

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040548.D
 Acq On : 02 Jul 2023 20:39
 Operator : MA/JU
 Sample : 03243-14
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD4

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:29:47 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	6855	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	24610	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.568	164	14945	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	28513	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	17943	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	16557	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	47582	4.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	10799	0.313	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	21323	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.784	128	125488	1.849	ng/ul	99
7) 2-Methylnaphthalene	12.395	142	118625	2.976	ng/ul	99
8) 1-Methylnaphthalene	12.615	142	81702	2.051	ng/ul	100
10) Acenaphthylene	14.290	152	46393	0.695	ng/ul#	94
11) Acenaphthene	14.633	153	10263	0.182	ng/ul	95
12) Fluorene	15.618	166	11174	0.186	ng/ul#	84
14) Pentachlorophenol	16.973	266	195	0.036	ng/ul#	78
15) Phenanthrene	17.362	178	351932	3.974	ng/ul	99
16) Anthracene	17.450	178	36524	0.491	ng/ul	98
19) Fluoranthene	19.375	202	487238	6.393	ng/ul	96
20) Pyrene	19.737	202	392220	4.800	ng/ul	99
21) Benzo(a)anthracene	21.486	228	215194	3.546	ng/ul	95
22) Chrysene	21.538	228	238866	3.450	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	380223	5.934	ng/ul	91
25) Benzo(k)fluoranthene	23.222	252	117548m	1.861	ng/ul	
26) Benzo(a)pyrene	23.806	252	197220	3.417	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.420	276	198040	2.464	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.430	278	49444	0.786	ng/ul#	87
29) Benzo(g,h,i)perylene	27.202	276	179892	2.553	ng/ul	97

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

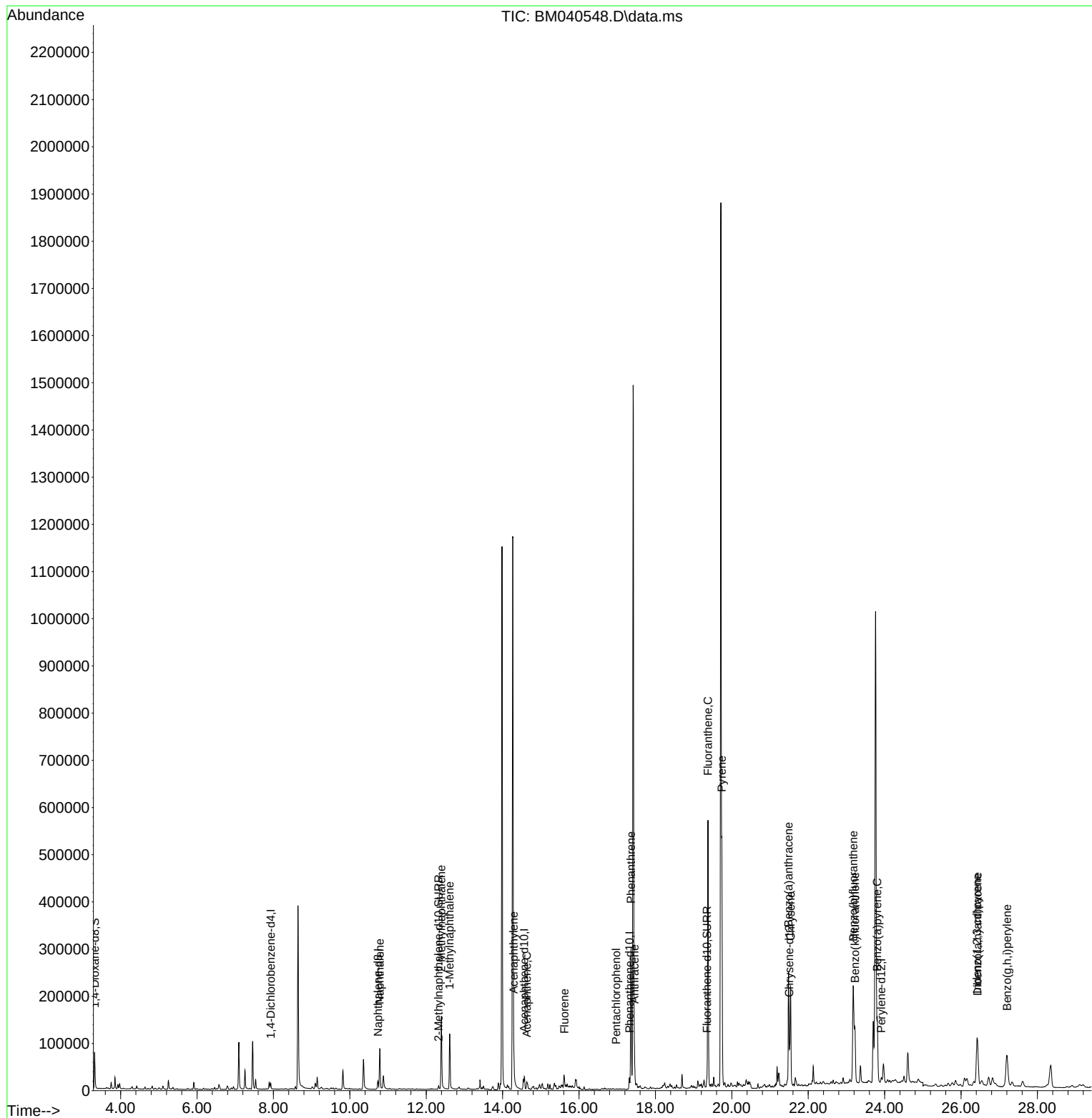
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040548.D
Acq On : 02 Jul 2023 20:39
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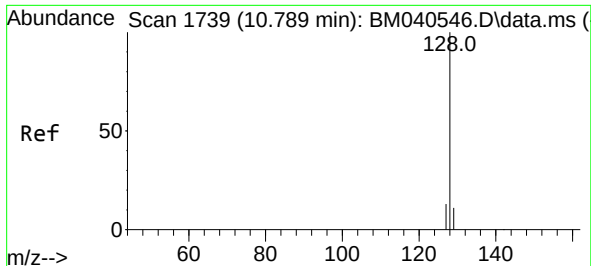
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Quant Time: Jul 03 02:29:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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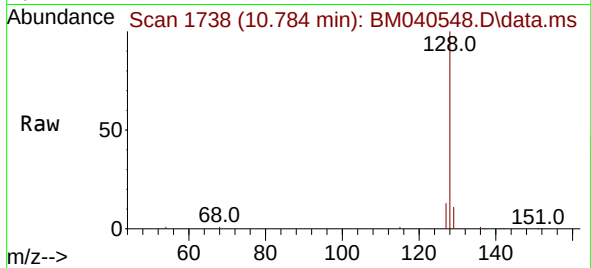
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#5
Naphthalene
Concen: 1.849 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

