

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037652.D
 Acq On : 22 Nov 2022 21:21
 Operator : CG/JU
 Sample : N5577-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9840

Quant Time: Nov 22 22:53:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

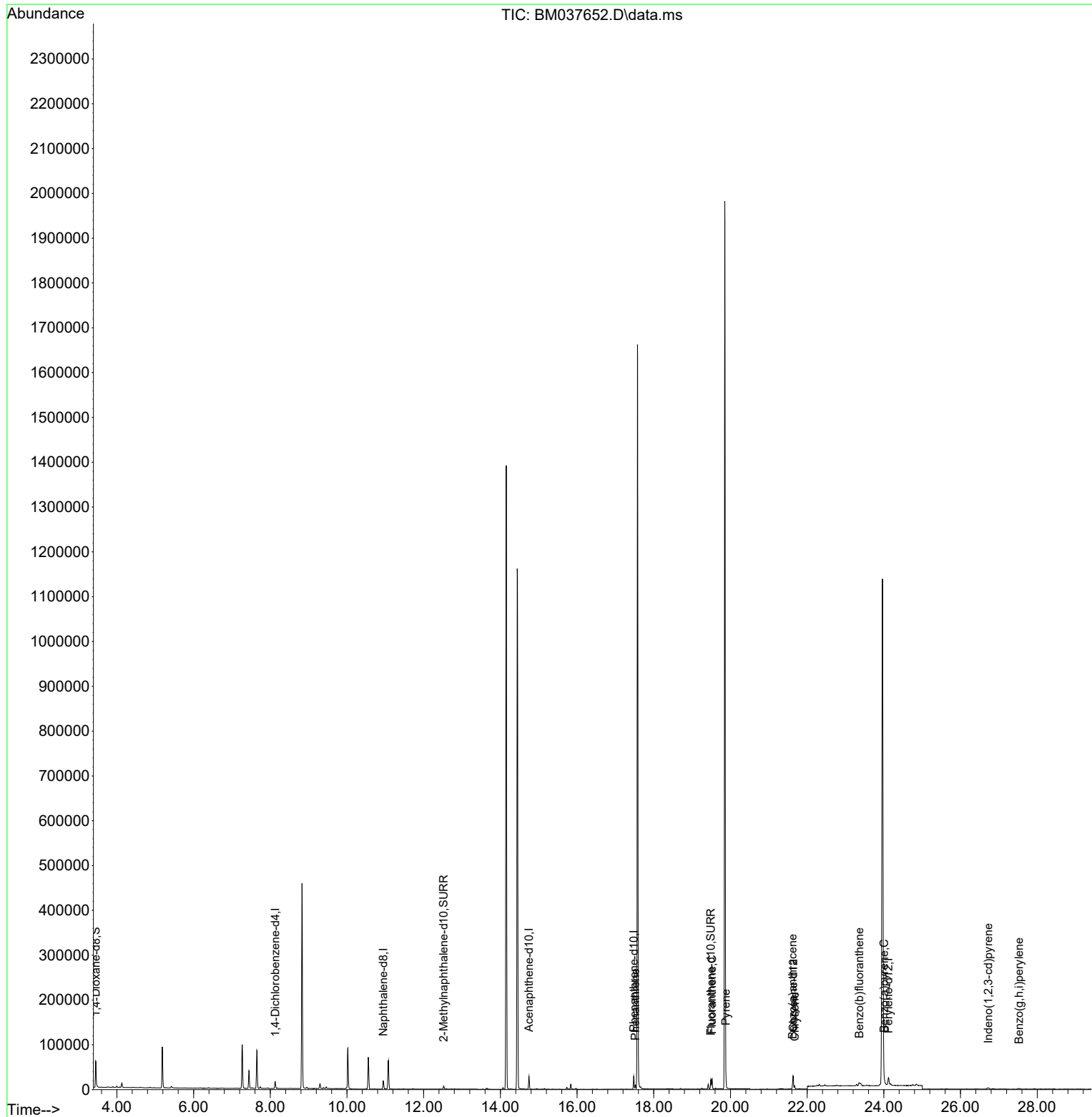
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	7538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	23386	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.746	164	14804	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.478	188	31712	0.400	ng/ul	0.00
17) Chrysene-d12	21.637	240	24046	0.400	ng/ul	# 0.00
23) Perylene-d12	24.121	264	24904	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	36598	4.176	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	8473	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.489	212	20556	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.520	178	9528	0.088	ng/ul	97
19) Fluoranthene	19.521	202	18618	0.160	ng/ul#	95
20) Pyrene	19.879	202	17775	0.147	ng/ul#	91
21) Benzo(a)anthracene	21.619	228	7007	0.065	ng/ul	94
22) Chrysene	21.672	228	7425	0.070	ng/ul#	94
24) Benzo(b)fluoranthene	23.358	252	10448	0.092	ng/ul#	33
26) Benzo(a)pyrene	24.010	252	6318	0.064	ng/ul#	11
27) Indeno(1,2,3-cd)pyrene	26.725	276	4627	0.035	ng/ul#	85
29) Benzo(g,h,i)perylene	27.526	276	3600	0.032	ng/ul#	71

