

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040519.D
 Acq On : 02 Jul 2023 01:26
 Operator : MA/JU
 Sample : 03242-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA4

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:16:50 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	8226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	30386	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	17091	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	35139	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	21302	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	20097	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	43035	3.331	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	10288	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	20721	0.303	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.789	128	3941	0.047	ng/ul#	84
7) 2-Methylnaphthalene	12.400	142	2285	0.046	ng/ul	96
8) 1-Methylnaphthalene	12.620	142	1782	0.036	ng/ul	93
10) Acenaphthylene	14.295	152	18996	0.249	ng/ul	98
11) Acenaphthene	14.637	153	2594	0.040	ng/ul	98
12) Fluorene	15.623	166	2447	0.036	ng/ul#	95
15) Phenanthrene	17.362	178	65467	0.600	ng/ul	99
16) Anthracene	17.455	178	19360	0.211	ng/ul	97
19) Fluoranthene	19.380	202	318664	3.522	ng/ul	95
20) Pyrene	19.742	202	242936	2.504	ng/ul	98
21) Benzo(a)anthracene	21.486	228	185558	2.575	ng/ul	99
22) Chrysene	21.538	228	186116	2.264	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	254117	3.267	ng/ul	90
25) Benzo(k)fluoranthene	23.222	252	86858m	1.133	ng/ul	
26) Benzo(a)pyrene	23.806	252	152304	2.174	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.417	276	110828	1.136	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.427	278	32428	0.424	ng/ul	91
29) Benzo(g,h,i)perylene	27.192	276	96332	1.126	ng/ul	98

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

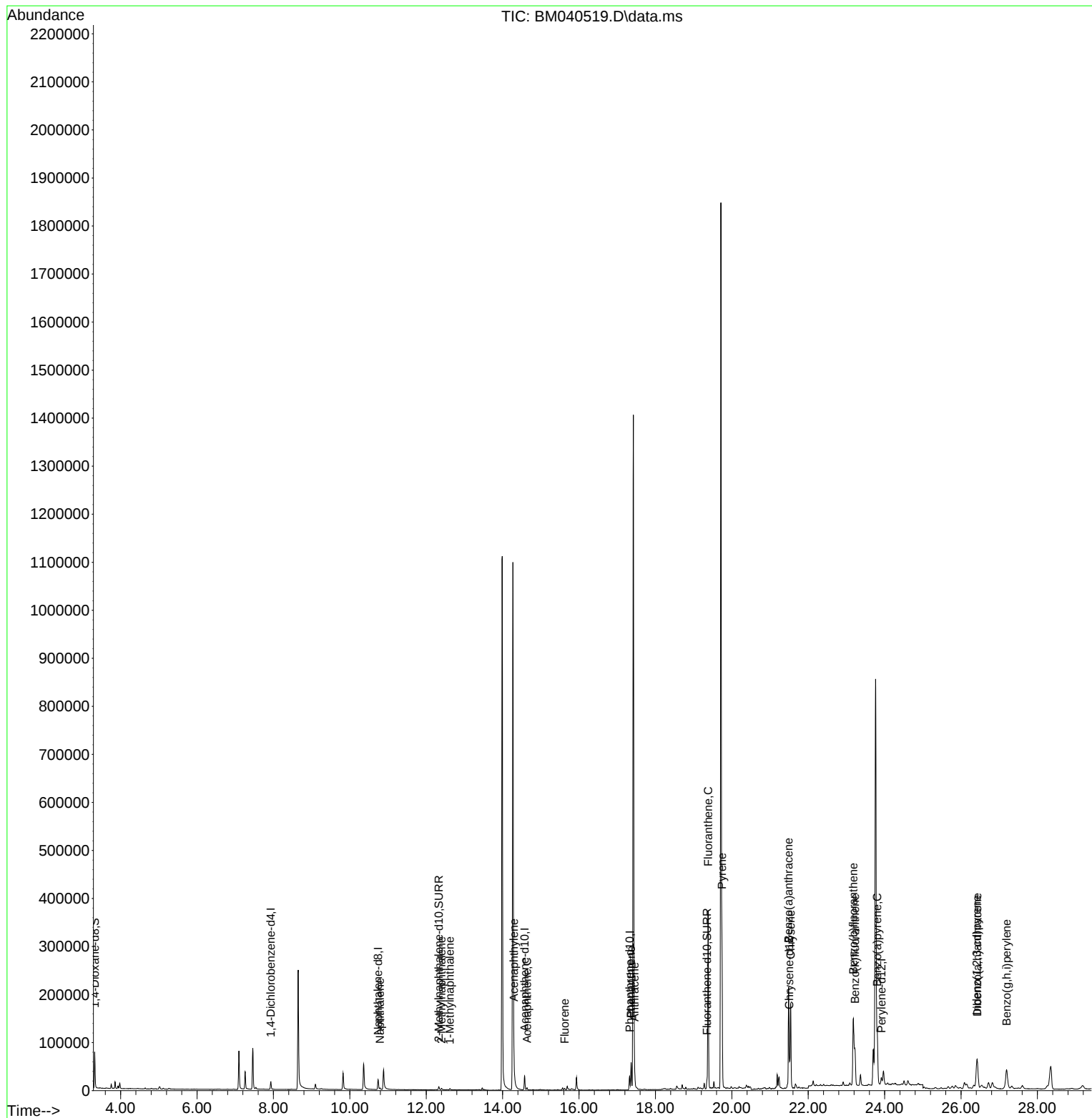
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040519.D
Acq On : 02 Jul 2023 01:26
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ALS Vial : 25 Sample Multiplier: 1

