

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040542.D
 Acq On : 02 Jul 2023 16:17
 Operator : MA/JU
 Sample : 03243-11
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD1

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:21:45 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	6690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	24062	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.572	164	14730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	28511	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	19712	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	20377	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	37210	3.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	8644	0.256	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	16905	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	119595	1.802	ng/ul	99
7) 2-Methylnaphthalene	12.400	142	136721	3.508	ng/ul	99
8) 1-Methylnaphthalene	12.615	142	95887	2.461	ng/ul	100
10) Acenaphthylene	14.295	152	170227	2.587	ng/ul	98
11) Acenaphthene	14.632	153	7535	0.136	ng/ul	91
12) Fluorene	15.623	166	11219	0.189	ng/ul#	84
14) Pentachlorophenol	16.977	266	265	0.048	ng/ul	90
15) Phenanthrene	17.362	178	402976	4.550	ng/ul	99
16) Anthracene	17.455	178	183063	2.460	ng/ul	99
19) Fluoranthene	19.379	202	1191503	14.230	ng/ul#	94
20) Pyrene	19.742	202	1232225	13.727	ng/ul	96
21) Benzo(a)anthracene	21.488	228	834662	12.518	ng/ul	98
22) Chrysene	21.541	228	945099	12.426	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	1566778	19.868	ng/ul	87
25) Benzo(k)fluoranthene	23.227	252	495631m	6.377	ng/ul	
26) Benzo(a)pyrene	23.812	252	737974	10.389	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.424	276	699664	7.072	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.434	278	177898	2.297	ng/ul	95
29) Benzo(g,h,i)perylene	27.202	276	591924	6.827	ng/ul	94

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

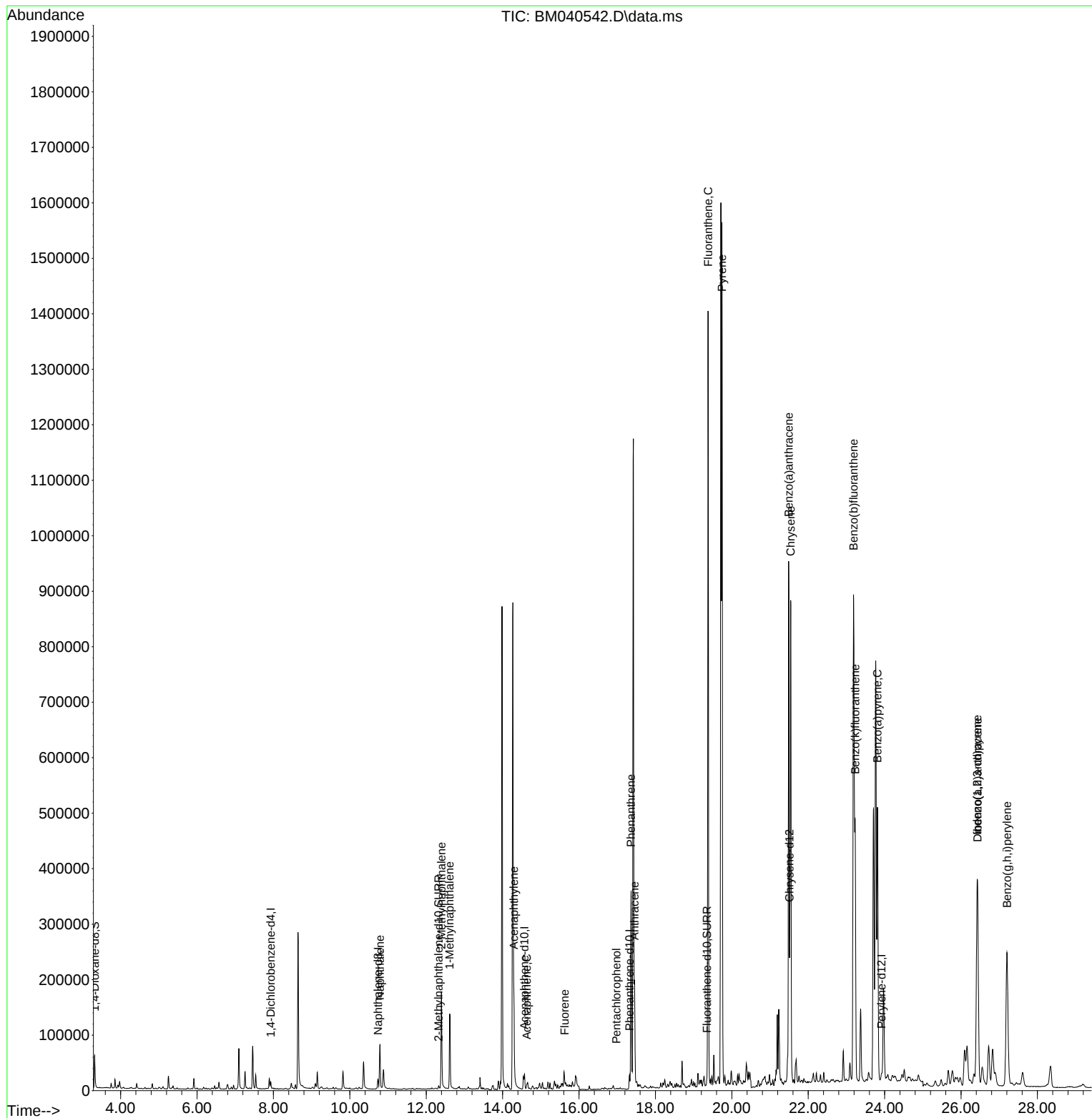
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040542.D
Acq On : 02 Jul 2023 16:17
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ALS Vial : 48 Sample Multiplier: 1

