

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040570.D
 Acq On : 03 Jul 2023 11:49
 Operator : MA/JU
 Sample : 03245-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGH9

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:54:30 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	7.924	152	7143	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	25563	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.568	164	11997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	22758	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	13036	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	14445	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	21443	1.911	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	4785	0.134	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	6330	0.151	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	2411	0.034	ng/ul#	79
7) 2-Methylnaphthalene	12.395	142	1617	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.615	142	1184	0.029	ng/ul	99
10) Acenaphthylene	14.286	152	2617	0.049	ng/ul#	81
11) Acenaphthene	14.628	153	996	0.022	ng/ul#	92
15) Phenanthrene	17.358	178	18513	0.262	ng/ul	98
16) Anthracene	17.450	178	2558	0.043	ng/ul#	83
19) Fluoranthene	19.375	202	46567	0.841	ng/ul	98
20) Pyrene	19.737	202	37236	0.627	ng/ul	99
21) Benzo(a)anthracene	21.486	228	19902	0.451	ng/ul#	88
22) Chrysene	21.538	228	26622m	0.529	ng/ul	
24) Benzo(b)fluoranthene	23.178	252	43074	0.771	ng/ul	89
25) Benzo(k)fluoranthene	23.222	252	12016m	0.218	ng/ul	
26) Benzo(a)pyrene	23.806	252	23399	0.465	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.417	276	23814	0.340	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.424	278	5684	0.104	ng/ul#	40
29) Benzo(g,h,i)perylene	27.192	276	23452	0.382	ng/ul	93

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

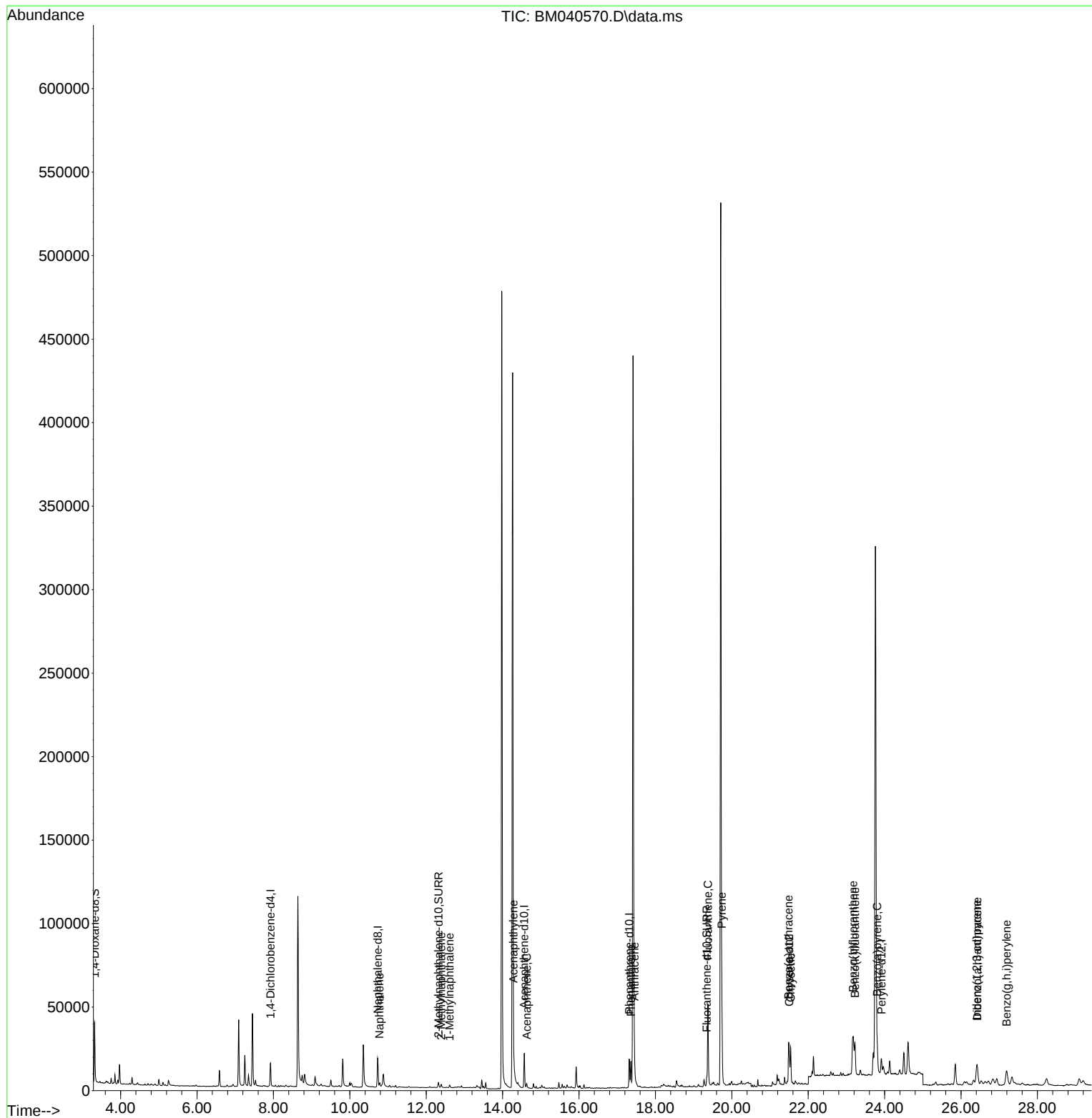
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040570.D
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ALS Vial : 7 Sample Multiplier: 1