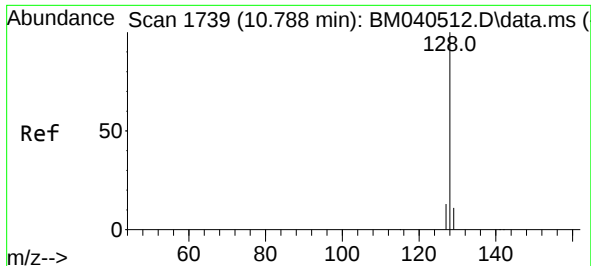
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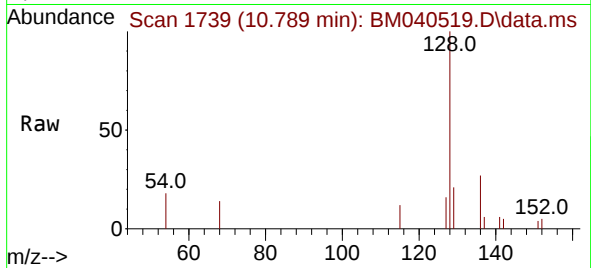
Quant Time: Jul 02 05:16:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

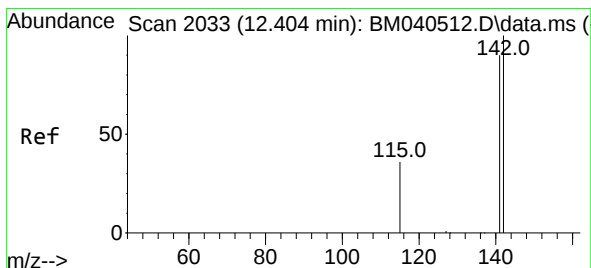
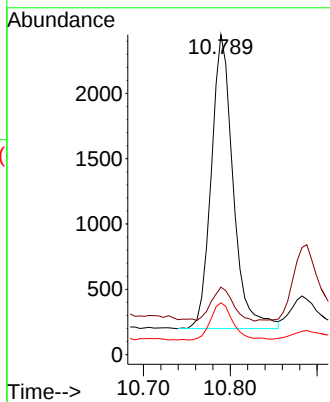
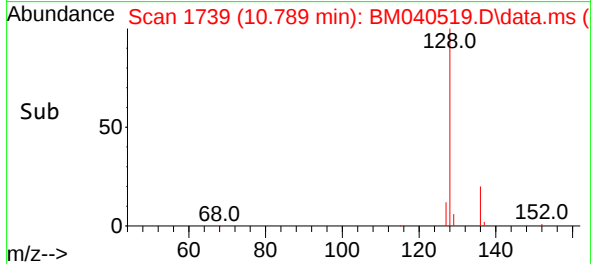
Instrument :
BNA_M
ClientSampleId :
DCGA4



Tgt Ion:128 Resp: 394
Ion Ratio Lower Upper
128 100
129 21.1 9.2 13.8
127 16.2 10.6 15.8

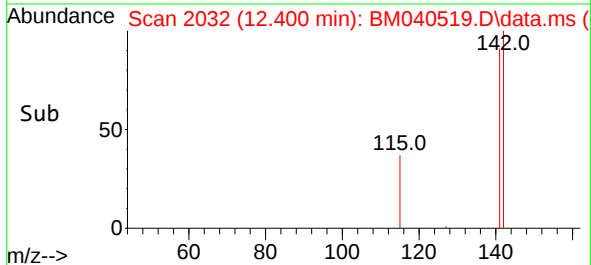
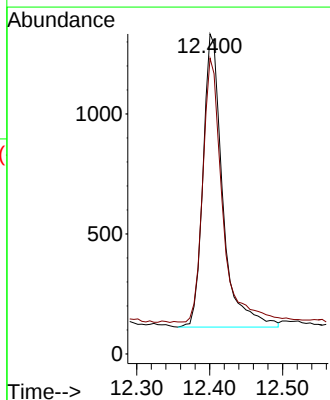
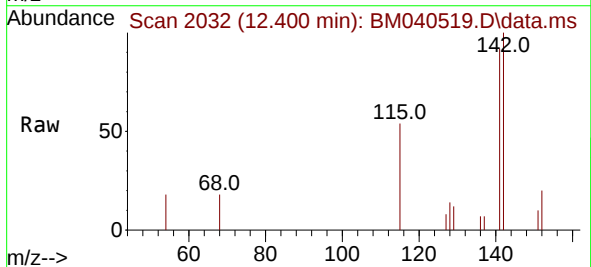
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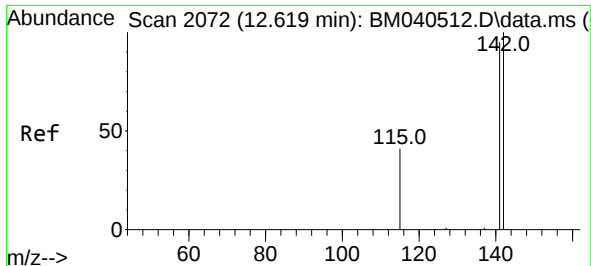
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

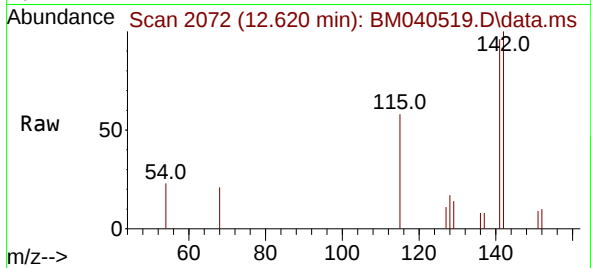
Tgt Ion:142 Resp: 2285
Ion Ratio Lower Upper
142 100
141 94.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

