

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040517.D
 Acq On : 02 Jul 2023 00:11
 Operator : MA/JU
 Sample : 03242-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 05:16:29 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	7.932	152	7765	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	27780	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	15554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	31661	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	18993	0.400	ng/ul	0.00
23) Perylene-d12	23.919	264	18468	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	44035	3.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	10378	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	20427	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.788	128	14974	0.195	ng/ul#	96
7) 2-Methylnaphthalene	12.404	142	9169	0.204	ng/ul	97
8) 1-Methylnaphthalene	12.619	142	6660	0.148	ng/ul	100
10) Acenaphthylene	14.298	152	4969	0.072	ng/ul#	85
11) Acenaphthene	14.636	153	3881	0.066	ng/ul	97
12) Fluorene	15.621	166	3352	0.054	ng/ul#	93
15) Phenanthrene	17.360	178	93444	0.950	ng/ul	99
16) Anthracene	17.453	178	11735	0.142	ng/ul	95
19) Fluoranthene	19.378	202	205492	2.547	ng/ul	96
20) Pyrene	19.741	202	163297m	1.888	ng/ul	
21) Benzo(a)anthracene	21.484	228	125225	1.949	ng/ul	98
22) Chrysene	21.540	228	168063	2.293	ng/ul	97
24) Benzo(b)fluoranthene	23.179	252	338241	4.733	ng/ul	91
25) Benzo(k)fluoranthene	23.223	252	97743m	1.388	ng/ul	
26) Benzo(a)pyrene	23.808	252	200531	3.115	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.419	276	198722	2.216	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.429	278	49470	0.705	ng/ul	96
29) Benzo(g,h,i)perylene	27.200	276	193850	2.467	ng/ul	95

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

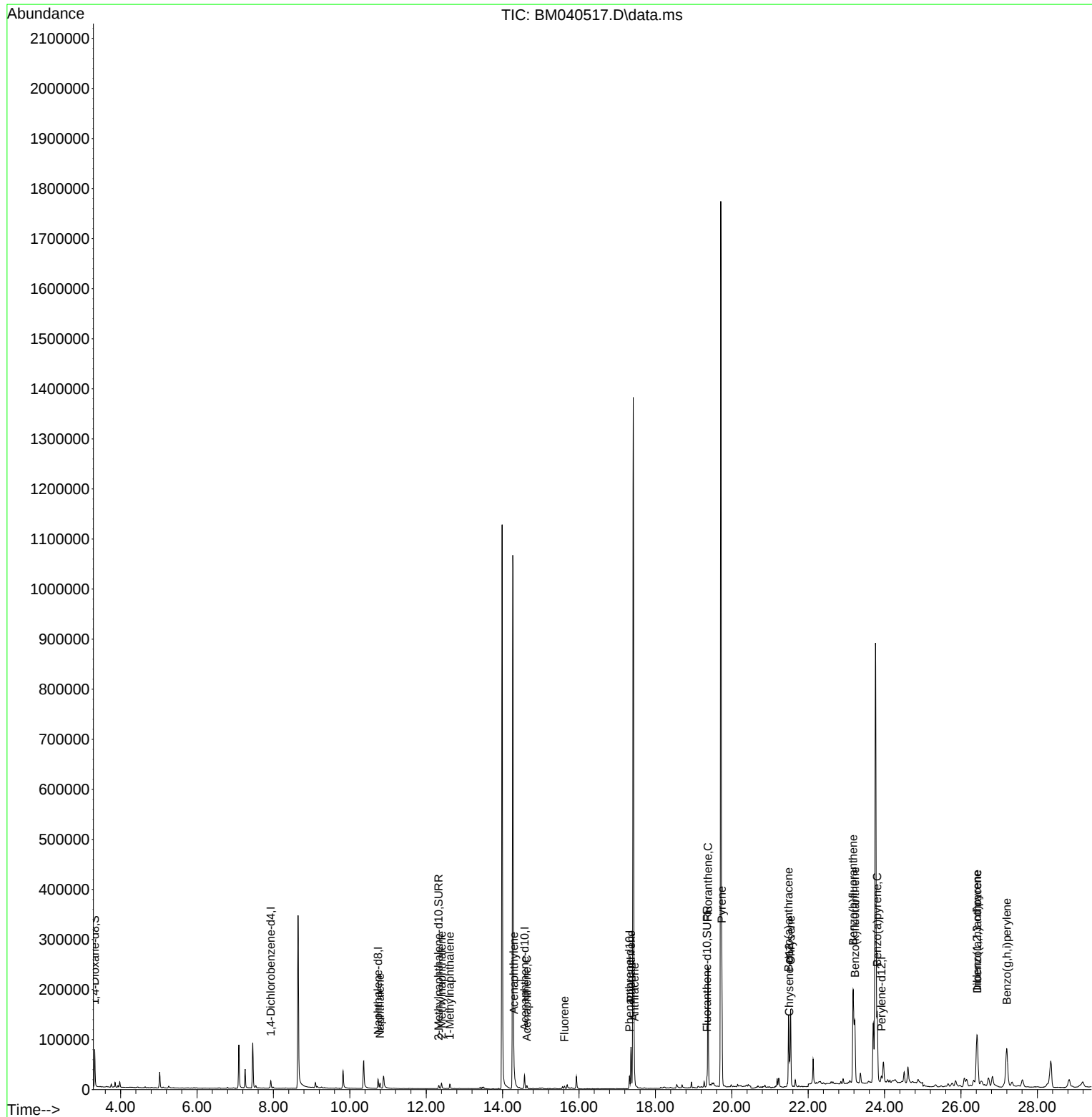
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
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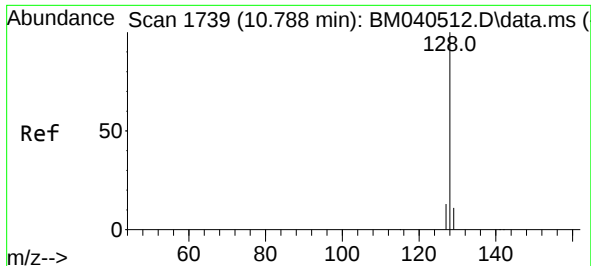
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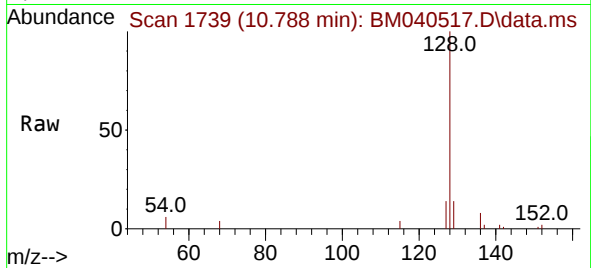
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.195 ng/ul
RT: 10.788 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

