

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040562.D
 Acq On : 03 Jul 2023 05:19
 Operator : MA/JU
 Sample : 03245-07
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG5

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 06:51:04 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	7.923	152	10039	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	37132	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	20883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	41846	0.400	ng/ul	-0.01
17) Chrysene-d12	21.500	240	22135	0.400	ng/ul	0.00
23) Perylene-d12	23.914	264	20631	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	69886	4.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	17272	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.342	212	31711	0.447	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.783	128	12484	0.122	ng/ul#	95
7) 2-Methylnaphthalene	12.395	142	4415	0.073	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	2489	0.041	ng/ul	99
10) Acenaphthylene	14.290	152	47750	0.512	ng/ul	100
11) Acenaphthene	14.632	153	3691	0.047	ng/ul	97
12) Fluorene	15.618	166	4301	0.051	ng/ul#	96
15) Phenanthrene	17.357	178	90858	0.699	ng/ul	99
16) Anthracene	17.450	178	40853	0.374	ng/ul	99
19) Fluoranthene	19.375	202	371952	3.956	ng/ul	95
20) Pyrene	19.737	202	284225m	2.820	ng/ul	
21) Benzo(a)anthracene	21.485	228	170191	2.273	ng/ul	98
22) Chrysene	21.538	228	166550	1.950	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	269848	3.380	ng/ul	90
25) Benzo(k)fluoranthene	23.222	252	102542m	1.303	ng/ul	
26) Benzo(a)pyrene	23.806	252	134462	1.870	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.420	276	137469	1.372	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.427	278	34788	0.444	ng/ul#	90
29) Benzo(g,h,i)perylene	27.195	276	119113	1.357	ng/ul	99

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

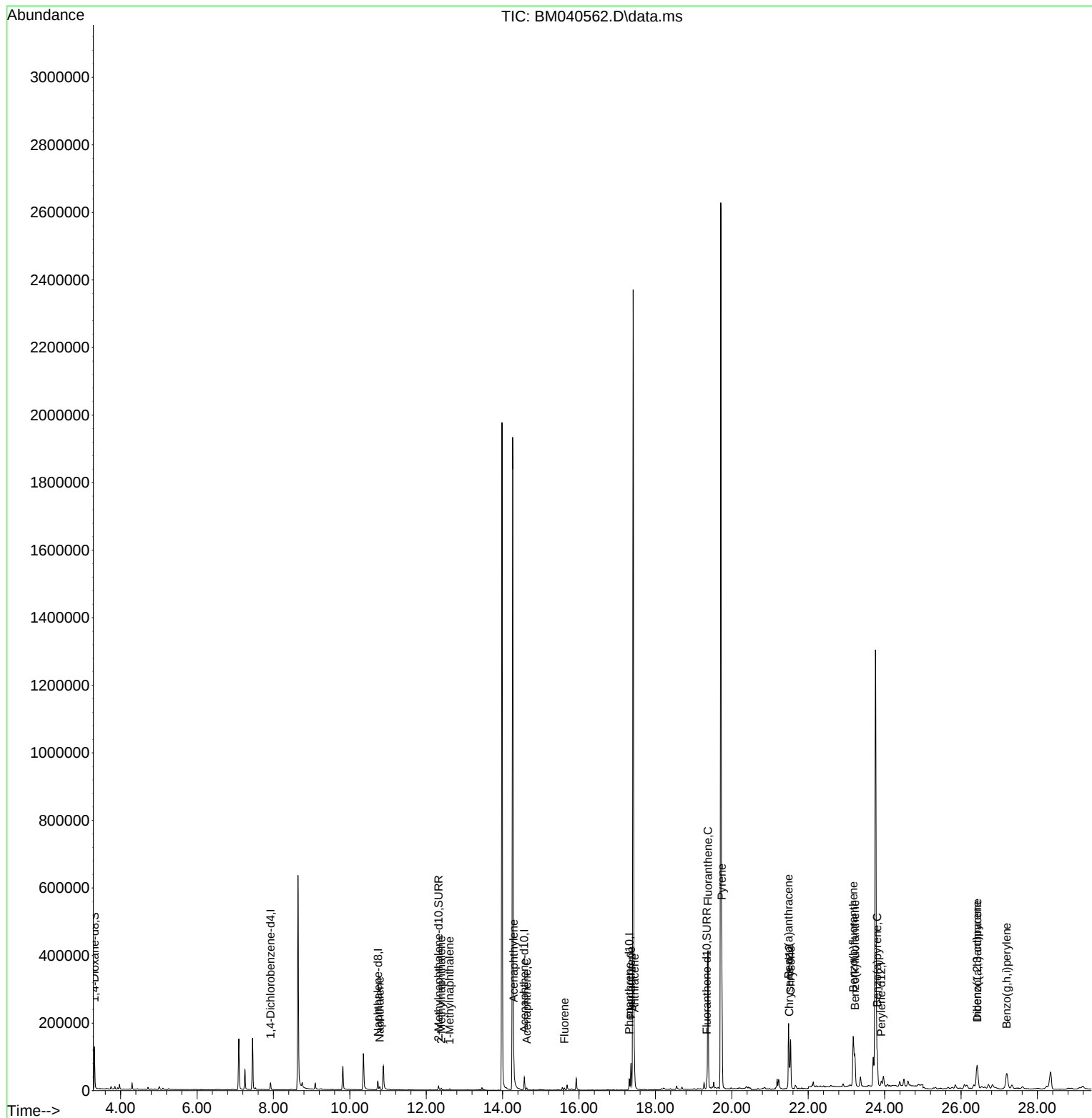
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040562.D
Acq On : 03 Jul 2023 05:19
Operator : MA/JU
Sample : 03245-07
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ALS Vial : 67 Sample Multiplier: 1

