

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040544.D
 Acq On : 02 Jul 2023 17:32
 Operator : MA/JU
 Sample : 03243-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD3

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:25:08 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	8217	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	29072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.571	164	14261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	28751	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	17998	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	19399	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	26205	2.030	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6283	0.154	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	10574	0.183	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.788	128	8227	0.103	ng/ul#	94
7) 2-Methylnaphthalene	12.399	142	2795	0.059	ng/ul	99
8) 1-Methylnaphthalene	12.619	142	1885	0.040	ng/ul	99
10) Acenaphthylene	14.293	152	8816	0.138	ng/ul#	95
11) Acenaphthene	14.636	153	2365	0.044	ng/ul	97
12) Fluorene	15.621	166	2633	0.046	ng/ul#	96
15) Phenanthrene	17.360	178	64906	0.727	ng/ul	99
16) Anthracene	17.453	178	9543	0.127	ng/ul	95
19) Fluoranthene	19.378	202	191316	2.502	ng/ul	96
20) Pyrene	19.741	202	142957	1.744	ng/ul	99
21) Benzo(a)anthracene	21.486	228	78690	1.293	ng/ul	98
22) Chrysene	21.541	228	92386	1.330	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	142451	1.897	ng/ul	93
25) Benzo(k)fluoranthene	23.222	252	51124m	0.691	ng/ul	
26) Benzo(a)pyrene	23.810	252	84628	1.251	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.421	276	81495	0.865	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.431	278	19696	0.267	ng/ul#	83
29) Benzo(g,h,i)perylene	27.195	276	71188	0.862	ng/ul	97

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

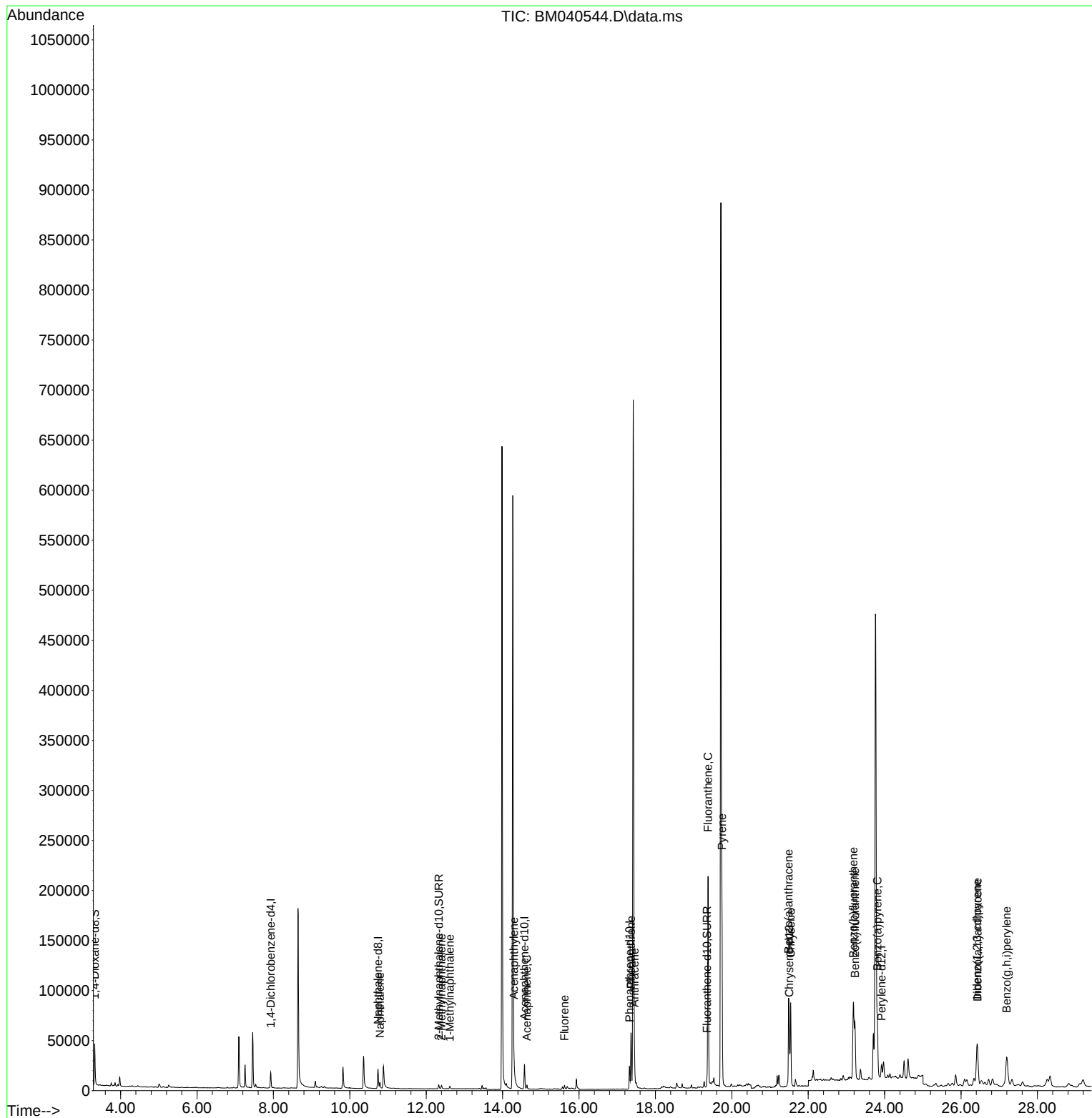
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040544.D
Acq On : 02 Jul 2023 17:32
Operator : MA/JU
Sample : 03243-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

