

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038225.D
 Acq On : 23 Dec 2022 09:52
 Operator : CG/JU
 Sample : N6014-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:22:27 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)

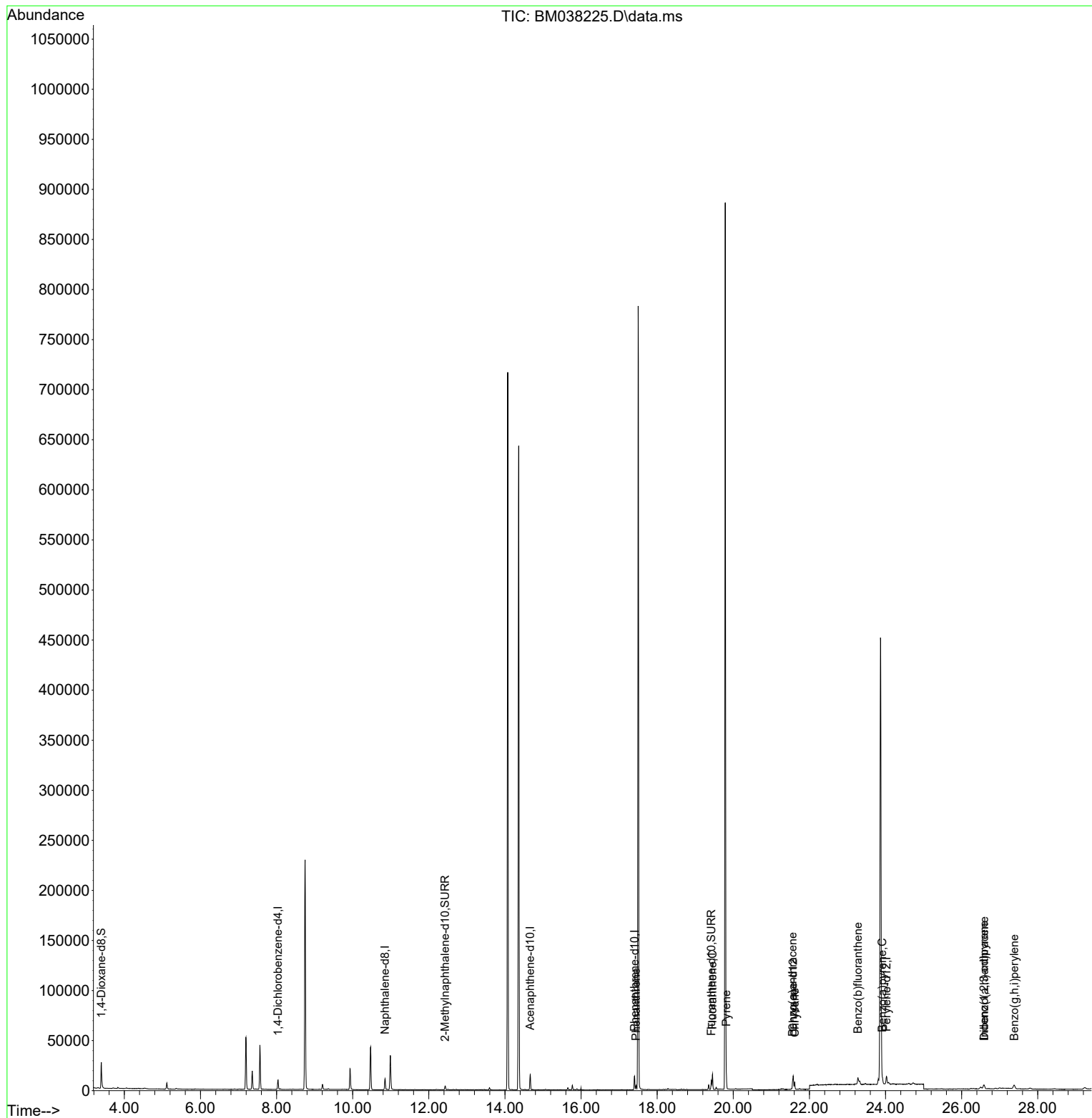
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4834	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16232	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	10703	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	10598	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	16568	3.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4795	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	8965	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.447	178	4712	0.087	ng/ul	95
19) Fluoranthene	19.455	202	12479	0.213	ng/ul#	93
20) Pyrene	19.817	202	12820	0.216	ng/ul	98
21) Benzo(a)anthracene	21.556	228	6232	0.133	ng/ul	94
22) Chrysene	21.612	228	7594	0.166	ng/ul	95
24) Benzo(b)fluoranthene	23.275	252	11733	0.250	ng/ul	82
26) Benzo(a)pyrene	23.915	252	8144	0.199	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.585	276	6905	0.122	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.592	278	1905	0.043	ng/ul#	1
29) Benzo(g,h,i)perylene	27.380	276	8191	0.171	ng/ul#	91

