

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038252.D
 Acq On : 24 Dec 2022 02:58
 Operator : CG/JU
 Sample : N6015-09DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 03:48:00 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)

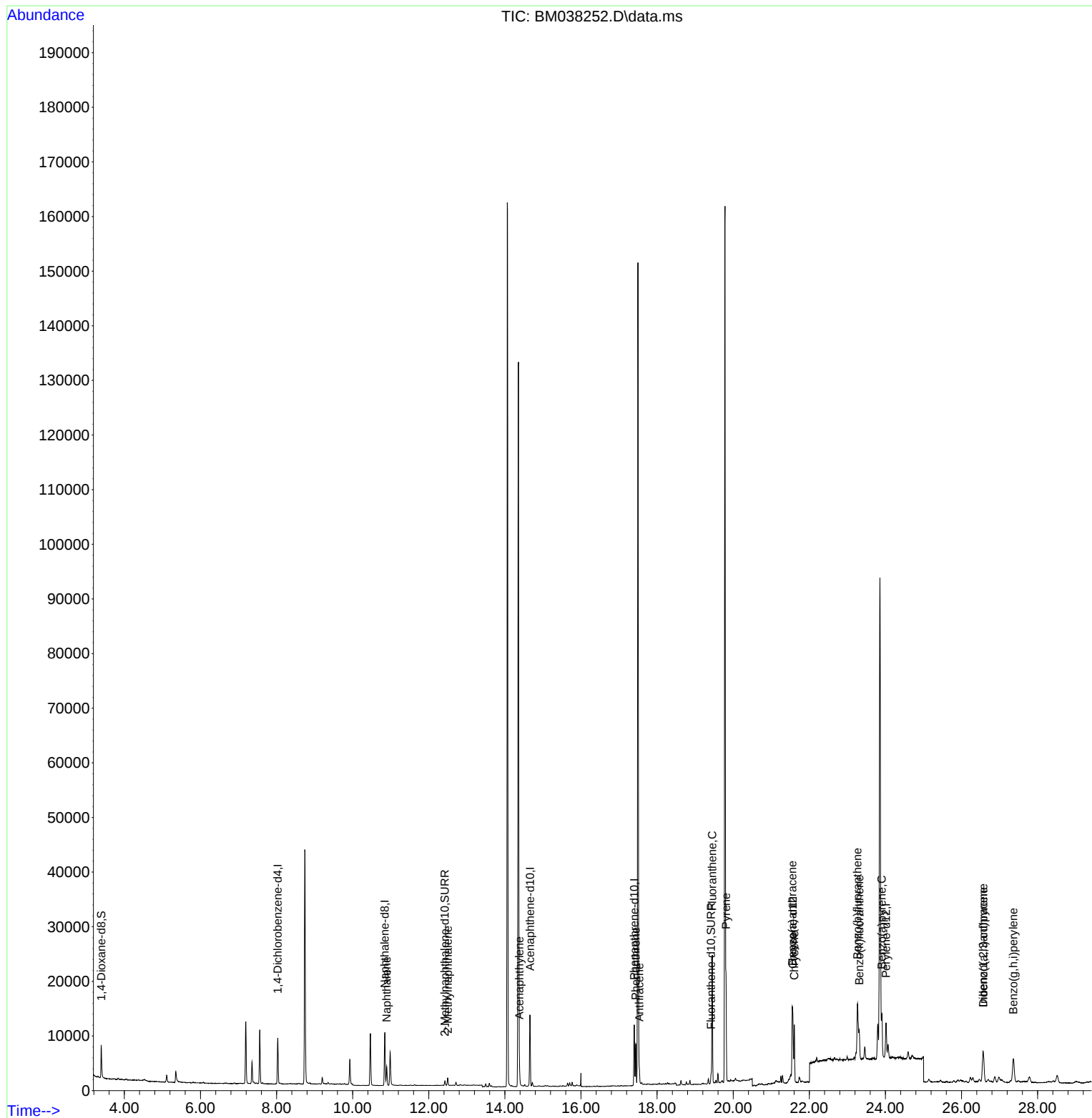
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4262	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.845	136	12555	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	6969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	13301	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8179	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	8568	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	3782	0.872	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	1059	0.057	ng/ul	-0.01
18) Fluoranthene-d10	19.417	212	1761	0.057	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.894	128	4575	0.124	ng/ul	96
7) 2-Methylnaphthalene	12.500	142	951	0.042	ng/ul	98
10) Acenaphthylene	14.384	152	3274	0.085	ng/ul#	92
15) Phenanthrene	17.443	178	7751	0.174	ng/ul	98
16) Anthracene	17.531	178	2775	0.065	ng/ul#	89
19) Fluoranthene	19.450	202	19821	0.442	ng/ul	99
20) Pyrene	19.812	202	16625m	0.367	ng/ul	
21) Benzo(a)anthracene	21.550	228	10573	0.295	ng/ul	94
22) Chrysene	21.606	228	10663	0.305	ng/ul	95
24) Benzo(b)fluoranthene	23.266	252	17847	0.471	ng/ul	93
25) Benzo(k)fluoranthene	23.313	252	6426m	0.176	ng/ul	
26) Benzo(a)pyrene	23.906	252	11666	0.353	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.569	276	10062	0.219	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.572	278	2463	0.069	ng/ul#	33
29) Benzo(g,h,i)perylene	27.363	276	10014	0.259	ng/ul	95