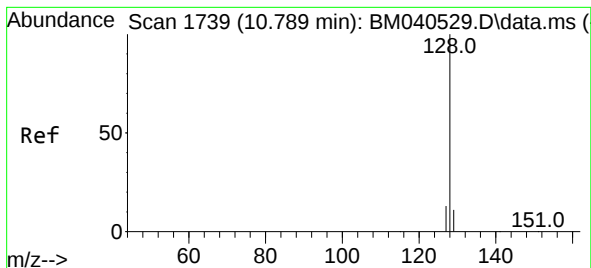
Instrument :
BNA_M
ClientSampleId :
DCGD3

Manual Integrations
APPROVED

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

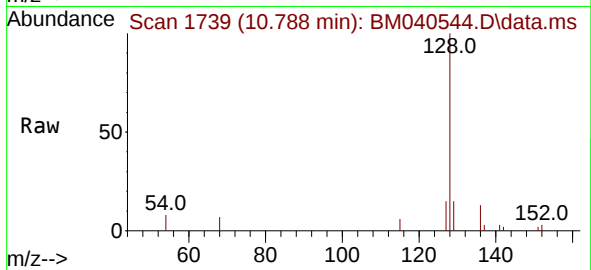
Quant Time: Jul 03 02:25:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.788 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

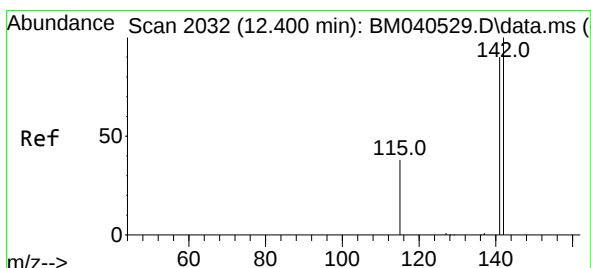
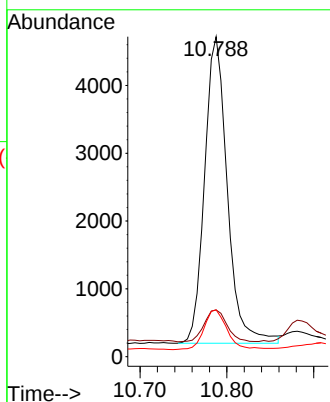
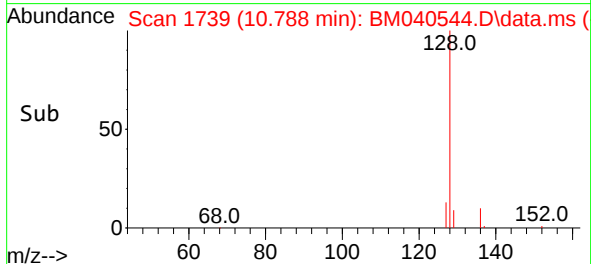
Instrument :
BNA_M
ClientSampleId :
DCGD3



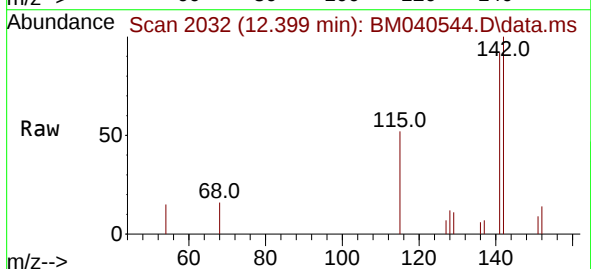
Tgt Ion:128 Resp: 822
Ion Ratio Lower Upper
128 100
129 14.6 9.2 13.8
127 14.7 10.6 15.8

Manual Integrations
APPROVED

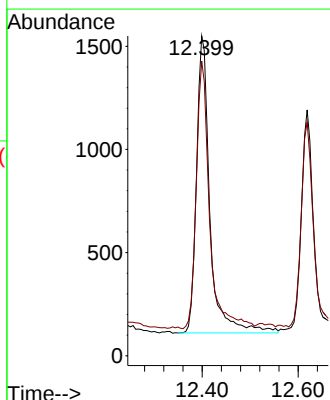
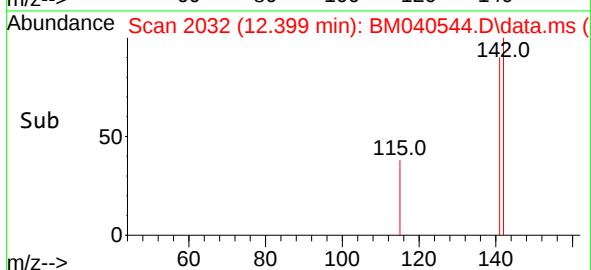
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

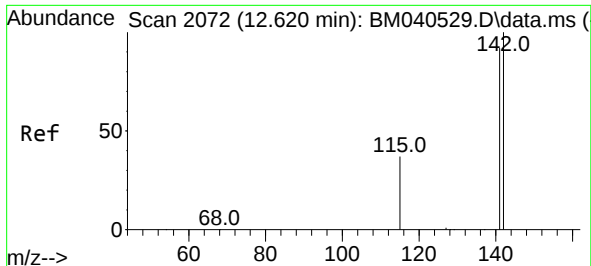


#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.399 min Scan# 2032
Delta R.T. -0.007 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32



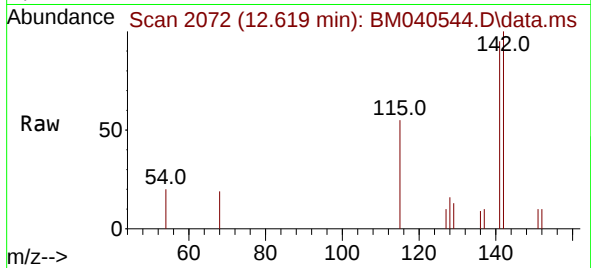
Tgt Ion:142 Resp: 2795
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.619 min Scan# 2072
Delta R.T. -0.007 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