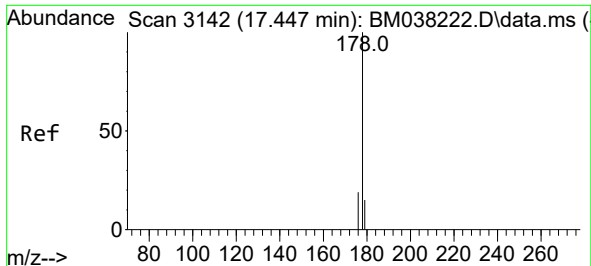
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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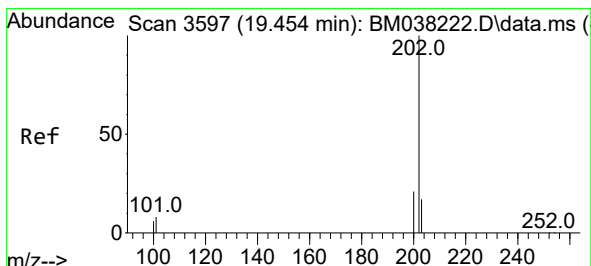
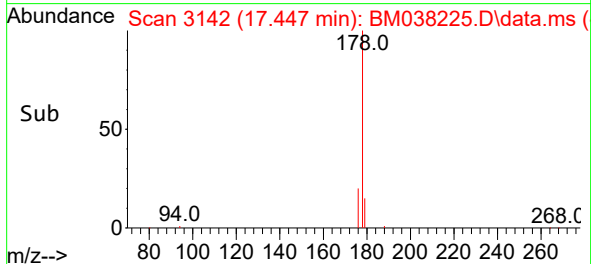
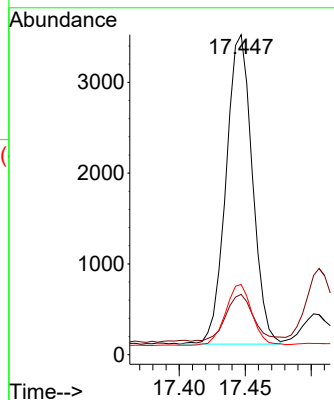
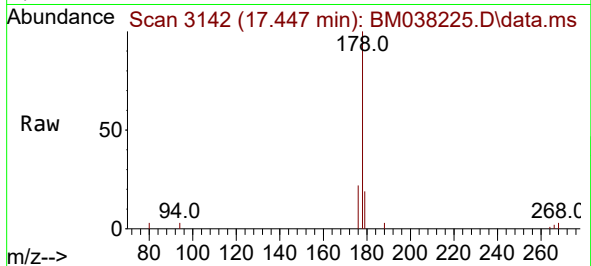




#15
Phenanthrene
Concen: 0.087 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038225.D
Acq: 23 Dec 2022 09:52

