

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037651.D
 Acq On : 22 Nov 2022 20:44
 Operator : CG/JU
 Sample : N5577-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9838

Quant Time: Nov 22 22:53:07 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)

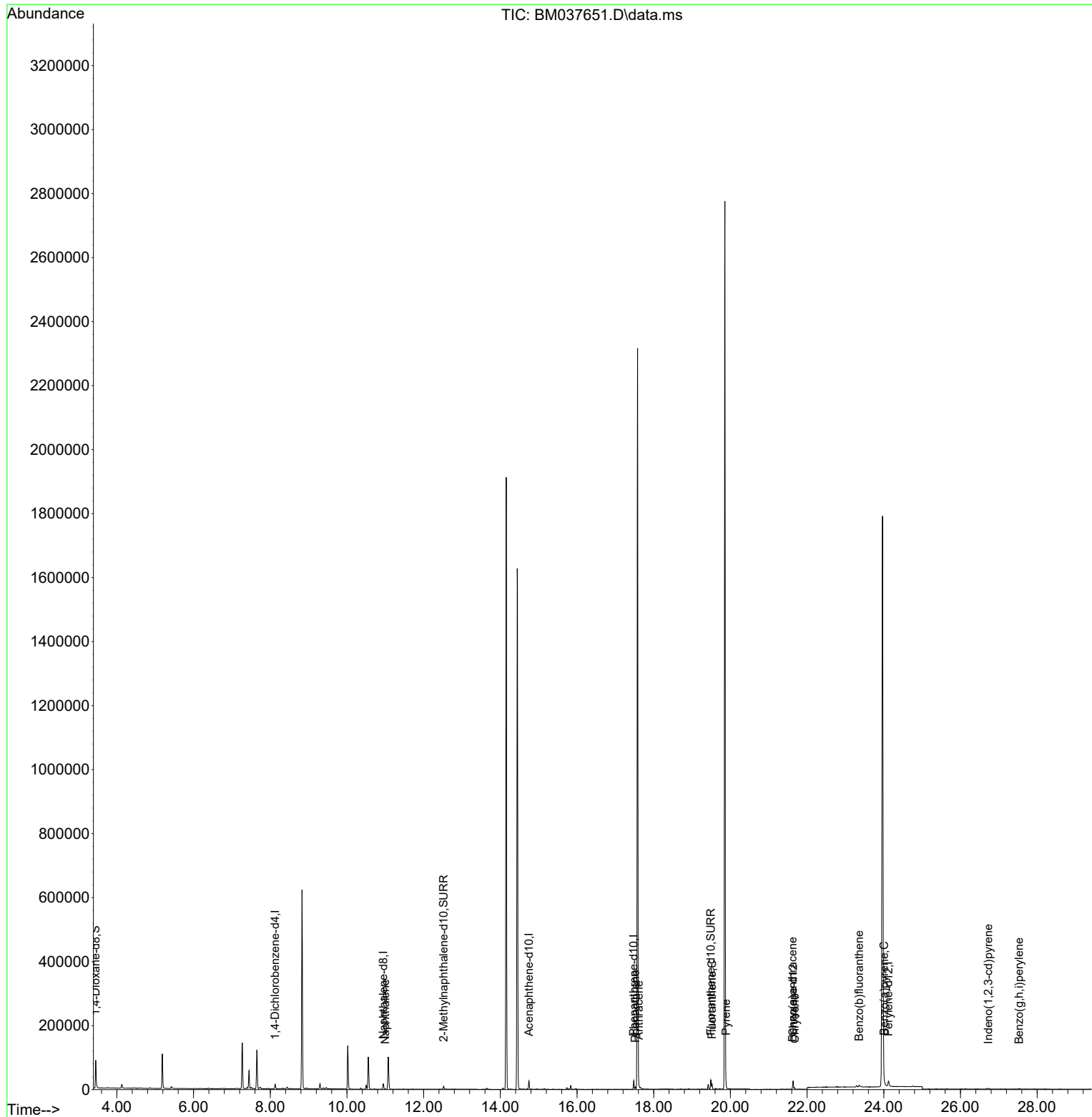
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	7142	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	21974	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.746	164	13711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	28568	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	21707	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	24277	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	53084	6.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	11710	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.488	212	28245	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.996	128	1447	0.022	ng/ul#	80
15) Phenanthrene	17.520	178	7730	0.079	ng/ul	96
16) Anthracene	17.613	178	2461	0.026	ng/ul#	83
19) Fluoranthene	19.521	202	14031	0.134	ng/ul#	93
20) Pyrene	19.883	202	10841	0.100	ng/ul#	91
21) Benzo(a)anthracene	21.619	228	4601	0.047	ng/ul	92
22) Chrysene	21.674	228	4973	0.052	ng/ul#	94
24) Benzo(b)fluoranthene	23.358	252	7053	0.064	ng/ul#	4
26) Benzo(a)pyrene	24.013	252	4103	0.043	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.728	276	3714	0.029	ng/ul#	49
29) Benzo(g,h,i)perylene	27.529	276	2816	0.026	ng/ul#	42

