

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040599.D
 Acq On : 04 Jul 2023 06:01
 Operator : MA/JU
 Sample : 03242-10DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 06:33:15 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	8597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	30736	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.563	164	13482	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	24354	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	14803	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	15582	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5797	0.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1320	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	1870	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	4598	0.054	ng/ul#	91
7) 2-Methylnaphthalene	12.389	142	2515	0.051	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	2079	0.042	ng/ul	98
10) Acenaphthylene	14.281	152	6681	0.111	ng/ul	95
11) Acenaphthene	14.623	153	2316	0.046	ng/ul	98
12) Fluorene	15.613	166	2125	0.039	ng/ul#	93
15) Phenanthrene	17.353	178	53527	0.708	ng/ul	99
16) Anthracene	17.446	178	11989	0.189	ng/ul	96
19) Fluoranthene	19.370	202	115690	1.840	ng/ul	95
20) Pyrene	19.733	202	98648	1.463	ng/ul	99
21) Benzo(a)anthracene	21.480	228	51381	1.026	ng/ul	97
22) Chrysene	21.532	228	48117	0.842	ng/ul	98
24) Benzo(b)fluoranthene	23.169	252	85573	1.419	ng/ul	93
25) Benzo(k)fluoranthene	23.210	252	26230m	0.441	ng/ul	
26) Benzo(a)pyrene	23.795	252	54561	1.004	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.394	276	48294	0.638	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.404	278	10934	0.185	ng/ul#	86
29) Benzo(g,h,i)perylene	27.172	276	43457	0.655	ng/ul	97

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

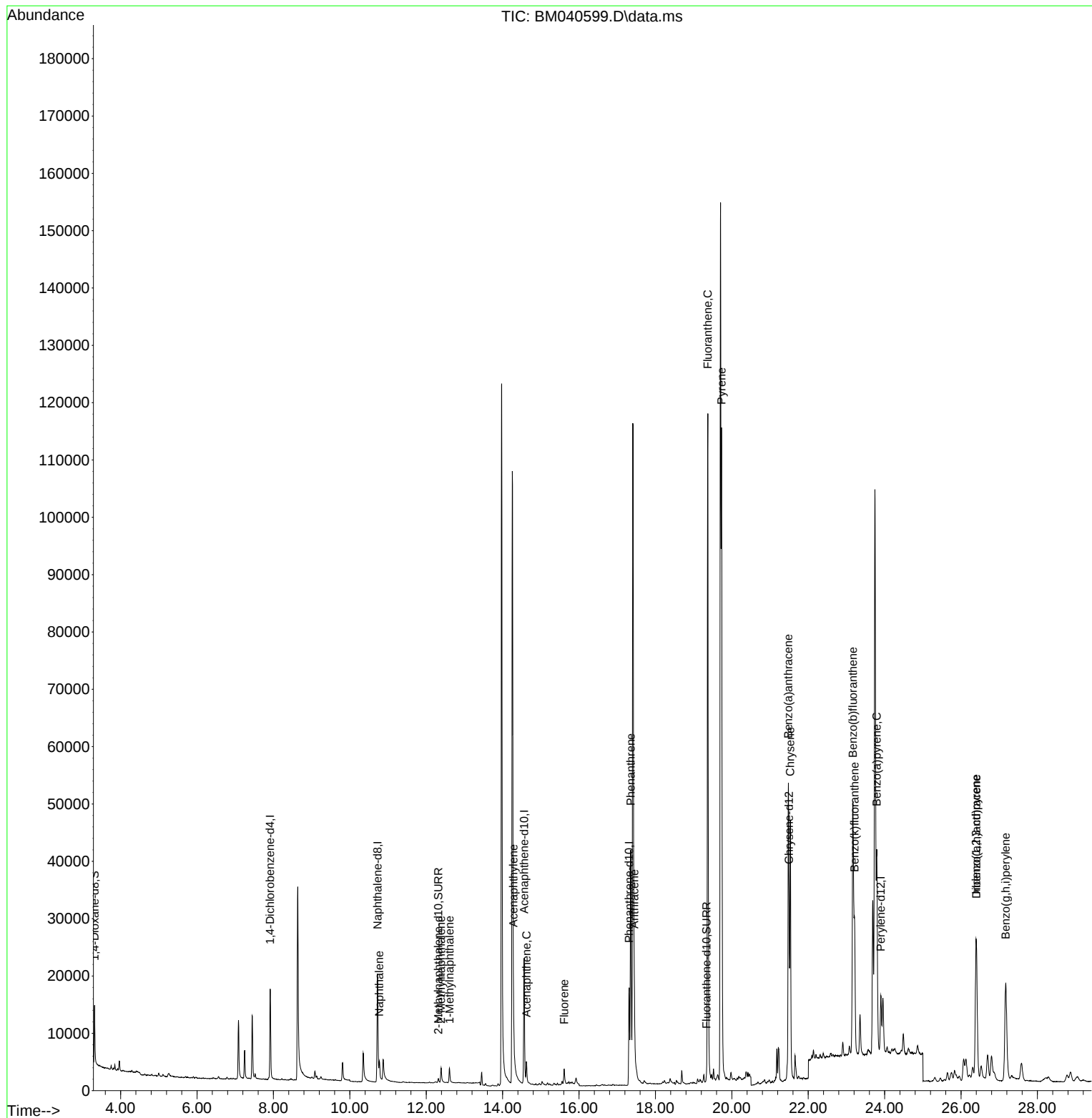
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040599.D
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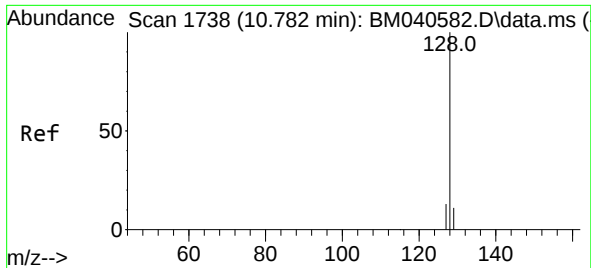
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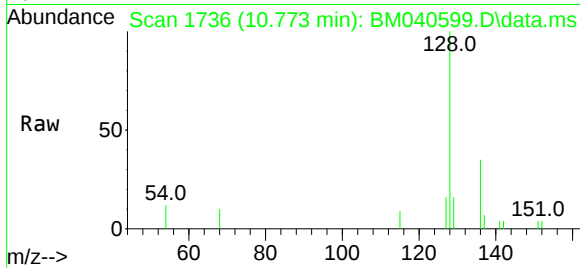
Quant Time: Jul 04 06:33:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.773 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

