

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040540.D
 Acq On : 02 Jul 2023 15:02
 Operator : MA/JU
 Sample : 03243-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC9

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:18:38 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	8892	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	31983	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.573	164	16785	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	32421	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18782	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	20207	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	43353	3.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	10331	0.230	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	16599	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.784	128	4093	0.046	ng/ul#	85
7) 2-Methylnaphthalene	12.400	142	2438	0.047	ng/ul	97
8) 1-Methylnaphthalene	12.620	142	1656	0.032	ng/ul	99
10) Acenaphthylene	14.295	152	5022	0.067	ng/ul#	89
11) Acenaphthene	14.633	153	2163	0.034	ng/ul	97
12) Fluorene	15.618	166	2004	0.030	ng/ul#	95
15) Phenanthrene	17.362	178	49081	0.487	ng/ul	99
16) Anthracene	17.450	178	7606	0.090	ng/ul#	93
19) Fluoranthene	19.380	202	139100	1.743	ng/ul	96
20) Pyrene	19.742	202	111056	1.298	ng/ul	97
21) Benzo(a)anthracene	21.489	228	60069	0.946	ng/ul	97
22) Chrysene	21.541	228	66133	0.913	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	105909	1.354	ng/ul	96
25) Benzo(k)fluoranthene	23.222	252	38708m	0.502	ng/ul	
26) Benzo(a)pyrene	23.809	252	69411	0.985	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.424	276	64237	0.655	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.430	278	15480	0.202	ng/ul#	72
29) Benzo(g,h,i)perylene	27.199	276	61569	0.716	ng/ul	99

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

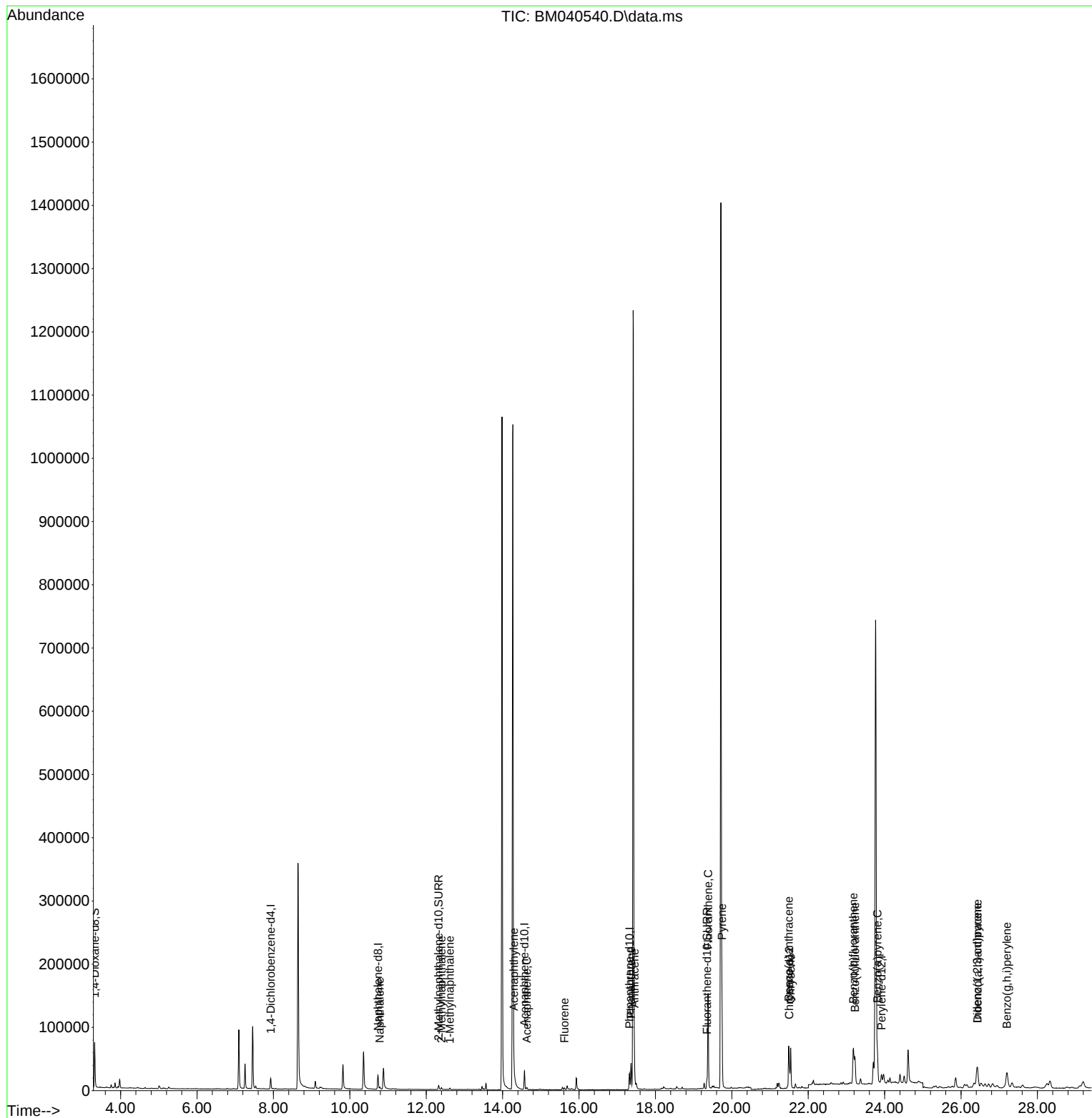
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040540.D
Acq On : 02 Jul 2023 15:02
Operator : MA/JU
Sample : 03243-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

