

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038576.D
 Acq On : 27 Jan 2023 08:52
 Operator : CG/JU
 Sample : 01227-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX9F7

Quant Time: Jan 27 21:58:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

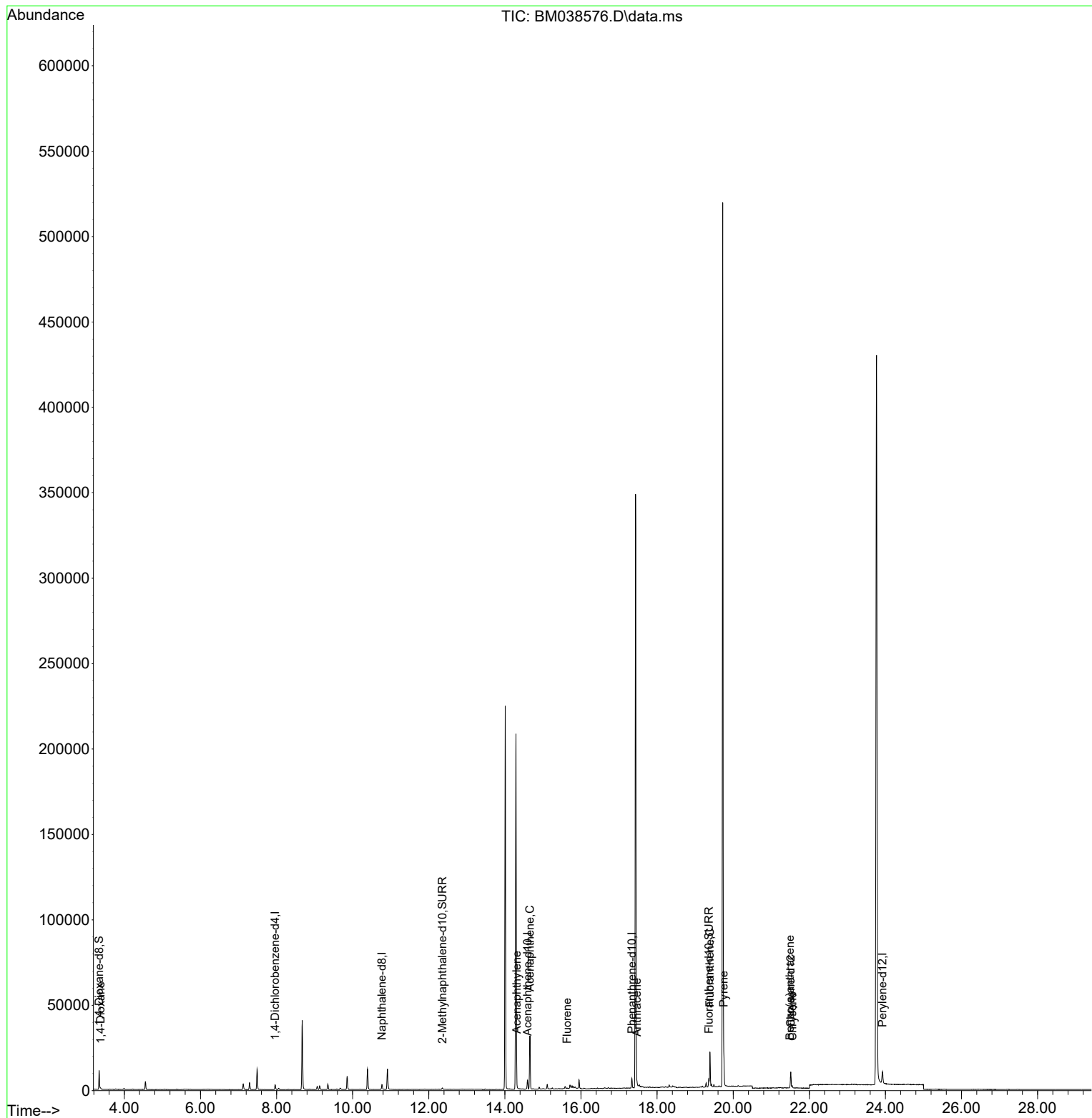
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	1463	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	3908	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	2795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	7121	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.513	240	8857	0.400	ng/ul	# 0.00
23) Perylene-d12	23.921	264	9918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	7003	3.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	1231	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	5734	0.227	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	366	0.188	ng/ul#	37
10) Acenaphthylene	14.315	152	438	0.036	ng/ul#	21
11) Acenaphthene	14.657	153	17286	1.841	ng/ul	98
12) Fluorene	15.638	166	243	0.021	ng/ul#	61
16) Anthracene	17.472	178	1734	0.088	ng/ul#	72
19) Fluoranthene	19.390	202	17224	0.545	ng/ul	98
20) Pyrene	19.752	202	14716	0.433	ng/ul#	96
21) Benzo(a)anthracene	21.495	228	1153	0.037	ng/ul#	65
22) Chrysene	21.551	228	1256	0.040	ng/ul#	61