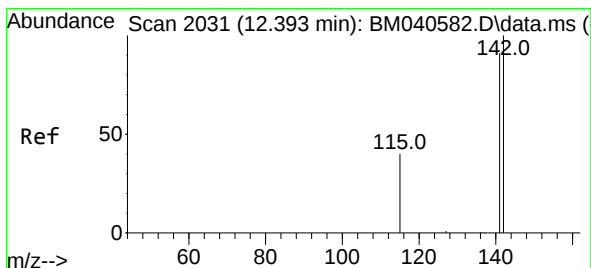
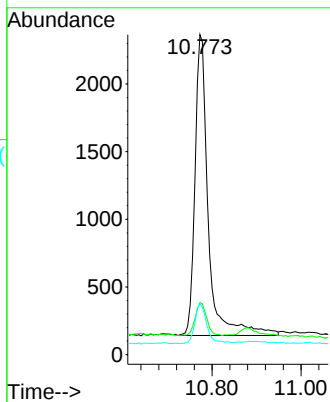
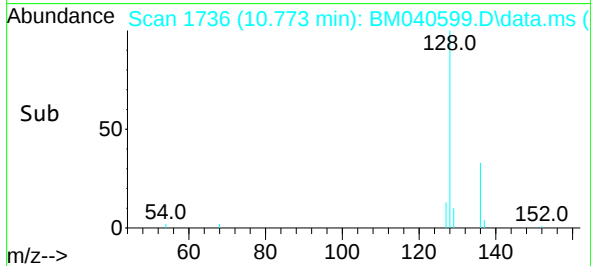
Instrument :
BNA_M
ClientSampleId :
DCGD0DL



Tgt Ion:128 Resp: 4598
Ion Ratio Lower Upper
128 100
129 16.2 9.2 13.8
127 15.9 10.6 15.8

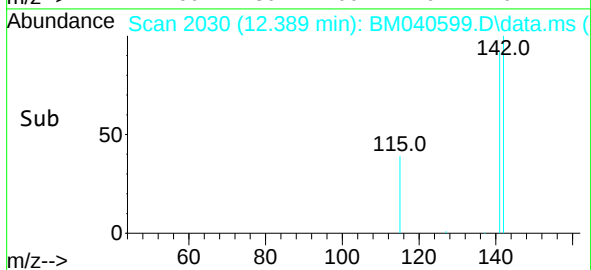
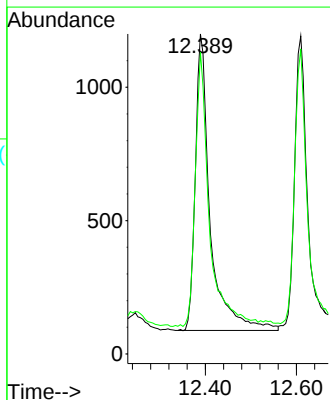
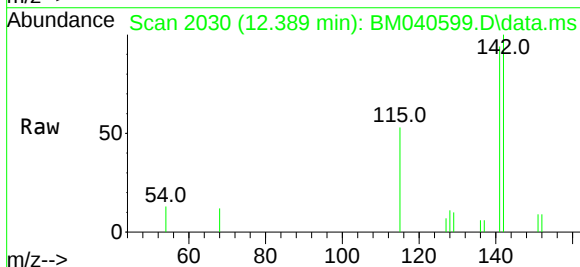
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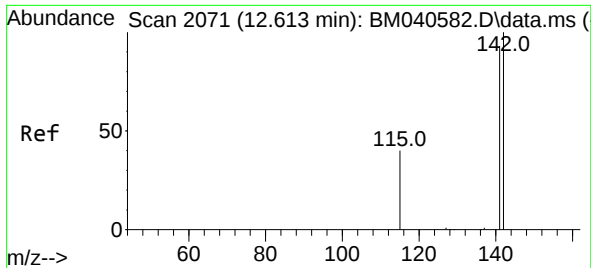
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

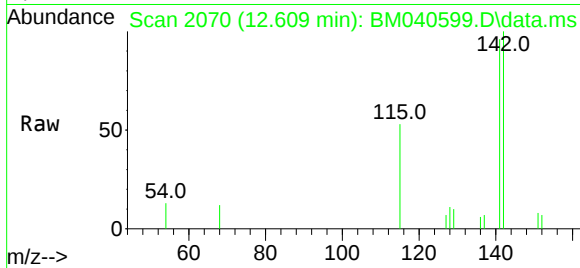
Tgt Ion:142 Resp: 2515
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.609 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

