

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038240.D
 Acq On : 23 Dec 2022 19:44
 Operator : CG/JU
 Sample : N6014-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:24:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

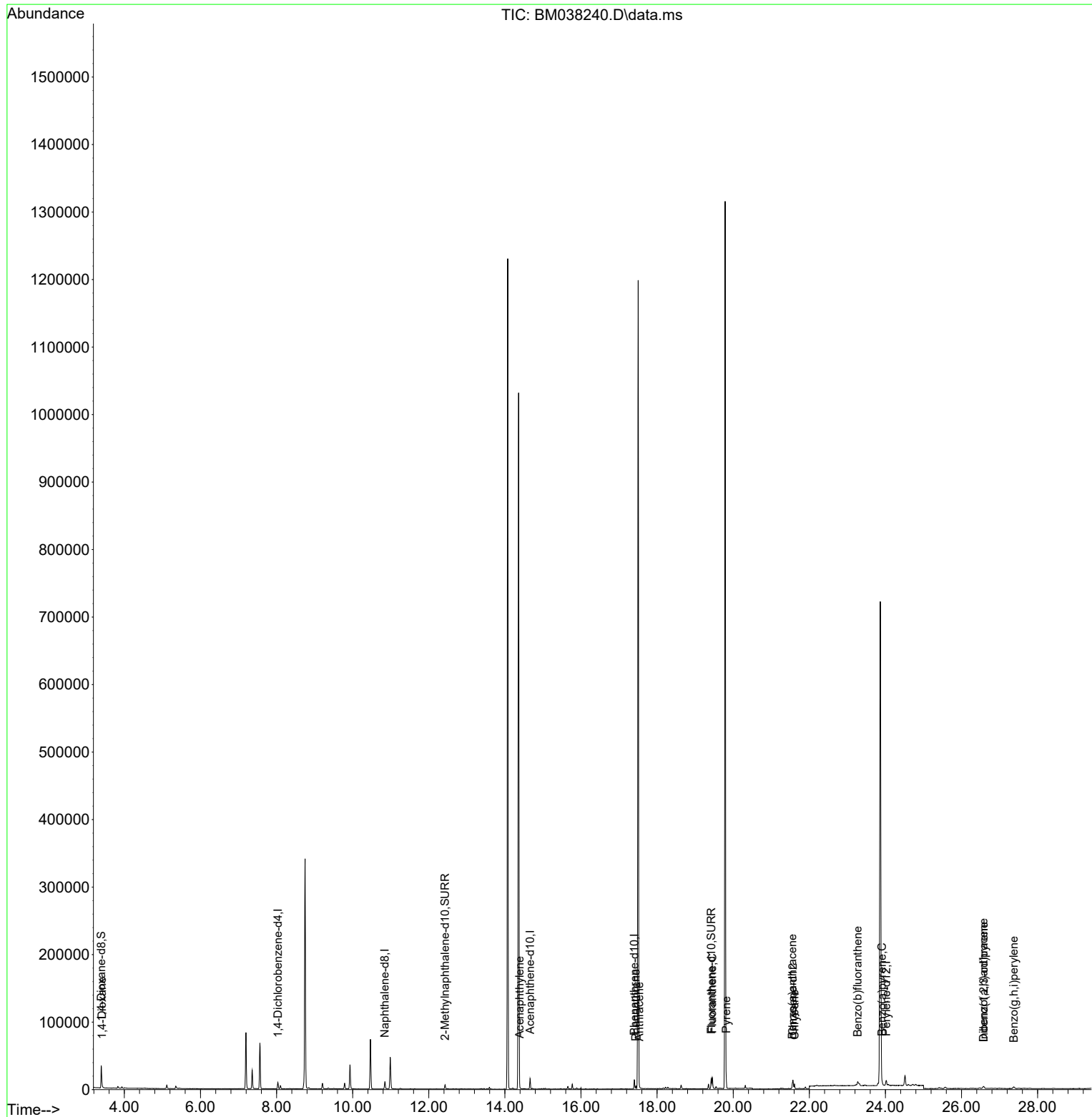
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	14360	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.662	164	7952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	15604	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	9800	0.400	ng/ul	0.00
23) Perylene-d12	24.021	264	10206	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20346	4.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	7668	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	13769	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	401	0.085	ng/ul#	39
10) Acenaphthylene	14.389	152	972	0.022	ng/ul#	68
15) Phenanthrene	17.443	178	4450	0.085	ng/ul#	93
16) Anthracene	17.536	178	1092	0.022	ng/ul#	68
19) Fluoranthene	19.450	202	12679	0.236	ng/ul#	79
20) Pyrene	19.817	202	12892	0.238	ng/ul	98
21) Benzo(a)anthracene	21.553	228	5690	0.132	ng/ul	94
22) Chrysene	21.609	228	6555	0.157	ng/ul#	93
24) Benzo(b)fluoranthene	23.272	252	10037	0.222	ng/ul	77
26) Benzo(a)pyrene	23.912	252	6344	0.161	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.582	276	5449	0.100	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.579	278	1428	0.034	ng/ul#	1
29) Benzo(g,h,i)perylene	27.374	276	5552	0.121	ng/ul#	83