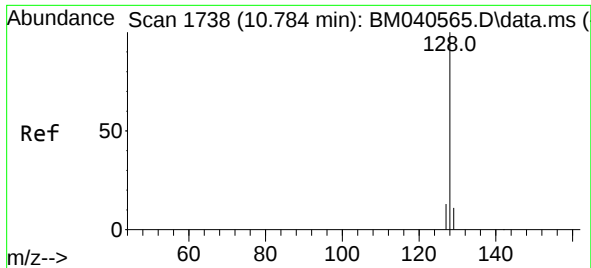
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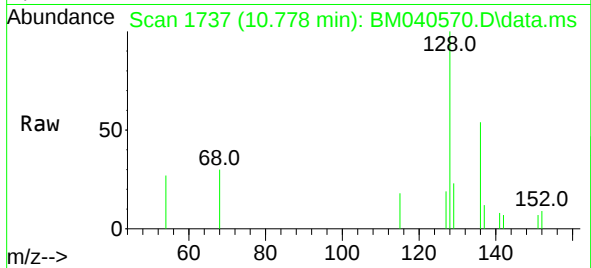
Quant Time: Jul 04 01:54:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

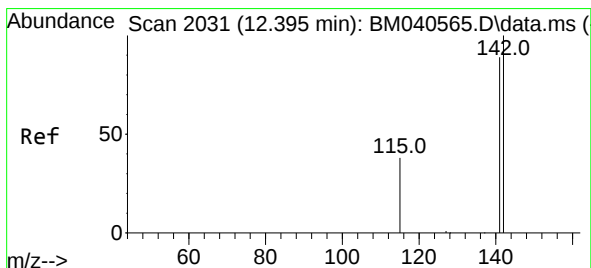
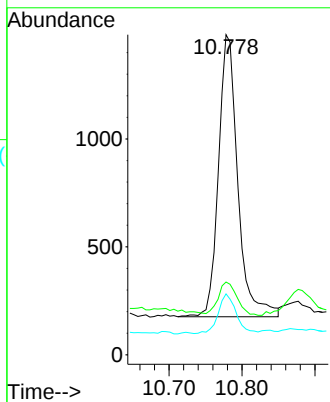
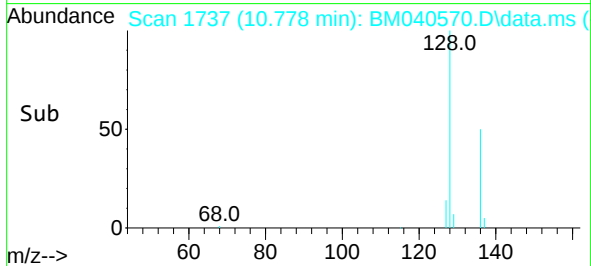
Instrument :
BNA_M
ClientSampleId :
DCGH9



Tgt Ion:128 Resp: 241
Ion Ratio Lower Upper
128 100
129 22.7 9.2 13.8
127 19.0 10.6 15.8

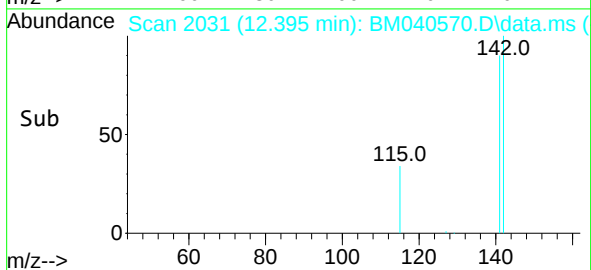
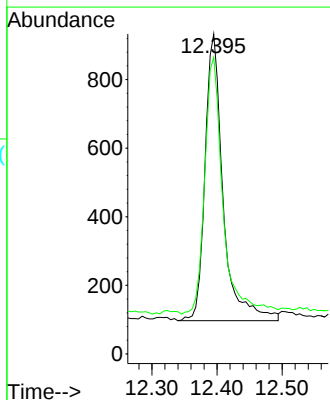
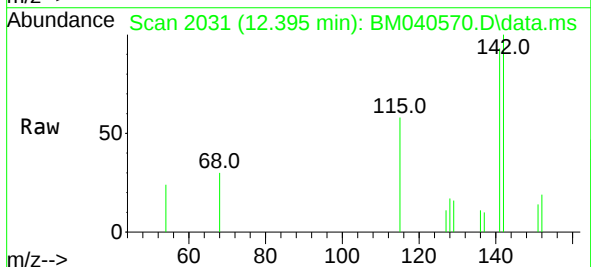
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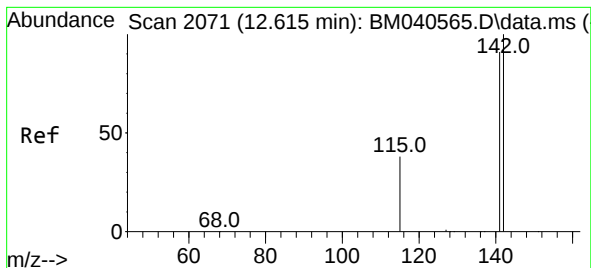
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Tgt Ion:142 Resp: 1617
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.615 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

Instrument :

BNA_M

ClientSampleId :