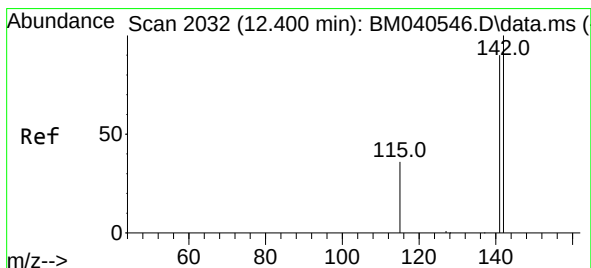
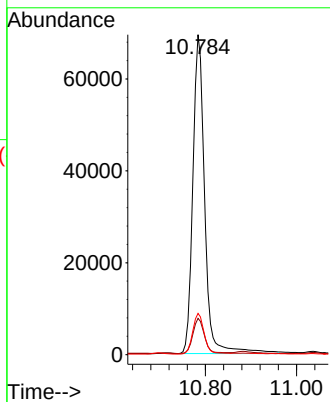
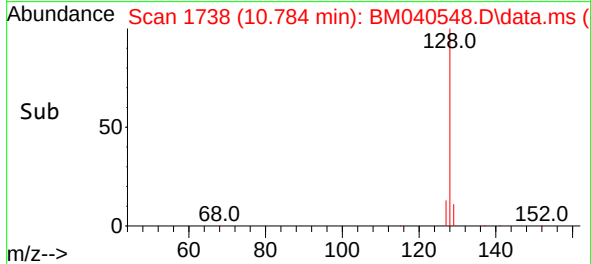
Instrument :
BNA_M
ClientSampleId :
DCGD4



Tgt Ion:128 Resp: 125488
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.9 10.6 15.8

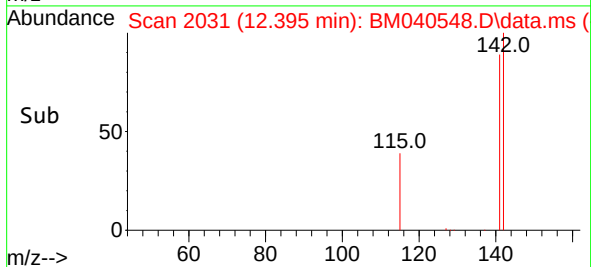
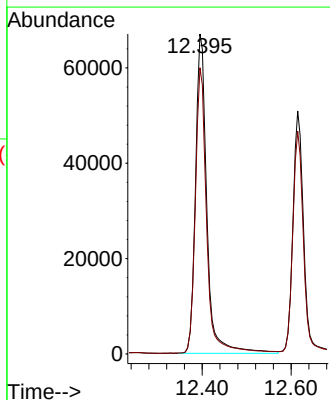
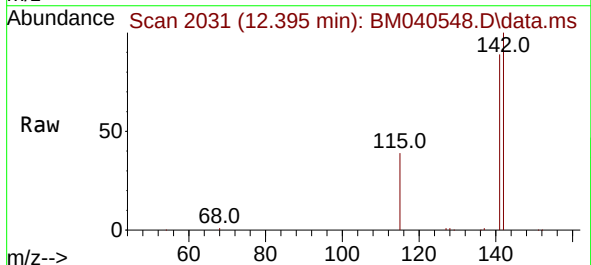
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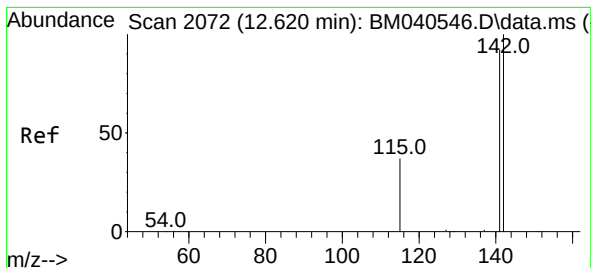
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 2.976 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

Tgt Ion:142 Resp: 118625
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 2.051 ng/ul

RT: 12.615 min Scan# 2071

Delta R.T. -0.011 min

Lab File: BM040548.D

Acq: 02 Jul 2023 20:39

Instrument :

BNA_M

ClientSampleId :

DCGD4

Tgt Ion:142 Resp: 8170

Ion Ratio Lower Upper

142 100

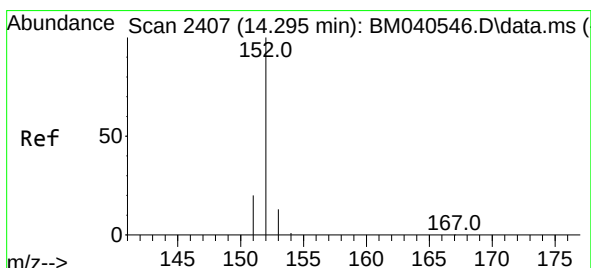
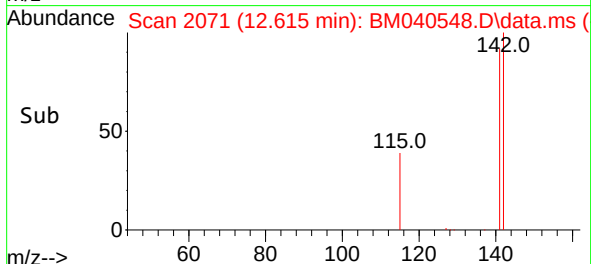
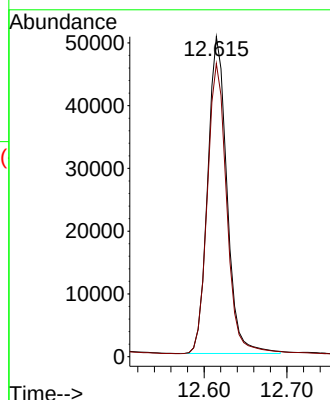
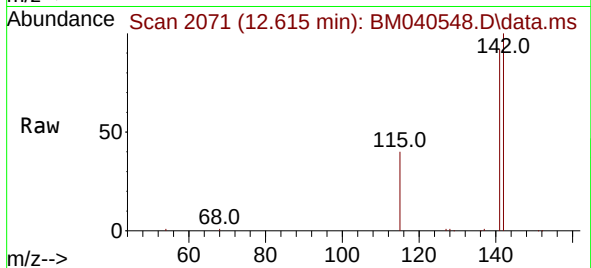
141 92.1 73.7 110.5