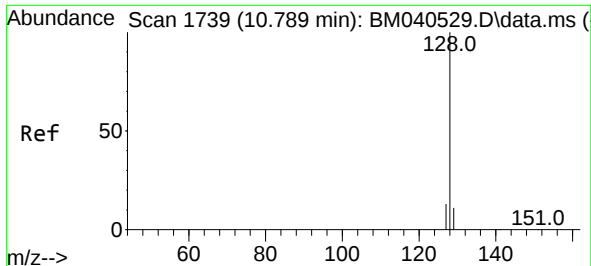
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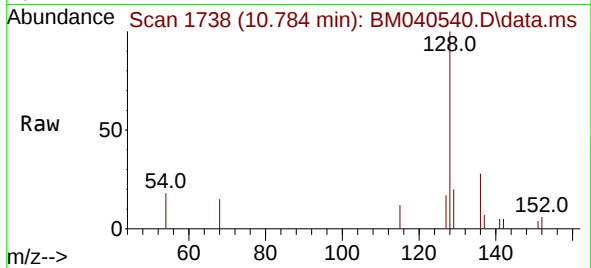
Quant Time: Jul 03 02:18:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

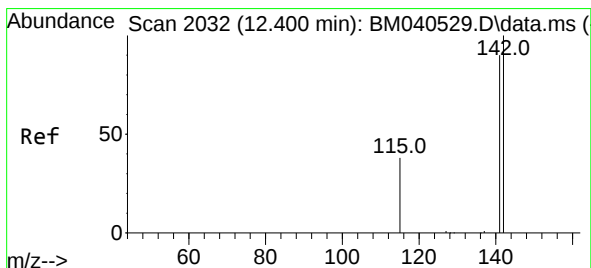
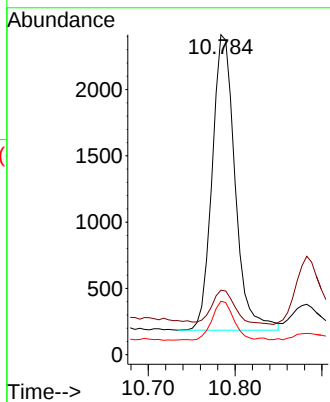
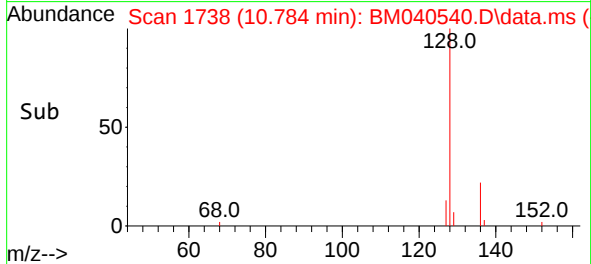
Instrument :
BNA_M
ClientSampleId :
DCGC9



Tgt Ion:128 Resp: 409
Ion Ratio Lower Upper
128 100
129 20.2 9.2 13.8
127 16.7 10.6 15.8

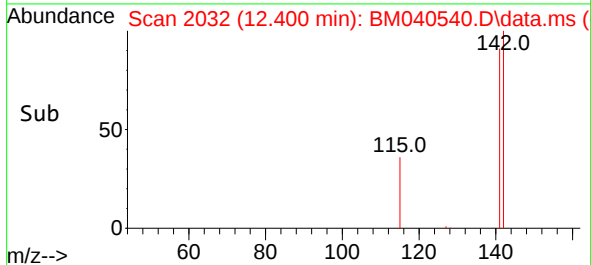
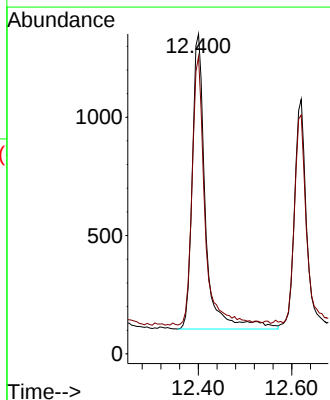
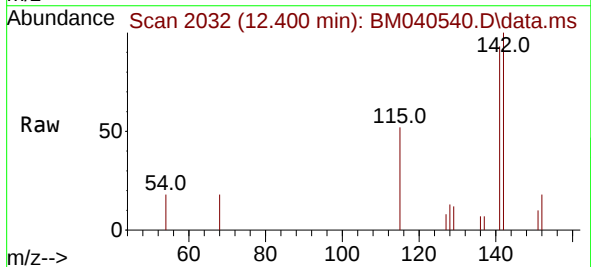
Manual Integrations
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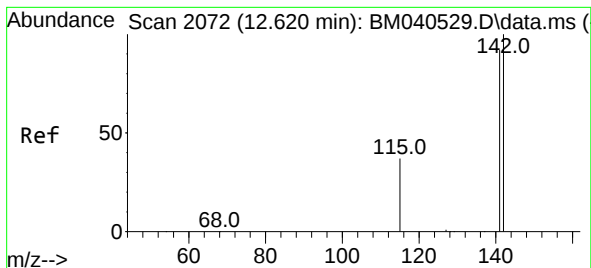
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

Tgt Ion:142 Resp: 2438
Ion Ratio Lower Upper
142 100
141 87.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.620 min Scan# 2072

Delta R.T. -0.005 min

Lab File: BM040540.D

Acq: 02 Jul 2023 15:02

Instrument :

BNA_M

ClientSampleId :

