

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040549.D
 Acq On : 02 Jul 2023 21:17
 Operator : MA/JU
 Sample : 03243-15
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD5

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:31:58 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	6752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	24901	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.571	164	13874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	28427	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	18598	0.400	ng/ul	0.00
23) Perylene-d12	23.916	264	17794	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	35396	3.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.322	152	8862	0.254	ng/ul	-0.01
18) Fluoranthene-d10	19.346	212	18151	0.304	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.788	128	78957	1.150	ng/ul	100
7) 2-Methylnaphthalene	12.399	142	24855	0.616	ng/ul	98
8) 1-Methylnaphthalene	12.619	142	19915	0.494	ng/ul	99
10) Acenaphthylene	14.294	152	63580	1.026	ng/ul	99
11) Acenaphthene	14.631	153	44753	0.855	ng/ul	98
12) Fluorene	15.621	166	54447	0.974	ng/ul	98
15) Phenanthrene	17.360	178	960632	10.879	ng/ul	99
16) Anthracene	17.453	178	240647	3.243	ng/ul	99
19) Fluoranthene	19.378	202	1492045	18.887	ng/ul#	94
20) Pyrene	19.741	202	1164137	13.745	ng/ul	96
21) Benzo(a)anthracene	21.487	228	543954	8.647	ng/ul	99
22) Chrysene	21.540	228	502722	7.006	ng/ul	98
24) Benzo(b)fluoranthene	23.179	252	682439	9.910	ng/ul	88
25) Benzo(k)fluoranthene	23.220	252	262547m	3.869	ng/ul	
26) Benzo(a)pyrene	23.811	252	423023	6.820	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.422	276	333613	3.862	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.429	278	76864	1.136	ng/ul	95
29) Benzo(g,h,i)perylene	27.197	276	311216	4.110	ng/ul	94

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

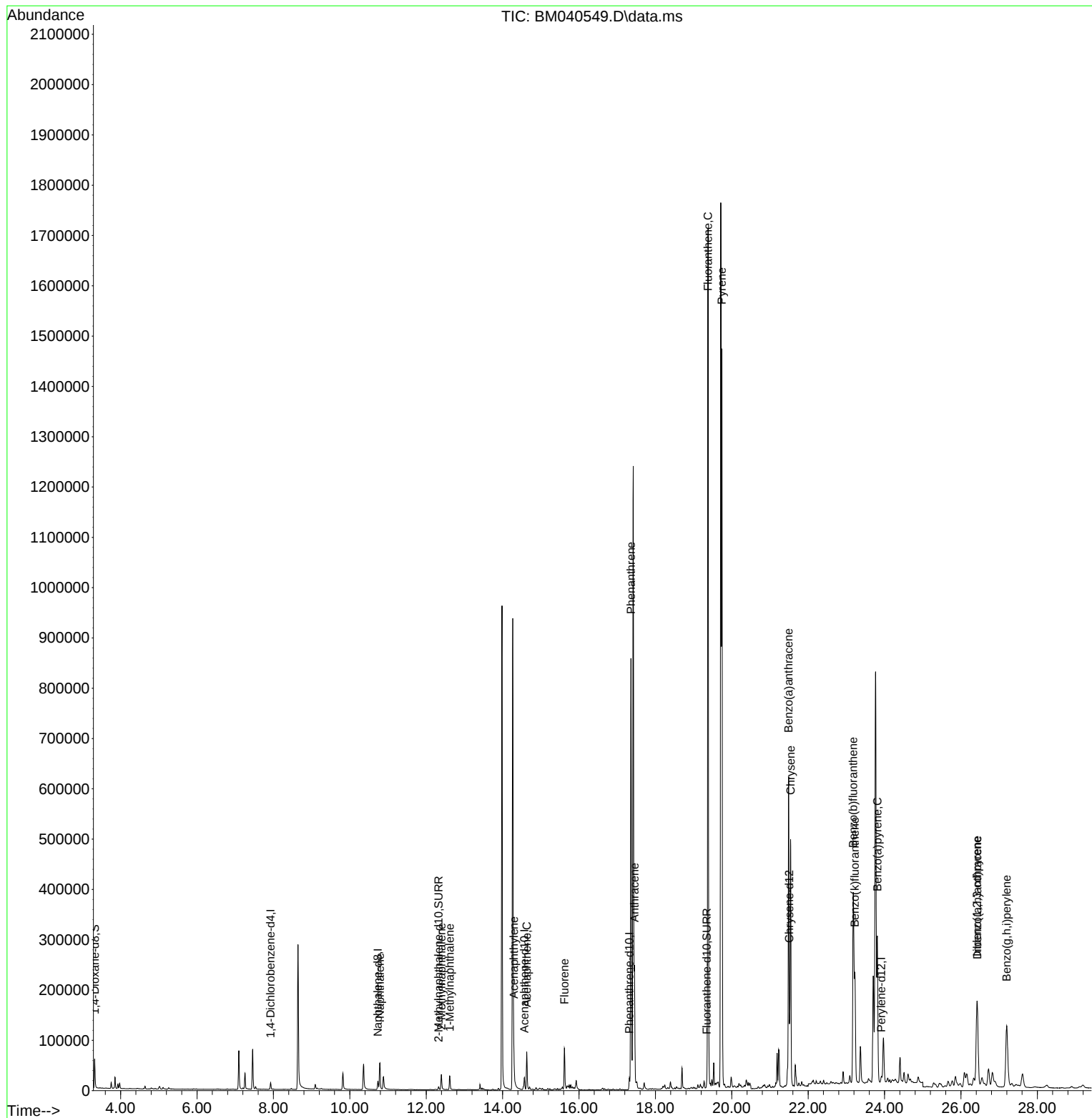
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040549.D
Acq On : 02 Jul 2023 21:17
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ALS Vial : 55 Sample Multiplier: 1