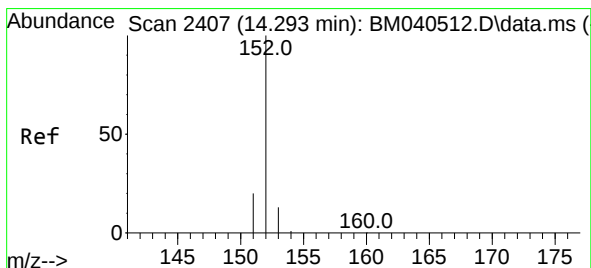
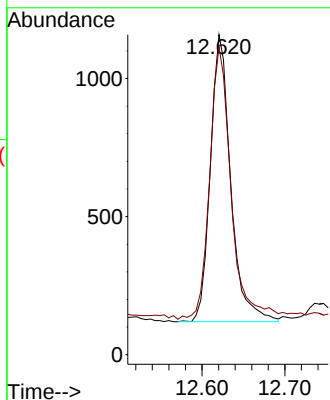
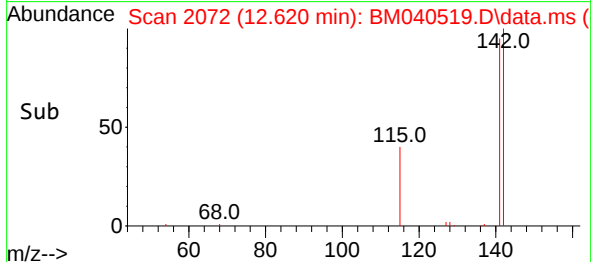
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1782
Ion Ratio Lower Upper
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141 99.2 73.7 110.5

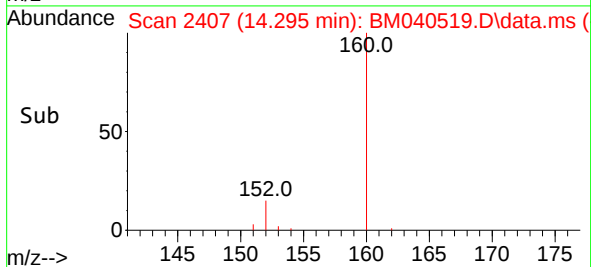
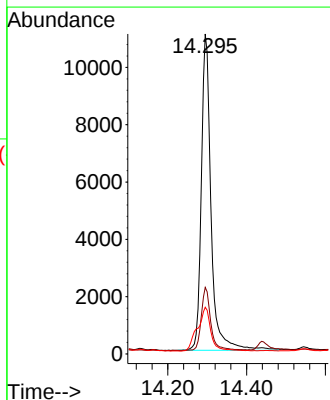
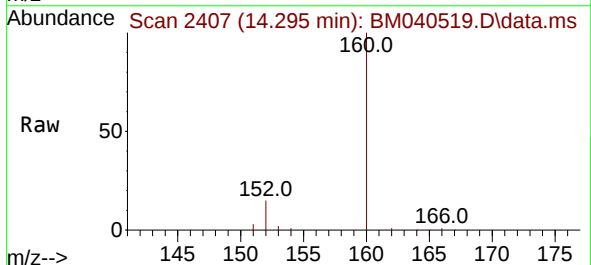
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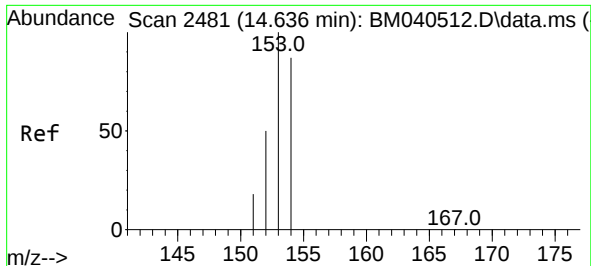
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.249 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

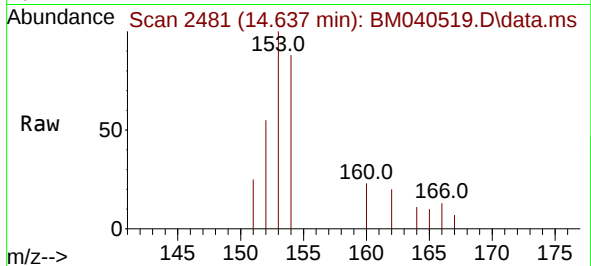
Tgt Ion:152 Resp: 18996
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

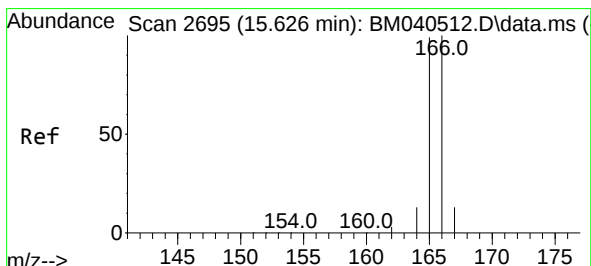
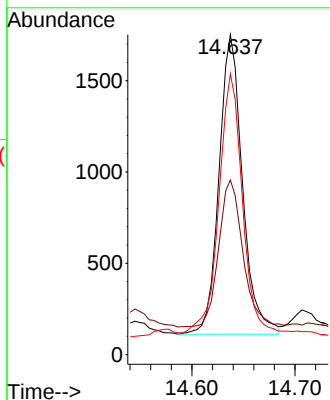
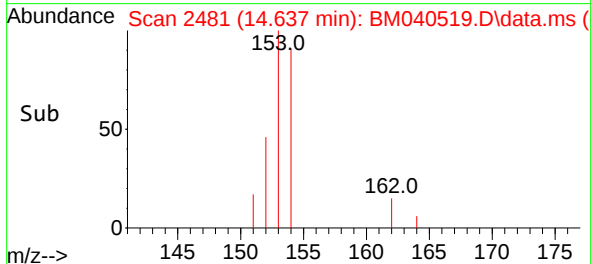
Instrument :
BNA_M
ClientSampleId :
DCGA4