DCGH9

Tgt Ion:142 Resp: 1184

Ion Ratio Lower Upper

142 100

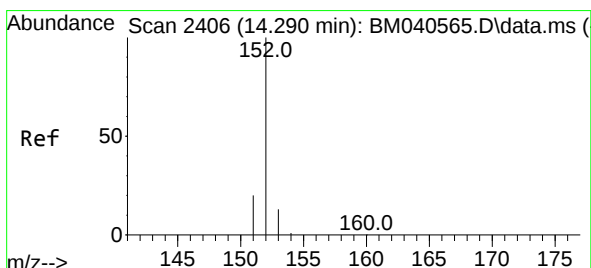
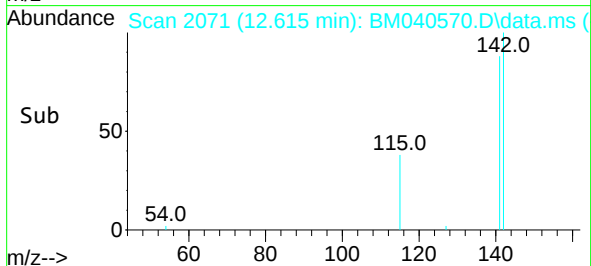
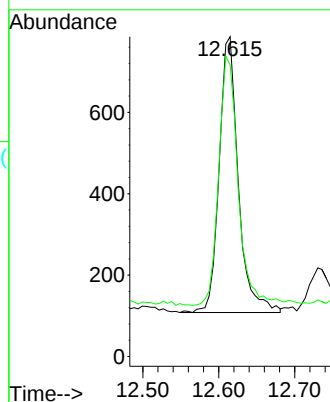
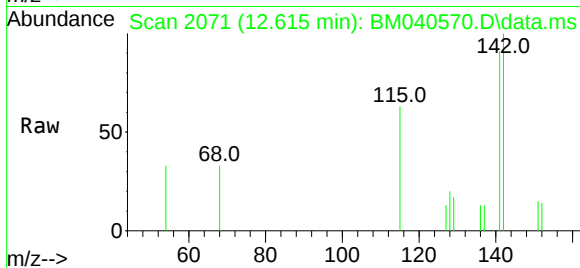
141 91.5 73.7 110.5

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#10

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.286 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

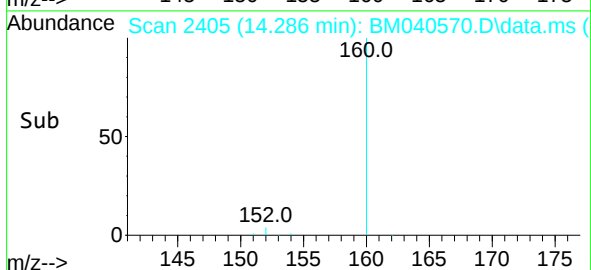
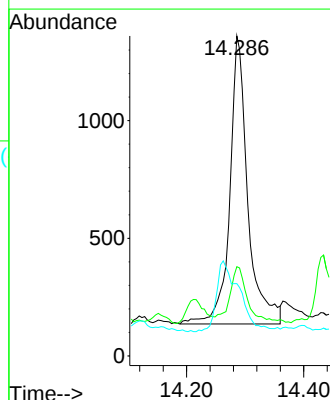
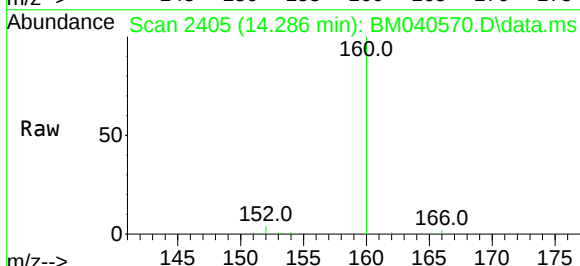
Tgt Ion:152 Resp: 2617

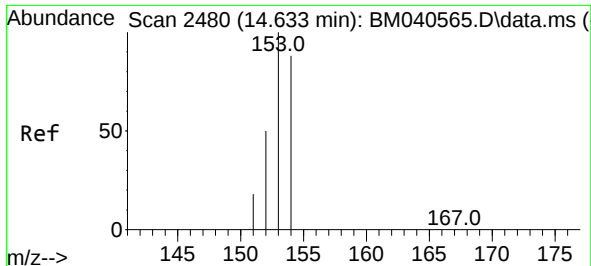
Ion Ratio Lower Upper

152 100

151 27.9 16.2 24.2#

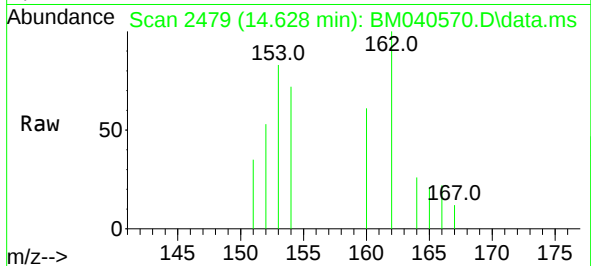
153 22.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

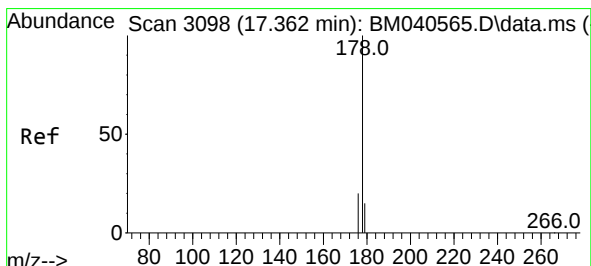
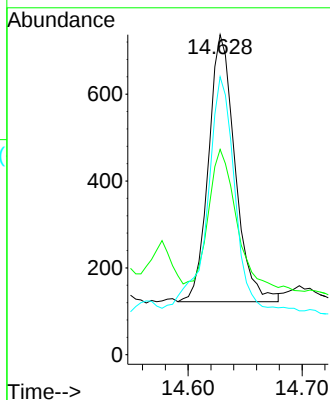
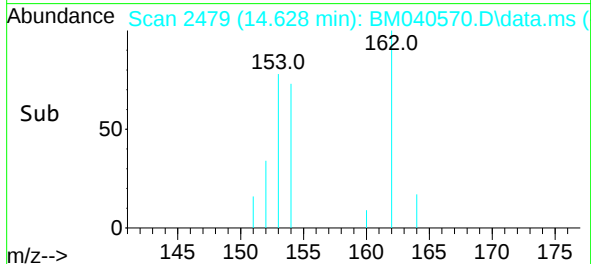
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 990
Ion Ratio Lower Upper
153 100
152 64.2 41.0 61.4
154 86.8 70.8 106.2

