

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040543.D
 Acq On : 02 Jul 2023 16:55
 Operator : MA/JU
 Sample : 03243-12
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD2

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:23:25 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	8924	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	32588	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.571	164	16695	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	34147	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	20240	0.400	ng/ul	0.00
23) Perylene-d12	23.919	264	20702	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	33212	2.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	8206	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	15178	0.234	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.788	128	6241	0.069	ng/ul#	91
7) 2-Methylnaphthalene	12.399	142	4905	0.093	ng/ul	96
8) 1-Methylnaphthalene	12.619	142	3729	0.071	ng/ul	98
10) Acenaphthylene	14.294	152	24194	0.324	ng/ul	98
11) Acenaphthene	14.636	153	6348	0.101	ng/ul	99
12) Fluorene	15.621	166	6168	0.092	ng/ul#	95
15) Phenanthrene	17.360	178	128824	1.215	ng/ul	99
16) Anthracene	17.453	178	28333	0.318	ng/ul	99
19) Fluoranthene	19.378	202	375280	4.365	ng/ul	95
20) Pyrene	19.741	202	286719	3.111	ng/ul	98
21) Benzo(a)anthracene	21.487	228	171546	2.506	ng/ul	98
22) Chrysene	21.540	228	173469	2.221	ng/ul	98
24) Benzo(b)fluoranthene	23.182	252	251468	3.139	ng/ul	90
25) Benzo(k)fluoranthene	23.223	252	80107m	1.015	ng/ul	
26) Benzo(a)pyrene	23.811	252	159653	2.212	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.426	276	131512	1.308	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.429	278	34128	0.434	ng/ul#	88
29) Benzo(g,h,i)perylene	27.200	276	114494	1.300	ng/ul	98

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

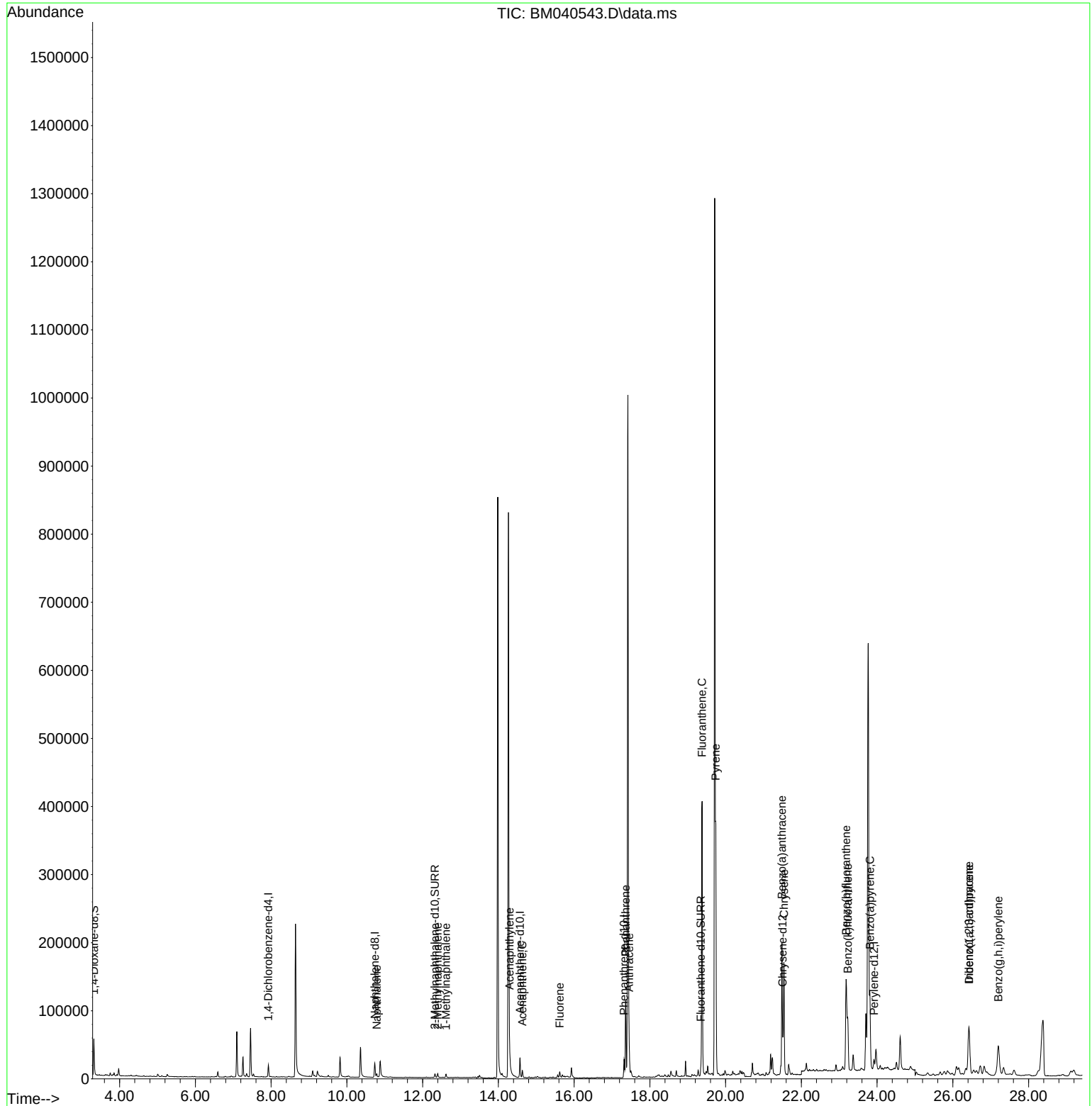
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040543.D
Acq On : 02 Jul 2023 16:55
Operator : MA/JU
Sample : 03243-12
Misc :
ALS Vial : 49 Sample Multiplier: 1