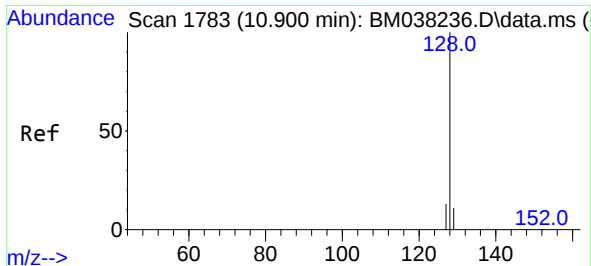
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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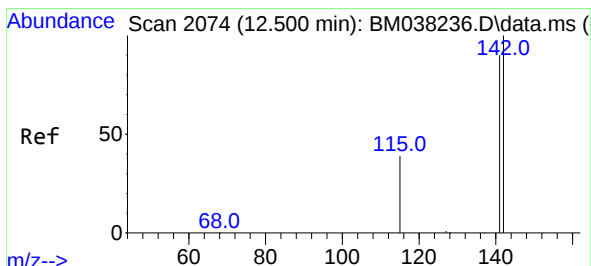
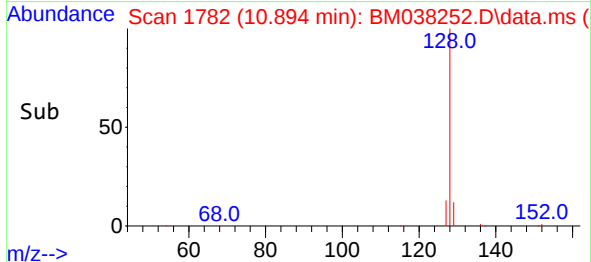
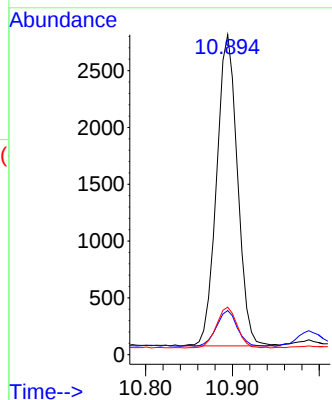
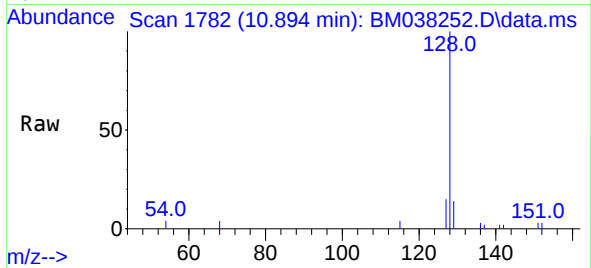




#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.894 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

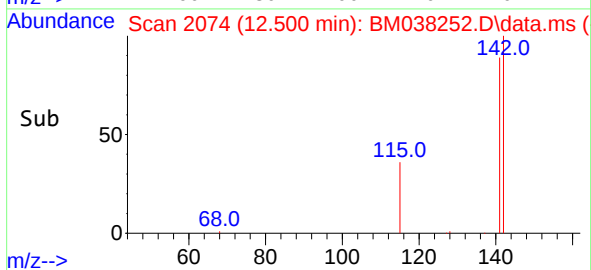
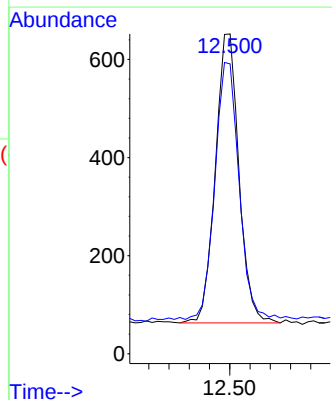
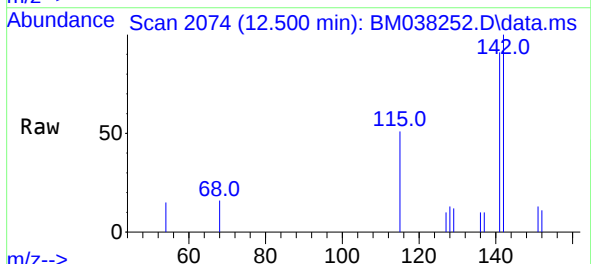
Instrument :
BNA_M
ClientSampleId :