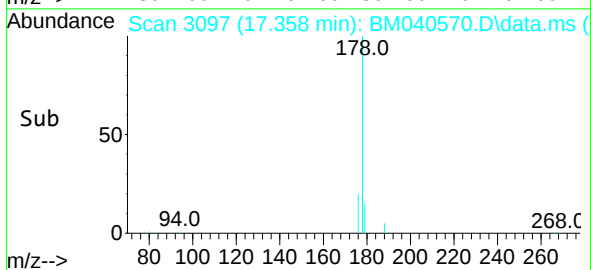
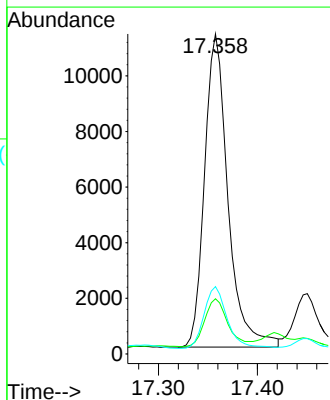
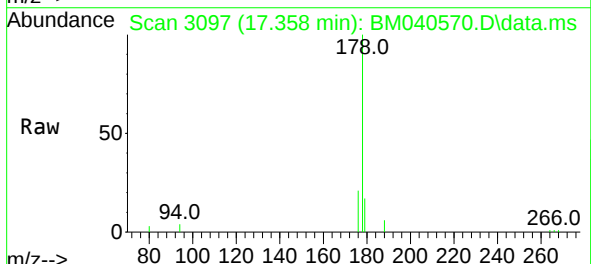
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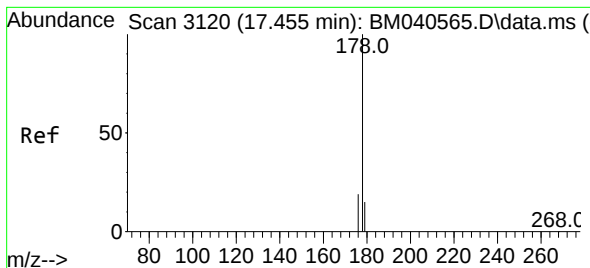
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#15
Phenanthrene
Concen: 0.262 ng/ul
RT: 17.358 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Tgt Ion:178 Resp: 18513
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 21.0 16.4 24.6





#16

Anthracene

Concen: 0.043 ng/ul

RT: 17.450 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BM040570.D

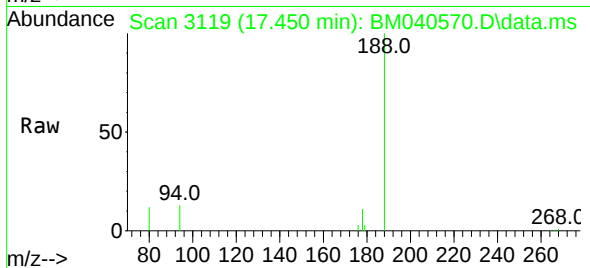
Acq: 03 Jul 2023 11:49

Instrument :

BNA_M

ClientSampleId :

DCGH9



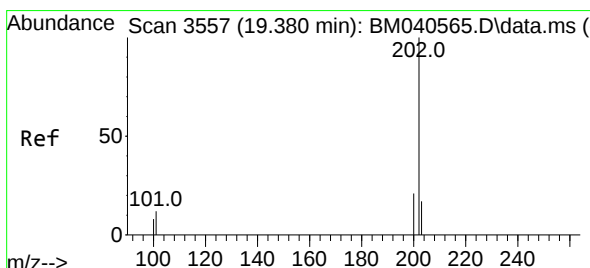
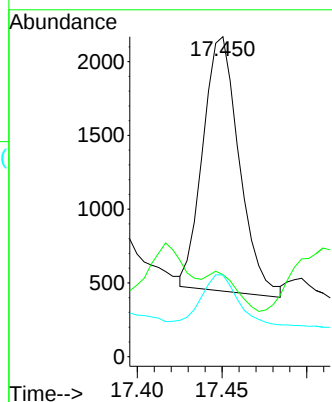
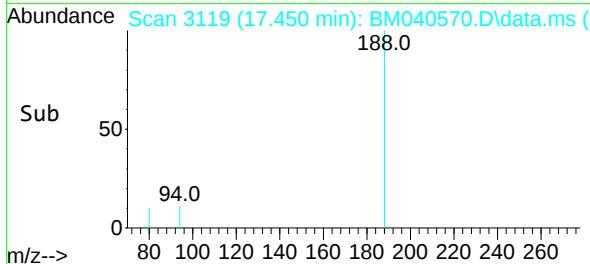
Tgt Ion:	178	Resp:	2558
Ion Ratio	Lower	Upper	
178	100		
179	25.6	12.9	19.3
176	25.5	15.8	23.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/04/2023