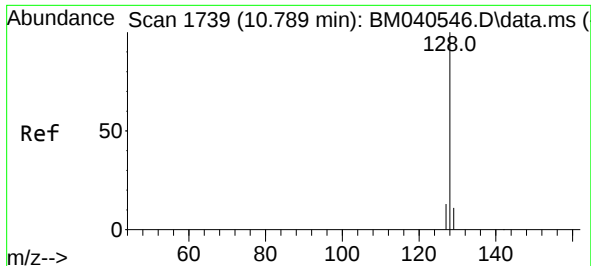
Instrument :
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Supervised By :mohammad ahmed 07/03/2023

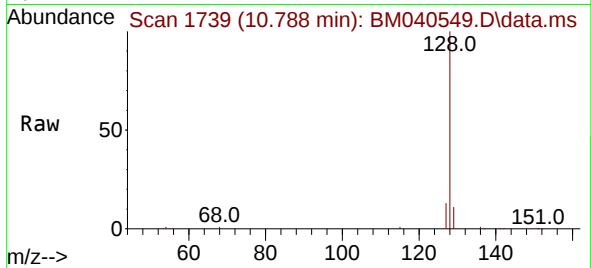
Quant Time: Jul 03 02:31:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.150 ng/ul
RT: 10.788 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

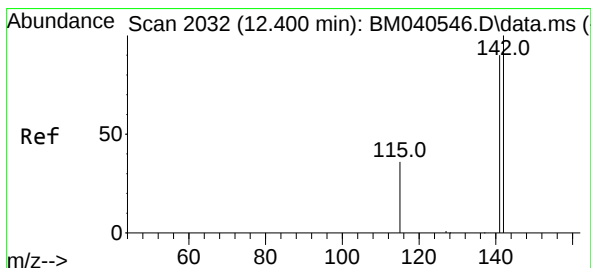
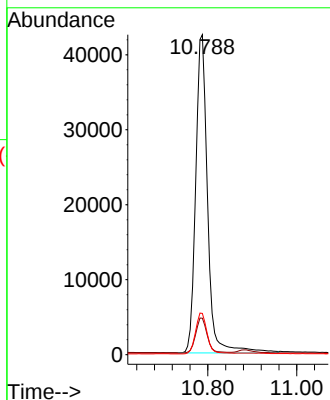
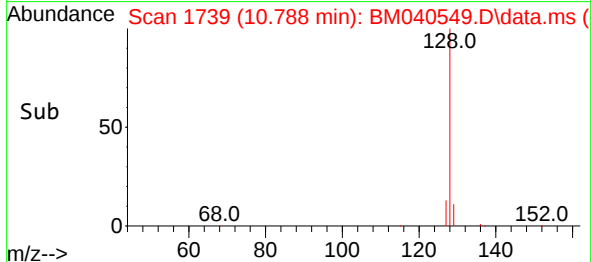
Instrument :
BNA_M
ClientSampleId :
DCGD5



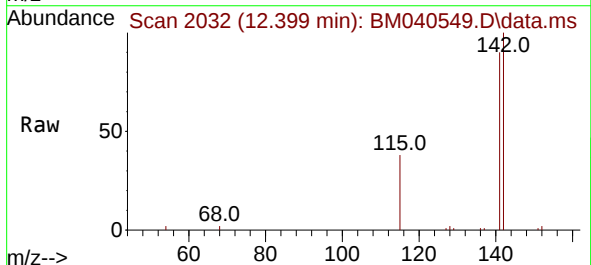
Tgt Ion:128 Resp: 7895
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.9 10.6 15.8

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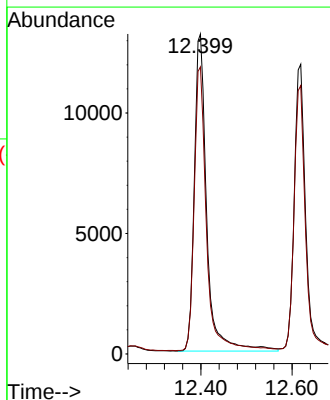
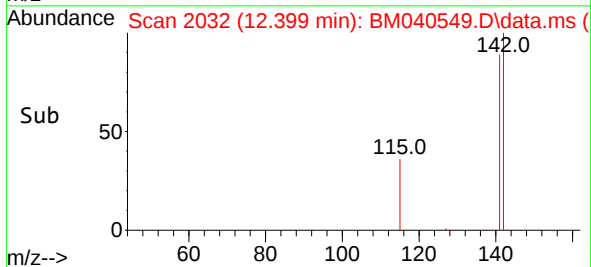
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

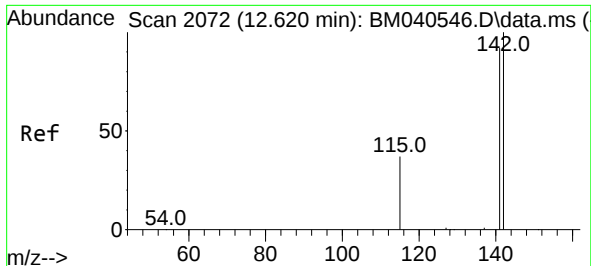


#7
2-Methylnaphthalene
Concen: 0.616 ng/ul
RT: 12.399 min Scan# 2032
Delta R.T. -0.007 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17



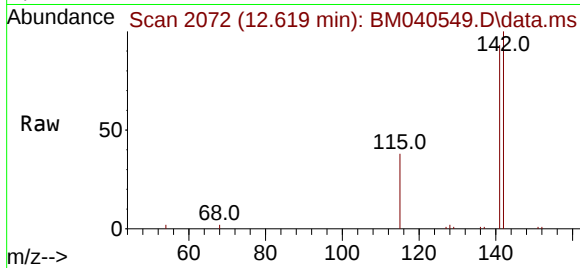
Tgt Ion:142 Resp: 24855
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.494 ng/ul
RT: 12.619 min Scan# 2072
Delta R.T. -0.007 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