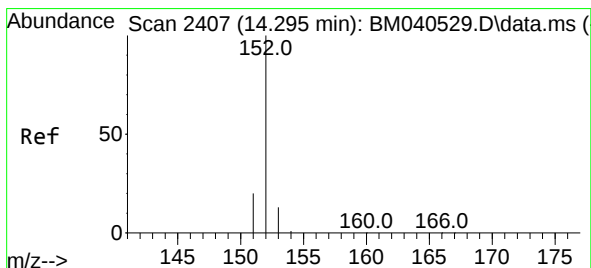
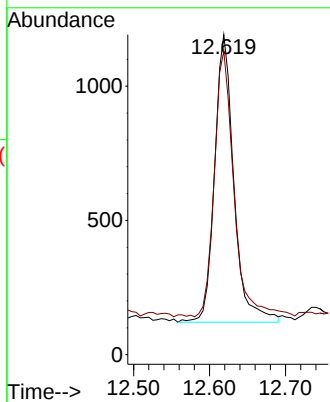
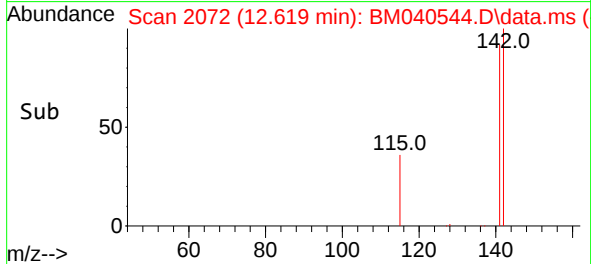
Instrument :
BNA_M
ClientSampleId :
DCGD3



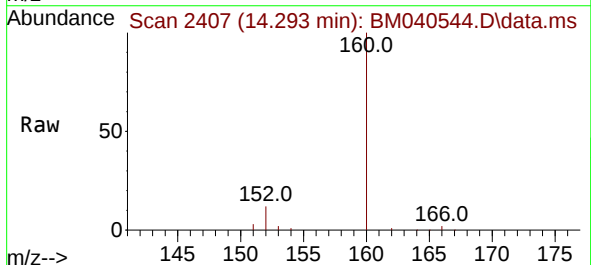
Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5

Manual Integrations
APPROVED

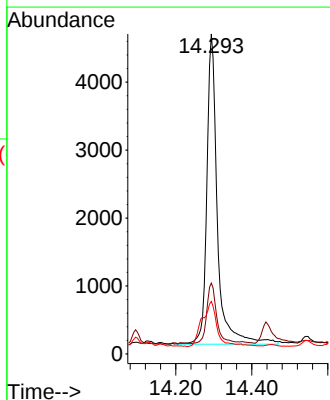
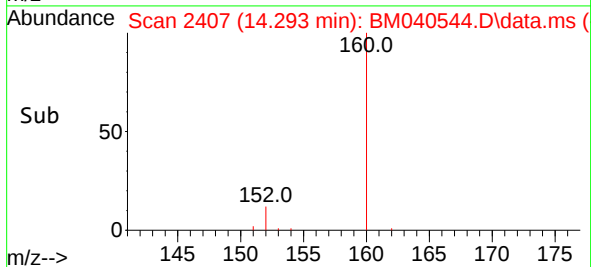
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

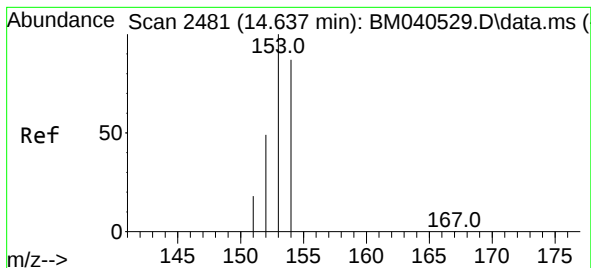


#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 14.293 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32



Tgt Ion:152 Resp: 8816
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.2
153 16.4 10.9 16.3#





#11

Acenaphthene

Concen: 0.044 ng/ul

RT: 14.636 min Scan# 2481

Delta R.T. -0.006 min

Lab File: BM040544.D

Acq: 02 Jul 2023 17:32

Instrument :

BNA_M

ClientSampleId :

DCGD3

Tgt Ion:153 Resp: 236

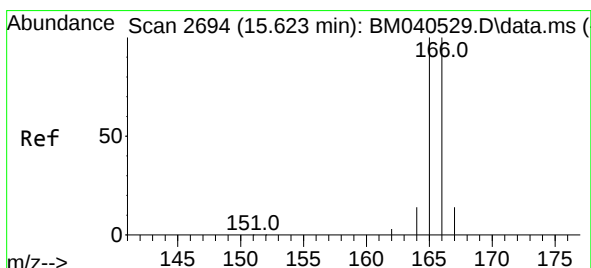
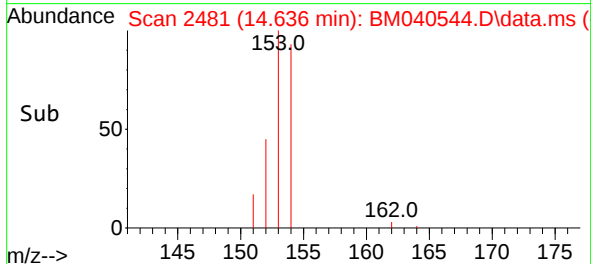
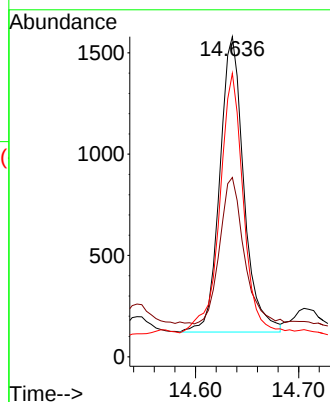
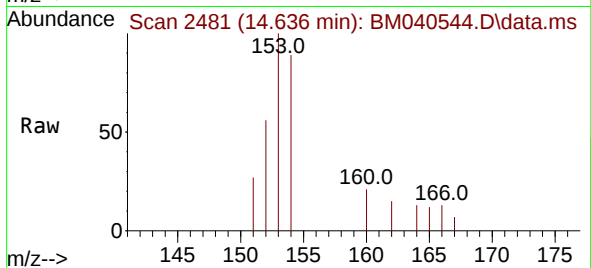
Ion	Ratio	Lower	Upper
153	100		
152	56.0	41.0	61.4
154	88.5	70.8	106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#12

