

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040501.D
 Acq On : 01 Jul 2023 13:40
 Operator : MA/JU
 Sample : 03161-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 23:47:15 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 : 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	8730	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	31546	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	15316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	29297	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	17994	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	17069	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3314	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	791	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	1159	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	6177	0.071	ng/ul#	93
7) 2-Methylnaphthalene	12.406	142	3811	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	2768	0.054	ng/ul	99
10) Acenaphthylene	14.300	152	16795	0.245	ng/ul	98
12) Fluorene	15.627	166	1726	0.028	ng/ul#	88
15) Phenanthrene	17.366	178	42631	0.468	ng/ul	99
16) Anthracene	17.459	178	10379	0.136	ng/ul	95
19) Fluoranthene	19.380	202	113694	1.487	ng/ul	97
20) Pyrene	19.742	202	92868	1.133	ng/ul	99
21) Benzo(a)anthracene	21.488	228	47412	0.779	ng/ul	96
22) Chrysene	21.541	228	51148	0.737	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	73265	1.109	ng/ul	94
25) Benzo(k)fluoranthene	23.225	252	27811m	0.427	ng/ul	
26) Benzo(a)pyrene	23.806	252	40071	0.673	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.417	276	32555	0.393	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.420	278	8351	0.129	ng/ul#	78
29) Benzo(g,h,i)perylene	27.192	276	28345	0.390	ng/ul	98

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

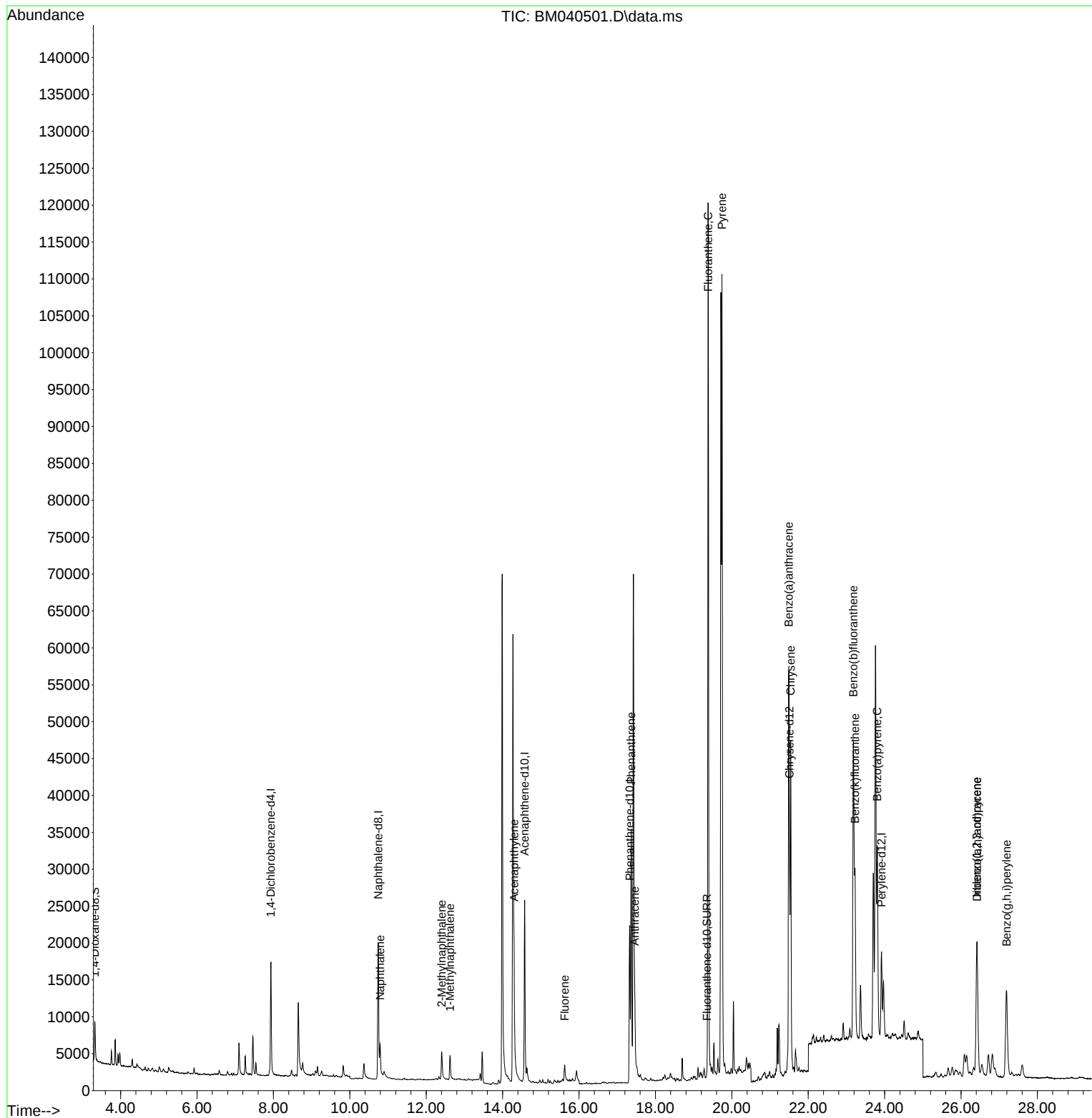
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
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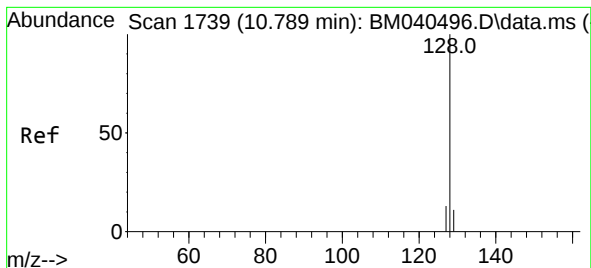
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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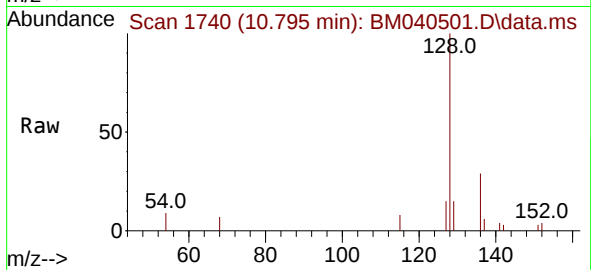
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.795 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