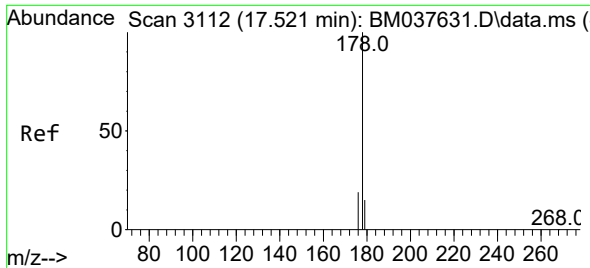
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
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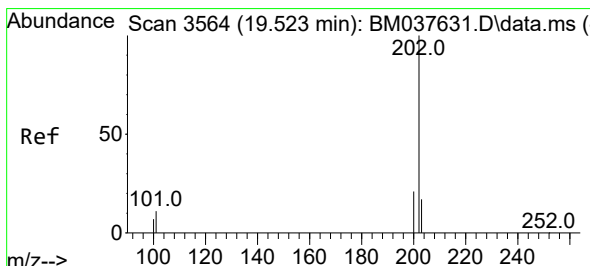
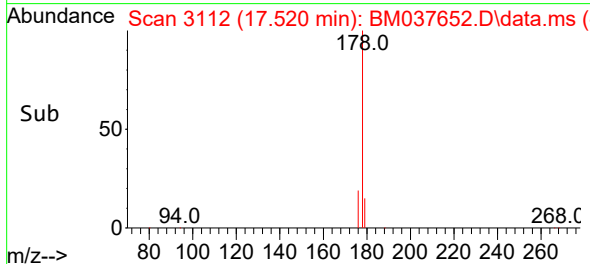
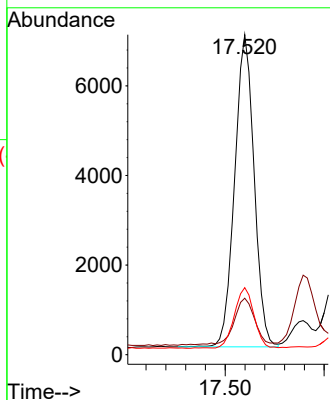
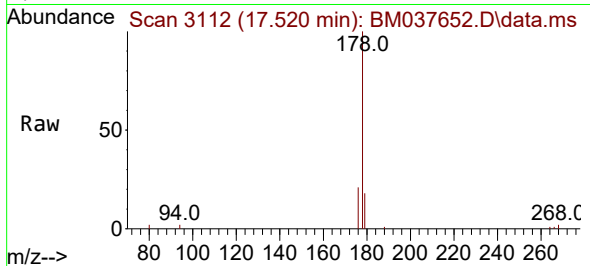




#15
Phenanthrene
Concen: 0.088 ng/ul
RT: 17.520 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