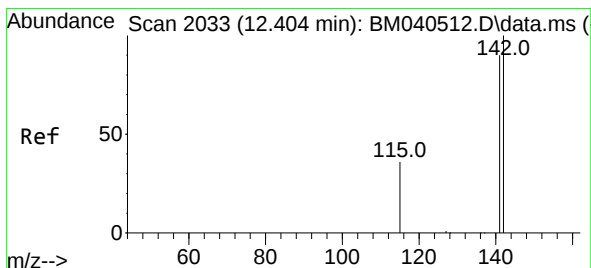
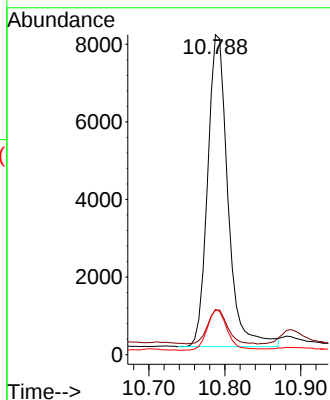
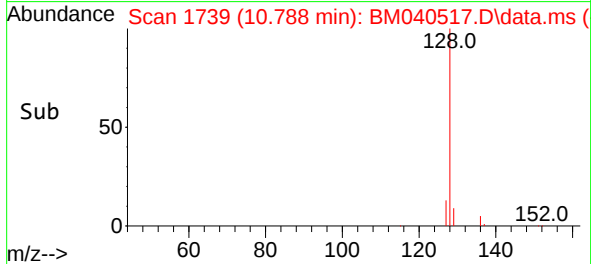
Instrument :
BNA_M
ClientSampleId :
DCGA1



Tgt Ion:128 Resp: 14974
Ion Ratio Lower Upper
128 100
129 14.0 9.2 13.8
127 14.1 10.6 15.8

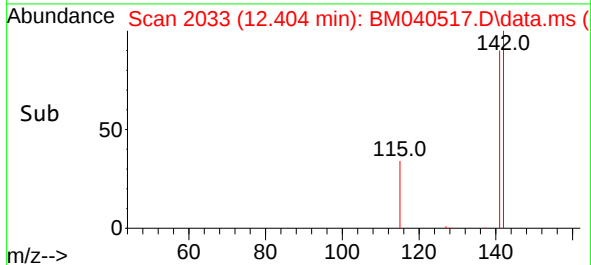
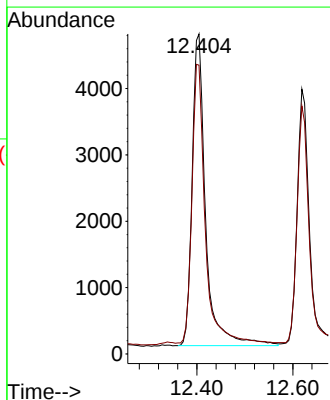
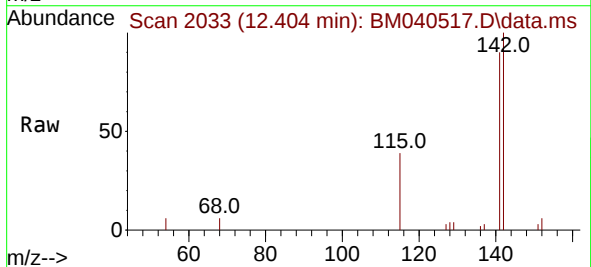
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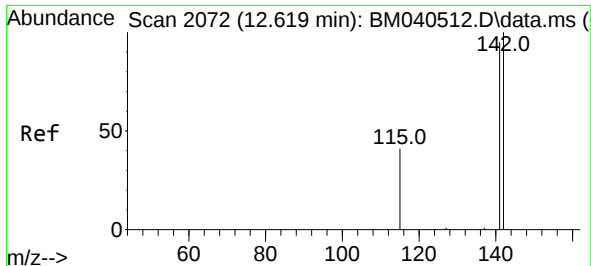
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.204 ng/ul
RT: 12.404 min Scan# 2033
Delta R.T. -0.001 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

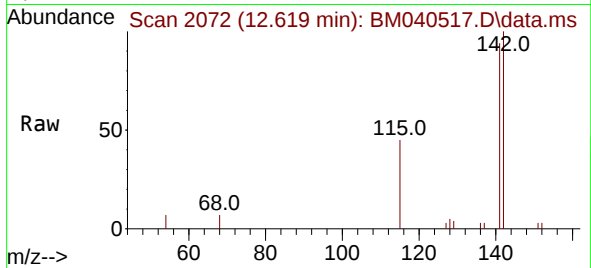
Tgt Ion:142 Resp: 9169
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.619 min Scan# 2072
Delta R.T. -0.007 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