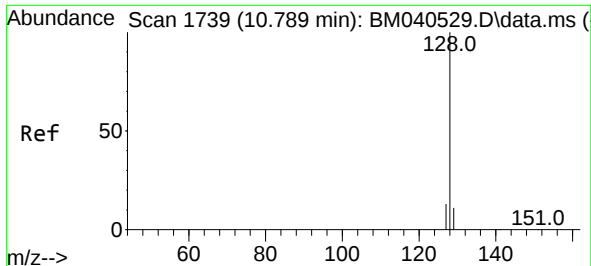
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Quant Time: Jul 03 02:21:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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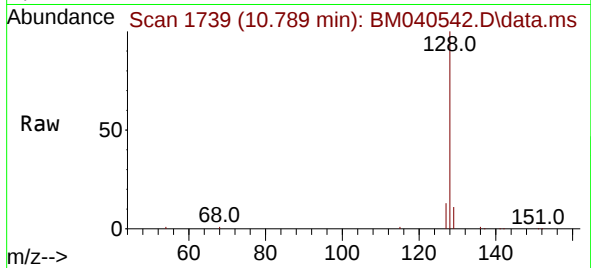
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#5
Naphthalene
Concen: 1.802 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

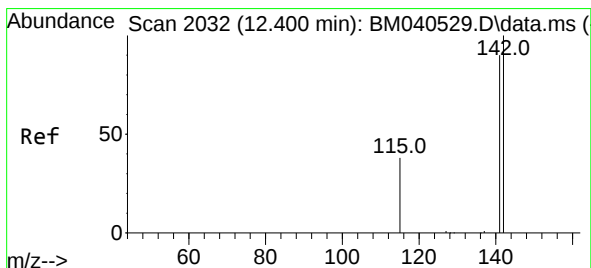
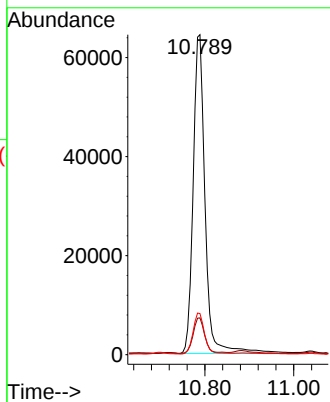
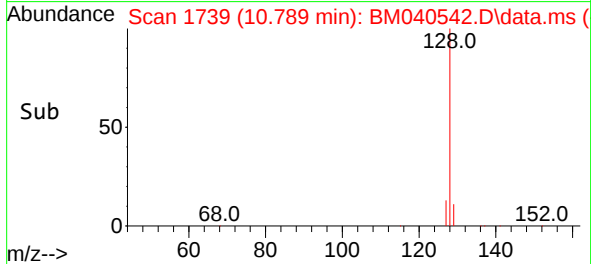
Instrument :
BNA_M
ClientSampleId :
DCGD1



Tgt Ion:128 Resp: 11959
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 12.8 10.6 15.8

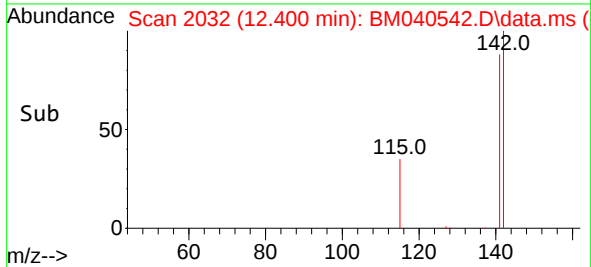
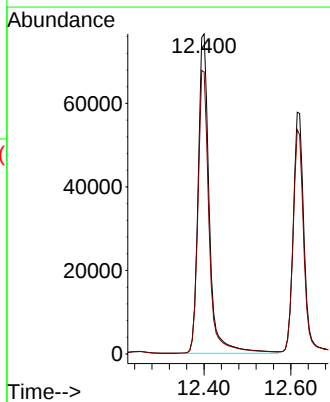
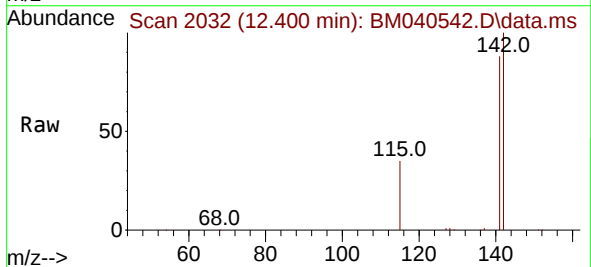
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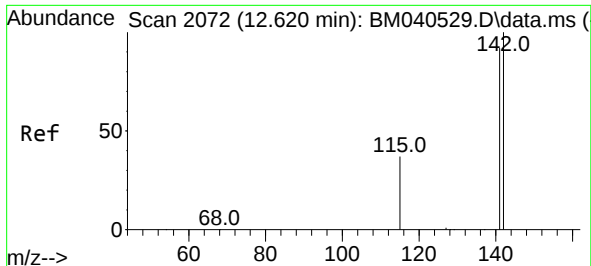
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 3.508 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

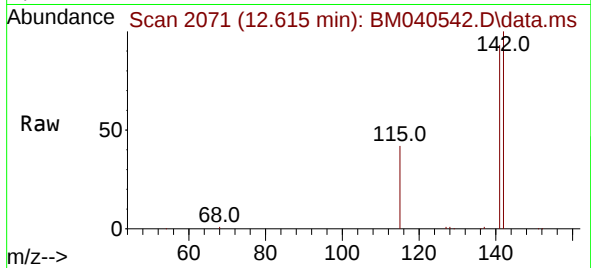
Tgt Ion:142 Resp: 136721
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 2.461 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

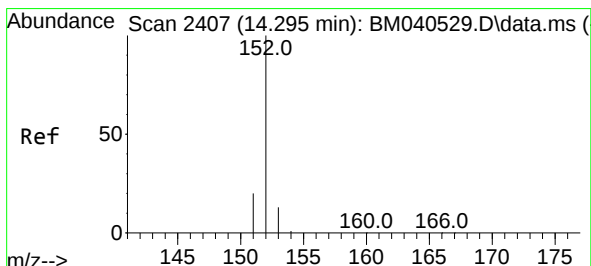
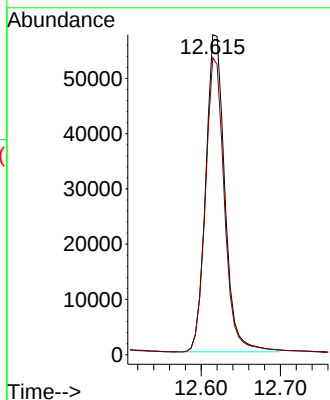
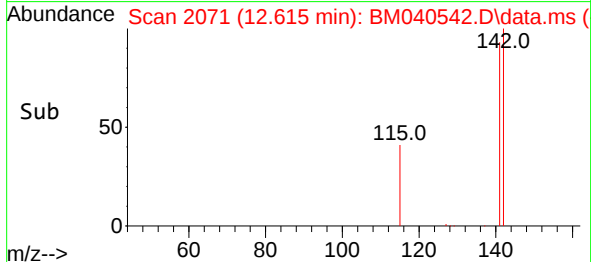
Instrument :
BNA_M
ClientSampleId :
DCGD1