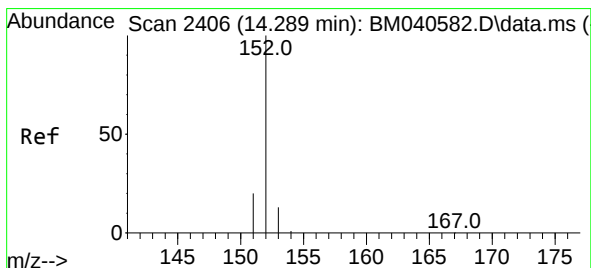
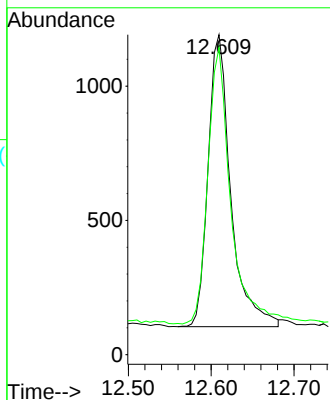
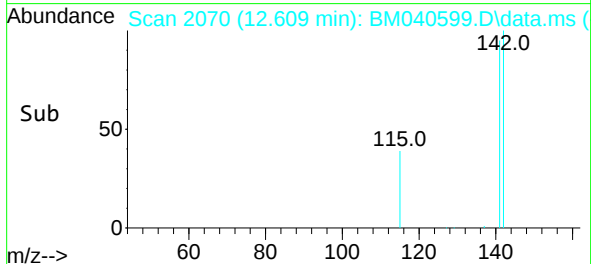
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 2079
Ion Ratio Lower Upper
142 100
141 94.0 73.7 110.5

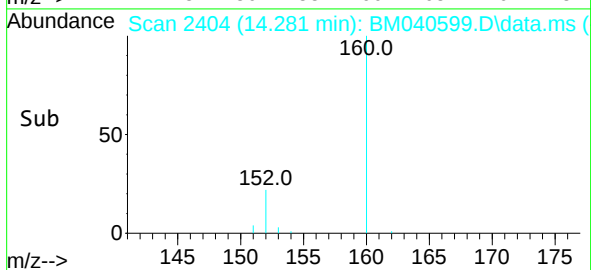
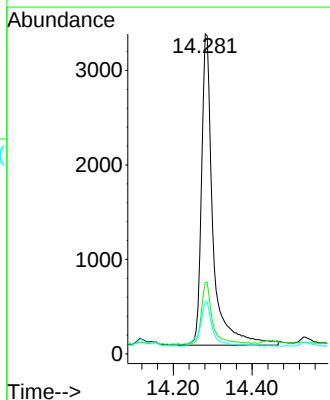
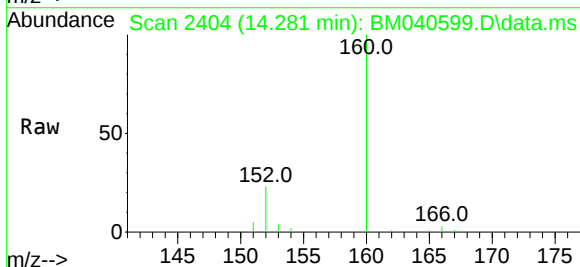
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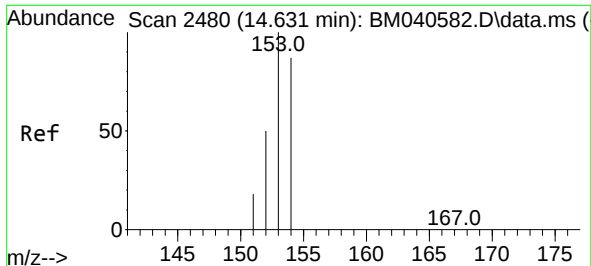
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

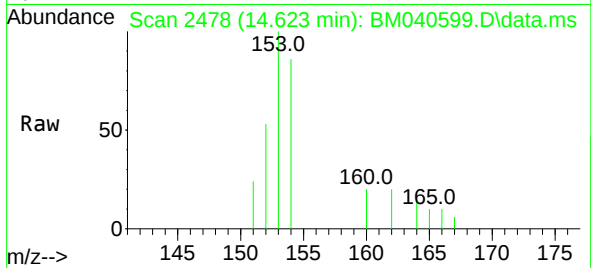
Tgt Ion:152 Resp: 6681
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.2
153 16.2 10.9 16.3





#11
Acenaphthene
Concen: 0.046 ng/u1
RT: 14.623 min Scan# 2478
Delta R.T. -0.009 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

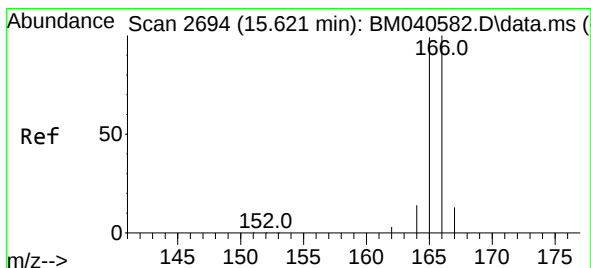
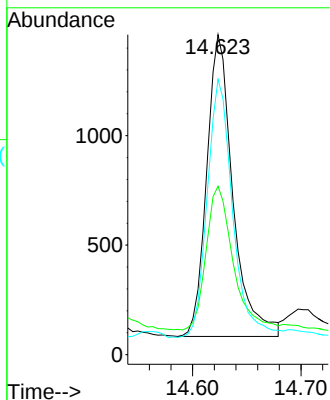
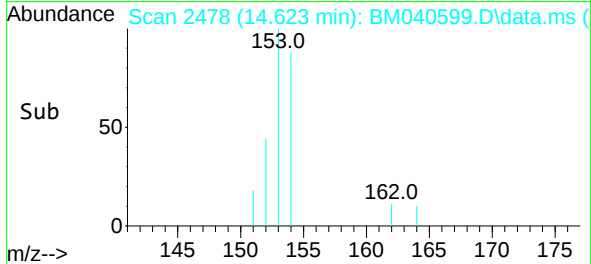
Instrument :
BNA_M
ClientSampleId :
DCGD0DL