#19

Fluoranthene

Concen: 0.841 ng/ul

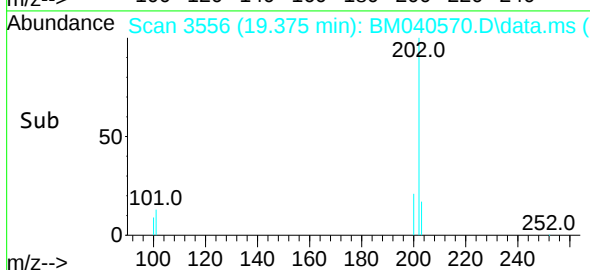
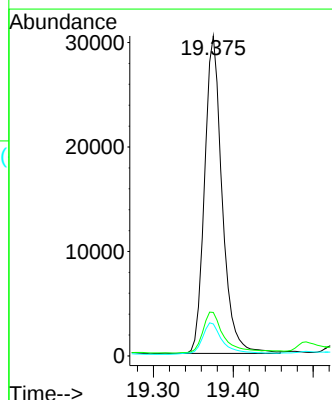
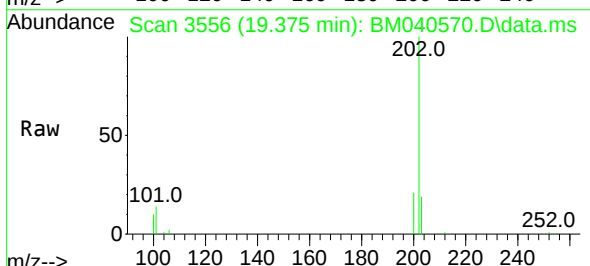
RT: 19.375 min Scan# 3556

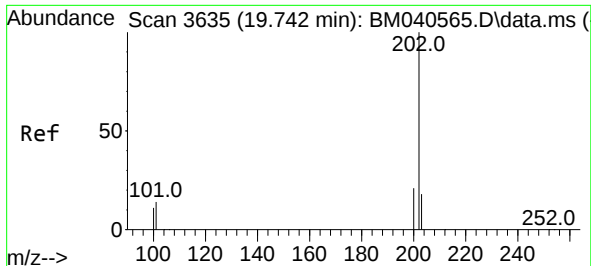
Delta R.T. -0.005 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

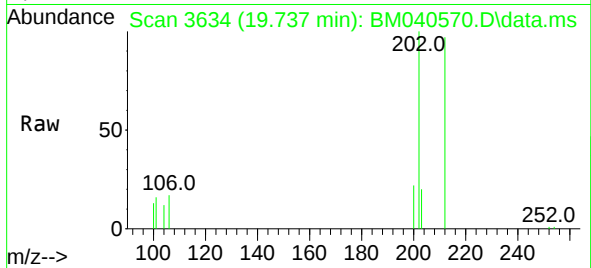
Tgt Ion:	202	Resp:	46567
Ion Ratio	Lower	Upper	
202	100		
101	13.6	11.4	17.0
100	10.0	8.7	13.1





#20
Pyrene
Concen: 0.627 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

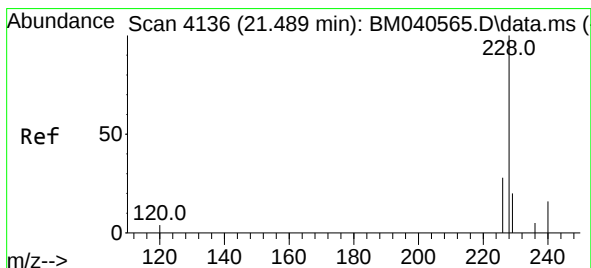
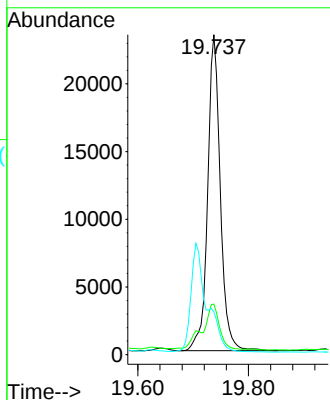
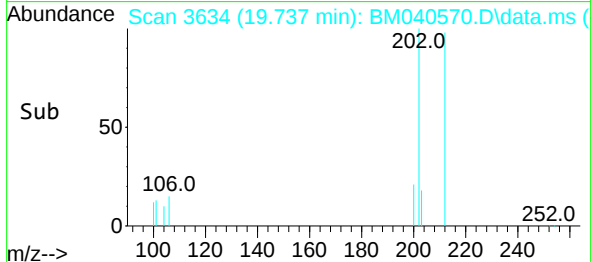
Instrument :
BNA_M
ClientSampleId :
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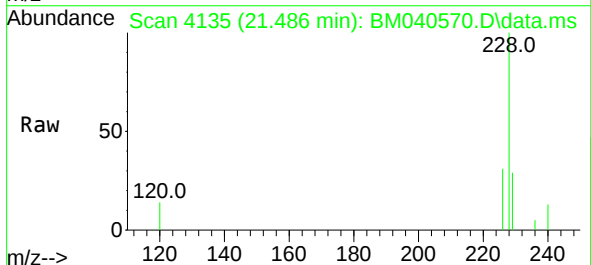
Tgt Ion:202 Resp: 37230
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 13.3 9.8 14.6

