

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039333.D
 Acq On : 07 Apr 2023 01:32
 Operator : CG/JU
 Sample : 02092-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB975

Quant Time: Apr 07 02:43:01 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 23:58:10 2023
 Response via : Initial Calibration

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

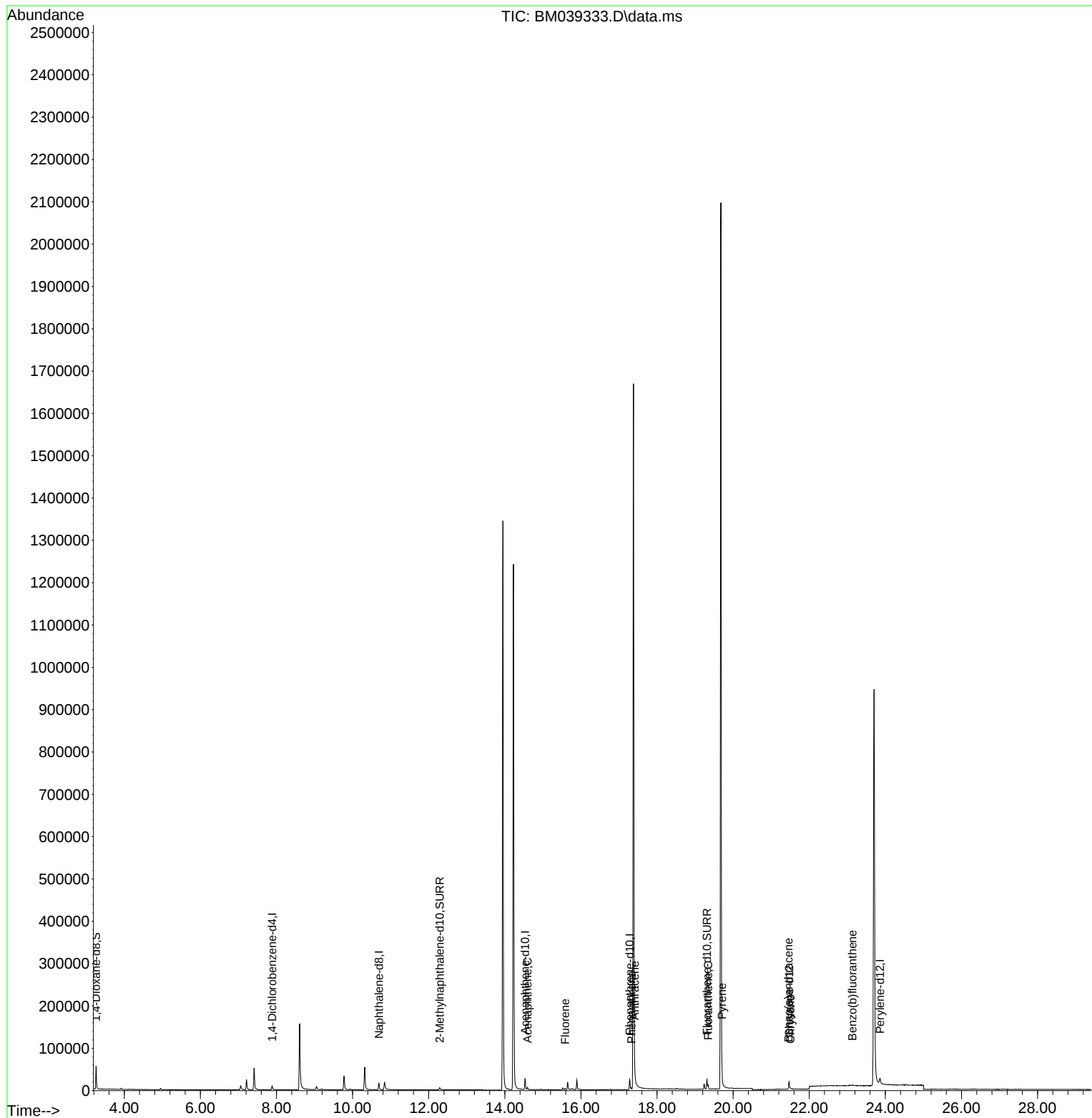
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	5896	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.691	136	22867	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	14742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	29319	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	19632	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	21815	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	32242	2.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	9463	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	26006	0.425	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.592	153	3273	0.073	ng/ul	96
12) Fluorene	15.582	166	1604	0.036	ng/ul#	93
15) Phenanthrene	17.324	178	3991	0.049	ng/ul#	77
16) Anthracene	17.413	178	2043	0.033	ng/ul#	58
19) Fluoranthene	19.343	202	8562	0.105	ng/ul#	90
20) Pyrene	19.705	202	6869	0.074	ng/ul#	79
21) Benzo(a)anthracene	21.454	228	2496	0.055	ng/ul#	56
22) Chrysene	21.507	228	1787	0.032	ng/ul#	51
24) Benzo(b)fluoranthene	23.129	252	2369	0.034	ng/ul#	1