Tgt Ion:142 Resp: 9588
Ion Ratio Lower Upper
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141 92.4 73.7 110.5

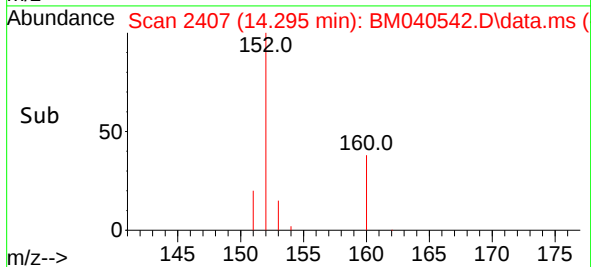
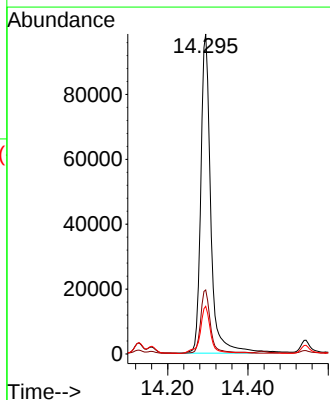
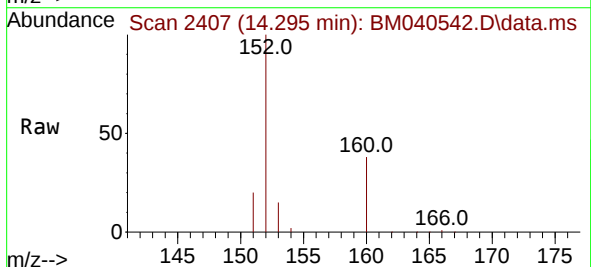
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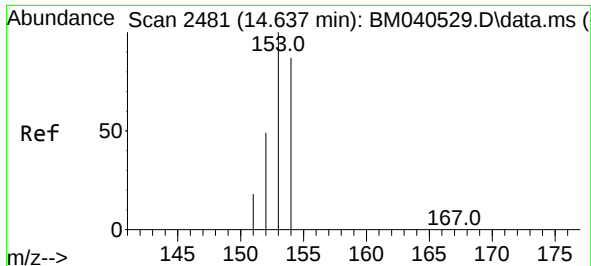
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 2.587 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

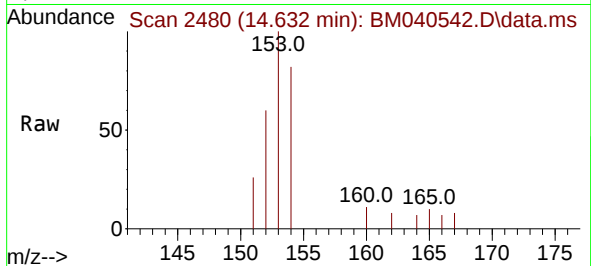
Tgt Ion:152 Resp: 170227
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.136 ng/ul
RT: 14.632 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

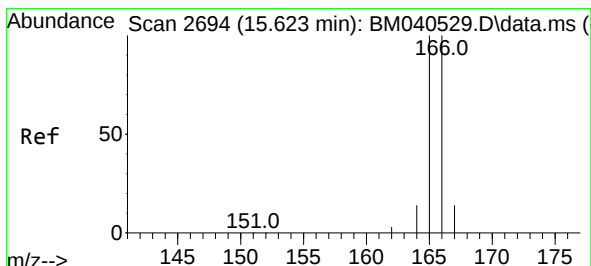
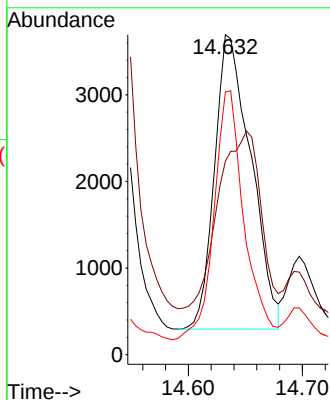
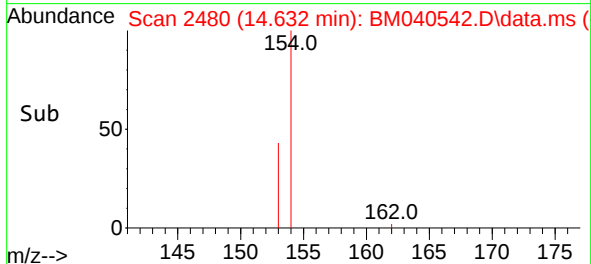
Instrument :
BNA_M
ClientSampleId :
DCGD1



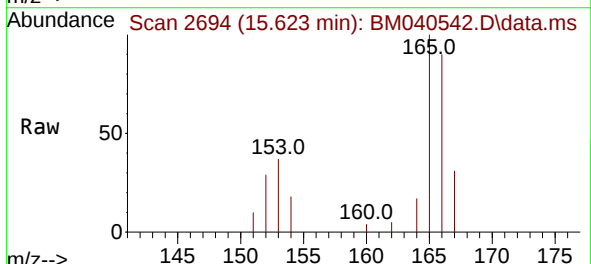
Tgt Ion:153 Resp: 753
Ion Ratio Lower Upper
153 100
152 60.4 41.0 61.4
154 82.1 70.8 106.2