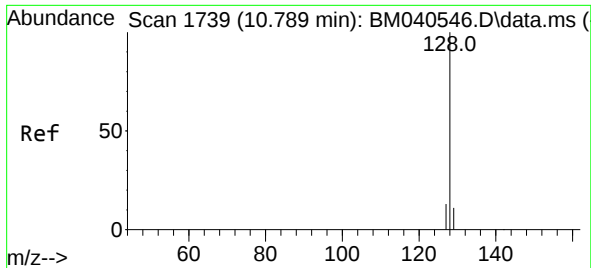
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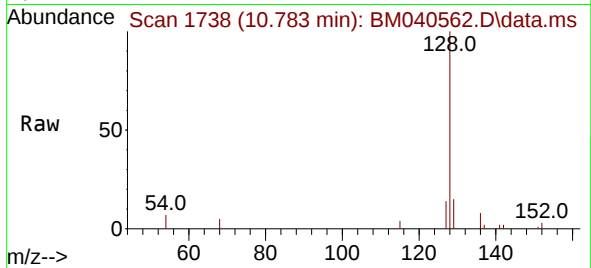
Quant Time: Jul 03 06:51:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

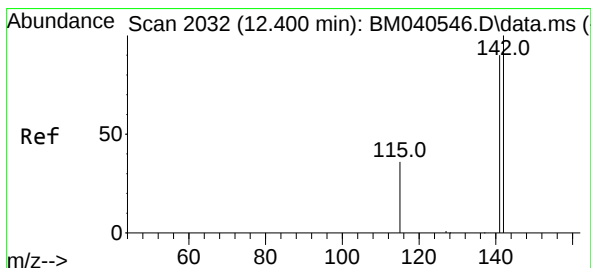
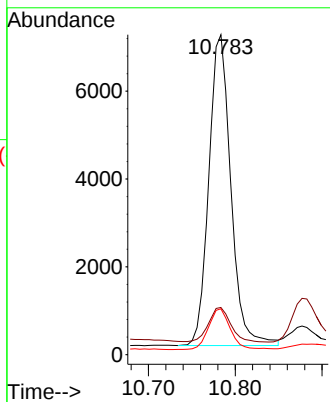
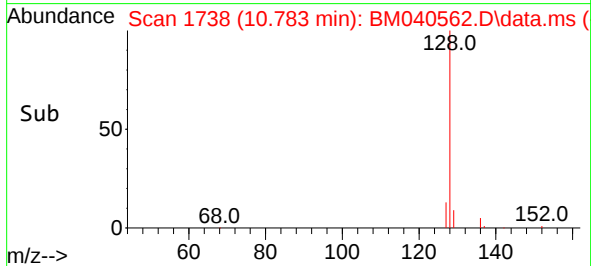
Instrument :
BNA_M
ClientSampleId :
DCG5



Tgt Ion:128 Resp: 12484
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8
127 14.3 10.6 15.8

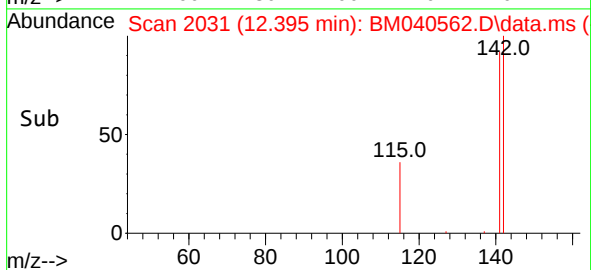
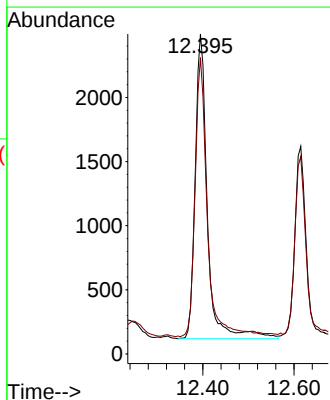
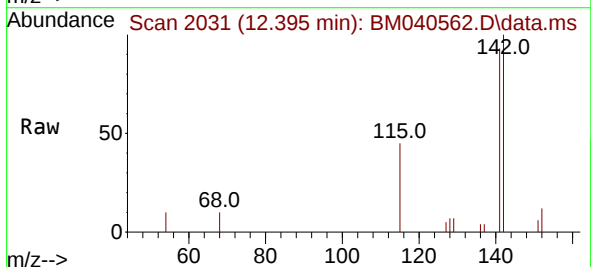
Manual Integrations
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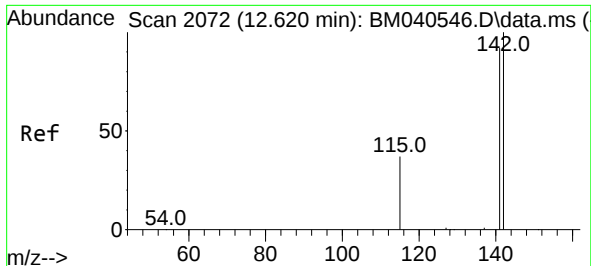
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

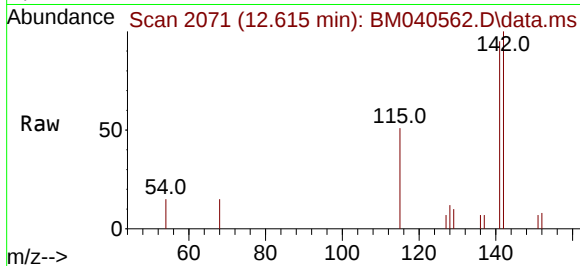
Tgt Ion:142 Resp: 4415
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