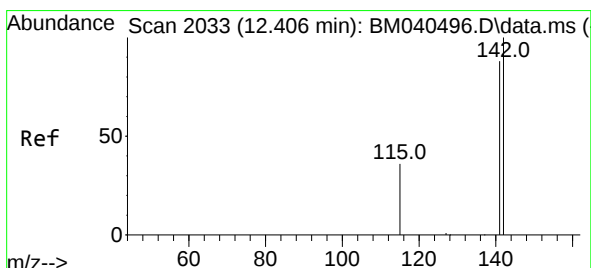
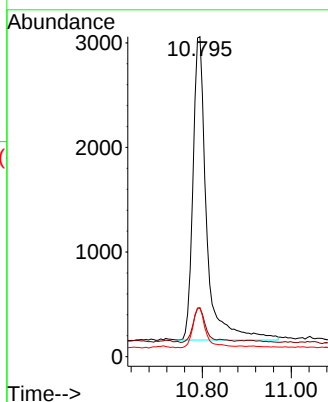
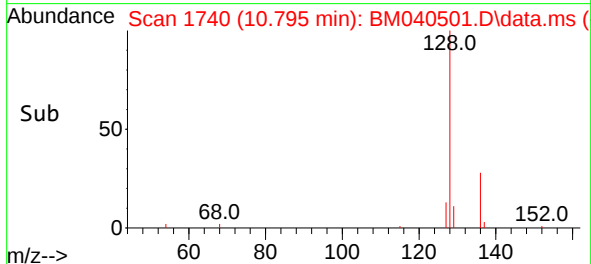
Instrument :
BNA_M
ClientSampleId :
DCF4DL



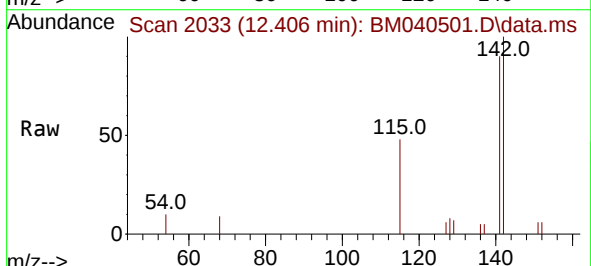
Tgt Ion:128 Resp: 617
Ion Ratio Lower Upper
128 100
129 15.2 9.2 13.8
127 15.4 10.6 15.8

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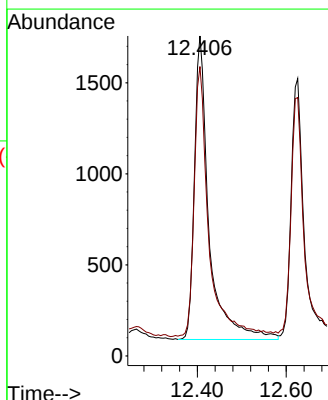
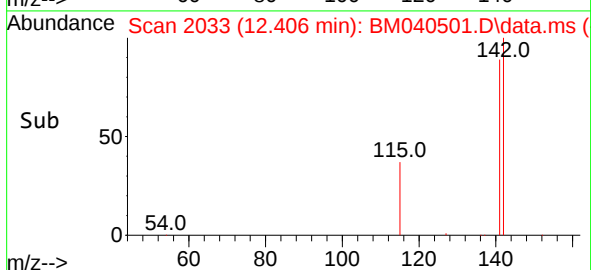
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

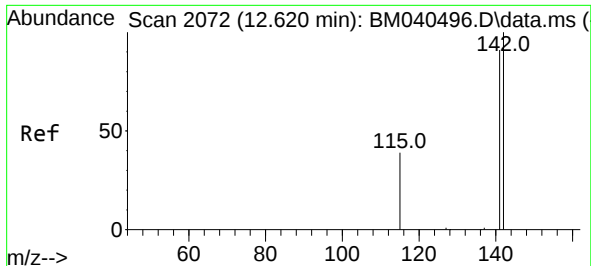


#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40



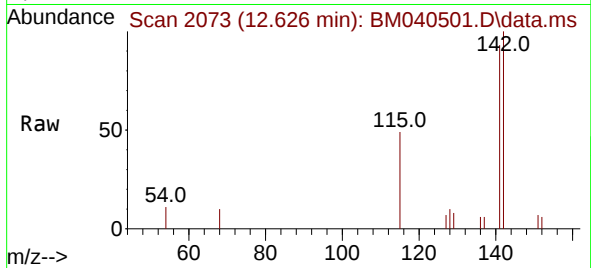
Tgt Ion:142 Resp: 3811
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.626 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