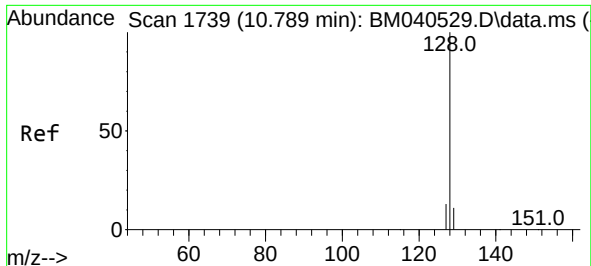
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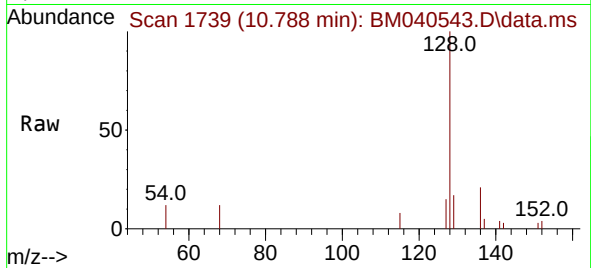
Quant Time: Jul 03 02:23:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.788 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

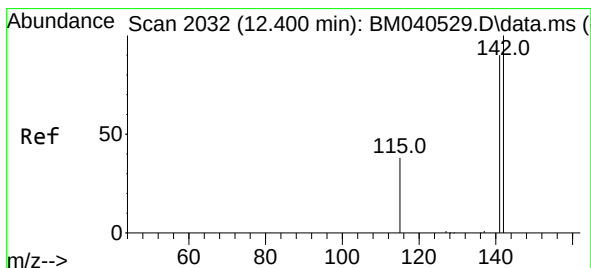
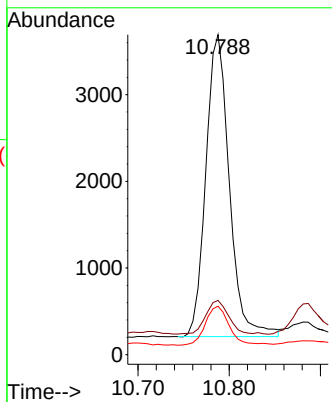
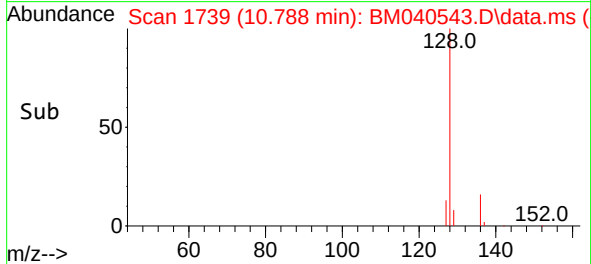
Instrument :
BNA_M
ClientSampleId :
DCGD2



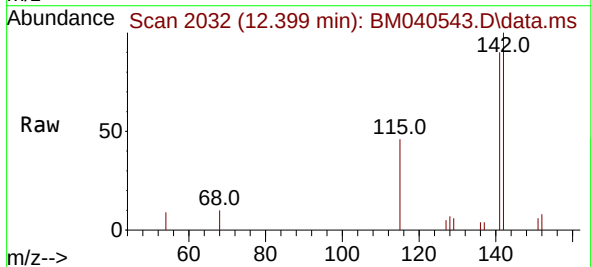
Tgt Ion:128 Resp: 624
Ion Ratio Lower Upper
128 100
129 16.9 9.2 13.8
127 15.2 10.6 15.8

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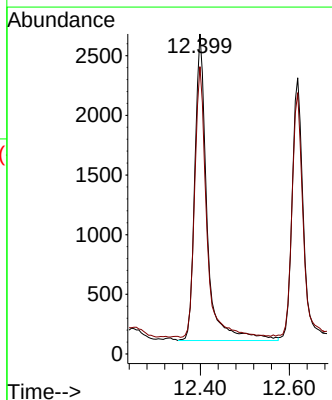
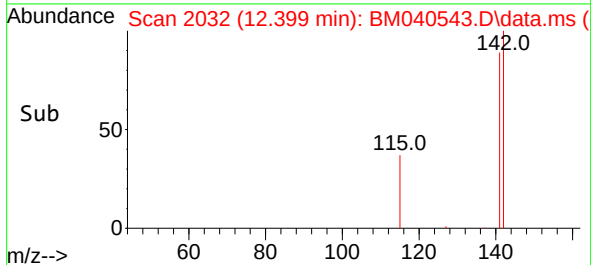
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

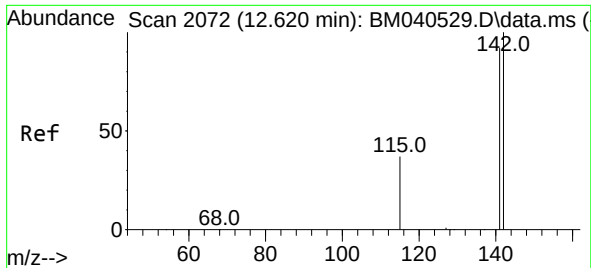


#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.399 min Scan# 2032
Delta R.T. -0.007 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55



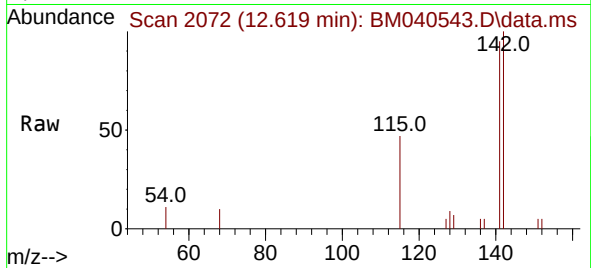
Tgt Ion:142 Resp: 4905
Ion Ratio Lower Upper
142 100
141 86.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.619 min Scan# 2072
Delta R.T. -0.007 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