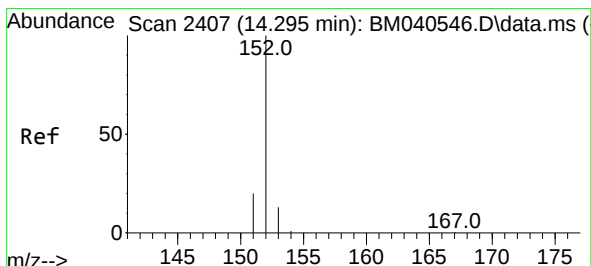
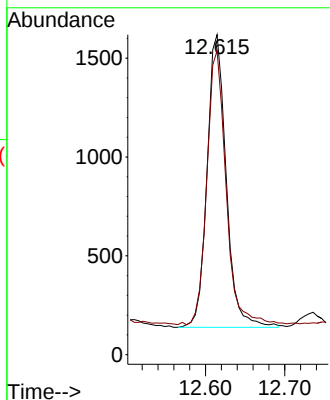
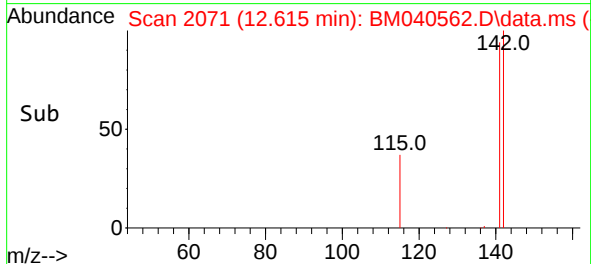
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 2489
Ion Ratio Lower Upper
142 100
141 93.3 73.7 110.5

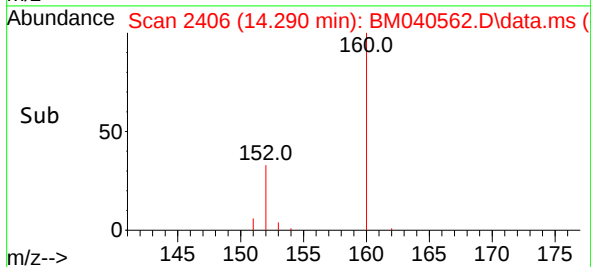
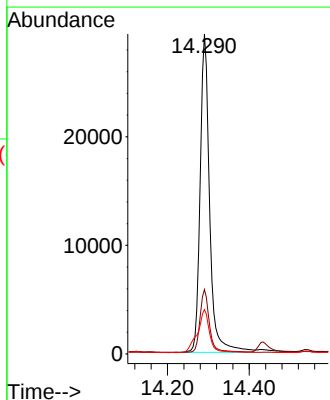
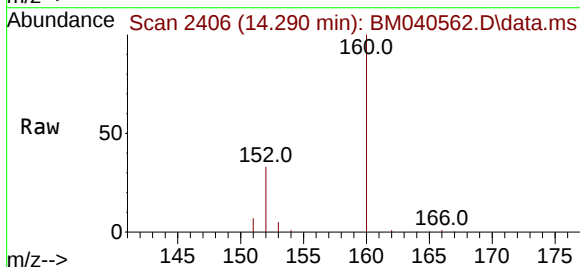
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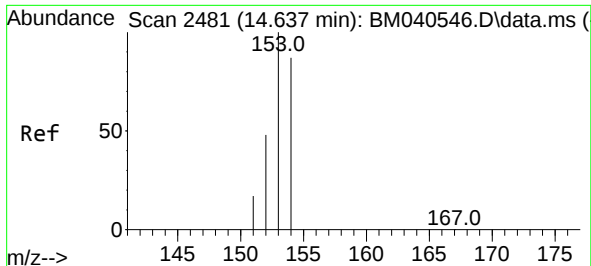
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.512 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

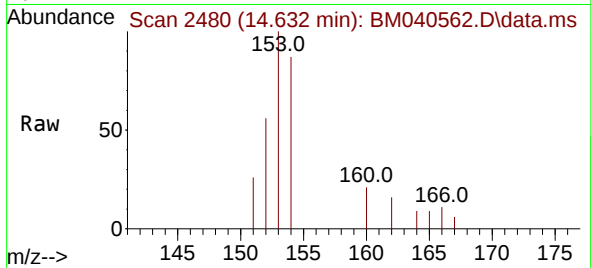
Tgt Ion:152 Resp: 47750
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.632 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

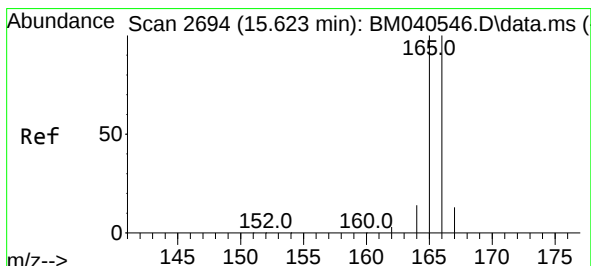
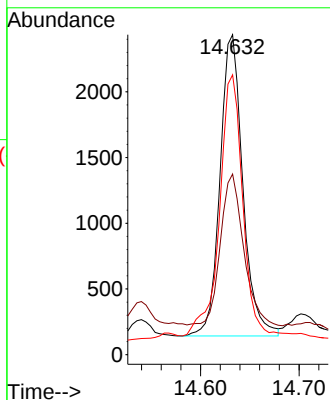
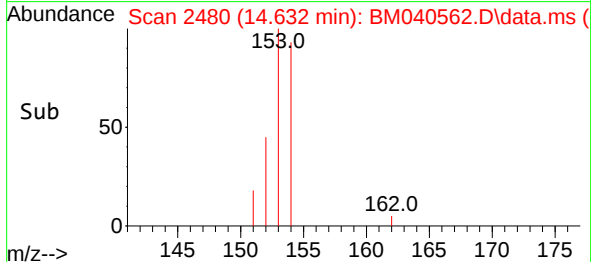
Instrument :
BNA_M
ClientSampleId :
DCGG5