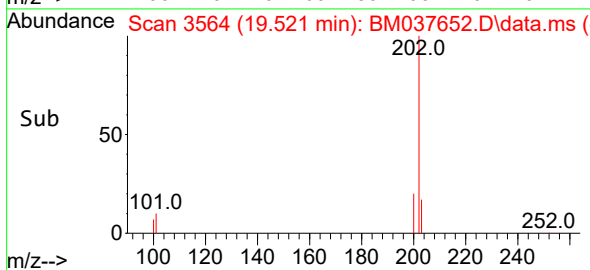
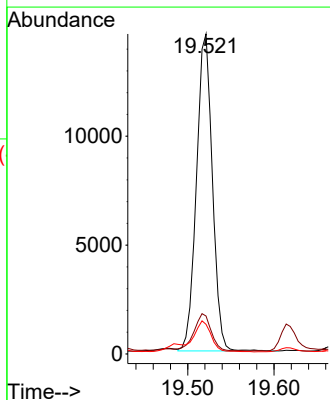
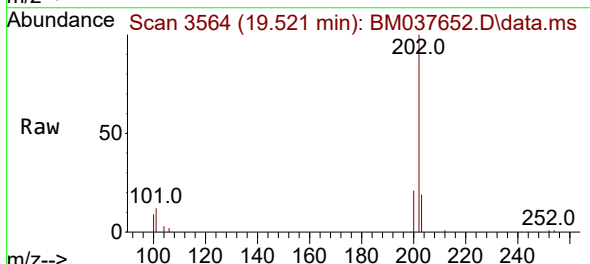
Instrument :
BNA_M
ClientSampleId :
C9840

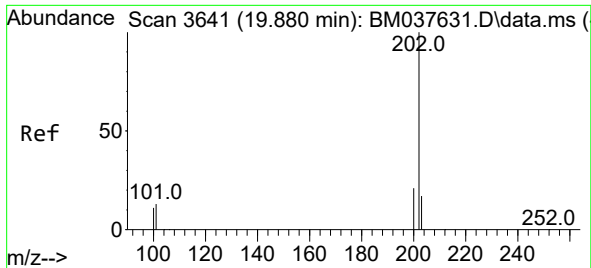
Tgt Ion:	178	Resp:	9528
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.6	18.8
176	21.0	16.0	24.0



#19
Fluoranthene
Concen: 0.160 ng/ul
RT: 19.521 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

Tgt Ion:	202	Resp:	18618
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.2	12.2
100	9.3	6.1	9.1

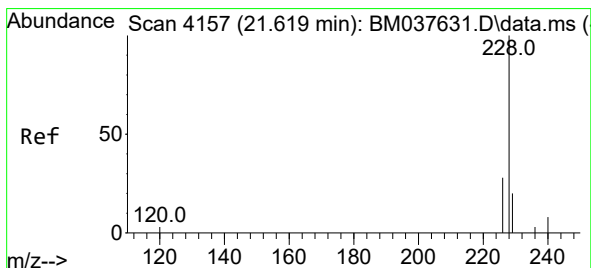
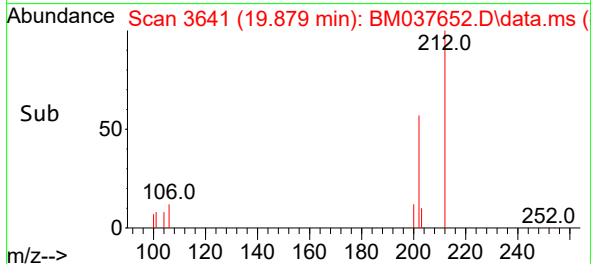
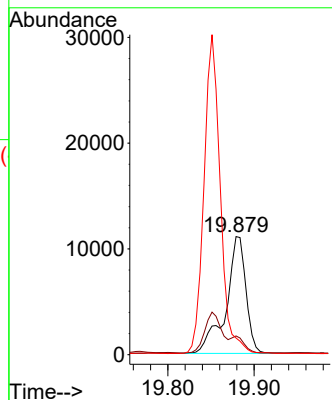
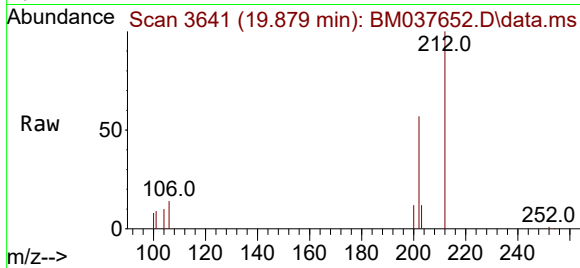




#20
Pyrene
Concen: 0.147 ng/ul
RT: 19.879 min Scan# 3641
Delta R.T. -0.005 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