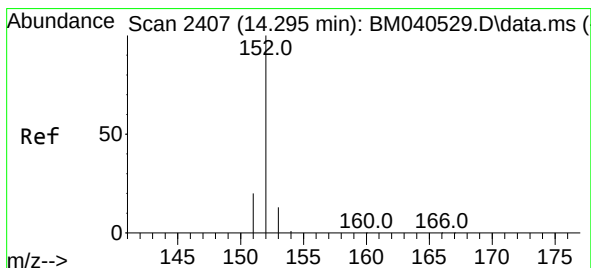
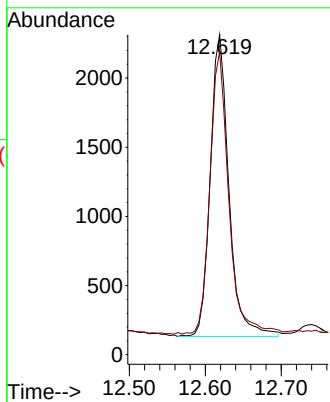
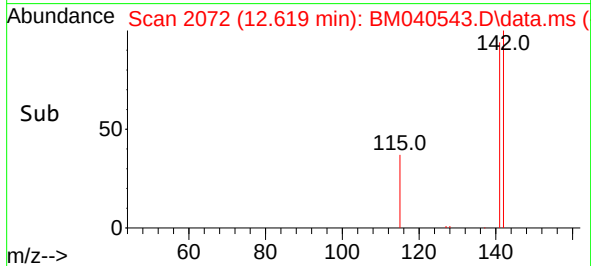
Instrument :
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Tgt Ion:142 Resp: 3729
Ion Ratio Lower Upper
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141 93.6 73.7 110.5

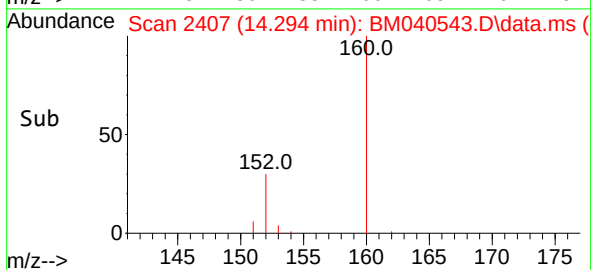
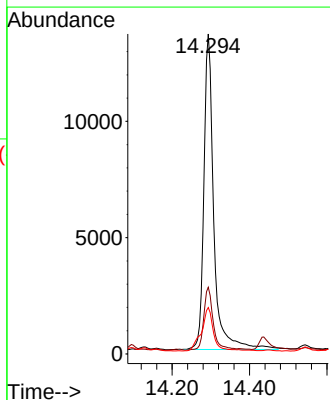
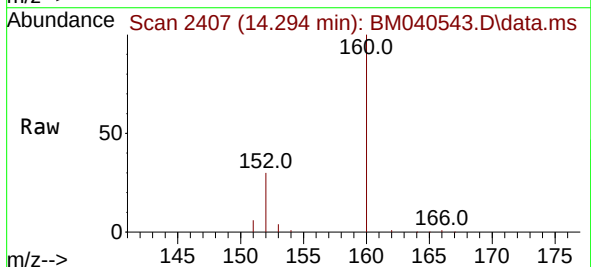
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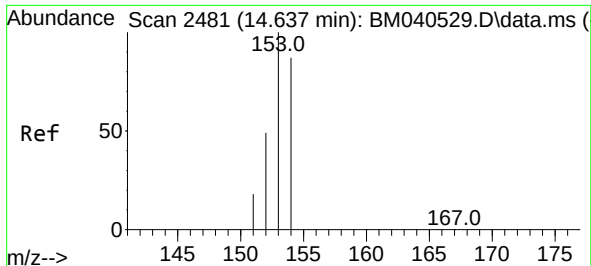
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.294 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

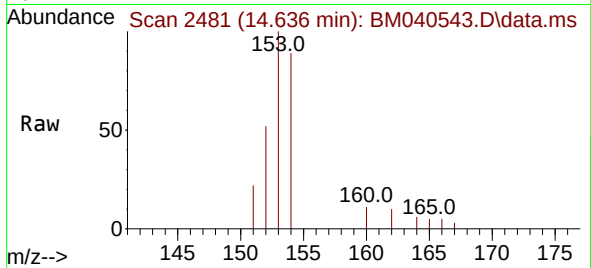
Tgt Ion:152 Resp: 24194
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 14.5 10.9 16.3





#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.636 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

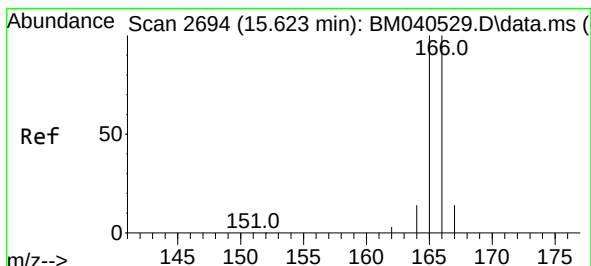
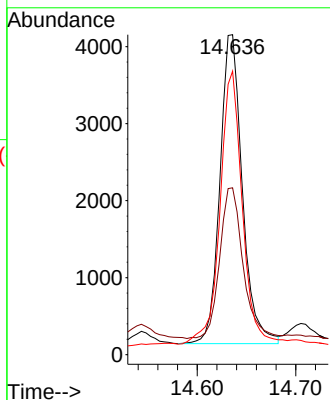
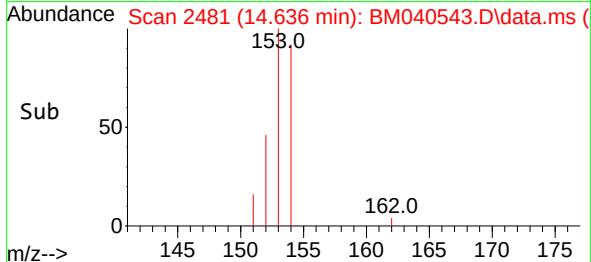
Instrument :
BNA_M
ClientSampleId :
DCGD2



