

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040533.D
 Acq On : 02 Jul 2023 10:41
 Operator : MA/JU
 Sample : 03242-22
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC3

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:11:27 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	7992	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	29794	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.572	164	14787	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	30321	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	20132	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	22708	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	24298	1.936	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	6336	0.152	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	11045	0.171	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.789	128	6911	0.084	ng/ul#	92
7) 2-Methylnaphthalene	12.400	142	2069	0.043	ng/ul	82
8) 1-Methylnaphthalene	12.620	142	1302	0.027	ng/ul	100
10) Acenaphthylene	14.295	152	1532	0.023	ng/ul#	69
11) Acenaphthene	14.633	153	8766	0.157	ng/ul	99
12) Fluorene	15.623	166	12834	0.216	ng/ul	99
15) Phenanthrene	17.362	178	204368	2.170	ng/ul	98
16) Anthracene	17.450	178	39586	0.500	ng/ul	99
19) Fluoranthene	19.375	202	251785	2.944	ng/ul	97
20) Pyrene	19.742	202	178344	1.945	ng/ul	97
21) Benzo(a)anthracene	21.488	228	93256	1.369	ng/ul	99
22) Chrysene	21.541	228	91209	1.174	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	105740	1.203	ng/ul	79
25) Benzo(k)fluoranthene	23.224	252	35381m	0.409	ng/ul	
26) Benzo(a)pyrene	23.809	252	66074	0.835	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.420	276	54034	0.490	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.430	278	14049	0.163	ng/ul#	42
29) Benzo(g,h,i)perylene	27.195	276	46348	0.480	ng/ul	97

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

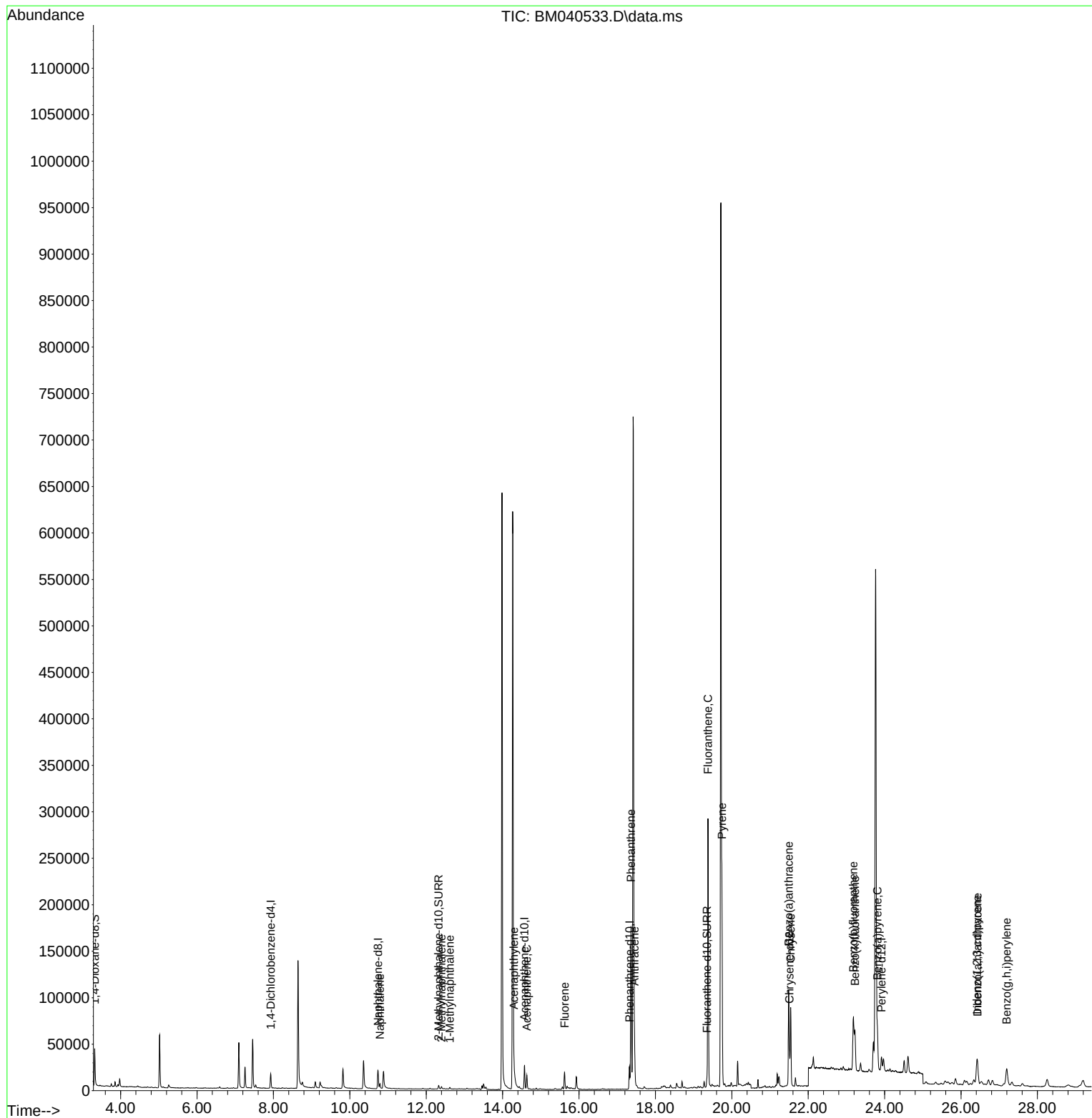
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040533.D
Acq On : 02 Jul 2023 10:41
Operator : MA/JU
Sample : 03242-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