DCGC9

Tgt Ion:142 Resp: 1650

Ion Ratio Lower Upper

142 100

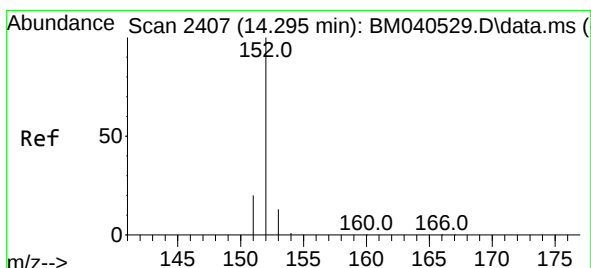
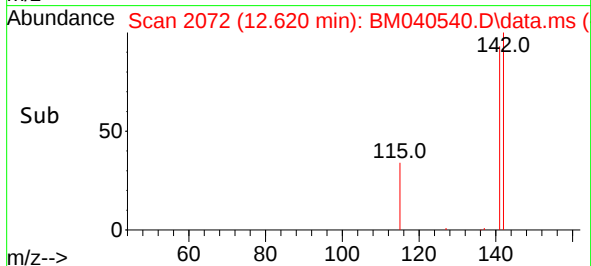
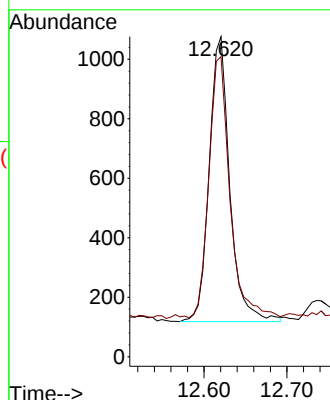
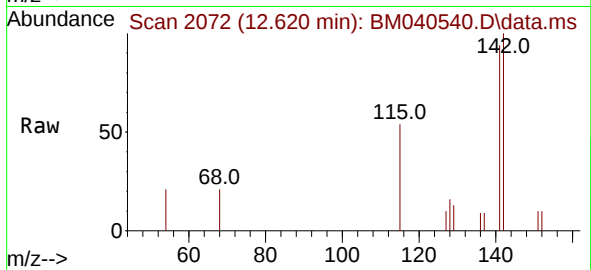
141 93.2 73.7 110.5

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#10

Acenaphthylene

Concen: 0.067 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.004 min

Lab File: BM040540.D

Acq: 02 Jul 2023 15:02

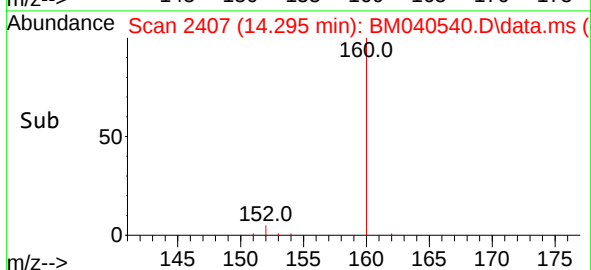
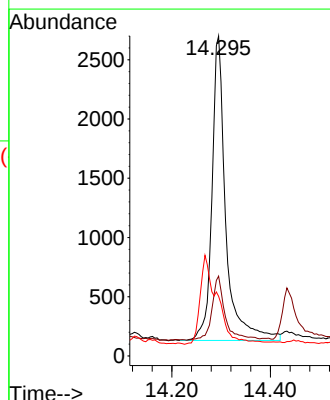
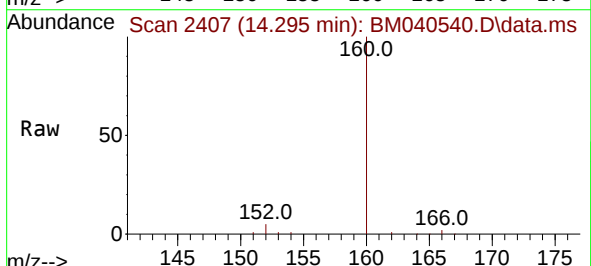
Tgt Ion:152 Resp: 5022

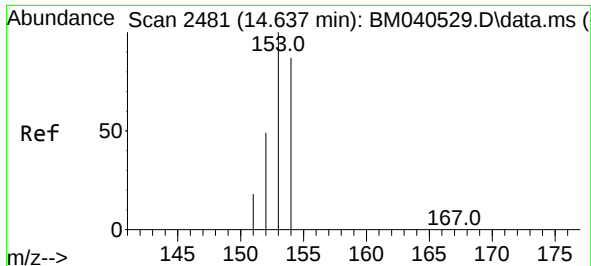
Ion Ratio Lower Upper

152 100

151 25.0 16.2 24.2#

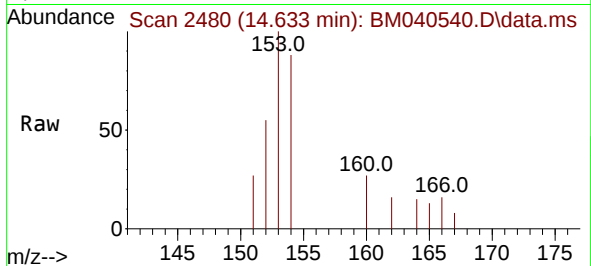
153 18.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.034 ng/u1
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

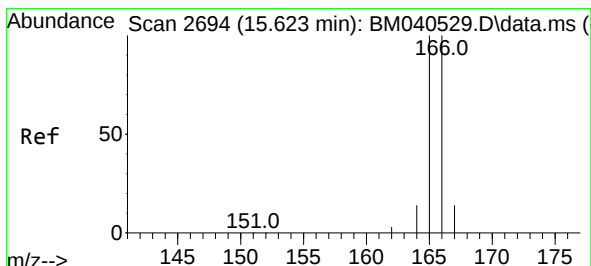
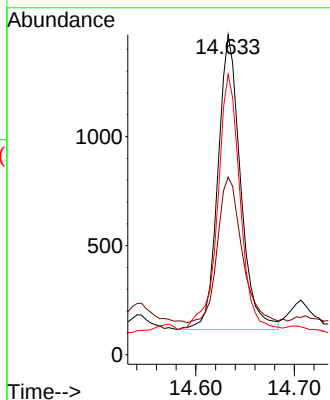
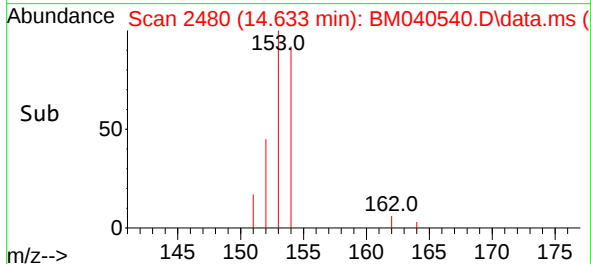
Instrument :
BNA_M
ClientSampleId :
DCGC9