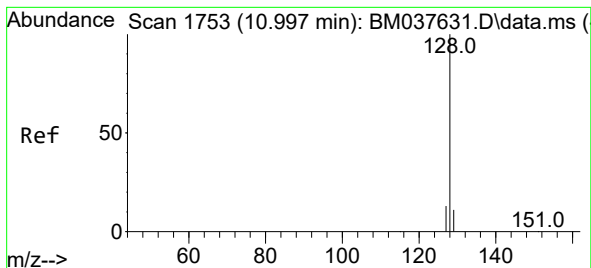
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.022 ng/ul

RT: 10.996 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

Instrument :

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ClientSampleId :

C9838

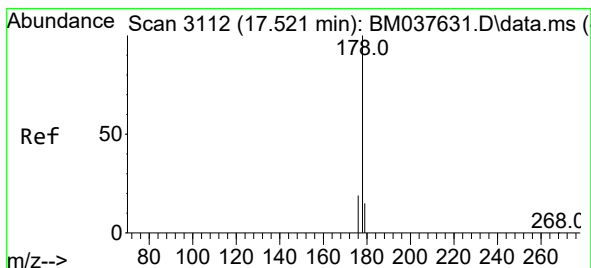
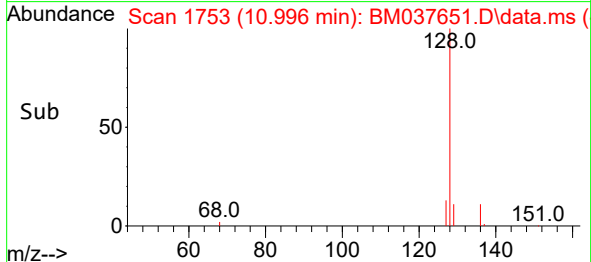
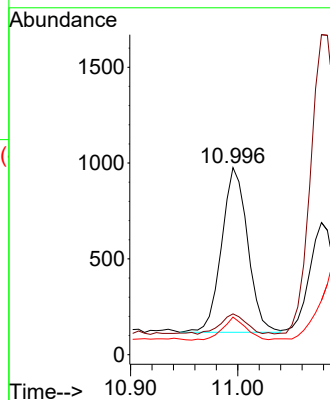
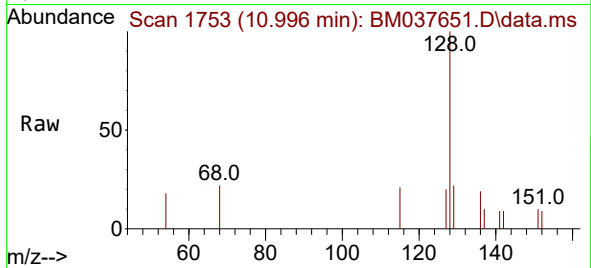
Tgt Ion:128 Resp: 1447

