

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040596.D
 Acq On : 04 Jul 2023 04:10
 Operator : MA/JU
 Sample : 03242-04DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 05:48:56 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	7.919	152	6731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	24631	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.563	164	11396	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	22565	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12899	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	13601	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	5471	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1175	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	1826	0.044	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.773	128	8372	0.123	ng/ul#	95
7) 2-Methylnaphthalene	12.389	142	2703	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.609	142	2215	0.056	ng/ul	99
10) Acenaphthylene	14.281	152	15817	0.311	ng/ul	98
11) Acenaphthene	14.623	153	7284	0.169	ng/ul	98
12) Fluorene	15.613	166	6983	0.152	ng/ul	99
15) Phenanthrene	17.353	178	176631	2.520	ng/ul	98
16) Anthracene	17.446	178	34426	0.584	ng/ul	99
19) Fluoranthene	19.366	202	459877	8.393	ng/ul	96
20) Pyrene	19.733	202	358233	6.098	ng/ul	97
21) Benzo(a)anthracene	21.477	228	177697	4.073	ng/ul	99
22) Chrysene	21.529	228	172757	3.471	ng/ul	98
24) Benzo(b)fluoranthene	23.169	252	313966	5.965	ng/ul	88
25) Benzo(k)fluoranthene	23.207	252	95859m	1.848	ng/ul	
26) Benzo(a)pyrene	23.792	252	199975	4.218	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.397	276	176631	2.675	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	41067	0.794	ng/ul	96
29) Benzo(g,h,i)perylene	27.165	276	132099	2.282	ng/ul	95

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

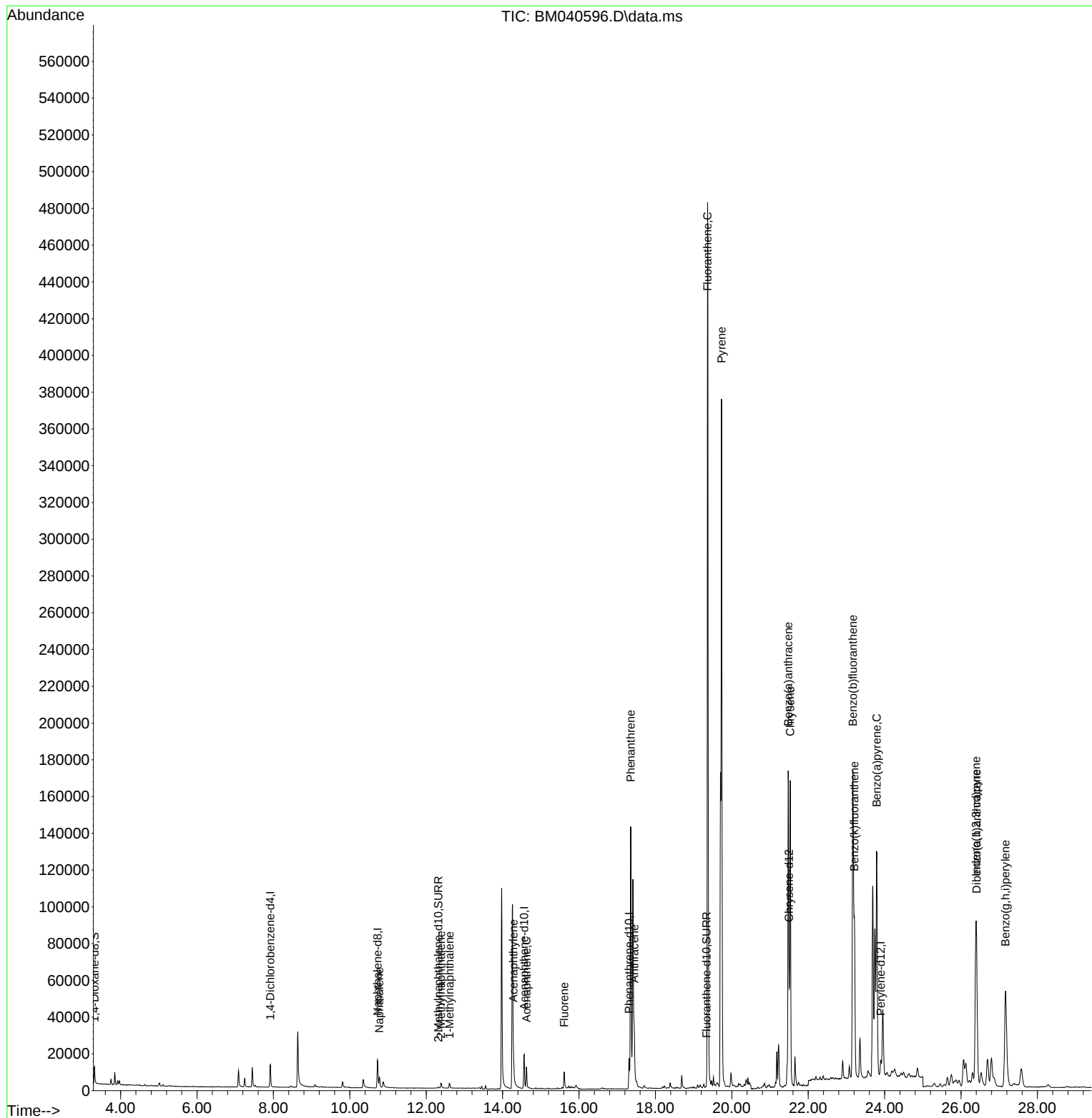
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040596.D
Acq On : 04 Jul 2023 04:10
Operator : MA/JU
Sample : 03242-04DL 5X
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ALS Vial : 32 Sample Multiplier: 1