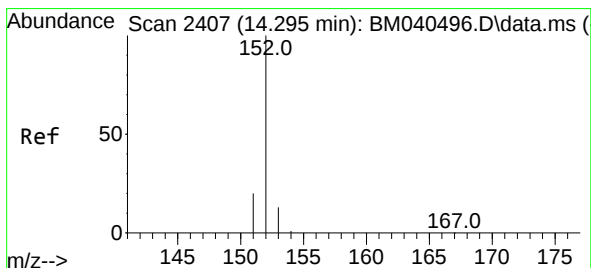
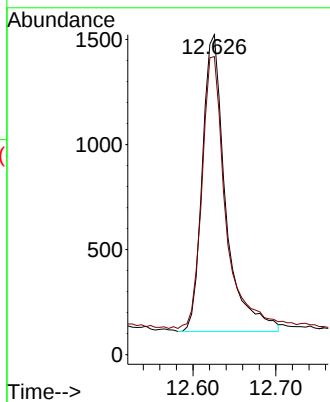
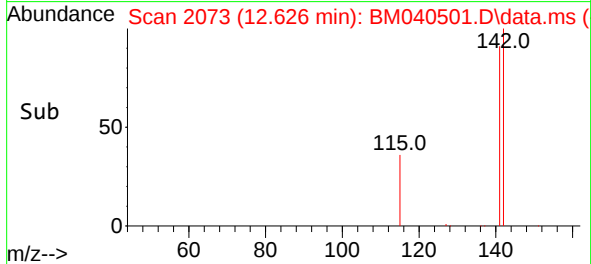
Instrument :
BNA_M
ClientSampleId :
DCF4DL



Tgt Ion:142 Resp: 2768
Ion Ratio Lower Upper
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141 92.7 73.7 110.5

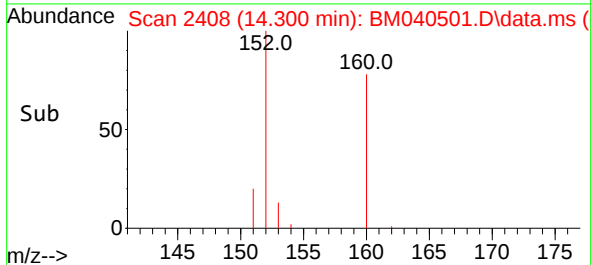
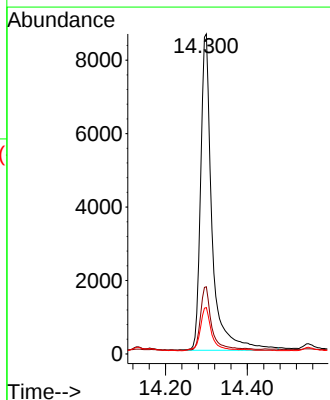
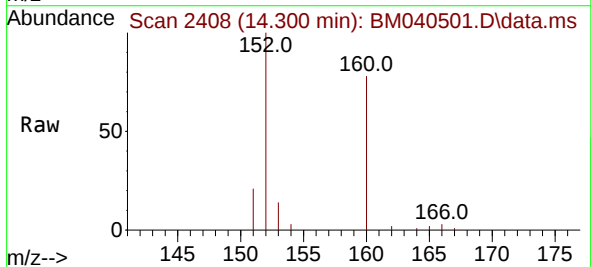
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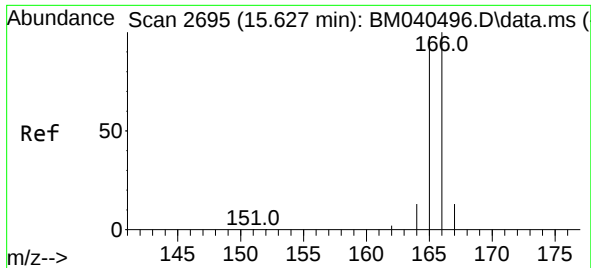
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.245 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

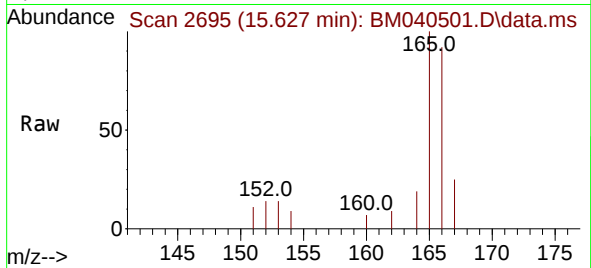
Tgt Ion:152 Resp: 16795
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.5 10.9 16.3





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

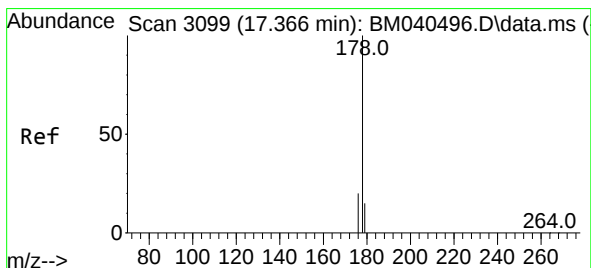
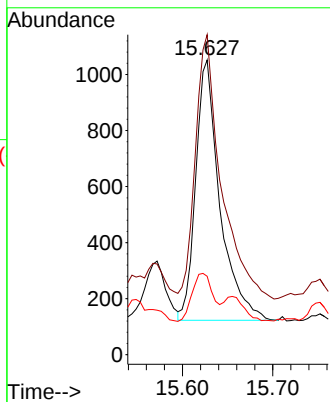
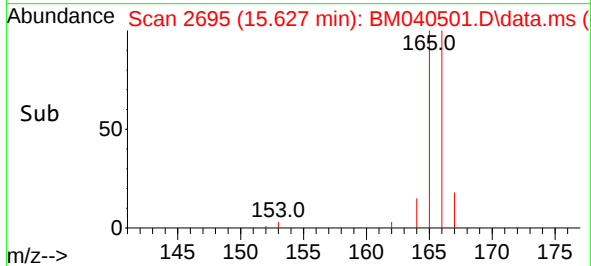
Instrument :
BNA_M
ClientSampleId :
DCF4DL