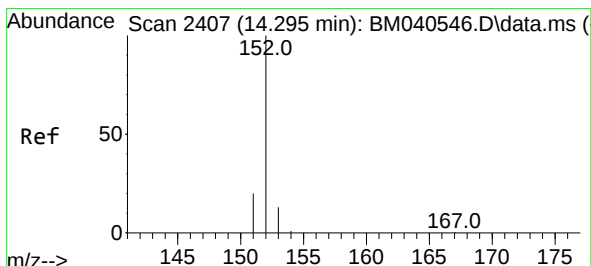
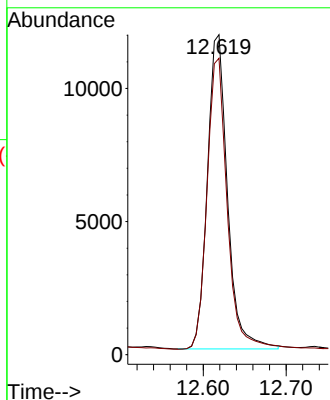
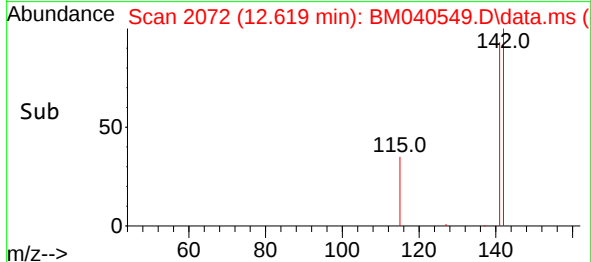
Instrument :
BNA_M
ClientSampleId :
DCGD5



Tgt Ion:142 Resp: 19915
Ion Ratio Lower Upper
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141 92.8 73.7 110.5

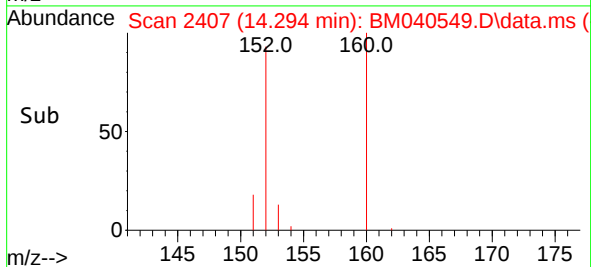
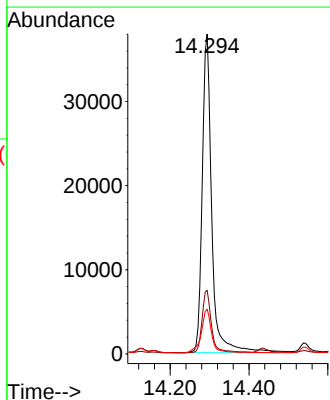
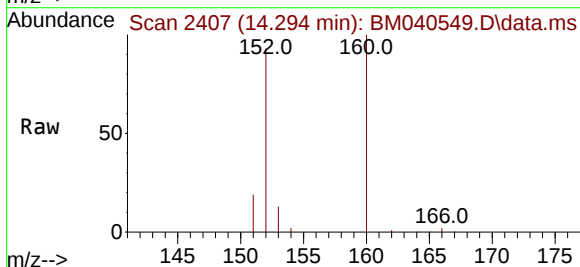
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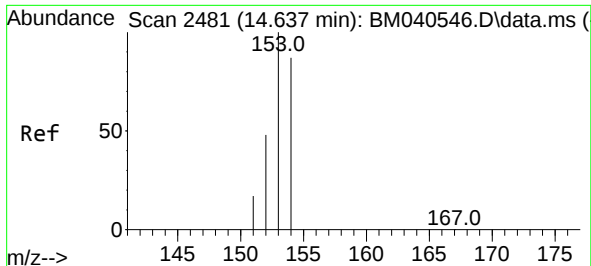
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 1.026 ng/ul
RT: 14.294 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

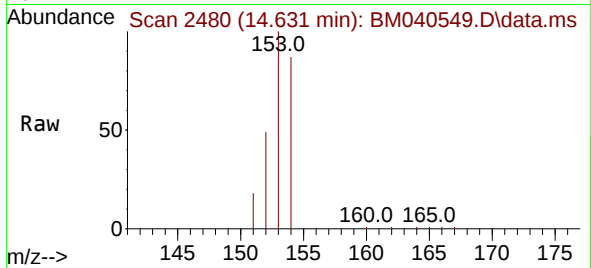
Tgt Ion:152 Resp: 63580
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.855 ng/ul
RT: 14.631 min Scan# 2481
Delta R.T. -0.010 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

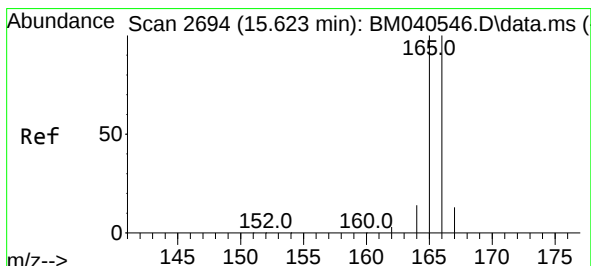
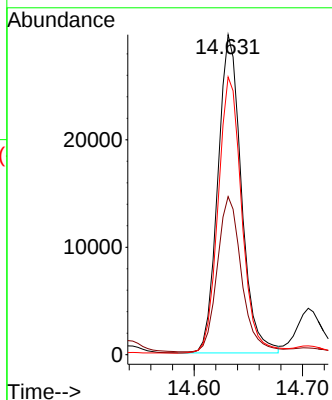
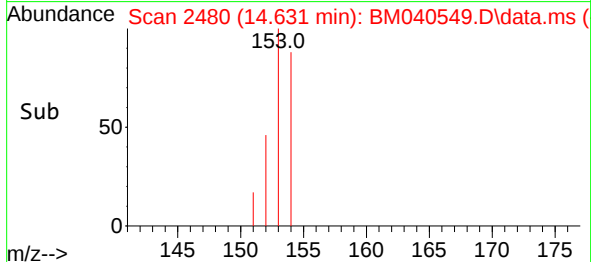
Instrument :
BNA_M
ClientSampleId :
DCGD5