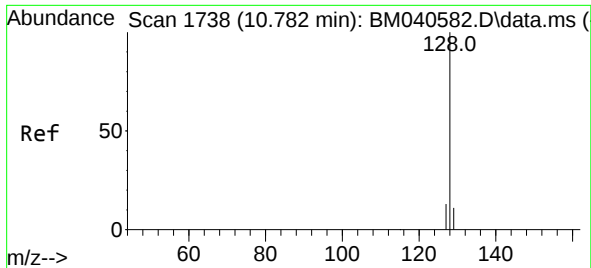
Instrument :
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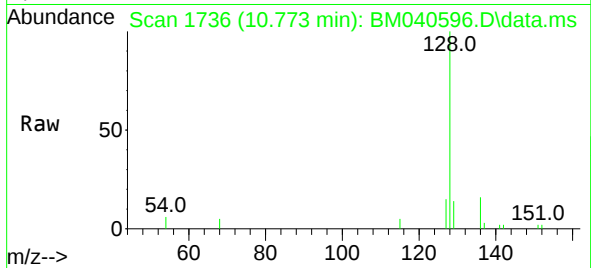
Quant Time: Jul 04 05:48:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.123 ng/ul
RT: 10.773 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

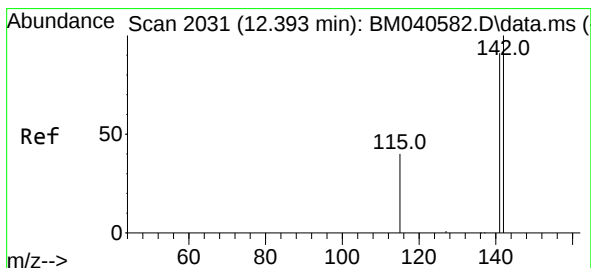
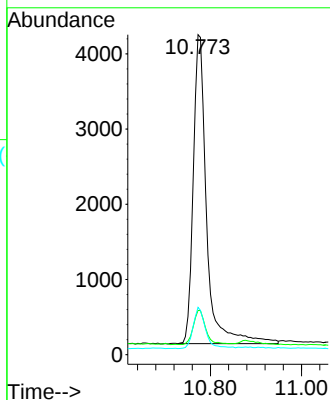
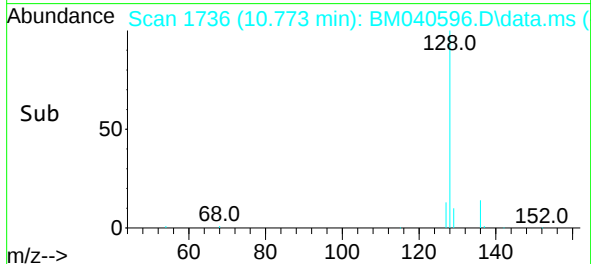
Instrument :
BNA_M
ClientSampleId :
DCGC4DL



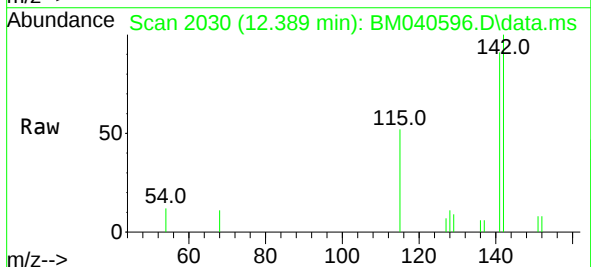
Tgt Ion:128 Resp: 8372
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.8 10.6 15.8

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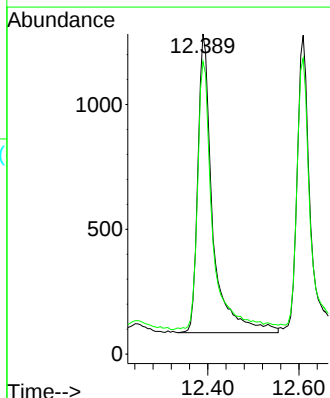
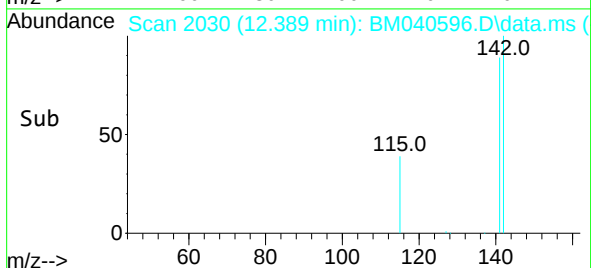
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

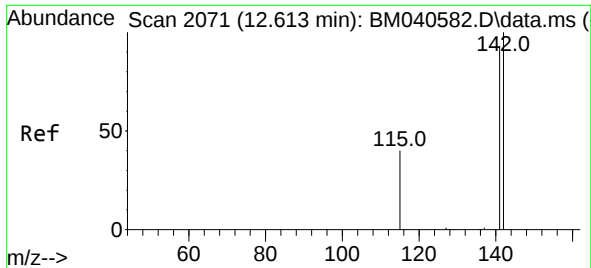


#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10



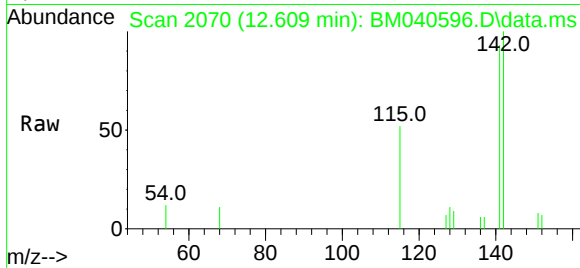
Tgt Ion:142 Resp: 2703
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.609 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