Tgt Ion:166 Resp: 1720
Ion Ratio Lower Upper
166 100
165 108.6 79.6 119.4
167 26.6 11.4 17.0

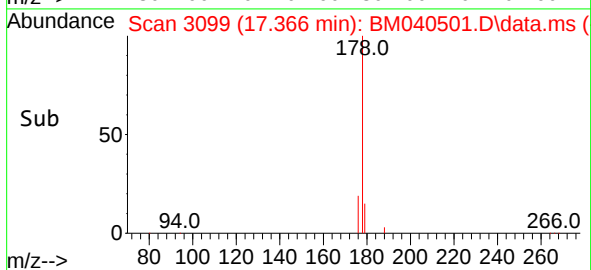
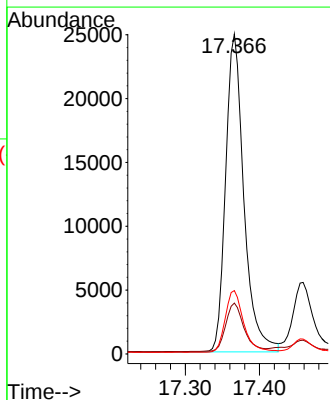
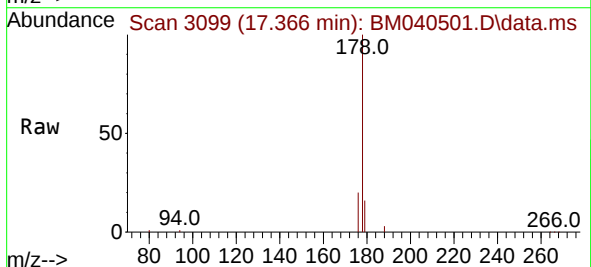
Manual Integrations
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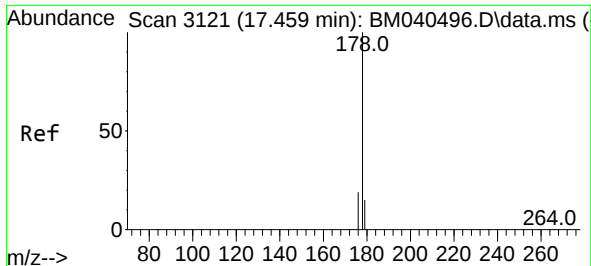
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

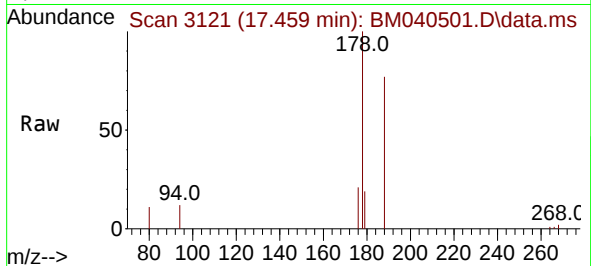
Tgt Ion:178 Resp: 42631
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.8 16.4 24.6





#16
 Anthracene
 Concen: 0.136 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040501.D
 Acq: 01 Jul 2023 13:40

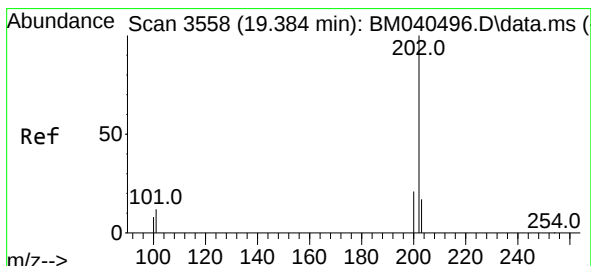
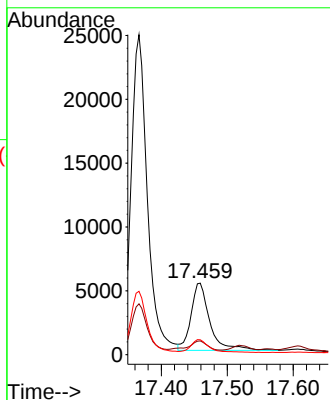
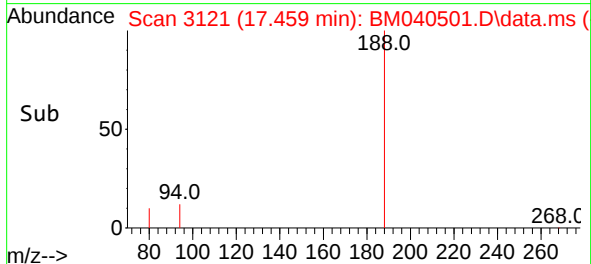
Instrument :
 BNA_M
 ClientSampleId :
 DCFW4DL



Tgt Ion:178 Resp: 10379
 Ion Ratio Lower Upper
 178 100
 179 19.2 12.9 19.3
 176 20.9 15.8 23.6