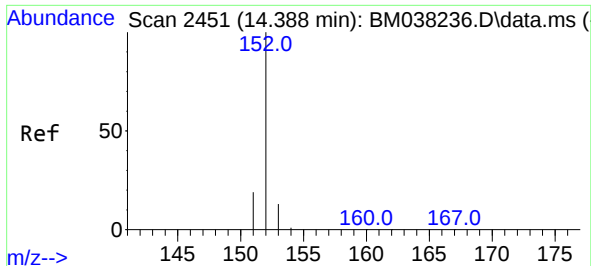
Tgt Ion:128 Resp: 4575
Ion Ratio Lower Upper
128 100
129 13.8 9.4 14.0
127 14.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

Tgt Ion:142 Resp: 951
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9

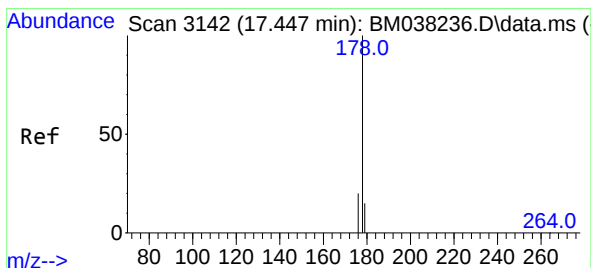
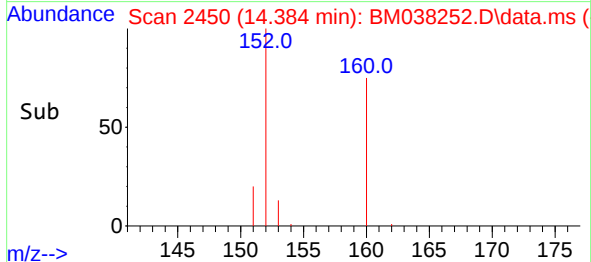
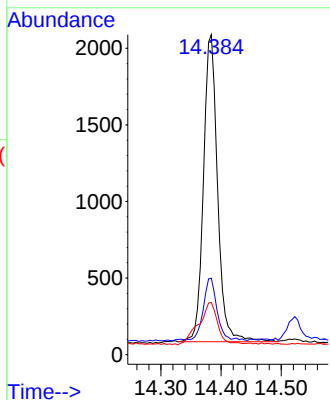
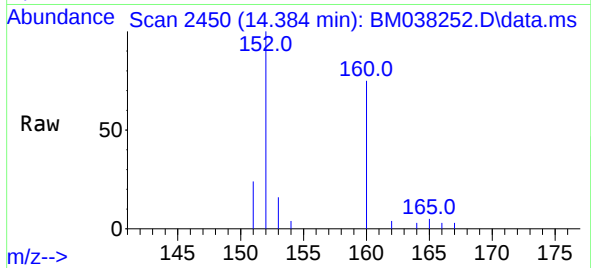




#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.384 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

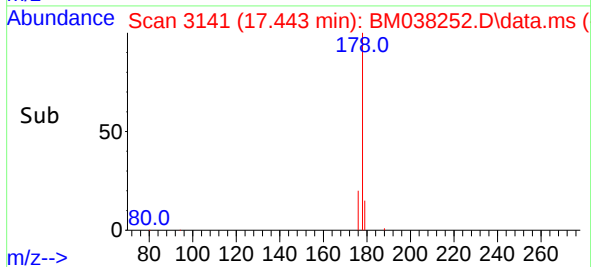
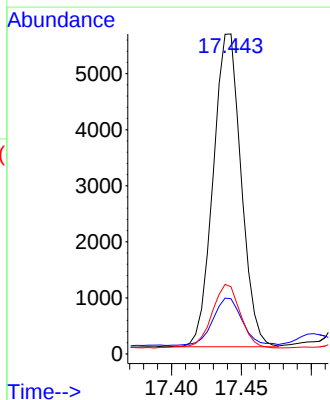
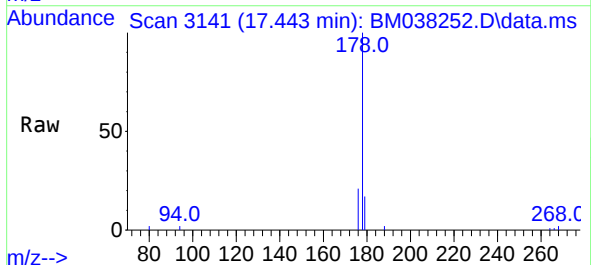
Instrument :
BNA_M
ClientSampleId :

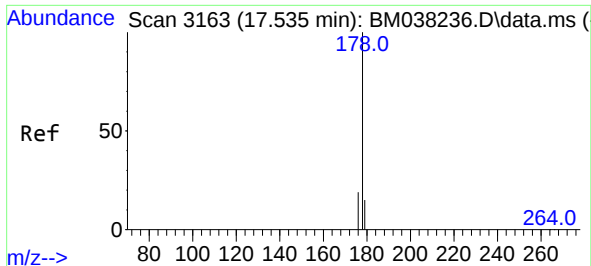
Tgt Ion:152 Resp: 3274
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.2
153 16.3 10.7 16.1#



#15
Phenanthrene
Concen: 0.174 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