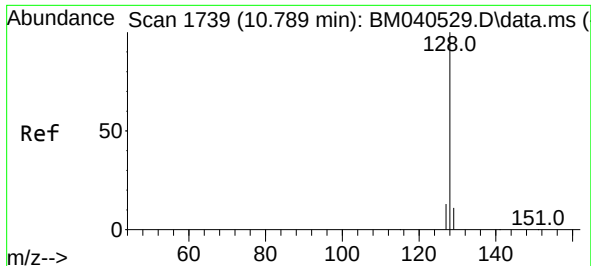
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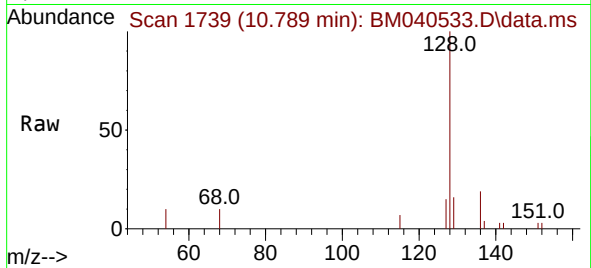
Quant Time: Jul 02 12:11:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.084 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

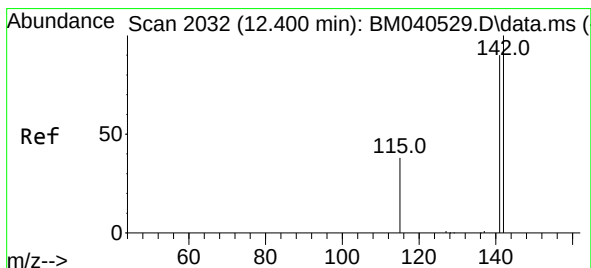
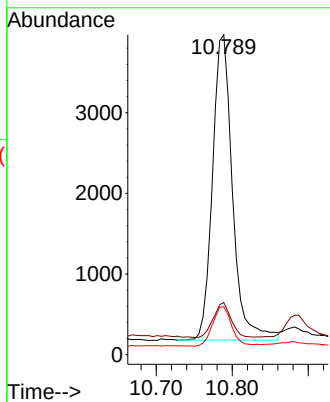
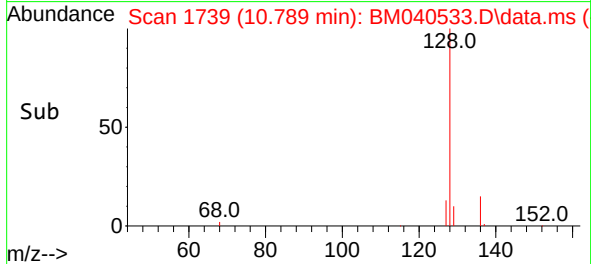
Instrument :
BNA_M
ClientSampleId :
DCGC3



Tgt Ion:128 Resp: 691
Ion Ratio Lower Upper
128 100
129 16.3 9.2 13.8
127 15.0 10.6 15.8

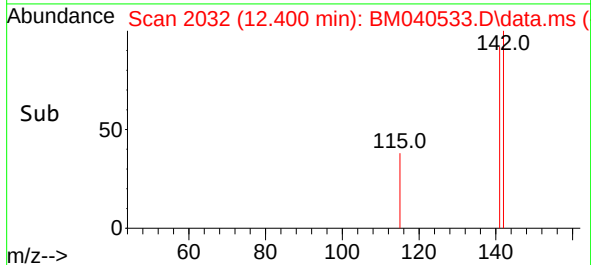
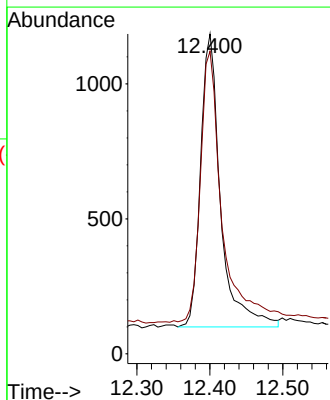
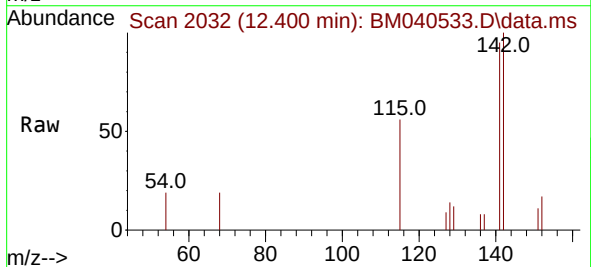
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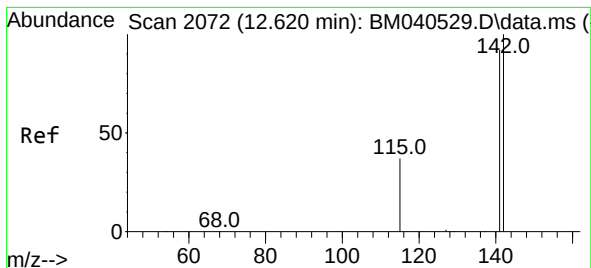
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

Tgt Ion:142 Resp: 2069
Ion Ratio Lower Upper
142 100
141 106.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.620 min Scan# 2072

Delta R.T. -0.005 min

Lab File: BM040533.D

Acq: 02 Jul 2023 10:41

Instrument :

BNA_M

ClientSampleId :