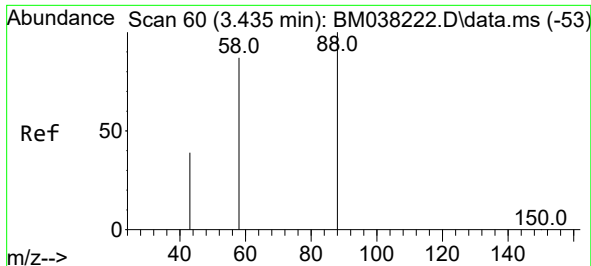
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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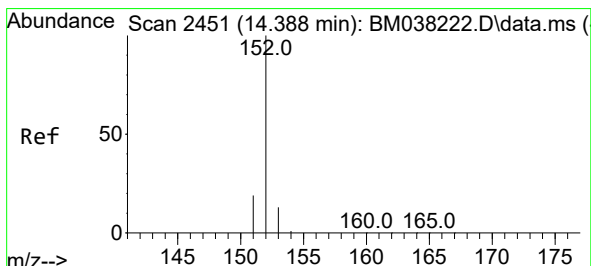
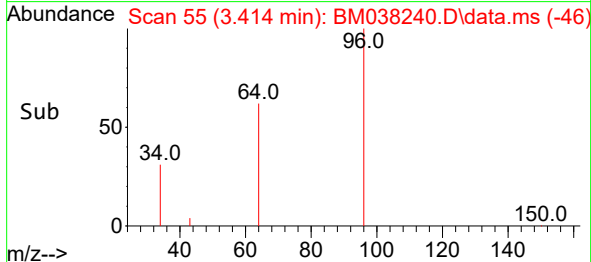
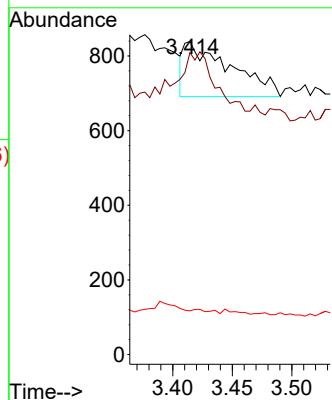
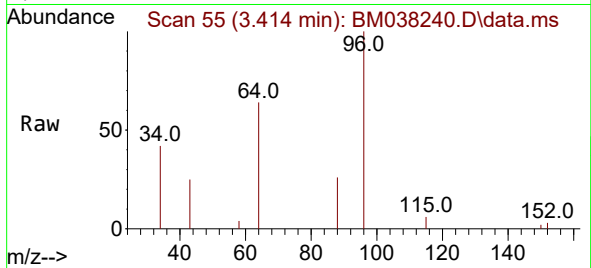




#2
 1,4-Dioxane
 Concen: 0.085 ng/ul
 RT: 3.414 min Scan# 51
 Delta R.T. -0.021 min
 Lab File: BM038240.D
 Acq: 23 Dec 2022 19:44

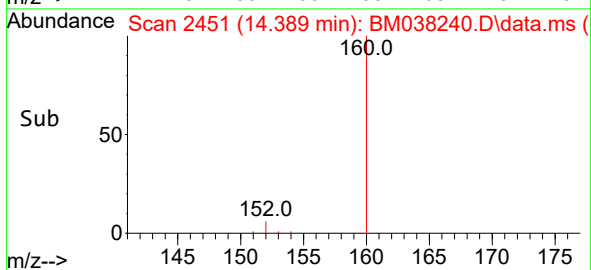
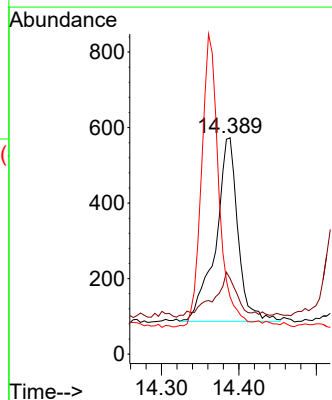
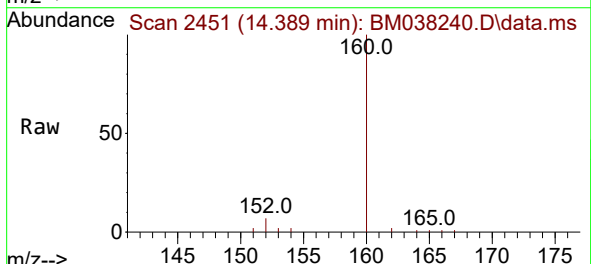
Instrument :
 BNA_M
 ClientSampleId :