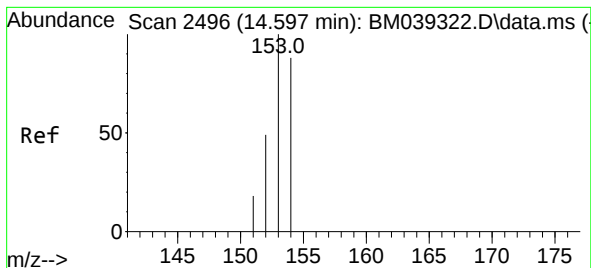
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Acenaphthene

Concen: 0.073 ng/ul

RT: 14.592 min Scan# 2496

Delta R.T. -0.005 min

Lab File: BM039333.D

Acq: 07 Apr 2023 01:32

Instrument :

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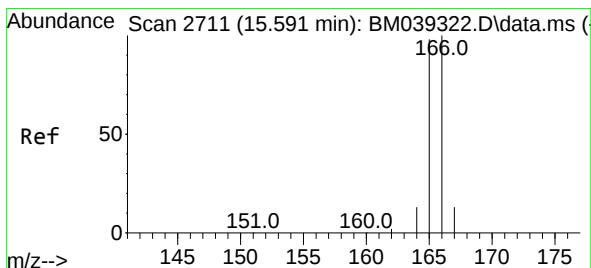
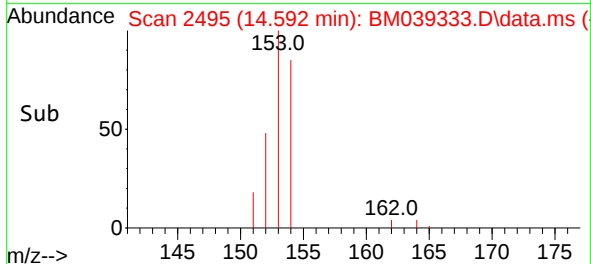
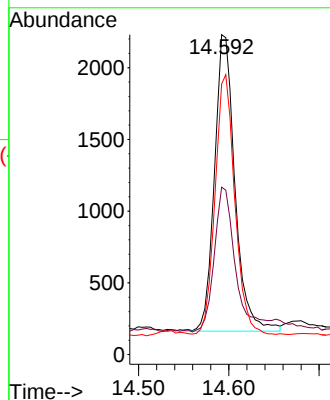
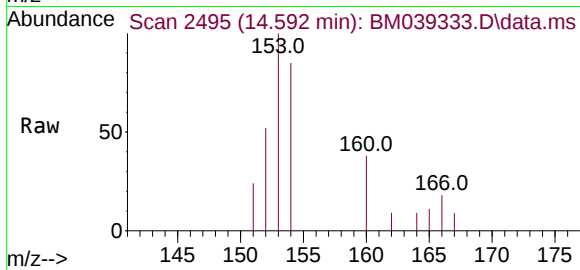
Tgt Ion:153 Resp: 3273