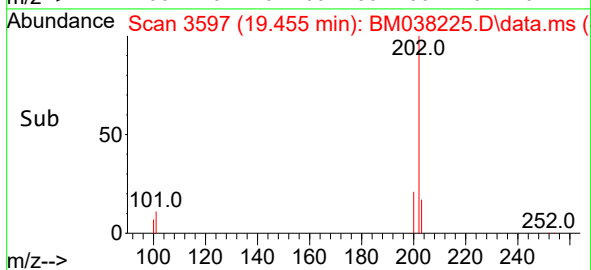
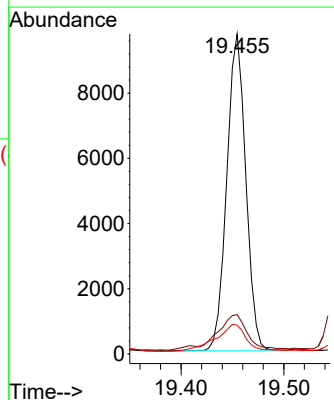
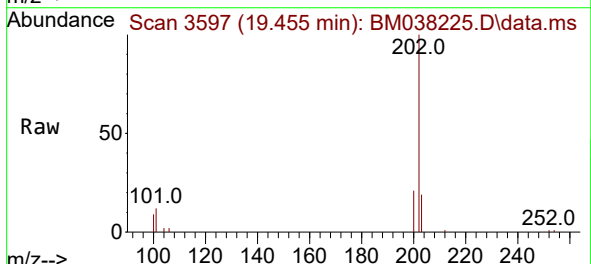
Instrument :
BNA_M
ClientSampleId :

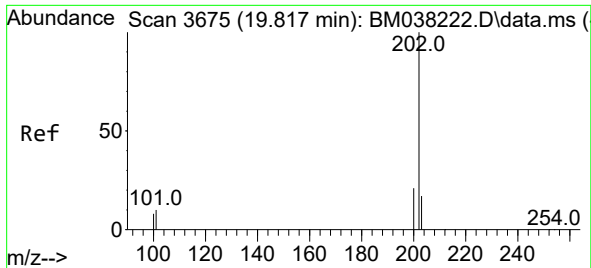
Tgt Ion:178 Resp: 4712
Ion Ratio Lower Upper
178 100
179 18.9 13.0 19.4
176 21.9 16.2 24.4



#19
Fluoranthene
Concen: 0.213 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038225.D
Acq: 23 Dec 2022 09:52

Tgt Ion:202 Resp: 12479
Ion Ratio Lower Upper
202 100
101 12.3 7.5 11.3#
100 9.0 5.6 8.4#

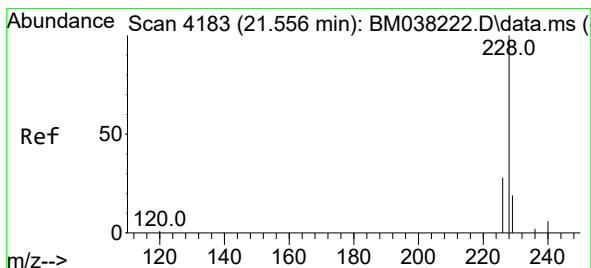
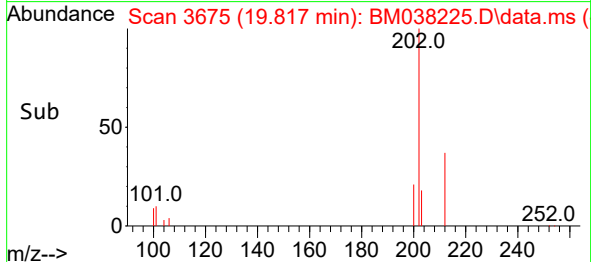
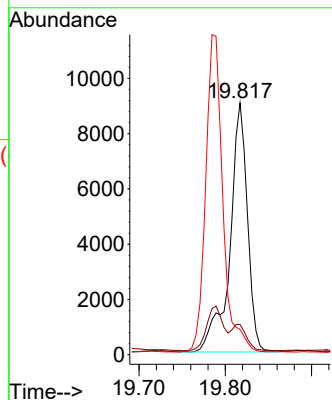
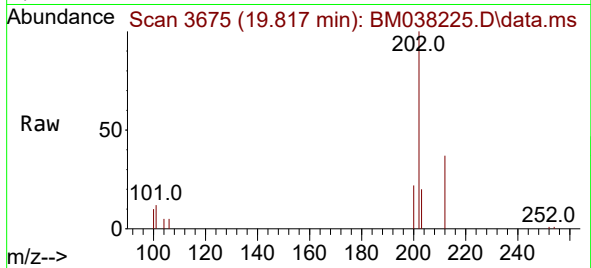