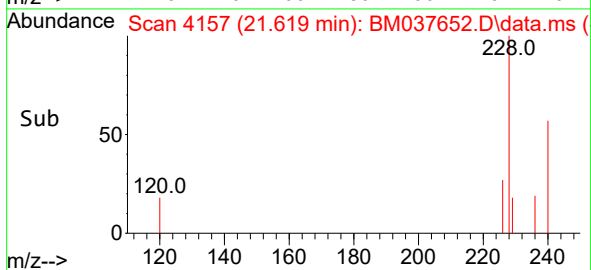
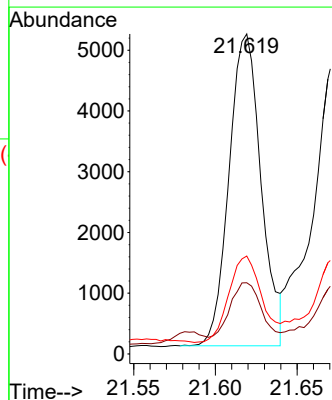
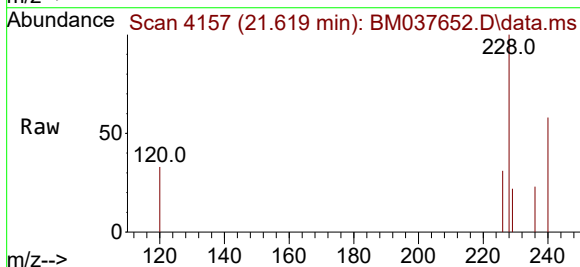
Instrument :
BNA_M
ClientSampleId :
C9840

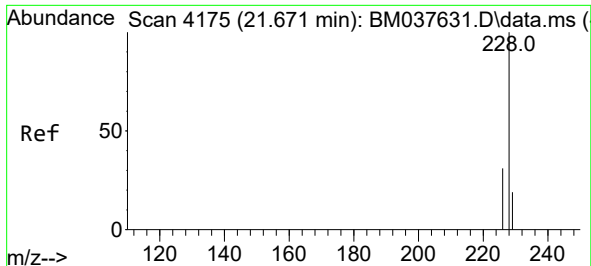
Tgt Ion:202 Resp: 17775
Ion Ratio Lower Upper
202 100
101 15.9 10.1 15.1#
100 14.0 8.0 12.0#



#21
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

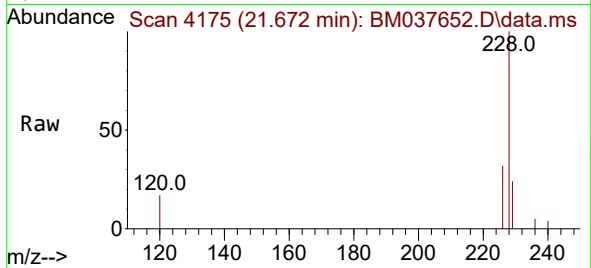
Tgt Ion:228 Resp: 7007
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 30.6 22.2 33.2



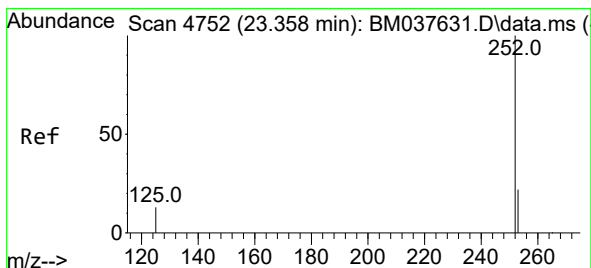
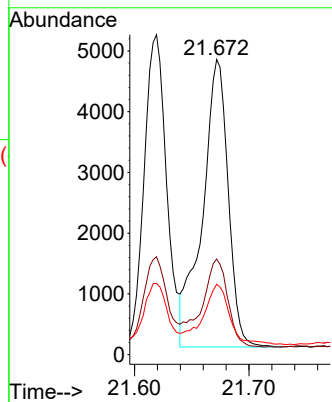
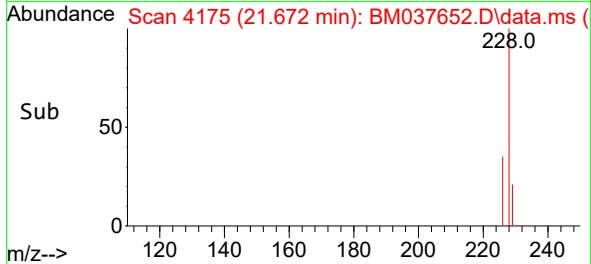