Fluorene

Concen: 0.046 ng/ul

RT: 15.621 min Scan# 2694

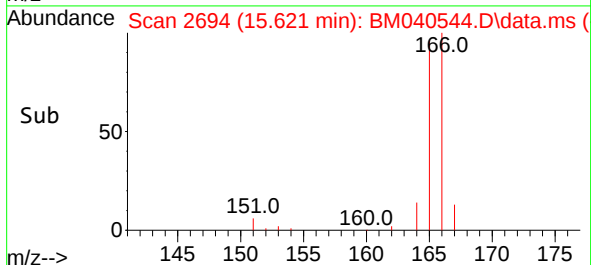
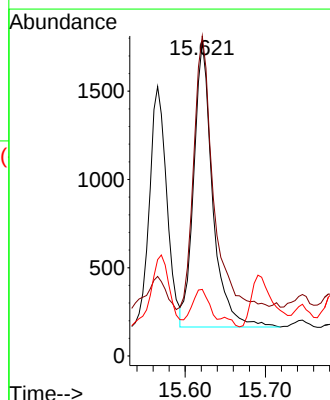
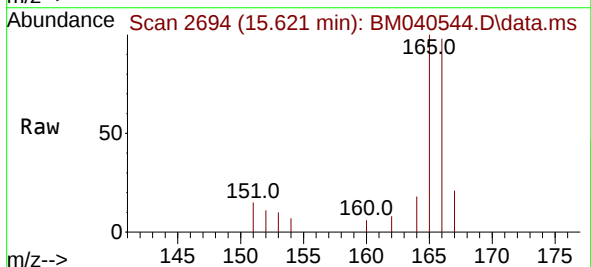
Delta R.T. -0.011 min

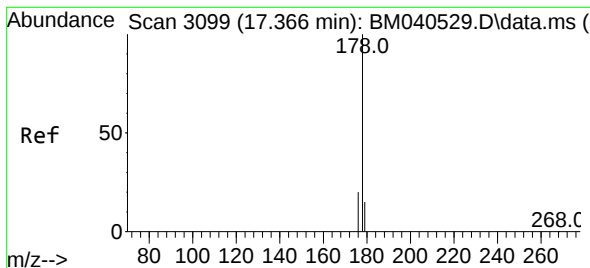
Lab File: BM040544.D

Acq: 02 Jul 2023 17:32

Tgt Ion:166 Resp: 2633

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.6	119.4
167	21.2	11.4	17.0





#15

Phenanthrene

Concen: 0.727 ng/ul

RT: 17.360 min Scan# 3099

Delta R.T. -0.010 min

Lab File: BM040544.D

Acq: 02 Jul 2023 17:32

Instrument :

BNA_M

ClientSampleId :

DCGD3

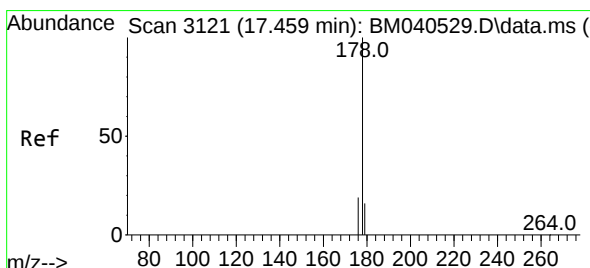
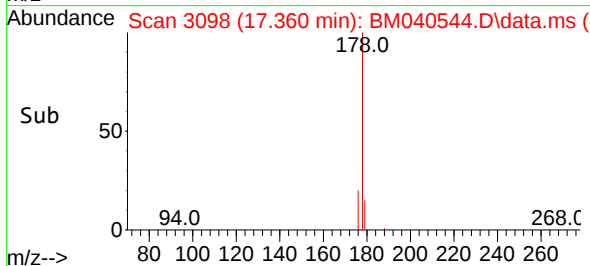
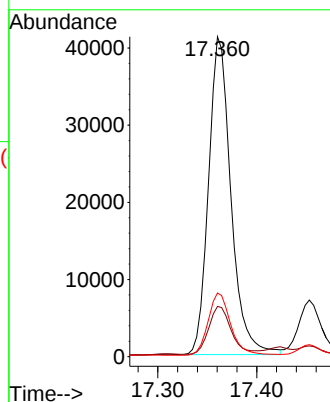
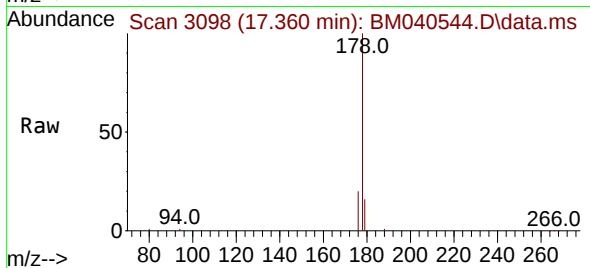
Tgt Ion:178	Resp:	64900
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.8 19.2
176	19.9	16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#16