Tgt Ion:153 Resp: 4475
Ion Ratio Lower Upper
153 100
152 49.4 41.0 61.4
154 86.8 70.8 106.2

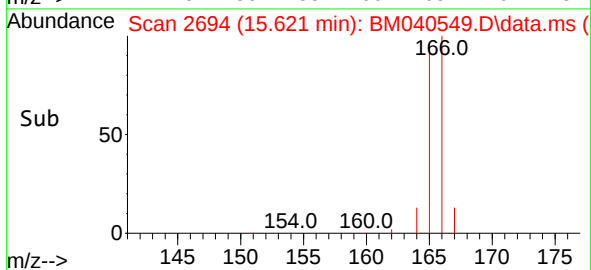
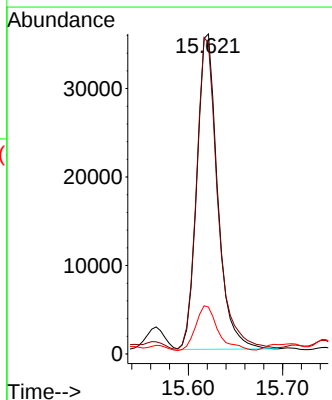
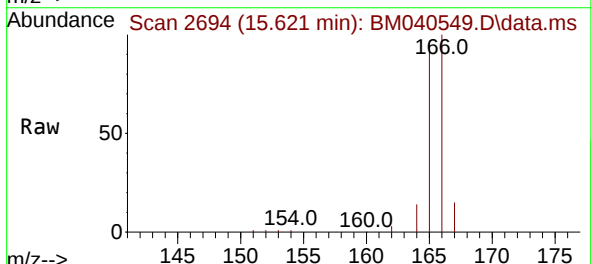
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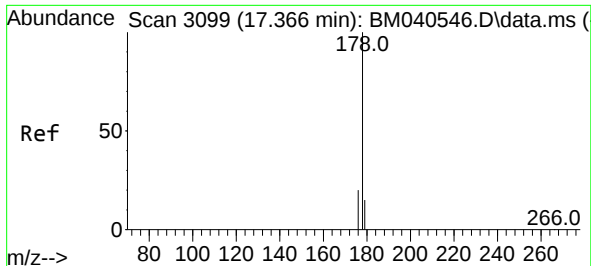
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.974 ng/ul
RT: 15.621 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

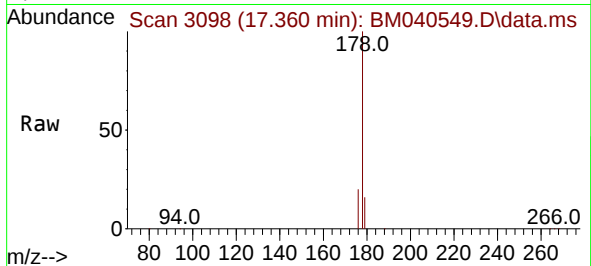
Tgt Ion:166 Resp: 54447
Ion Ratio Lower Upper
166 100
165 97.0 79.6 119.4
167 14.6 11.4 17.0





#15
Phenanthrene
Concen: 10.879 ng/ul
RT: 17.360 min Scan# 3099
Delta R.T. -0.010 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

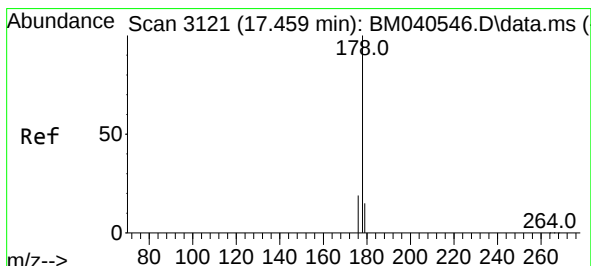
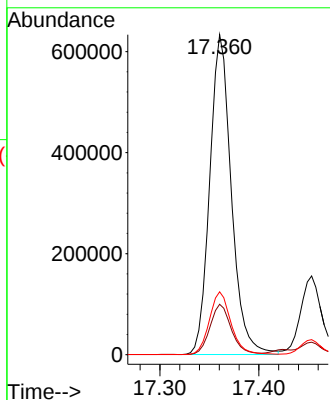
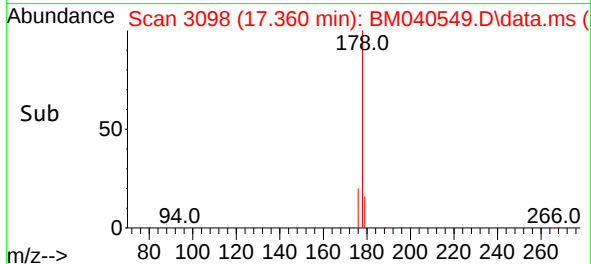
Instrument :
BNA_M
ClientSampleId :
DCGD5



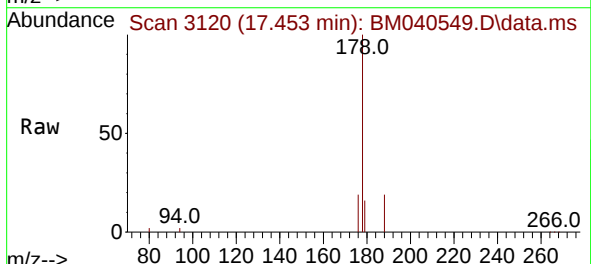
Tgt Ion:178 Resp: 960632
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.6 16.4 24.6