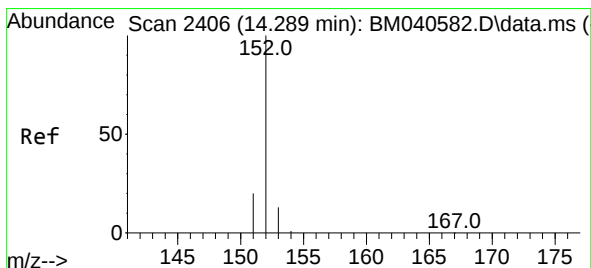
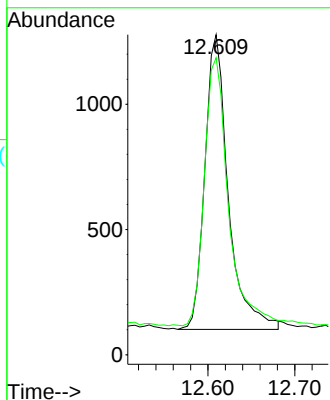
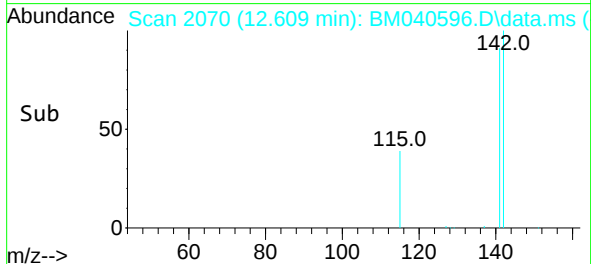
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 2215
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5

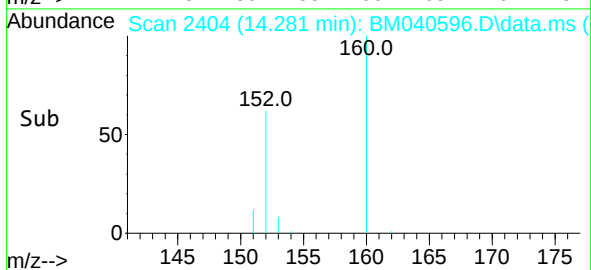
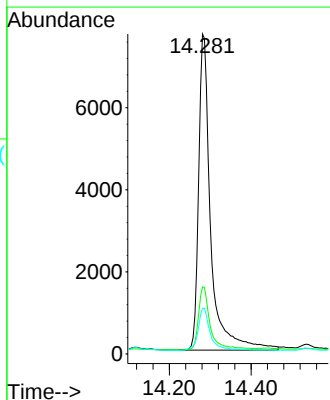
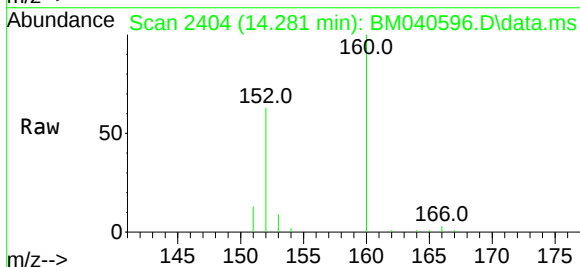
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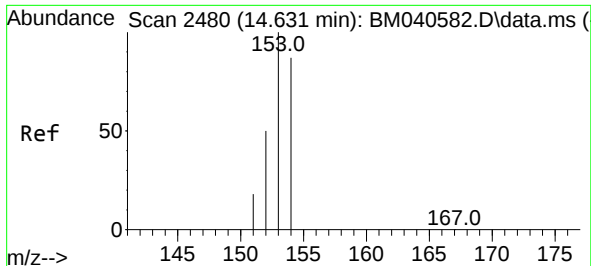
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

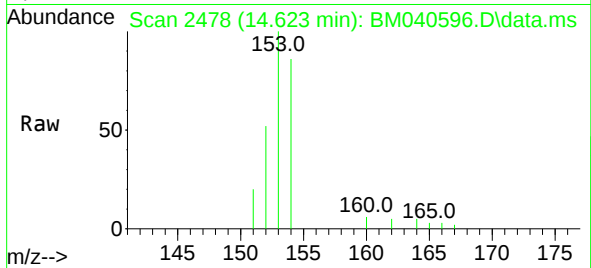
Tgt Ion:152 Resp: 15817
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 0.169 ng/ul
RT: 14.623 min Scan# 2478
Delta R.T. -0.009 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

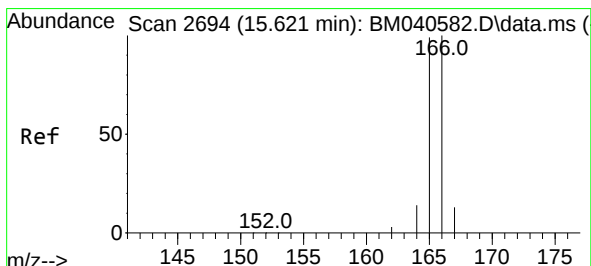
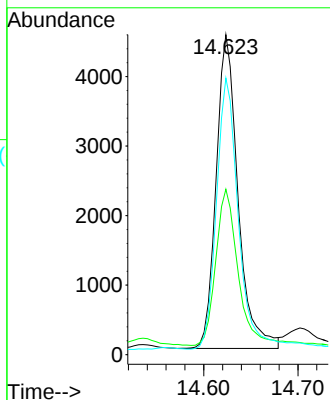
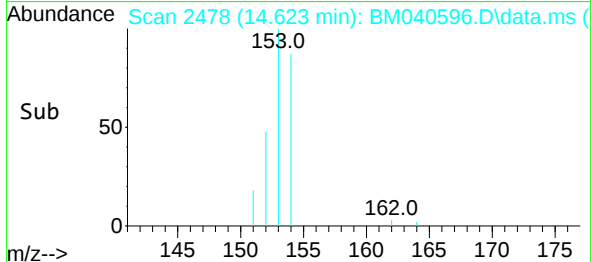
Instrument :
BNA_M
ClientSampleId :
DCGC4DL