Tgt Ion:153 Resp: 369
Ion Ratio Lower Upper
153 100
152 56.5 41.0 61.4
154 87.5 70.8 106.2

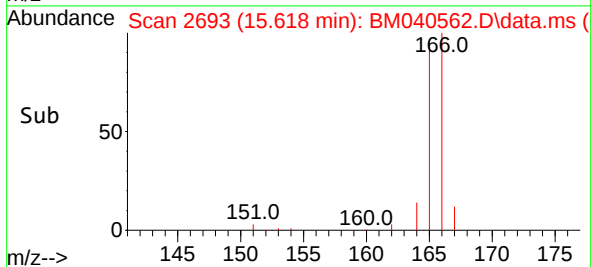
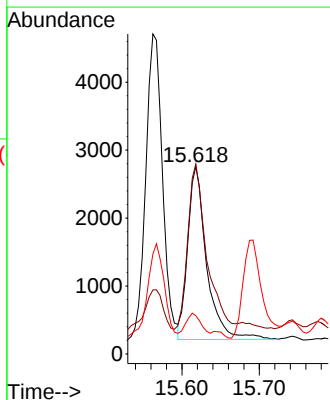
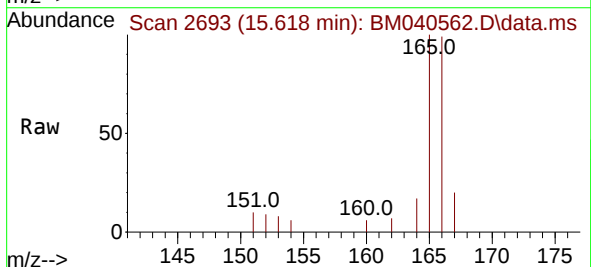
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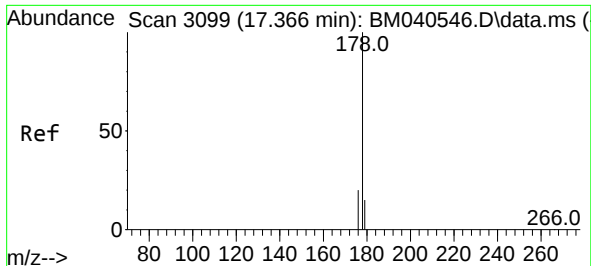
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

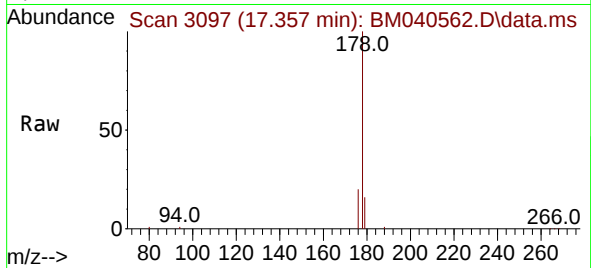
Tgt Ion:166 Resp: 4301
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 20.4 11.4 17.0#





#15
Phenanthrene
Concen: 0.699 ng/u1
RT: 17.357 min Scan# 3099
Delta R.T. -0.013 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

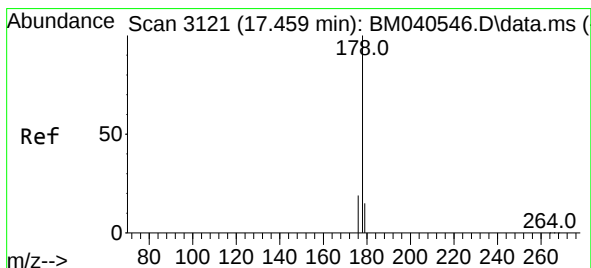
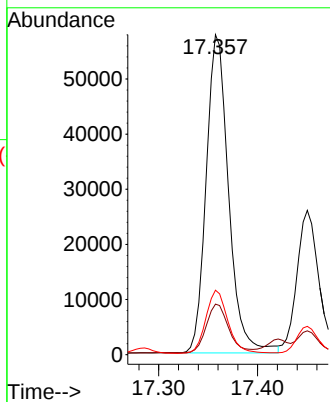
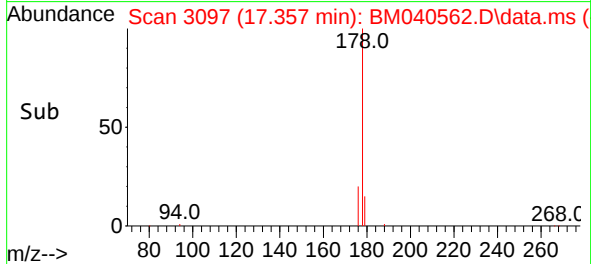
Instrument :
BNA_M
ClientSampleId :
DCGG5



Tgt Ion:178 Resp: 9085
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.1 16.4 24.6