DCGC3

Tgt Ion:142 Resp: 1302

Ion Ratio Lower Upper

142 100

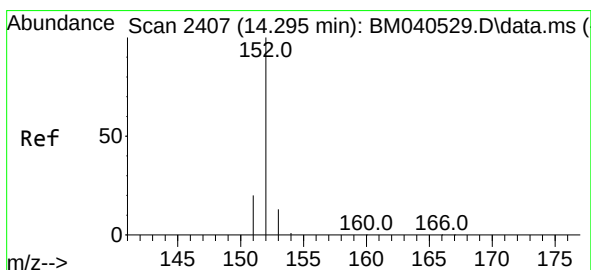
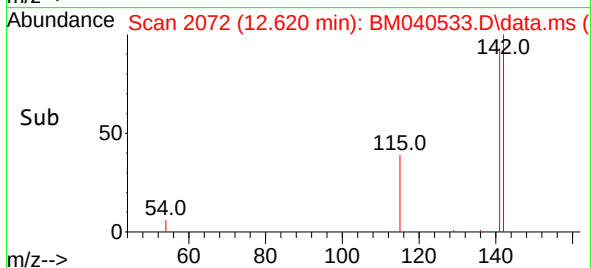
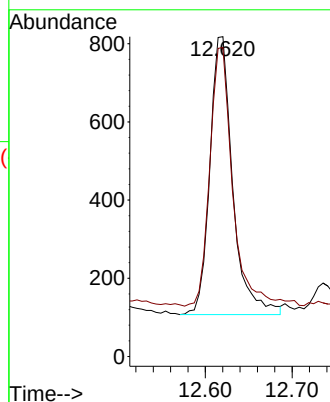
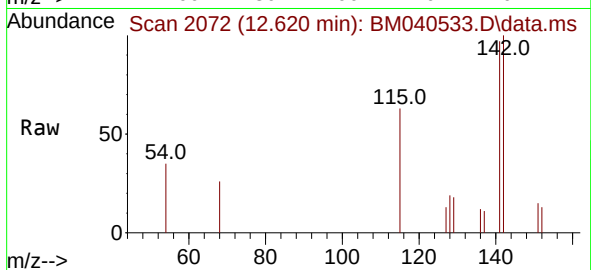
141 92.2 73.7 110.5

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#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BM040533.D

Acq: 02 Jul 2023 10:41

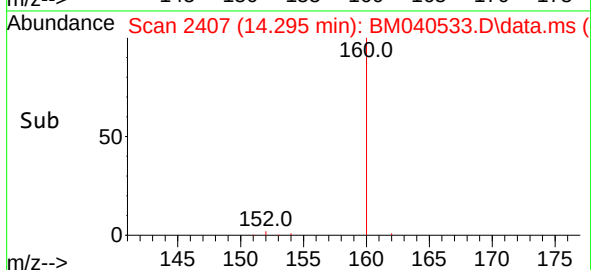
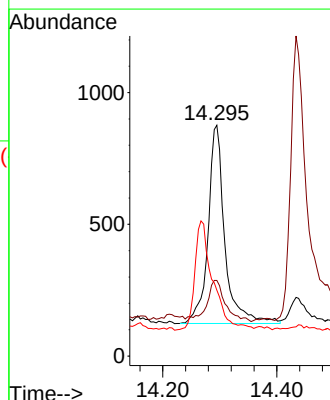
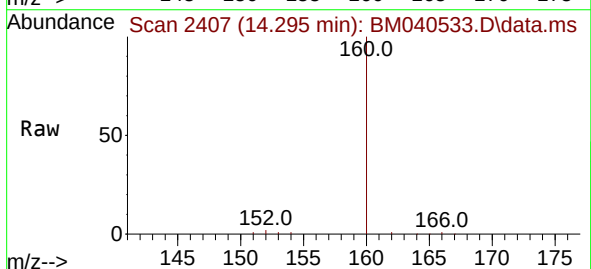
Tgt Ion:152 Resp: 1532

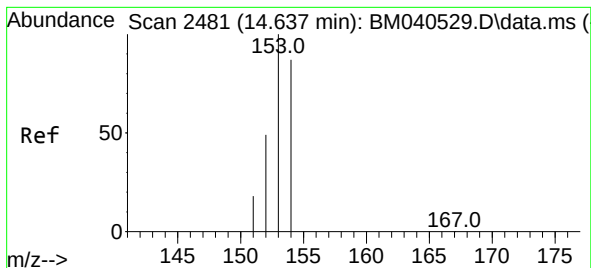
Ion Ratio Lower Upper

152 100

151 32.8 16.2 24.2#

153 28.5 10.9 16.3#





#11

Acenaphthene

Concen: 0.157 ng/ul

RT: 14.633 min Scan# 2481

Delta R.T. -0.009 min

Lab File: BM040533.D

Acq: 02 Jul 2023 10:41

Instrument :

BNA_M

ClientSampleId :

DCGC3

Tgt Ion:153 Resp: 8760

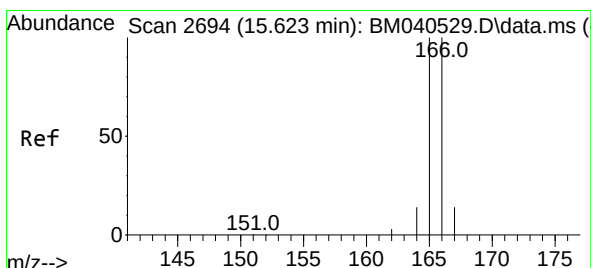
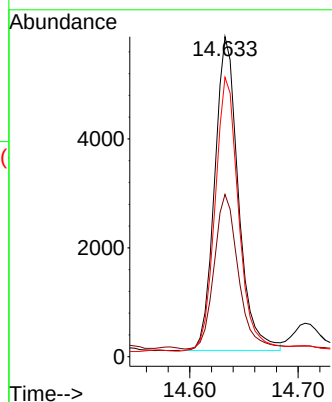
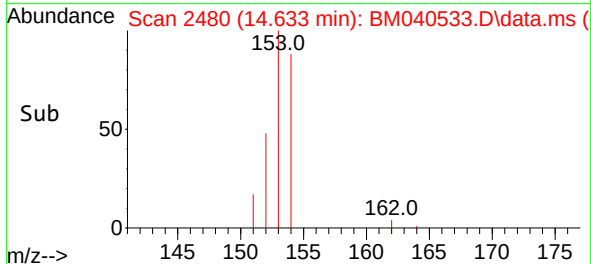
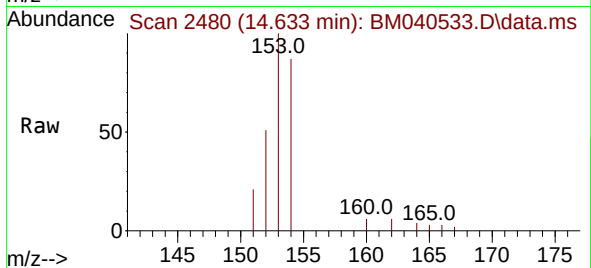
Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.0	61.4
154	87.3	70.8	106.2