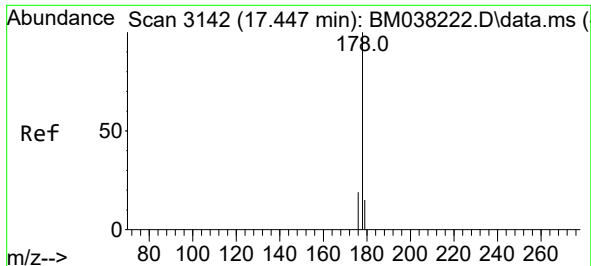
Tgt Ion: 88 Resp: 401
 Ion Ratio Lower Upper
 88 100
 43 96.4 46.4 69.6#
 58 13.9 56.9 85.3#



#10
 Acenaphthylene
 Concen: 0.022 ng/ul
 RT: 14.389 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BM038240.D
 Acq: 23 Dec 2022 19:44

Tgt Ion: 152 Resp: 972
 Ion Ratio Lower Upper
 152 100
 151 34.9 16.2 24.2#
 153 26.4 10.7 16.1#

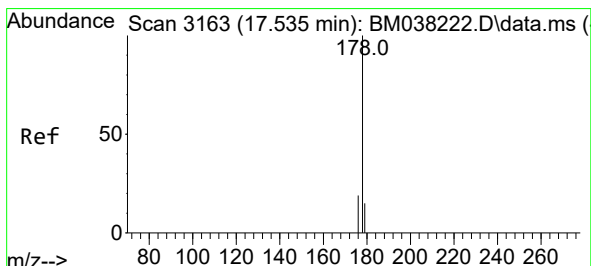
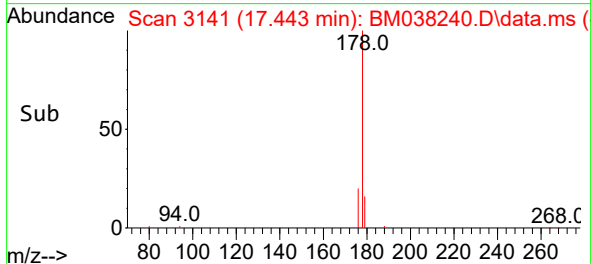
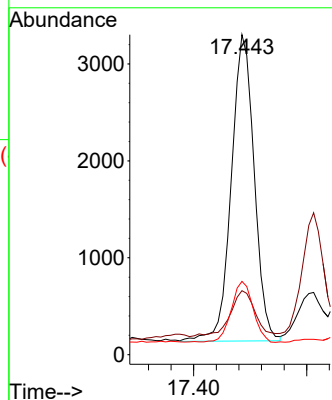
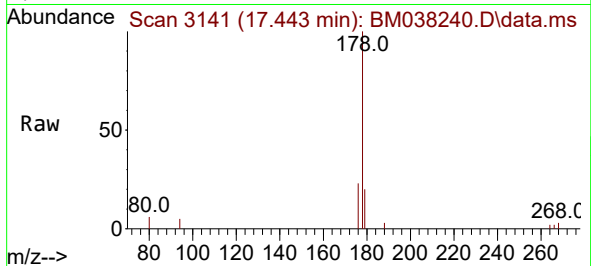




#15
Phenanthrene
Concen: 0.085 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