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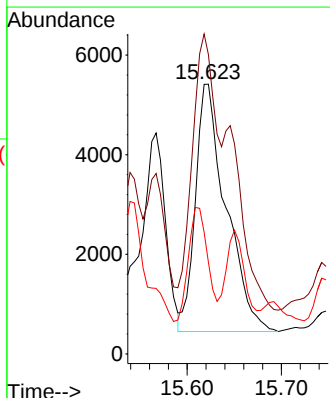
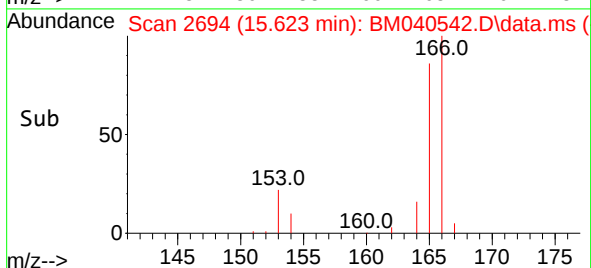
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

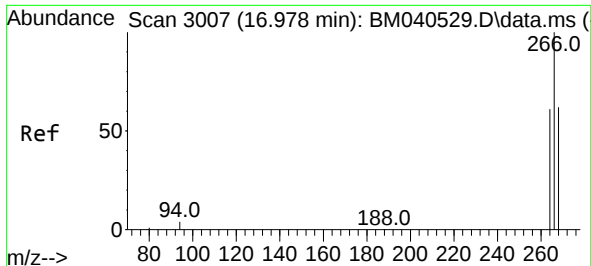


#12
Fluorene
Concen: 0.189 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17



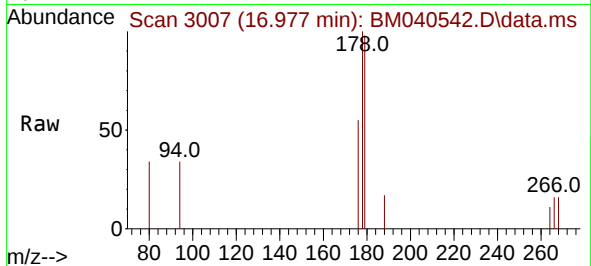
Tgt Ion:166 Resp: 11219
Ion Ratio Lower Upper
166 100
165 110.9 79.6 119.4
167 33.9 11.4 17.0#





#14
Pentachlorophenol
Concen: 0.048 ng/ul
RT: 16.977 min Scan# 3007
Delta R.T. -0.004 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

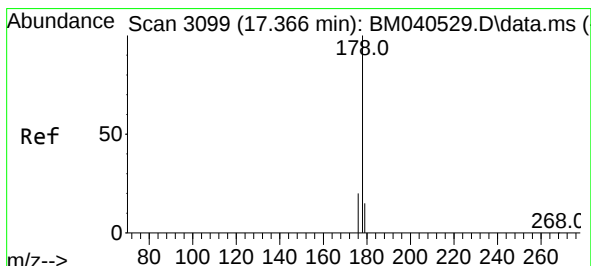
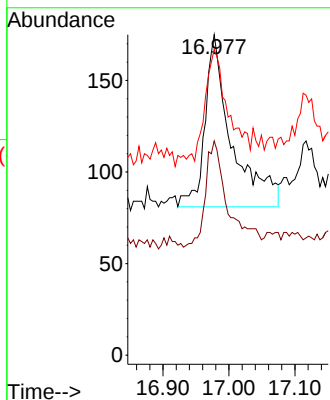
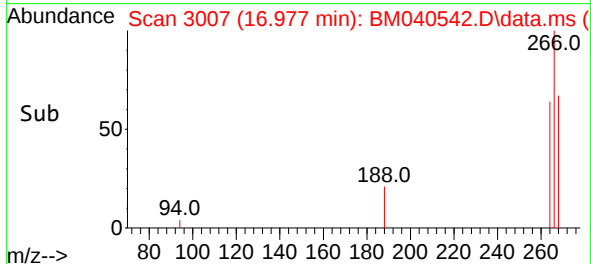
Instrument :
BNA_M
ClientSampleId :
DCGD1



Tgt Ion:266 Resp: 266
Ion Ratio Lower Upper
266 100
264 51.7 45.4 68.0
268 48.7 47.2 70.8

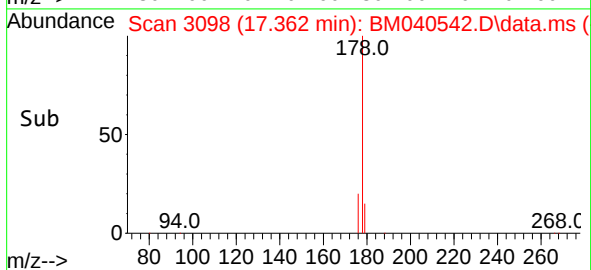
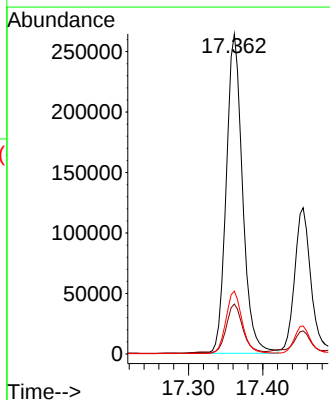
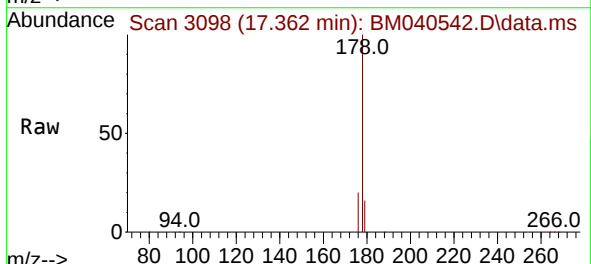
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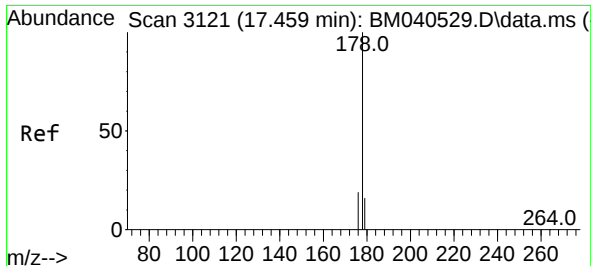
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#15
Phenanthrene
Concen: 4.550 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