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#12

Fluorene

Concen: 0.216 ng/ul

RT: 15.623 min Scan# 2694

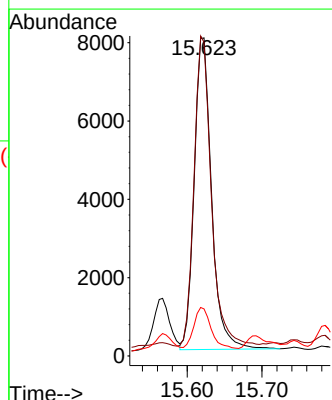
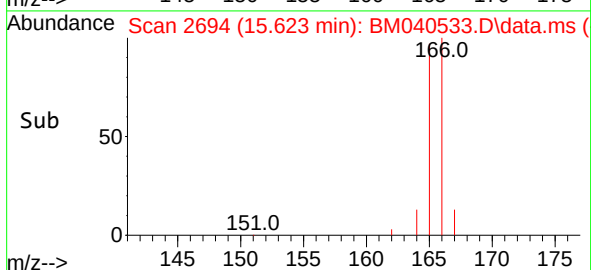
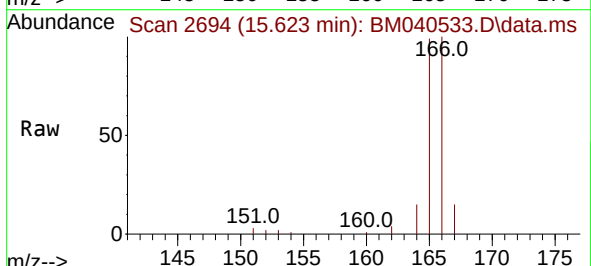
Delta R.T. -0.009 min

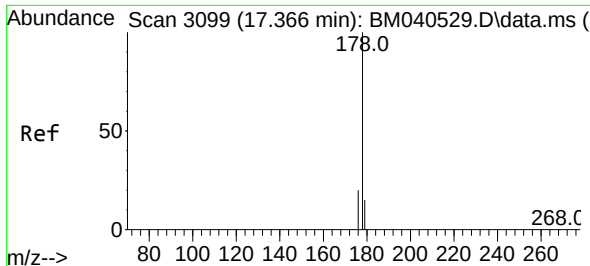
Lab File: BM040533.D

Acq: 02 Jul 2023 10:41

Tgt Ion:166 Resp: 12834

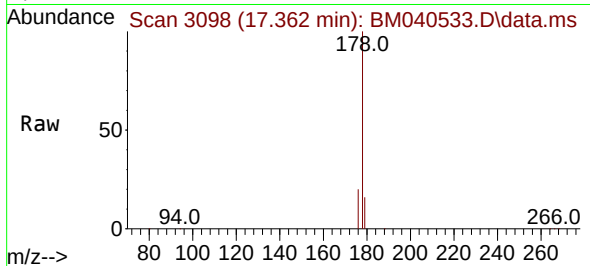
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.6	119.4
167	14.8	11.4	17.0





#15
Phenanthrene
Concen: 2.170 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

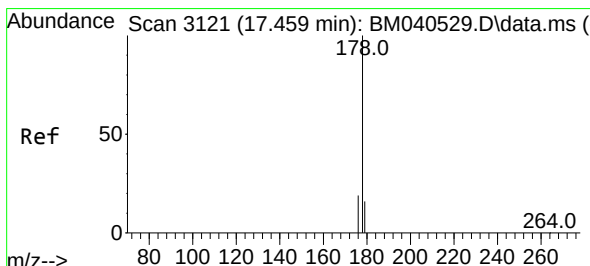
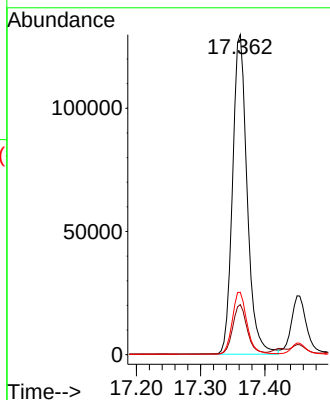
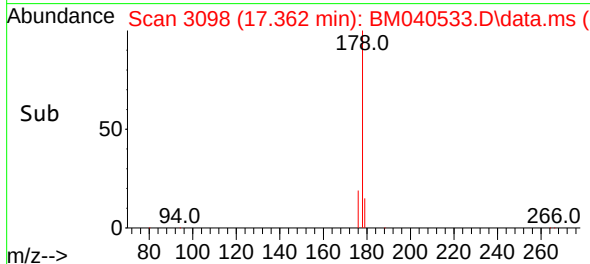
Instrument :
BNA_M
ClientSampleId :
DCGC3



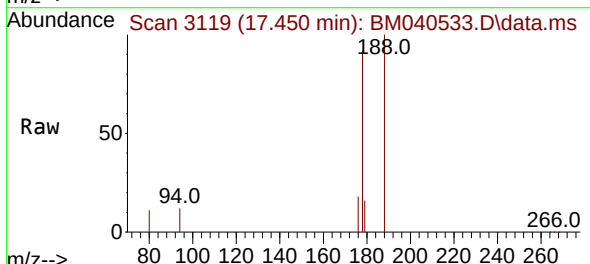
Tgt Ion:178 Resp: 204368
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.5 16.4 24.6