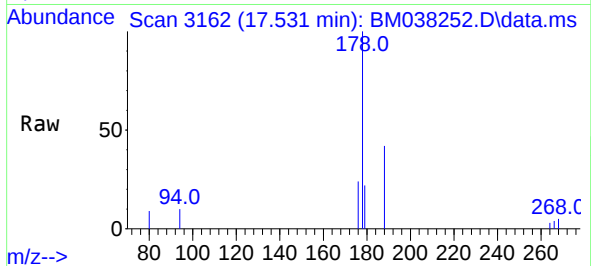
Tgt Ion:178 Resp: 7751
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 21.0 16.2 24.4



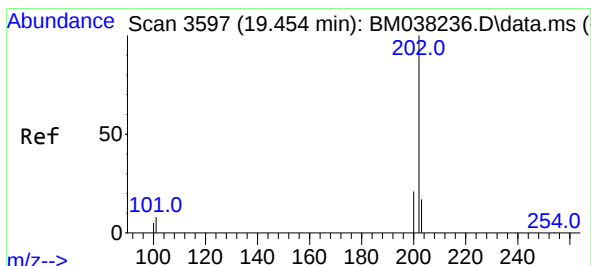
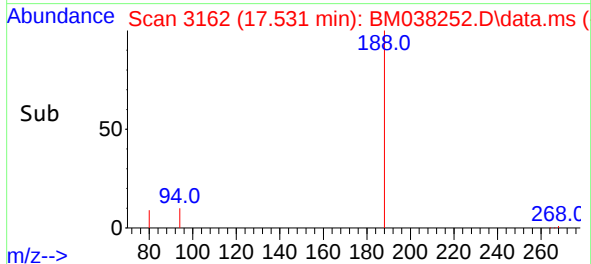
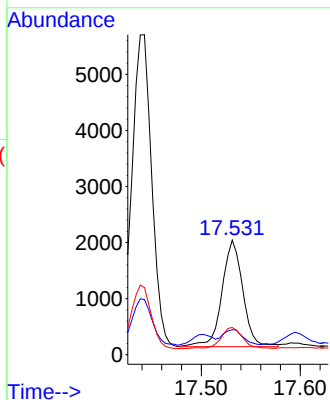


#16
 Anthracene
 Concen: 0.065 ng/ul
 RT: 17.531 min Scan# 3163
 Delta R.T. -0.008 min
 Lab File: BM038252.D
 Acq: 24 Dec 2022 02:58

Instrument :
 BNA_M
 ClientSampleId :

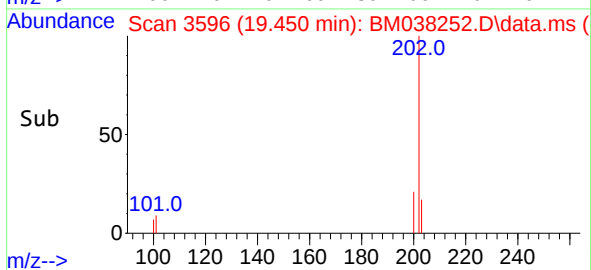
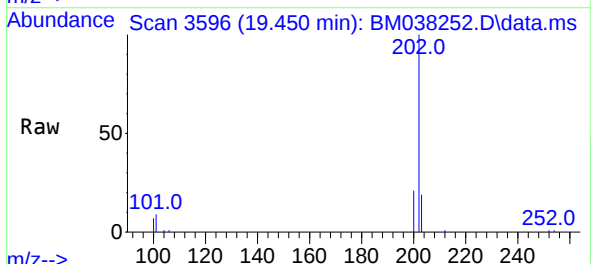
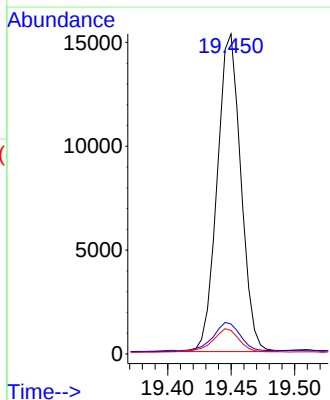


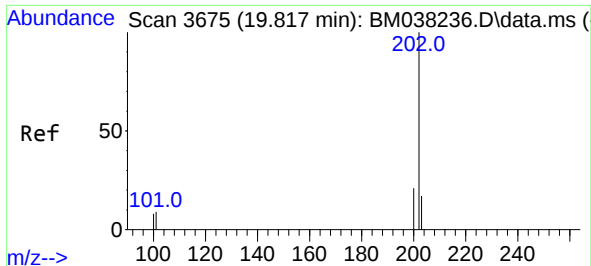
Tgt Ion:178 Resp: 2775
 Ion Ratio Lower Upper
 178 100
 179 21.8 13.0 19.6#
 176 23.7 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.442 ng/ul
 RT: 19.450 min Scan# 3596
 Delta R.T. -0.005 min
 Lab File: BM038252.D
 Acq: 24 Dec 2022 02:58