Manual Integrations

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#10

Acenaphthylene

Concen: 0.695 ng/ul

RT: 14.290 min Scan# 2406

Delta R.T. -0.009 min

Lab File: BM040548.D

Acq: 02 Jul 2023 20:39

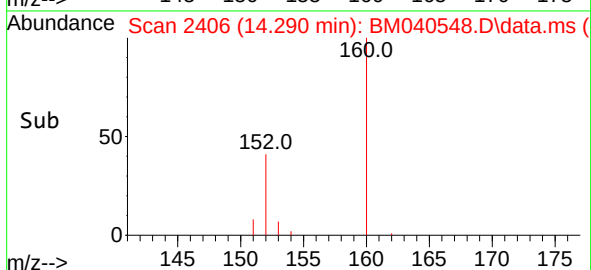
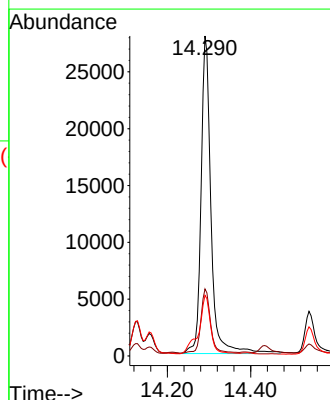
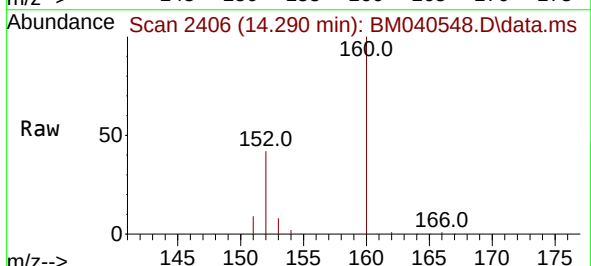
Tgt Ion:152 Resp: 46393

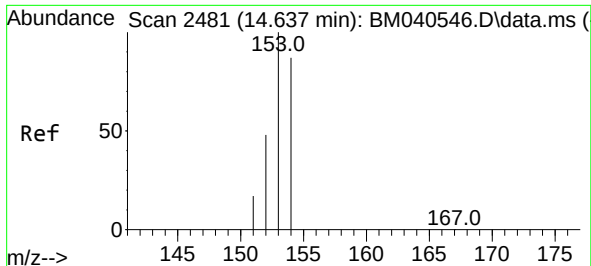
Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.2

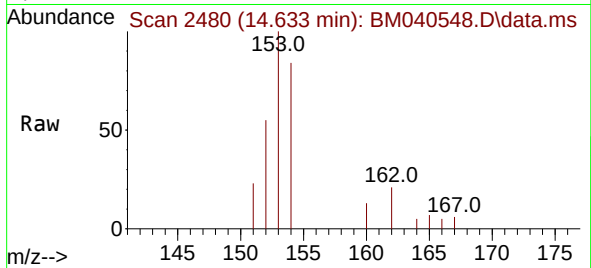
153 19.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

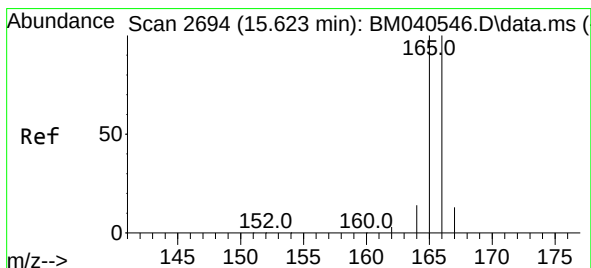
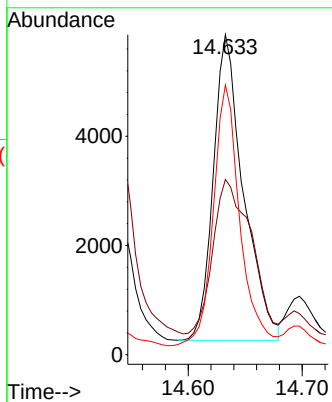
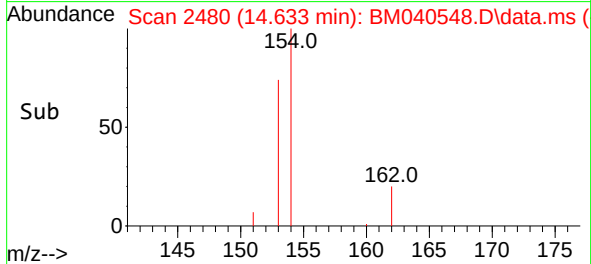
Instrument :
BNA_M
ClientSampleId :
DCGD4



Tgt Ion:153 Resp: 1026
Ion Ratio Lower Upper
153 100
152 54.7 41.0 61.4
154 84.2 70.8 106.2

