

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040987.D
 Acq On : 20 Jul 2023 18:36
 Operator : MA/JU
 Sample : 03452-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 21:38:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	2527	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.675	136	7255	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.518	164	3285	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	5556	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	3716	0.400	ng/ul	# 0.00
23) Perylene-d12	23.860	264	3549	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3564	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	2839	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.306	212	4266	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.724	128	2359	0.119	ng/ul#	89
15) Phenanthrene	17.316	178	685	0.041	ng/ul#	70
19) Fluoranthene	19.338	202	2043	0.106	ng/ul#	75
20) Pyrene	19.701	202	1370m	0.070	ng/ul	
21) Benzo(a)anthracene	21.454	228	661	0.058	ng/ul#	64
22) Chrysene	21.504	228	660	0.051	ng/ul#	72
24) Benzo(b)fluoranthene	23.138	252	926	0.068	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.337	276	354	0.023	ng/ul#	71

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

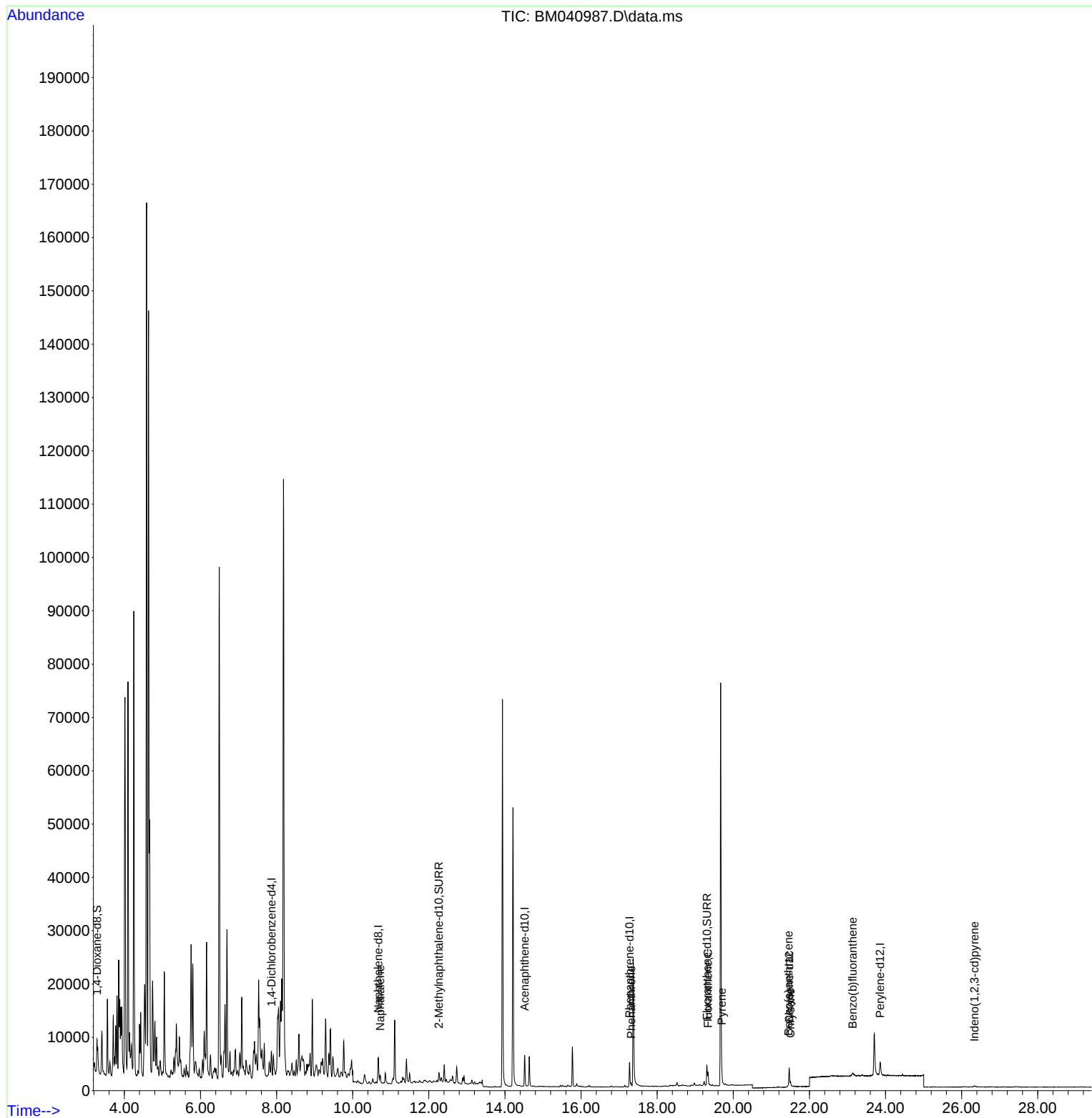
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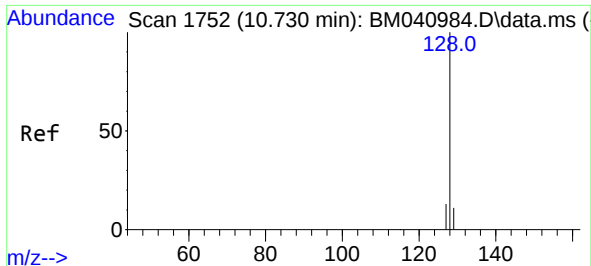
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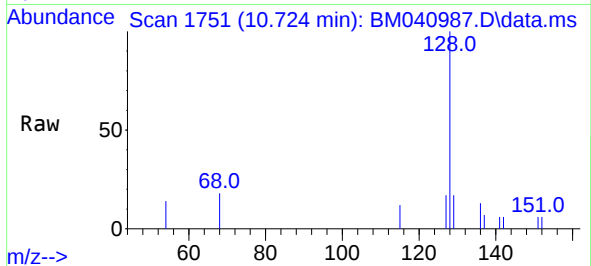
Quant Time: Jul 20 21:38:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
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#5
Naphthalene
Concen: 0.119 ng/ul
RT: 10.724 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36