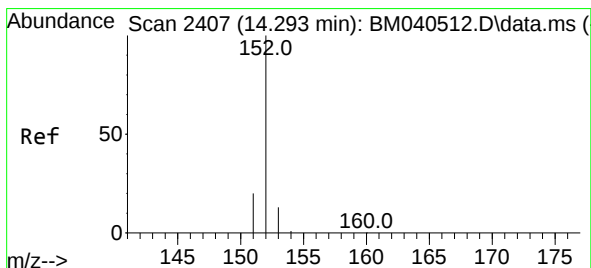
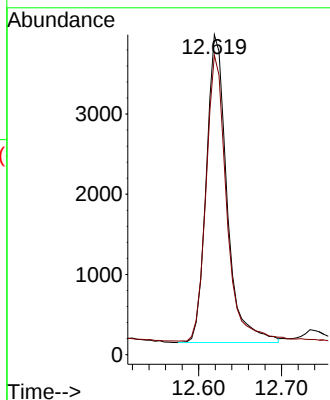
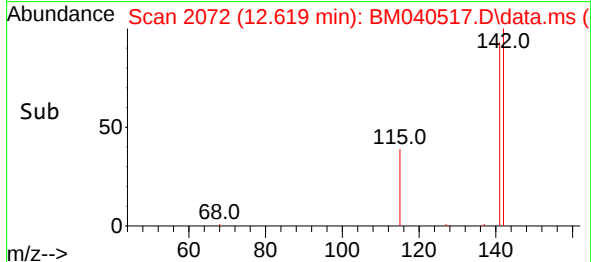
Instrument :
BNA_M
ClientSampleId :
DCGA1



Tgt Ion:142 Resp: 6660
Ion Ratio Lower Upper
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141 92.1 73.7 110.5

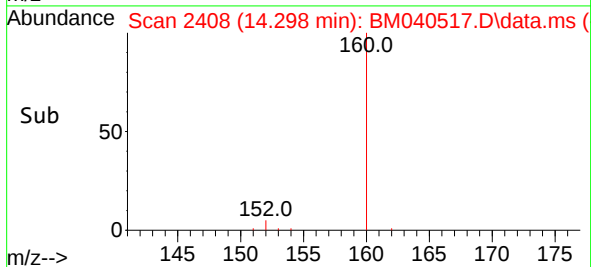
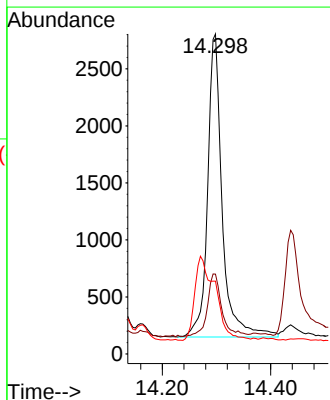
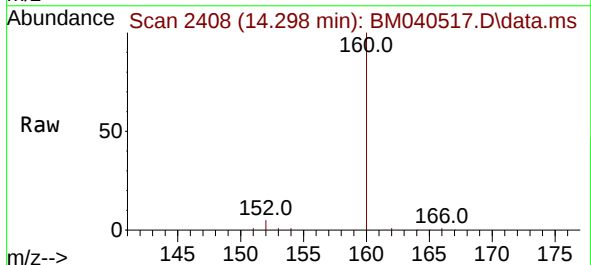
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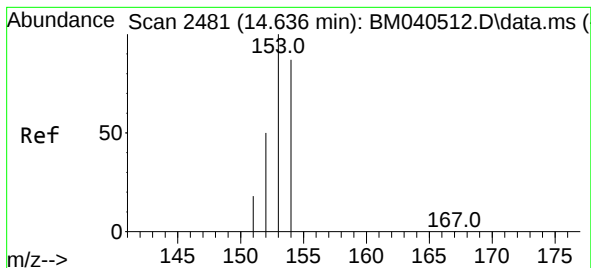
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 14.298 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

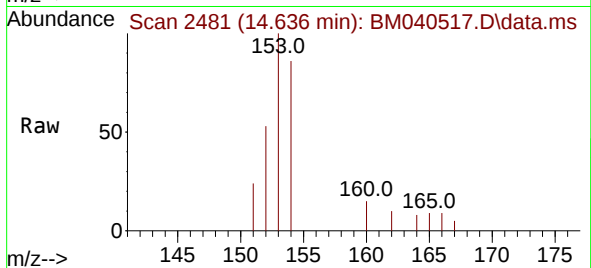
Tgt Ion:152 Resp: 4969
Ion Ratio Lower Upper
152 100
151 24.9 16.2 24.2#
153 22.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.066 ng/u1
RT: 14.636 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

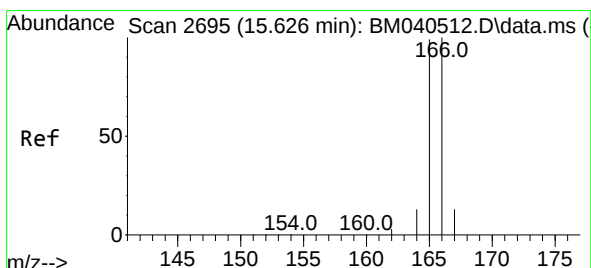
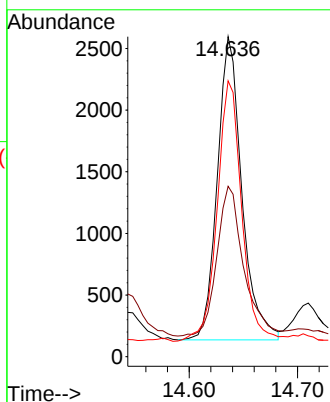
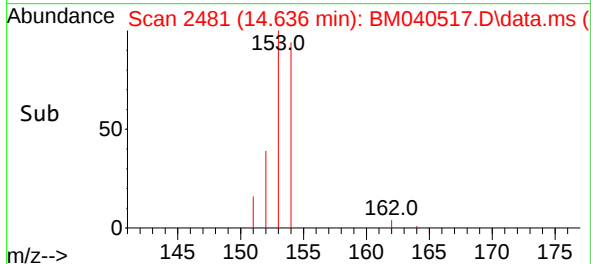
Instrument :
BNA_M
ClientSampleId :
DCGA1