Tgt Ion:153 Resp: 2310
Ion Ratio Lower Upper
153 100
152 52.6 41.0 61.4
154 86.0 70.8 106.2

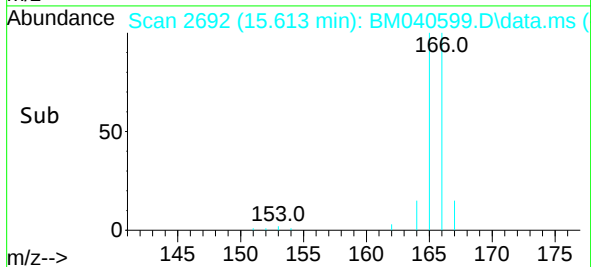
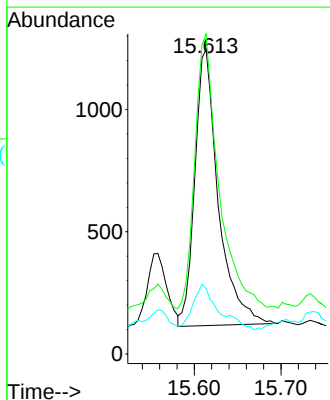
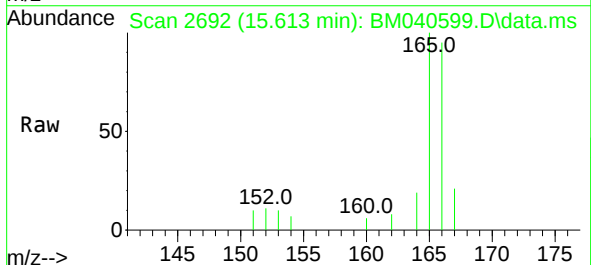
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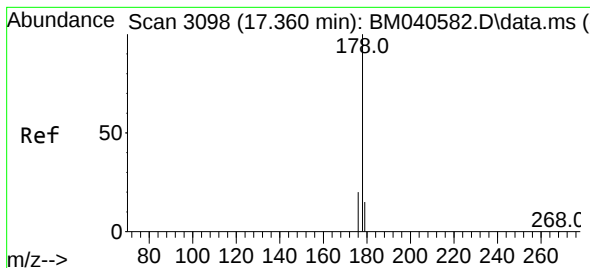
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.613 min Scan# 2692
Delta R.T. -0.005 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

Tgt Ion:166 Resp: 2125
Ion Ratio Lower Upper
166 100
165 105.0 79.6 119.4
167 21.6 11.4 17.0#





#15

Phenanthrene

Concen: 0.708 ng/ul

RT: 17.353 min Scan# 3098

Delta R.T. -0.008 min

Lab File: BM040599.D

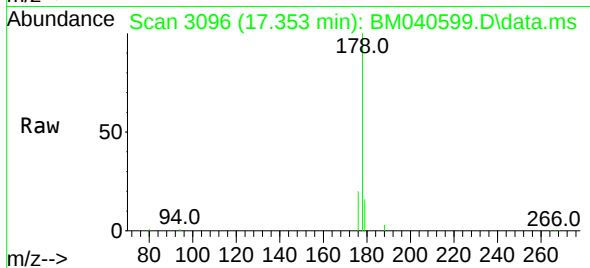
Acq: 04 Jul 2023 06:01

Instrument :

BNA_M

ClientSampleId :

DCGD0DL



Tgt Ion:178 Resp: 5352

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

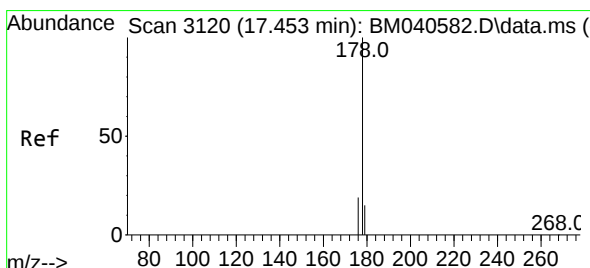
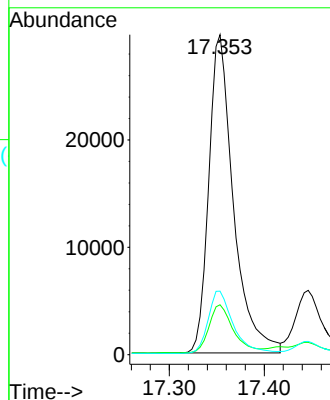
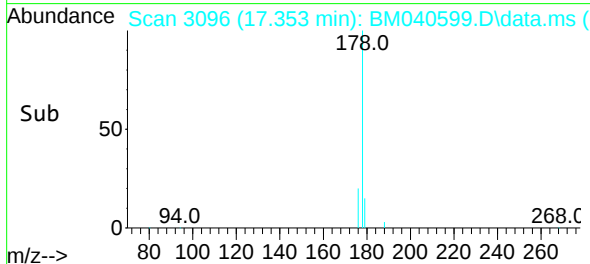
176 19.9 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#16