Ion Ratio Lower Upper

153 100

152 52.3 40.3 60.5

154 84.6 71.5 107.3



#12

Fluorene

Concen: 0.036 ng/ul

RT: 15.582 min Scan# 2709

Delta R.T. -0.009 min

Lab File: BM039333.D

Acq: 07 Apr 2023 01:32

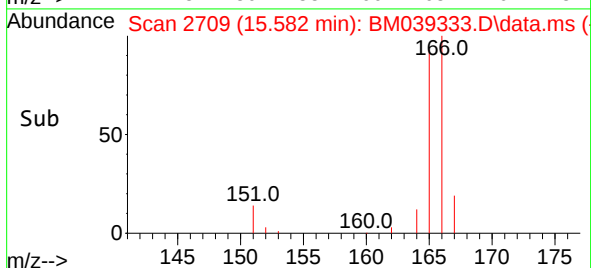
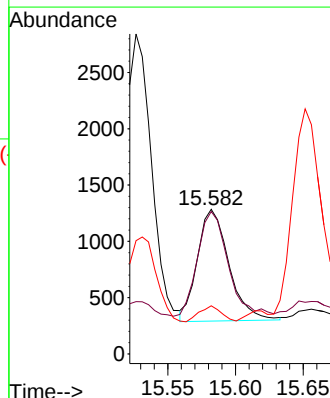
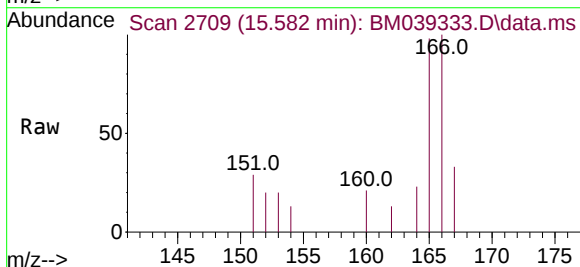
Tgt Ion:166 Resp: 1604

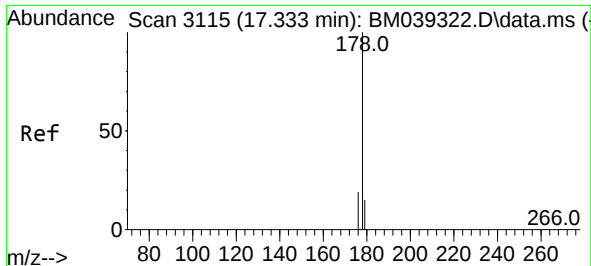
Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

167 33.2 11.8 17.6#

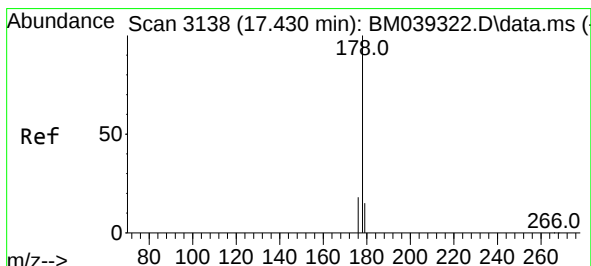
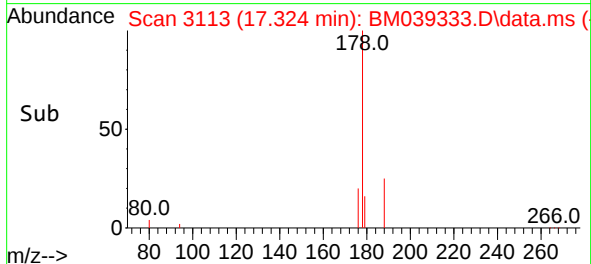
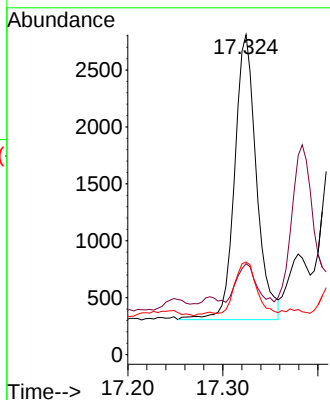
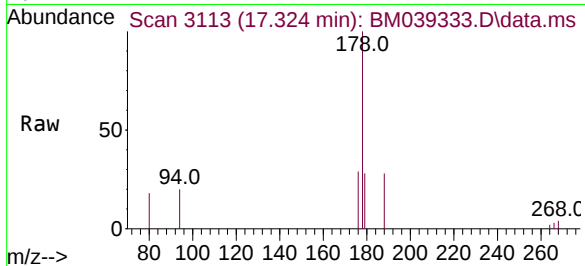




#15
Phenanthrene
Concen: 0.049 ng/ul
RT: 17.324 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BM039333.D
Acq: 07 Apr 2023 01:32