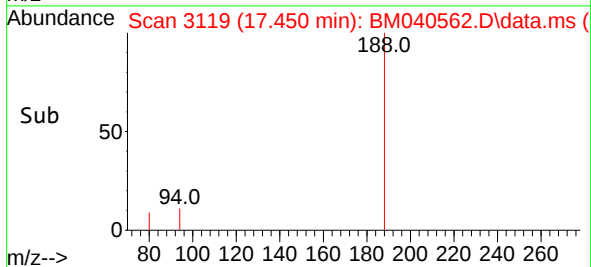
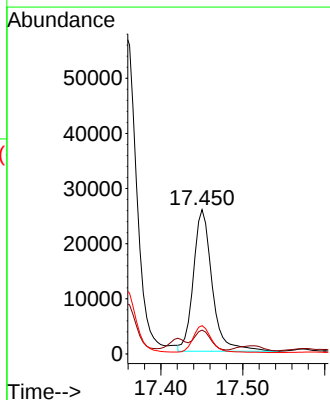
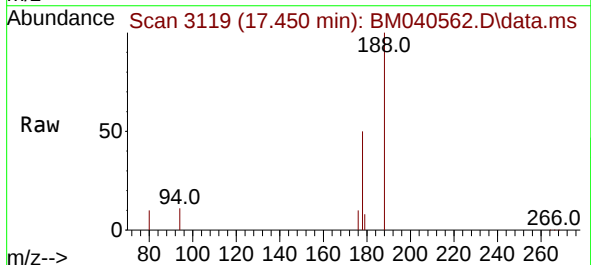
Manual Integrations
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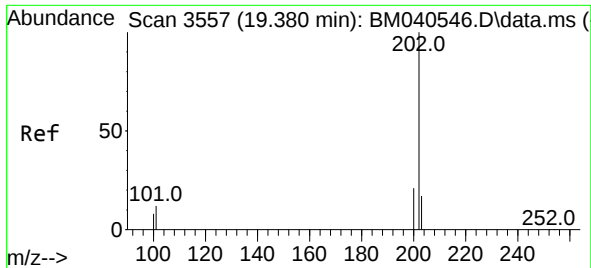
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 0.374 ng/u1
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

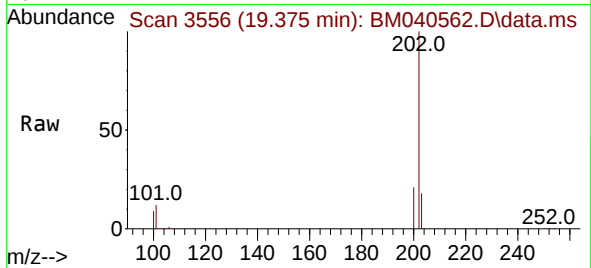
Tgt Ion:178 Resp: 40853
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.6 15.8 23.6





#19
Fluoranthene
Concen: 3.956 ng/ul
RT: 19.375 min Scan# 3557
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

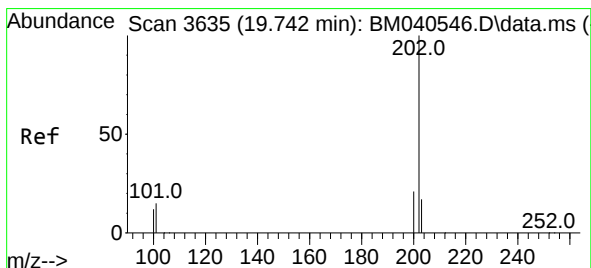
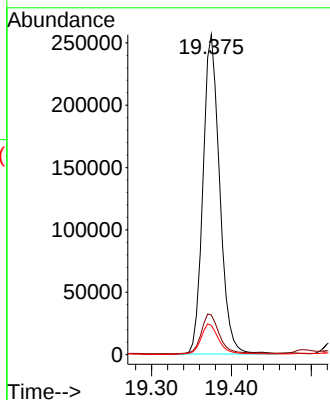
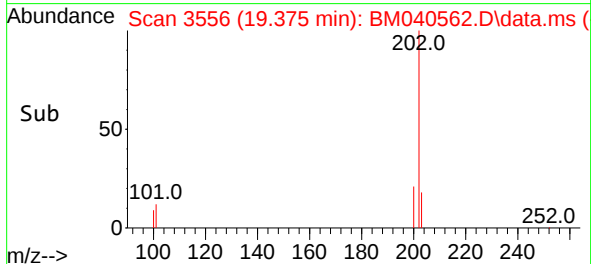
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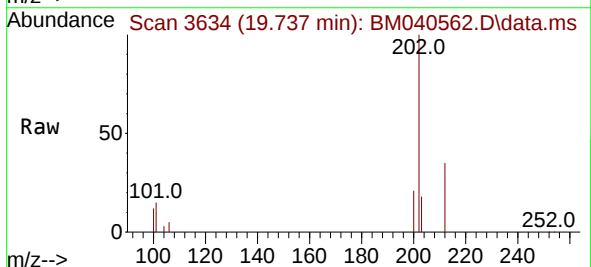
Tgt Ion:202 Resp: 371952
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.1 8.7 13.1

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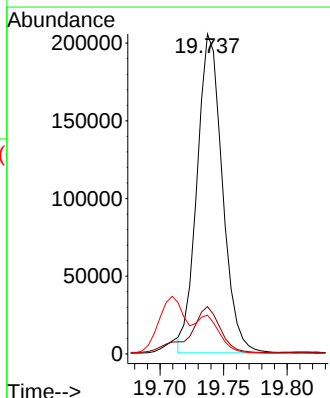
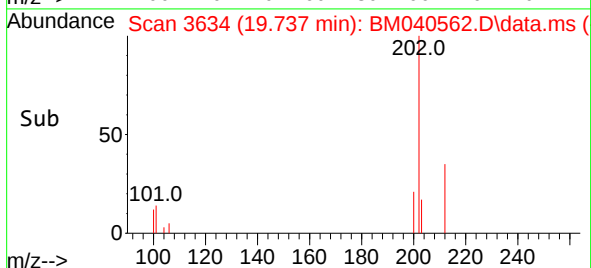
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