Tgt Ion:153 Resp: 6348
Ion Ratio Lower Upper
153 100
152 52.2 41.0 61.4
154 88.6 70.8 106.2

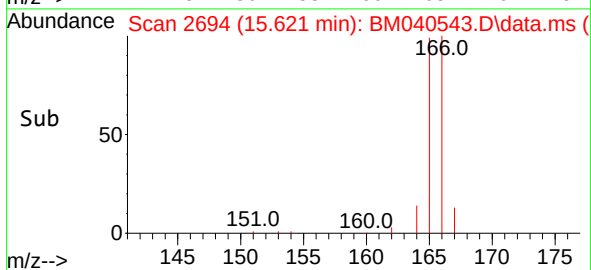
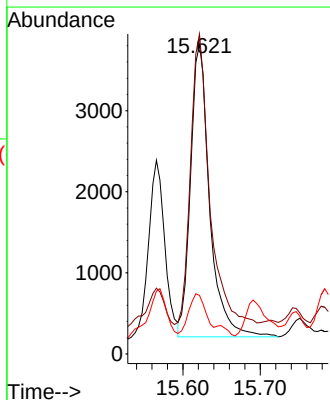
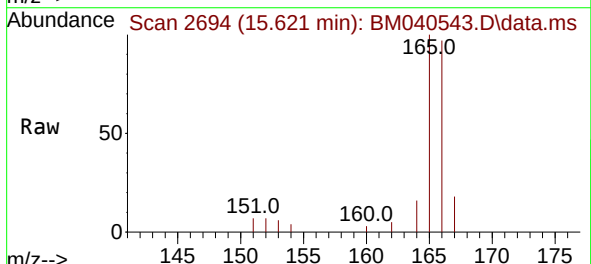
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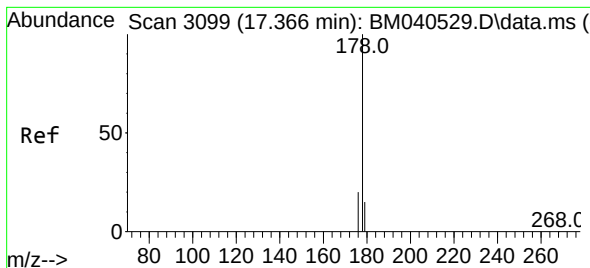
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.621 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

Tgt Ion:166 Resp: 6168
Ion Ratio Lower Upper
166 100
165 103.4 79.6 119.4
167 18.9 11.4 17.0#





#15

Phenanthrene

Concen: 1.215 ng/ul

RT: 17.360 min Scan# 3099

Delta R.T. -0.010 min

Lab File: BM040543.D

Acq: 02 Jul 2023 16:55

Instrument :

BNA_M

ClientSampleId :

DCGD2

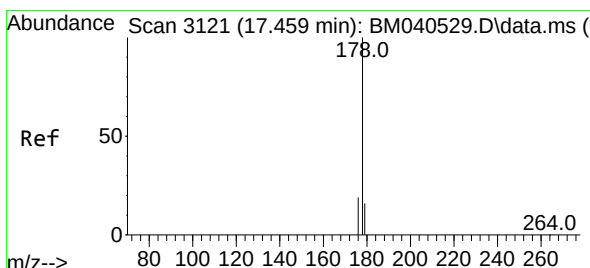
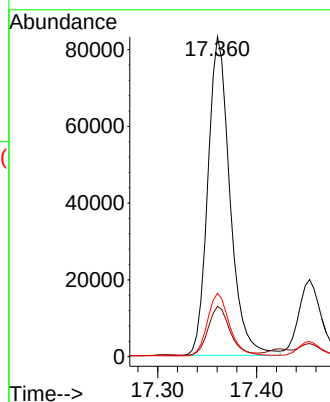
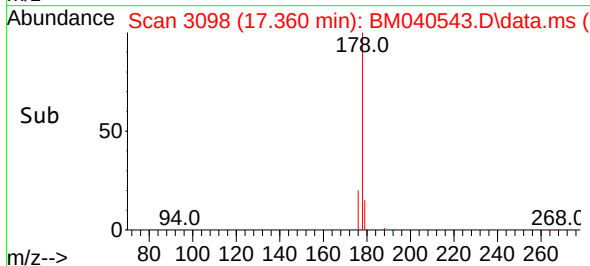
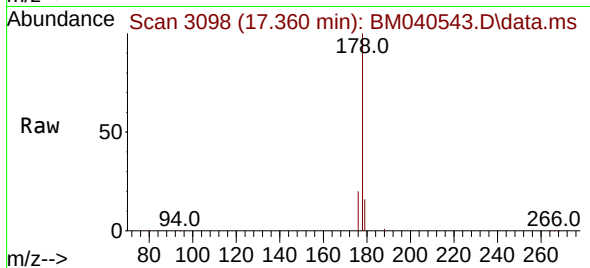
Tgt Ion:178 Resp: 128824
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.8 19.2
 176 19.8 16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#16

Anthracene

Concen: 0.318 ng/ul

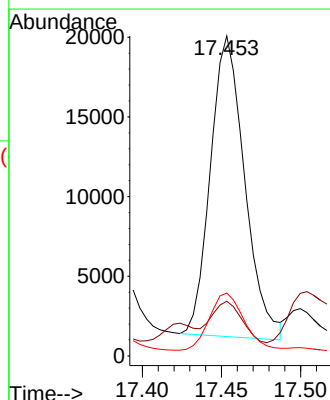
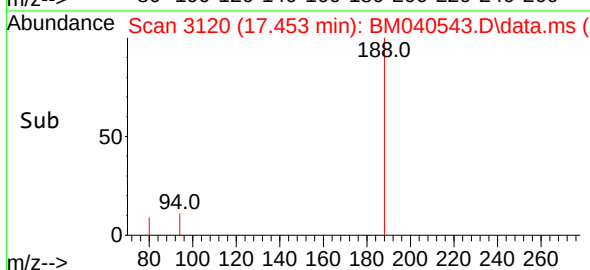
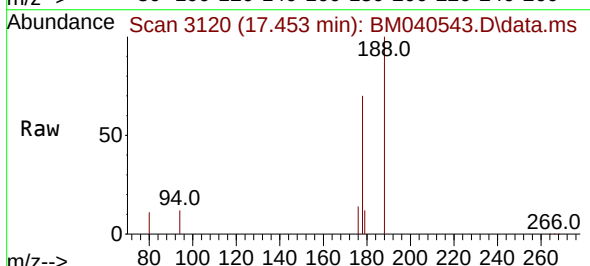
RT: 17.453 min Scan# 3120