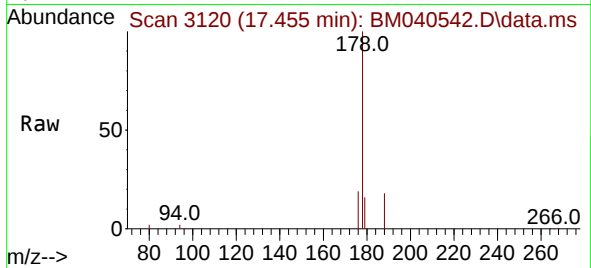
Tgt Ion:178 Resp: 402976
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.6 16.4 24.6





#16
 Anthracene
 Concen: 2.460 ng/ul
 RT: 17.455 min Scan# 3121
 Delta R.T. -0.008 min
 Lab File: BM040542.D
 Acq: 02 Jul 2023 16:17

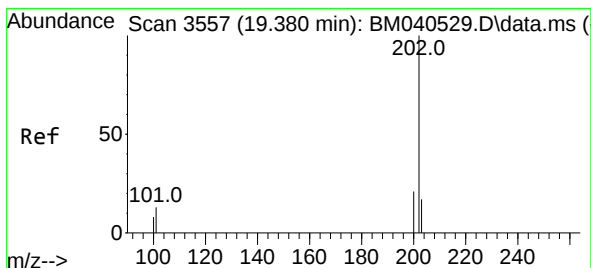
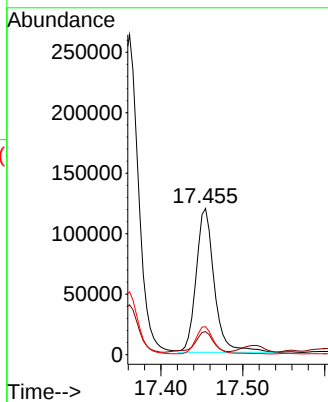
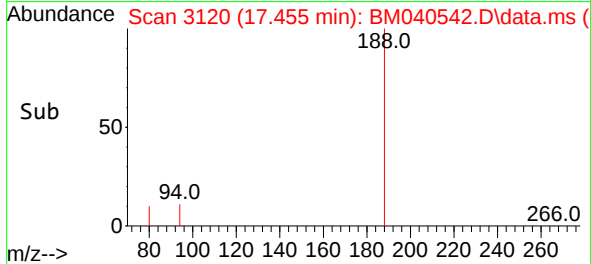
Instrument :
 BNA_M
 ClientSampleId :
 DCGD1



Tgt Ion:178 Resp: 183063
 Ion Ratio Lower Upper
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 179 15.8 12.9 19.3
 176 19.2 15.8 23.6

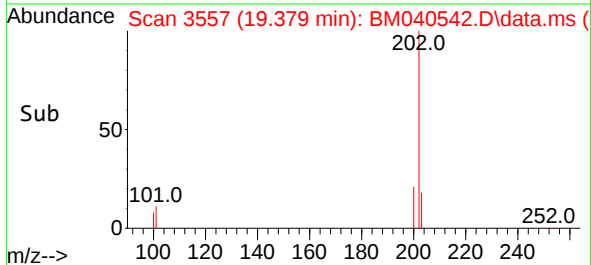
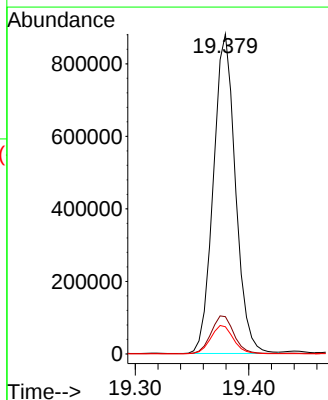
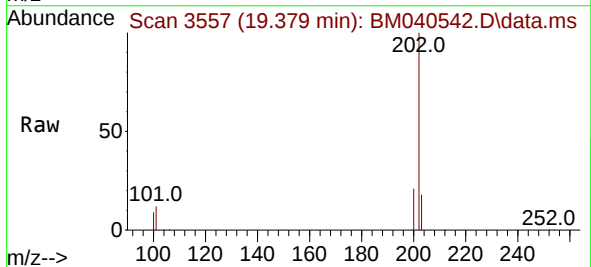
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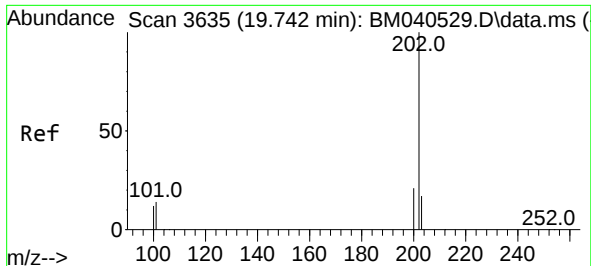
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023



#19
 Fluoranthene
 Concen: 14.230 ng/ul
 RT: 19.379 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BM040542.D
 Acq: 02 Jul 2023 16:17

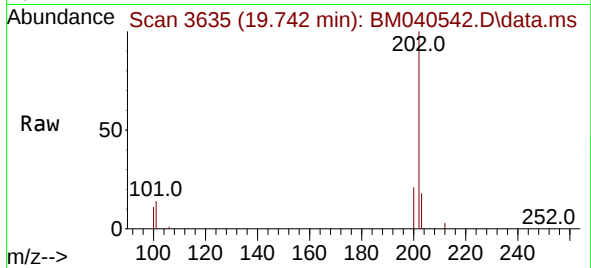
Tgt Ion:202 Resp: 1191503
 Ion Ratio Lower Upper
 202 100
 101 11.6 11.4 17.0
 100 8.5 8.7 13.1#