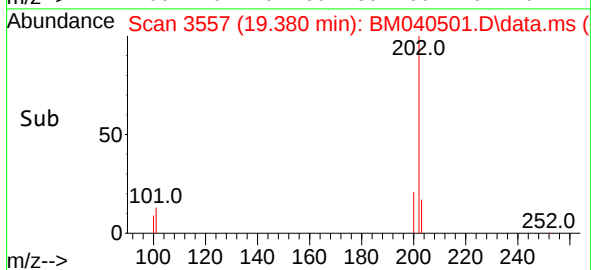
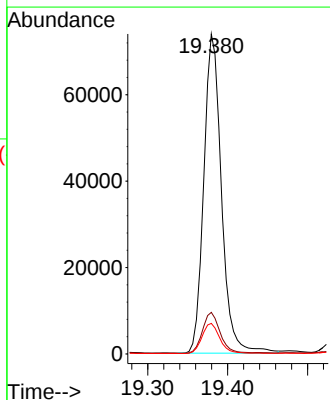
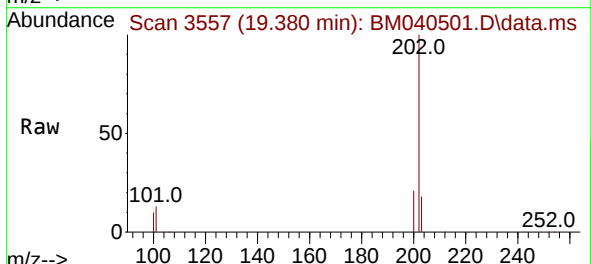
Manual Integrations
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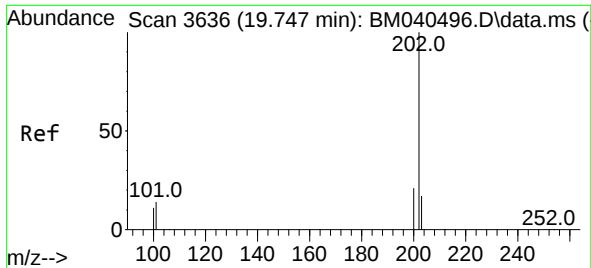
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 1.487 ng/ul
 RT: 19.380 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BM040501.D
 Acq: 01 Jul 2023 13:40

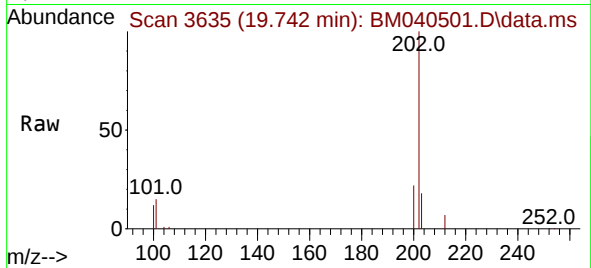
Tgt Ion:202 Resp: 113694
 Ion Ratio Lower Upper
 202 100
 101 13.0 11.4 17.0
 100 9.6 8.7 13.1





#20
Pyrene
Concen: 1.133 ng/ul
RT: 19.742 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

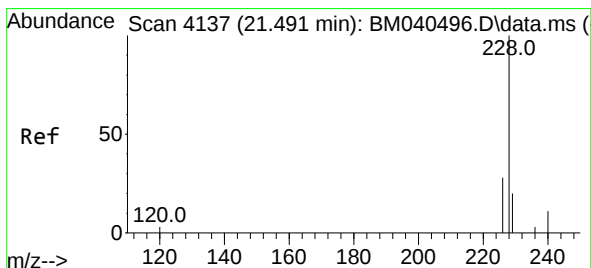
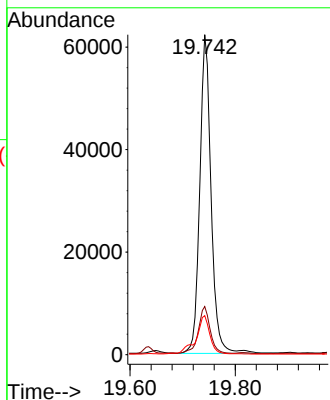
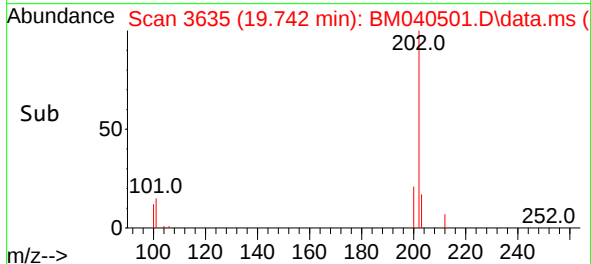
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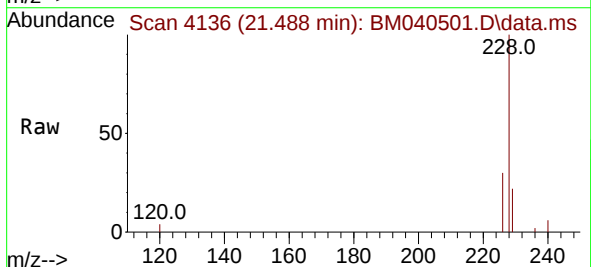
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Ion Ratio Lower Upper
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101 15.1 12.6 18.8
100 12.2 9.8 14.6