Manual Integrations
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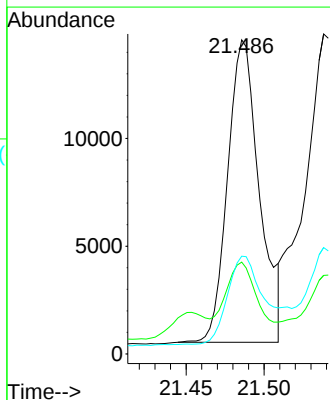
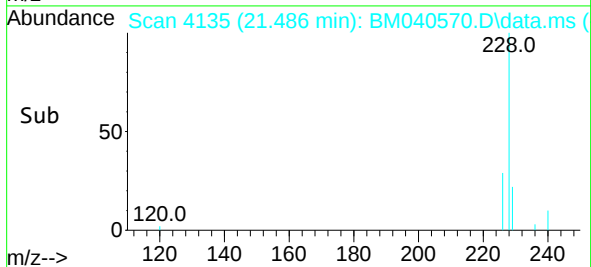
Reviewed By :Yogesh Patel 07/04/2023
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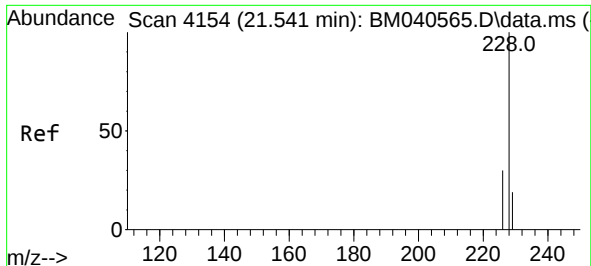


#21
Benzo(a)anthracene
Concen: 0.451 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.003 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49



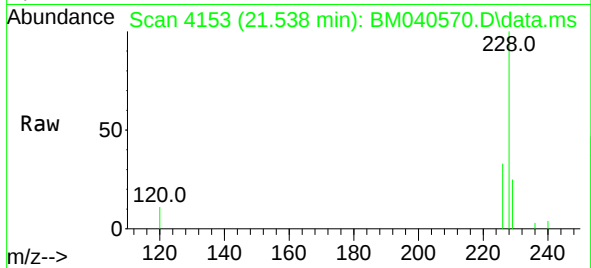
Tgt Ion:228 Resp: 19902
Ion Ratio Lower Upper
228 100
229 29.2 16.0 24.0#
226 31.1 22.3 33.5





#22
Chrysene
Concen: 0.529 ng/ul m
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

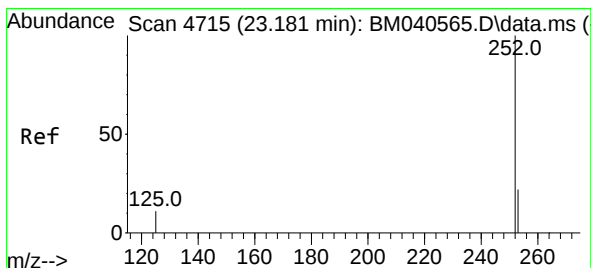
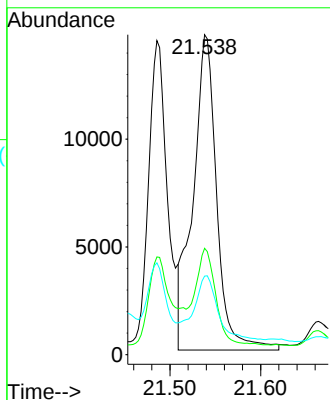
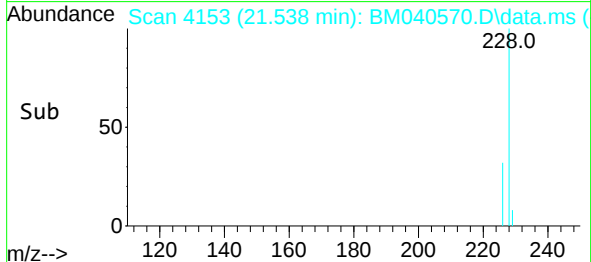
Instrument :
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Tgt Ion:228 Resp: 2662
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 24.5 15.8 23.6

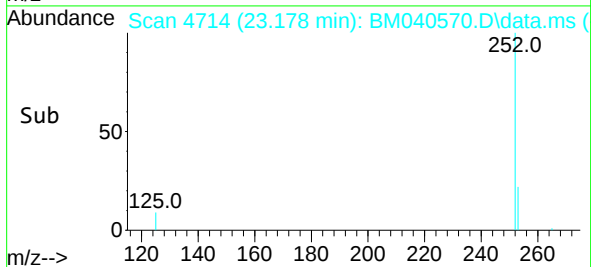
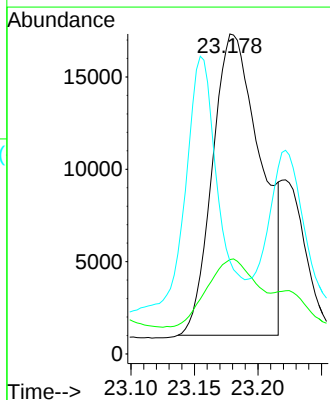
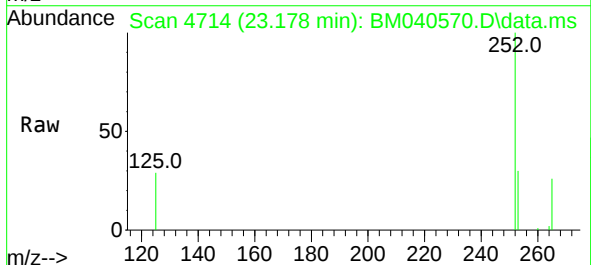
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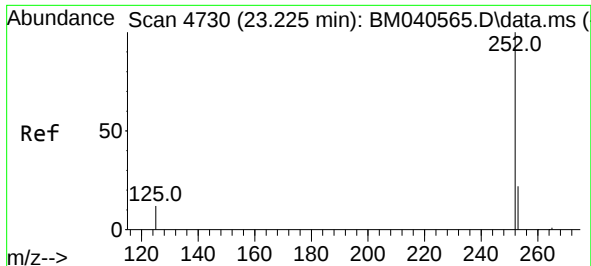
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#24
Benzo(b)fluoranthene
Concen: 0.771 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