Tgt Ion:202 Resp: 19821
 Ion Ratio Lower Upper
 202 100
 101 9.4 7.5 11.3
 100 7.4 5.6 8.4

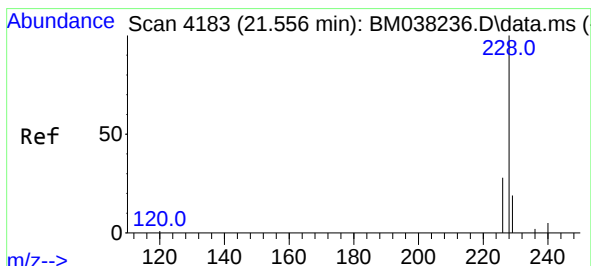
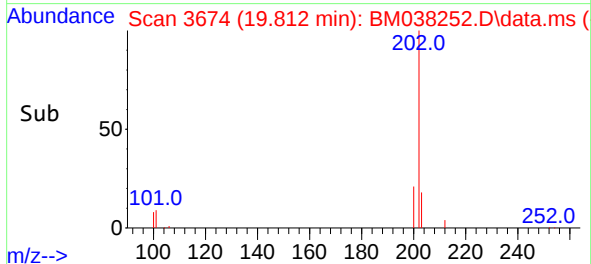
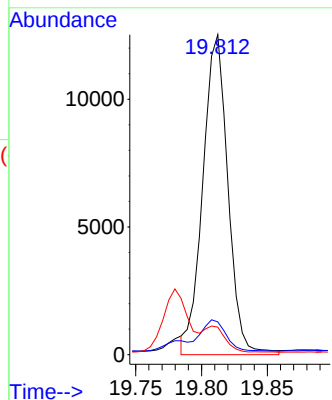
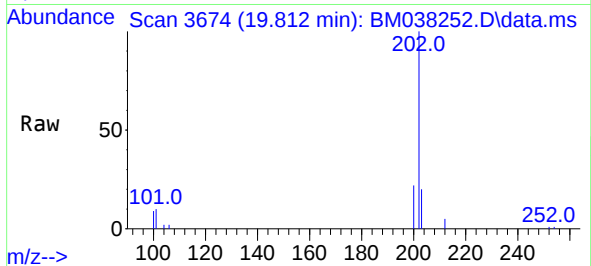




#20
Pyrene
Concen: 0.367 ng/ul m
RT: 19.812 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

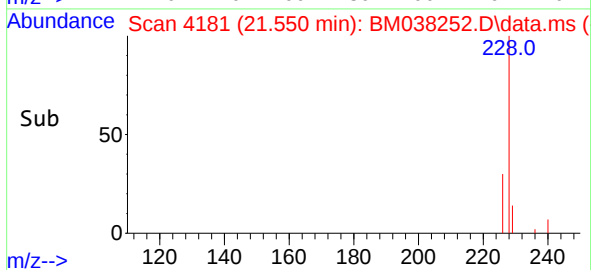
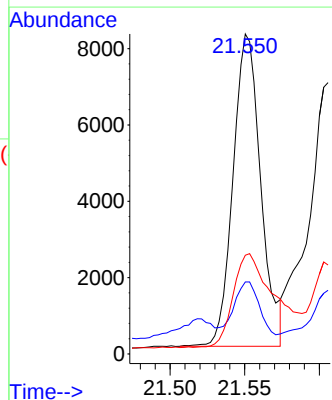
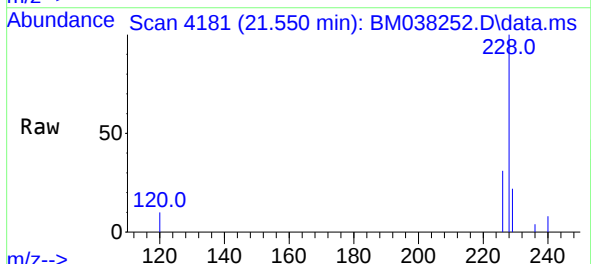
Instrument :
BNA_M
ClientSampleId :

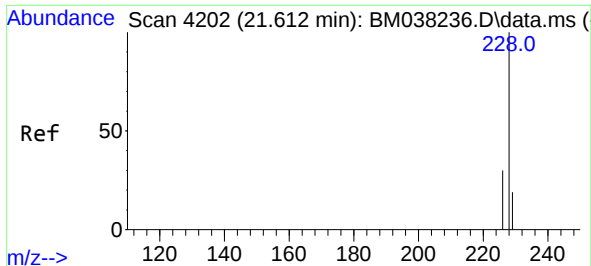
Tgt Ion:202 Resp: 16625
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.6 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.009 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