Tgt Ion:153 Resp: 216
Ion Ratio Lower Upper
153 100
152 55.5 41.0 61.4
154 87.6 70.8 106.2

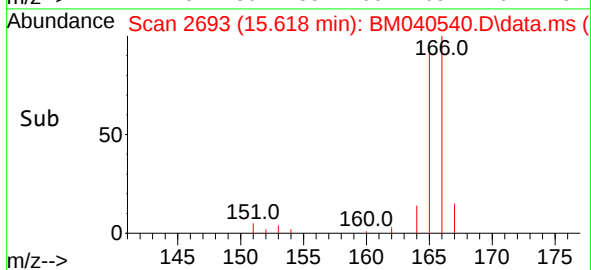
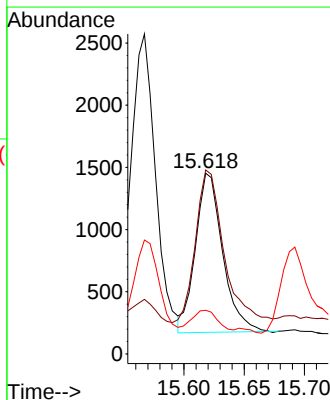
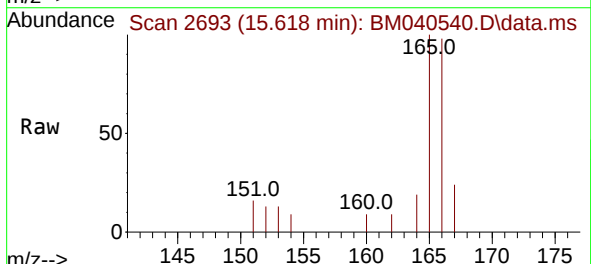
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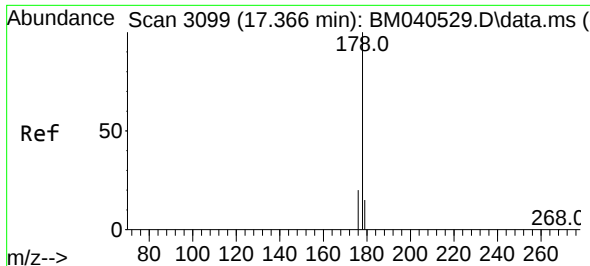
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.030 ng/u1
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

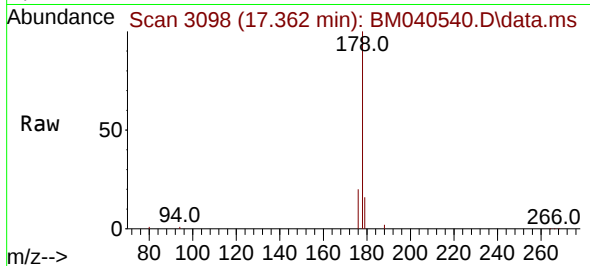
Tgt Ion:166 Resp: 2004
Ion Ratio Lower Upper
166 100
165 101.9 79.6 119.4
167 24.2 11.4 17.0#





#15
Phenanthrene
Concen: 0.487 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

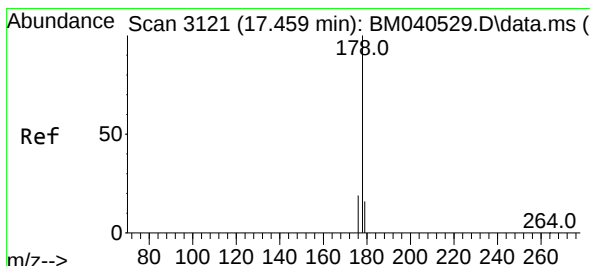
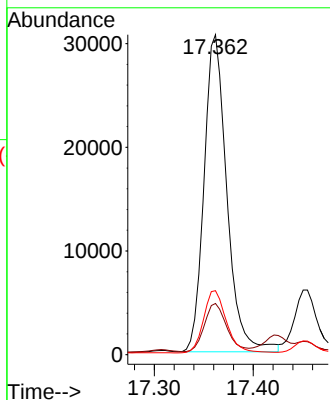
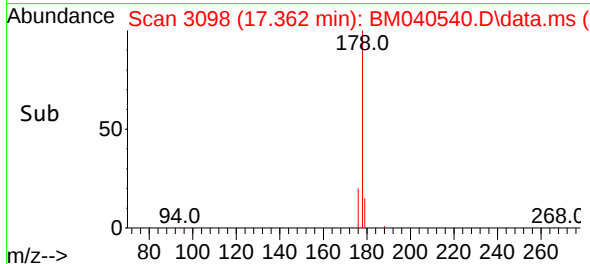
Instrument :
BNA_M
ClientSampleId :
DCGC9



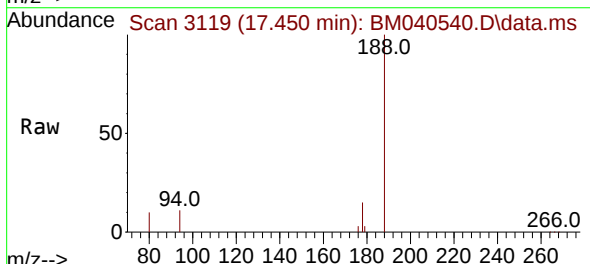
Tgt Ion:178 Resp: 4908
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.0 16.4 24.6