#20
Pyrene
Concen: 0.216 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038225.D
Acq: 23 Dec 2022 09:52

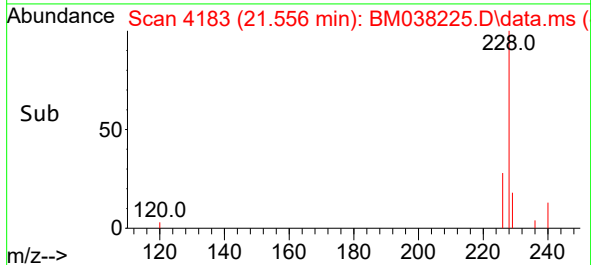
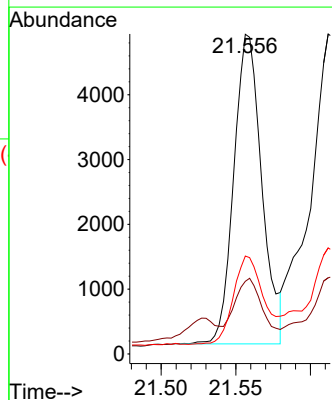
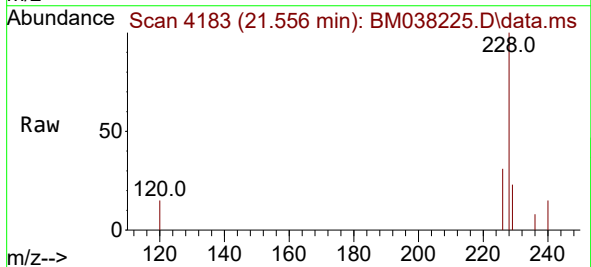
Instrument :
BNA_M
ClientSampleId :

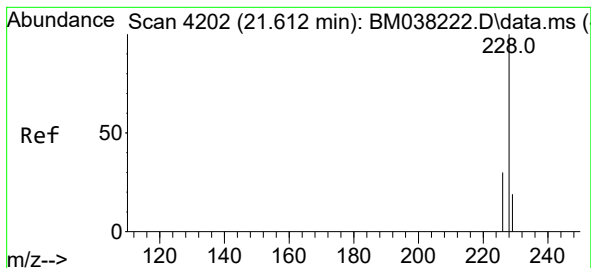
Tgt Ion:202 Resp: 12820
Ion Ratio Lower Upper
202 100
101 12.0 8.9 13.3
100 10.1 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.133 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038225.D
Acq: 23 Dec 2022 09:52

Tgt Ion:228 Resp: 6232
Ion Ratio Lower Upper
228 100
229 22.7 15.5 23.3
226 30.6 22.2 33.2





#22

Chrysene

Concen: 0.166 ng/ul

RT: 21.612 min Scan# 41

Delta R.T. 0.000 min

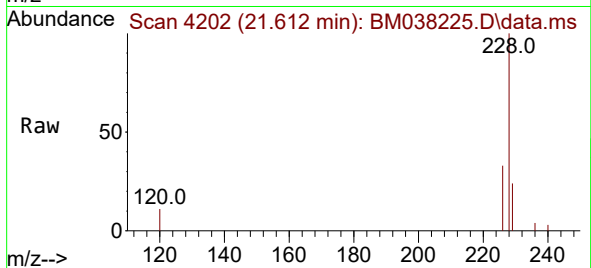
Lab File: BM038225.D

Acq: 23 Dec 2022 09:52

Instrument :