Tgt Ion:153 Resp: 7284
Ion Ratio Lower Upper
153 100
152 51.7 41.0 61.4
154 86.5 70.8 106.2

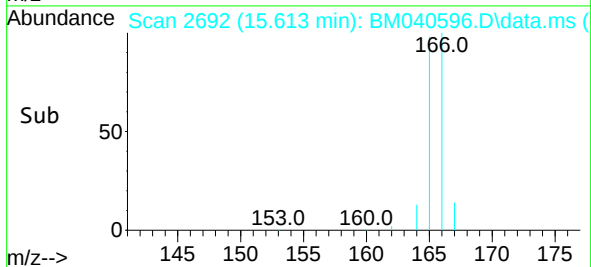
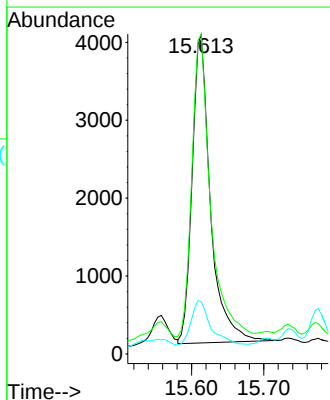
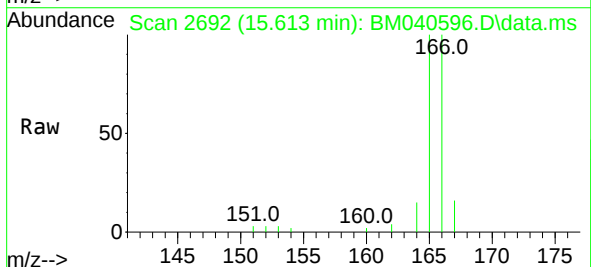
Manual Integrations
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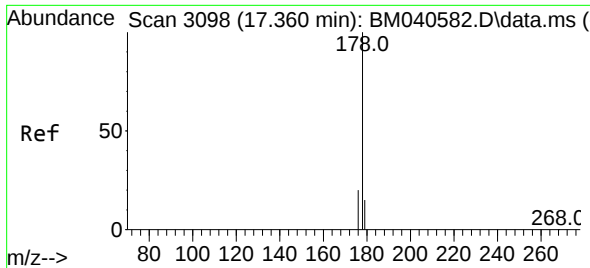
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.152 ng/ul
RT: 15.613 min Scan# 2692
Delta R.T. -0.005 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

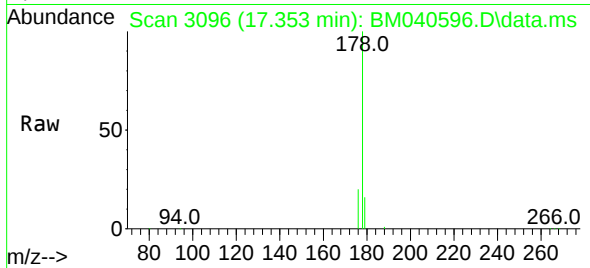
Tgt Ion:166 Resp: 6983
Ion Ratio Lower Upper
166 100
165 100.2 79.6 119.4
167 16.4 11.4 17.0





#15
Phenanthrene
Concen: 2.520 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.008 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

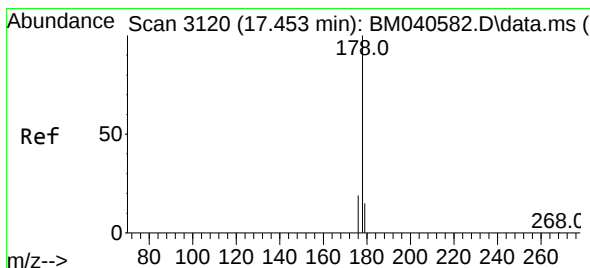
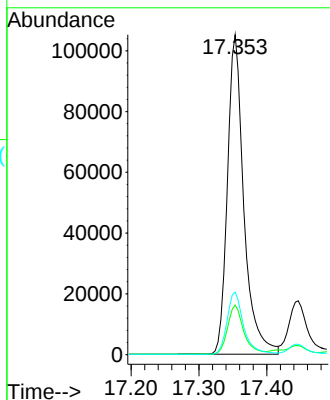
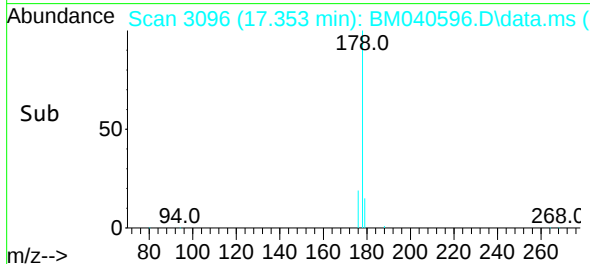
Instrument :
BNA_M
ClientSampleId :
DCGC4DL