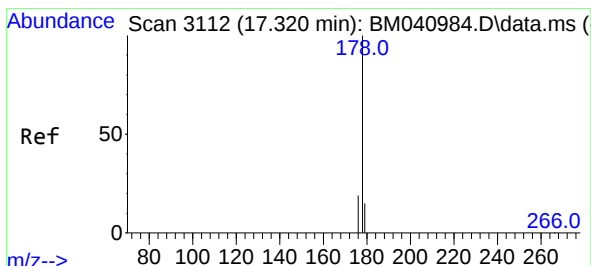
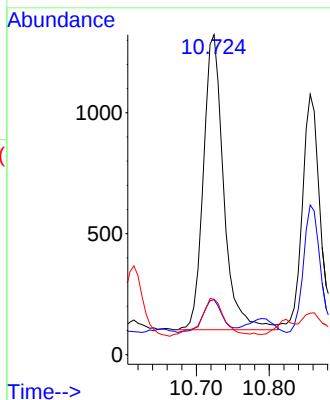
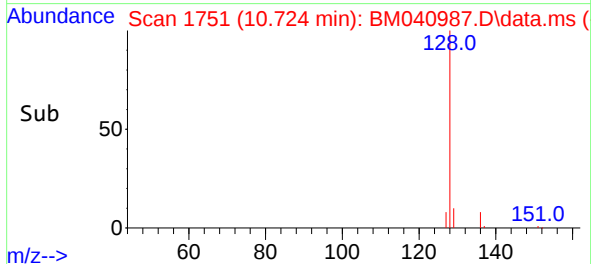
Instrument :
BNA_M
ClientSampleId :
A46N3



