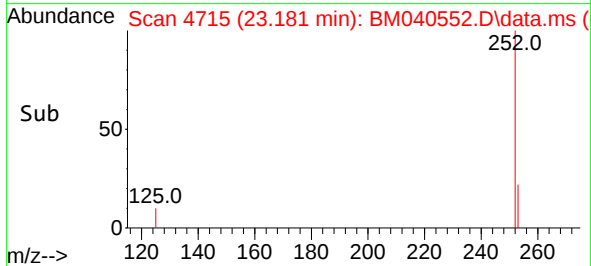
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:252 Resp: 912058
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 14.7 0.0 43.0

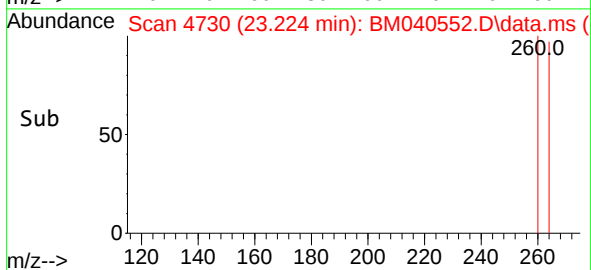
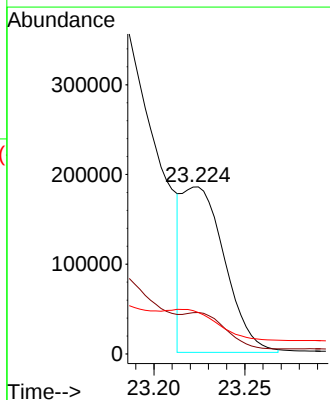
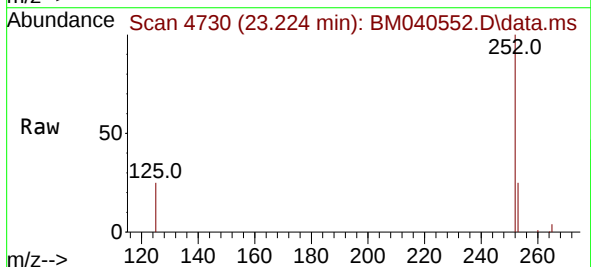
Manual Integrations
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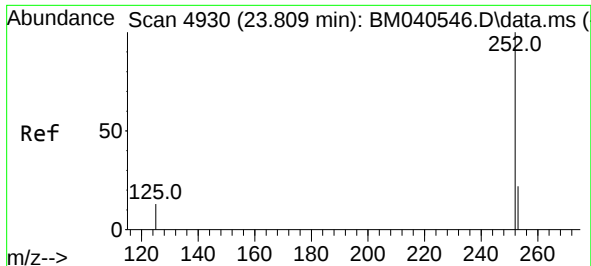
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#25
Benzo(k)fluoranthene
Concen: 3.829 ng/ul m
RT: 23.224 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

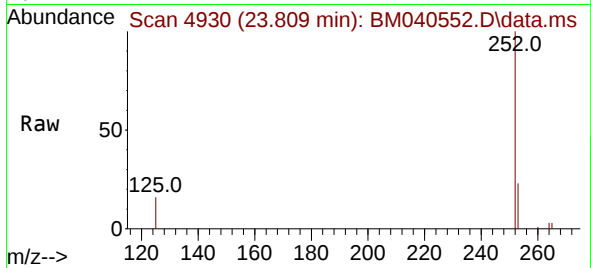
Tgt Ion:252 Resp: 300491
Ion Ratio Lower Upper
252 100
253 24.8 21.2 31.8
125 24.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 6.984 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

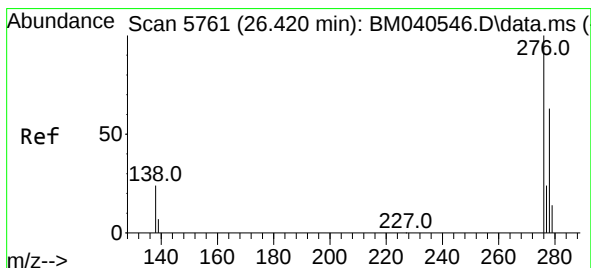
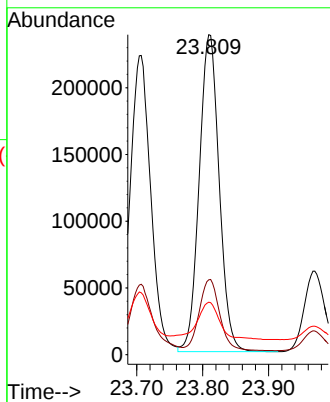
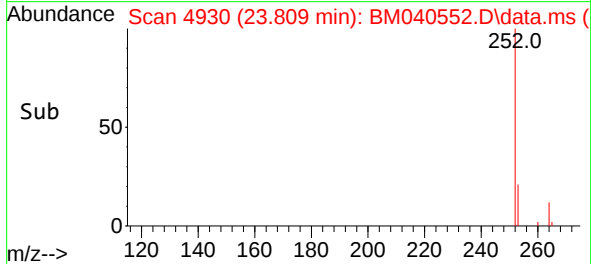
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:252 Resp: 500968
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 16.4 21.0 31.4