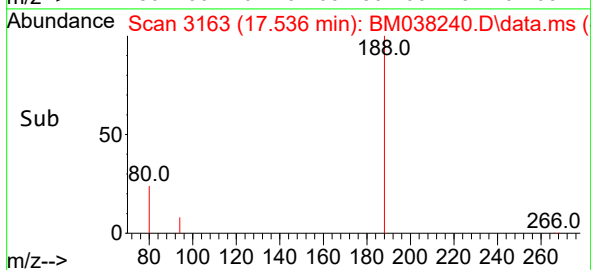
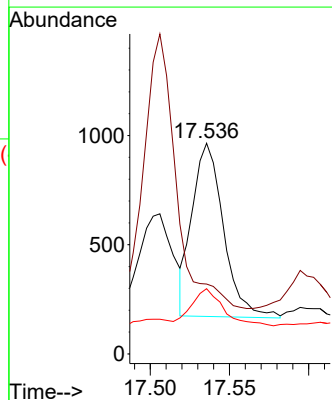
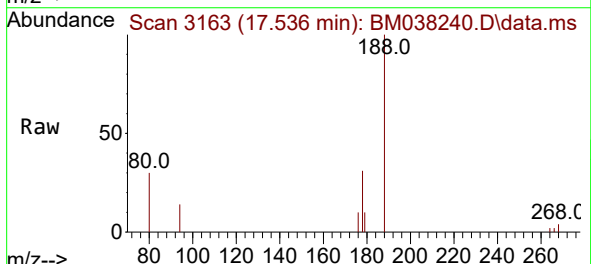
Instrument :
BNA_M
ClientSampleId :

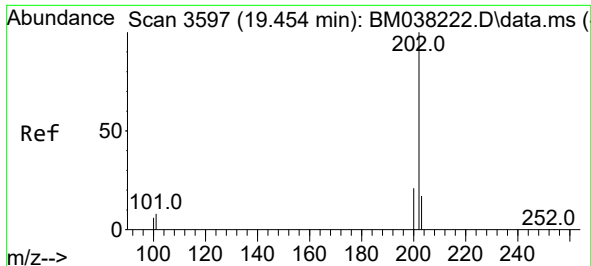
Tgt Ion:178 Resp: 4450
Ion Ratio Lower Upper
178 100
179 20.0 13.0 19.4#
176 22.9 16.2 24.4



#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

Tgt Ion:178 Resp: 1092
Ion Ratio Lower Upper
178 100
179 33.2 13.0 19.6#
176 31.0 15.6 23.4#

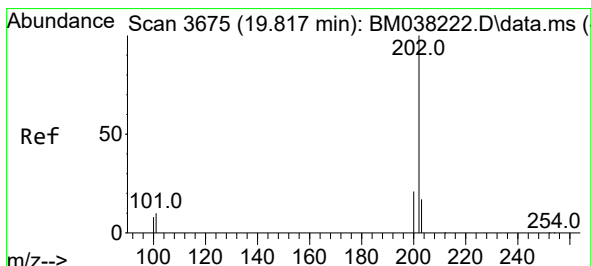
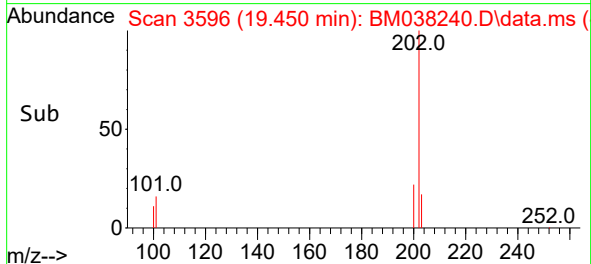
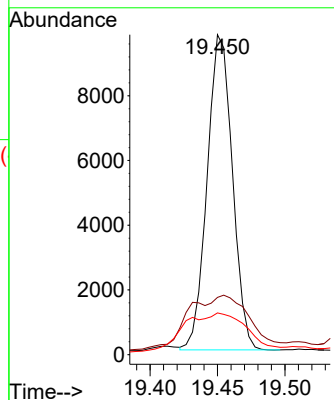
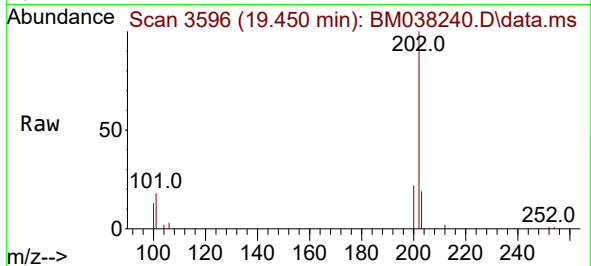




#19
Fluoranthene
Concen: 0.236 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.004 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