#20
Pyrene
Concen: 13.727 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

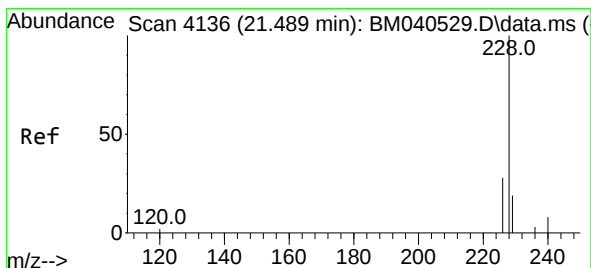
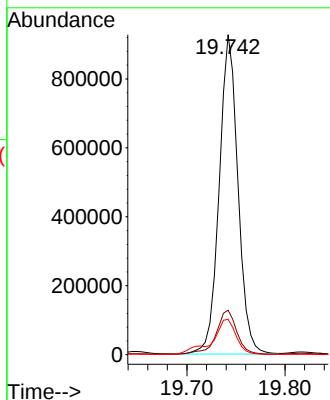
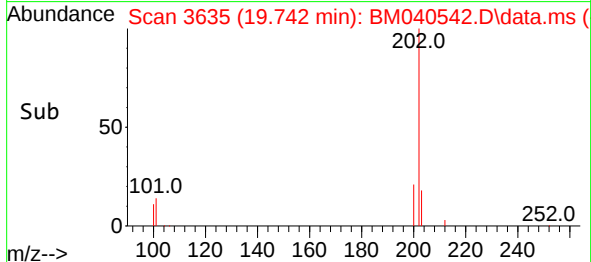
Instrument :
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DCGD1



Tgt Ion:202 Resp: 1232225
Ion Ratio Lower Upper
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101 13.9 12.6 18.8
100 11.1 9.8 14.6

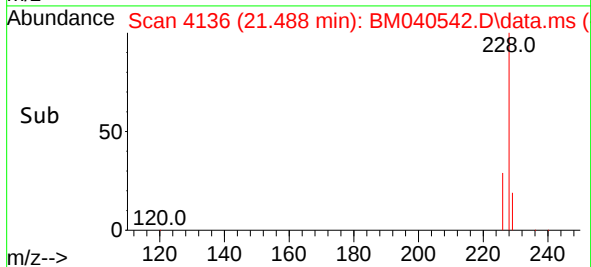
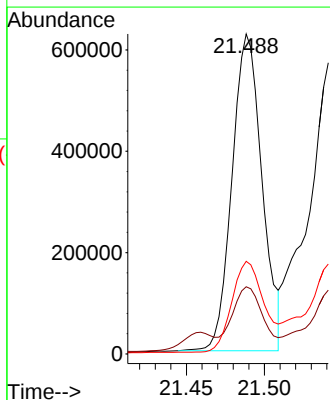
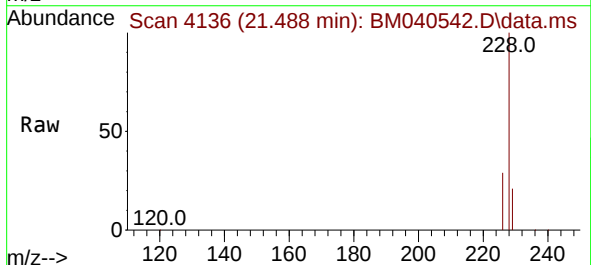
Manual Integrations
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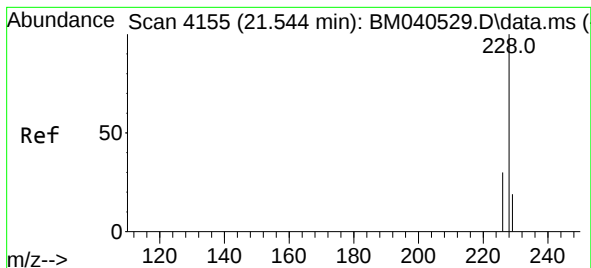
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#21
Benzo(a)anthracene
Concen: 12.518 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

Tgt Ion:228 Resp: 834662
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 29.0 22.3 33.5





#22

Chrysene

Concen: 12.426 ng/u1

RT: 21.541 min Scan# 4155

Delta R.T. -0.003 min

Lab File: BM040542.D

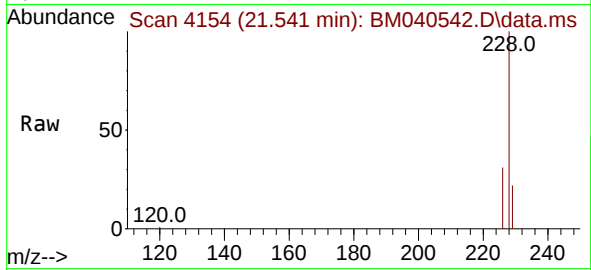
Acq: 02 Jul 2023 16:17

Instrument :

BNA_M

ClientSampleId :

DCGD1



Tgt Ion:228 Resp: 945099

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

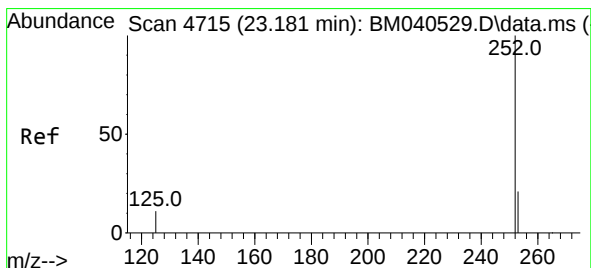
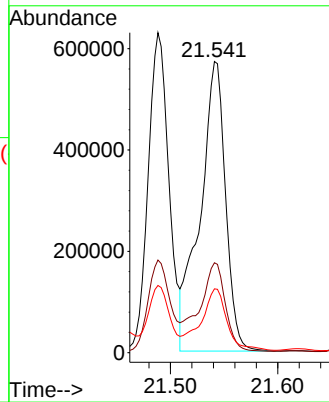
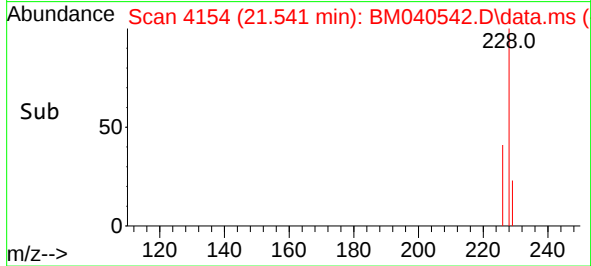
229 21.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#24