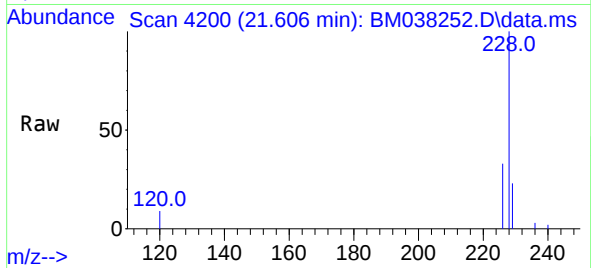
Tgt Ion:228 Resp: 10573
Ion Ratio Lower Upper
228 100
229 22.5 15.5 23.3
226 30.8 22.2 33.2



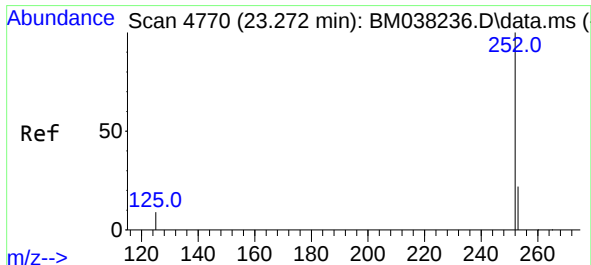
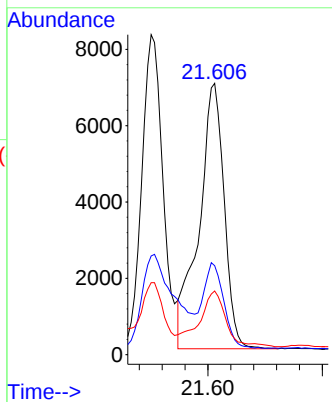
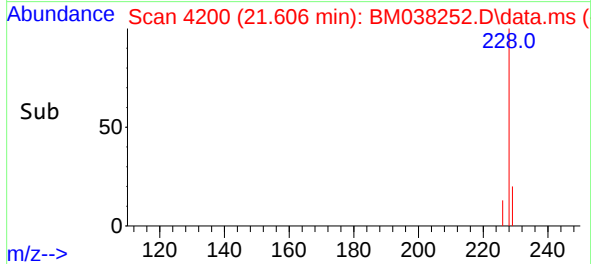


#22
Chrysene
Concen: 0.305 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

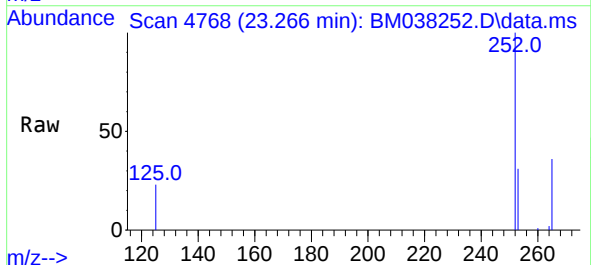
Instrument :
BNA_M
ClientSampleId :



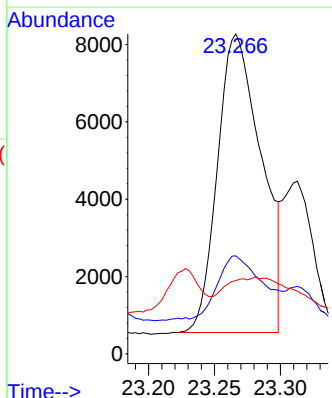
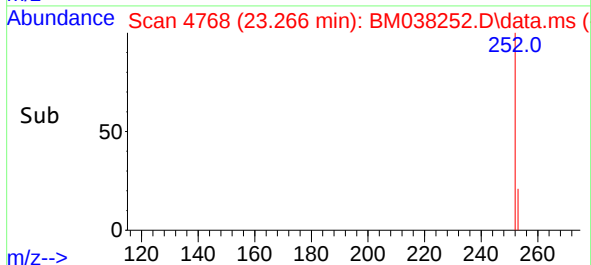
Tgt Ion:228 Resp: 10663
Ion Ratio Lower Upper
228 100
226 32.8 25.0 37.4
229 23.5 16.0 24.0

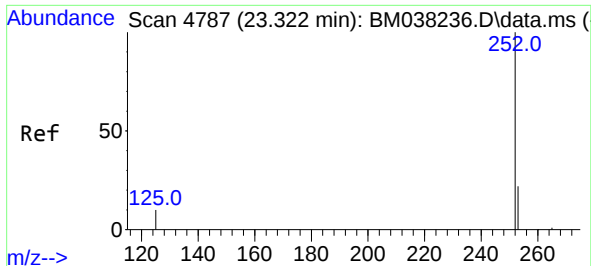


#24
Benzo(b)fluoranthene
Concen: 0.471 ng/u1
RT: 23.266 min Scan# 4768
Delta R.T. -0.006 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58



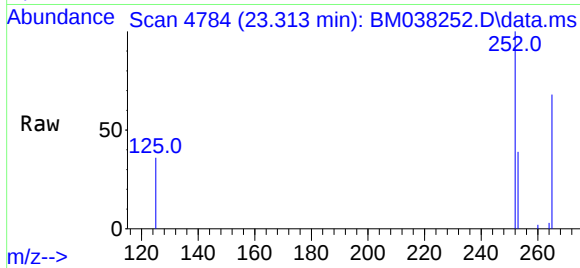
Tgt Ion:252 Resp: 17847
Ion Ratio Lower Upper
252 100
253 30.6 0.0 56.0
125 22.9 0.0 36.6