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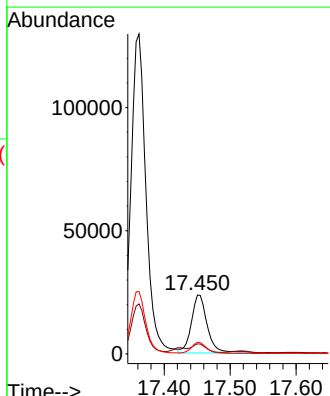
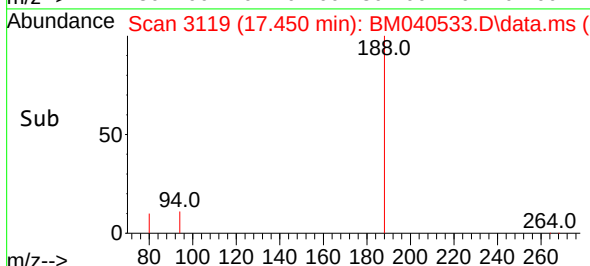
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

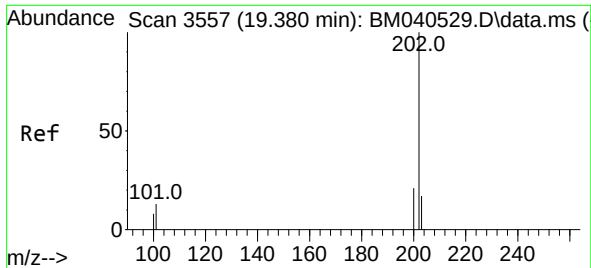


#16
Anthracene
Concen: 0.500 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41



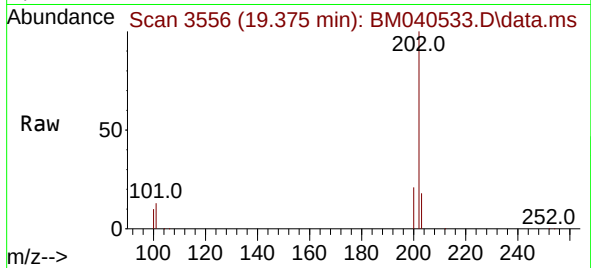
Tgt Ion:178 Resp: 39586
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 19.8 15.8 23.6





#19
Fluoranthene
Concen: 2.944 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

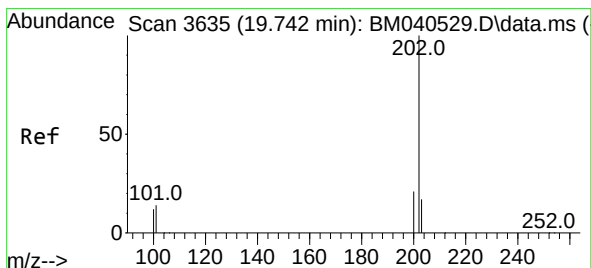
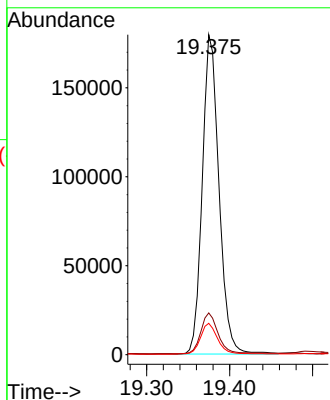
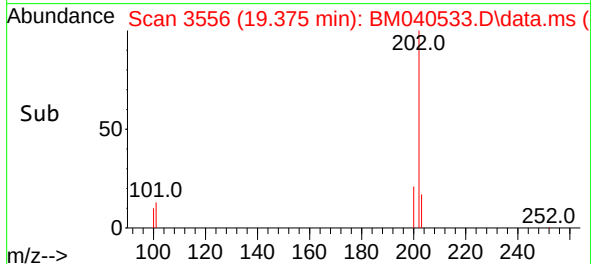
Instrument :
BNA_M
ClientSampleId :
DCGC3



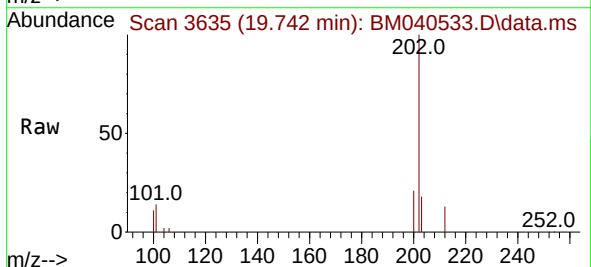
Tgt Ion:202 Resp: 251785
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 9.8 8.7 13.1

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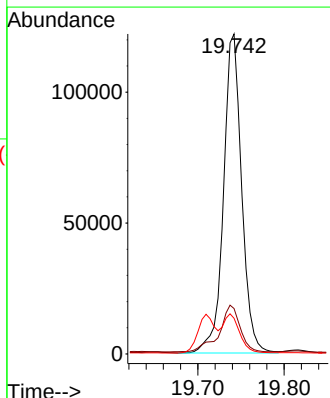
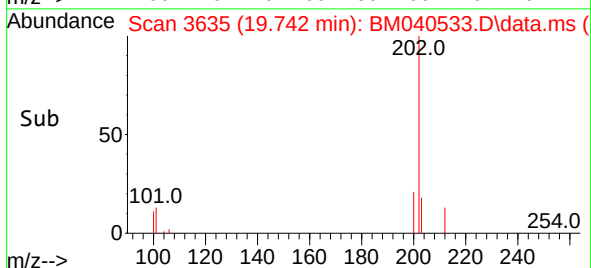
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