Tgt Ion:128 Resp: 2359
Ion Ratio Lower Upper
128 100
129 17.2 9.8 14.8#
127 17.3 11.0 16.4#

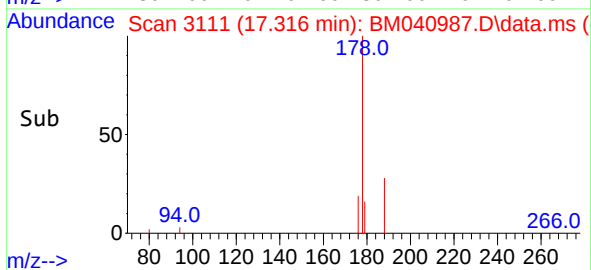
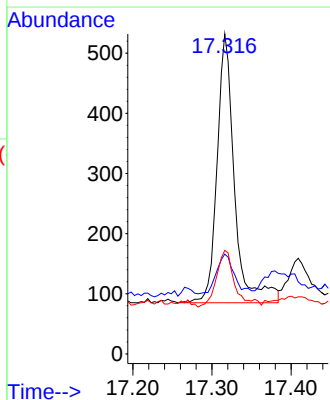
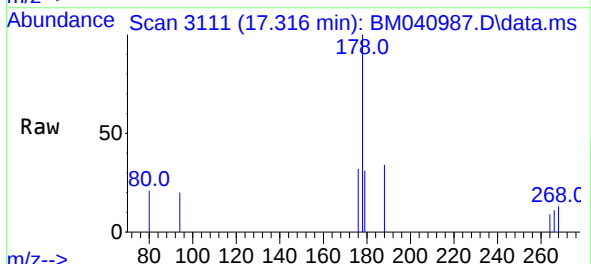
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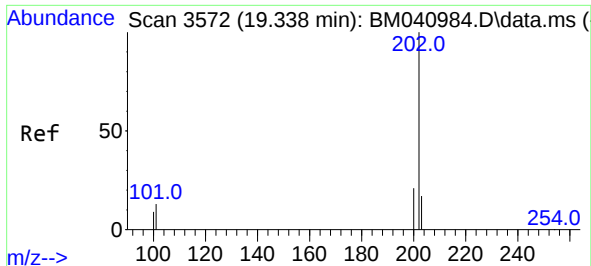
Reviewed By :Yogesh Patel 07/20/2023
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#15
Phenanthrene
Concen: 0.041 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36

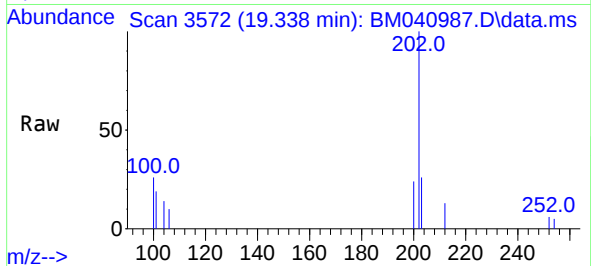
Tgt Ion:178 Resp: 685
Ion Ratio Lower Upper
178 100
179 31.2 13.0 19.6#
176 32.3 16.2 24.4#





#19
Fluoranthene
Concen: 0.106 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36