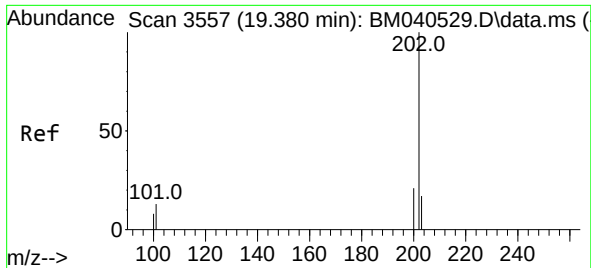
Delta R.T. -0.010 min

Lab File: BM040543.D

Acq: 02 Jul 2023 16:55

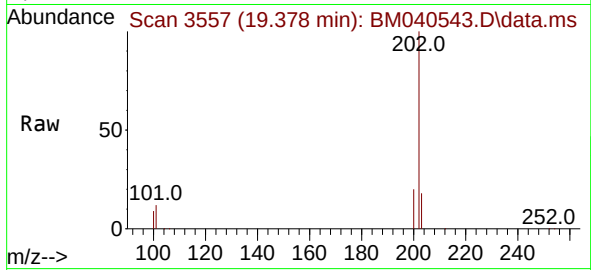
Tgt Ion:178 Resp: 28333
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.9 19.3
 176 19.7 15.8 23.6





#19
Fluoranthene
Concen: 4.365 ng/u1
RT: 19.378 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

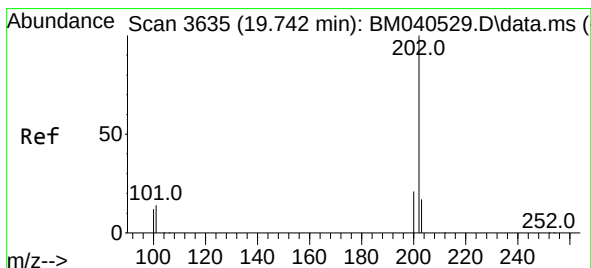
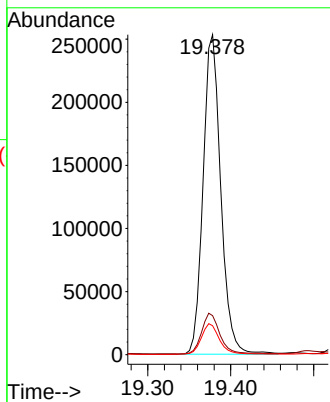
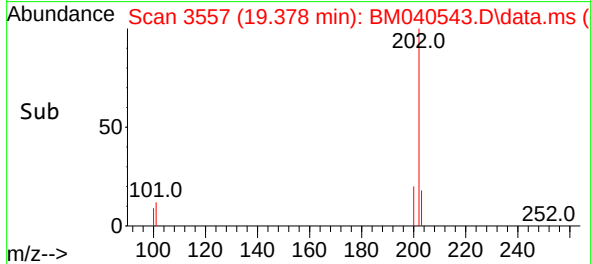
Instrument :
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ClientSampleId :
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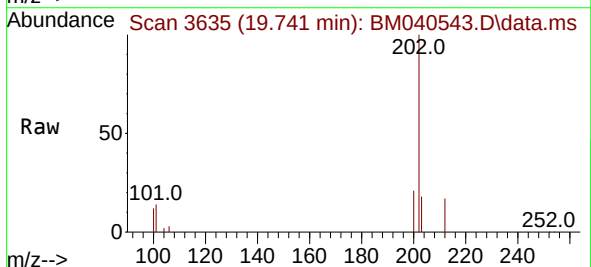
Tgt Ion:202 Resp: 375280
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.0 8.7 13.1

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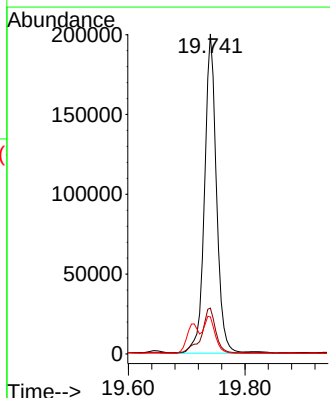
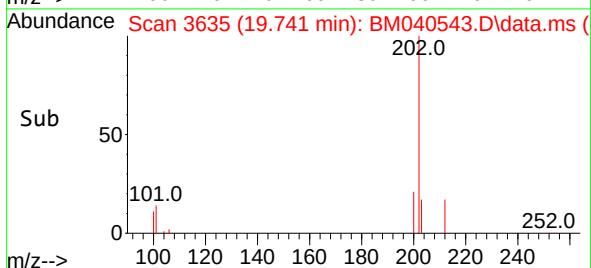
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

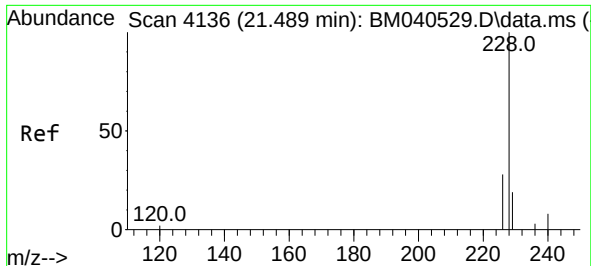


#20
Pyrene
Concen: 3.111 ng/u1
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55