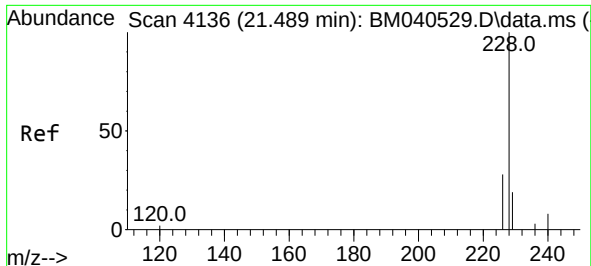


#20
Pyrene
Concen: 1.945 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41



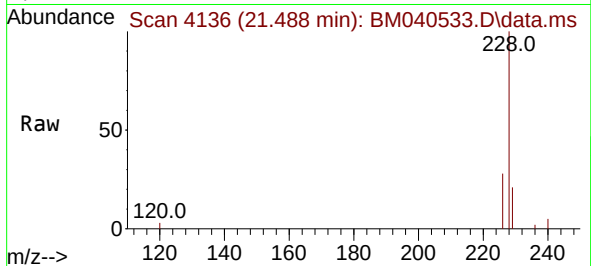
Tgt Ion:202 Resp: 178344
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.369 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

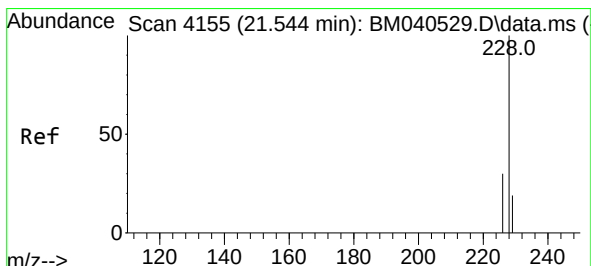
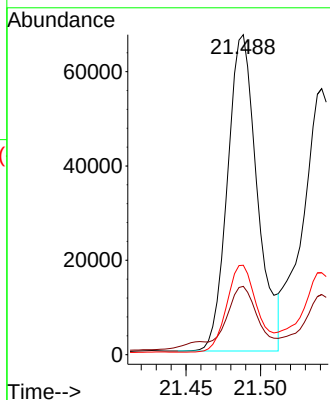
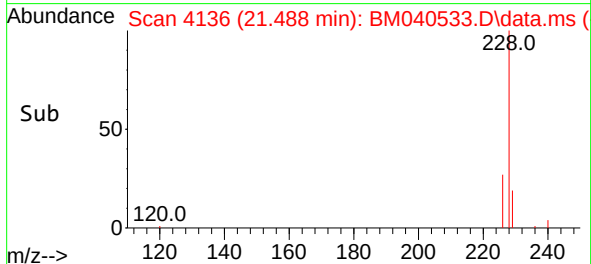
Instrument :
BNA_M
ClientSampleId :
DCGC3



Tgt Ion:228 Resp: 93250
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 28.0 22.3 33.5

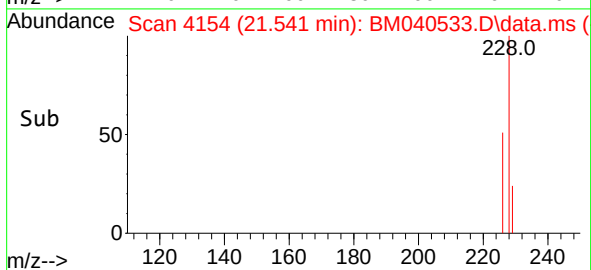
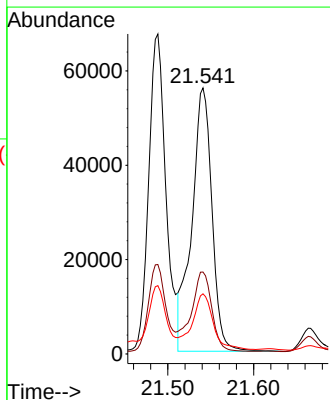
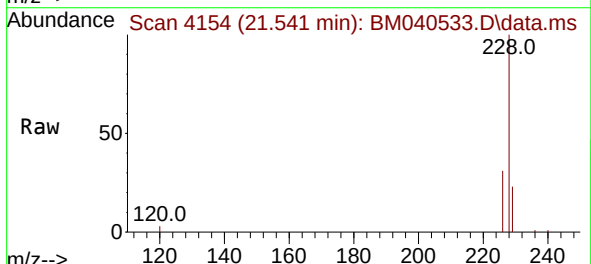
Manual Integrations
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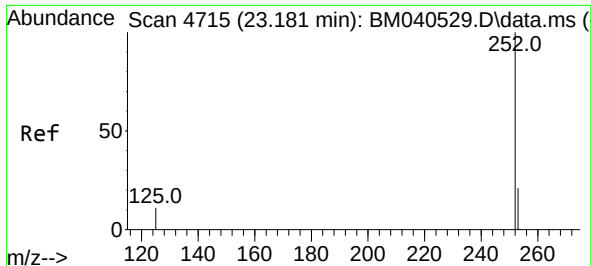
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 1.174 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

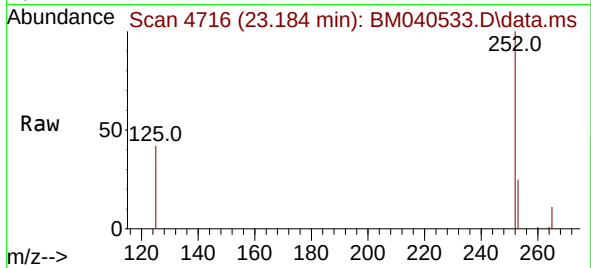
Tgt Ion:228 Resp: 91209
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.203 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