#22
Chrysene
Concen: 0.070 ng/ul
RT: 21.672 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

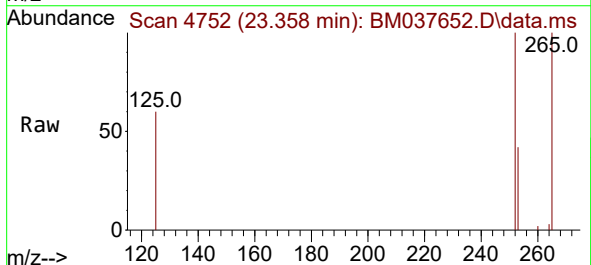
Instrument :
BNA_M
ClientSampleId :
C9840



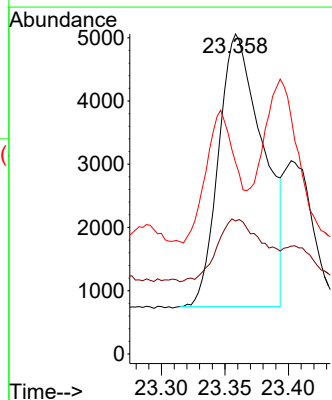
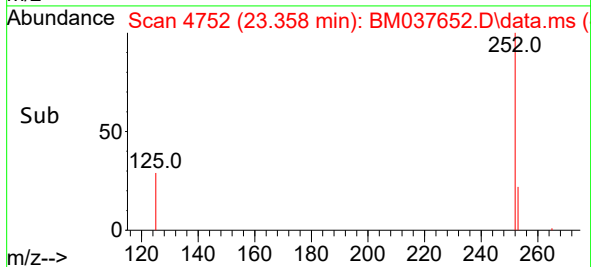
Tgt Ion:228 Resp: 7425
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 23.9 15.5 23.3#

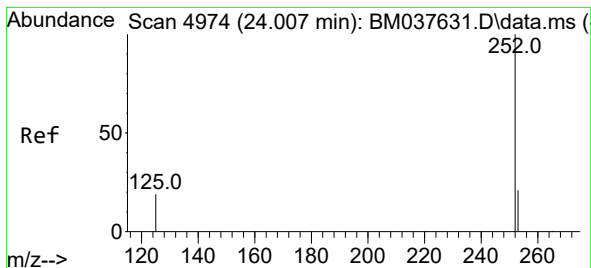


#24
Benzo(b)fluoranthene
Concen: 0.092 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21



Tgt Ion:252 Resp: 10448
Ion Ratio Lower Upper
252 100
253 41.5 0.0 46.2
125 59.8 0.0 23.4#





#26

Benzo(a)pyrene

Concen: 0.064 ng/ul

RT: 24.010 min Scan# 4974

Delta R.T. -0.003 min

Lab File: BM037652.D

Acq: 22 Nov 2022 21:21

Instrument :

BNA_M

ClientSampleId :

C9840

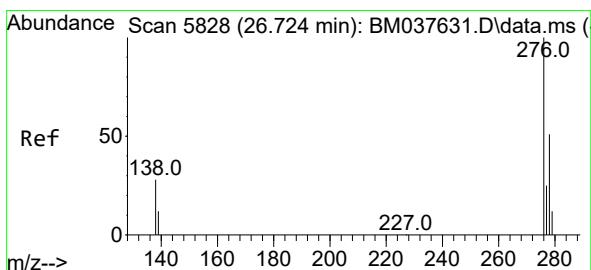
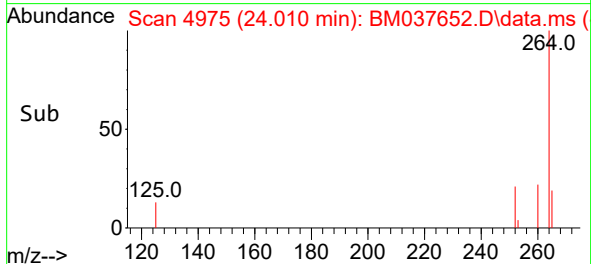
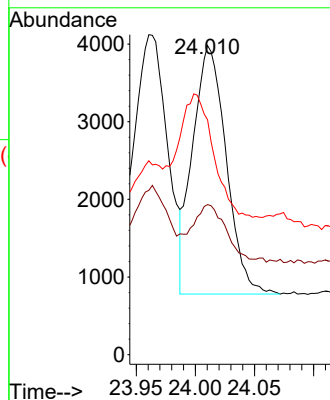
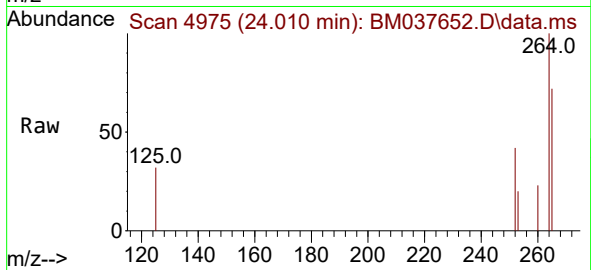
Tgt Ion:252 Resp: 6318