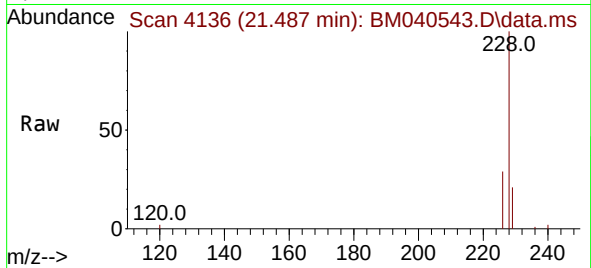
Tgt Ion:202 Resp: 286719
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.506 ng/u1
RT: 21.487 min Scan# 4136
Delta R.T. -0.004 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

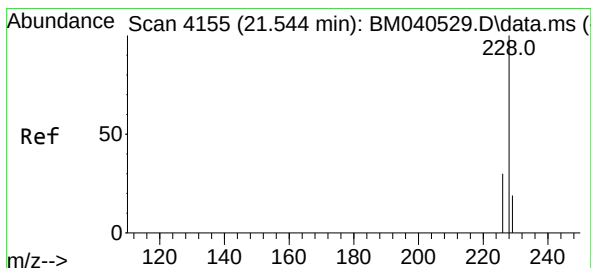
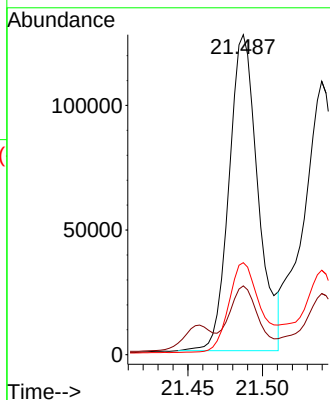
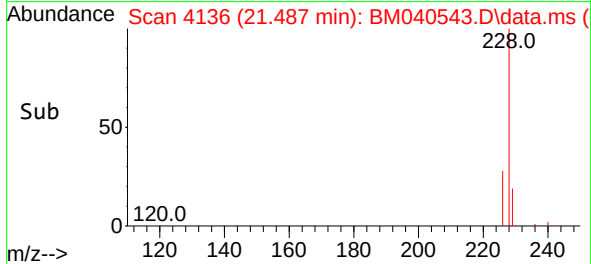
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Tgt Ion:228 Resp: 171540
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.7 22.3 33.5

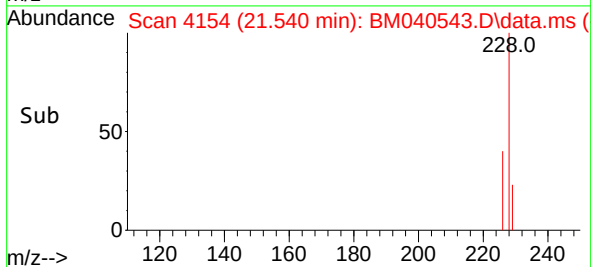
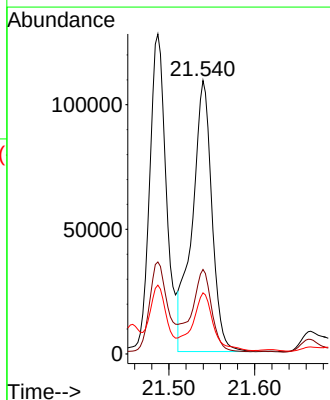
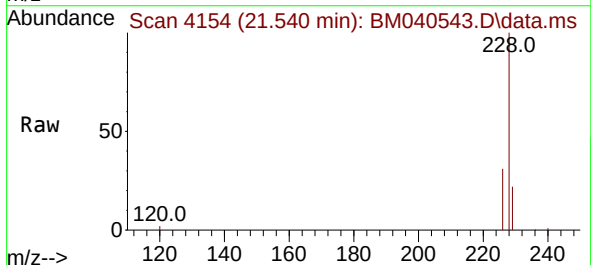
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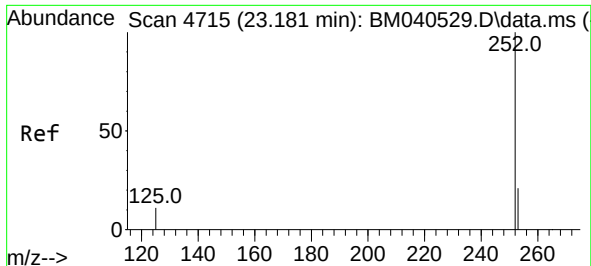
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 2.221 ng/u1
RT: 21.540 min Scan# 4154
Delta R.T. -0.004 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

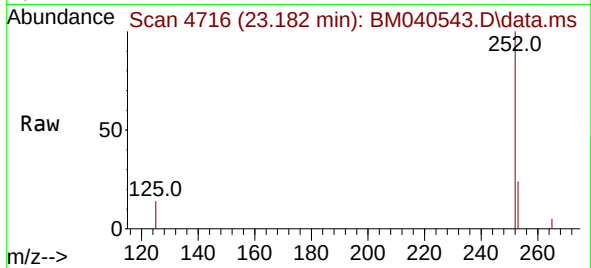
Tgt Ion:228 Resp: 173469
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.139 ng/ul
RT: 23.182 min Scan# 4715
Delta R.T. 0.002 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