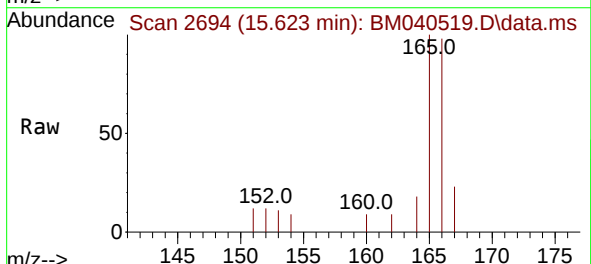
Tgt Ion:153 Resp: 2594
Ion Ratio Lower Upper
153 100
152 54.6 41.0 61.4
154 87.7 70.8 106.2

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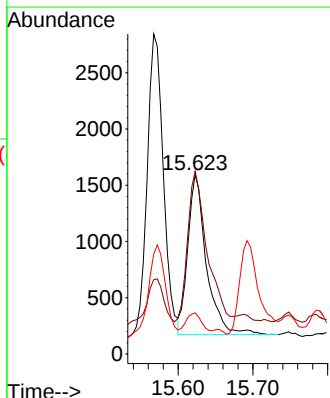
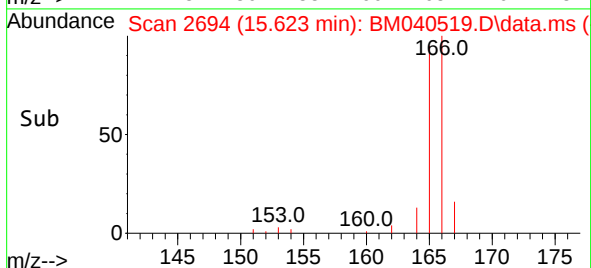
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

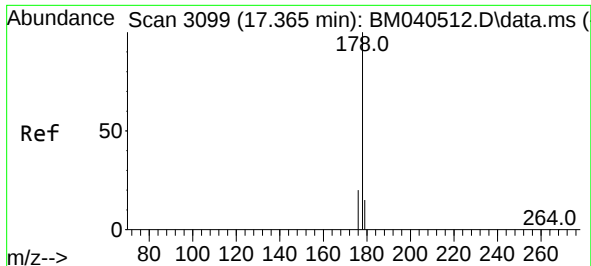


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26



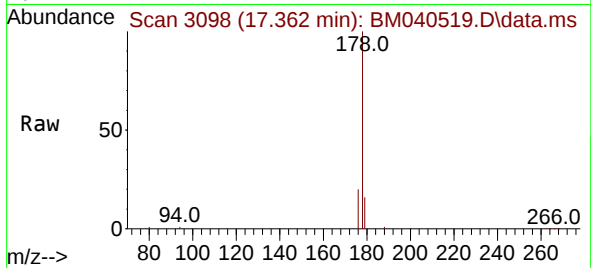
Tgt Ion:166 Resp: 2447
Ion Ratio Lower Upper
166 100
165 101.9 79.6 119.4
167 22.9 11.4 17.0#





#15
Phenanthrene
Concen: 0.600 ng/u1
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

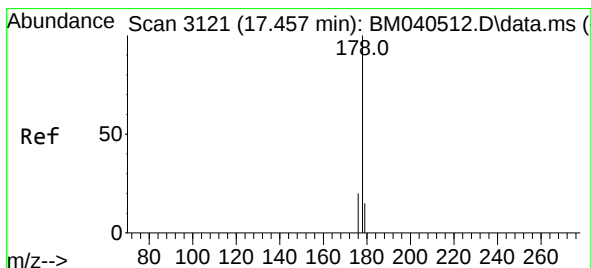
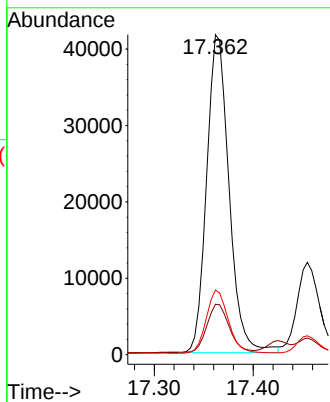
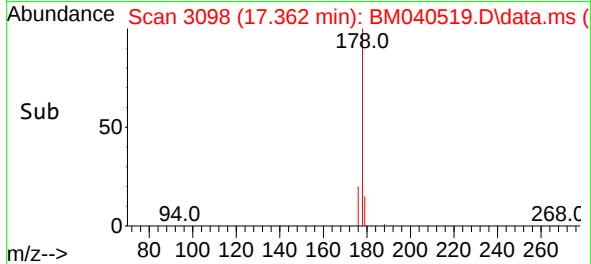
Instrument :
BNA_M
ClientSampleId :
DCGA4



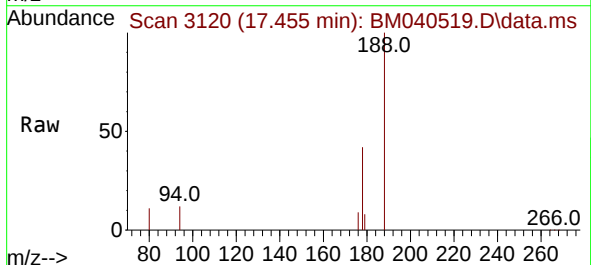
Tgt Ion:178 Resp: 6546
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.2 16.4 24.6