Tgt Ion:178 Resp: 17663
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6

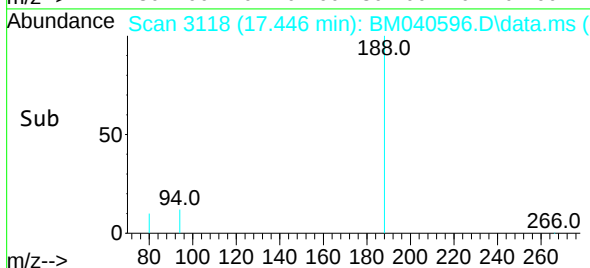
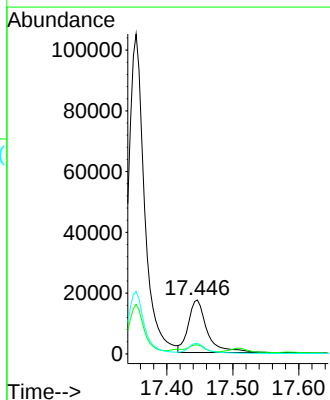
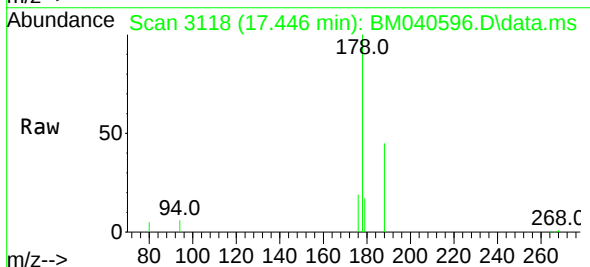
Manual Integrations
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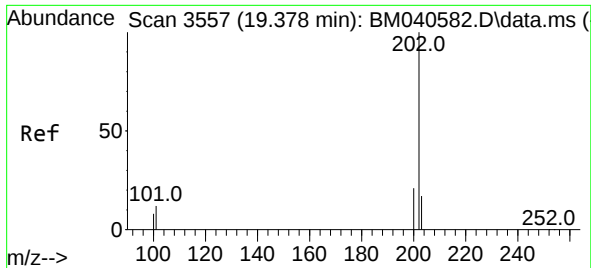
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.584 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

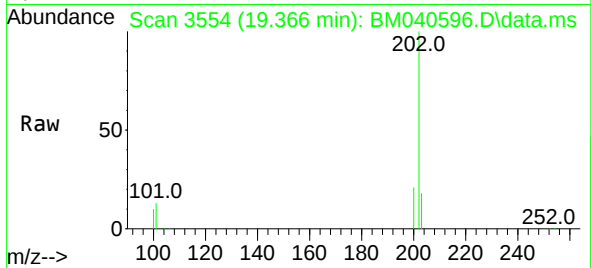
Tgt Ion:178 Resp: 34426
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 8.393 ng/u1
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

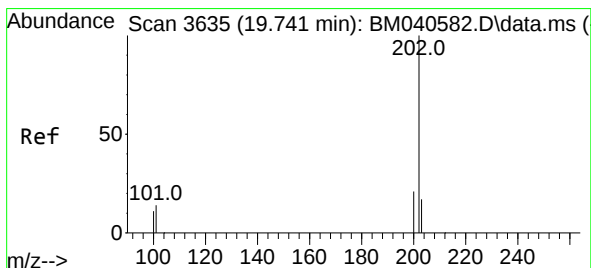
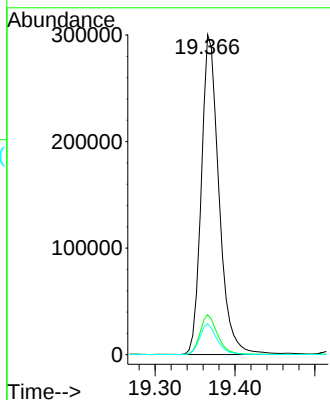
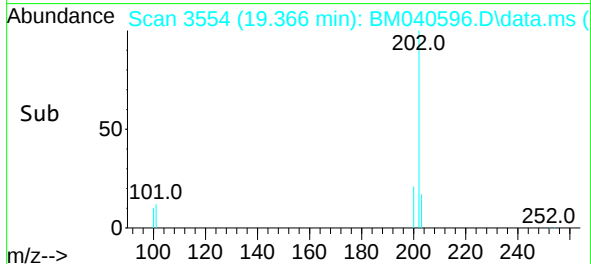
Instrument :
BNA_M
ClientSampleId :
DCGC4DL



Tgt Ion:202 Resp: 45987
Ion Ratio Lower Upper
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101 12.5 11.4 17.0
100 9.6 8.7 13.1

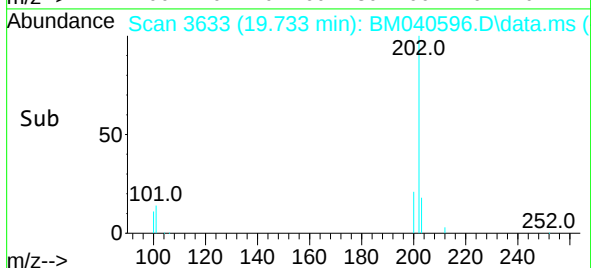
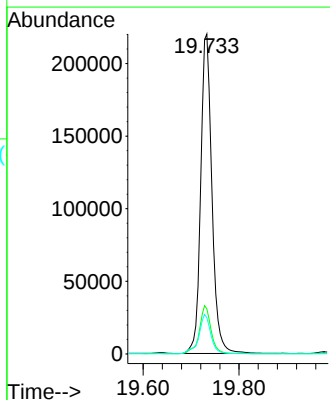
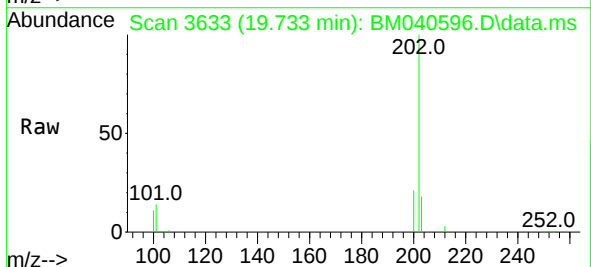
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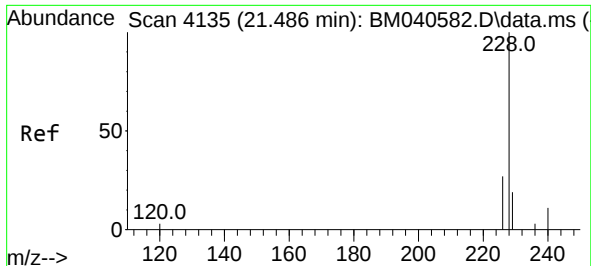
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 6.098 ng/u1
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