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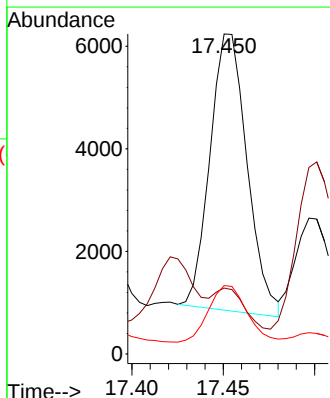
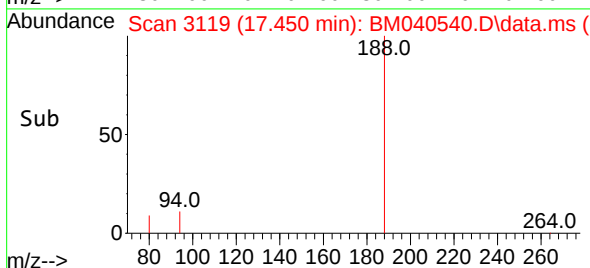
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

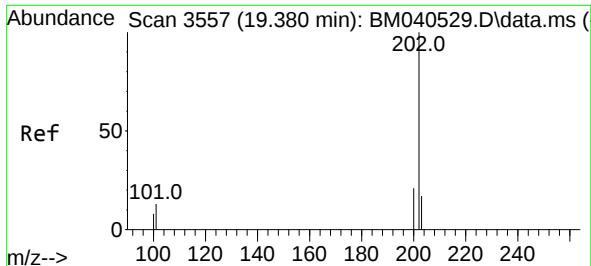


#16
Anthracene
Concen: 0.090 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02



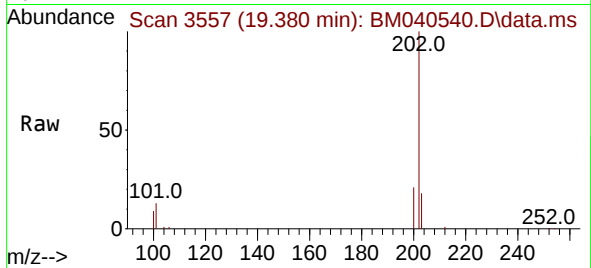
Tgt Ion:178 Resp: 7606
Ion Ratio Lower Upper
178 100
179 20.6 12.9 19.3#
176 21.4 15.8 23.6





#19
Fluoranthene
Concen: 1.743 ng/u1
RT: 19.380 min Scan# 3557
Delta R.T. -0.004 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

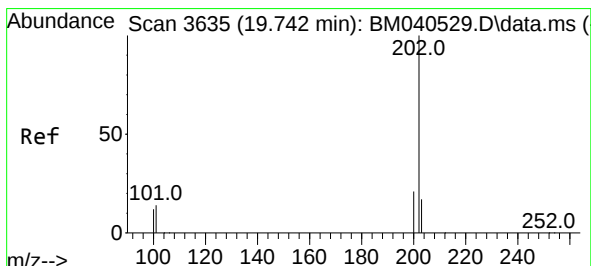
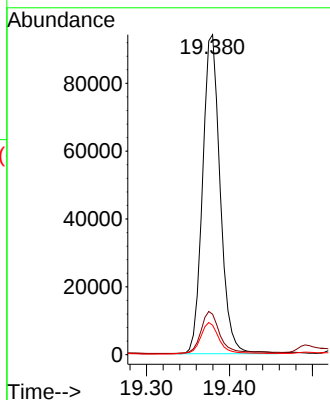
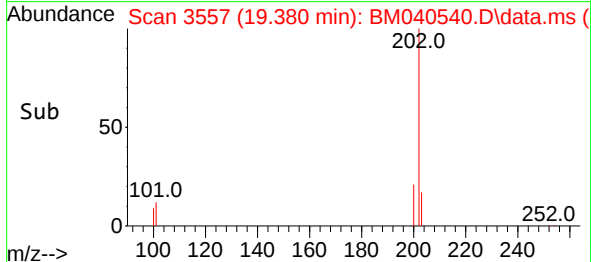
Instrument :
BNA_M
ClientSampleId :
DCGC9



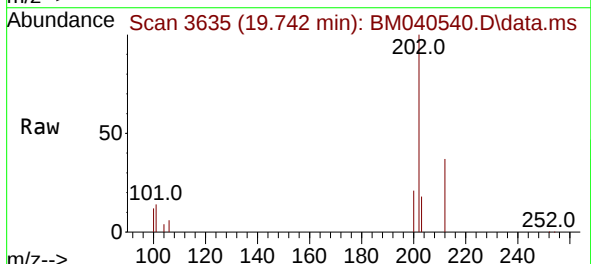
Tgt Ion:202 Resp: 139100
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.2 8.7 13.1

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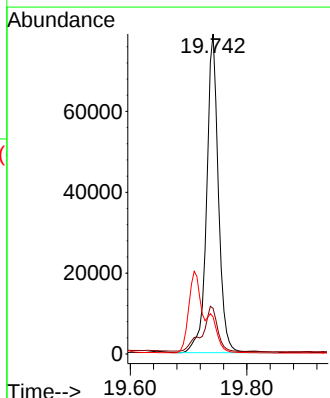
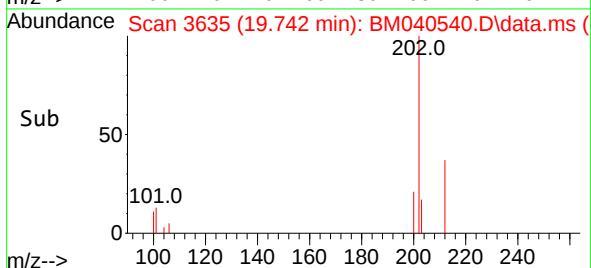
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

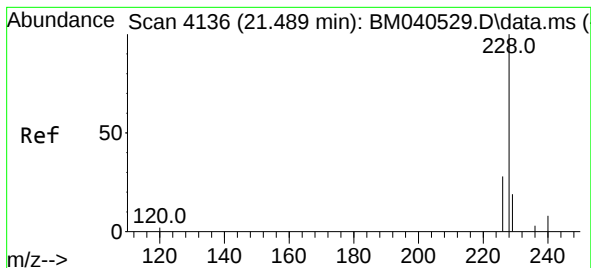


#20
Pyrene
Concen: 1.298 ng/u1
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02