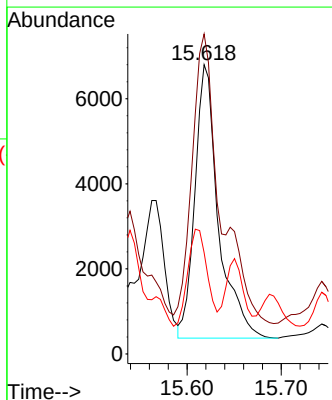
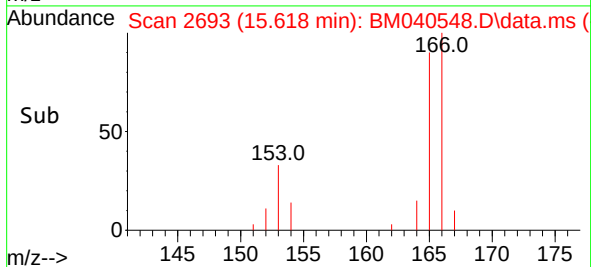
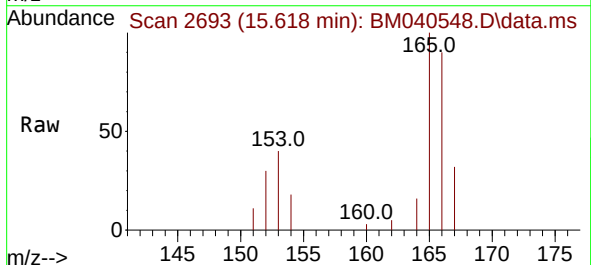
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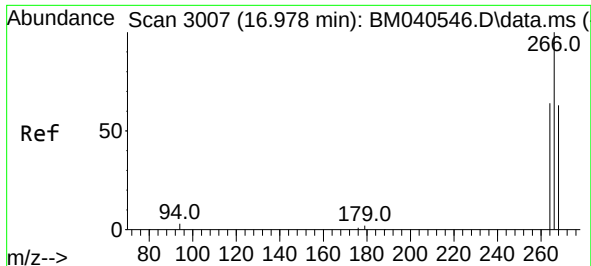
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.186 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

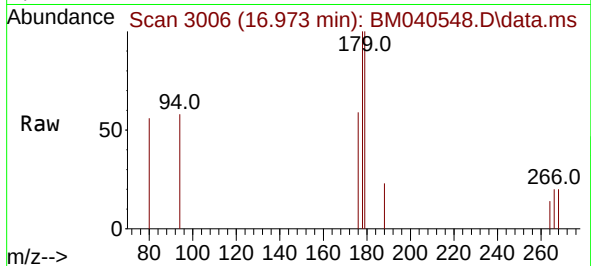
Tgt Ion:166 Resp: 11174
Ion Ratio Lower Upper
166 100
165 110.6 79.6 119.4
167 35.0 11.4 17.0#





#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 16.973 min Scan# 3006
Delta R.T. -0.008 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

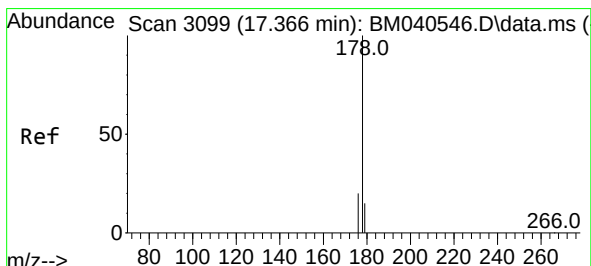
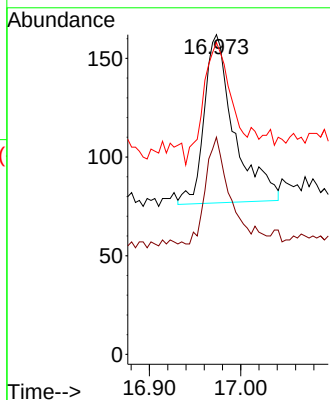
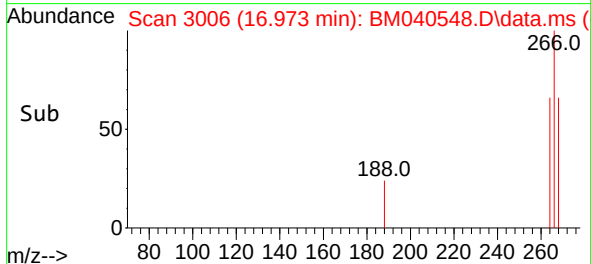
Instrument :
BNA_M
ClientSampleId :
DCGD4



Tgt Ion:266 Resp: 195
Ion Ratio Lower Upper
266 100
264 52.3 45.4 68.0
268 87.2 47.2 70.8

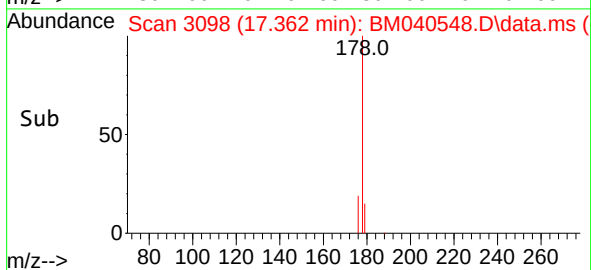
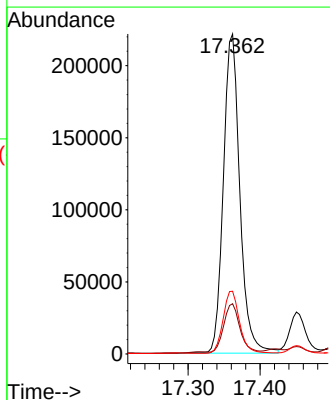
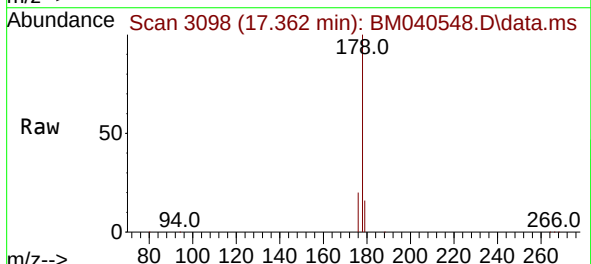
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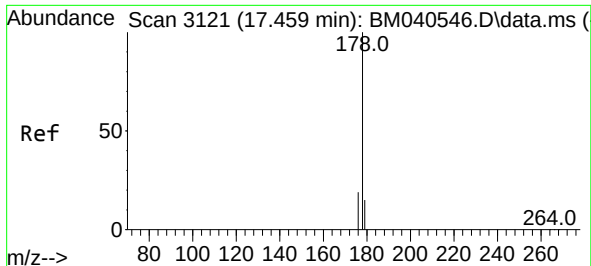
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#15
Phenanthrene
Concen: 3.974 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