Ion Ratio Lower Upper

128 100

129 21.8 9.8 14.8#

127 20.1 11.0 16.4#



#15

Phenanthrene

Concen: 0.079 ng/ul

RT: 17.520 min Scan# 3112

Delta R.T. -0.004 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

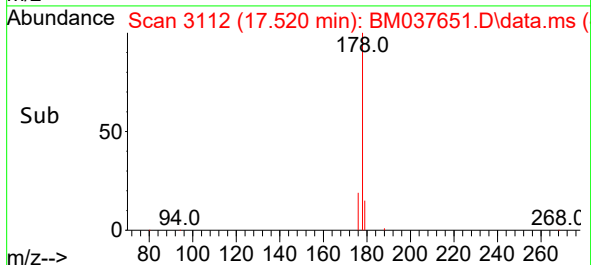
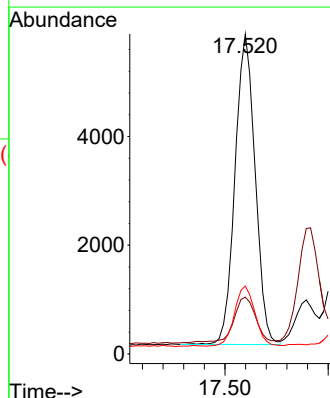
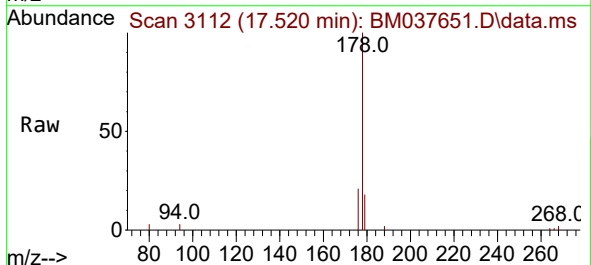
Tgt Ion:178 Resp: 7730

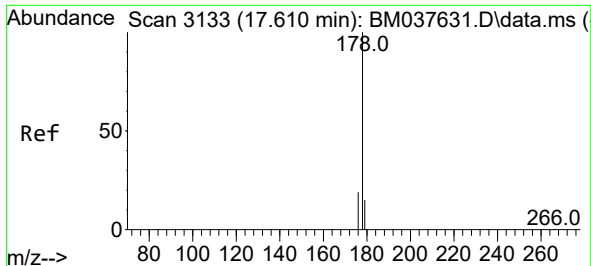
Ion Ratio Lower Upper

178 100

179 17.7 12.6 18.8

176 21.2 16.0 24.0

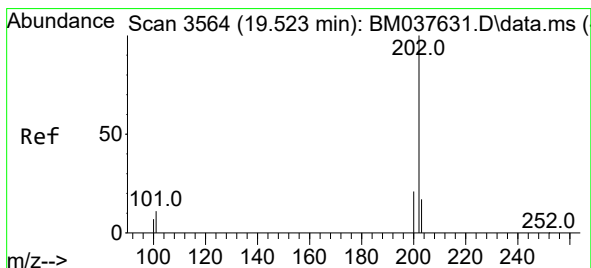
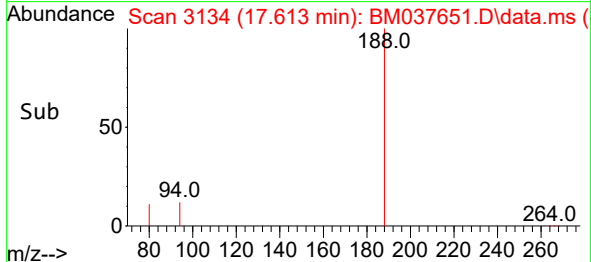
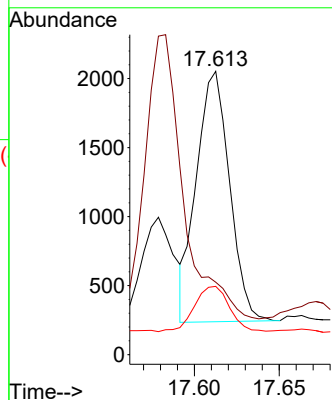
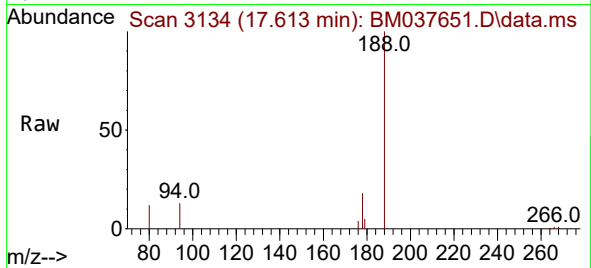




#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.613 min Scan# 3133
 Delta R.T. -0.000 min
 Lab File: BM037651.D
 Acq: 22 Nov 2022 20:44