Tgt Ion:202 Resp: 111056
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.6 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.946 ng/ul

RT: 21.489 min Scan# 4136

Delta R.T. -0.003 min

Lab File: BM040540.D

Acq: 02 Jul 2023 15:02

Instrument :

BNA_M

ClientSampleId :

DCGC9

Tgt Ion:228 Resp: 60069

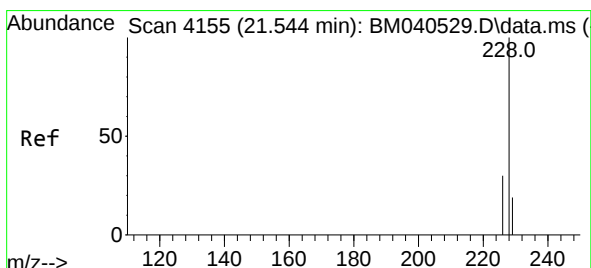
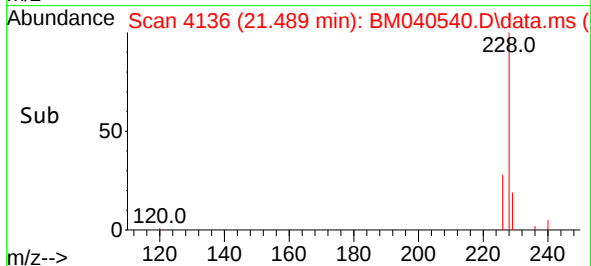
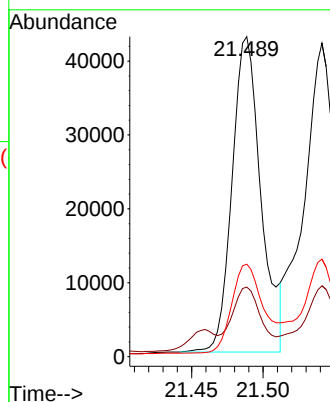
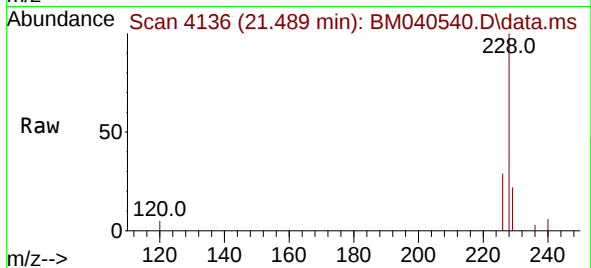
Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.0	24.0
226	28.9	22.3	33.5

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#22

Chrysene

Concen: 0.913 ng/ul

RT: 21.541 min Scan# 4154

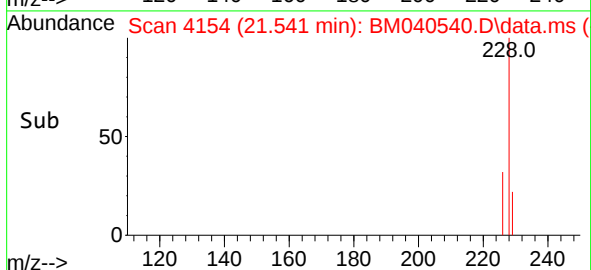
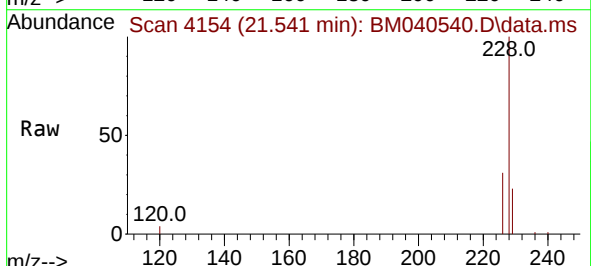
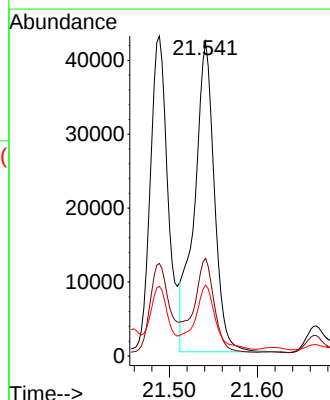
Delta R.T. -0.003 min

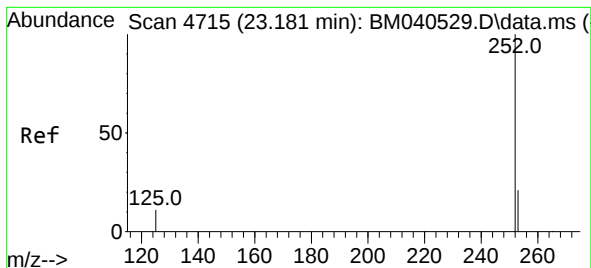
Lab File: BM040540.D

Acq: 02 Jul 2023 15:02

Tgt Ion:228 Resp: 66133

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.6	15.8	23.6





#24

Benzo(b)fluoranthene

Concen: 1.354 ng/ul

RT: 23.181 min Scan# 4715

Delta R.T. 0.000 min

Lab File: BM040540.D

Acq: 02 Jul 2023 15:02

Instrument :