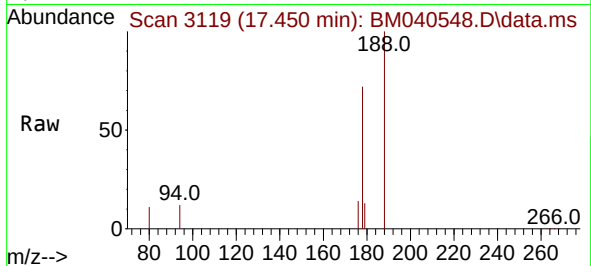
Tgt Ion:178 Resp: 351932
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.6 16.4 24.6





#16
 Anthracene
 Concen: 0.491 ng/ul
 RT: 17.450 min Scan# 3119
 Delta R.T. -0.013 min
 Lab File: BM040548.D
 Acq: 02 Jul 2023 20:39

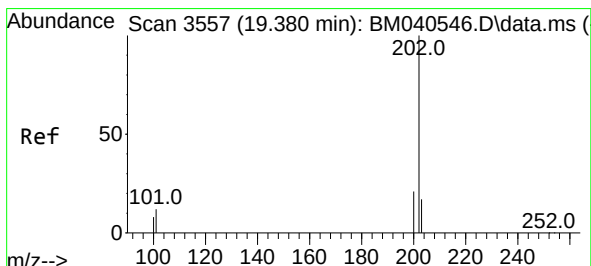
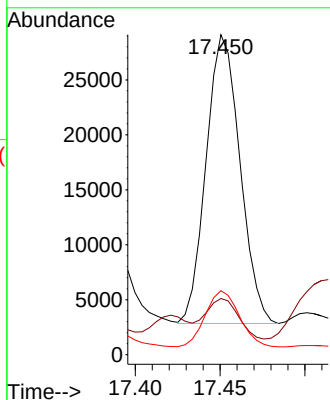
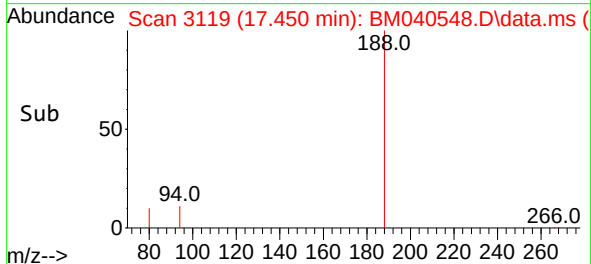
Instrument :
 BNA_M
 ClientSampleId :
 DCGD4



Tgt Ion:178 Resp: 36524
 Ion Ratio Lower Upper
 178 100
 179 17.5 12.9 19.3
 176 20.0 15.8 23.6

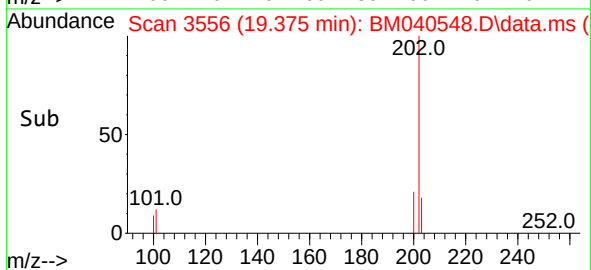
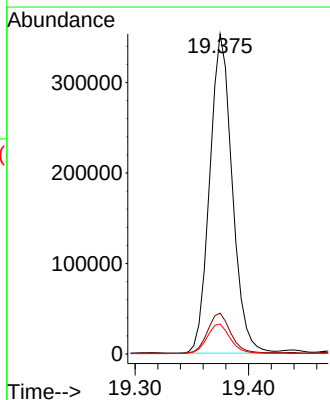
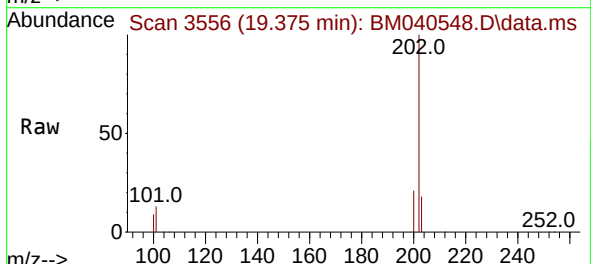
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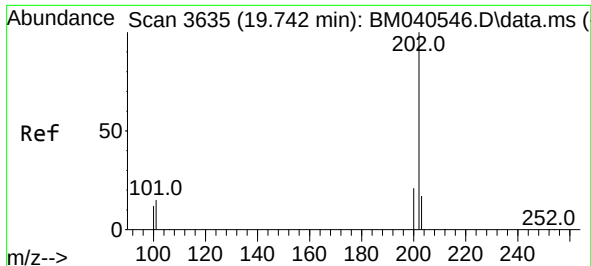
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023



#19
 Fluoranthene
 Concen: 6.393 ng/ul
 RT: 19.375 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BM040548.D
 Acq: 02 Jul 2023 20:39

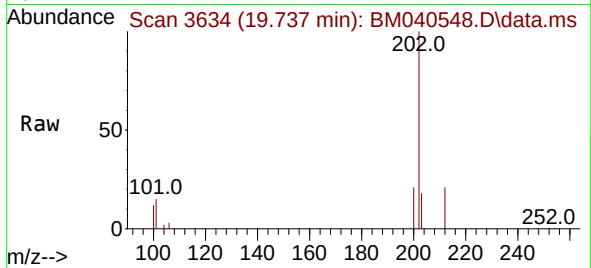
Tgt Ion:202 Resp: 487238
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.4 17.0
 100 9.4 8.7 13.1





#20
Pyrene
Concen: 4.800 ng/ul
RT: 19.737 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