Ion Ratio Lower Upper

252 100

253 48.5 18.8 28.2#

125 76.0 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng/ul

RT: 26.725 min Scan# 5828

Delta R.T. -0.003 min

Lab File: BM037652.D

Acq: 22 Nov 2022 21:21

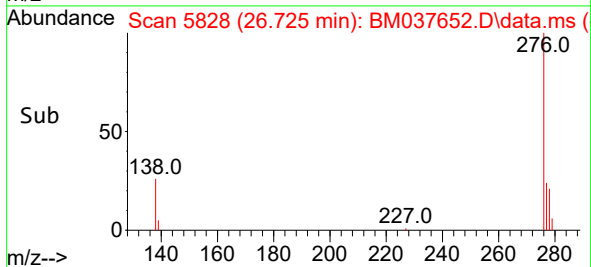
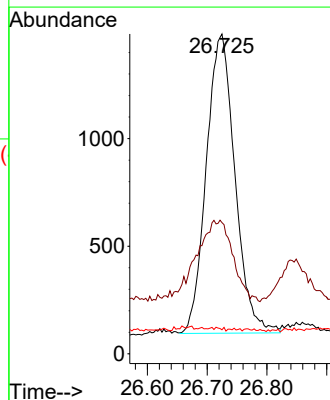
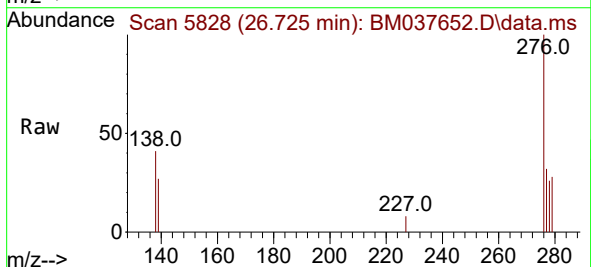
Tgt Ion:276 Resp: 4627

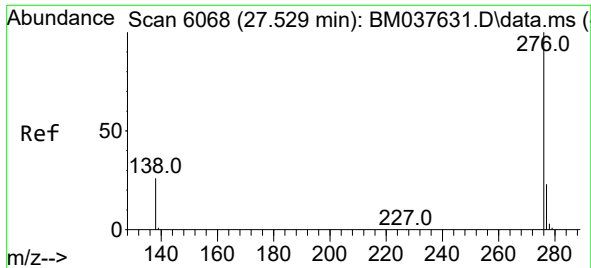
Ion Ratio Lower Upper

276 100

138 34.5 21.2 31.8#

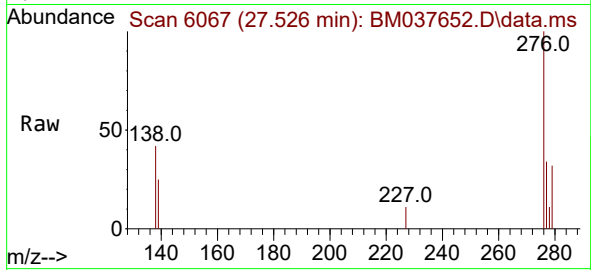
227 0.0 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 3600
Ion Ratio Lower Upper
276 100
138 42.5 19.0 28.4#
277 34.4 19.4 29.2#