BNA_M

ClientSampleId :



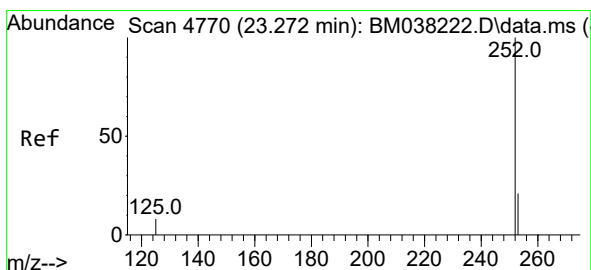
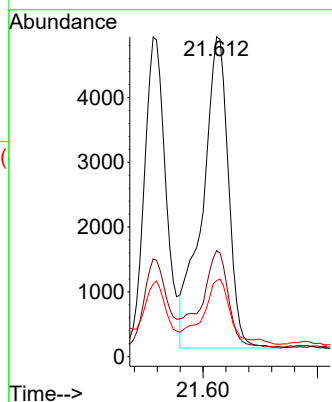
Tgt Ion:228 Resp: 7594

Ion Ratio Lower Upper

228 100

226 33.1 25.0 37.4

229 23.8 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.250 ng/ul

RT: 23.275 min Scan# 4771

Delta R.T. 0.003 min

Lab File: BM038225.D

Acq: 23 Dec 2022 09:52

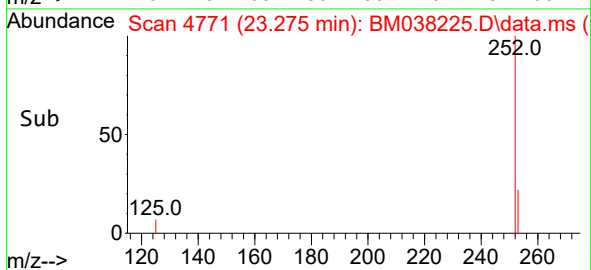
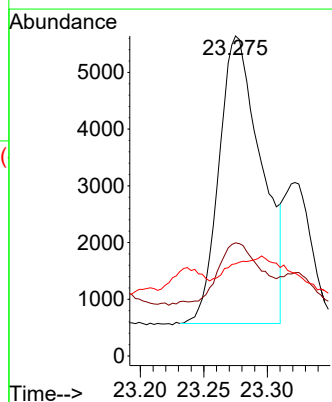
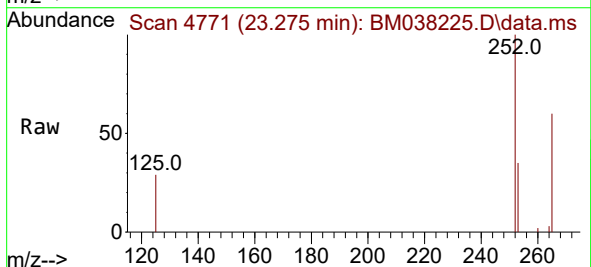
Tgt Ion:252 Resp: 11733