Anthracene

Concen: 0.127 ng/ul

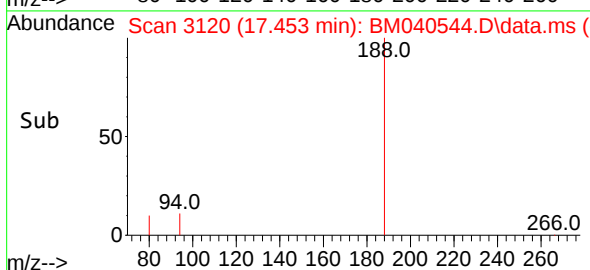
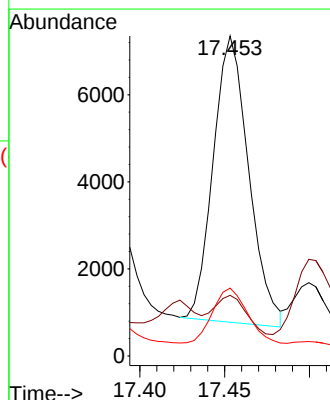
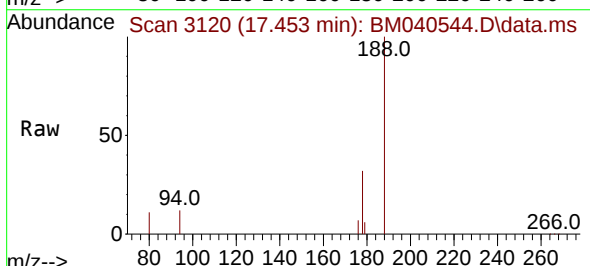
RT: 17.453 min Scan# 3120

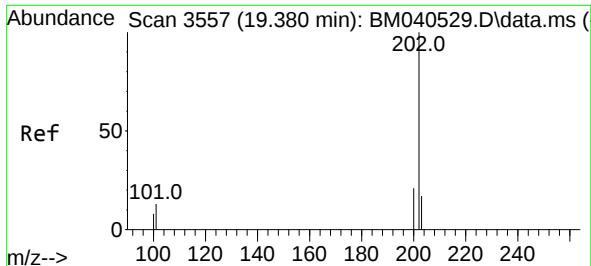
Delta R.T. -0.010 min

Lab File: BM040544.D

Acq: 02 Jul 2023 17:32

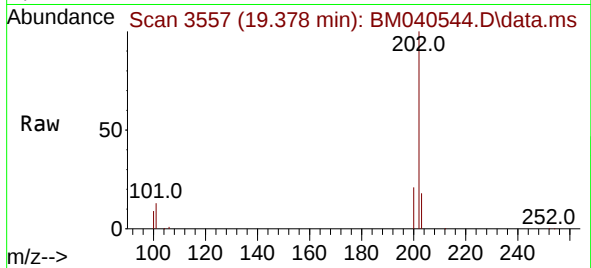
Tgt Ion:178	Resp:	9543
Ion Ratio	Lower	Upper
178	100	
179	18.9	12.9 19.3
176	21.2	15.8 23.6





#19
Fluoranthene
Concen: 2.502 ng/ul
RT: 19.378 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

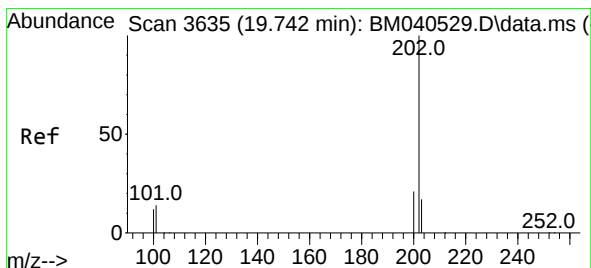
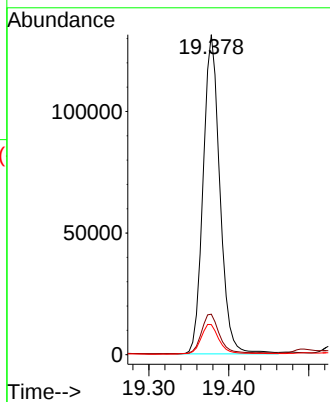
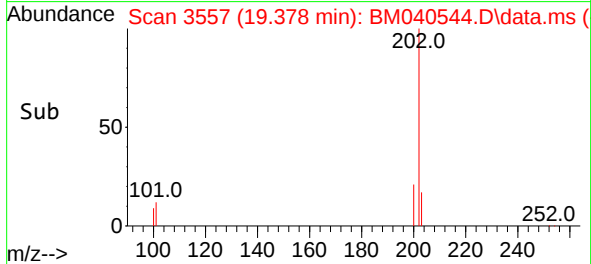
Instrument :
BNA_M
ClientSampleId :
DCGD3



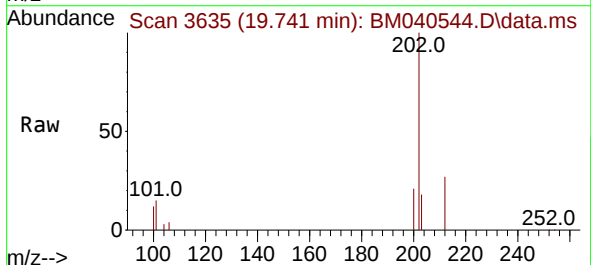
Tgt Ion:202 Resp: 191310
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.4 8.7 13.1

Manual Integrations
APPROVED

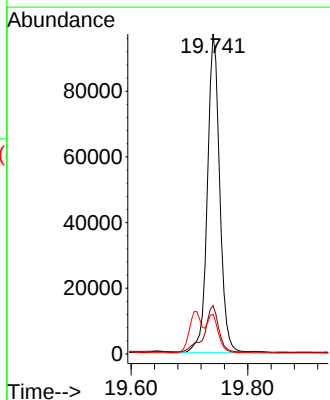
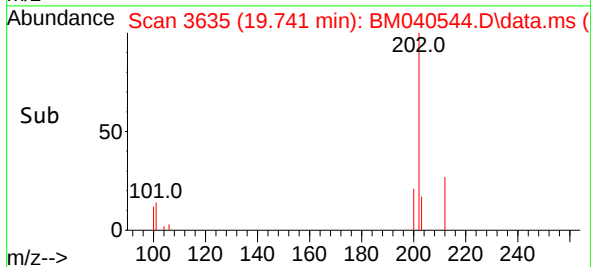
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