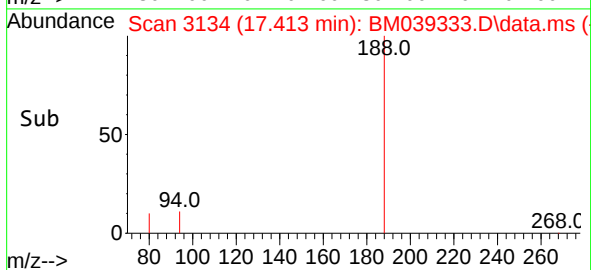
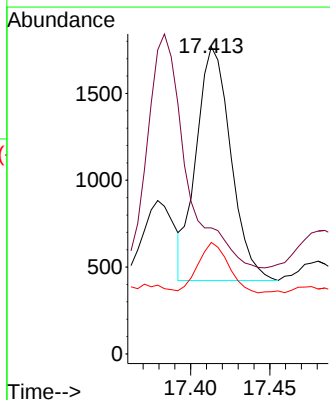
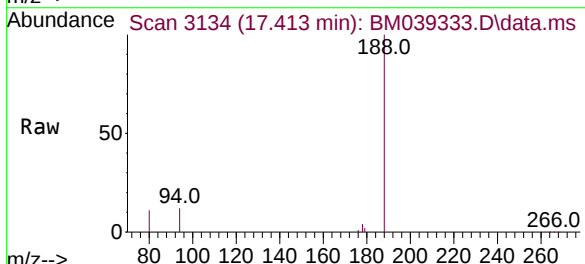
Instrument :
BNA_M
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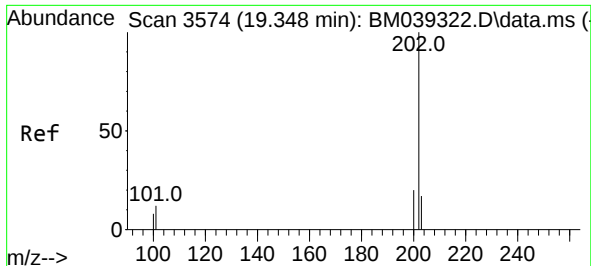
Tgt Ion:178 Resp: 3991
Ion Ratio Lower Upper
178 100
179 28.4 13.4 20.2#
176 28.9 15.8 23.6#



#16
Anthracene
Concen: 0.033 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.013 min
Lab File: BM039333.D
Acq: 07 Apr 2023 01:32

Tgt Ion:178 Resp: 2043
Ion Ratio Lower Upper
178 100
179 41.0 14.6 21.8#
176 36.3 16.6 24.8#

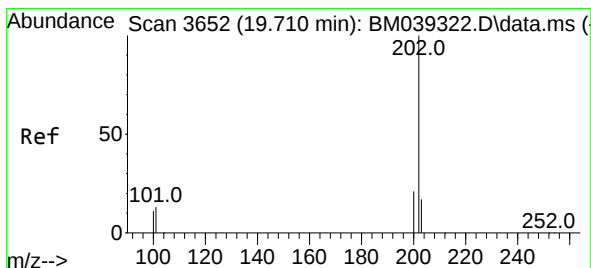
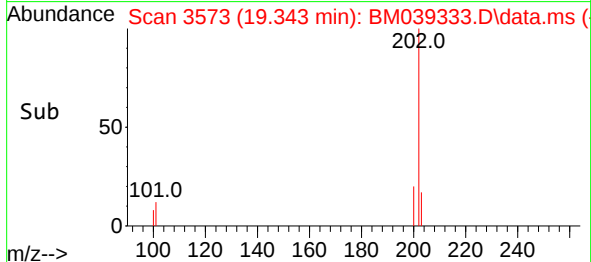
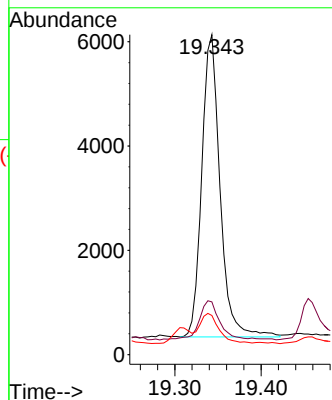
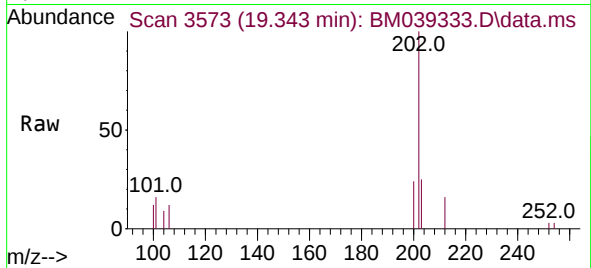