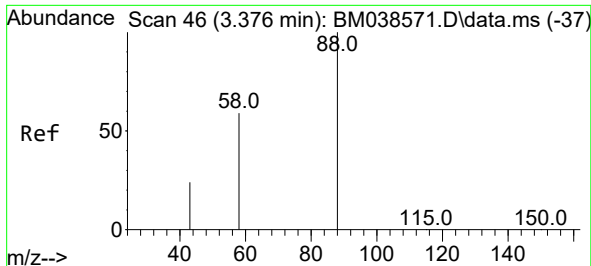
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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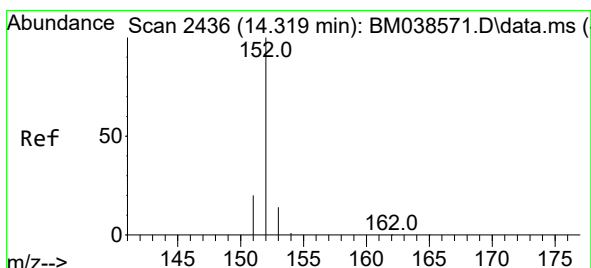
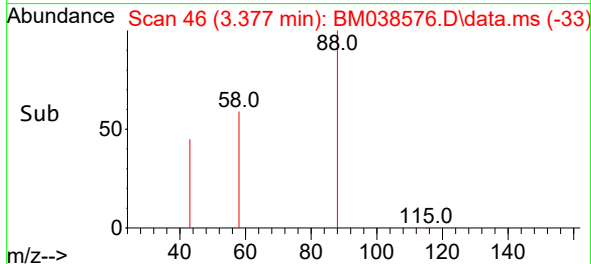
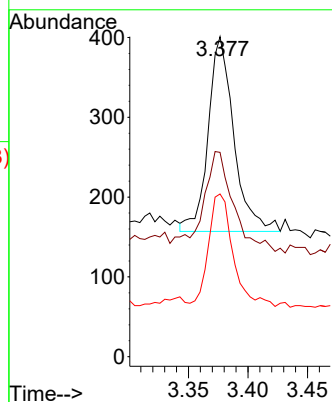
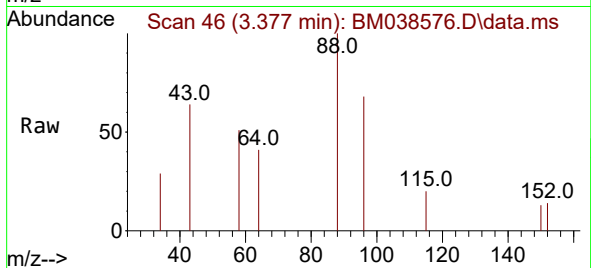




#2
1,4-Dioxane
Concen: 0.188 ng/ul
RT: 3.377 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM038576.D
Acq: 27 Jan 2023 08:52

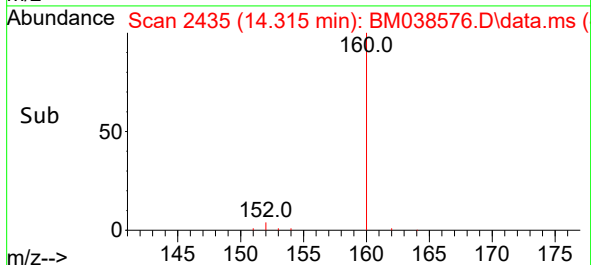
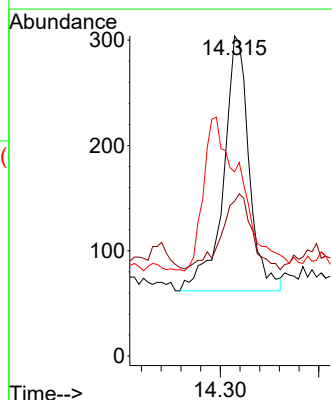
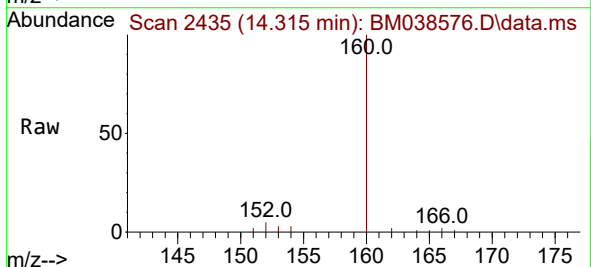
Instrument :
BNA_M
ClientSampleId :
EX9F7