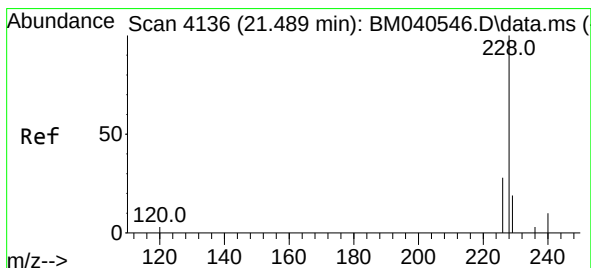
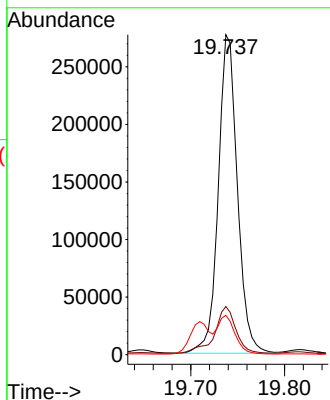
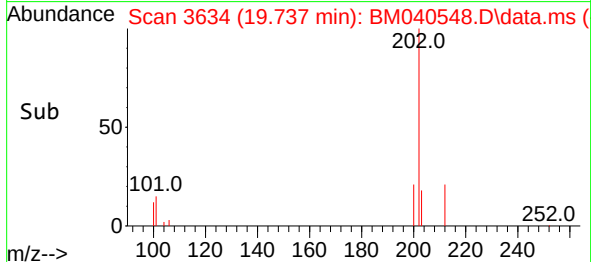
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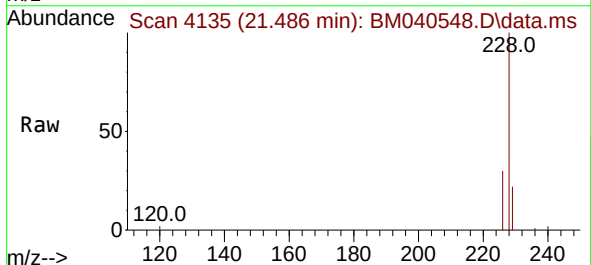
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Ion Ratio Lower Upper
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101 15.1 12.6 18.8
100 12.3 9.8 14.6

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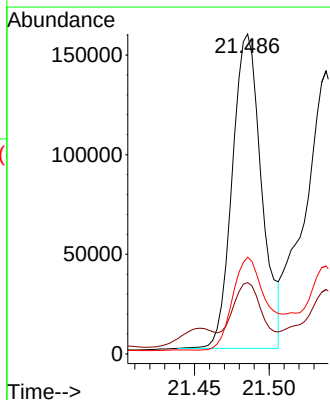
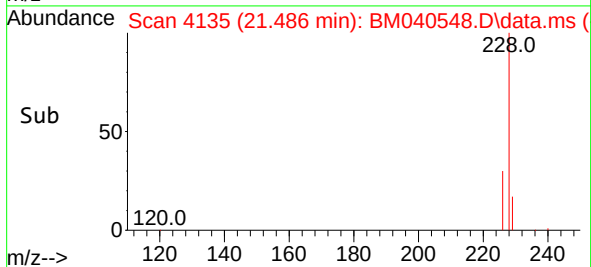
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

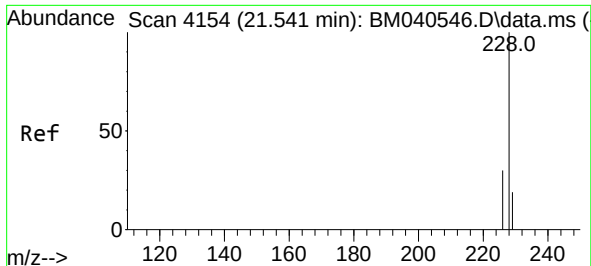


#21
Benzo(a)anthracene
Concen: 3.546 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39



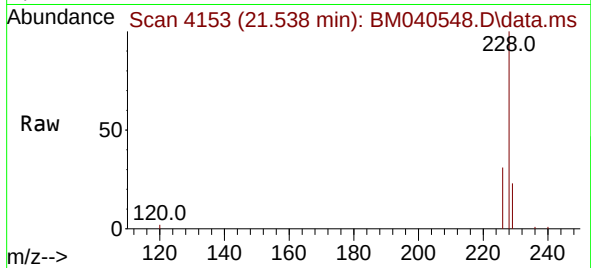
Tgt Ion:228 Resp: 215194
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 30.3 22.3 33.5





#22
Chrysene
Concen: 3.450 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

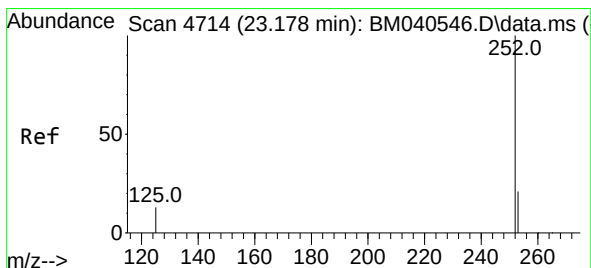
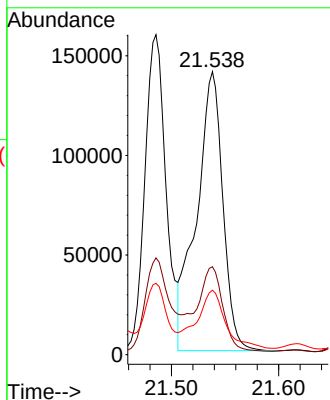
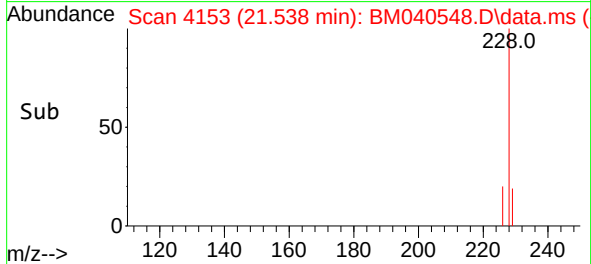
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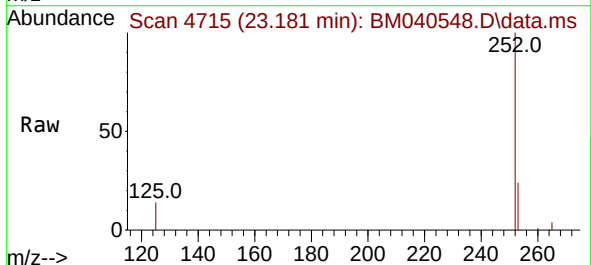
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Ion Ratio Lower Upper
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226 31.1 24.9 37.3
229 22.8 15.8 23.6