#19
Fluoranthene
Concen: 0.105 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.005 min
Lab File: BM039333.D
Acq: 07 Apr 2023 01:32

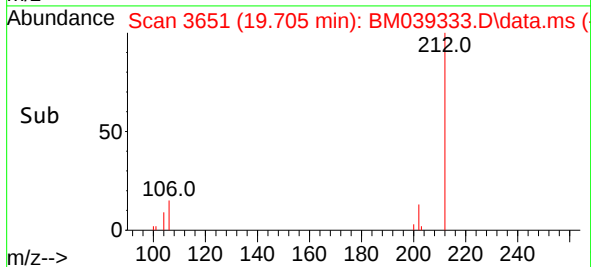
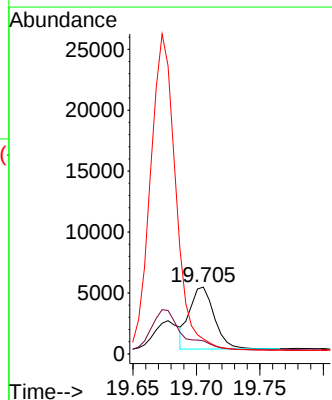
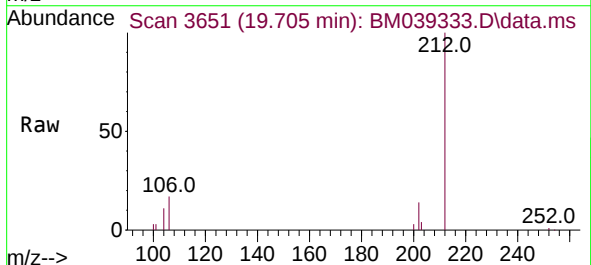
Instrument :
BNA_M
ClientSampleId :
CB975

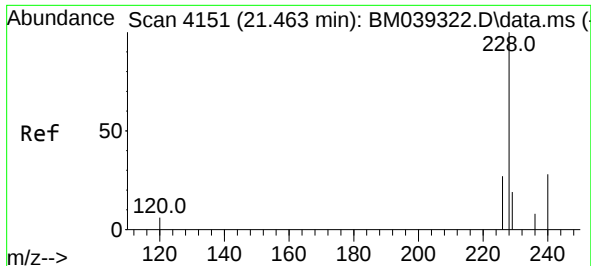
Tgt Ion:202 Resp: 8562
Ion Ratio Lower Upper
202 100
101 16.5 9.7 14.5#
100 12.2 7.4 11.0#



#20
Pyrene
Concen: 0.074 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039333.D
Acq: 07 Apr 2023 01:32

Tgt Ion:202 Resp: 6869
Ion Ratio Lower Upper
202 100
101 19.5 11.1 16.7#
100 22.3 8.8 13.2#

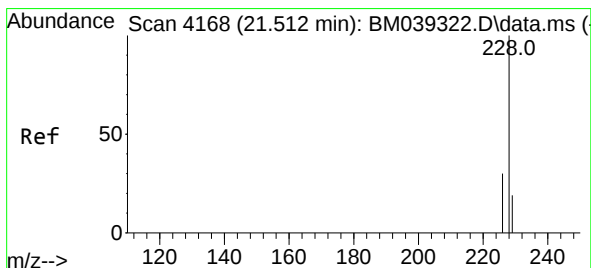
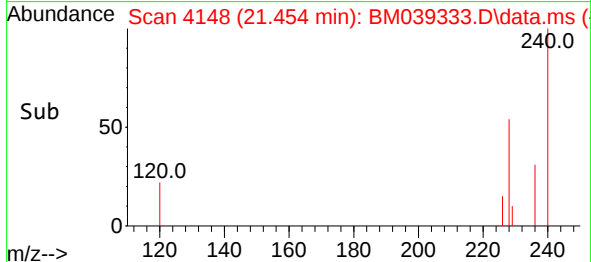
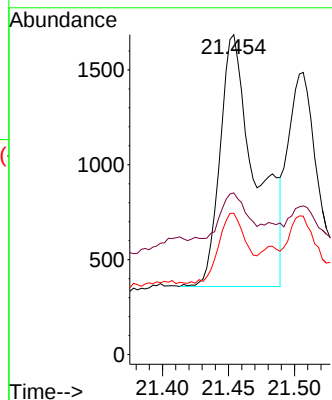
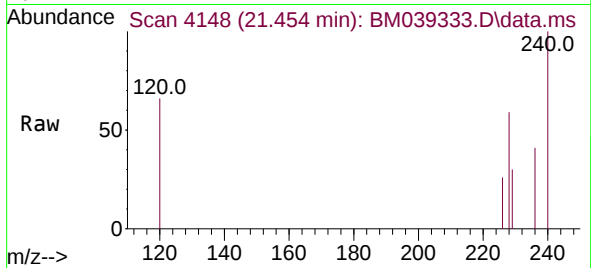