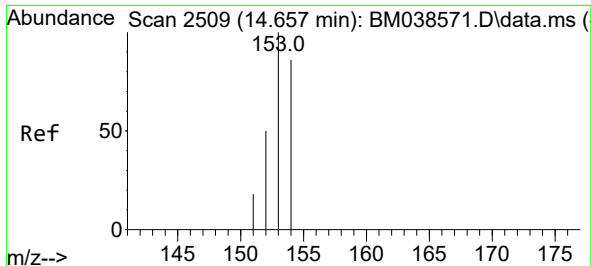
Tgt Ion: 88 Resp: 366
Ion Ratio Lower Upper
88 100
43 63.8 141.3 211.9#
58 50.9 45.7 68.5



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BM038576.D
Acq: 27 Jan 2023 08:52

Tgt Ion:152 Resp: 438
Ion Ratio Lower Upper
152 100
151 48.4 16.3 24.5#
153 57.6 11.8 17.6#

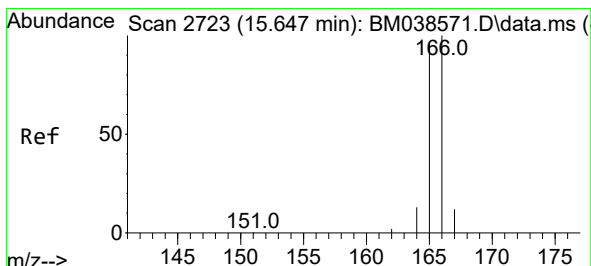
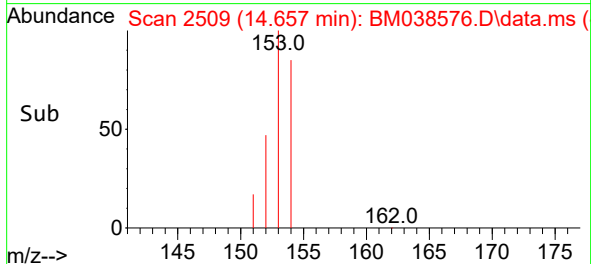
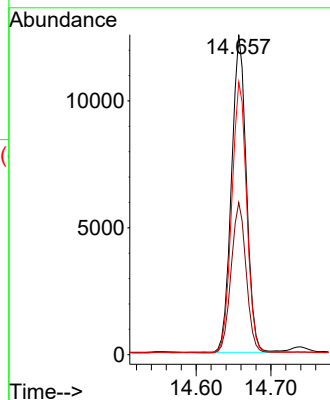
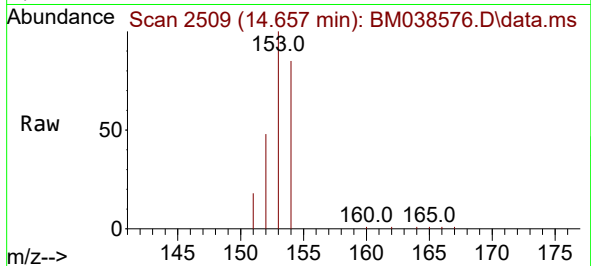




#11
Acenaphthene
Concen: 1.841 ng/ul
RT: 14.657 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038576.D
Acq: 27 Jan 2023 08:52