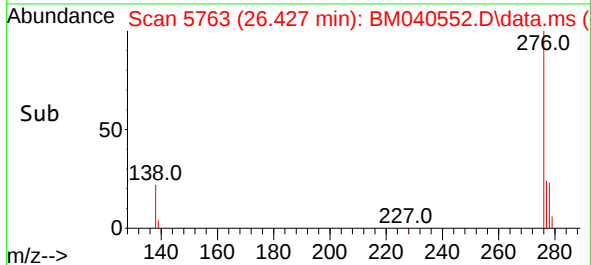
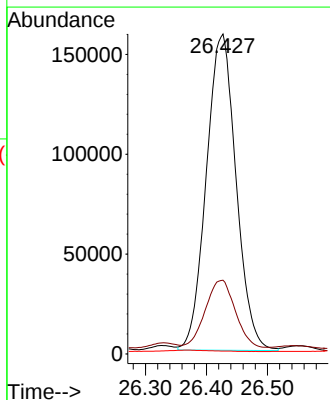
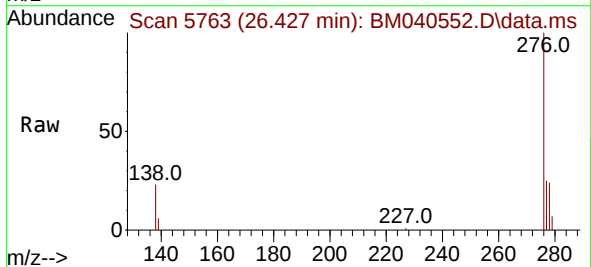
Manual Integrations
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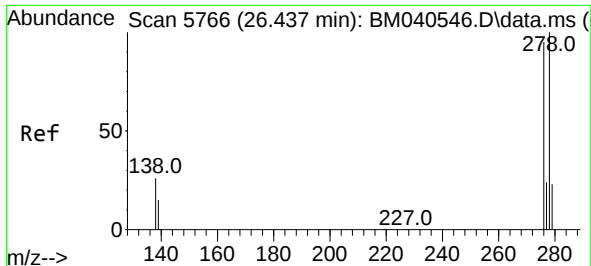
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.383 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. 0.007 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

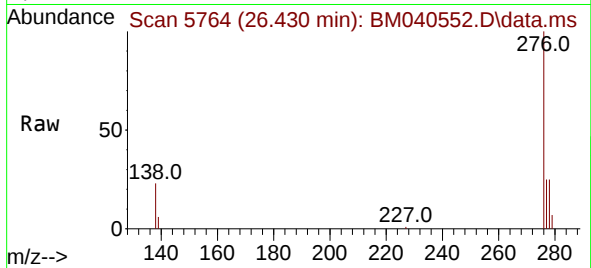
Tgt Ion:276 Resp: 537784
Ion Ratio Lower Upper
276 100
138 21.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.812 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

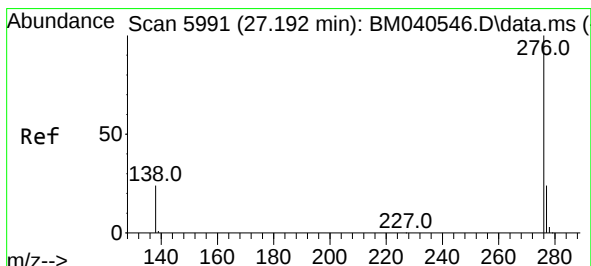
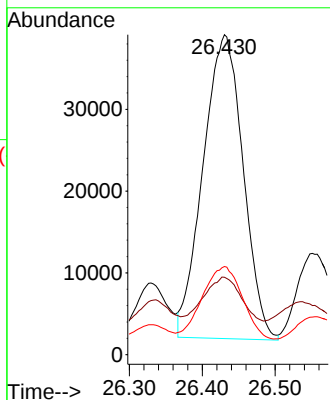
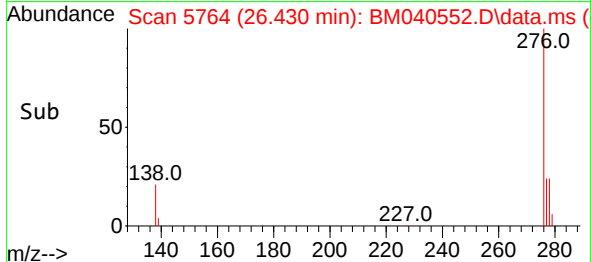
Instrument :
BNA_M
ClientSampleId :
DCGD7



Tgt Ion:278 Resp: 141729
Ion Ratio Lower Upper
278 100
139 24.2 17.9 26.9
279 27.6 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 6.015 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040552.D
Acq: 02 Jul 2023 23:09

Tgt Ion:276 Resp: 526665
Ion Ratio Lower Upper
276 100
138 23.2 23.0 34.6
277 24.4 20.3 30.5