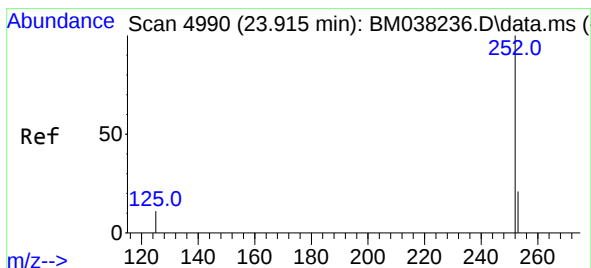
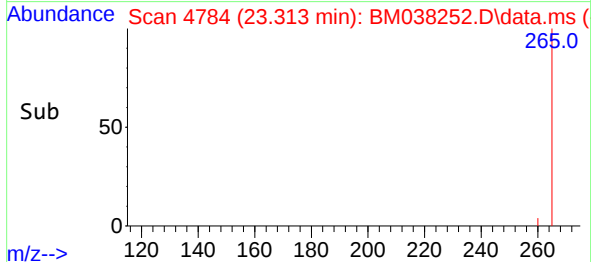
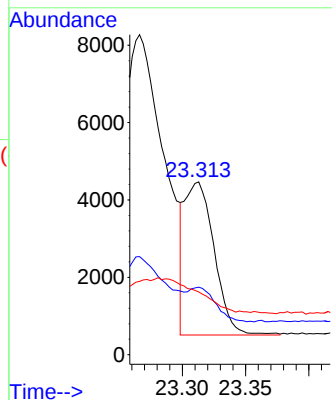


#25
Benzo(k)fluoranthene
Concen: 0.176 ng/ul m
RT: 23.313 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

Instrument :
BNA_M
ClientSampleId :

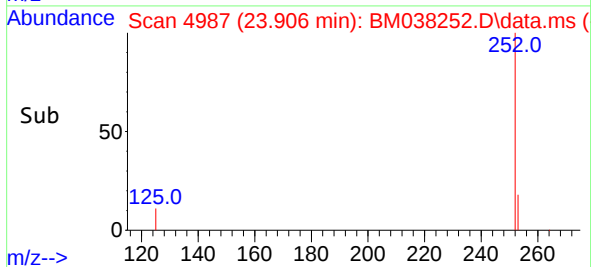
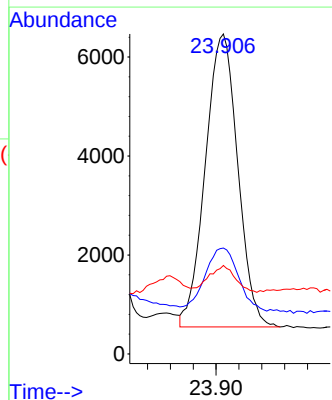
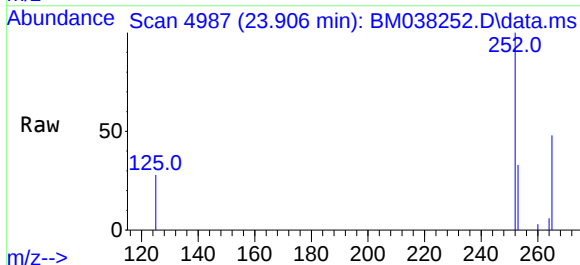


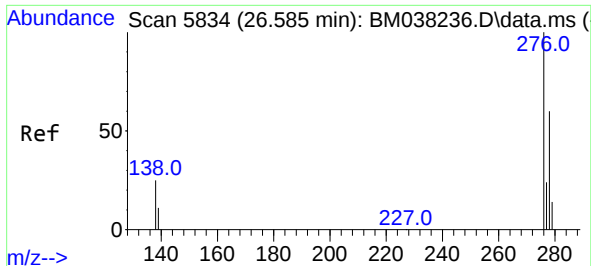
Tgt Ion:252 Resp: 6426
Ion Ratio Lower Upper
252 100
253 39.1 22.5 33.7#
125 36.3 14.4 21.6#



#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. -0.006 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

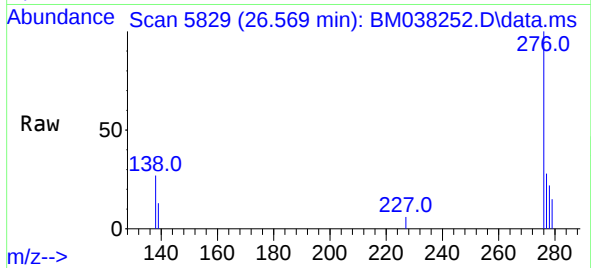
Tgt Ion:252 Resp: 11666
Ion Ratio Lower Upper
252 100
253 33.1 24.2 36.4
125 27.6 17.3 25.9#