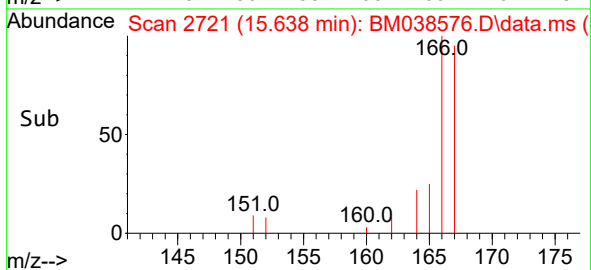
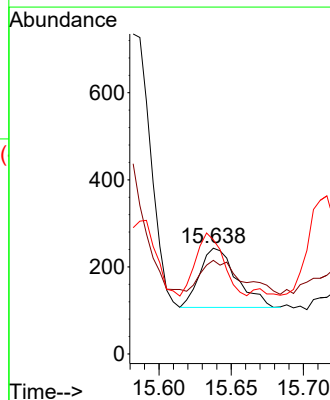
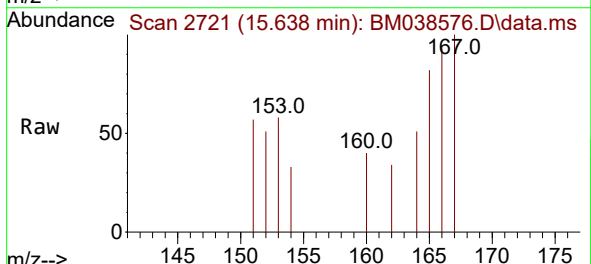
Instrument :
BNA_M
ClientSampleId :
EX9F7

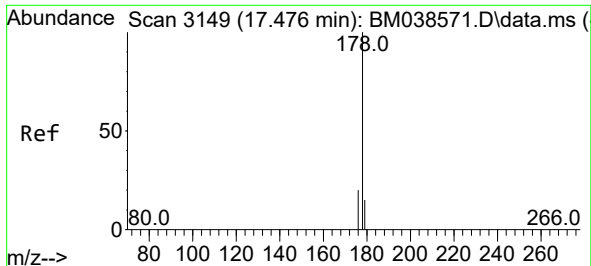
Tgt Ion:153 Resp: 17286
Ion Ratio Lower Upper
153 100
152 47.6 40.1 60.1
154 85.1 68.4 102.6



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.638 min Scan# 2721
Delta R.T. -0.009 min
Lab File: BM038576.D
Acq: 27 Jan 2023 08:52

Tgt Ion:166 Resp: 243
Ion Ratio Lower Upper
166 100
165 88.5 79.3 118.9
167 107.8 11.9 17.9#

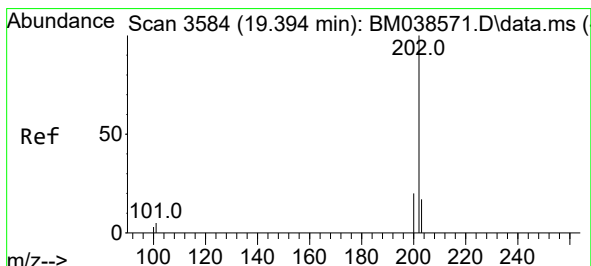
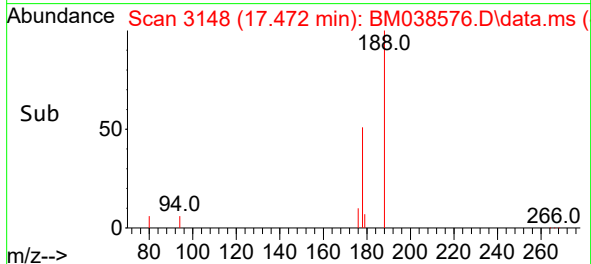
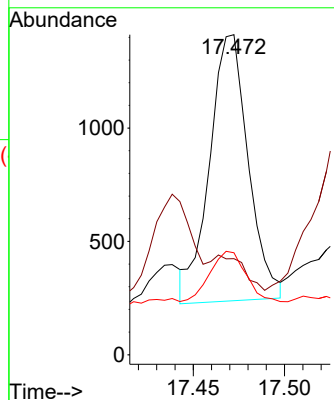
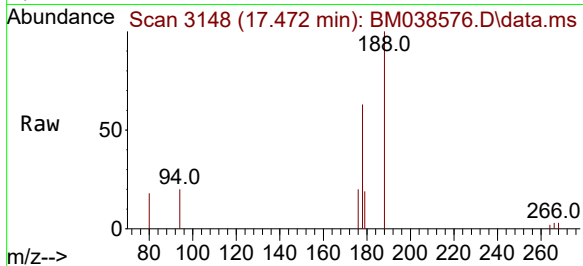