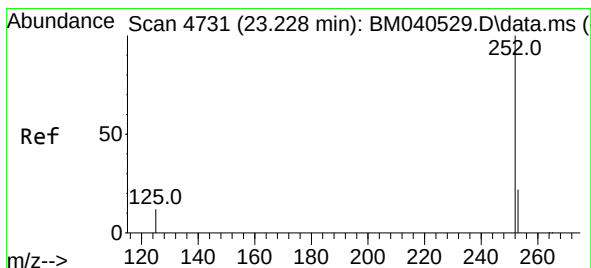
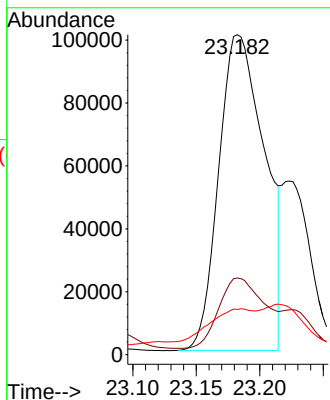
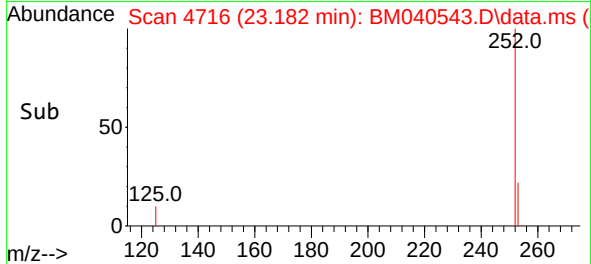
Instrument :
BNA_M
ClientSampleId :
DCGD2



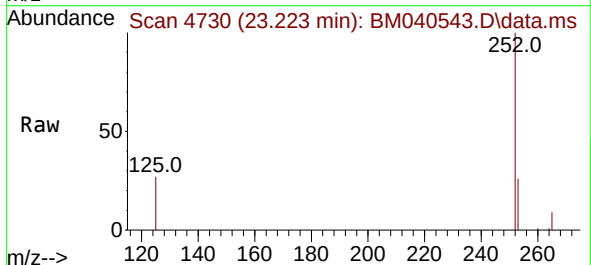
Tgt Ion:252 Resp: 251468
Ion Ratio Lower Upper
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125 14.2 0.0 43.0

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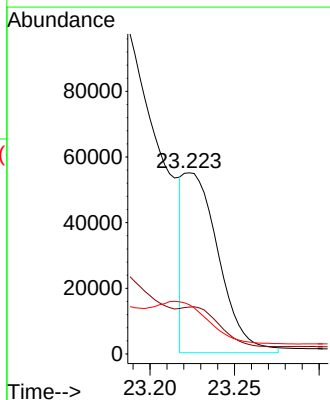
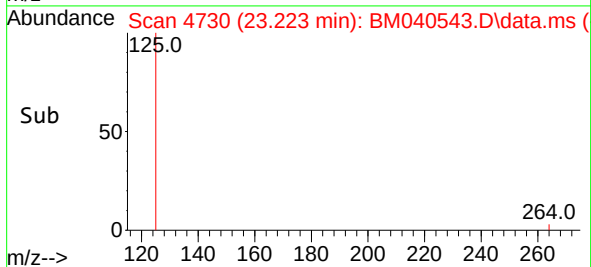
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

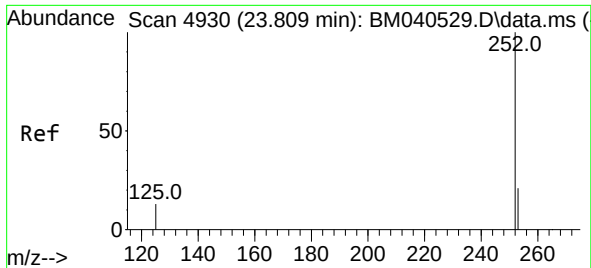


#25
Benzo(k)fluoranthene
Concen: 1.015 ng/ul m
RT: 23.223 min Scan# 4730
Delta R.T. -0.004 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55



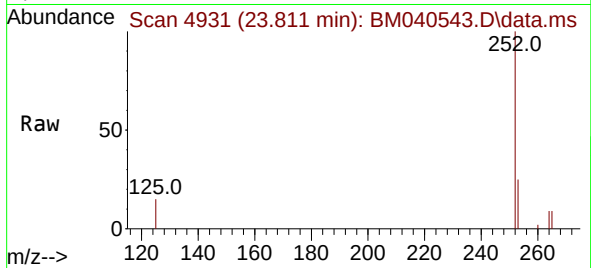
Tgt Ion:252 Resp: 80107
Ion Ratio Lower Upper
252 100
253 25.9 21.2 31.8
125 27.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.212 ng/ul
RT: 23.811 min Scan# 4931
Delta R.T. -0.001 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

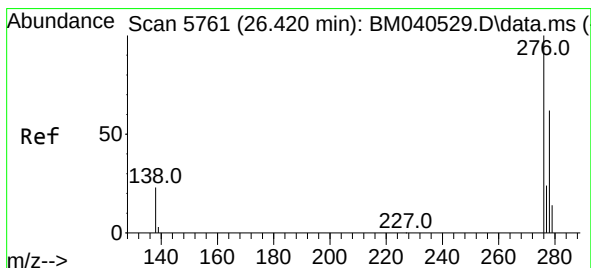
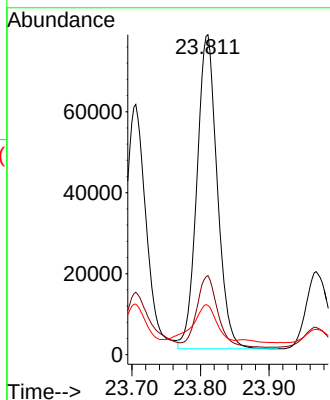
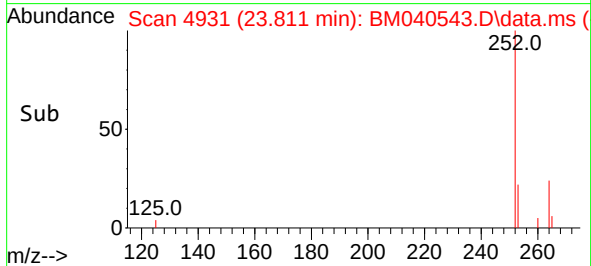
Instrument :
BNA_M
ClientSampleId :
DCGD2