Benzo(b)fluoranthene

Concen: 19.868 ng/u1

RT: 23.186 min Scan# 4717

Delta R.T. 0.006 min

Lab File: BM040542.D

Acq: 02 Jul 2023 16:17

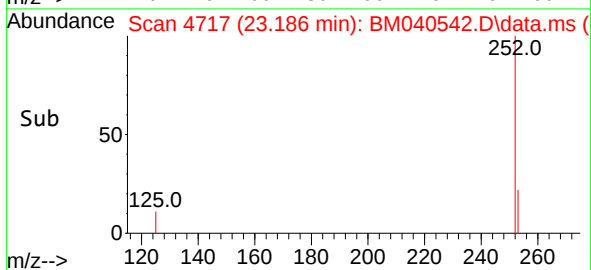
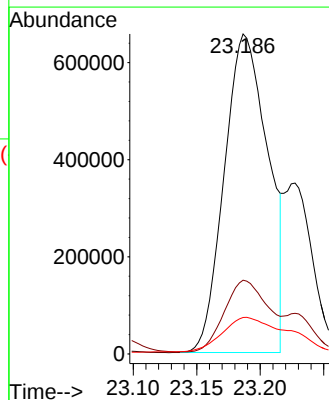
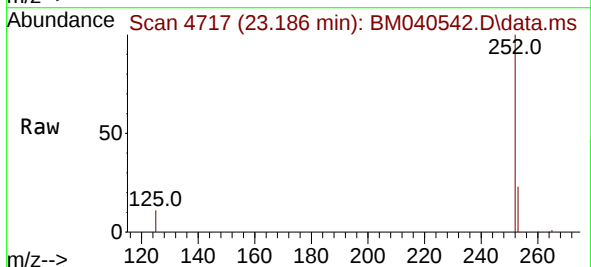
Tgt Ion:252 Resp: 1566778

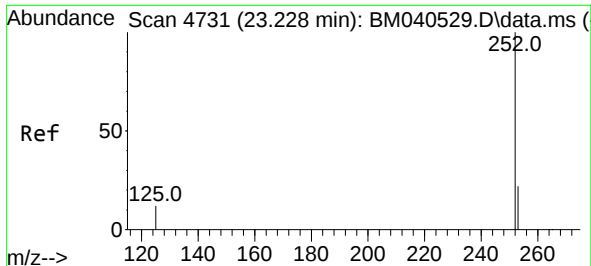
Ion Ratio Lower Upper

252 100

253 23.0 0.0 52.8

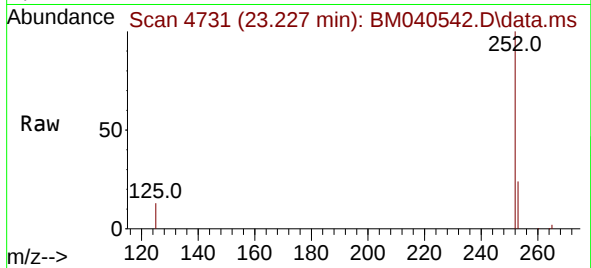
125 11.4 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 6.377 ng/ul m
RT: 23.227 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

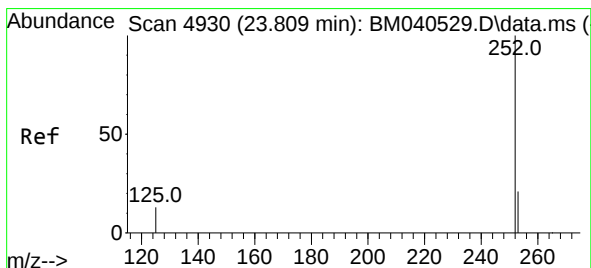
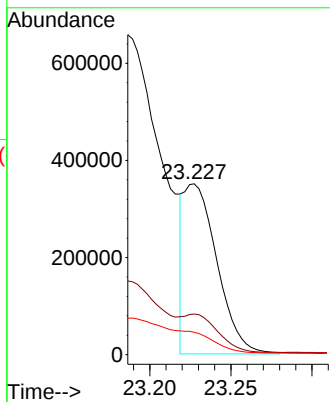
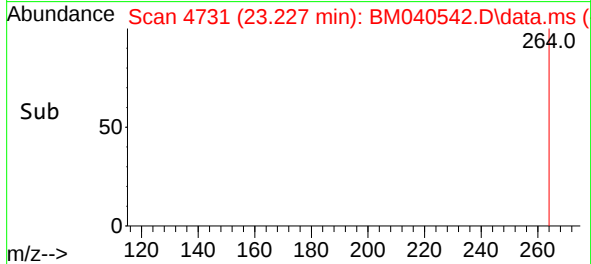
Instrument :
BNA_M
ClientSampleId :
DCGD1



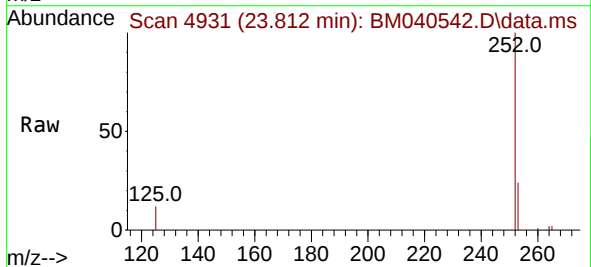
Tgt Ion:252 Resp: 49563
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 13.1 16.4 24.6

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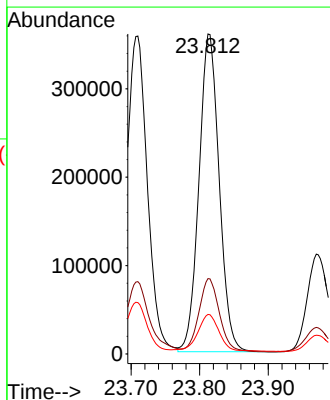
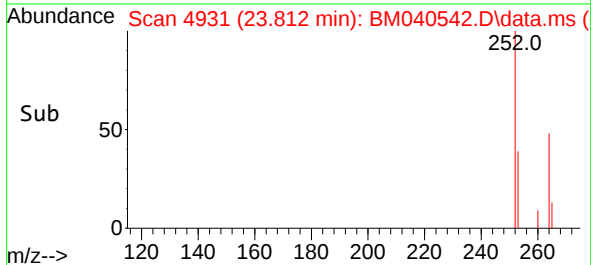
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