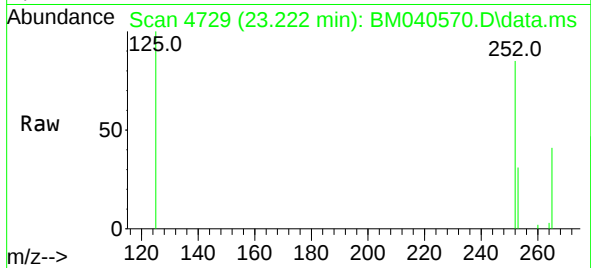
Tgt Ion:252 Resp: 43074
Ion Ratio Lower Upper
252 100
253 29.5 0.0 52.8
125 29.1 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

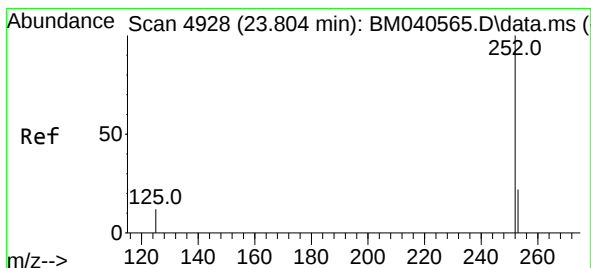
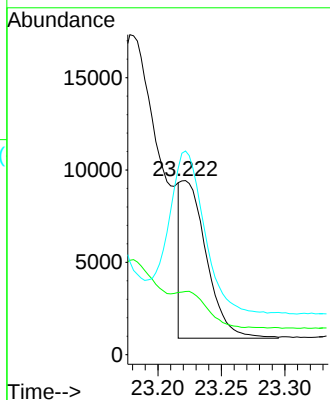
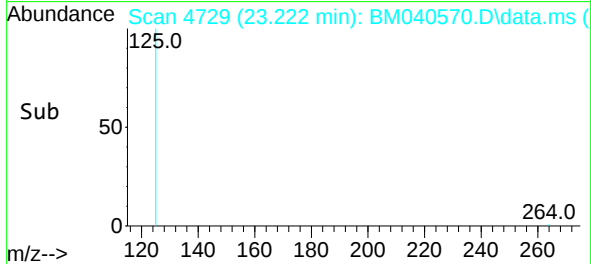
Instrument :
BNA_M
ClientSampleId :
DCGH9



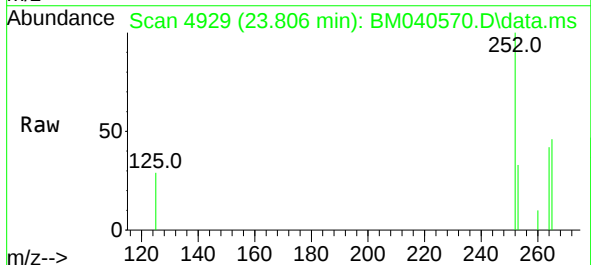
Tgt Ion:252 Resp: 12010
Ion Ratio Lower Upper
252 100
253 36.3 21.2 31.8
125 117.0 16.4 24.6

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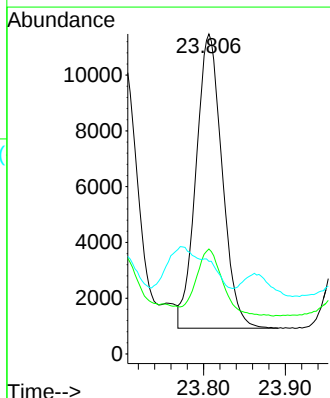
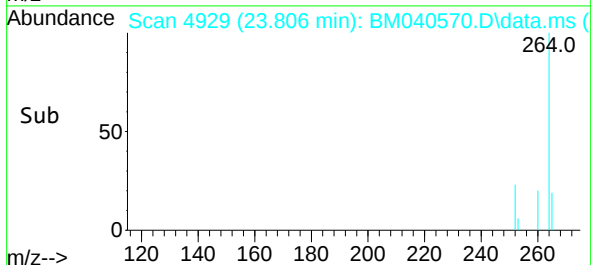
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

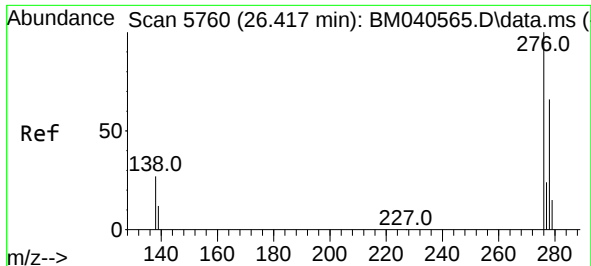


#26
Benzo(a)pyrene
Concen: 0.465 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. 0.003 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49



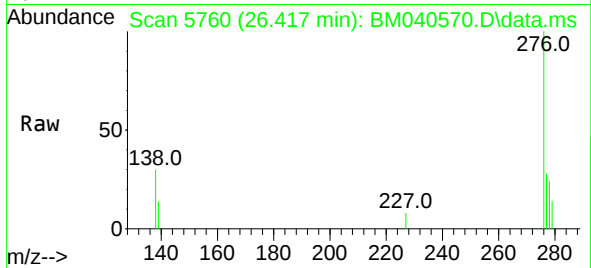
Tgt Ion:252 Resp: 23399
Ion Ratio Lower Upper
252 100
253 32.8 22.9 34.3
125 28.9 21.0 31.4