#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.454 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BM039333.D
Acq: 07 Apr 2023 01:32

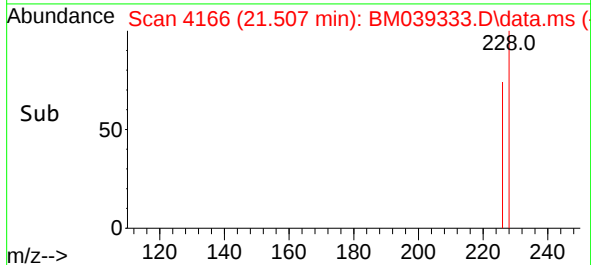
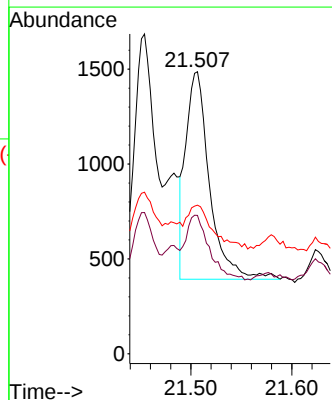
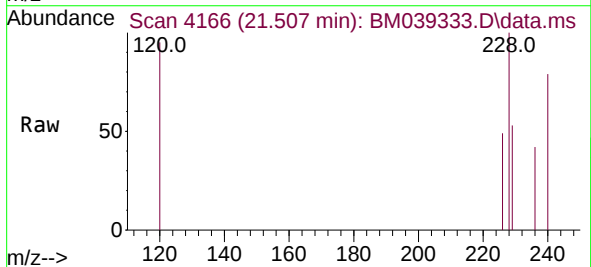
Instrument :
BNA_M
ClientSampleId :
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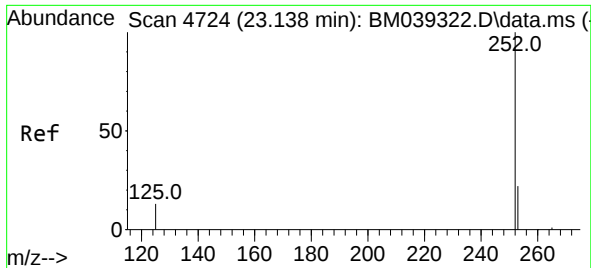
Tgt Ion:228 Resp: 2496
Ion Ratio Lower Upper
228 100
229 50.5 16.6 24.8#
226 44.2 22.6 34.0#



#22
Chrysene
Concen: 0.032 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM039333.D
Acq: 07 Apr 2023 01:32

Tgt Ion:228 Resp: 1787
Ion Ratio Lower Upper
228 100
226 49.0 24.2 36.2#
229 52.7 16.2 24.4#





#24

Benzo(b)fluoranthene

Concen: 0.034 ng/ul

RT: 23.129 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM039333.D

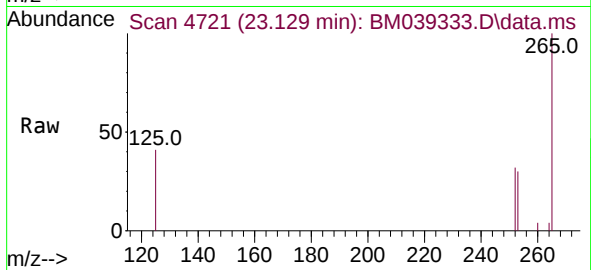
Acq: 07 Apr 2023 01:32

Instrument :

BNA_M

ClientSampleId :

CB975



Tgt Ion:252 Resp: 2369

Ion Ratio Lower Upper

252 100

253 94.2 0.0 64.4#

125 129.0 0.0 50.4#