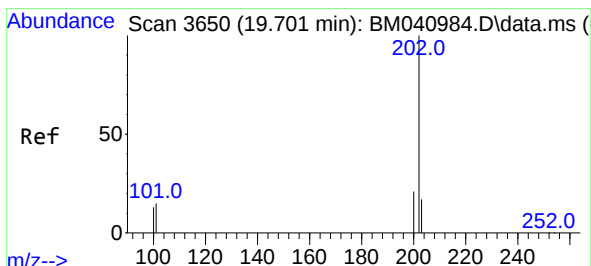
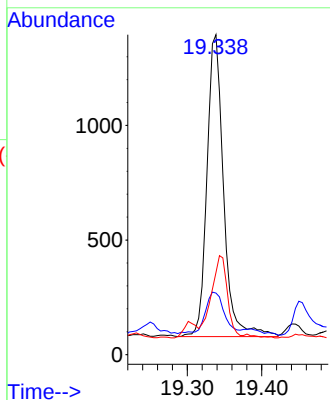
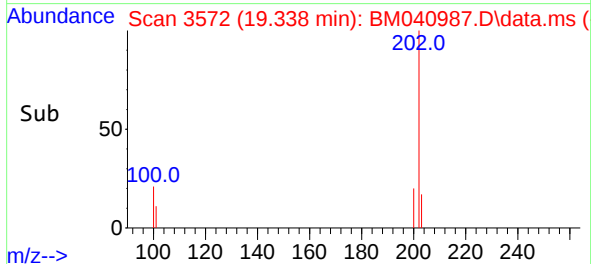
Instrument :
BNA_M
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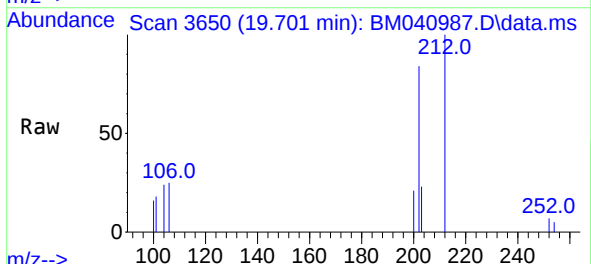
Tgt Ion:202 Resp: 2043
Ion Ratio Lower Upper
202 100
101 19.3 11.0 16.4#
100 25.6 8.3 12.5#

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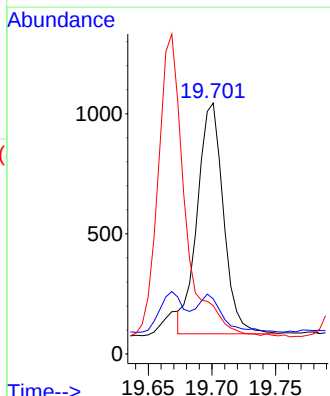
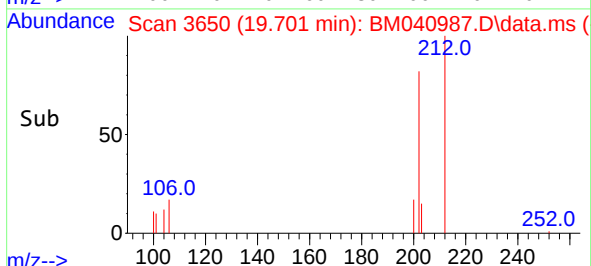
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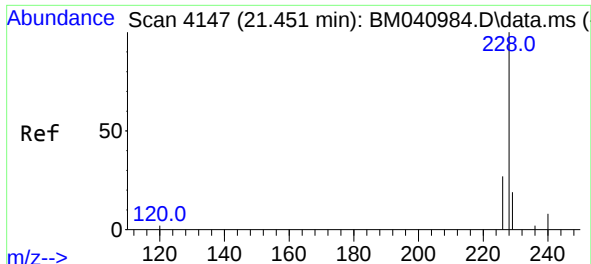


#20
Pyrene
Concen: 0.070 ng/ul m
RT: 19.701 min Scan# 3650
Delta R.T. -0.005 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36



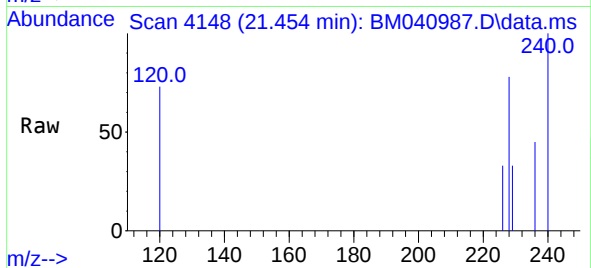
Tgt Ion:202 Resp: 1370
Ion Ratio Lower Upper
202 100
101 21.9 12.5 18.7#
100 19.3 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 0.058 ng/u1
RT: 21.454 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36