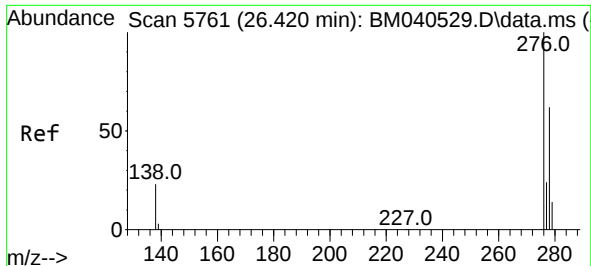


#26
Benzo(a)pyrene
Concen: 10.389 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17



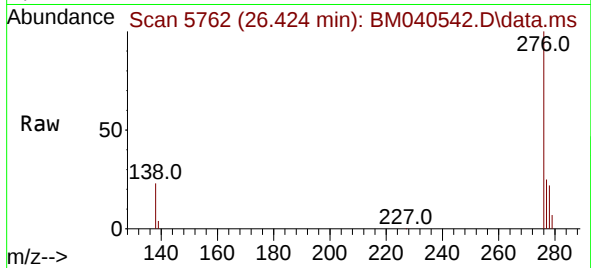
Tgt Ion:252 Resp: 737974
Ion Ratio Lower Upper
252 100
253 23.5 22.9 34.3
125 12.3 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 7.072 ng/ul
RT: 26.424 min Scan# 5761
Delta R.T. 0.003 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

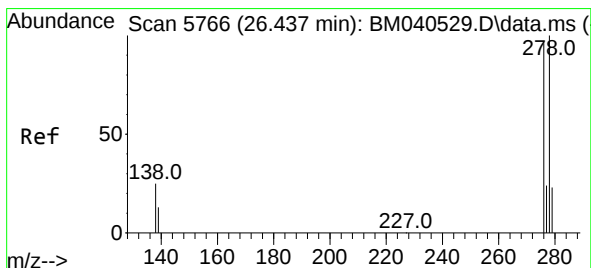
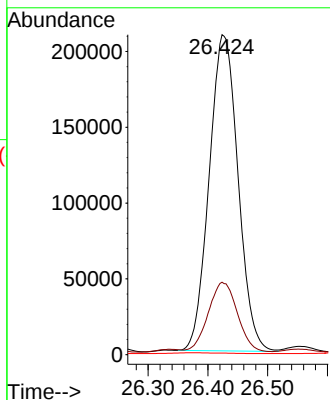
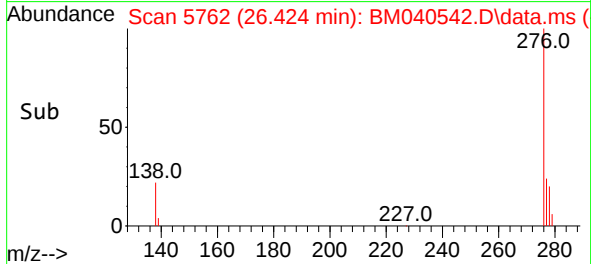
Instrument :
BNA_M
ClientSampleId :
DCGD1



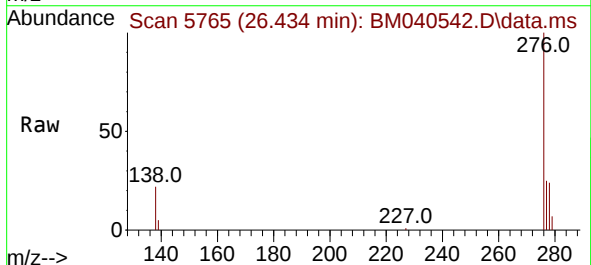
Tgt Ion:276 Resp: 699664
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7
227 0.0 0.1 0.1

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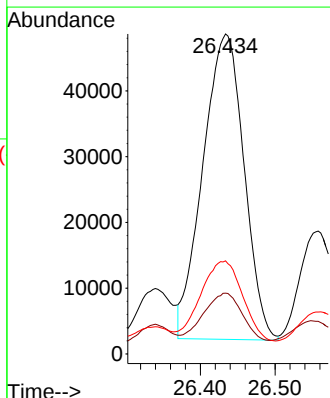
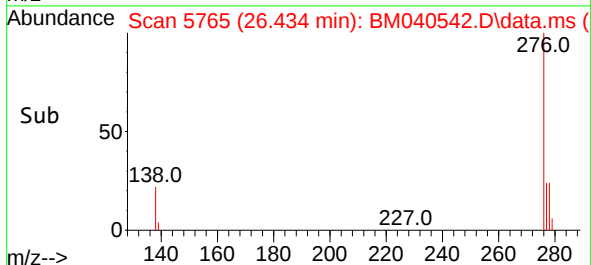
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

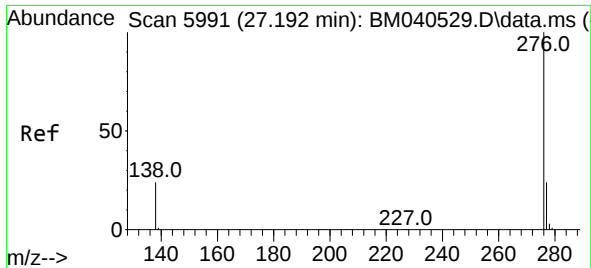


#28
Dibenzo(a,h)anthracene
Concen: 2.297 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.003 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17



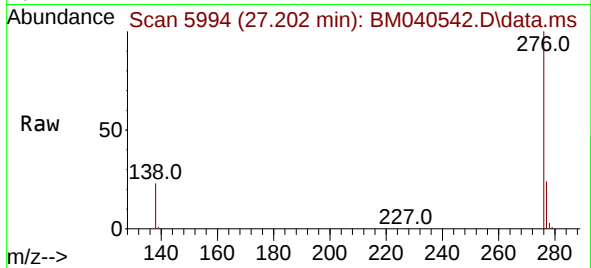
Tgt Ion:278 Resp: 177898
Ion Ratio Lower Upper
278 100
139 19.0 17.9 26.9
279 29.1 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 6.827 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040542.D
Acq: 02 Jul 2023 16:17

Instrument :
BNA_M
ClientSampleId :
DCGD1



Tgt Ion:276 Resp: 591924
Ion Ratio Lower Upper
276 100
138 23.4 23.0 34.6
277 24.2 20.3 30.5

Manual Integrations
APPROVED

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