#16
 Anthracene
 Concen: 0.088 ng/ul
 RT: 17.472 min Scan# 3148
 Delta R.T. -0.004 min
 Lab File: BM038576.D
 Acq: 27 Jan 2023 08:52

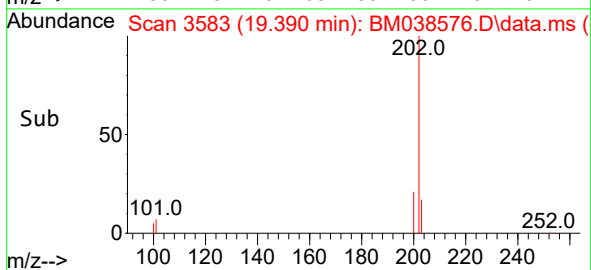
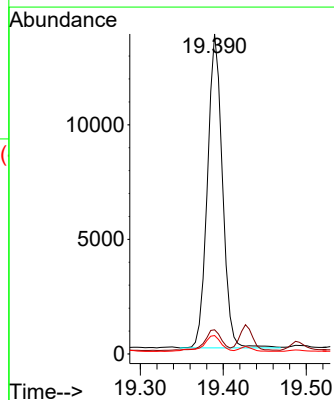
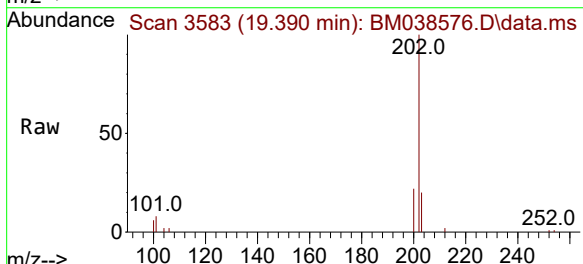
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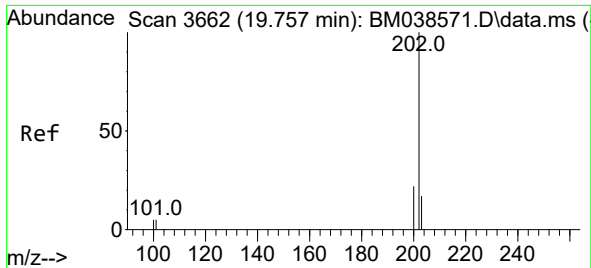
Tgt Ion:178 Resp: 1734
 Ion Ratio Lower Upper
 178 100
 179 30.0 13.2 19.8#
 176 31.9 16.2 24.4#



#19
 Fluoranthene
 Concen: 0.545 ng/ul
 RT: 19.390 min Scan# 3583
 Delta R.T. -0.005 min
 Lab File: BM038576.D
 Acq: 27 Jan 2023 08:52

Tgt Ion:202 Resp: 17224
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.3 7.9
 100 5.7 4.2 6.2

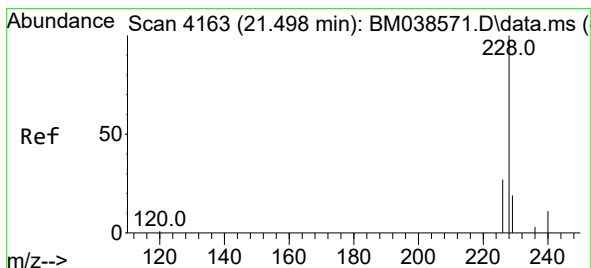
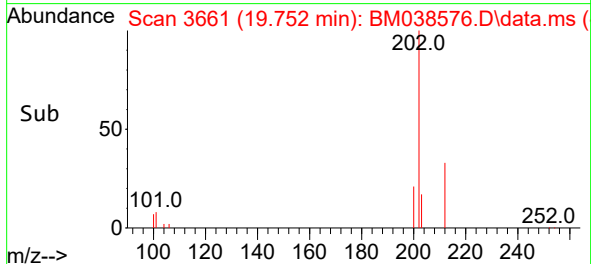
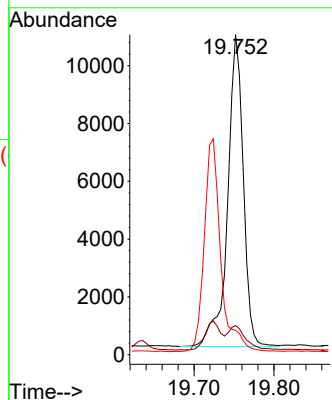
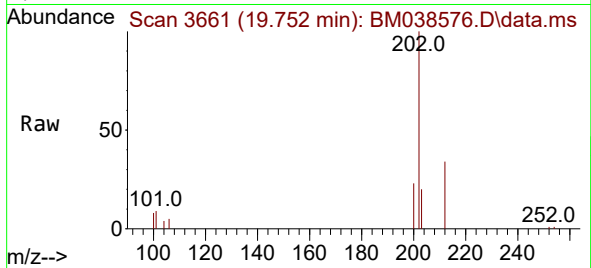