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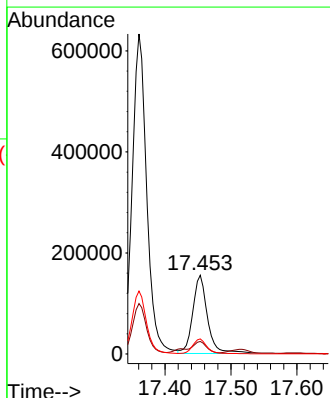
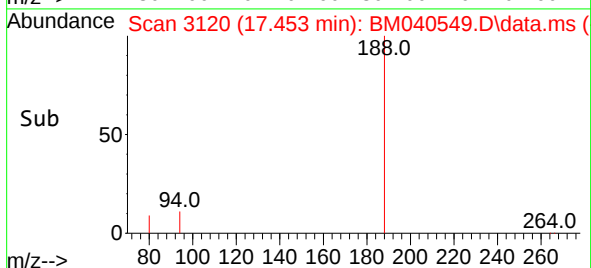
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

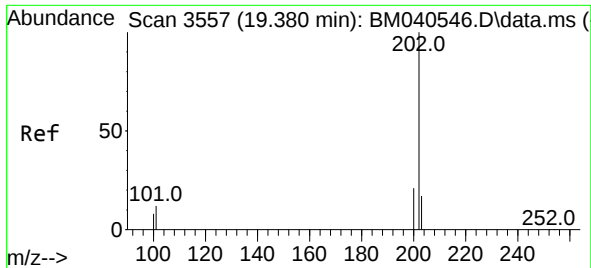


#16
Anthracene
Concen: 3.243 ng/ul
RT: 17.453 min Scan# 3120
Delta R.T. -0.010 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17



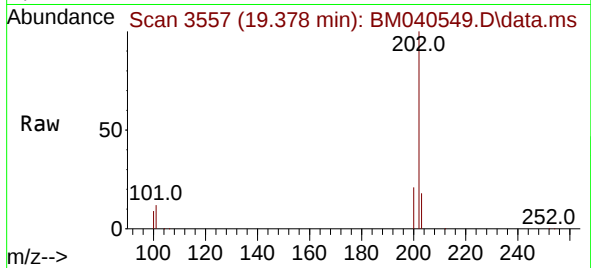
Tgt Ion:178 Resp: 240647
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.2 15.8 23.6





#19
Fluoranthene
Concen: 18.887 ng/ul
RT: 19.378 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

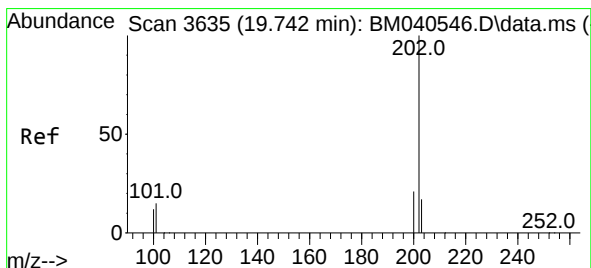
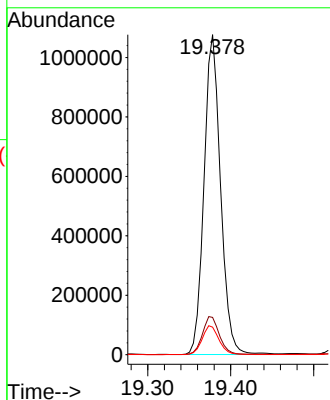
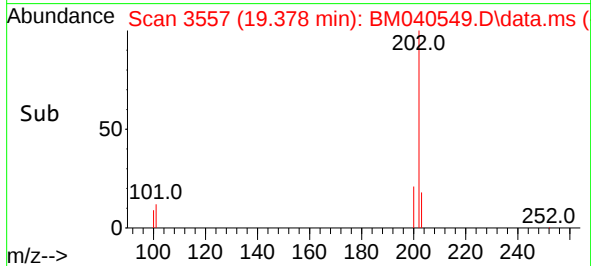
Instrument :
BNA_M
ClientSampleId :
DCGD5



Tgt Ion:202 Resp: 1492045
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.0
100 8.6 8.7 13.1

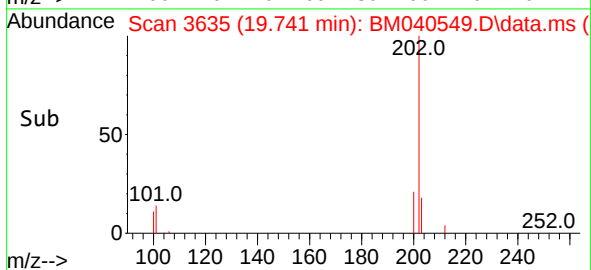
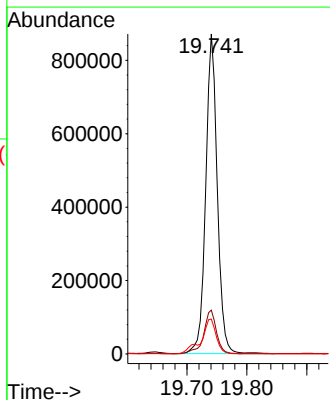
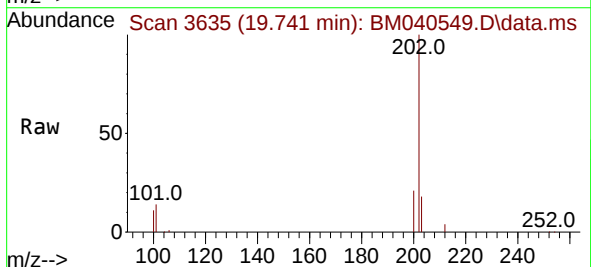
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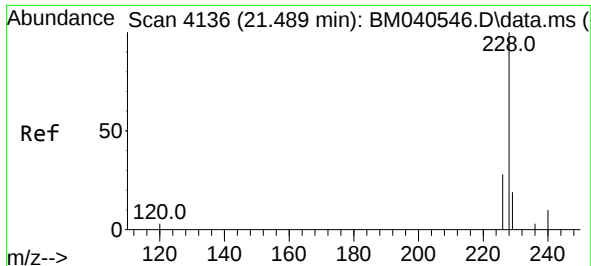
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 13.745 ng/ul
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