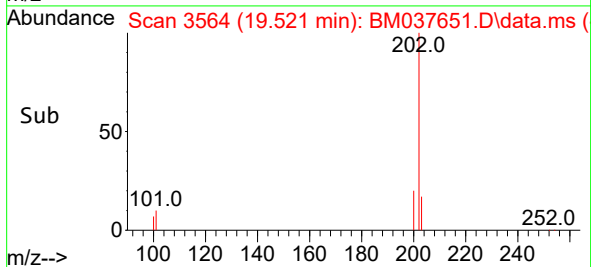
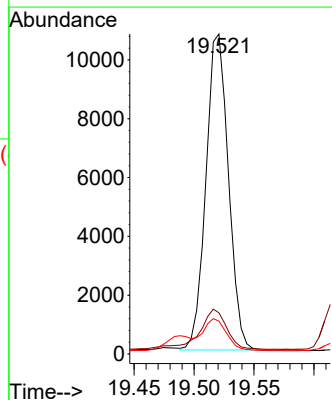
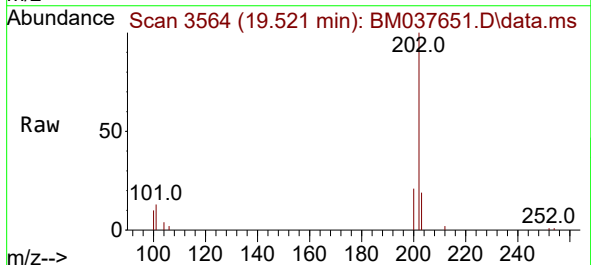
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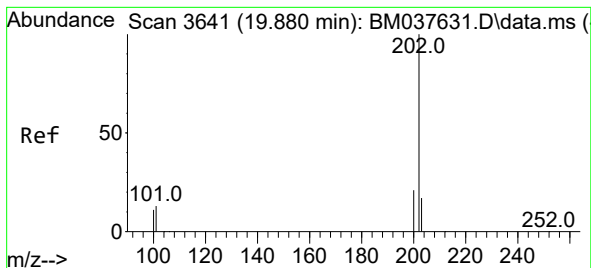
Tgt Ion:178 Resp: 2461
 Ion Ratio Lower Upper
 178 100
 179 25.6 12.8 19.2#
 176 24.1 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.134 ng/ul
 RT: 19.521 min Scan# 3564
 Delta R.T. -0.000 min
 Lab File: BM037651.D
 Acq: 22 Nov 2022 20:44

Tgt Ion:202 Resp: 14031
 Ion Ratio Lower Upper
 202 100
 101 12.8 8.2 12.2#
 100 10.2 6.1 9.1#





#20

Pyrene

Concen: 0.100 ng/ul

RT: 19.883 min Scan# 3642

Delta R.T. -0.000 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

Instrument :

BNA_M

ClientSampleId :

C9838

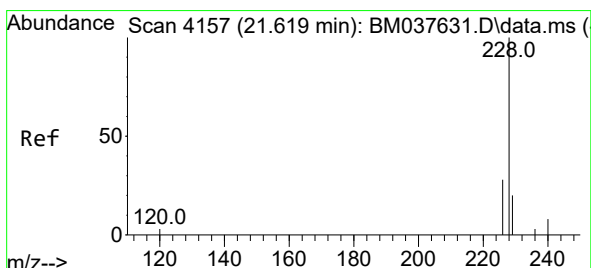
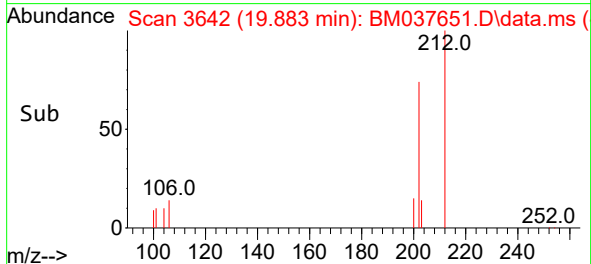
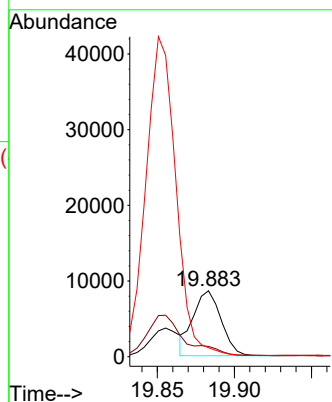
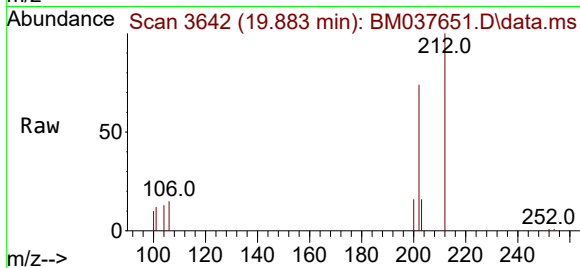
Tgt Ion:202 Resp: 10841