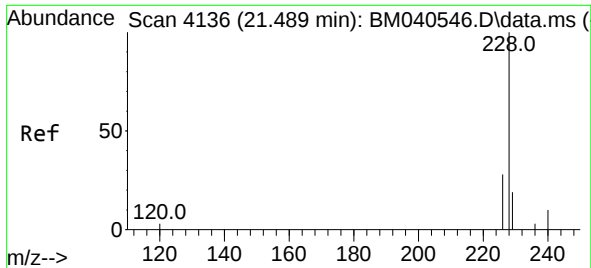


#20
Pyrene
Concen: 2.820 ng/ul m
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19



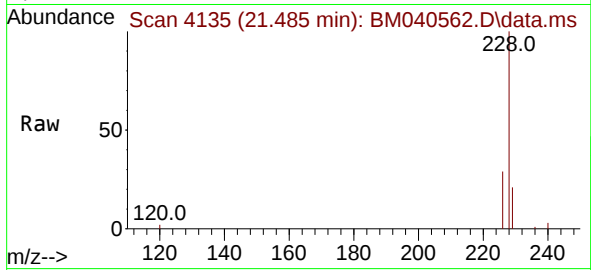
Tgt Ion:202 Resp: 284225
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.273 ng/ul
RT: 21.485 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

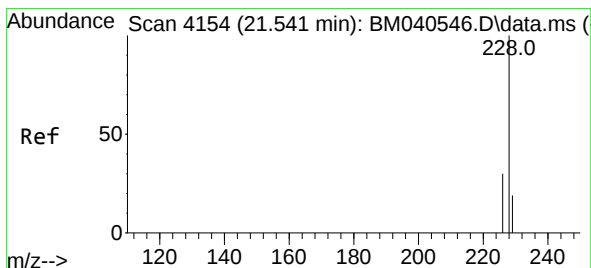
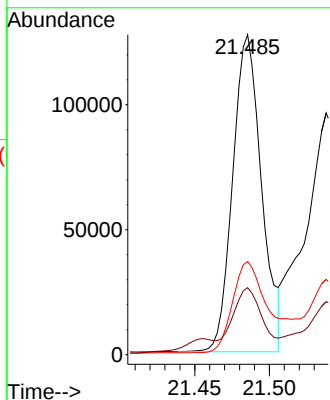
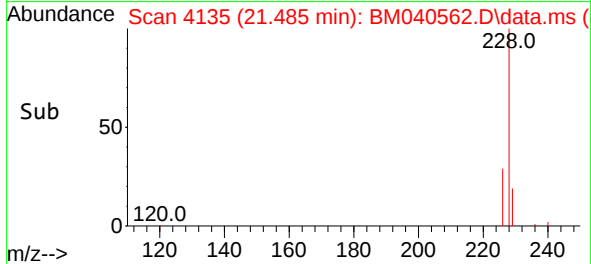
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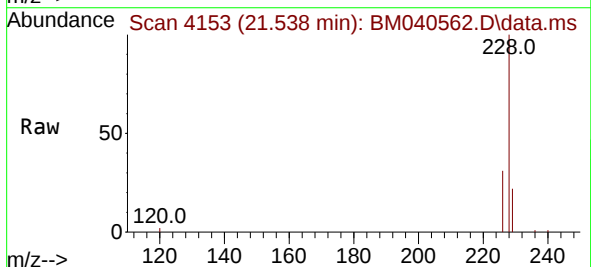
Tgt Ion:228 Resp: 17019
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 29.1 22.3 33.5

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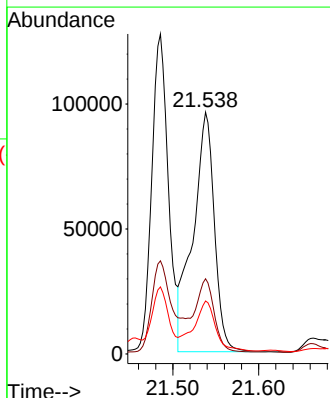
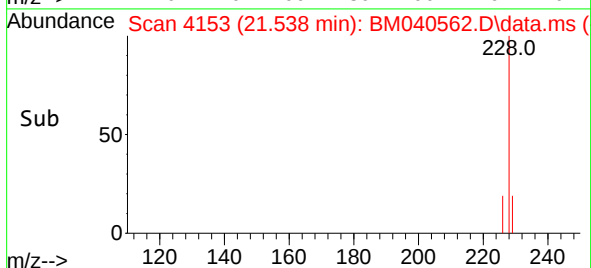
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

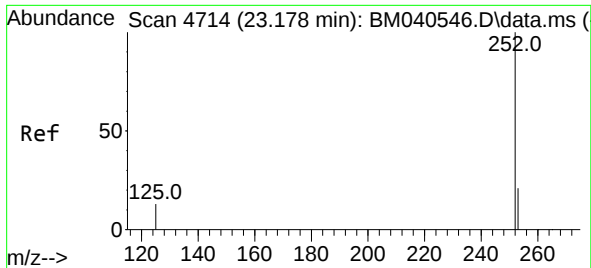


#22
Chrysene
Concen: 1.950 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19



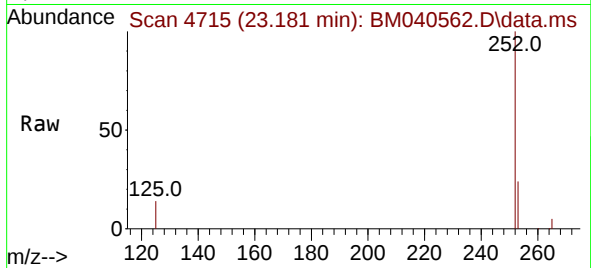
Tgt Ion:228 Resp: 166550
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.380 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