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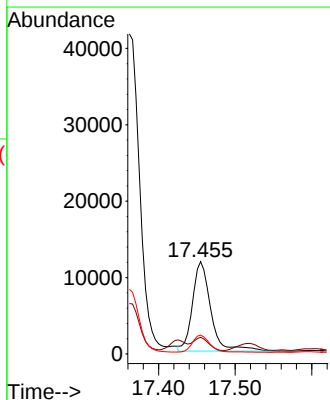
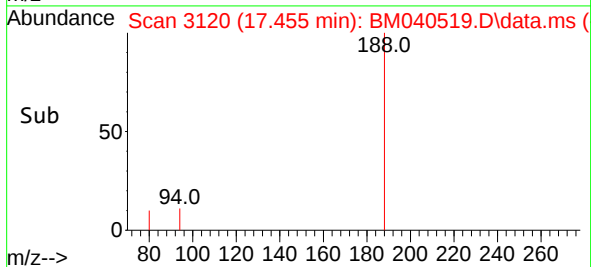
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

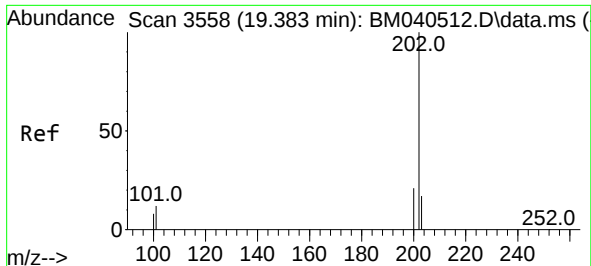


#16
Anthracene
Concen: 0.211 ng/u1
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26



Tgt Ion:178 Resp: 19360
Ion Ratio Lower Upper
178 100
179 18.0 12.9 19.3
176 20.4 15.8 23.6





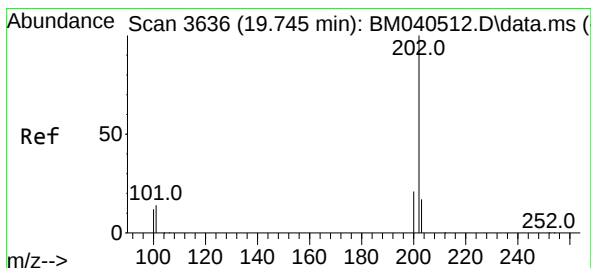
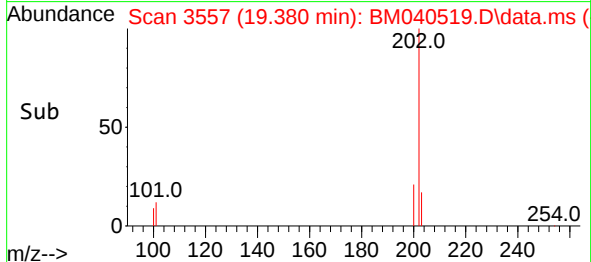
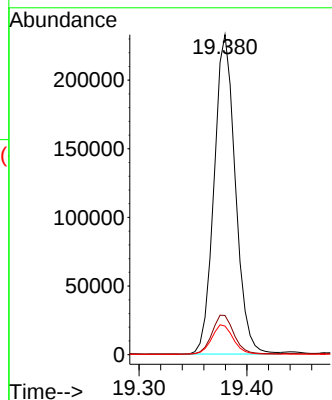
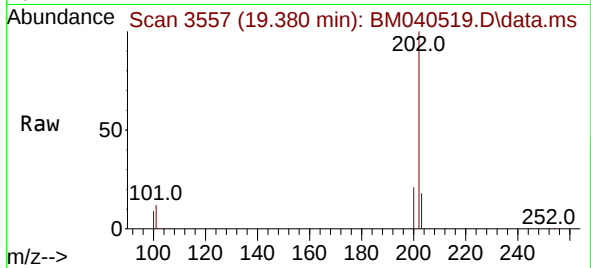
#19
Fluoranthene
Concen: 3.522 ng/ul
RT: 19.380 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

Instrument :
BNA_M
ClientSampleId :
DCGA4

Tgt Ion:202 Resp: 318664
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 9.0 8.7 13.1

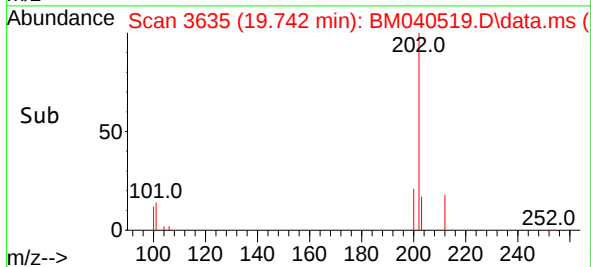
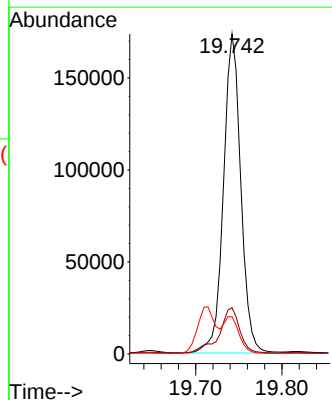
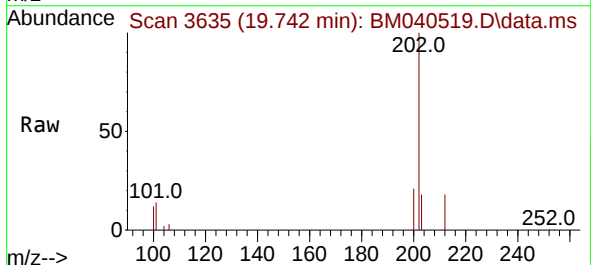
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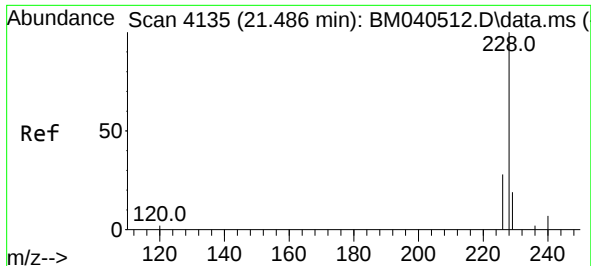
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 2.504 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