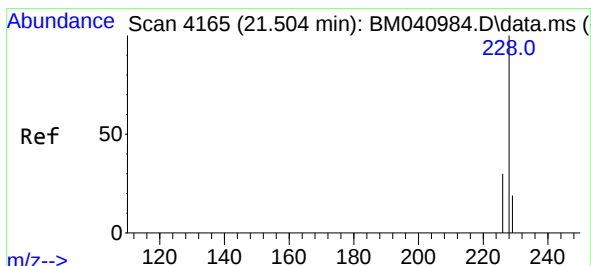
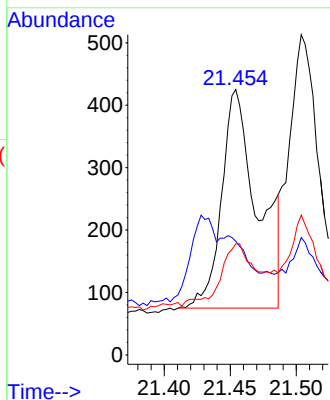
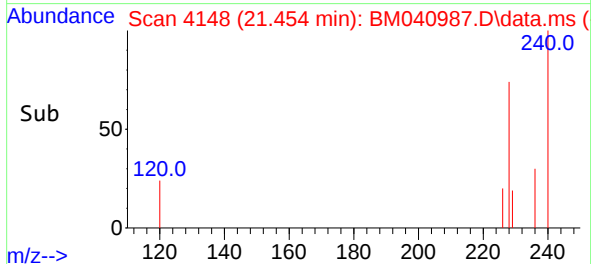
Instrument :
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Tgt Ion:228 Resp: 660
Ion Ratio Lower Upper
228 100
229 42.8 16.2 24.4#
226 41.9 22.3 33.5#

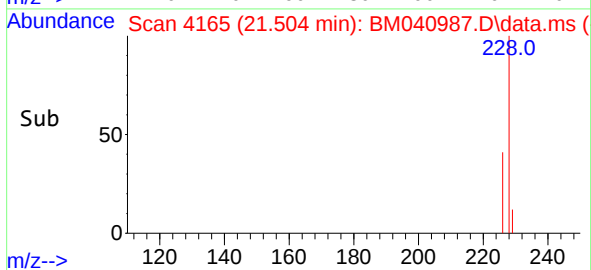
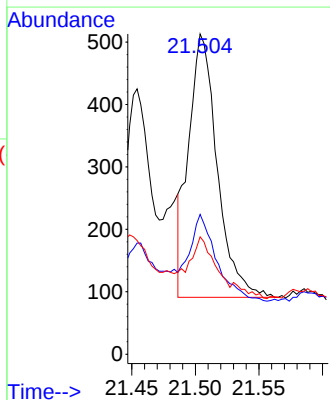
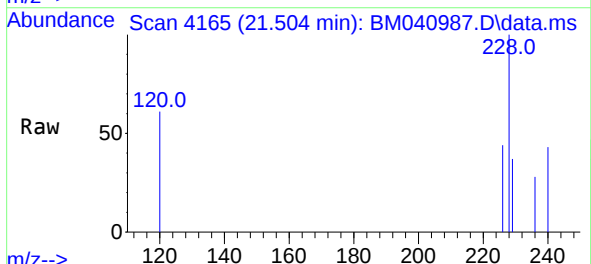
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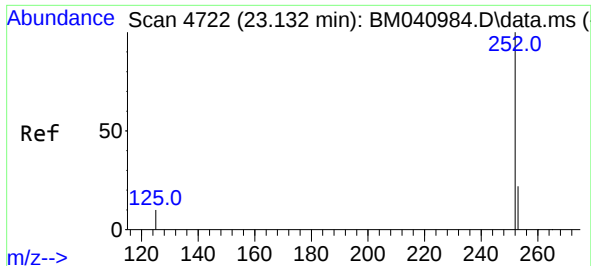
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#22
Chrysene
Concen: 0.051 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36