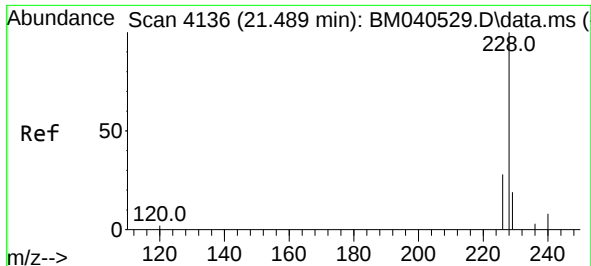


#20
Pyrene
Concen: 1.744 ng/ul
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32



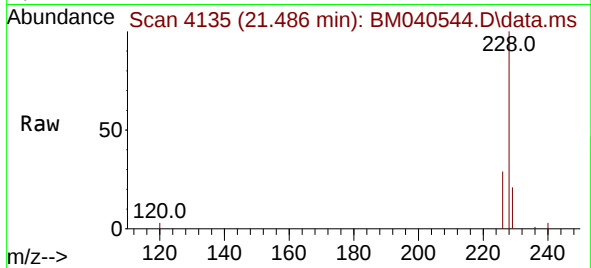
Tgt Ion:202 Resp: 142957
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.293 ng/ul
RT: 21.486 min Scan# 4136
Delta R.T. -0.005 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

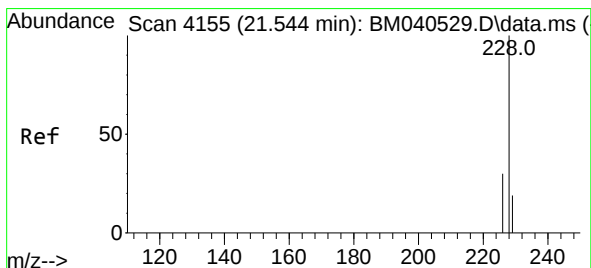
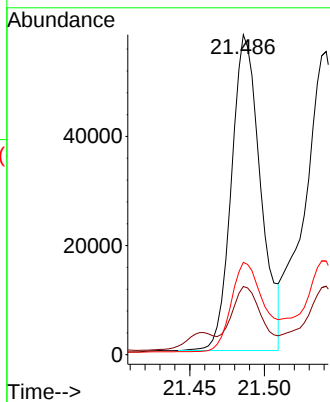
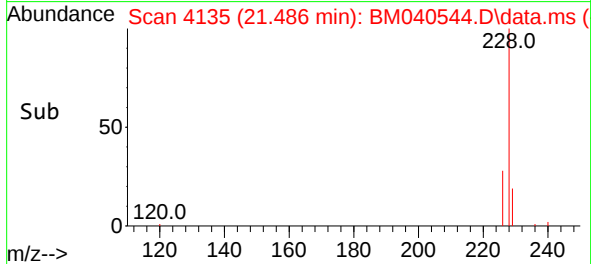
Instrument :
BNA_M
ClientSampleId :
DCGD3



Tgt Ion:228 Resp: 78690
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.9 22.3 33.5

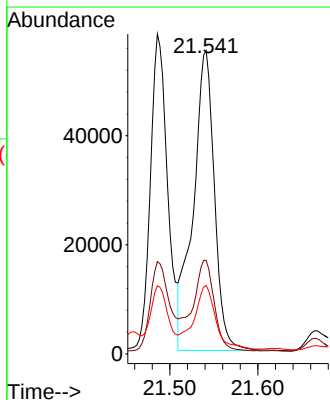
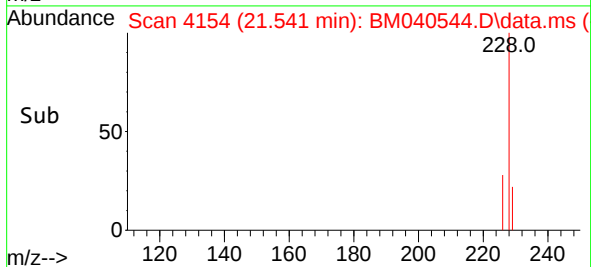
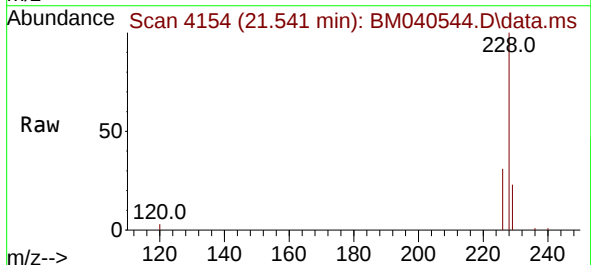
Manual Integrations
APPROVED

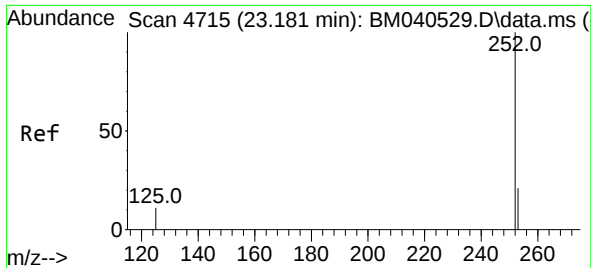
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 1.330 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

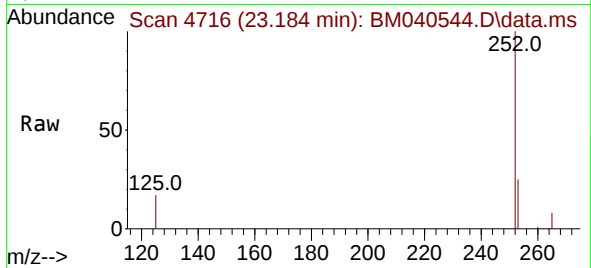
Tgt Ion:228 Resp: 92386
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.897 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