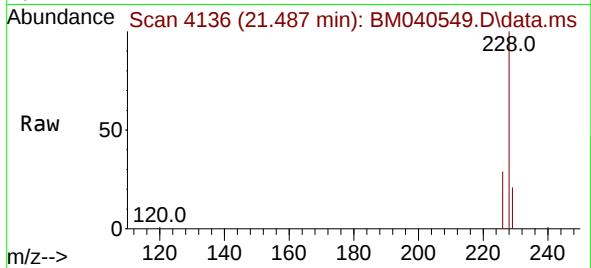
Tgt Ion:202 Resp: 1164137
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 8.647 ng/ul
RT: 21.487 min Scan# 4136
Delta R.T. -0.004 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

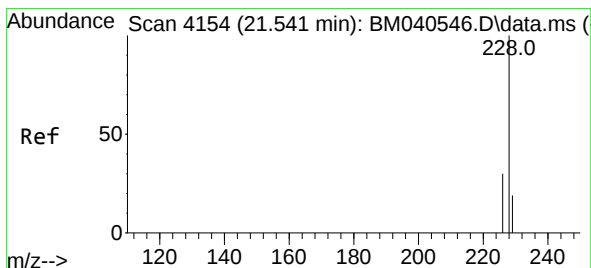
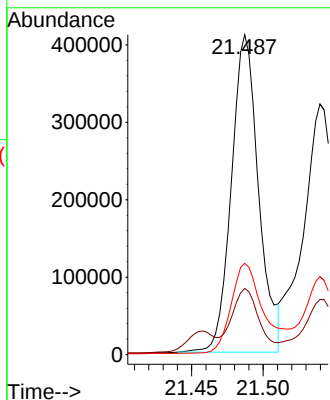
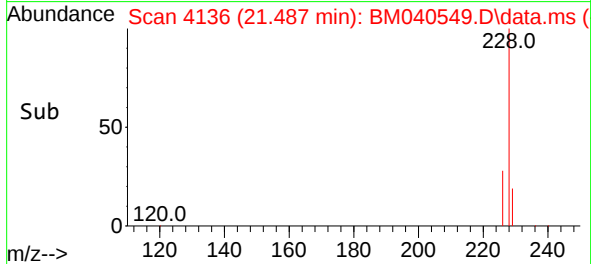
Instrument :
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DCGD5



Tgt Ion:228 Resp: 543954
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.6 22.3 33.5

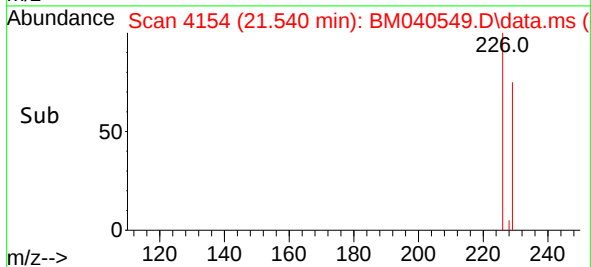
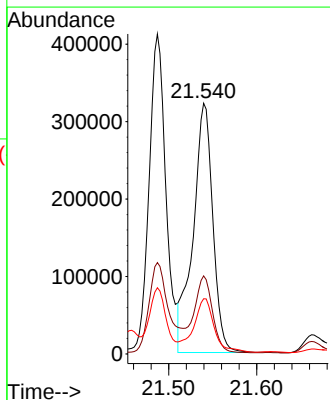
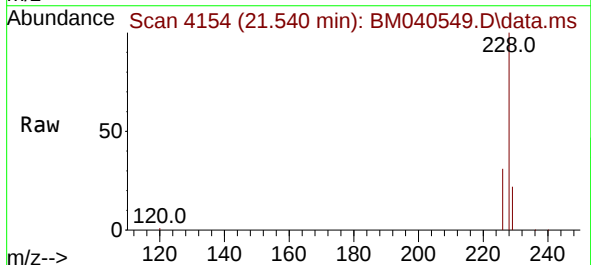
Manual Integrations
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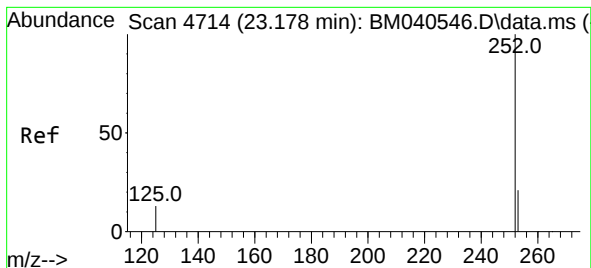
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 7.006 ng/ul
RT: 21.540 min Scan# 4154
Delta R.T. -0.004 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

Tgt Ion:228 Resp: 502722
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 22.0 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 9.910 ng/ul

RT: 23.179 min Scan# 4714

Delta R.T. -0.001 min

Lab File: BM040549.D

Acq: 02 Jul 2023 21:17

Instrument :

BNA_M

ClientSampleId :