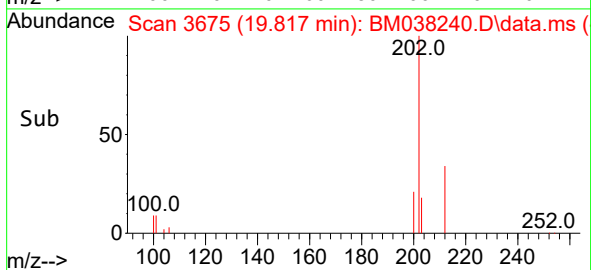
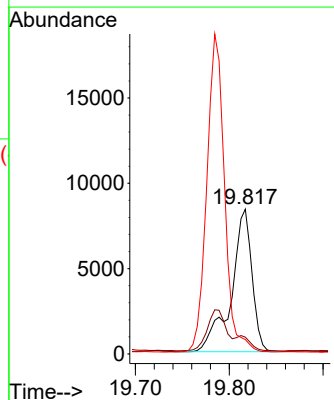
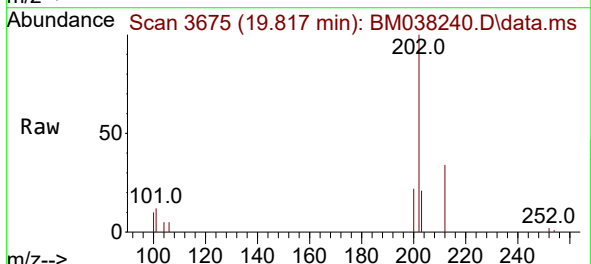
Instrument :
BNA_M
ClientSampleId :

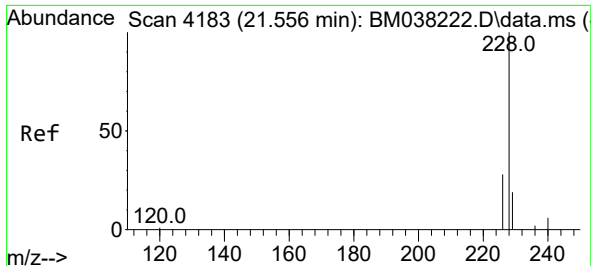
Tgt Ion:202 Resp: 12679
Ion Ratio Lower Upper
202 100
101 17.9 7.5 11.3#
100 13.0 5.6 8.4#



#20
Pyrene
Concen: 0.238 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

Tgt Ion:202 Resp: 12892
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
100 10.0 7.4 11.0

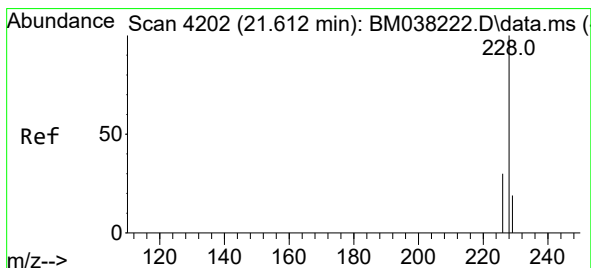
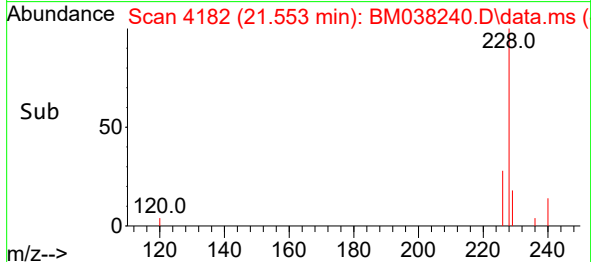
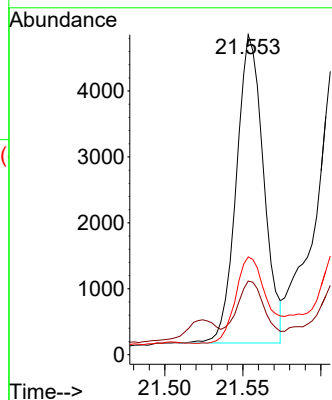
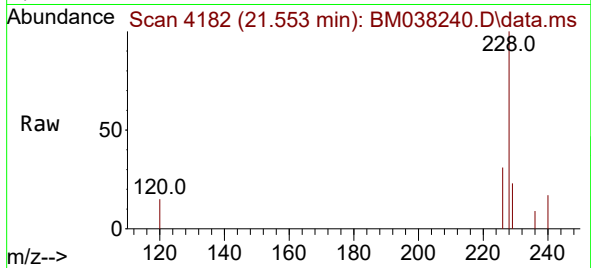