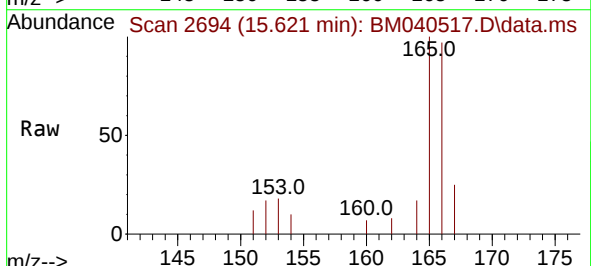
Tgt Ion:153 Resp: 388
Ion Ratio Lower Upper
153 100
152 53.2 41.0 61.4
154 86.2 70.8 106.2

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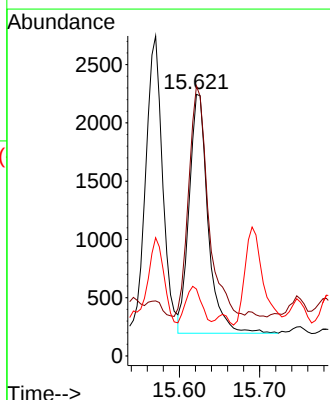
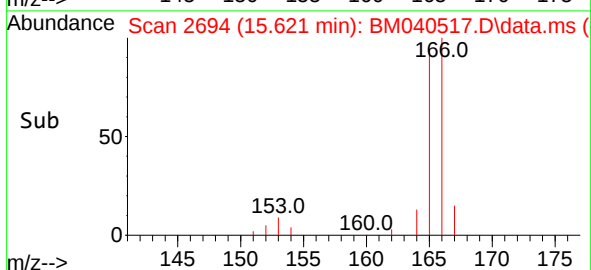
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

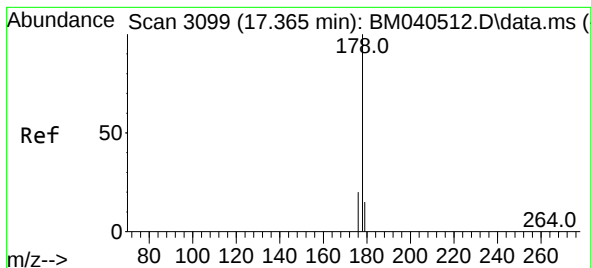


#12
Fluorene
Concen: 0.054 ng/u1
RT: 15.621 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11



Tgt Ion:166 Resp: 3352
Ion Ratio Lower Upper
166 100
165 103.2 79.6 119.4
167 25.6 11.4 17.0#





#15

Phenanthrene

Concen: 0.950 ng/ul

RT: 17.360 min Scan# 3099

Delta R.T. -0.010 min

Lab File: BM040517.D

Acq: 02 Jul 2023 00:11

Instrument :

BNA_M

ClientSampleId :

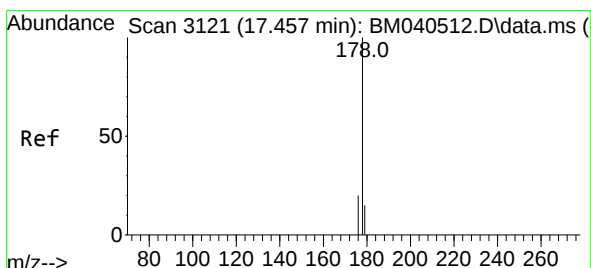
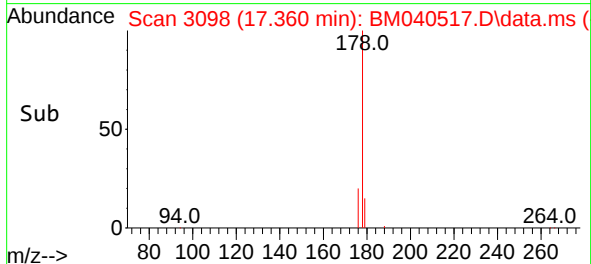
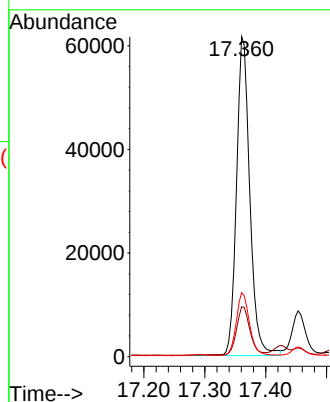
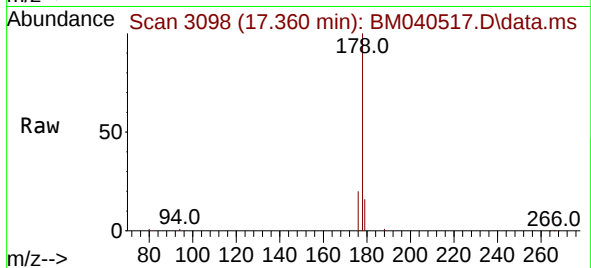
DCGA1

Tgt Ion:	178	Resp:	9344
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	20.0	16.4	24.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#16

Anthracene

Concen: 0.142 ng/ul

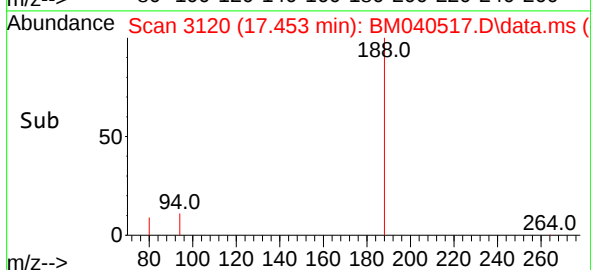
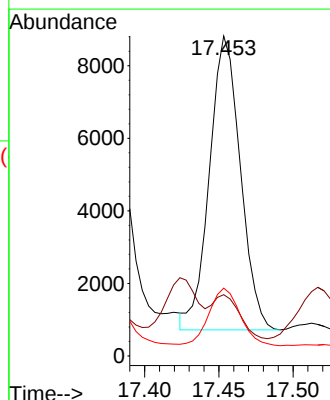
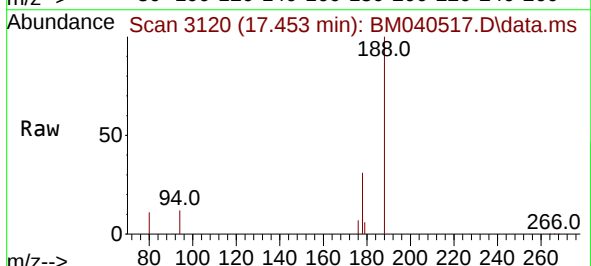
RT: 17.453 min Scan# 3120