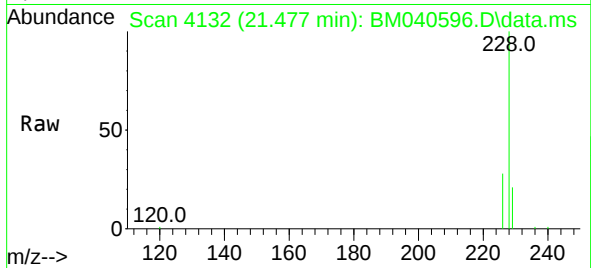
Tgt Ion:202 Resp: 358233
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.073 ng/ul
RT: 21.477 min Scan# 4132
Delta R.T. -0.012 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

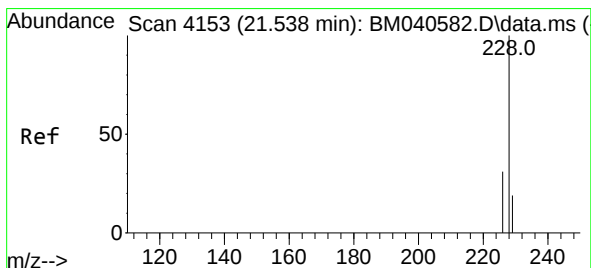
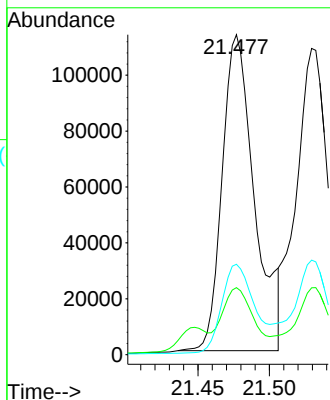
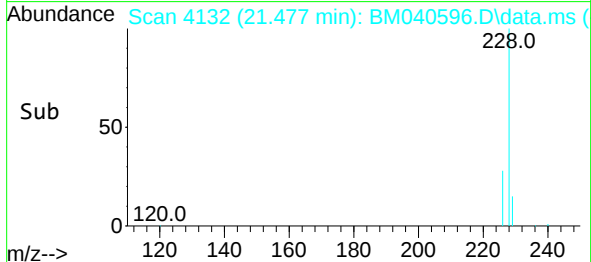
Instrument :
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ClientSampleId :
DCGC4DL



Tgt Ion:228 Resp: 177697
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.3 22.3 33.5

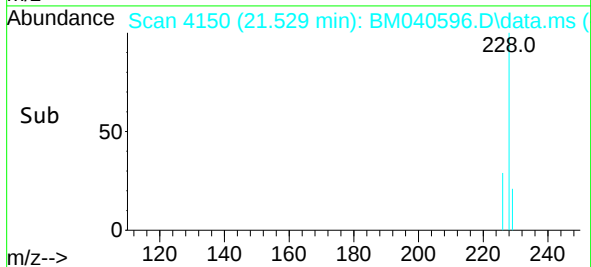
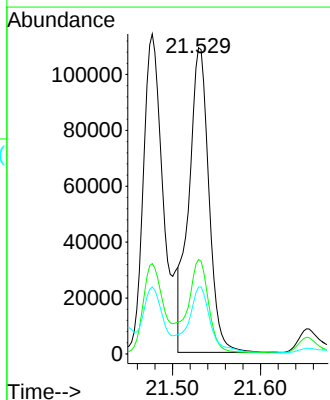
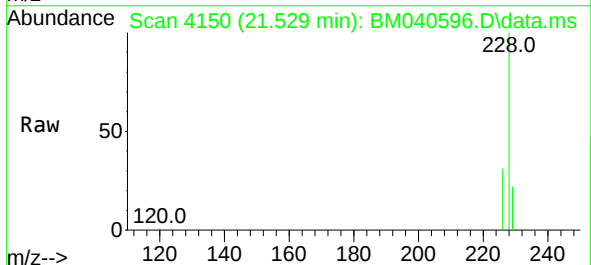
Manual Integrations
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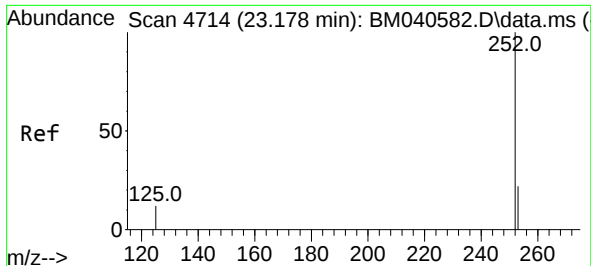
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 3.471 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

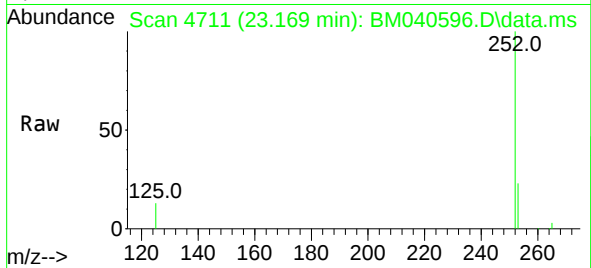
Tgt Ion:228 Resp: 172757
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.965 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