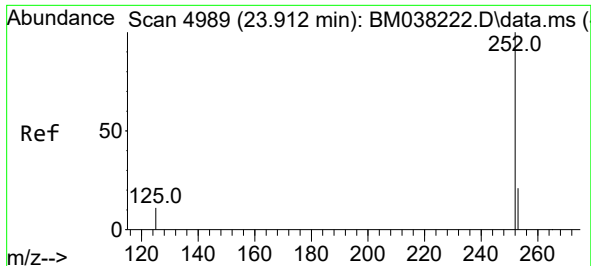
Ion Ratio Lower Upper

252 100

253 35.4 0.0 56.0

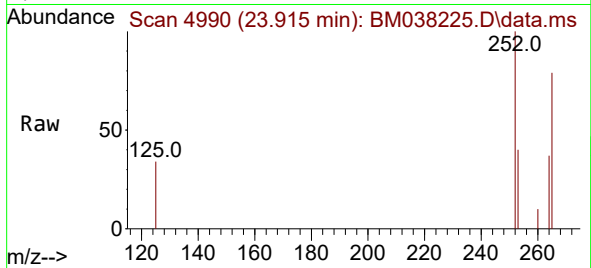
125 28.8 0.0 36.6



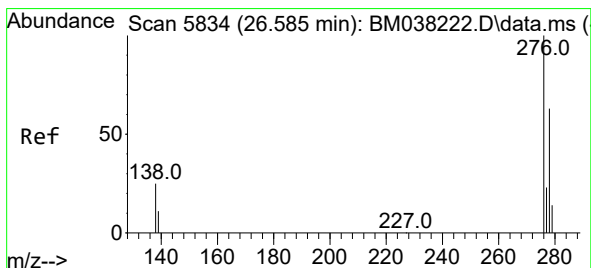
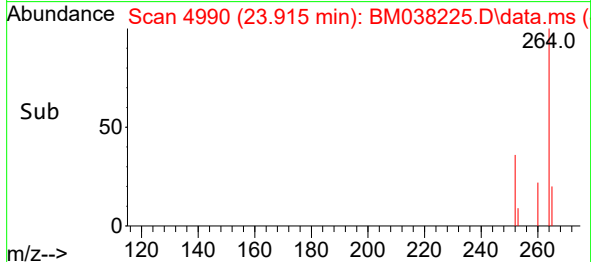
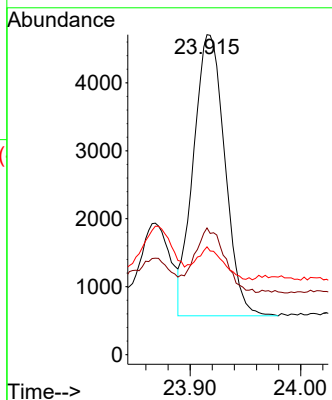


#26
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.915 min Scan# 4990
Delta R.T. 0.003 min
Lab File: BM038225.D
Acq: 23 Dec 2022 09:52

Instrument :
BNA_M
ClientSampleId :

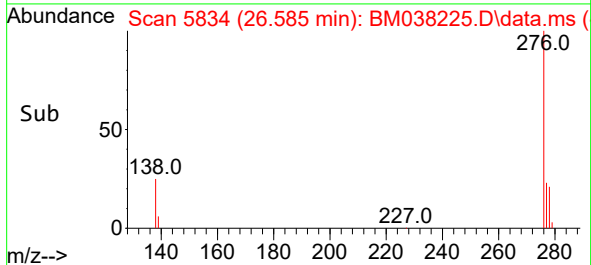
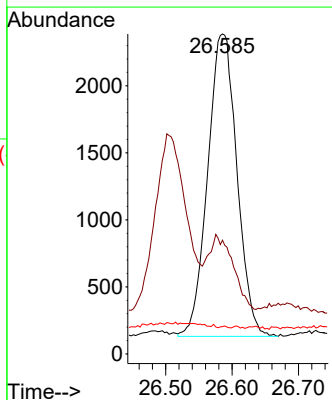
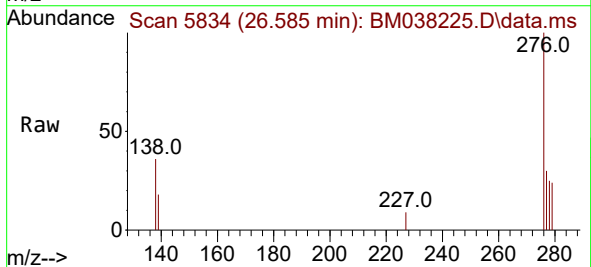


