

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037161.D
 Acq On : 21 Oct 2022 06:20
 Operator : CG/JU
 Sample : N5103-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BA1

Quant Time: Oct 21 06:50:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

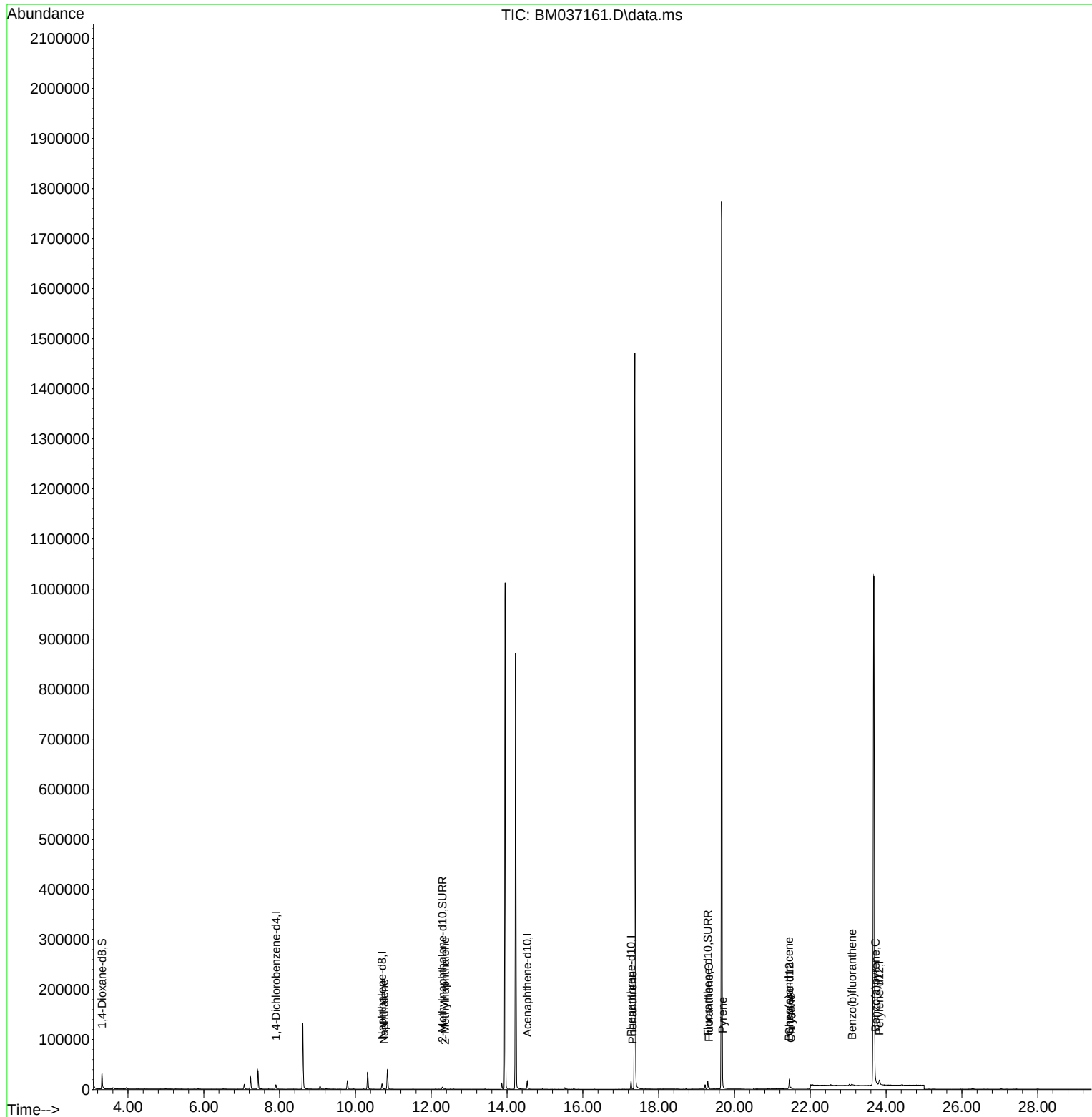
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	4588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	14391	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.533	164	8473	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.275	188	17716	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	14671	0.400	ng/ul	# 0.00
23) Perylene-d12	23.823	264	14542	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	20728	3.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	5995	0.293	ng/ul	0.00
18) Fluoranthene-d10	19.298	212	17084	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	1031	0.024	ng/ul#	81
7) 2-Methylnaphthalene	12.365	142	579	0.023	ng/ul	91
15) Phenanthrene	17.313	178	2054	0.034	ng/ul#	88
19) Fluoranthene	19.326	202	3952	0.062	ng/ul#	90
20) Pyrene	19.689	202	3768	0.058	ng/ul#	84
21) Benzo(a)anthracene	21.435	228	2314	0.041	ng/ul#	89
22) Chrysene	21.488	228	2260	0.034	ng/ul#	89
24) Benzo(b)fluoranthene	23.101	252	3289	0.043	ng/ul#	1
26) Benzo(a)pyrene	23.718	252	2278	0.037	ng/ul#	1