Manual Integrations
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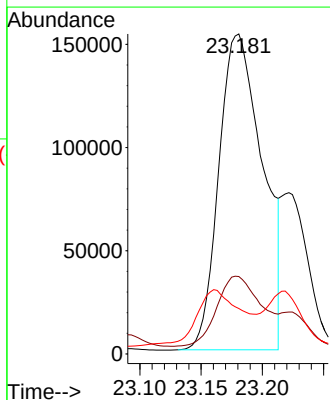
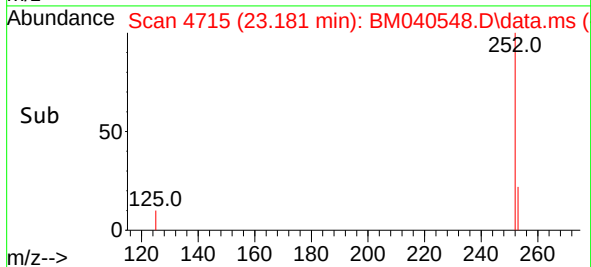
Reviewed By :Yogesh Patel 07/03/2023
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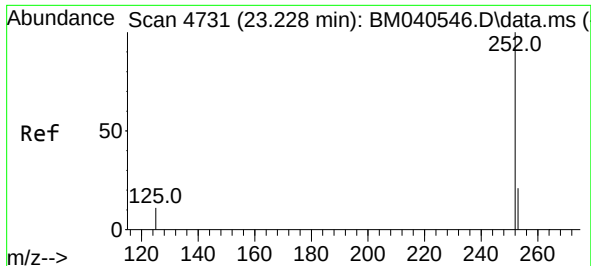


#24
Benzo(b)fluoranthene
Concen: 5.934 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39



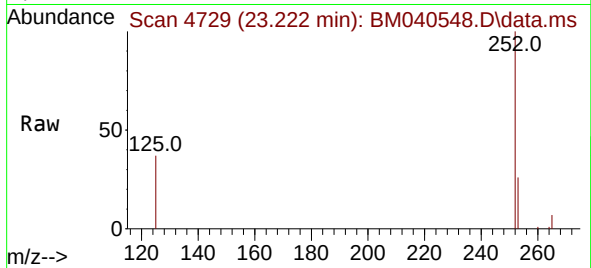
Tgt Ion:252 Resp: 380223
Ion Ratio Lower Upper
252 100
253 24.2 0.0 52.8
125 14.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 1.861 ng/ul m
RT: 23.222 min Scan# 4731
Delta R.T. -0.006 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

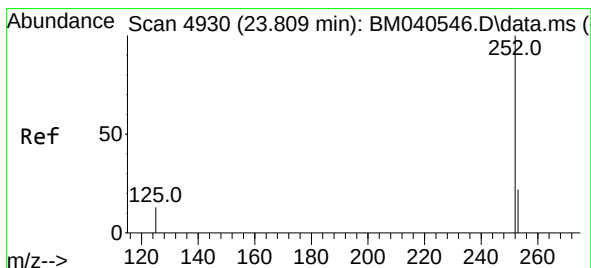
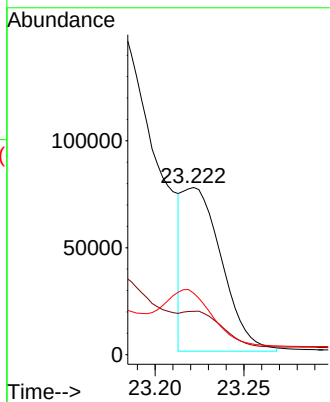
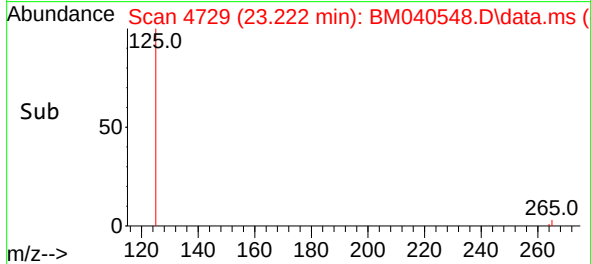
Instrument :
BNA_M
ClientSampleId :
DCGD4



Tgt Ion:252 Resp: 117548
Ion Ratio Lower Upper
252 100
253 25.9 21.2 31.8
125 36.7 16.4 24.6

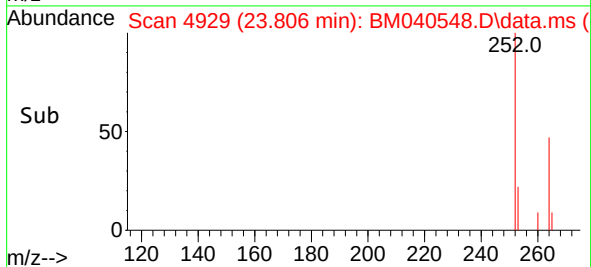
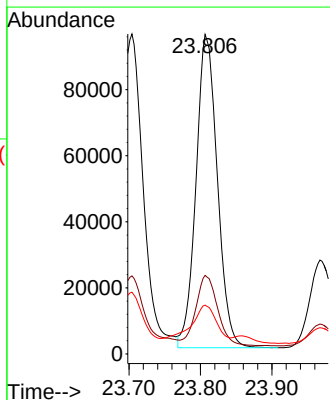
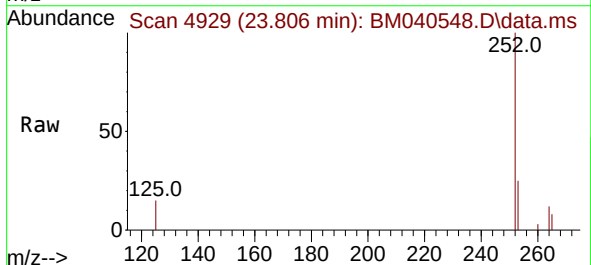
Manual Integrations
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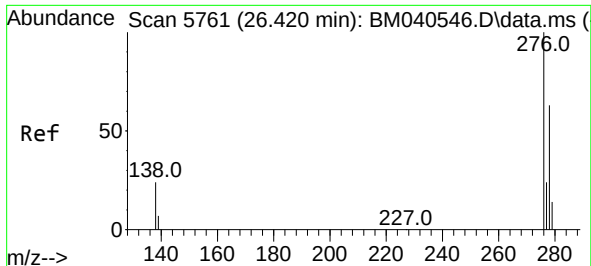
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#26
Benzo(a)pyrene
Concen: 3.417 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