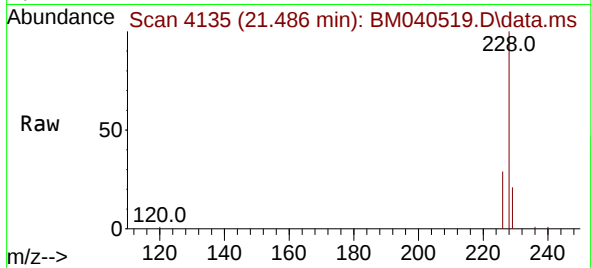
Tgt Ion:202 Resp: 242936
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.575 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

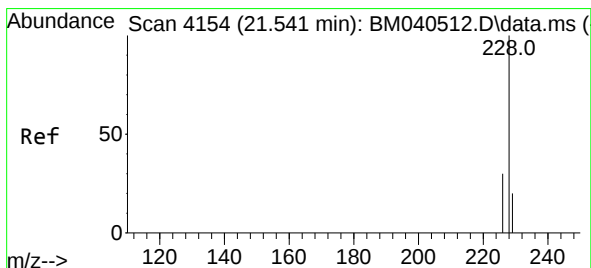
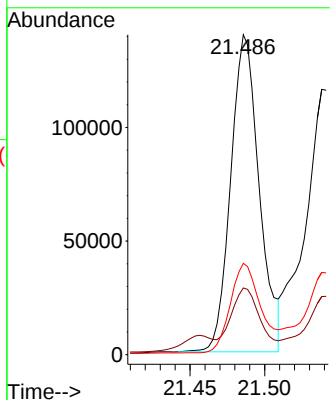
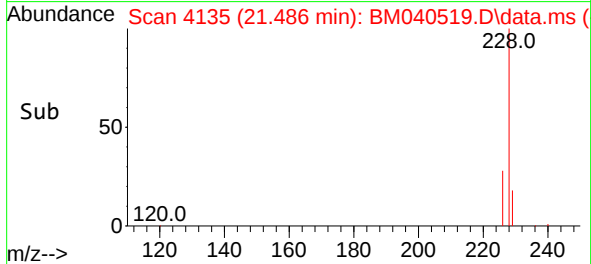
Instrument :
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DCGA4



Tgt Ion:228 Resp: 185558
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.5 22.3 33.5

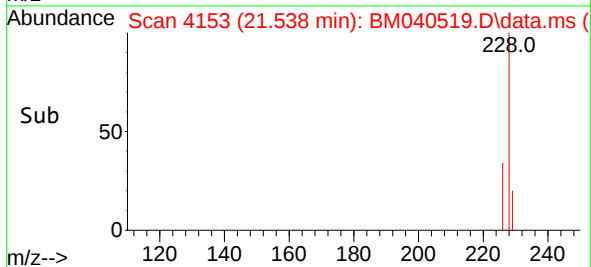
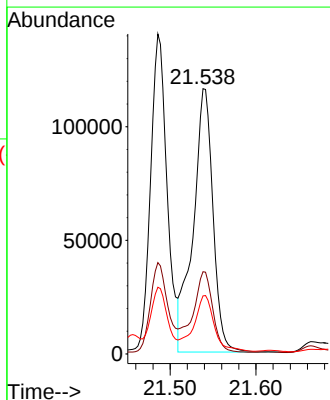
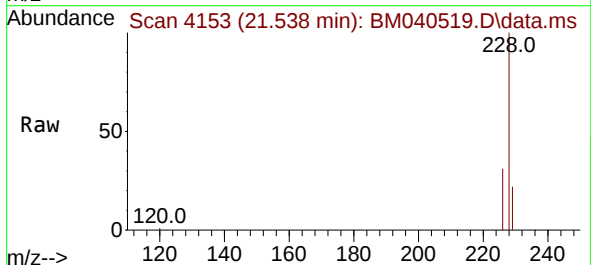
Manual Integrations
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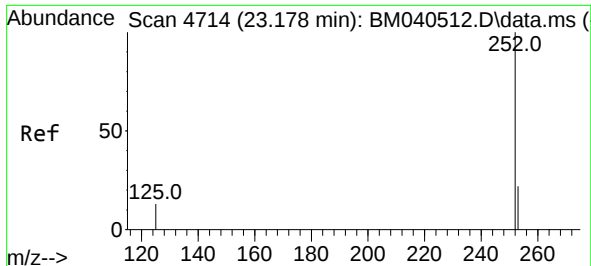
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 2.264 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

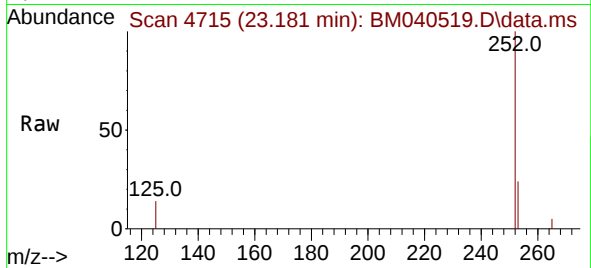
Tgt Ion:228 Resp: 186116
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.267 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