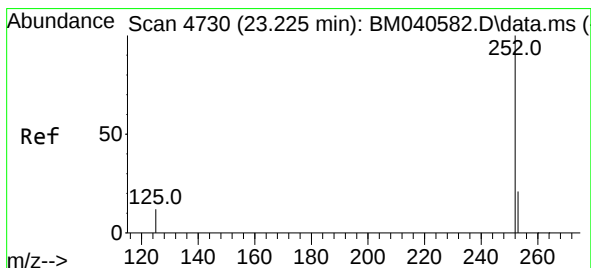
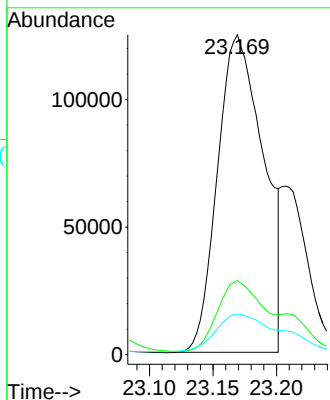
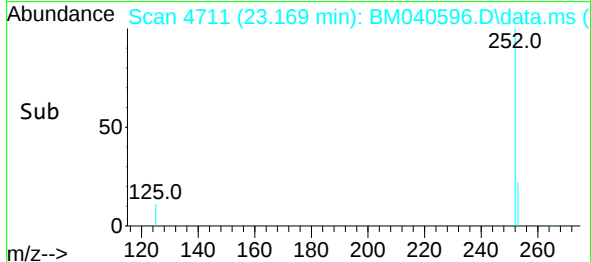
Instrument :
BNA_M
ClientSampleId :
DCGC4DL



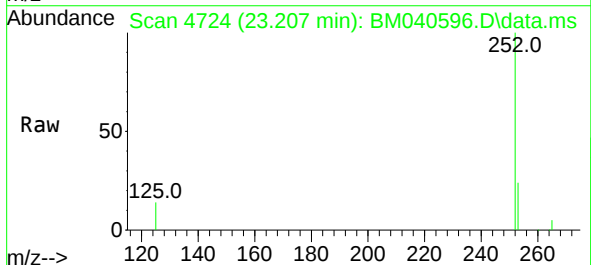
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Ion Ratio Lower Upper
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253 23.2 0.0 52.8
125 12.7 0.0 43.0

Manual Integrations
APPROVED

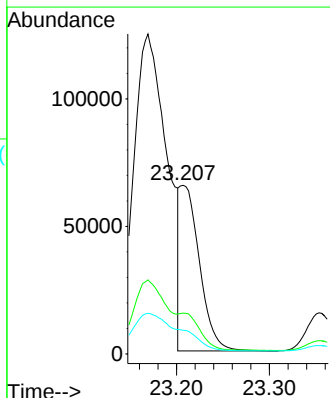
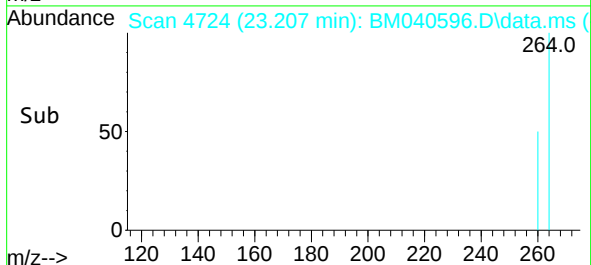
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

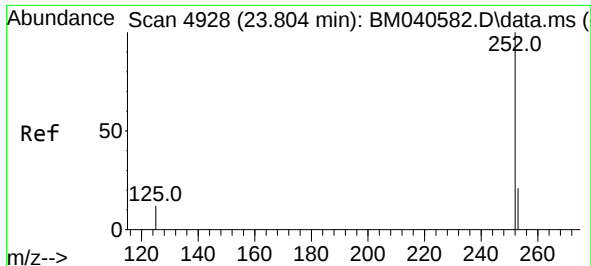


#25
Benzo(k)fluoranthene
Concen: 1.848 ng/ul m
RT: 23.207 min Scan# 4724
Delta R.T. -0.018 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10



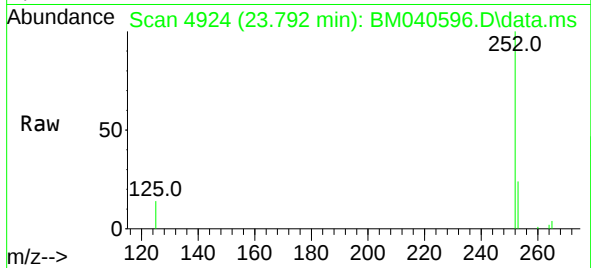
Tgt Ion:252 Resp: 95859
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 14.1 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 4.218 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

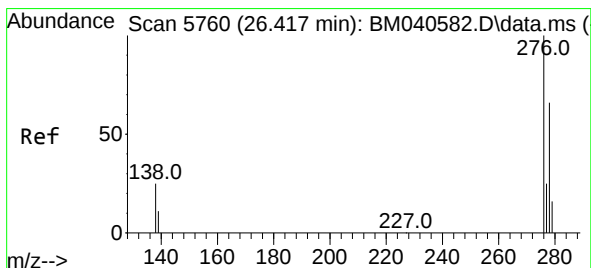
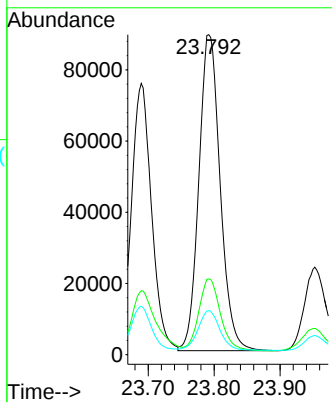
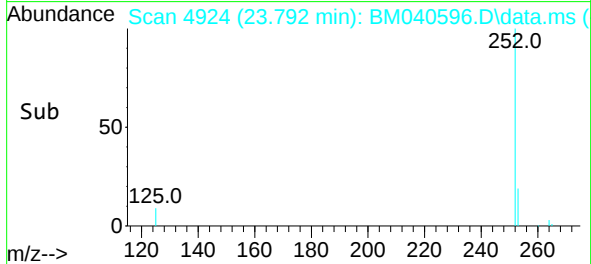
Instrument :
BNA_M
ClientSampleId :
DCGC4DL