#21
Benzo(a)anthracene
Concen: 0.132 ng/ul
RT: 21.553 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

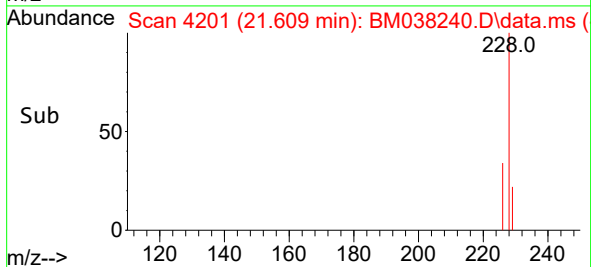
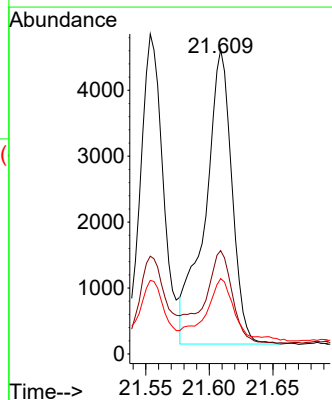
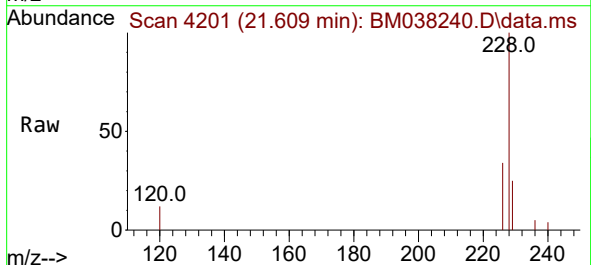
Instrument :
BNA_M
ClientSampleId :

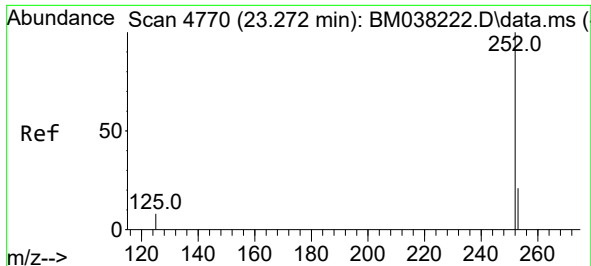
Tgt Ion:228 Resp: 5690
Ion Ratio Lower Upper
228 100
229 23.0 15.5 23.3
226 30.5 22.2 33.2



#22
Chrysene
Concen: 0.157 ng/ul
RT: 21.609 min Scan# 4201
Delta R.T. -0.003 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

Tgt Ion:228 Resp: 6555
Ion Ratio Lower Upper
228 100
226 33.9 25.0 37.4
229 24.8 16.0 24.0#

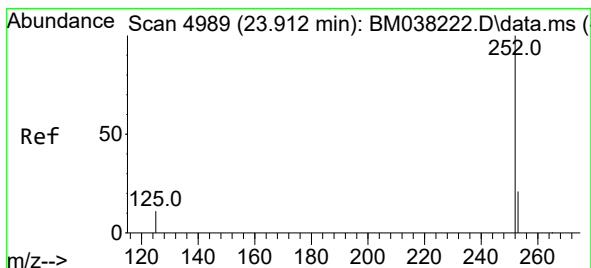
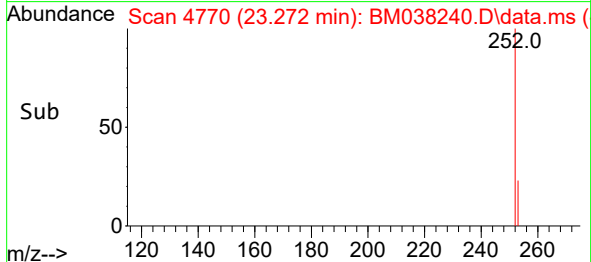
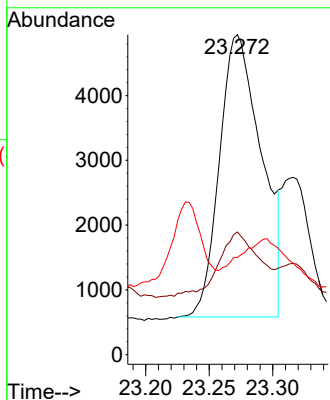
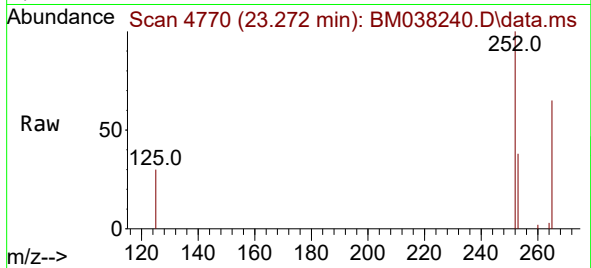