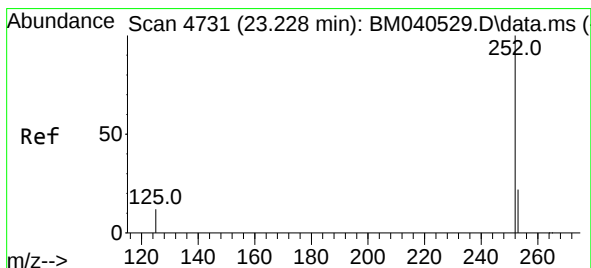
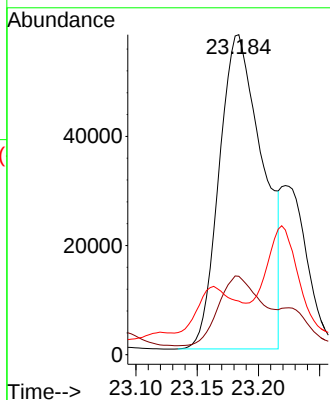
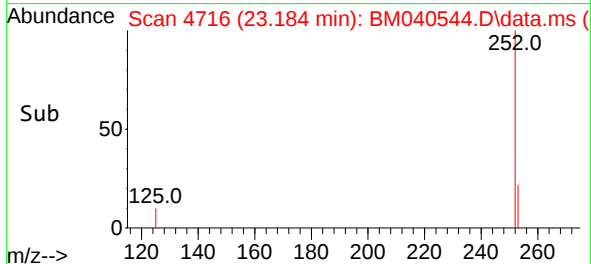
Instrument :
BNA_M
ClientSampleId :
DCGD3



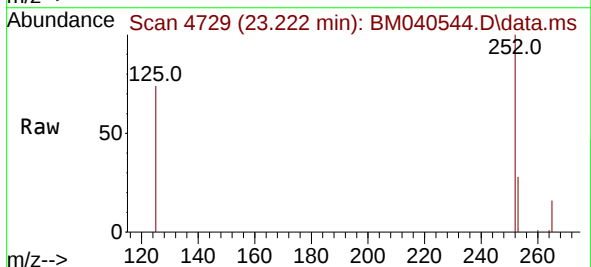
Tgt Ion:252 Resp: 14245
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.8
125 16.7 0.0 43.0

Manual Integrations
APPROVED

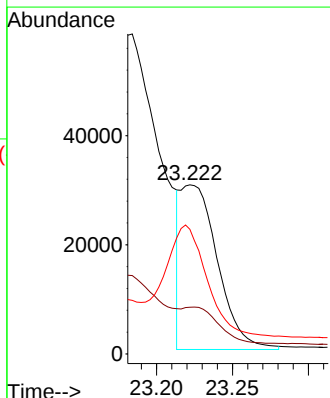
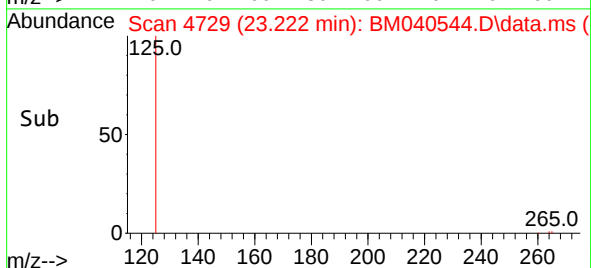
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

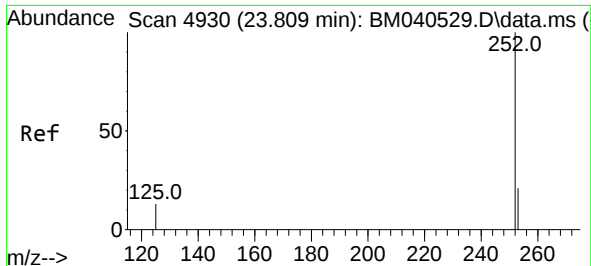


#25
Benzo(k)fluoranthene
Concen: 0.691 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.005 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32



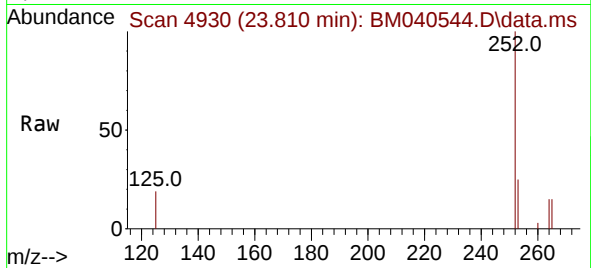
Tgt Ion:252 Resp: 51124
Ion Ratio Lower Upper
252 100
253 27.6 21.2 31.8
125 73.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.251 ng/ul
RT: 23.810 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

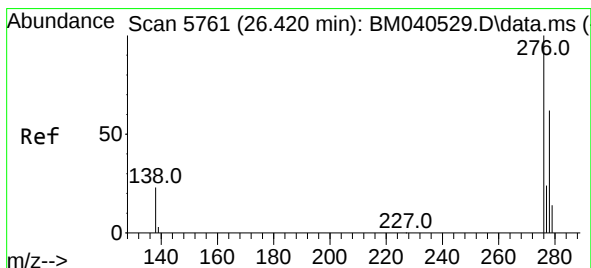
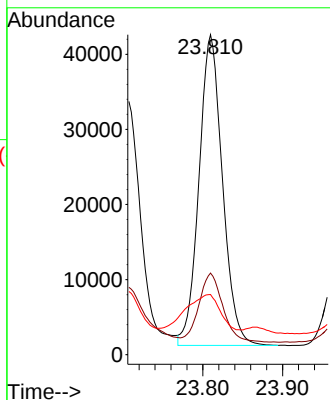
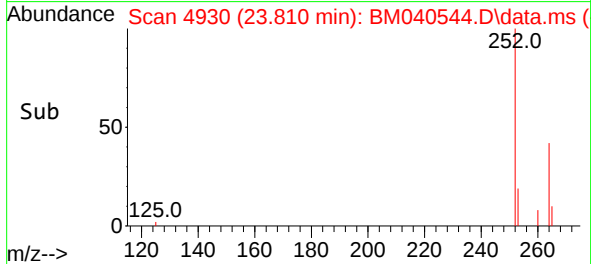
Instrument :
BNA_M
ClientSampleId :
DCGD3