Anthracene

Concen: 0.189 ng/ul

RT: 17.446 min Scan# 3118

Delta R.T. -0.008 min

Lab File: BM040599.D

Acq: 04 Jul 2023 06:01

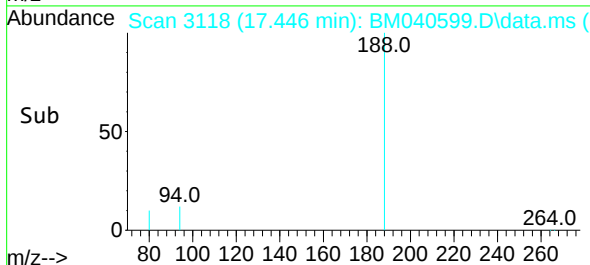
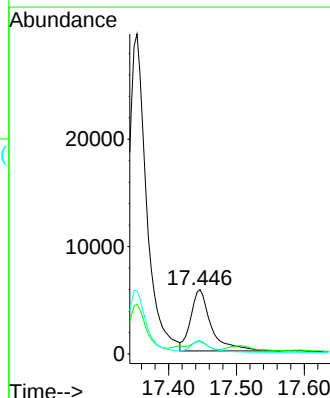
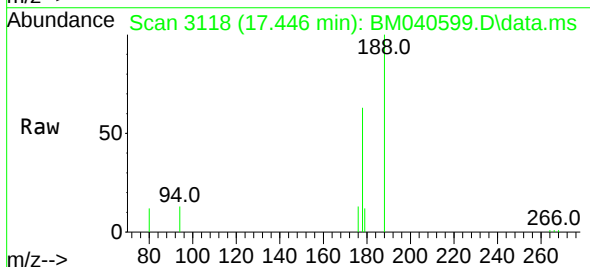
Tgt Ion:178 Resp: 11989

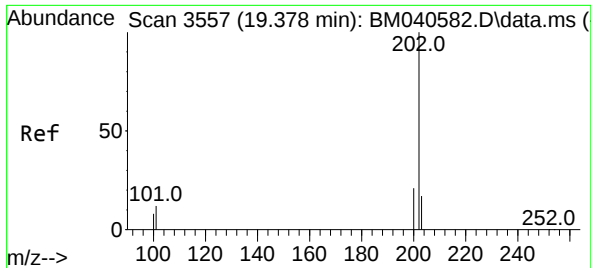
Ion Ratio Lower Upper

178 100

179 19.2 12.9 19.3

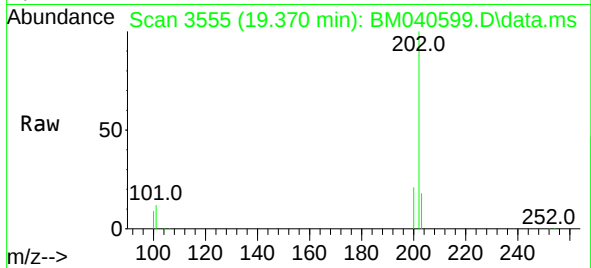
176 20.7 15.8 23.6





#19
Fluoranthene
Concen: 1.840 ng/ul
RT: 19.370 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

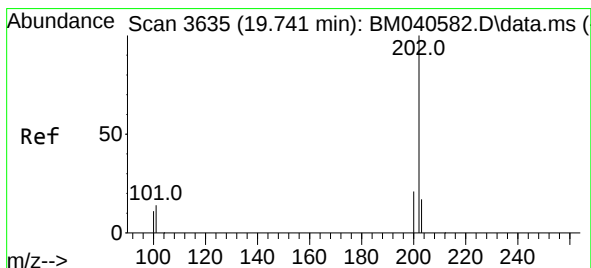
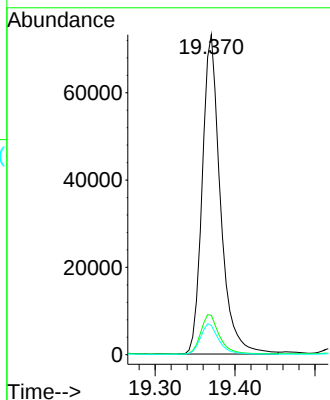
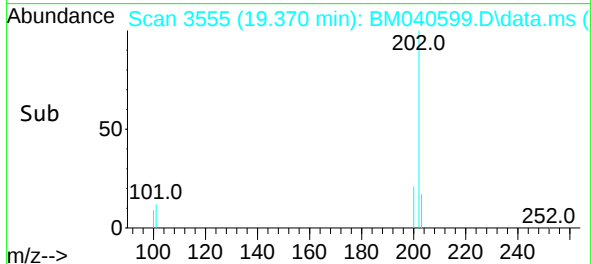
Instrument :
BNA_M
ClientSampleId :
DCGD0DL



Tgt Ion:202 Resp: 115690
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 9.2 8.7 13.1

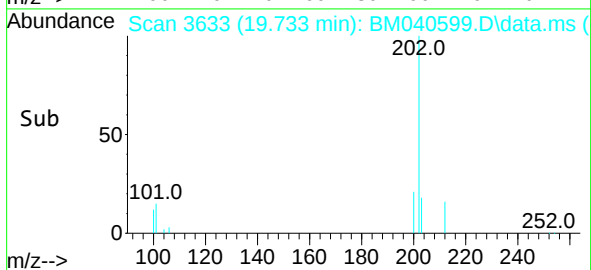
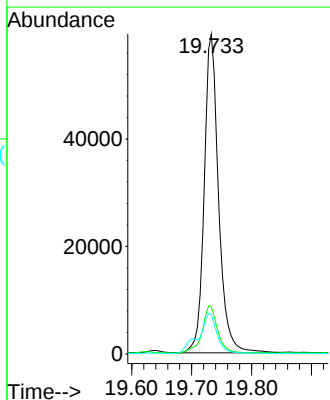
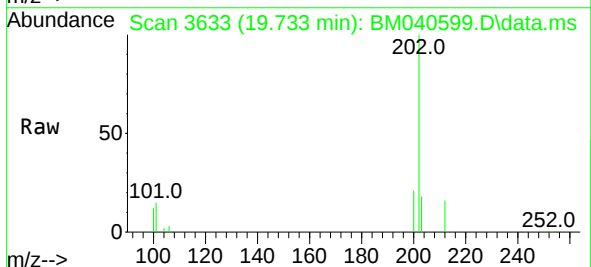
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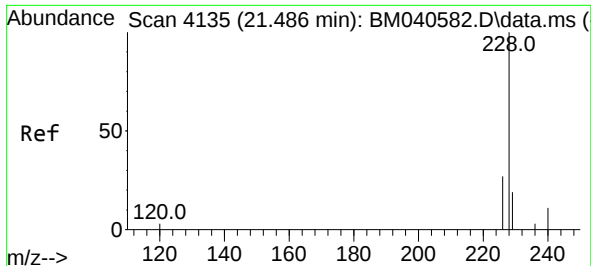
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 1.463 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