Tgt Ion:252 Resp: 199979
Ion Ratio Lower Upper
252 100
253 23.7 22.9 34.3
125 13.8 21.0 31.4

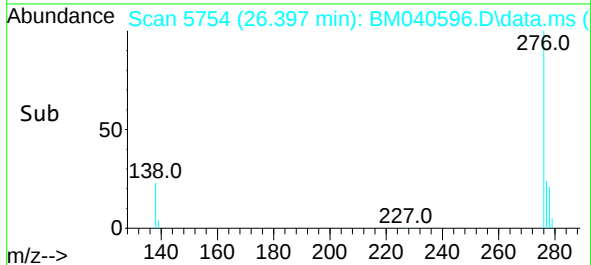
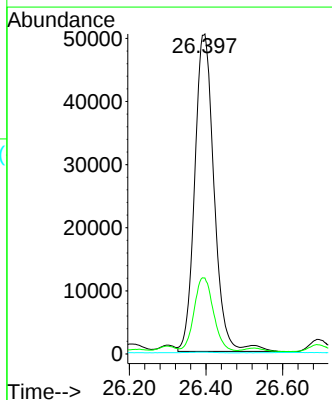
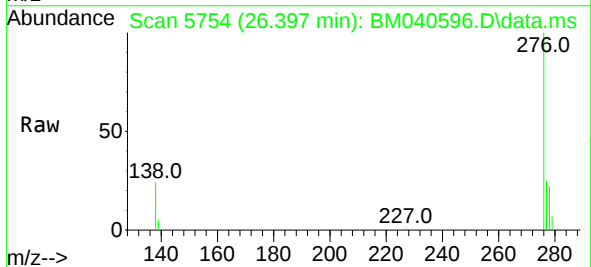
Manual Integrations
APPROVED

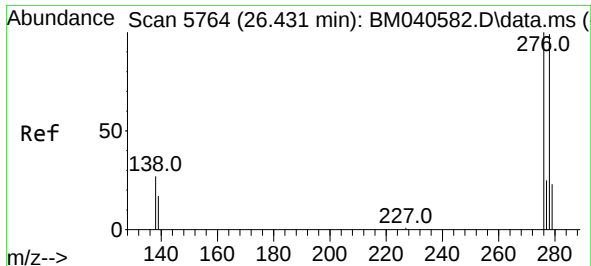
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.675 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.020 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

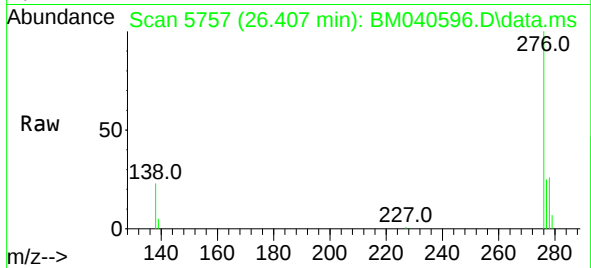
Tgt Ion:276 Resp: 176631
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.794 ng/ul
RT: 26.407 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

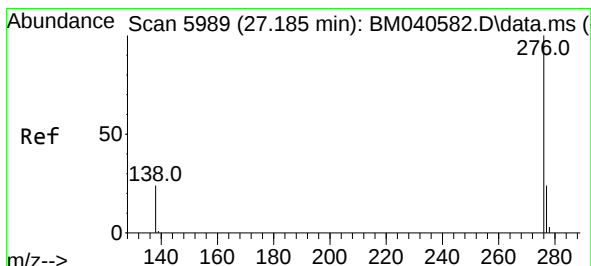
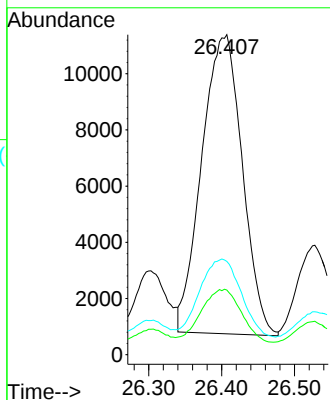
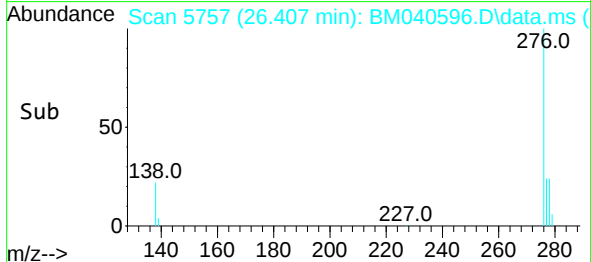
Instrument :
BNA_M
ClientSampleId :
DCGC4DL



Tgt Ion:278 Resp: 4106
Ion Ratio Lower Upper
278 100
139 20.2 17.9 26.9
279 29.2 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: 2.282 ng/ul
RT: 27.165 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040596.D
Acq: 04 Jul 2023 04:10

Tgt Ion:276 Resp: 132099
Ion Ratio Lower Upper
276 100
138 24.8 23.0 34.6
277 24.3 20.3 30.5