DCGD5

Tgt Ion:252 Resp: 682439

Ion Ratio Lower Upper

252 100

253 23.2 0.0 52.8

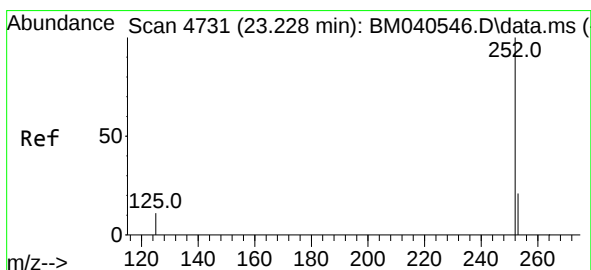
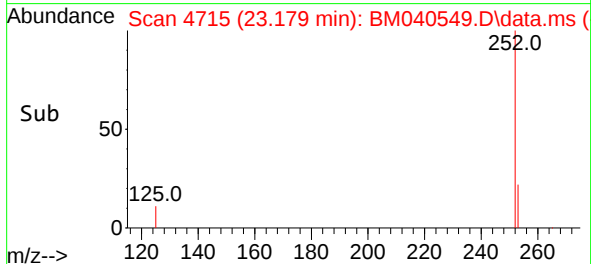
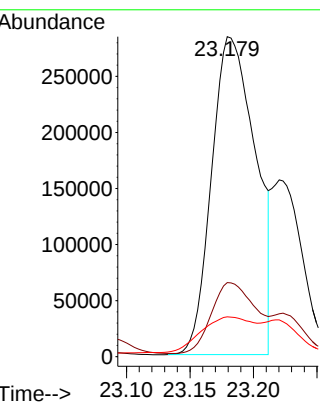
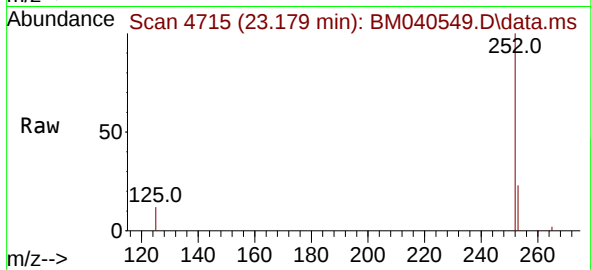
125 12.5 0.0 43.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#25

Benzo(k)fluoranthene

Concen: 3.869 ng/ul m

RT: 23.220 min Scan# 4729

Delta R.T. -0.007 min

Lab File: BM040549.D

Acq: 02 Jul 2023 21:17

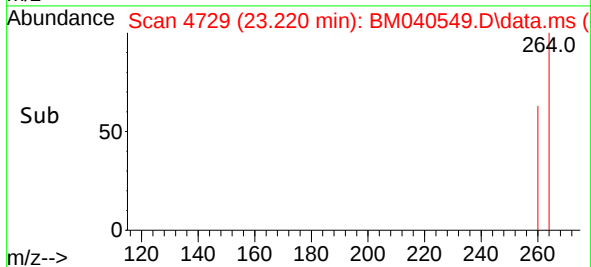
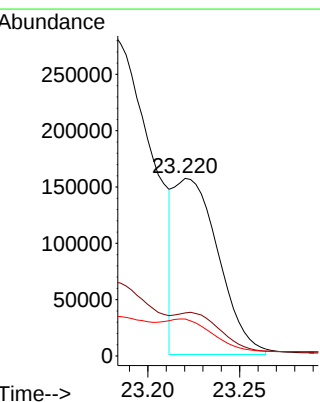
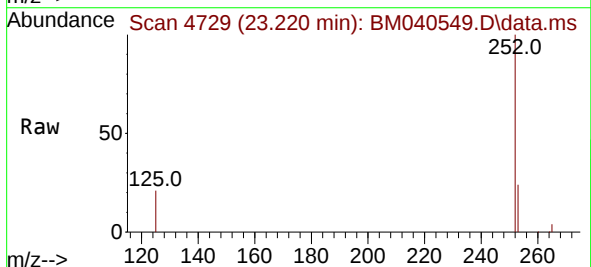
Tgt Ion:252 Resp: 262547

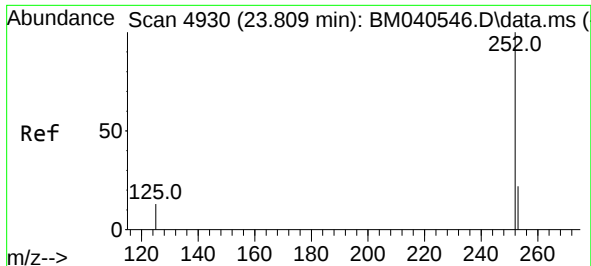
Ion Ratio Lower Upper

252 100

253 24.2 21.2 31.8

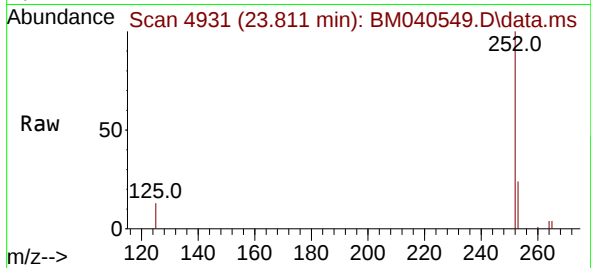
125 20.8 16.4 24.6





#26
Benzo(a)pyrene
Concen: 6.820 ng/ul
RT: 23.811 min Scan# 4931
Delta R.T. -0.001 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

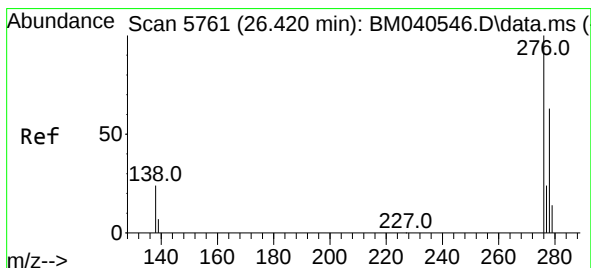
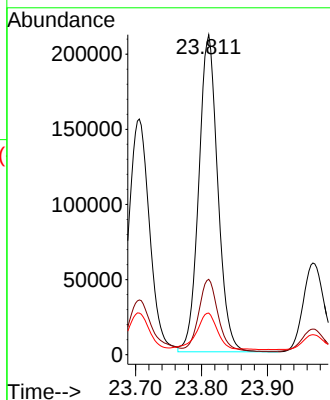
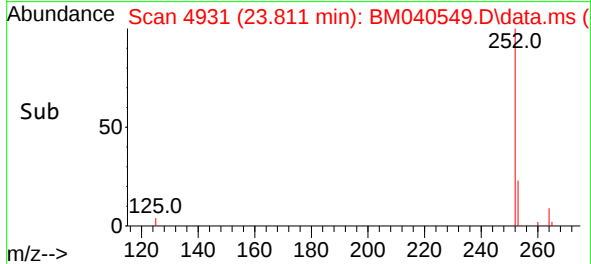
Instrument :
BNA_M
ClientSampleId :
DCGD5