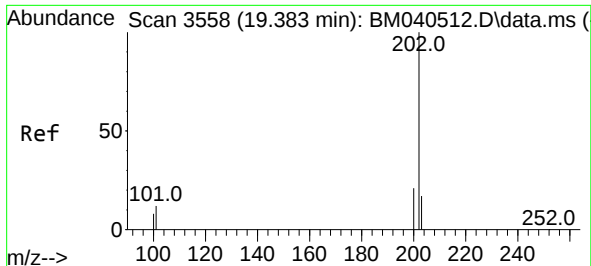
Delta R.T. -0.010 min

Lab File: BM040517.D

Acq: 02 Jul 2023 00:11

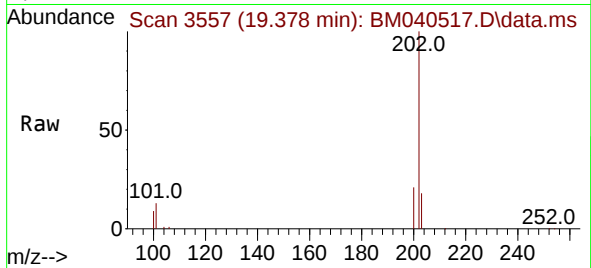
Tgt Ion:	178	Resp:	11735
Ion Ratio	Lower	Upper	
178	100		
179	19.1	12.9	19.3
176	21.2	15.8	23.6





#19
Fluoranthene
Concen: 2.547 ng/ul
RT: 19.378 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

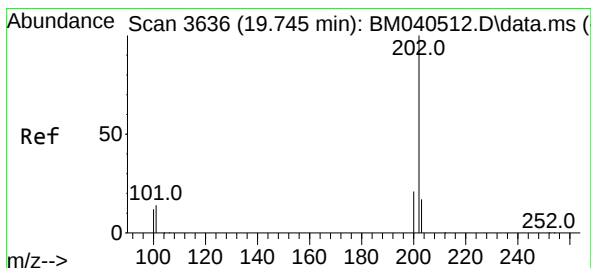
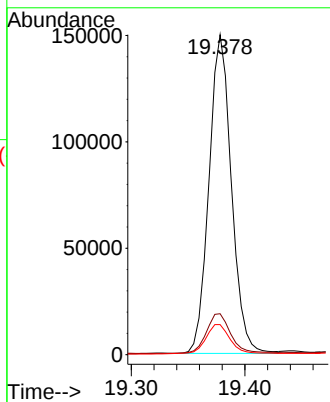
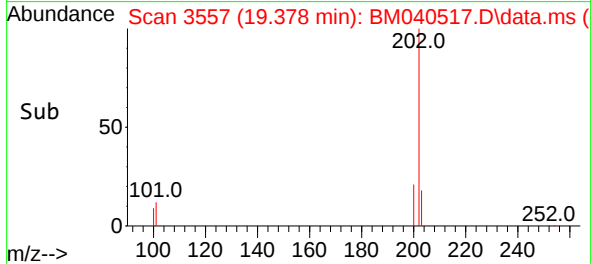
Instrument :
BNA_M
ClientSampleId :
DCGA1



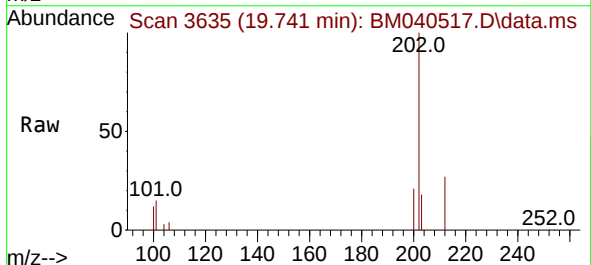
Tgt Ion:202 Resp: 205492
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.4 8.7 13.1

Manual Integrations
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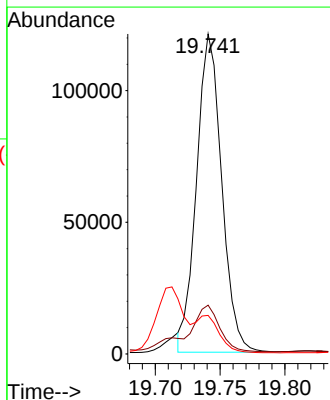
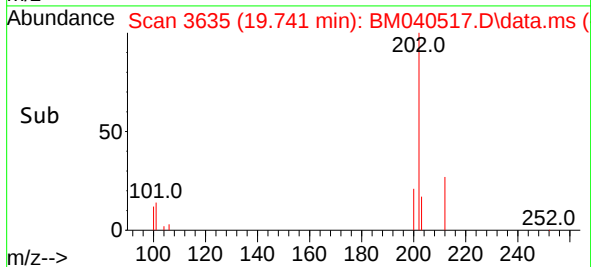
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

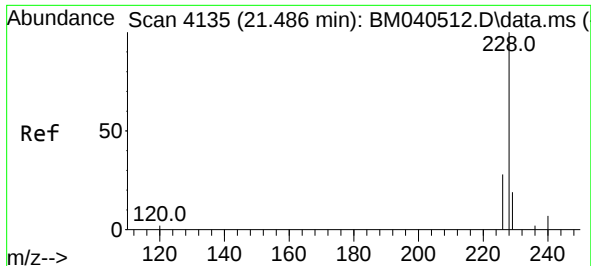


#20
Pyrene
Concen: 1.888 ng/ul m
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11