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DCGC9

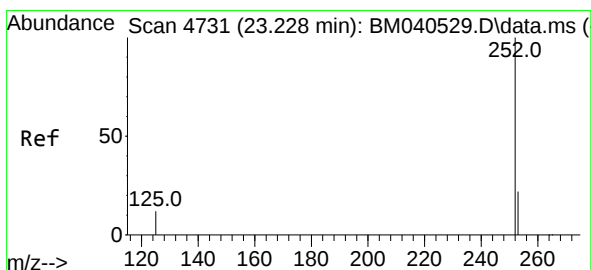
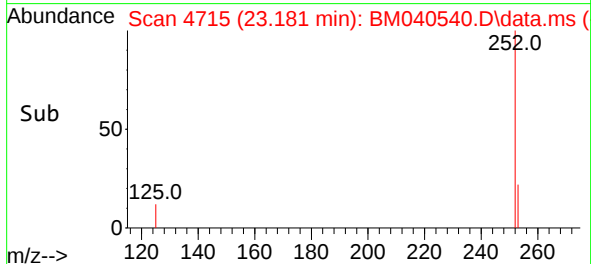
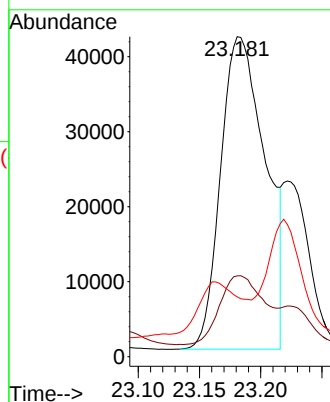
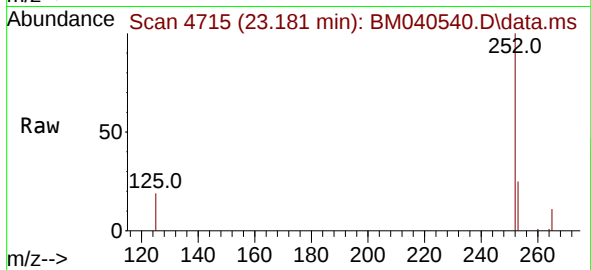
Tgt Ion:252 Resp: 105908
 Ion Ratio Lower Upper
 252 100
 253 25.3 0.0 52.8
 125 18.7 0.0 43.0

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#25

Benzo(k)fluoranthene

Concen: 0.502 ng/ul m

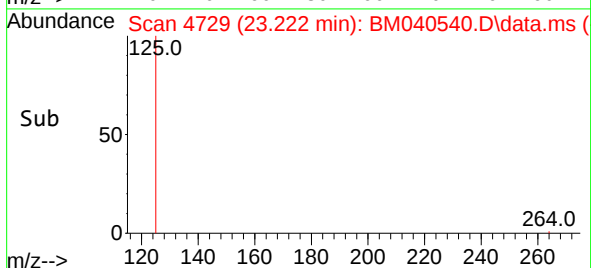
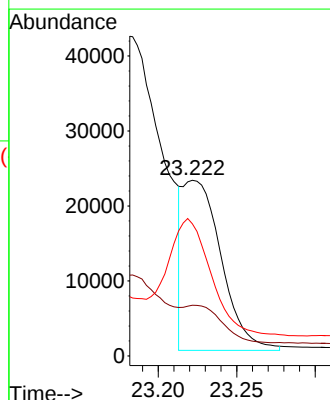
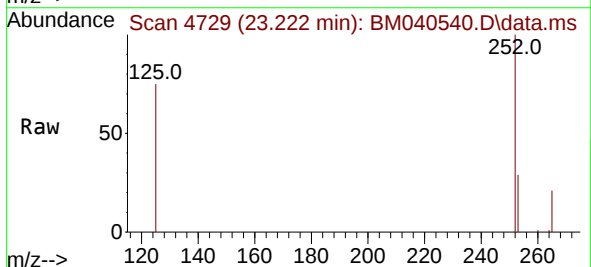
RT: 23.222 min Scan# 4729

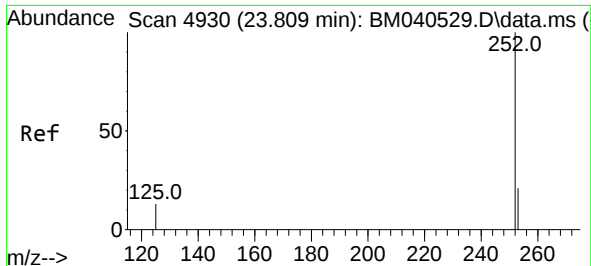
Delta R.T. -0.006 min

Lab File: BM040540.D

Acq: 02 Jul 2023 15:02

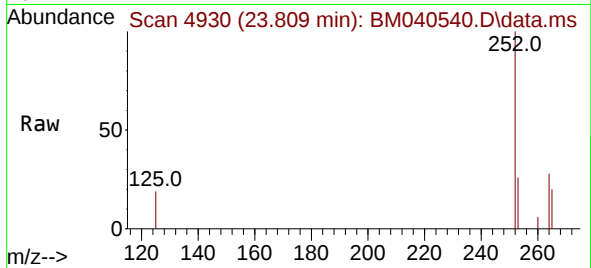
Tgt Ion:252 Resp: 38708
 Ion Ratio Lower Upper
 252 100
 253 28.9 21.2 31.8
 125 75.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.985 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

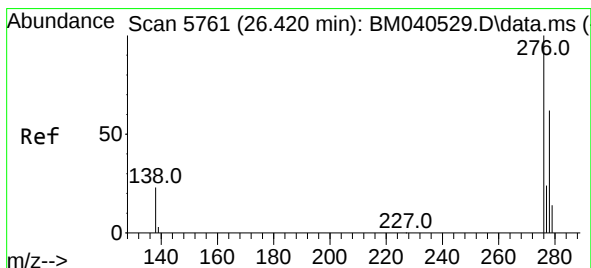
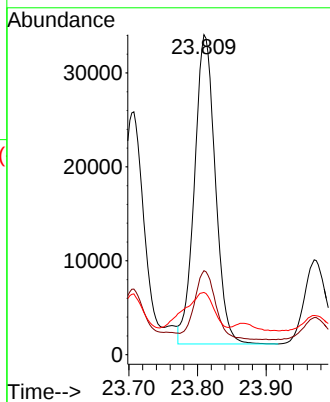
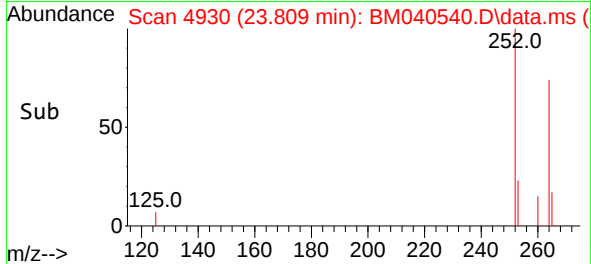
Instrument :
BNA_M
ClientSampleId :
DCGC9