Manual Integrations
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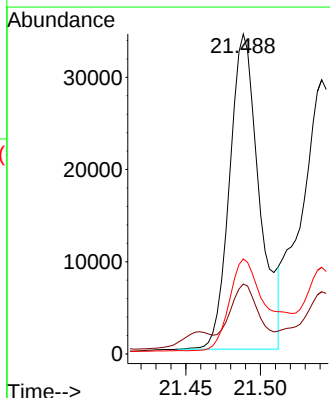
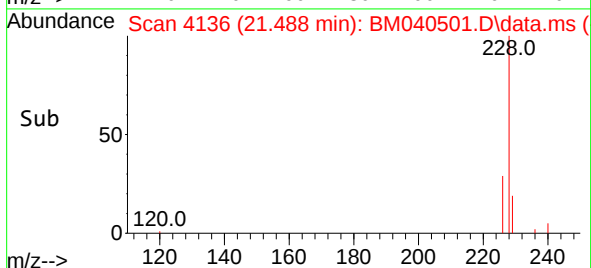
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Supervised By :Sohil Jodhani 07/02/2023

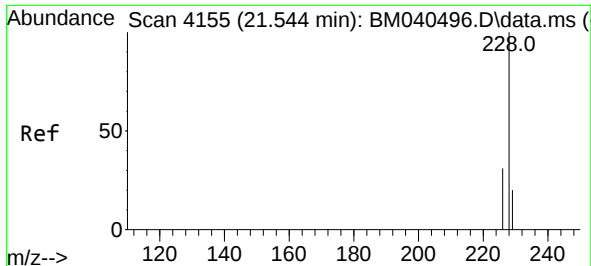


#21
Benzo(a)anthracene
Concen: 0.779 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40



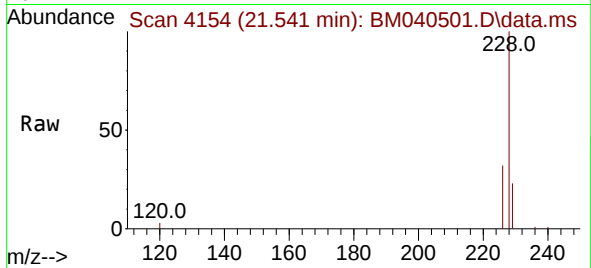
Tgt Ion:228 Resp: 47412
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 29.7 22.3 33.5





#22
Chrysene
Concen: 0.737 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

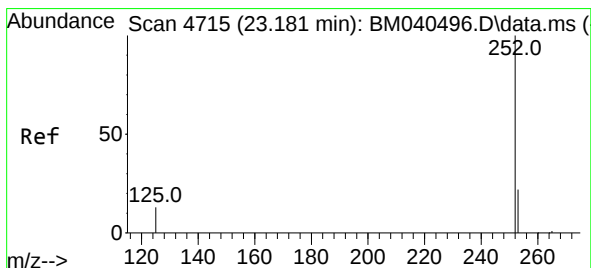
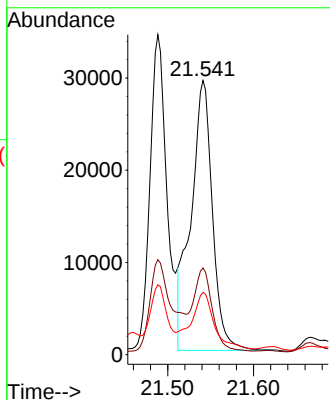
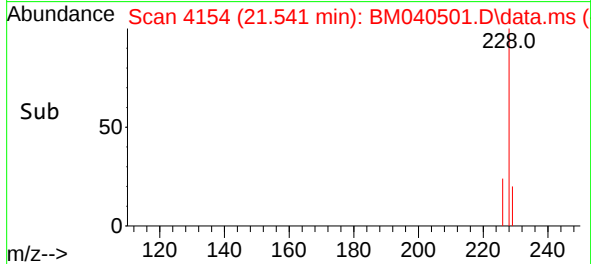
Instrument :
BNA_M
ClientSampleId :
DCF4DL



Tgt Ion:228 Resp: 51148
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.7 15.8 23.6

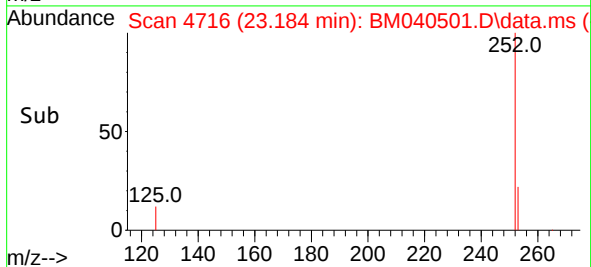
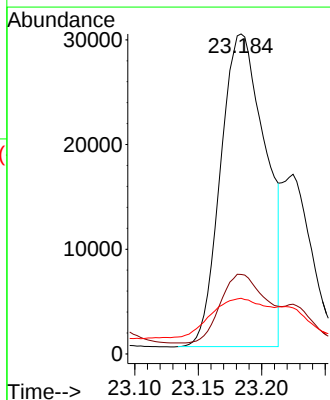
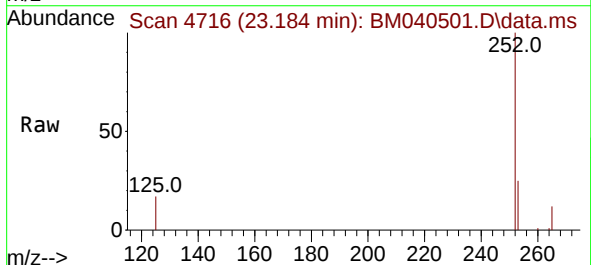
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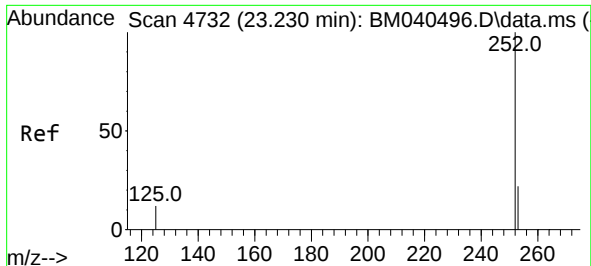
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#24
Benzo(b)fluoranthene
Concen: 1.109 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