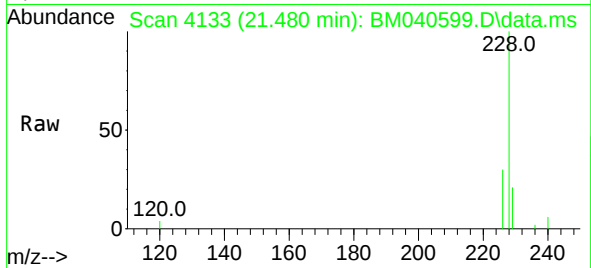
Tgt Ion:202 Resp: 98648
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.026 ng/ul
RT: 21.480 min Scan# 4135
Delta R.T. -0.009 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

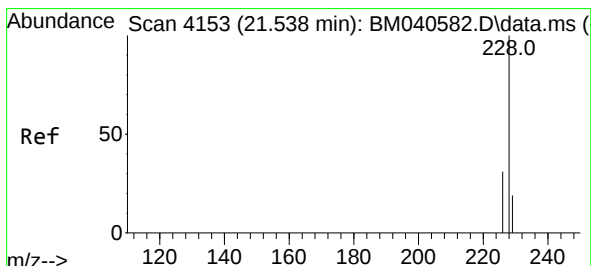
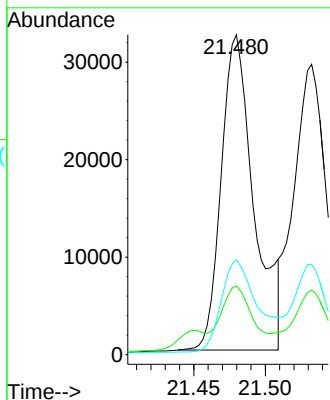
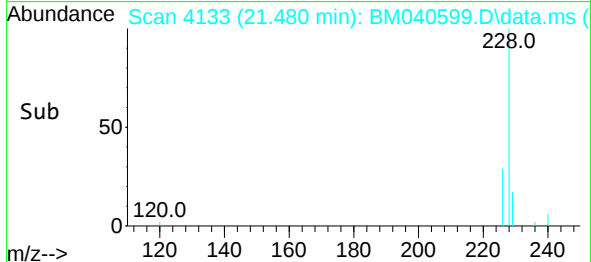
Instrument :
BNA_M
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DCGD0DL



Tgt Ion:228 Resp: 5138
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 29.7 22.3 33.5

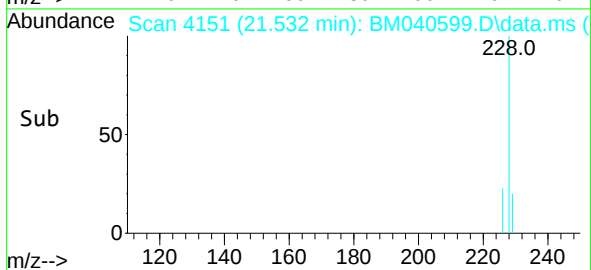
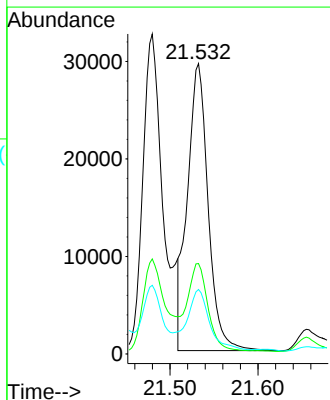
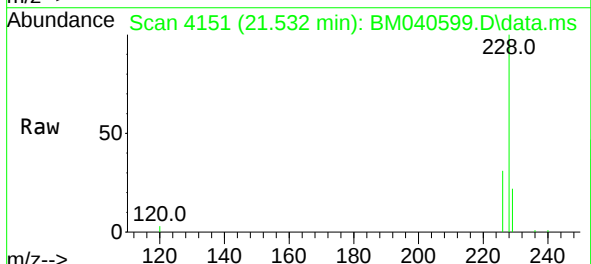
Manual Integrations
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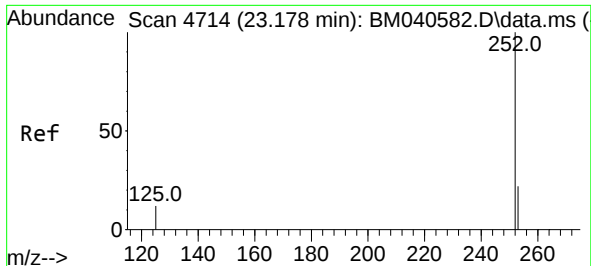
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 0.842 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