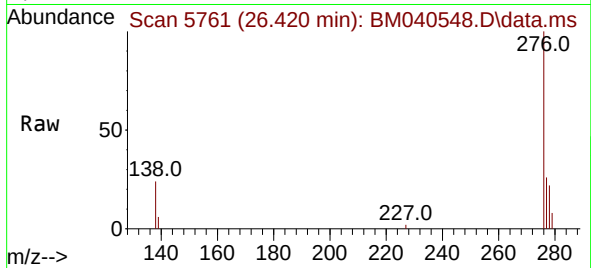
Tgt Ion:252 Resp: 197220
Ion Ratio Lower Upper
252 100
253 24.6 22.9 34.3
125 15.3 21.0 31.4





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.464 ng/ul
 RT: 26.420 min Scan# 5761
 Delta R.T. 0.000 min
 Lab File: BM040548.D
 Acq: 02 Jul 2023 20:39

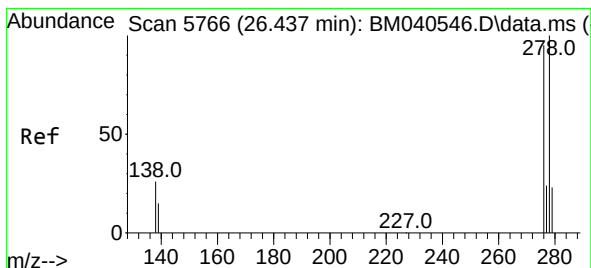
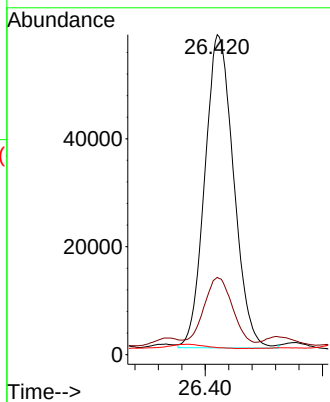
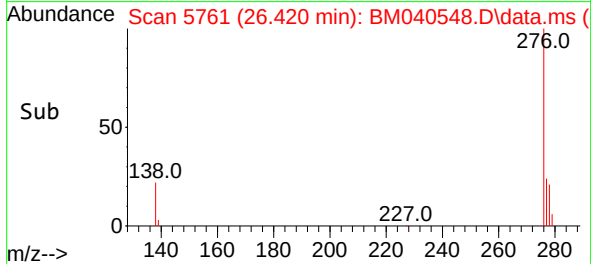
Instrument :
 BNA_M
 ClientSampleId :
 DCGD4



Tgt Ion:276 Resp: 198040
 Ion Ratio Lower Upper
 276 100
 138 21.7 24.5 36.7#
 227 0.0 0.1 0.1#

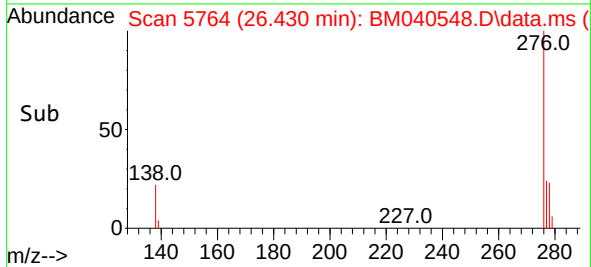
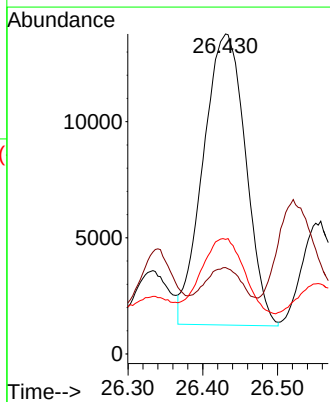
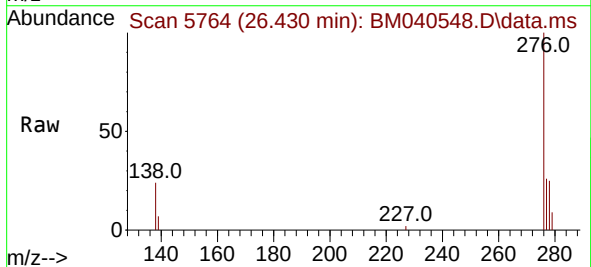
Manual Integrations
 APPROVED

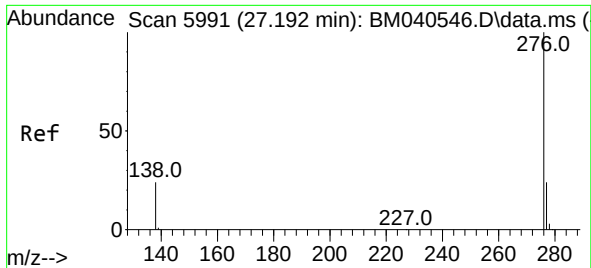
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.786 ng/ul
 RT: 26.430 min Scan# 5764
 Delta R.T. -0.007 min
 Lab File: BM040548.D
 Acq: 02 Jul 2023 20:39

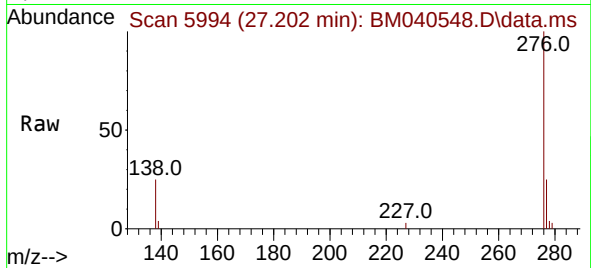
Tgt Ion:278 Resp: 49444
 Ion Ratio Lower Upper
 278 100
 139 27.0 17.9 26.9#
 279 35.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 2.553 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040548.D
Acq: 02 Jul 2023 20:39

Instrument :
BNA_M
ClientSampleId :
DCGD4



Tgt Ion:276 Resp: 179892
Ion Ratio Lower Upper
276 100
138 25.4 23.0 34.6
277 25.4 20.3 30.5

Manual Integrations
APPROVED

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