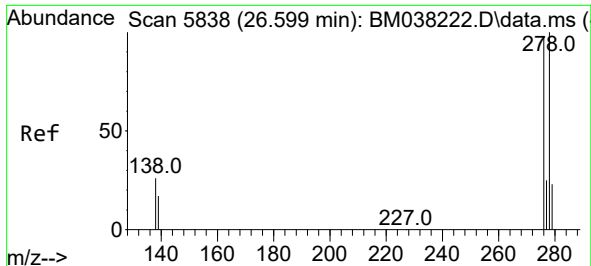
Tgt Ion:252 Resp: 8144
Ion Ratio Lower Upper
252 100
253 39.6 24.2 36.4#
125 33.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. 0.004 min
Lab File: BM038225.D
Acq: 23 Dec 2022 09:52

Tgt Ion:276 Resp: 6905
Ion Ratio Lower Upper
276 100
138 18.9 21.7 32.5#
227 0.1 0.0 0.0#

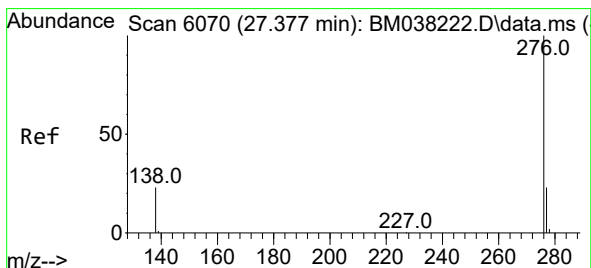
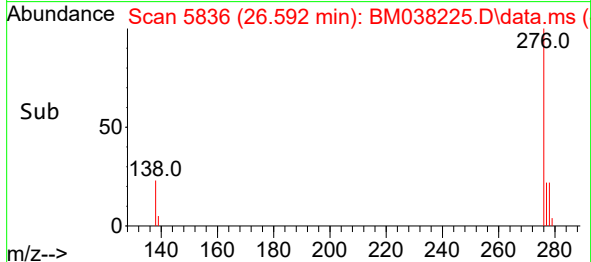
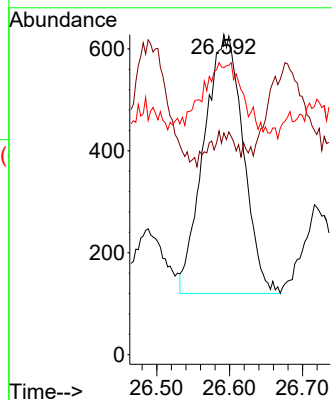
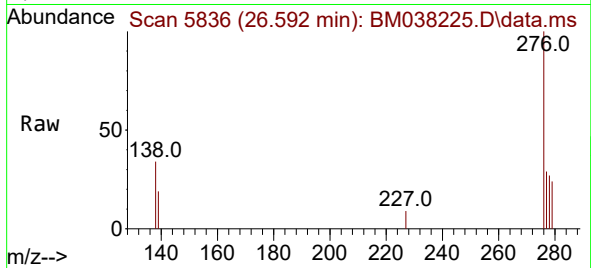




#28
 Dibenzo(a,h)anthracene
 Concen: 0.043 ng/ul
 RT: 26.592 min Scan# 5836
 Delta R.T. -0.003 min
 Lab File: BM038225.D
 Acq: 23 Dec 2022 09:52

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1905
 Ion Ratio Lower Upper
 278 100
 139 69.3 16.8 25.2#
 279 89.6 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.171 ng/ul
 RT: 27.380 min Scan# 6071
 Delta R.T. 0.010 min
 Lab File: BM038225.D
 Acq: 23 Dec 2022 09:52

Tgt Ion:276 Resp: 8191
 Ion Ratio Lower Upper
 276 100
 138 31.8 20.8 31.2#
 277 29.2 20.5 30.7