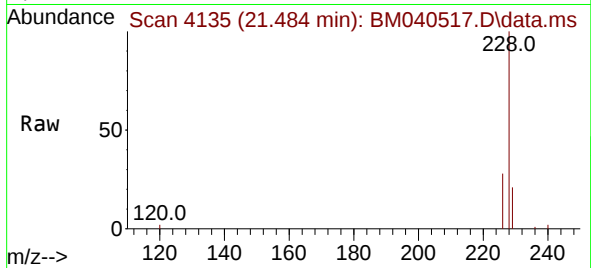
Tgt Ion:202 Resp: 163297
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.949 ng/ul
RT: 21.484 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

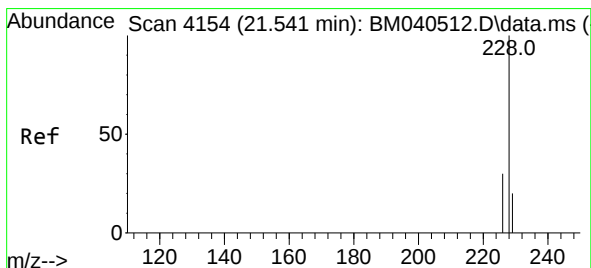
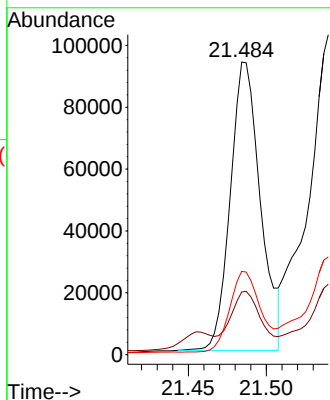
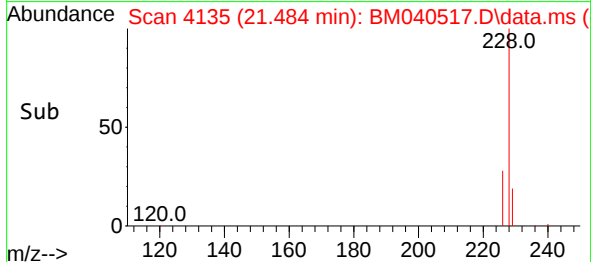
Instrument :
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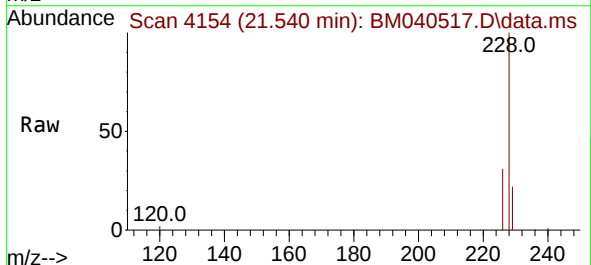
Tgt Ion:228 Resp: 125225
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 28.5 22.3 33.5

Manual Integrations
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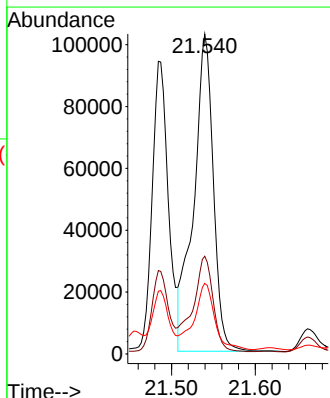
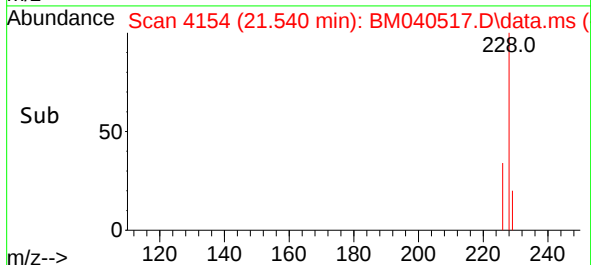
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

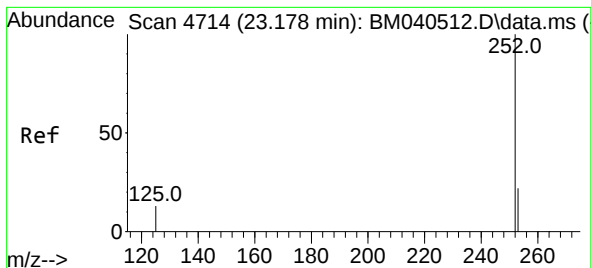


#22
Chrysene
Concen: 2.293 ng/ul
RT: 21.540 min Scan# 4154
Delta R.T. -0.004 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11



Tgt Ion:228 Resp: 168063
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 22.1 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 4.733 ng/ul

RT: 23.179 min Scan# 4714

Delta R.T. -0.001 min

Lab File: BM040517.D

Acq: 02 Jul 2023 00:11

Instrument :

BNA_M

ClientSampleId :