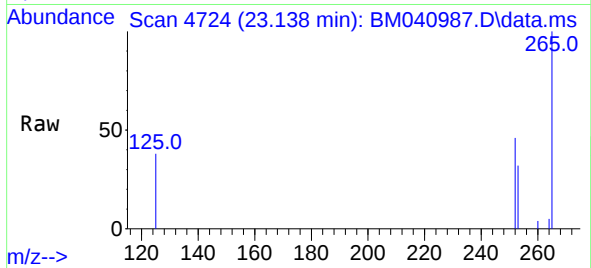
Tgt Ion:228 Resp: 660
Ion Ratio Lower Upper
228 100
226 43.7 24.6 37.0#
229 36.6 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.068 ng/ul
RT: 23.138 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36

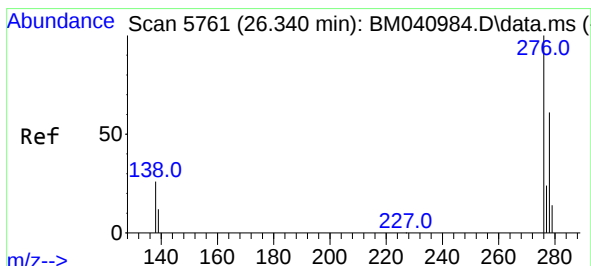
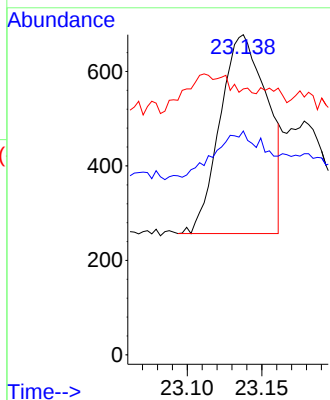
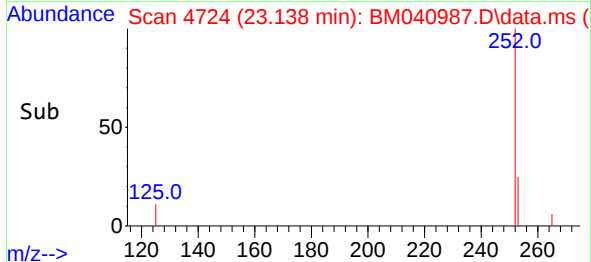
Instrument :
BNA_M
ClientSampleId :
A46N3



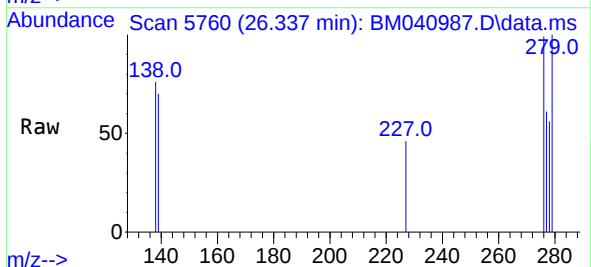
Tgt Ion:252 Resp: 920
Ion Ratio Lower Upper
252 100
253 69.9 0.0 57.4#
125 83.0 0.0 45.2#

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Supervised By :Sohil Jodhani 07/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 26.337 min Scan# 5760
Delta R.T. -0.013 min
Lab File: BM040987.D
Acq: 20 Jul 2023 18:36



Tgt Ion:276 Resp: 354
Ion Ratio Lower Upper
276 100
138 12.4 22.3 33.5#
227 0.8 0.0 0.0#