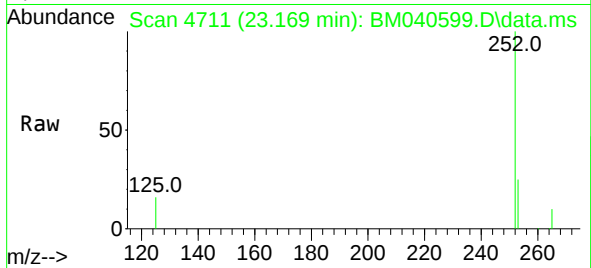
Tgt Ion:228 Resp: 48117
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.419 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

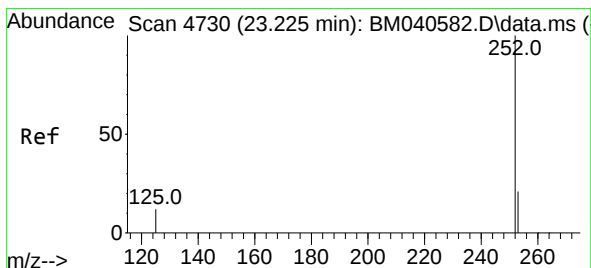
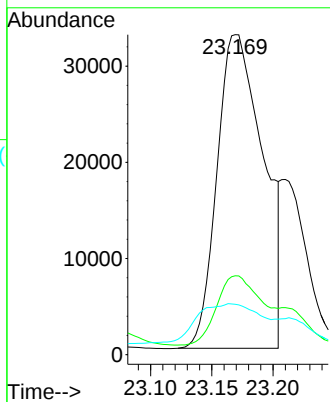
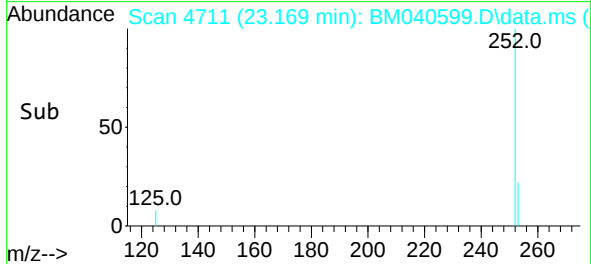
Instrument :
BNA_M
ClientSampleId :
DCGD0DL



Tgt Ion:252 Resp: 8557
Ion Ratio Lower Upper
252 100
253 24.6 0.0 52.8
125 15.7 0.0 43.0

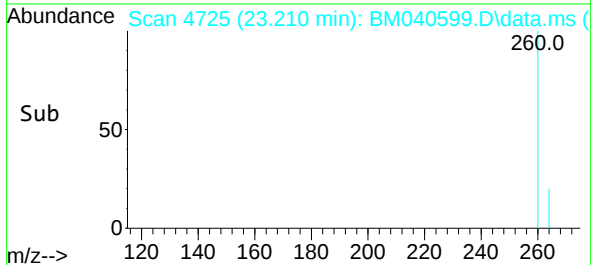
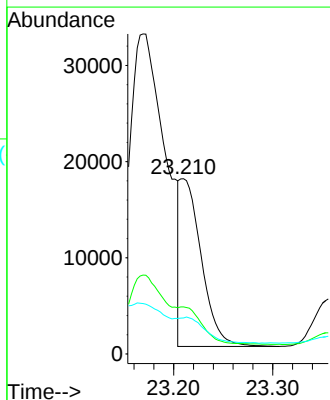
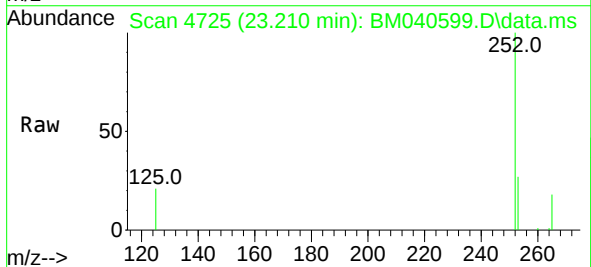
Manual Integrations
APPROVED

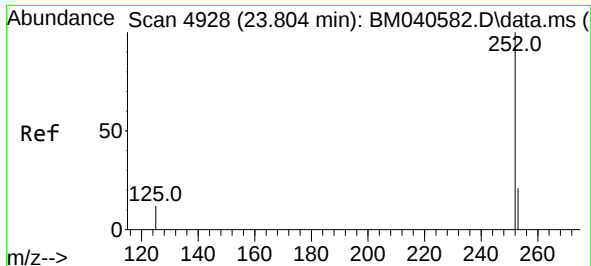
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul m
RT: 23.210 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

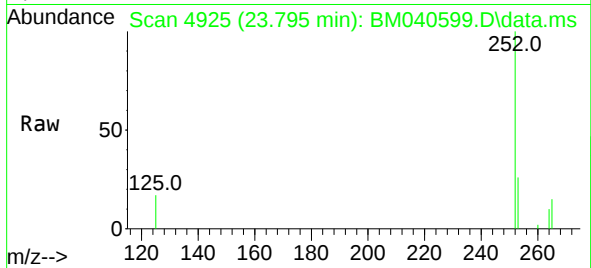
Tgt Ion:252 Resp: 26230
Ion Ratio Lower Upper
252 100
253 26.8 21.2 31.8
125 20.6 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.004 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