#24
Benzo(b)fluoranthene
Concen: 0.222 ng/ul
RT: 23.272 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

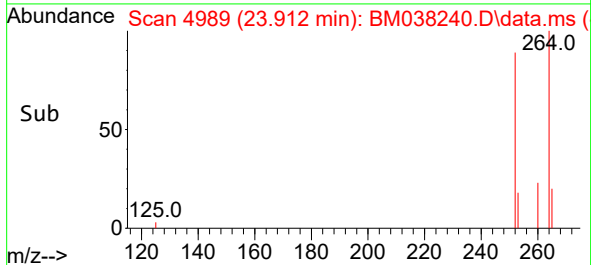
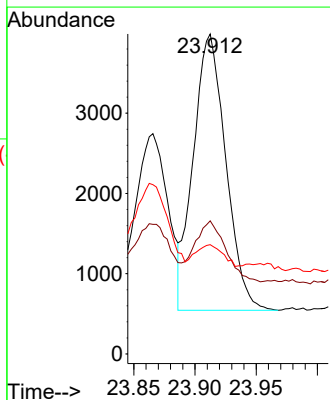
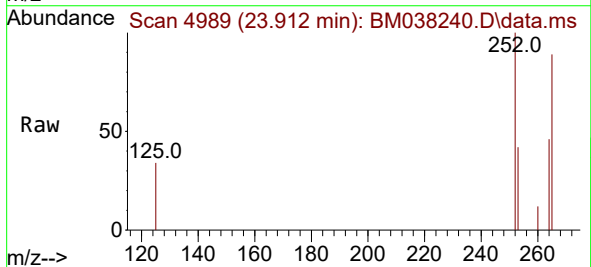
Instrument :
BNA_M
ClientSampleId :

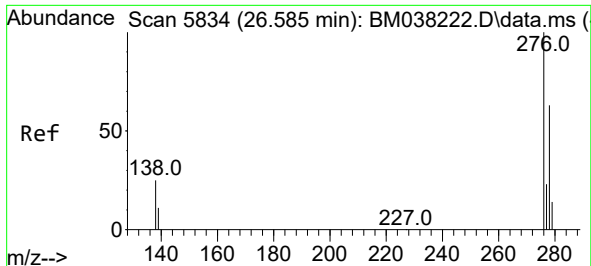
Tgt Ion:252 Resp: 10037
Ion Ratio Lower Upper
252 100
253 38.3 0.0 56.0
125 30.4 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.161 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038240.D
Acq: 23 Dec 2022 19:44

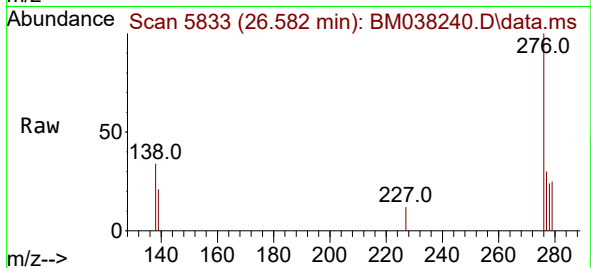
Tgt Ion:252 Resp: 6344
Ion Ratio Lower Upper
252 100
253 41.6 24.2 36.4#
125 34.2 17.3 25.9#



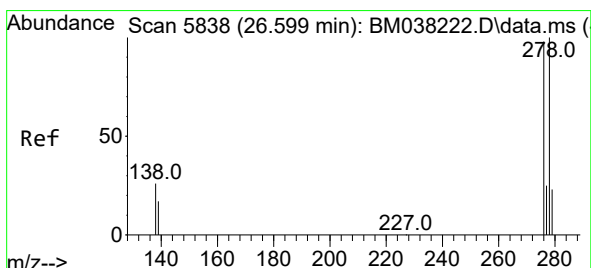
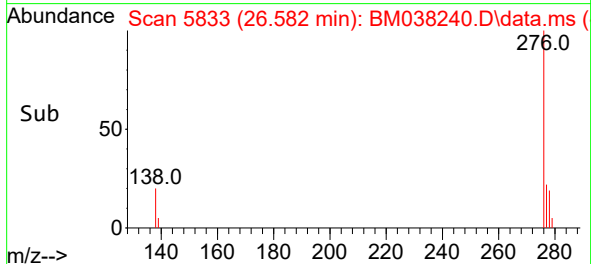
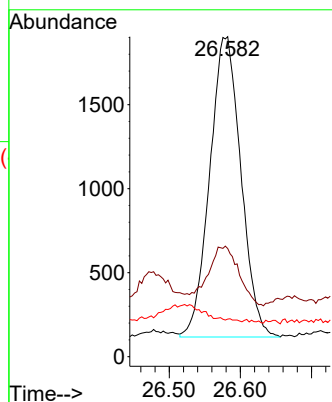