Ion Ratio Lower Upper

202 100

101 15.6 10.1 15.1#

100 13.6 8.0 12.0#



#21

Benzo(a)anthracene

Concen: 0.047 ng/ul

RT: 21.619 min Scan# 4157

Delta R.T. -0.003 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

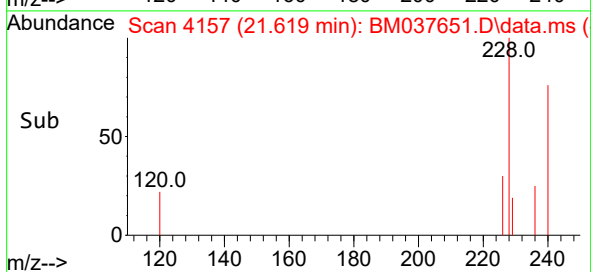
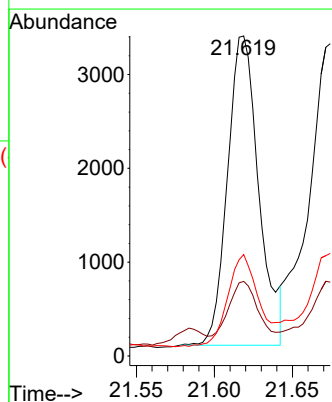
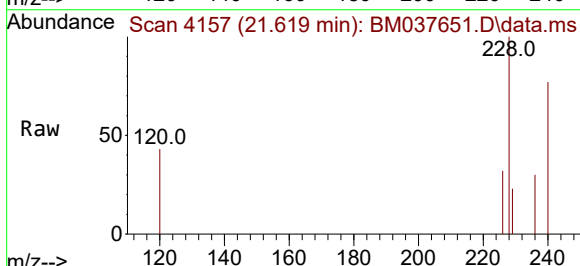
Tgt Ion:228 Resp: 4601

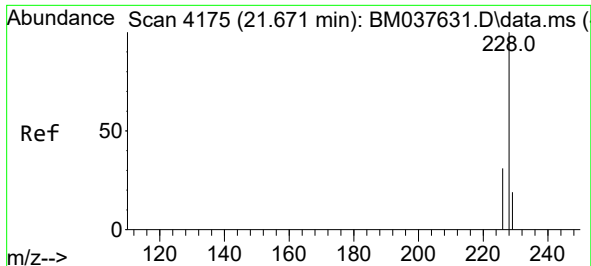
Ion Ratio Lower Upper

228 100

229 23.3 15.7 23.5

226 31.7 22.2 33.2





#22

Chrysene

Concen: 0.052 ng/ul

RT: 21.674 min Scan# 4175

Delta R.T. -0.000 min

Lab File: BM037651.D

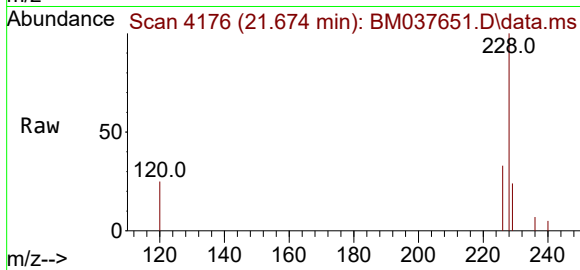
Acq: 22 Nov 2022 20:44

Instrument :

BNA_M

ClientSampleId :

C9838



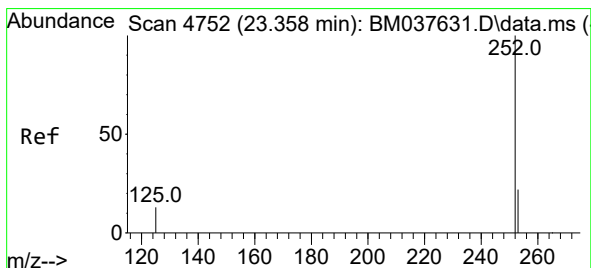
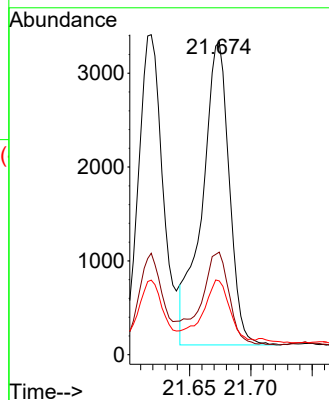
Tgt Ion:228 Resp: 4973