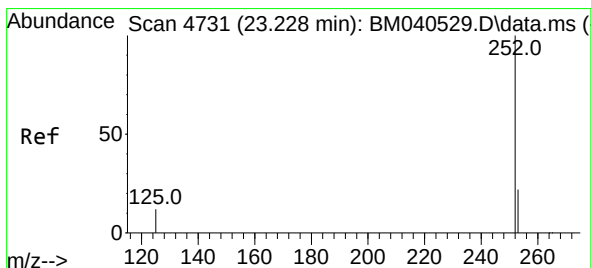
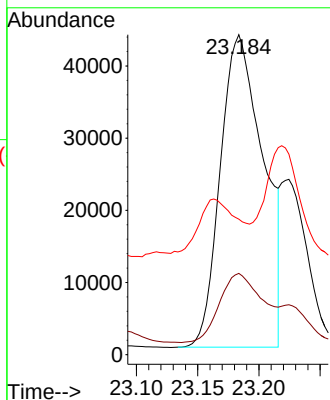
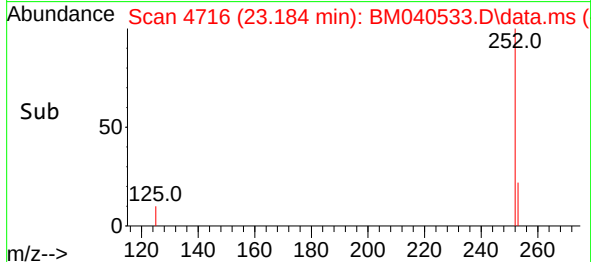
Instrument :
BNA_M
ClientSampleId :
DCGC3



Tgt Ion:252 Resp: 105740
Ion Ratio Lower Upper
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253 25.4 0.0 52.8
125 42.4 0.0 43.0

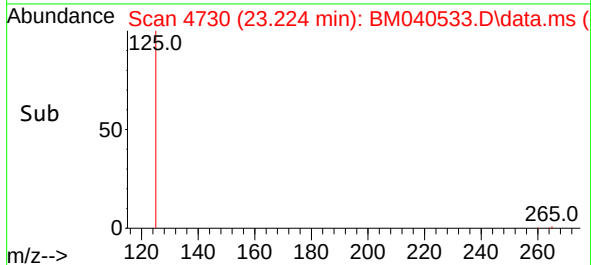
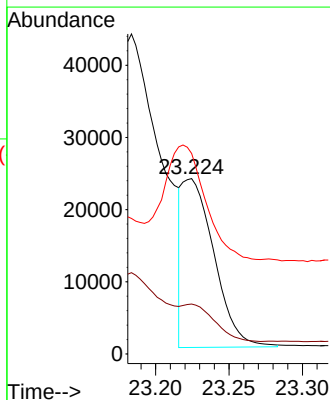
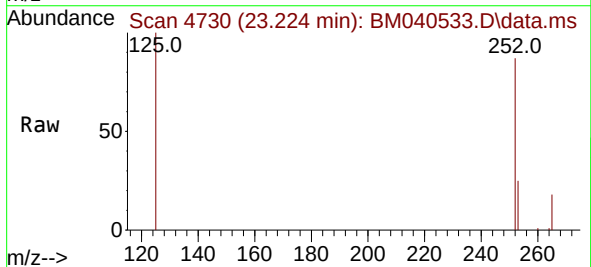
Manual Integrations
APPROVED

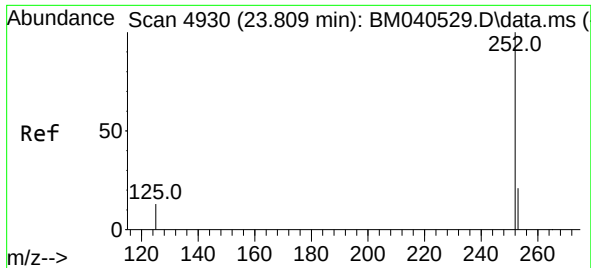
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul m
RT: 23.224 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

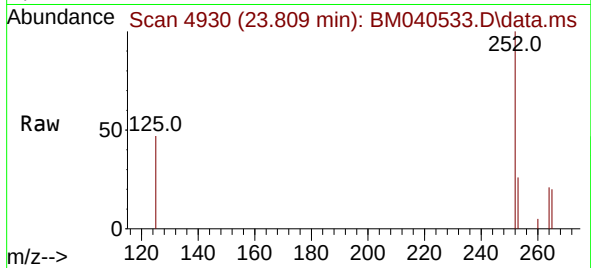
Tgt Ion:252 Resp: 35381
Ion Ratio Lower Upper
252 100
253 28.5 21.2 31.8
125 114.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.835 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

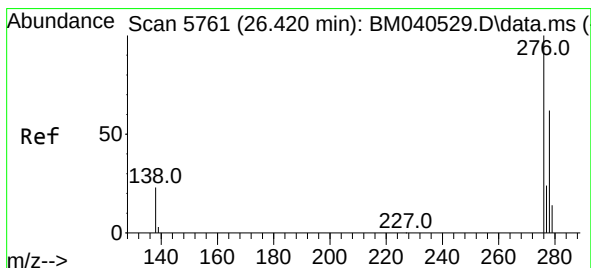
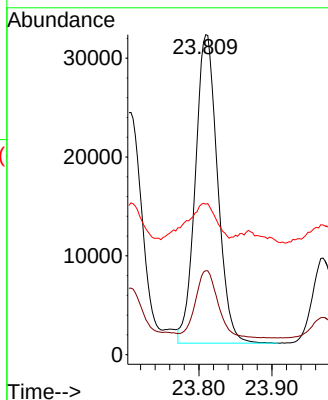
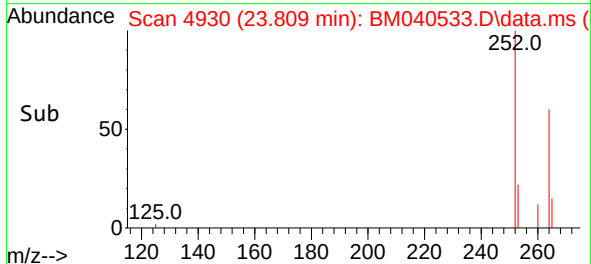
Instrument :
BNA_M
ClientSampleId :
DCGC3