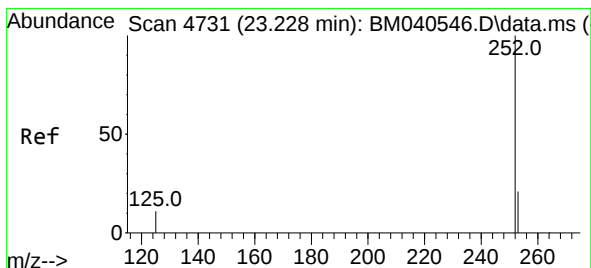
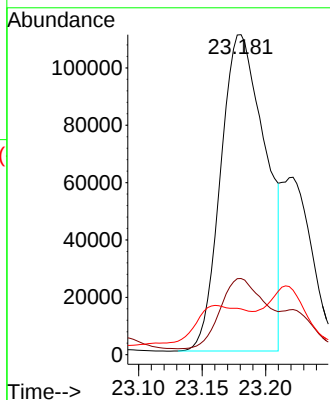
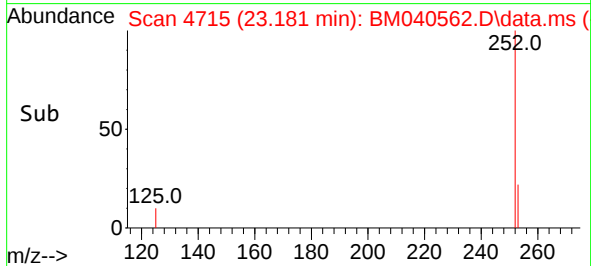
Instrument :
BNA_M
ClientSampleId :
DCGG5



Tgt Ion:252 Resp: 269848
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.8
125 14.3 0.0 43.0

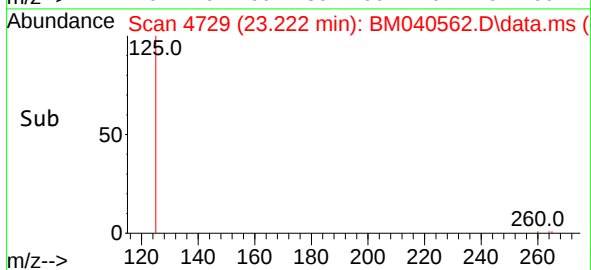
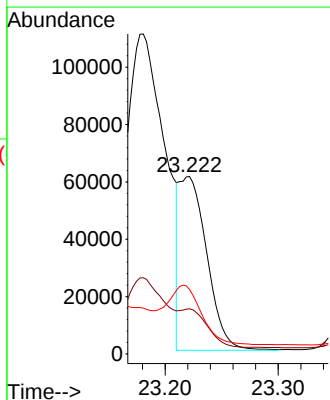
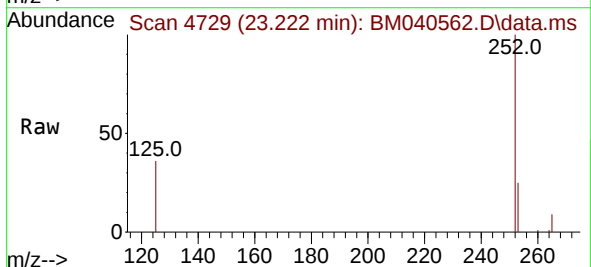
Manual Integrations
APPROVED

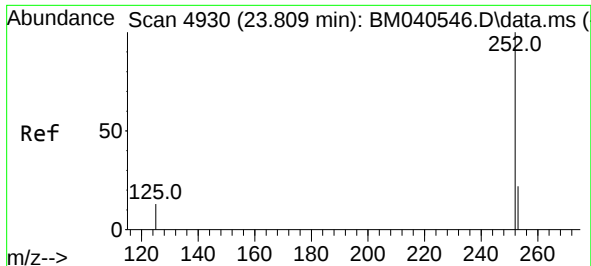
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#25
Benzo(k)fluoranthene
Concen: 1.303 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

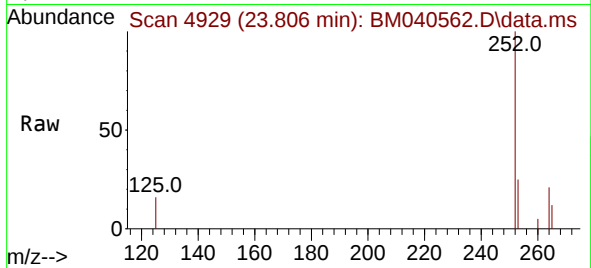
Tgt Ion:252 Resp: 102542
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 36.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.870 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

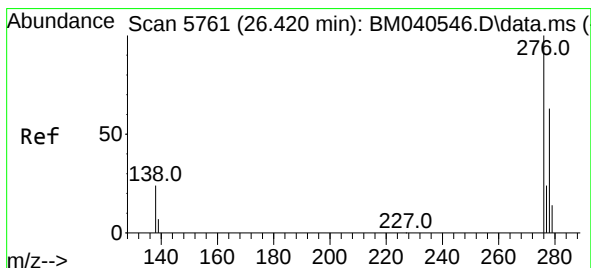
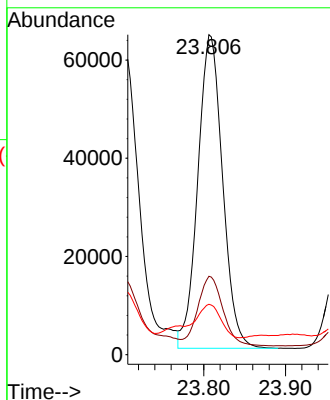
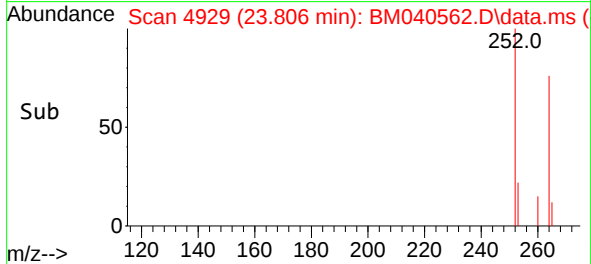
Instrument :
BNA_M
ClientSampleId :
DCGG5