Ion Ratio Lower Upper

228 100

226 32.9 24.6 37.0

229 23.6 15.5 23.3#



#24

Benzo(b)fluoranthene

Concen: 0.064 ng/ul

RT: 23.358 min Scan# 4752

Delta R.T. -0.003 min

Lab File: BM037651.D

Acq: 22 Nov 2022 20:44

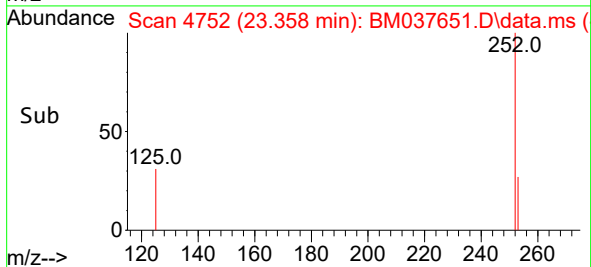
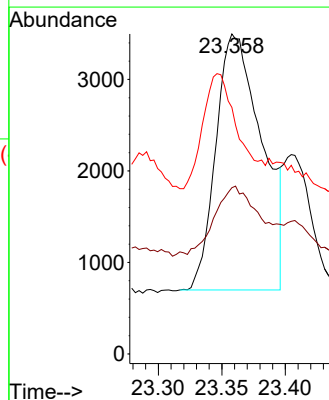
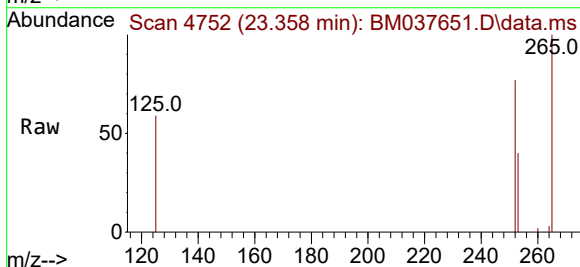
Tgt Ion:252 Resp: 7053

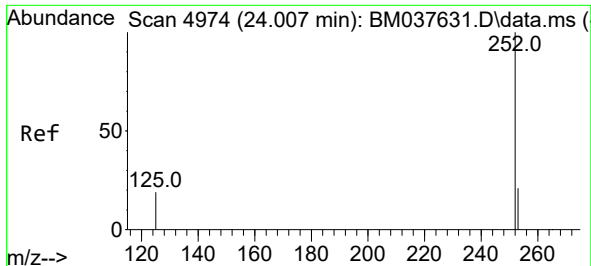
Ion Ratio Lower Upper

252 100

253 52.0 0.0 46.2#

125 77.1 0.0 23.4#

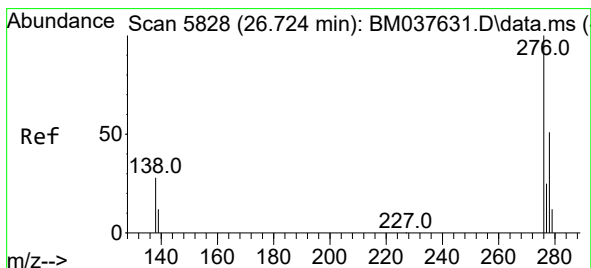
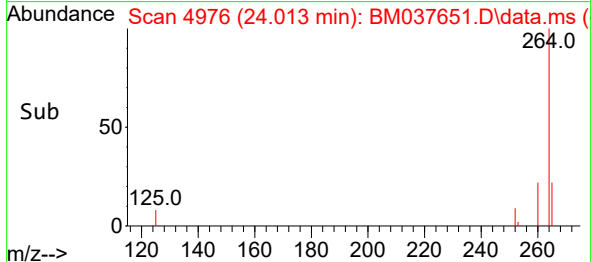
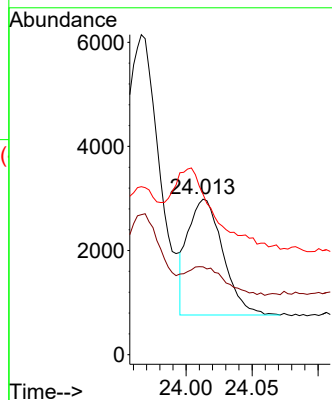
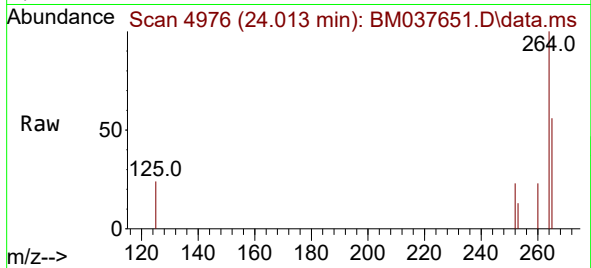