Tgt Ion:252 Resp: 423023
Ion Ratio Lower Upper
252 100
253 23.6 22.9 34.3
125 13.0 21.0 31.4

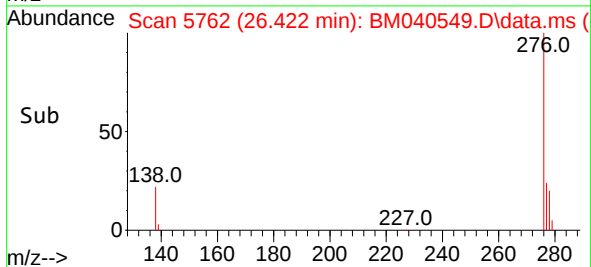
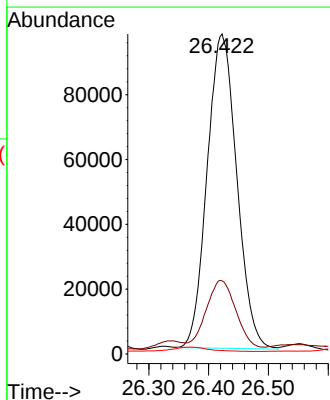
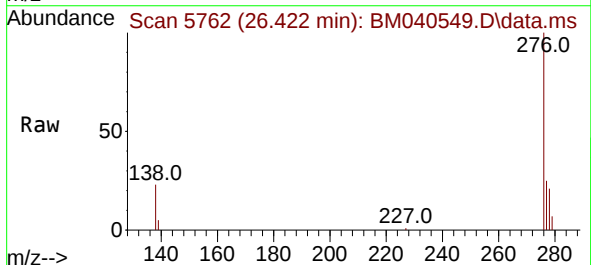
Manual Integrations
APPROVED

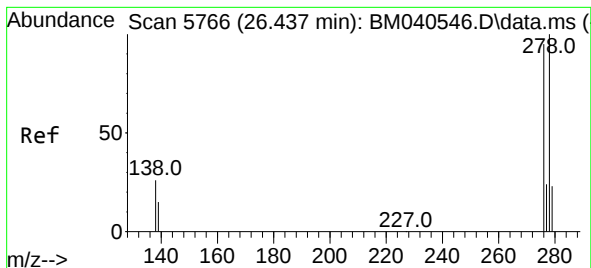
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.862 ng/ul
RT: 26.422 min Scan# 5762
Delta R.T. 0.002 min
Lab File: BM040549.D
Acq: 02 Jul 2023 21:17

Tgt Ion:276 Resp: 333613
Ion Ratio Lower Upper
276 100
138 21.1 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 1.136 ng/ul

RT: 26.429 min Scan# 51

Delta R.T. -0.008 min

Lab File: BM040549.D

Acq: 02 Jul 2023 21:17

Instrument :

BNA_M

ClientSampleId :

DCGD5

Tgt Ion:278 Resp: 7686

Ion Ratio Lower Upper

278 100

139 21.7 17.9 26.9

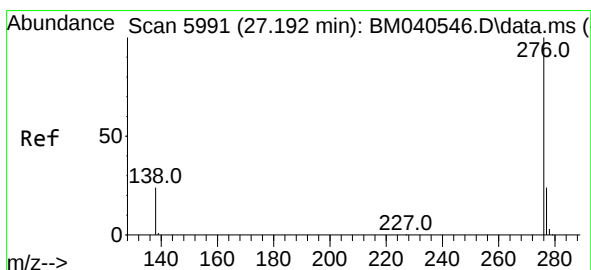
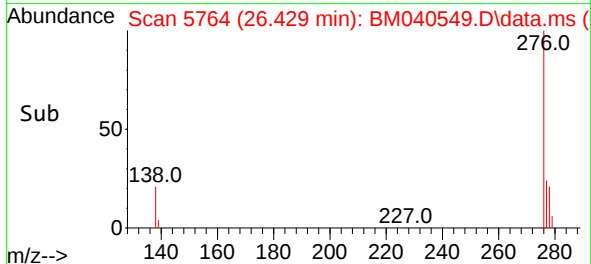
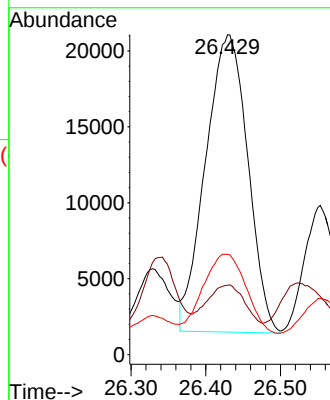
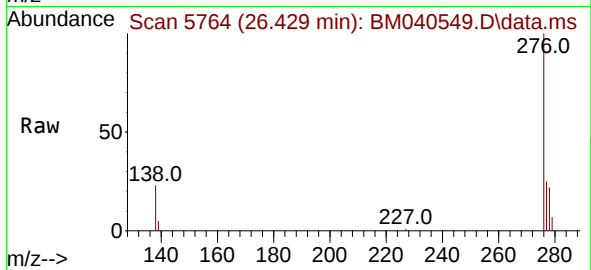
279 31.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#29

Benzo(g,h,i)perylene

Concen: 4.110 ng/ul

RT: 27.197 min Scan# 5993

Delta R.T. 0.012 min

Lab File: BM040549.D

Acq: 02 Jul 2023 21:17

Tgt Ion:276 Resp: 311216

Ion Ratio Lower Upper

276 100

138 24.0 23.0 34.6

277 24.4 20.3 30.5