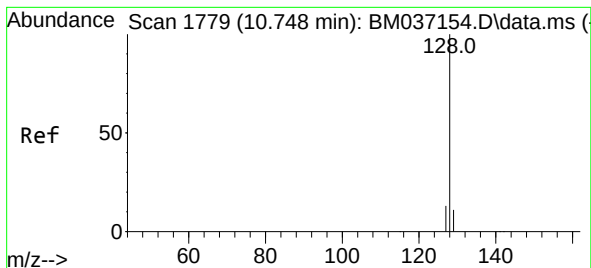
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.024 ng/ul

RT: 10.754 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BM037161.D

Acq: 21 Oct 2022 06:20

Instrument :

BNA_M

ClientSampleId :

C0BA1

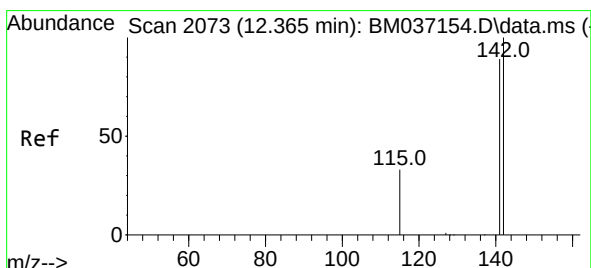
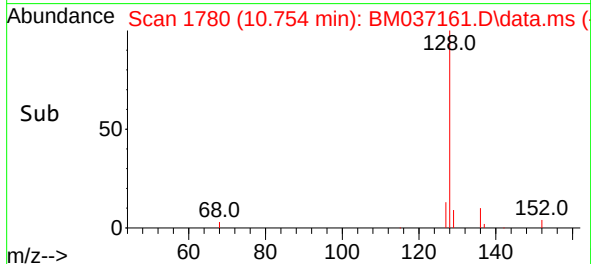
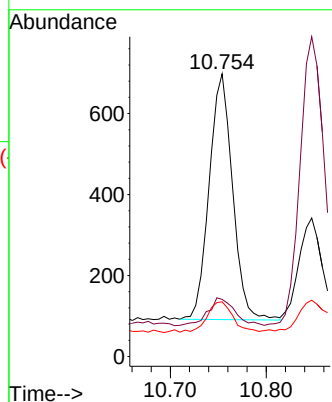
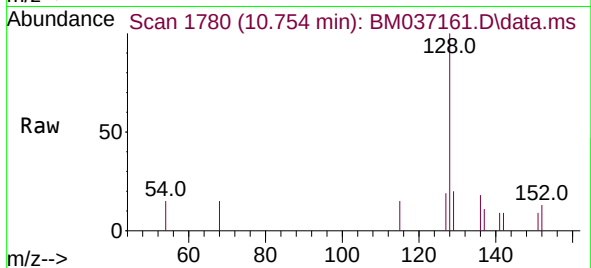
Tgt Ion:128 Resp: 1031

Ion Ratio Lower Upper

128 100

129 20.2 9.3 13.9#

127 19.3 10.5 15.7#



#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.365 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BM037161.D