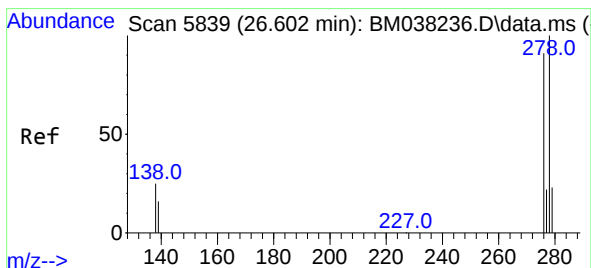
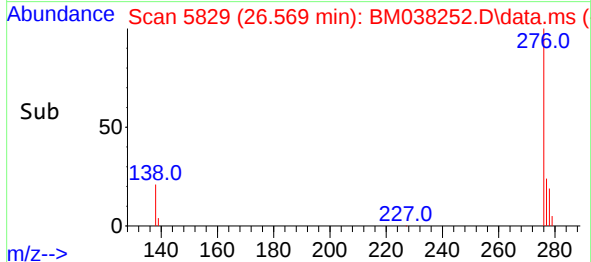
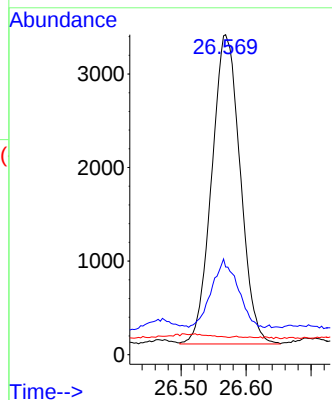


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. -0.013 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

Instrument :
BNA_M
ClientSampleId :

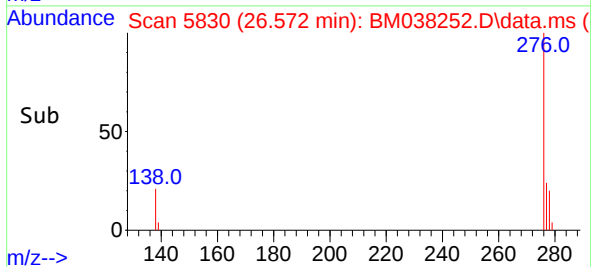
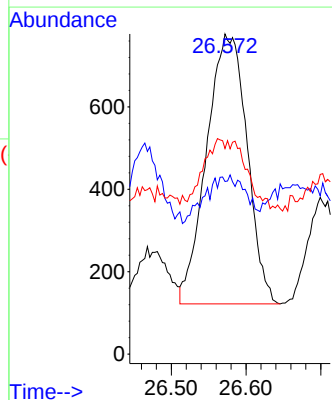
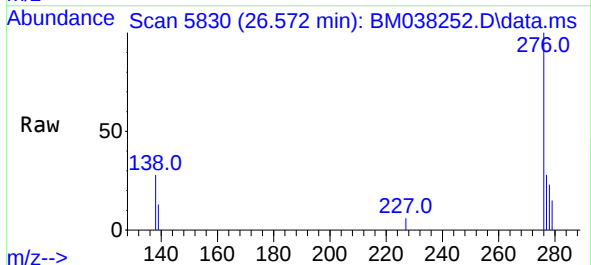


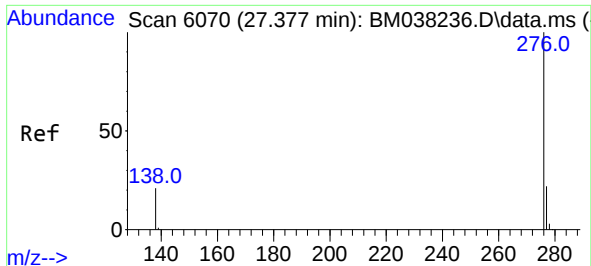
Tgt Ion:276 Resp: 10062
Ion Ratio Lower Upper
276 100
138 20.9 21.7 32.5#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.023 min
Lab File: BM038252.D
Acq: 24 Dec 2022 02:58

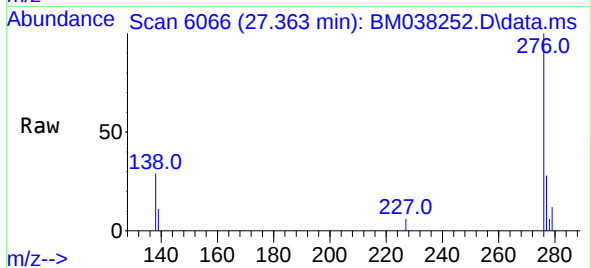
Tgt Ion:278 Resp: 2463
Ion Ratio Lower Upper
278 100
139 53.9 16.8 25.2#
279 64.2 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.259 ng/ul
 RT: 27.363 min Scan# 6066
 Delta R.T. -0.007 min
 Lab File: BM038252.D
 Acq: 24 Dec 2022 02:58

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	10014
Ion	Ratio	Lower	Upper
276	100		
138	28.9	20.8	31.2
277	27.7	20.5	30.7