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.100 ng/ul
 RT: 26.582 min Scan# 5833
 Delta R.T. 0.000 min
 Lab File: BM038240.D
 Acq: 23 Dec 2022 19:44

Instrument :
 BNA_M
 ClientSampleId :

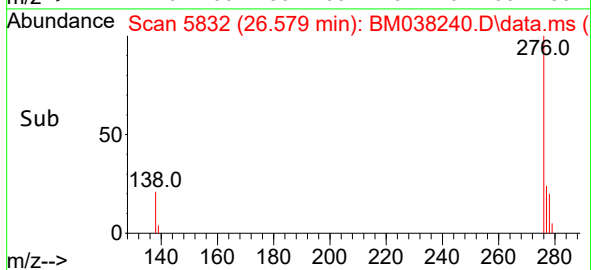
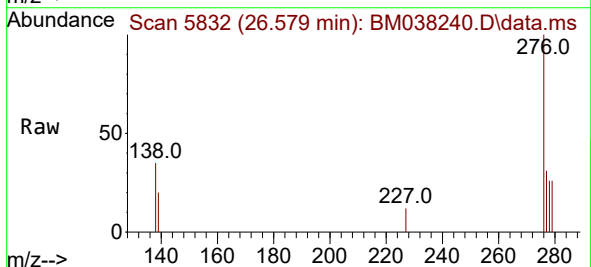
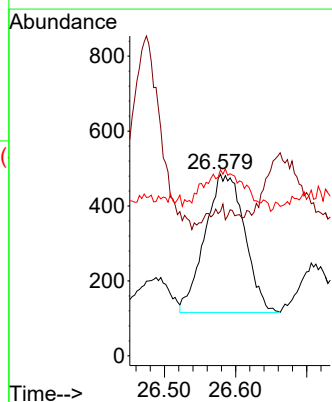


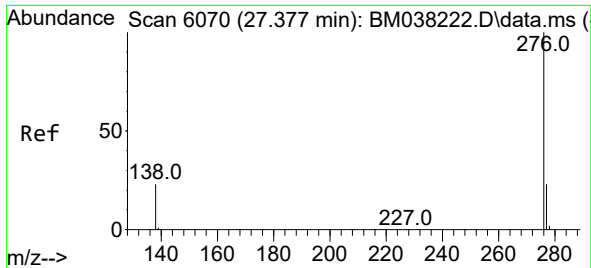
Tgt Ion:276 Resp: 5449
 Ion Ratio Lower Upper
 276 100
 138 19.2 21.7 32.5#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.034 ng/ul
 RT: 26.579 min Scan# 5832
 Delta R.T. -0.017 min
 Lab File: BM038240.D
 Acq: 23 Dec 2022 19:44

Tgt Ion:278 Resp: 1428
 Ion Ratio Lower Upper
 278 100
 139 79.6 16.8 25.2#
 279 102.5 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.121 ng/ul

RT: 27.374 min Scan# 6069

Delta R.T. 0.004 min

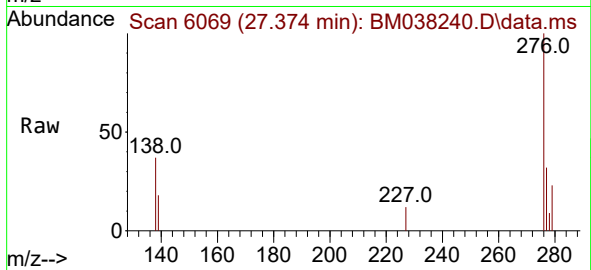
Lab File: BM038240.D

Acq: 23 Dec 2022 19:44

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 5552

Ion Ratio Lower Upper

276 100

138 36.6 20.8 31.2#

277 31.9 20.5 30.7#