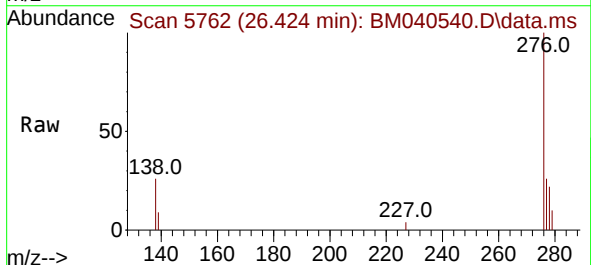
Tgt Ion:252 Resp: 6941
Ion Ratio Lower Upper
252 100
253 26.3 22.9 34.3
125 19.5 21.0 31.4

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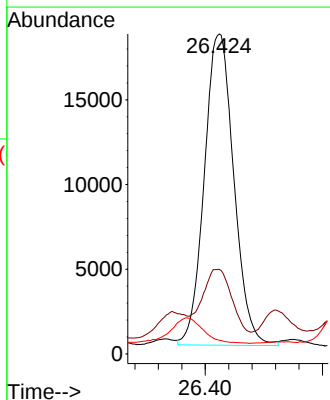
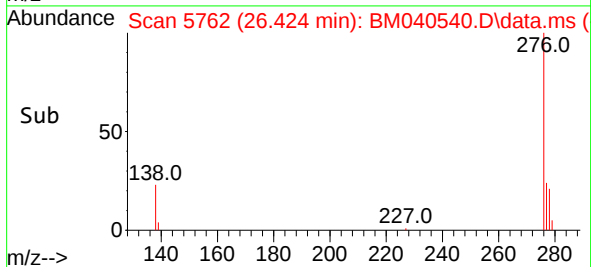
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

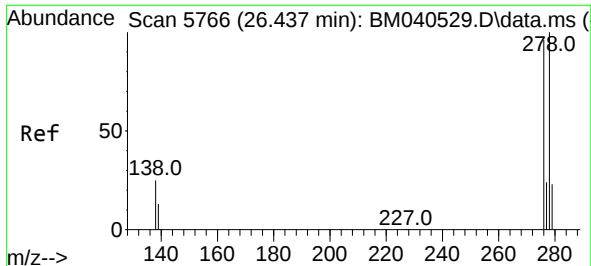


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.655 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.004 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02



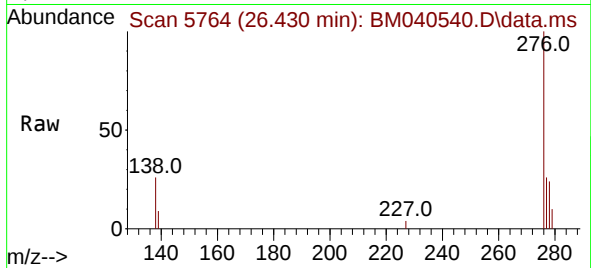
Tgt Ion:276 Resp: 64237
Ion Ratio Lower Upper
276 100
138 19.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.202 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02

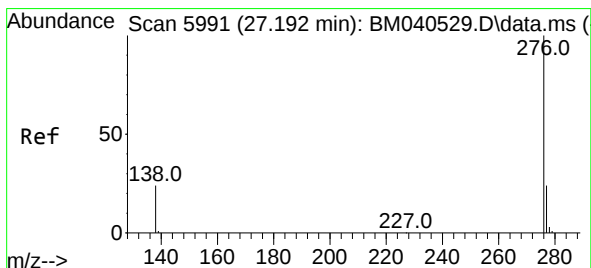
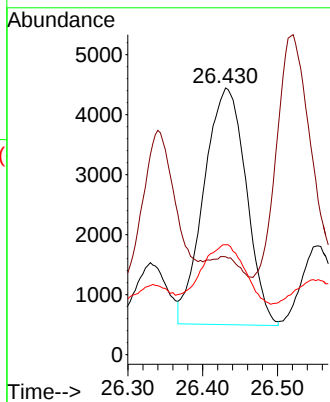
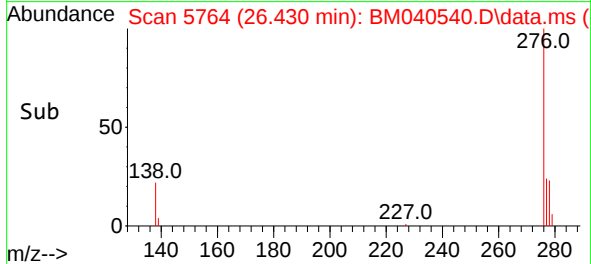
Instrument :
BNA_M
ClientSampleId :
DCGC9



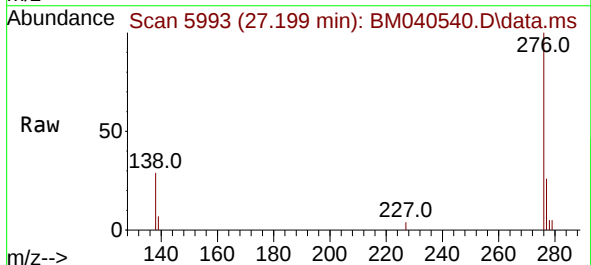
Tgt Ion:278 Resp: 15480
Ion Ratio Lower Upper
278 100
139 36.7 17.9 26.9
279 41.2 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.716 ng/ul
RT: 27.199 min Scan# 5993
Delta R.T. 0.014 min
Lab File: BM040540.D
Acq: 02 Jul 2023 15:02



Tgt Ion:276 Resp: 61569
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.6
277 25.8 20.3 30.5