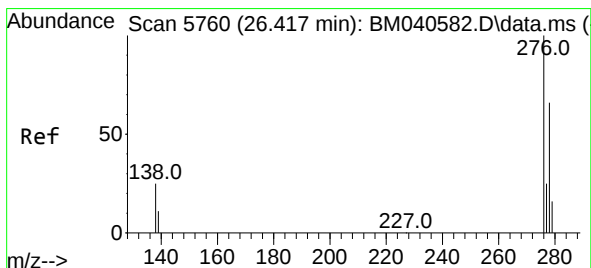
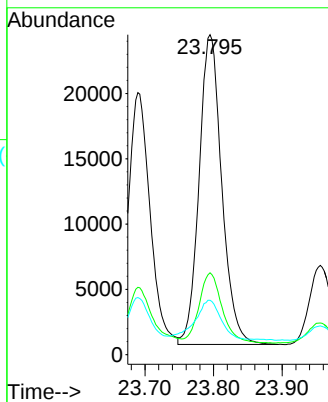
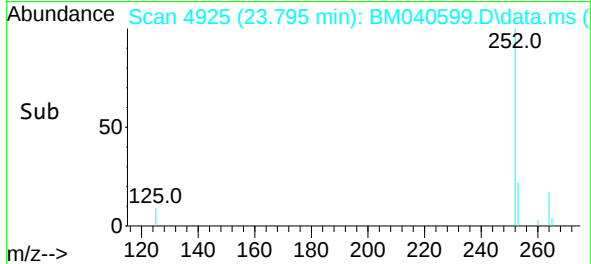
Instrument :
BNA_M
ClientSampleId :
DCGD0DL



Tgt Ion:252 Resp: 5456
Ion Ratio Lower Upper
252 100
253 25.6 22.9 34.3
125 17.0 21.0 31.4

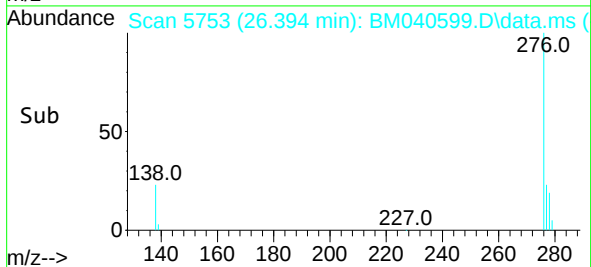
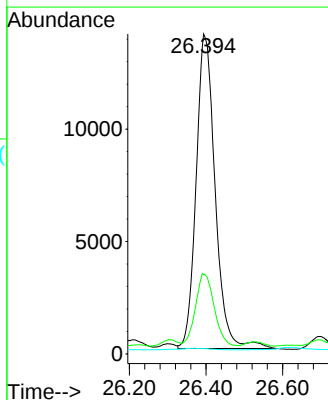
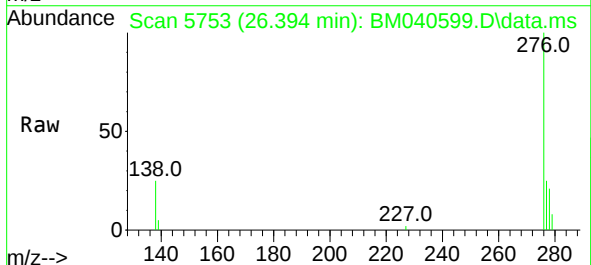
Manual Integrations
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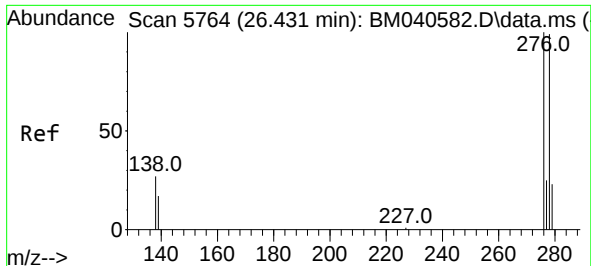
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.638 ng/ul
RT: 26.394 min Scan# 5753
Delta R.T. -0.024 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

Tgt Ion:276 Resp: 48294
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.0 0.1 0.1#





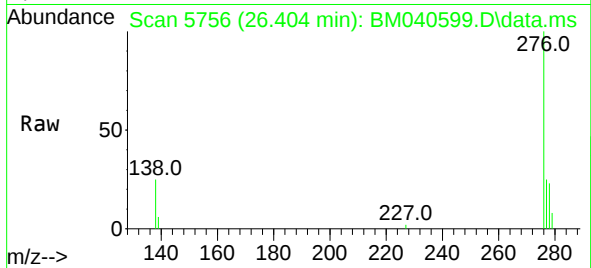
#28
Dibenzo(a,h)anthracene
Concen: 0.185 ng/ul
RT: 26.404 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

Instrument :

BNA_M

ClientSampleId :

DCGD0DL

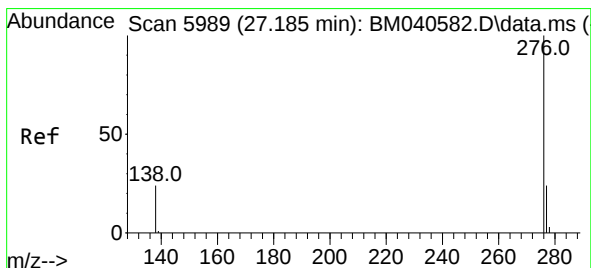
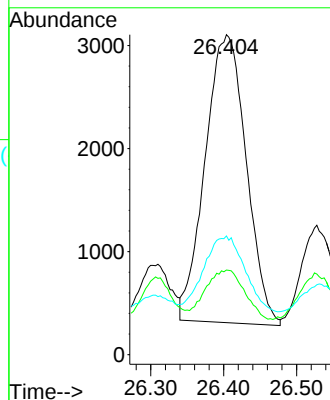


Tgt Ion:278 Resp: 10934
Ion Ratio Lower Upper
278 100
139 26.4 17.9 26.9
279 37.1 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 0.655 ng/ul
RT: 27.172 min Scan# 5985
Delta R.T. -0.010 min
Lab File: BM040599.D
Acq: 04 Jul 2023 06:01

Tgt Ion:276 Resp: 43457
Ion Ratio Lower Upper
276 100
138 26.4 23.0 34.6
277 24.8 20.3 30.5