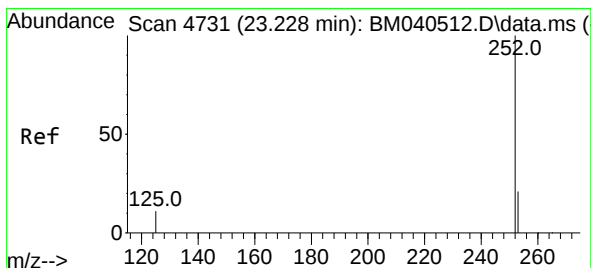
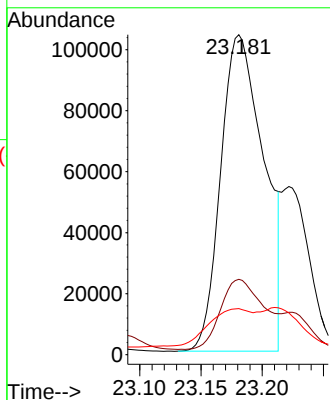
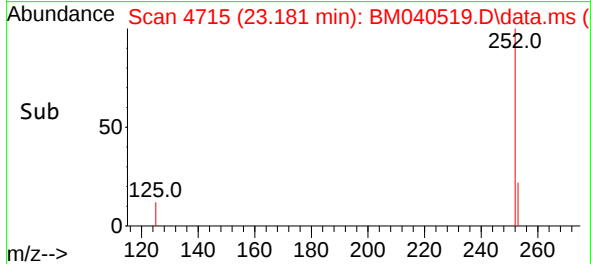
Instrument :
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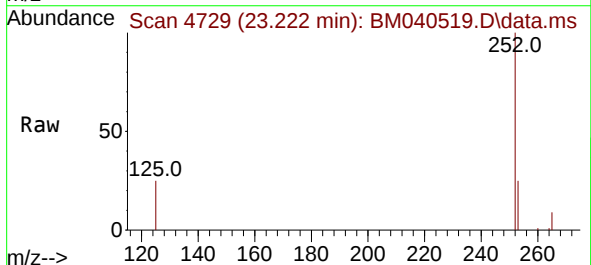
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Ion Ratio Lower Upper
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253 23.5 0.0 52.8
125 14.4 0.0 43.0

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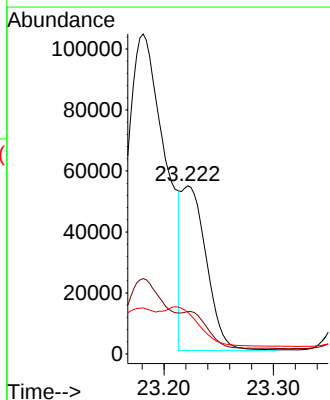
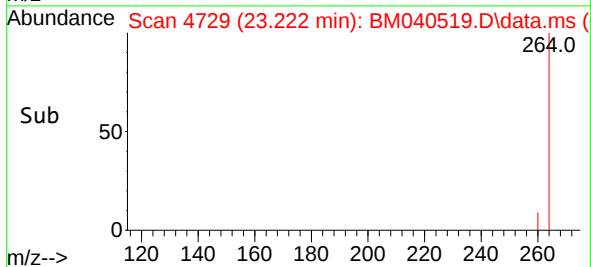
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

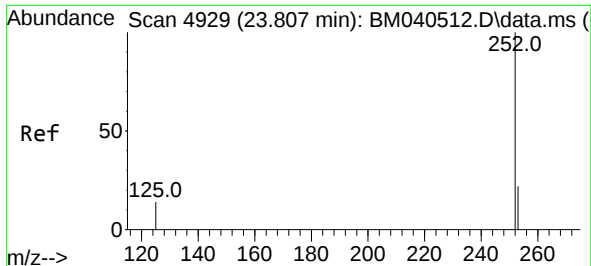


#25
Benzo(k)fluoranthene
Concen: 1.133 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26



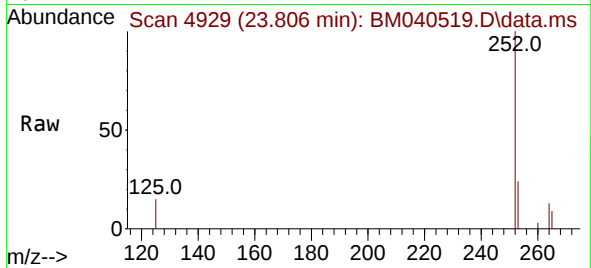
Tgt Ion:252 Resp: 86858
Ion Ratio Lower Upper
252 100
253 25.2 21.2 31.8
125 24.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.174 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

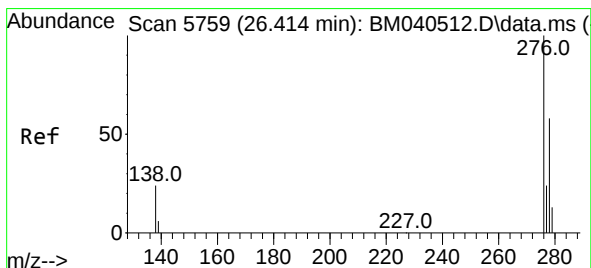
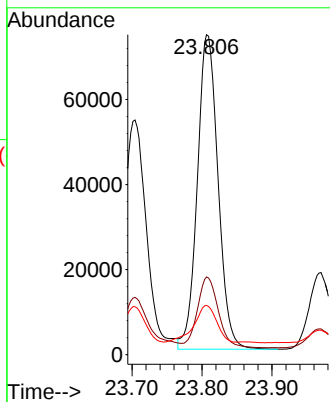
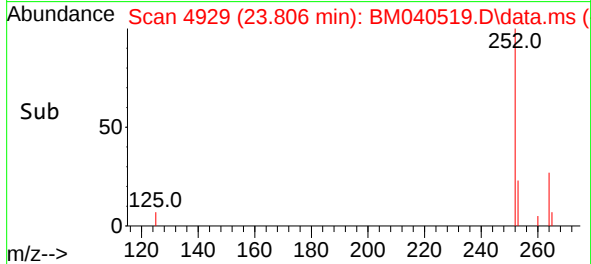
Instrument :
BNA_M
ClientSampleId :
DCGA4