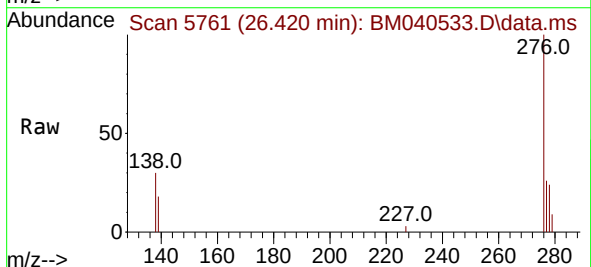
Tgt Ion:252 Resp: 66074
Ion Ratio Lower Upper
252 100
253 26.2 22.9 34.3
125 47.1 21.0 31.4

Manual Integrations
APPROVED

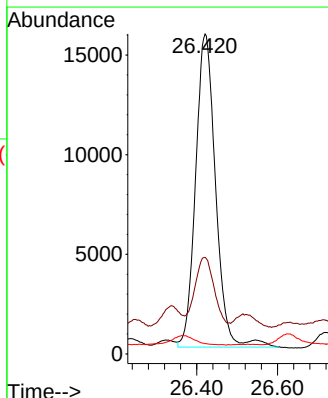
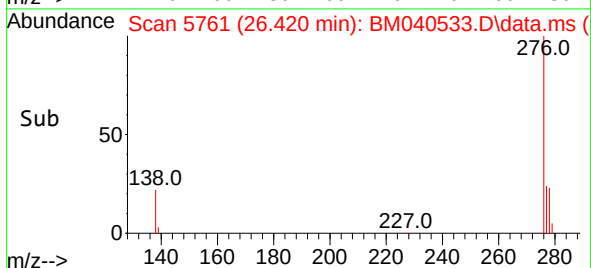
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

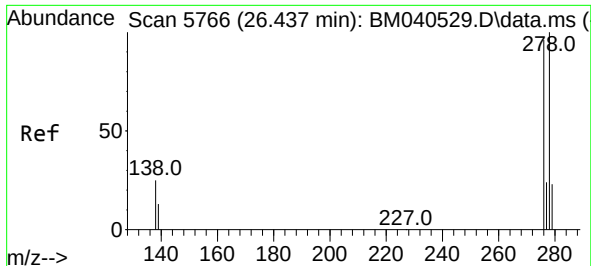


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.490 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41



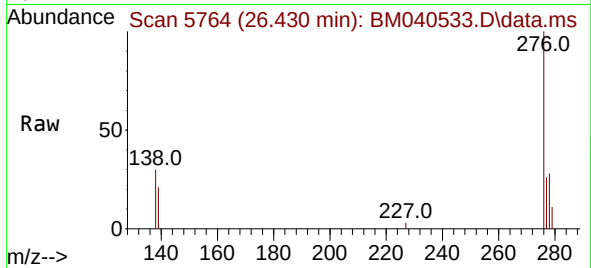
Tgt Ion:276 Resp: 54034
Ion Ratio Lower Upper
276 100
138 21.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.163 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41

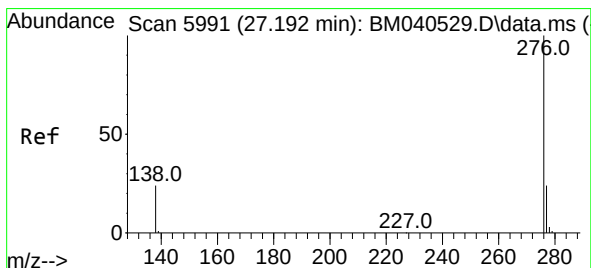
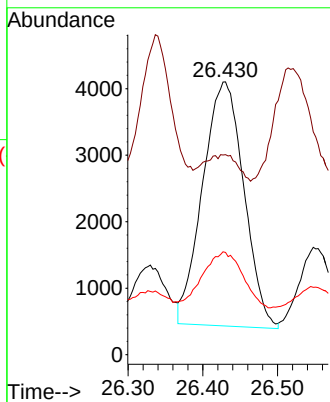
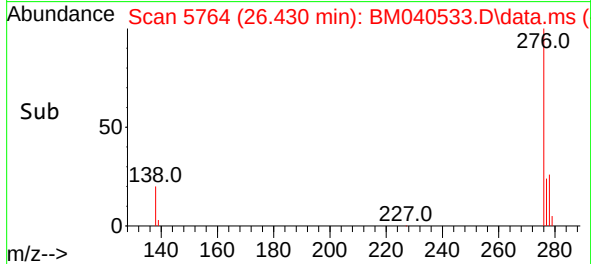
Instrument :
BNA_M
ClientSampleId :
DCGC3



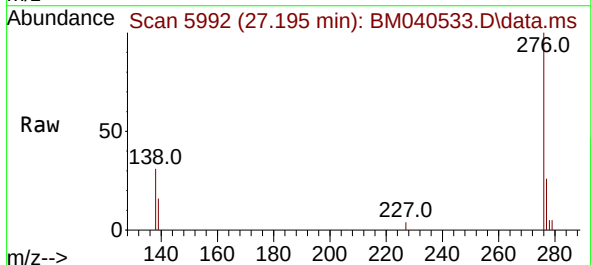
Tgt Ion:278 Resp: 14049
Ion Ratio Lower Upper
278 100
139 73.3 17.9 26.9
279 37.5 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.480 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040533.D
Acq: 02 Jul 2023 10:41



Tgt Ion:276 Resp: 46348
Ion Ratio Lower Upper
276 100
138 30.8 23.0 34.6
277 26.3 20.3 30.5