DCGA1

Tgt Ion:252 Resp: 33824

Ion Ratio Lower Upper

252 100

253 23.8 0.0 52.8

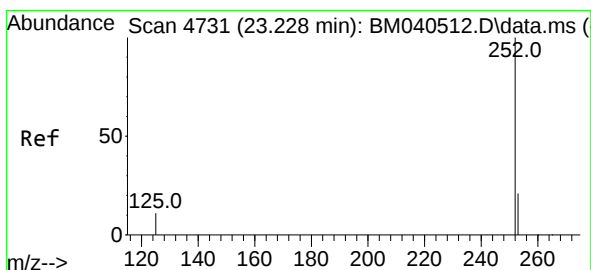
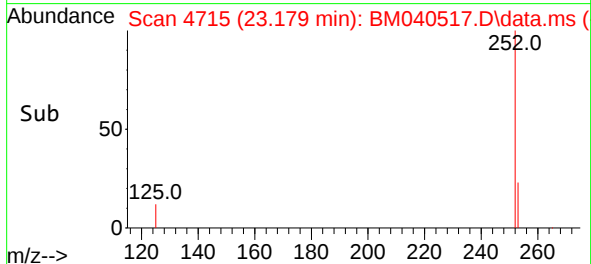
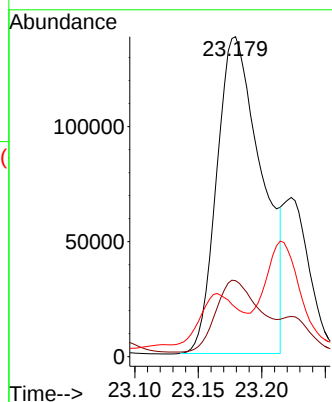
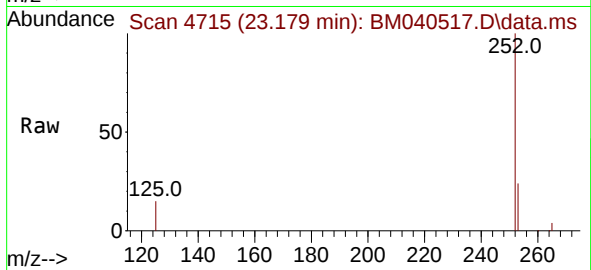
125 15.4 0.0 43.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#25

Benzo(k)fluoranthene

Concen: 1.388 ng/ul m

RT: 23.223 min Scan# 4730

Delta R.T. -0.004 min

Lab File: BM040517.D

Acq: 02 Jul 2023 00:11

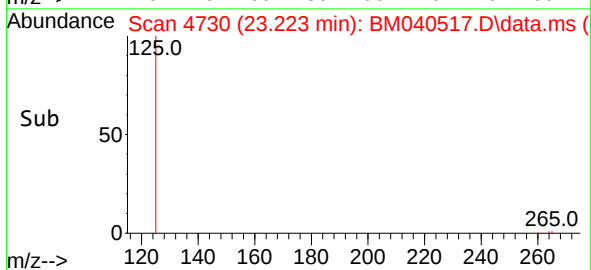
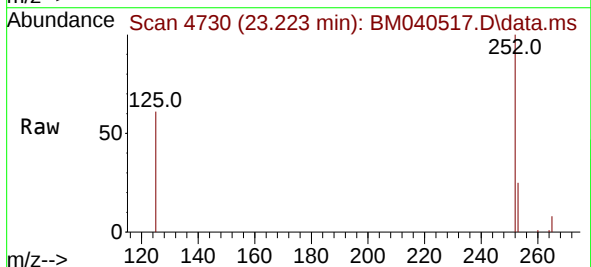
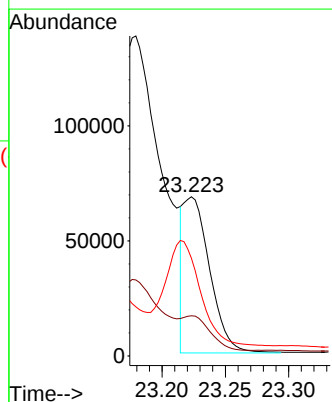
Tgt Ion:252 Resp: 97743

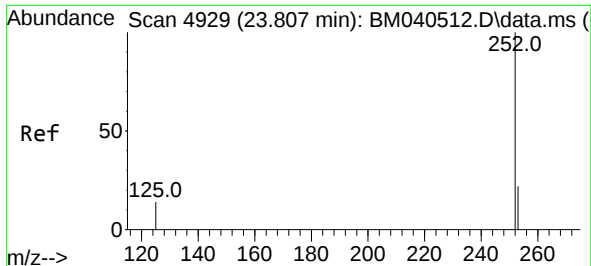
Ion Ratio Lower Upper

252 100

253 25.3 21.2 31.8

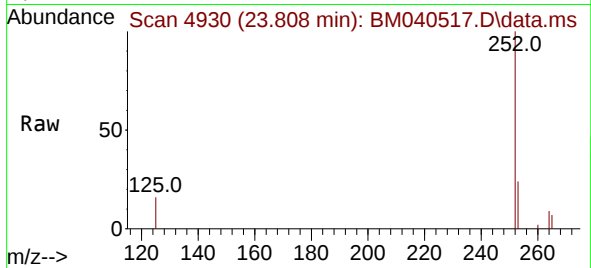
125 61.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 3.115 ng/ul
RT: 23.808 min Scan# 4929
Delta R.T. -0.004 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

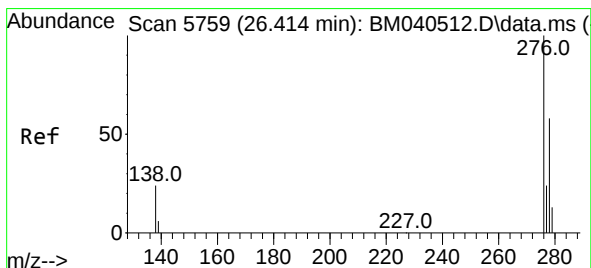
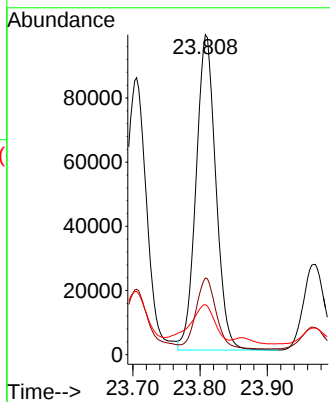
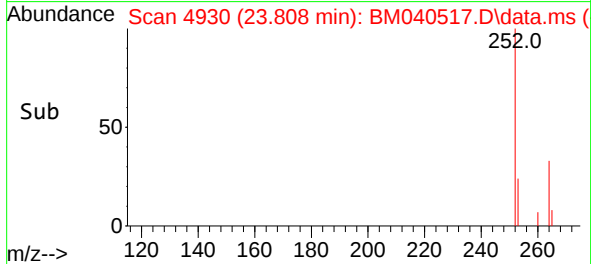
Instrument :
BNA_M
ClientSampleId :
DCGA1