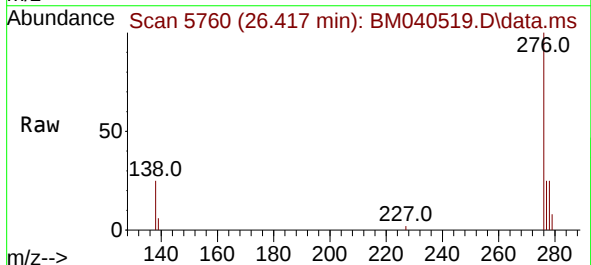
Tgt Ion:252 Resp: 152304
Ion Ratio Lower Upper
252 100
253 24.3 22.9 34.3
125 15.4 21.0 31.4

Manual Integrations
APPROVED

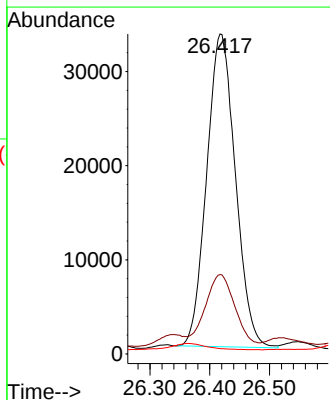
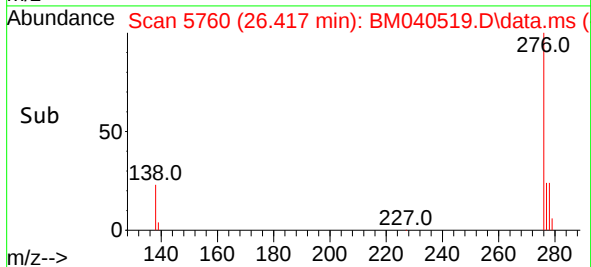
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

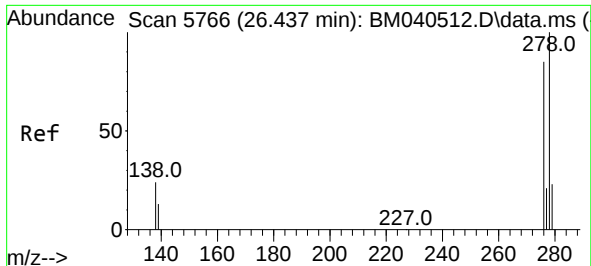


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.136 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26



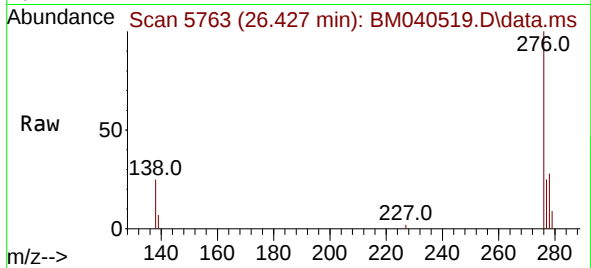
Tgt Ion:276 Resp: 110828
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26

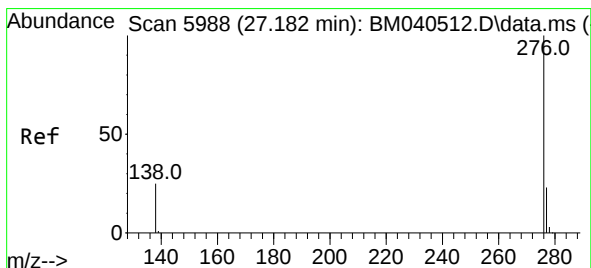
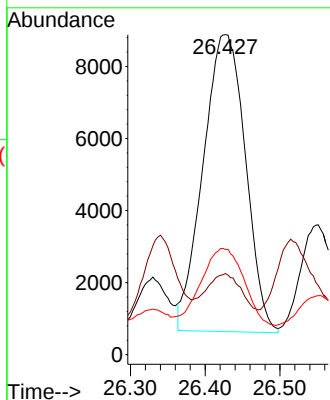
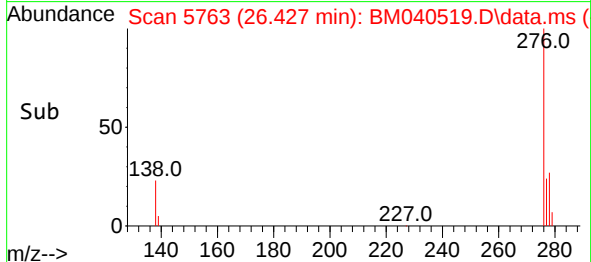
Instrument :
BNA_M
ClientSampleId :
DCGA4



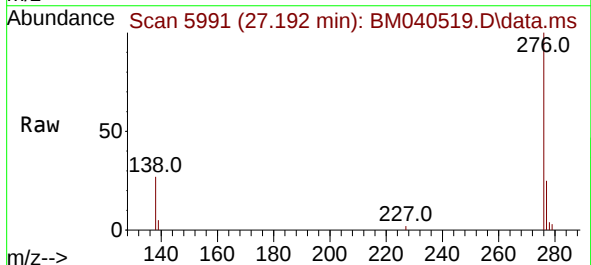
Tgt Ion:278 Resp: 32428
Ion Ratio Lower Upper
278 100
139 25.4 17.9 26.9
279 32.9 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.126 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040519.D
Acq: 02 Jul 2023 01:26



Tgt Ion:276 Resp: 96332
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.6
277 25.0 20.3 30.5