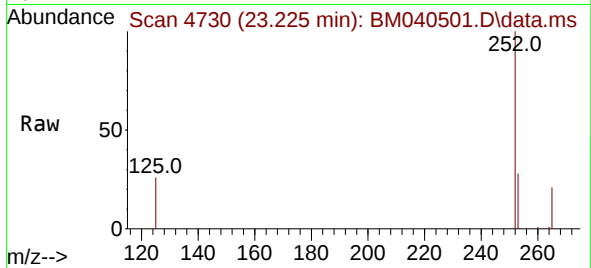
Tgt Ion:252 Resp: 73265
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 17.4 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul m
RT: 23.225 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

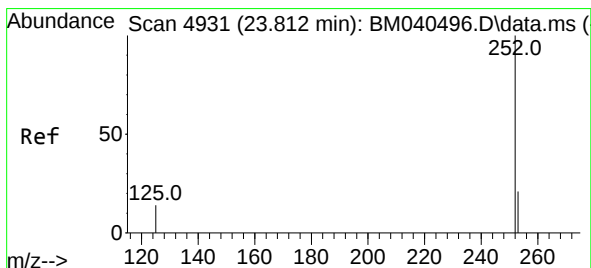
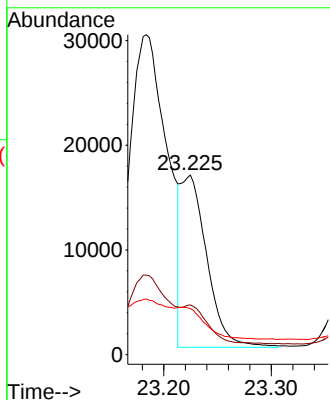
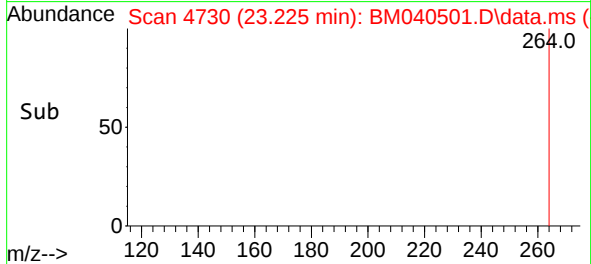
Instrument :
BNA_M
ClientSampleId :
DCF4DL



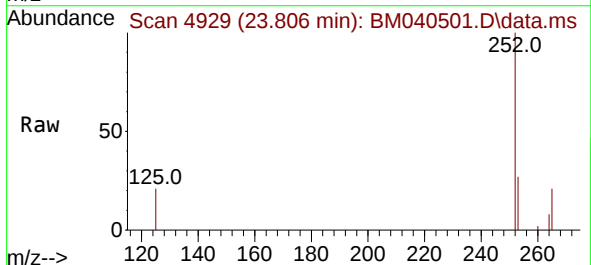
Tgt Ion:252 Resp: 2781
Ion Ratio Lower Upper
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253 27.7 21.2 31.8
125 25.7 16.4 24.6

Manual Integrations
APPROVED

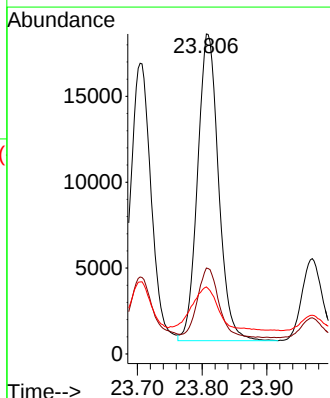
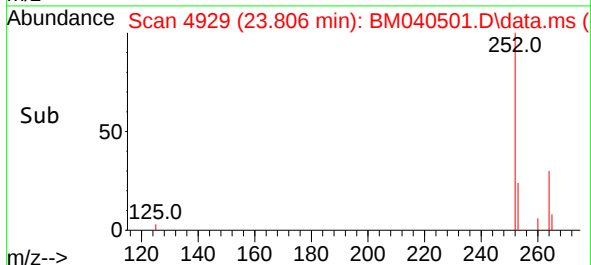
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

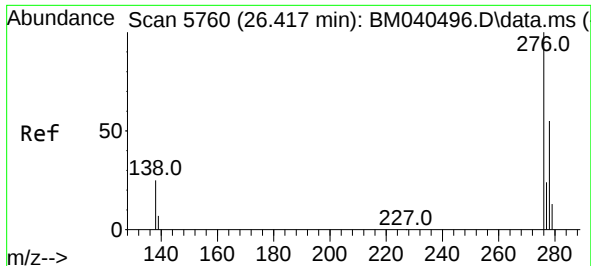


#26
Benzo(a)pyrene
Concen: 0.673 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40



Tgt Ion:252 Resp: 40071
Ion Ratio Lower Upper
252 100
253 26.8 22.9 34.3
125 21.0 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng/ul