Tgt Ion:252 Resp: 134462
Ion Ratio Lower Upper
252 100
253 24.5 22.9 34.3
125 15.8 21.0 31.4

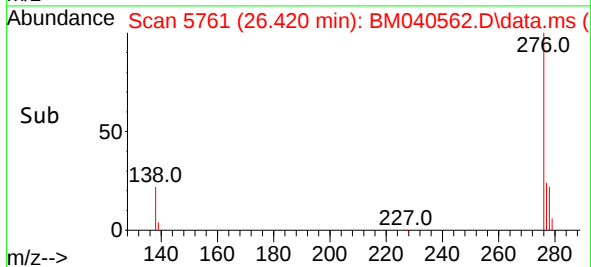
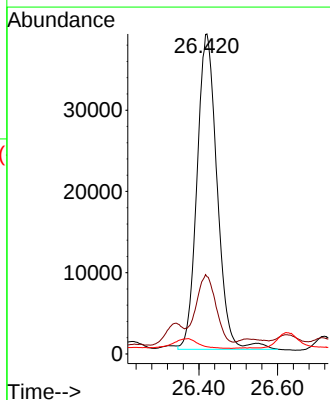
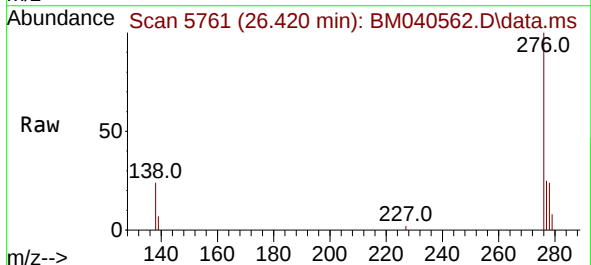
Manual Integrations
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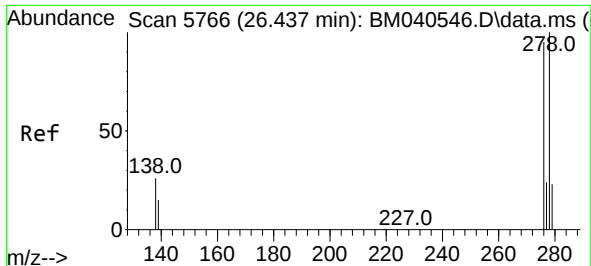
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.372 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

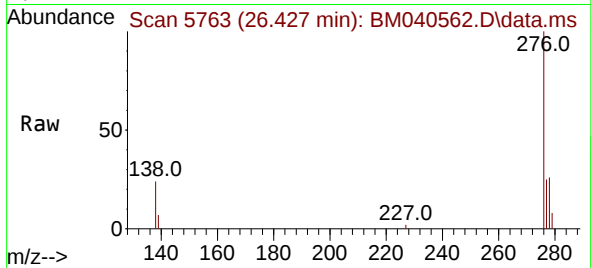
Tgt Ion:276 Resp: 137469
Ion Ratio Lower Upper
276 100
138 20.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.444 ng/ul
RT: 26.427 min Scan# 5766
Delta R.T. -0.010 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

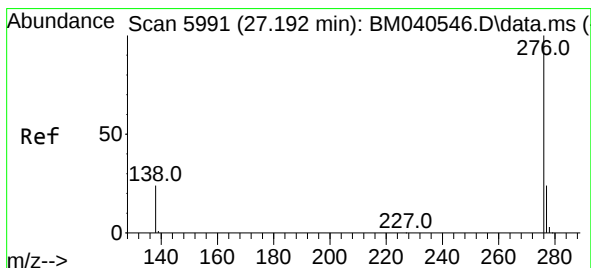
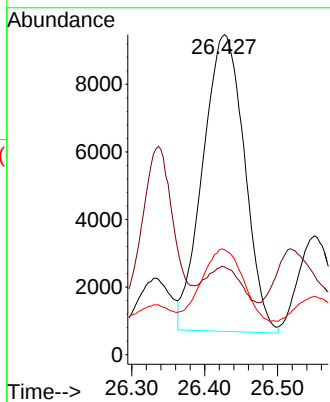
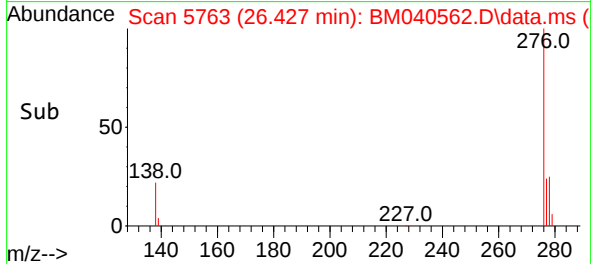
Instrument :
BNA_M
ClientSampleId :
DCG5



Tgt Ion: 278 Resp: 3478
Ion Ratio Lower Upper
278 100
139 27.5 17.9 26.9
279 32.9 22.0 33.0

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



#29
Benzo(g,h,i)perylene
Concen: 1.357 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion: 276 Resp: 119113
Ion Ratio Lower Upper
276 100
138 28.3 23.0 34.6
277 24.8 20.3 30.5