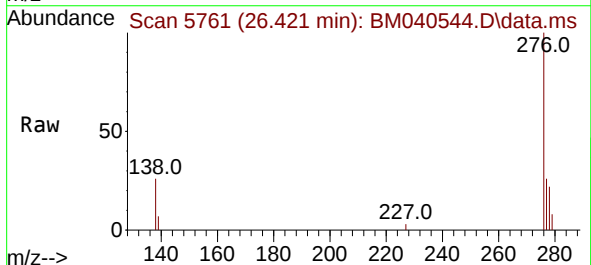
Tgt Ion:252 Resp: 84628
Ion Ratio Lower Upper
252 100
253 25.5 22.9 34.3
125 18.8 21.0 31.4

Manual Integrations
APPROVED

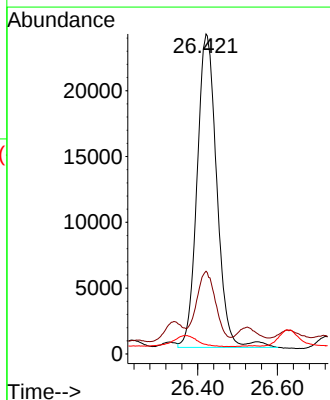
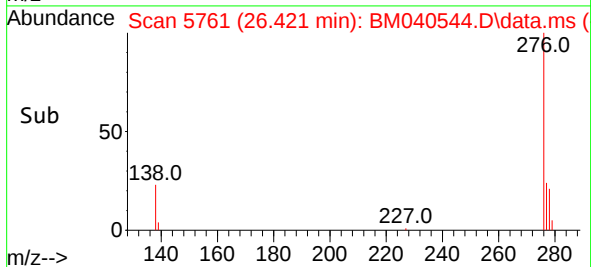
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

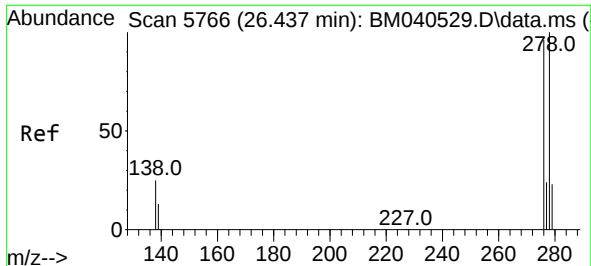


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.865 ng/ul
RT: 26.421 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32



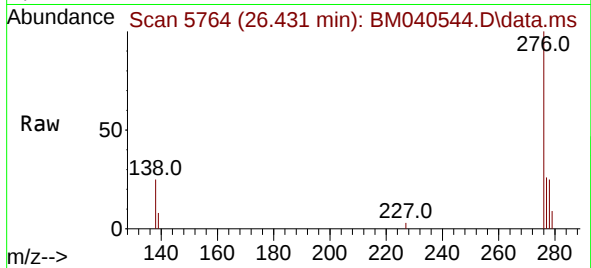
Tgt Ion:276 Resp: 81495
Ion Ratio Lower Upper
276 100
138 20.5 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.267 ng/ul
RT: 26.431 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32

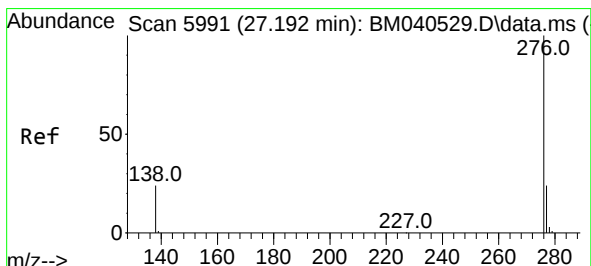
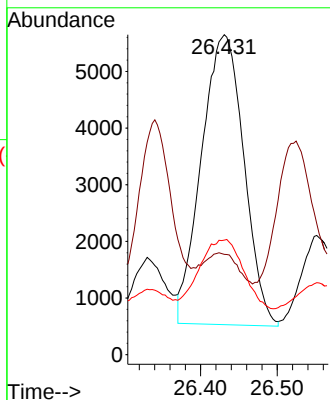
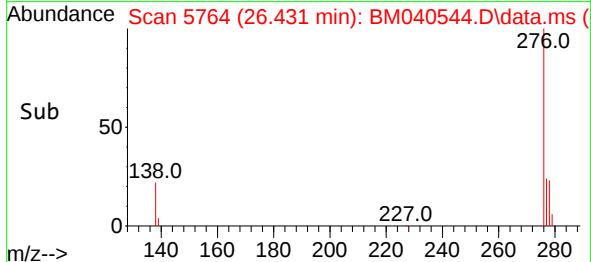
Instrument :
BNA_M
ClientSampleId :
DCGD3



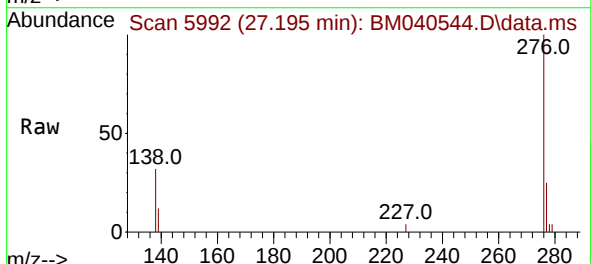
Tgt Ion:278 Resp: 19690
Ion Ratio Lower Upper
278 100
139 31.4 17.9 26.9
279 35.8 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.862 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040544.D
Acq: 02 Jul 2023 17:32



Tgt Ion:276 Resp: 71188
Ion Ratio Lower Upper
276 100
138 31.7 23.0 34.6
277 25.4 20.3 30.5