RT: 26.417 min Scan# 5760

Delta R.T. -0.003 min

Lab File: BM040501.D

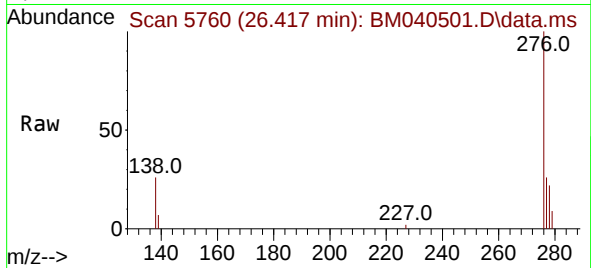
Acq: 01 Jul 2023 13:40

Instrument :

BNA_M

ClientSampleId :

DCF4DL



Tgt Ion: 276 Resp: 3255

Ion Ratio Lower Upper

276 100

138 24.1 24.5 36.7

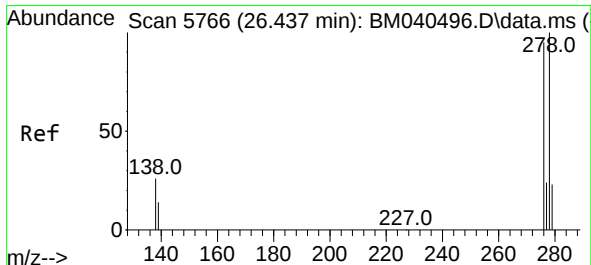
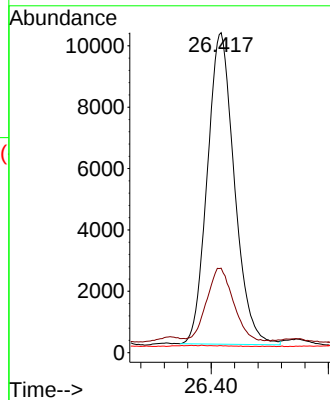
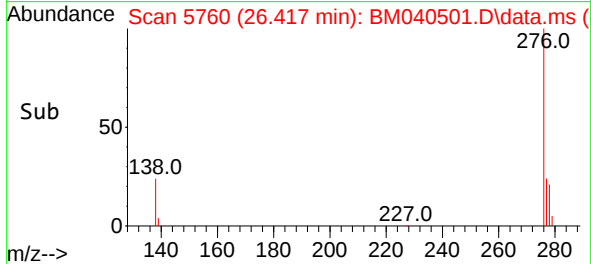
227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.129 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. -0.017 min

Lab File: BM040501.D

Acq: 01 Jul 2023 13:40

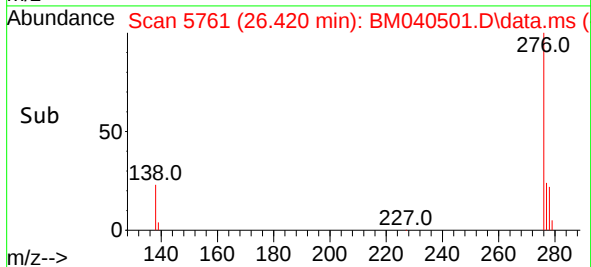
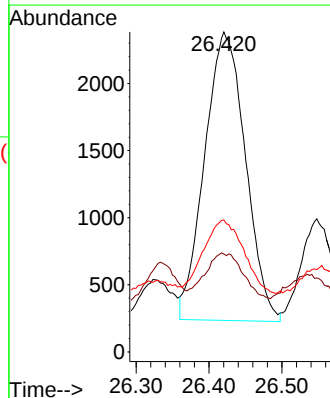
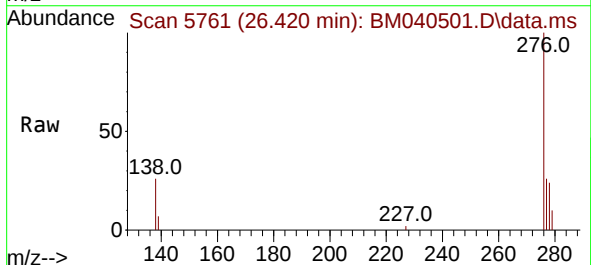
Tgt Ion: 278 Resp: 8351

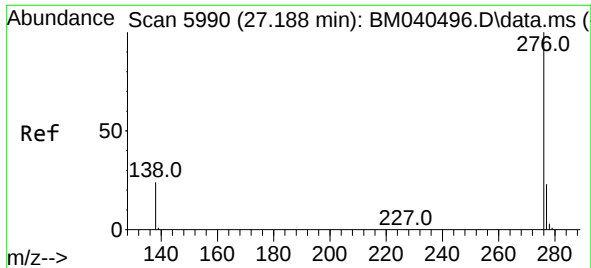
Ion Ratio Lower Upper

278 100

139 30.6 17.9 26.9

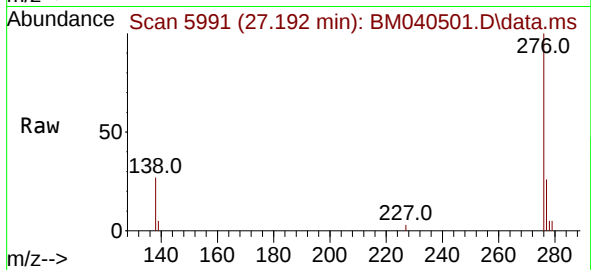
279 41.2 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Instrument :
BNA_M
ClientSampleId :
DCF4DL



Tgt Ion: 276 Resp: 2834
Ion Ratio Lower Upper
276 100
138 27.4 23.0 34.6
277 26.2 20.3 30.5

Manual Integrations
APPROVED

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