#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM038576.D
Acq: 27 Jan 2023 08:52

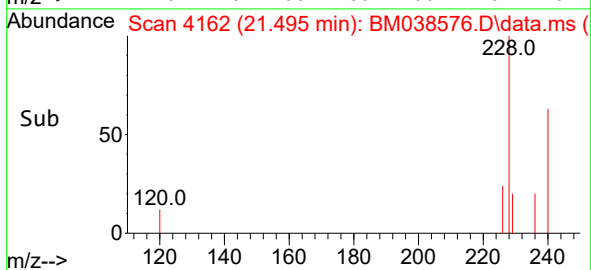
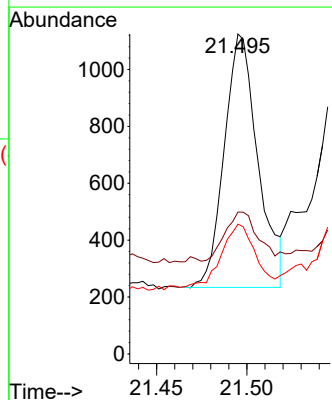
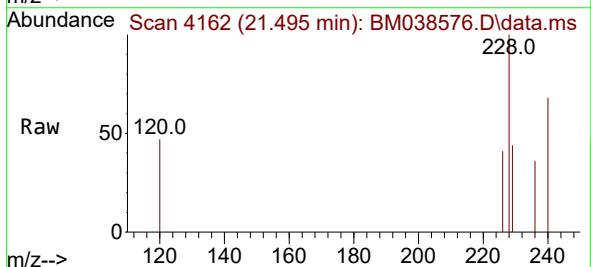
Instrument :
BNA_M
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EX9F7

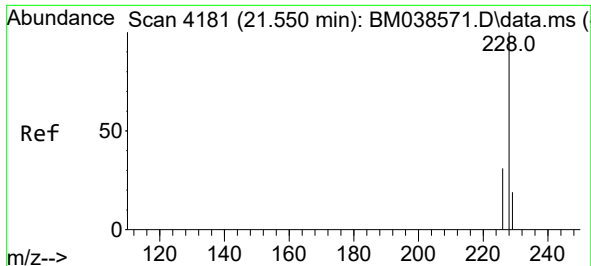
Tgt Ion:202 Resp: 14716
Ion Ratio Lower Upper
202 100
101 9.1 5.9 8.9#
100 7.6 5.2 7.8



#21
Benzo(a)anthracene
Concen: 0.037 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM038576.D
Acq: 27 Jan 2023 08:52

Tgt Ion:228 Resp: 1153
Ion Ratio Lower Upper
228 100
229 44.4 16.7 25.1#
226 40.5 22.2 33.4#





#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.551 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038576.D

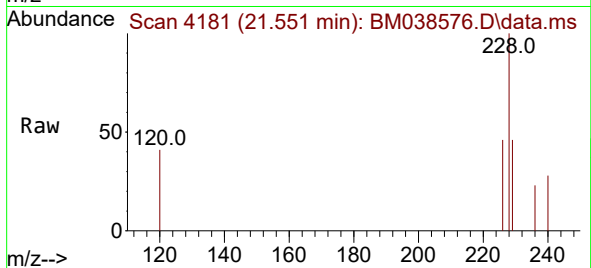
Acq: 27 Jan 2023 08:52

Instrument :

BNA_M

ClientSampleId :

EX9F7



Tgt Ion:228 Resp: 1256

Ion Ratio Lower Upper

228 100

226 46.0 24.6 36.8#

229 46.3 16.2 24.4#