Tgt Ion:252 Resp: 20053
Ion Ratio Lower Upper
252 100
253 24.0 22.9 34.3
125 15.6 21.0 31.4

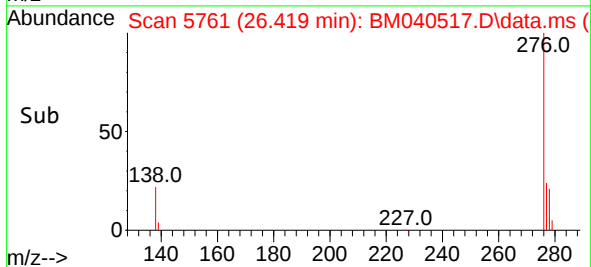
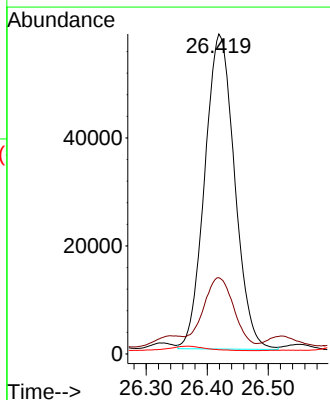
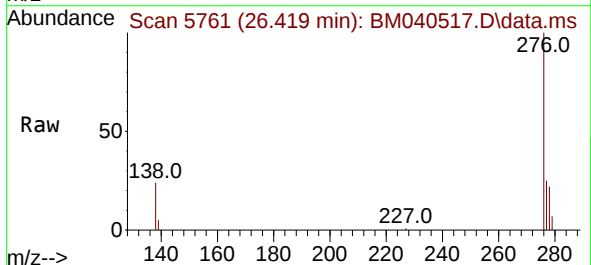
Manual Integrations
APPROVED

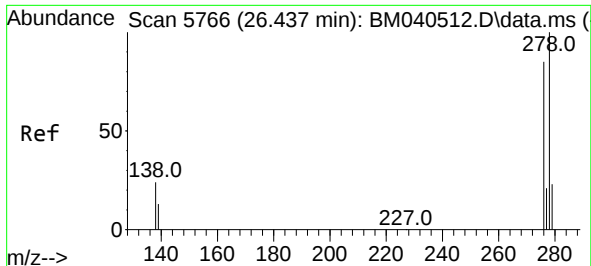
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.216 ng/ul
RT: 26.419 min Scan# 5761
Delta R.T. -0.001 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

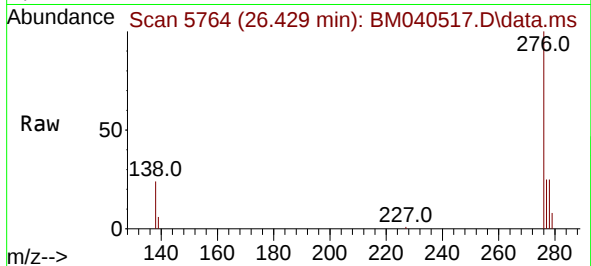
Tgt Ion:276 Resp: 198722
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.705 ng/ul
RT: 26.429 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11

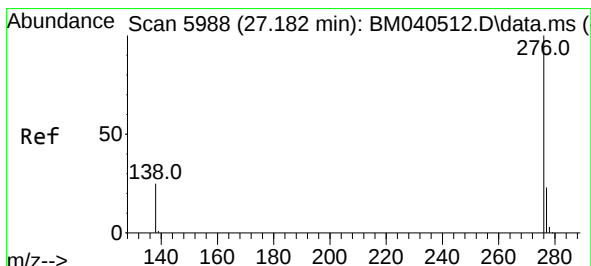
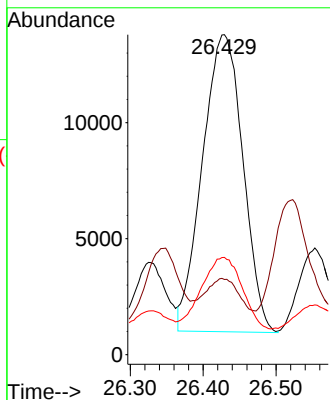
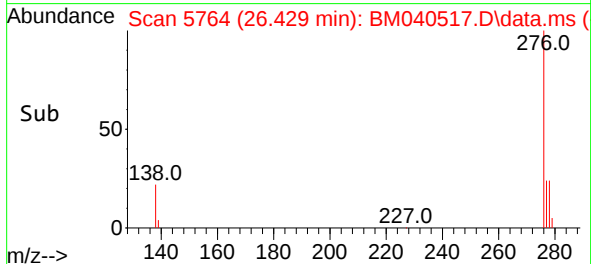
Instrument :
BNA_M
ClientSampleId :
DCGA1



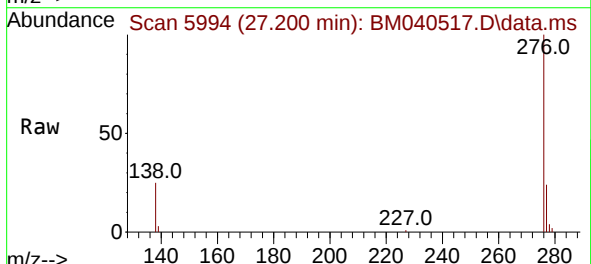
Tgt Ion:278 Resp: 49470
Ion Ratio Lower Upper
278 100
139 23.5 17.9 26.9
279 30.4 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 2.467 ng/ul
RT: 27.200 min Scan# 5994
Delta R.T. 0.016 min
Lab File: BM040517.D
Acq: 02 Jul 2023 00:11



Tgt Ion:276 Resp: 193850
Ion Ratio Lower Upper
276 100
138 24.7 23.0 34.6
277 24.4 20.3 30.5