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.340 ng/ul
 RT: 26.417 min Scan# 5760
 Delta R.T. 0.000 min
 Lab File: BM040570.D
 Acq: 03 Jul 2023 11:49

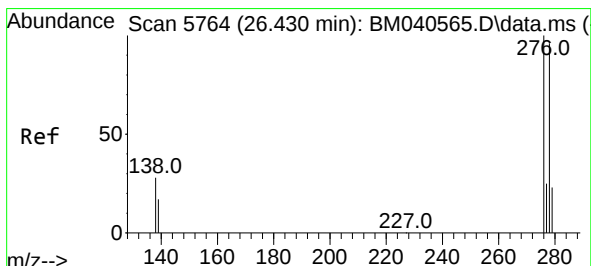
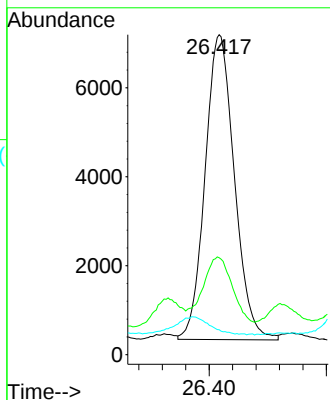
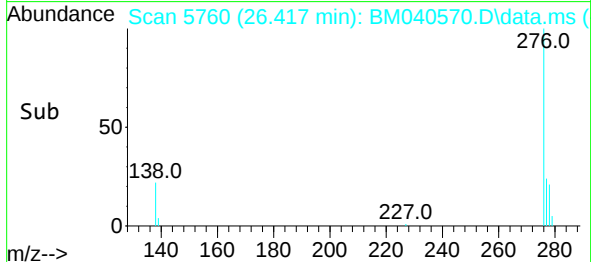
Instrument :
 BNA_M
 ClientSampleId :
 DCGH9



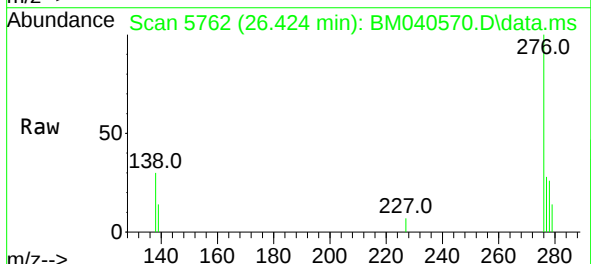
Tgt Ion: 276 Resp: 23814
 Ion Ratio Lower Upper
 276 100
 138 20.9 24.5 36.7#
 227 0.0 0.1 0.1#

Manual Integrations
 APPROVED

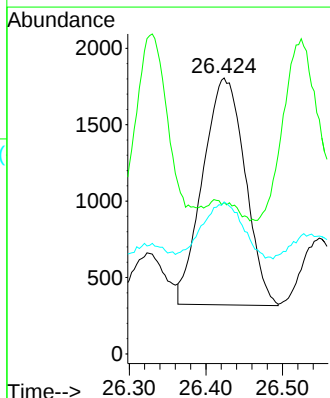
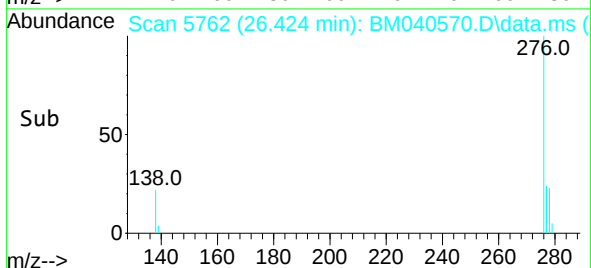
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

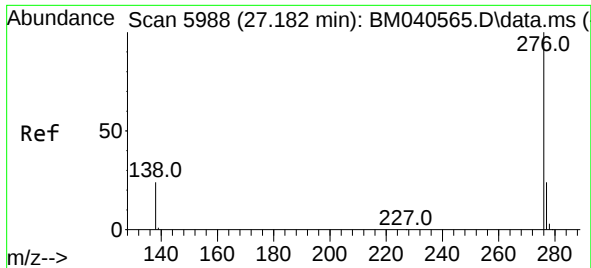


#28
 Dibenzo(a,h)anthracene
 Concen: 0.104 ng/ul
 RT: 26.424 min Scan# 5762
 Delta R.T. -0.007 min
 Lab File: BM040570.D
 Acq: 03 Jul 2023 11:49



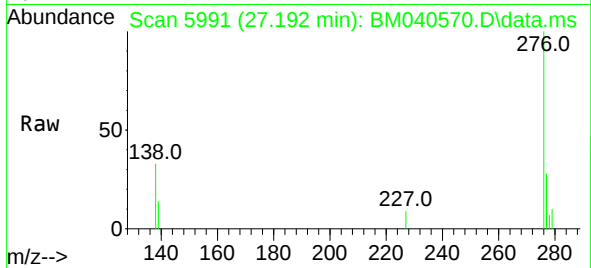
Tgt Ion: 278 Resp: 5684
 Ion Ratio Lower Upper
 278 100
 139 54.9 17.9 26.9#
 279 55.1 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.010 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Instrument :
BNA_M
ClientSampleId :
DCGH9



Tgt Ion:276 Resp: 23452
Ion Ratio Lower Upper
276 100
138 32.9 23.0 34.6
277 28.1 20.3 30.5

Manual Integrations
APPROVED

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