#26
Benzo(a)pyrene
Concen: 0.043 ng/ul
RT: 24.013 min Scan# 4976
Delta R.T. -0.000 min
Lab File: BM037651.D
Acq: 22 Nov 2022 20:44

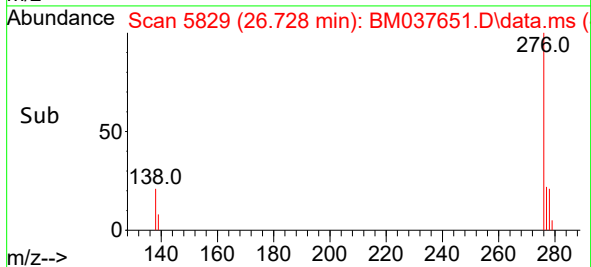
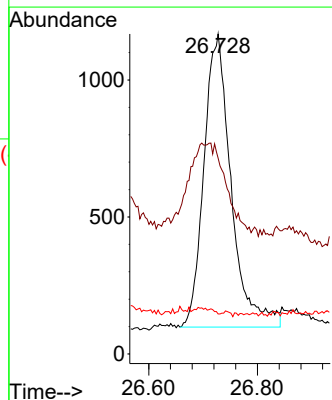
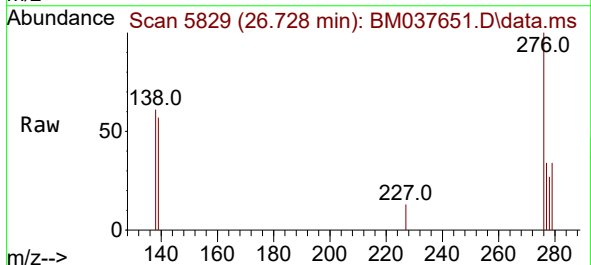
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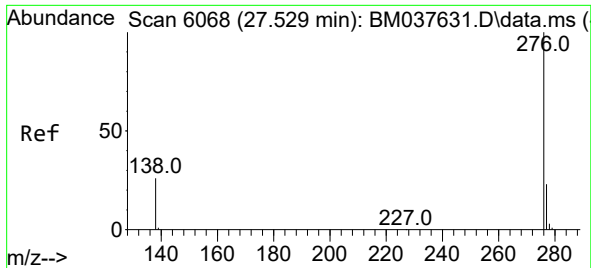
Tgt Ion:252 Resp: 4103
Ion Ratio Lower Upper
252 100
253 56.4 18.8 28.2#
125 103.0 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM037651.D
Acq: 22 Nov 2022 20:44

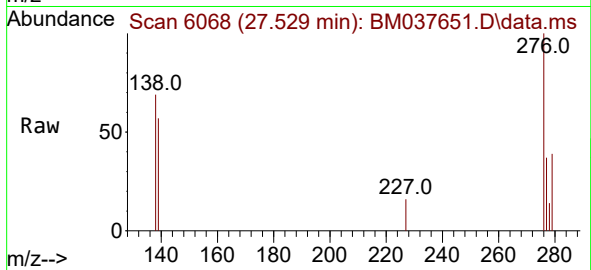
Tgt Ion:276 Resp: 3714
Ion Ratio Lower Upper
276 100
138 0.0 21.2 31.8#
227 0.5 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.026 ng/ul
 RT: 27.529 min Scan# 6068
 Delta R.T. -0.004 min
 Lab File: BM037651.D
 Acq: 22 Nov 2022 20:44

Instrument :
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 ClientSampleId :
 C9838



Tgt Ion:276 Resp: 2816
 Ion Ratio Lower Upper
 276 100
 138 69.2 19.0 28.4#
 277 36.8 19.4 29.2#