Tgt Ion:252 Resp: 15965
Ion Ratio Lower Upper
252 100
253 24.7 22.9 34.3
125 15.4 21.0 31.4

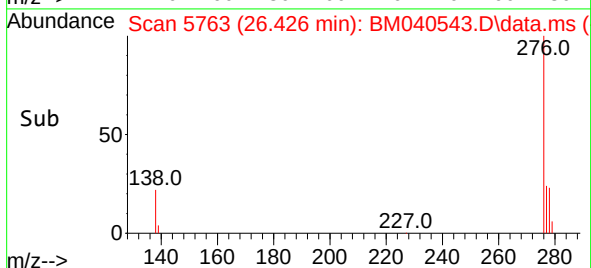
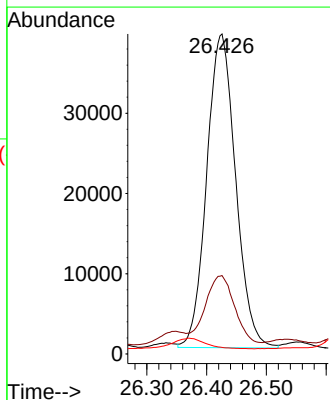
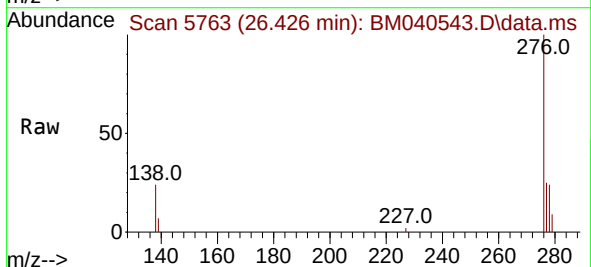
Manual Integrations
APPROVED

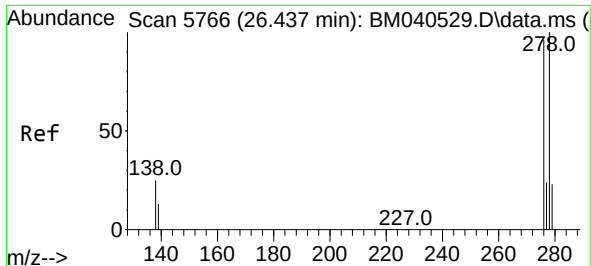
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.308 ng/ul
RT: 26.426 min Scan# 5763
Delta R.T. 0.005 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

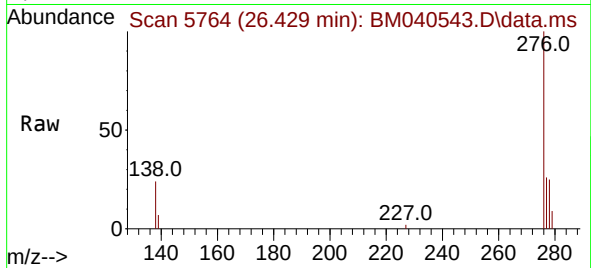
Tgt Ion:276 Resp: 131512
Ion Ratio Lower Upper
276 100
138 21.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 26.429 min Scan# 5766
Delta R.T. -0.008 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55

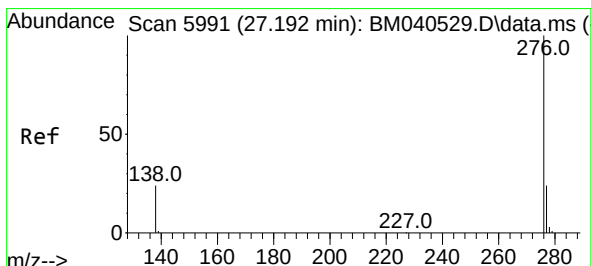
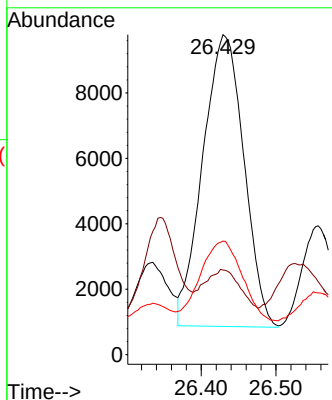
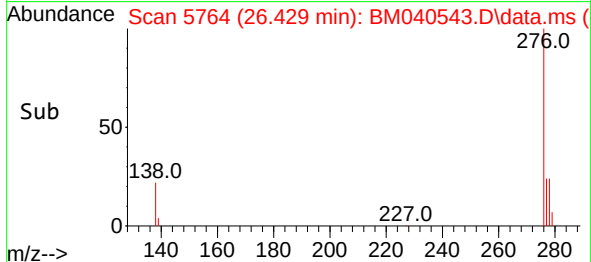
Instrument :
BNA_M
ClientSampleId :
DCGD2



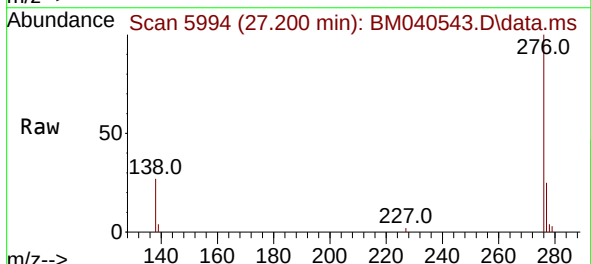
Tgt Ion:278 Resp: 34128
Ion Ratio Lower Upper
278 100
139 26.4 17.9 26.9
279 35.5 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.300 ng/ul
RT: 27.200 min Scan# 5994
Delta R.T. 0.016 min
Lab File: BM040543.D
Acq: 02 Jul 2023 16:55



Tgt Ion:276 Resp: 114494
Ion Ratio Lower Upper
276 100
138 27.2 23.0 34.6
277 25.1 20.3 30.5