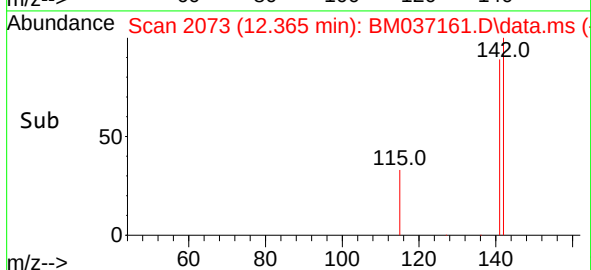
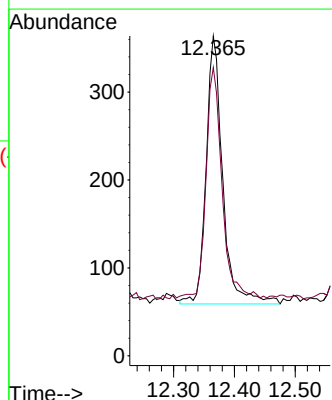
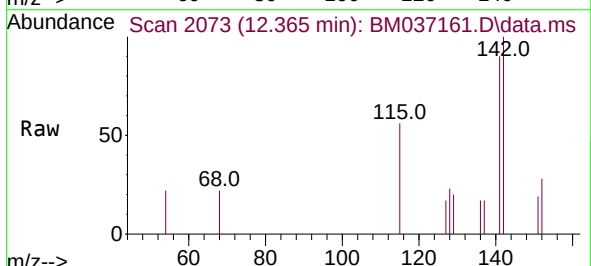
Acq: 21 Oct 2022 06:20

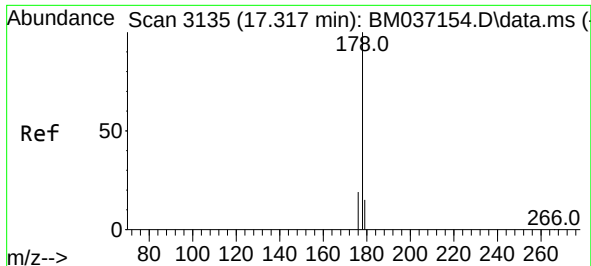
Tgt Ion:142 Resp: 579

Ion Ratio Lower Upper

142 100

141 82.2 72.8 109.2

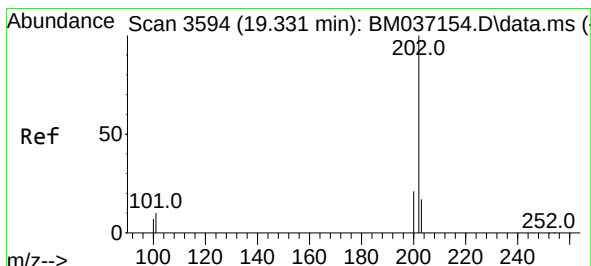
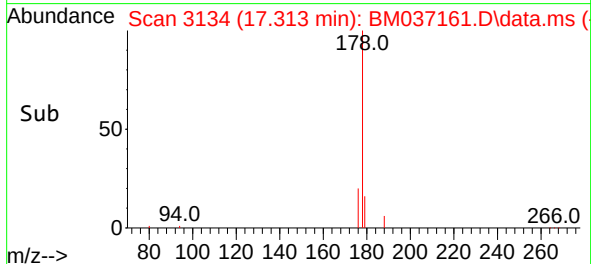
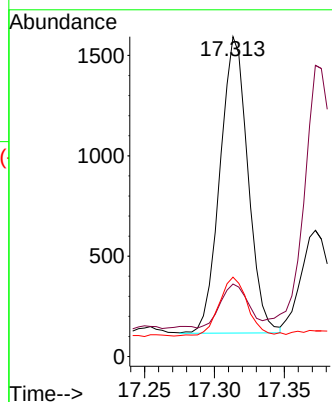
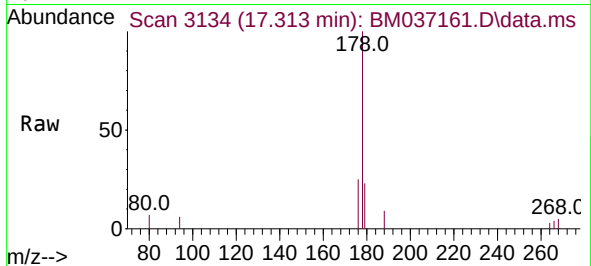




#15
Phenanthrene
Concen: 0.034 ng/ul
RT: 17.313 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BM037161.D
Acq: 21 Oct 2022 06:20

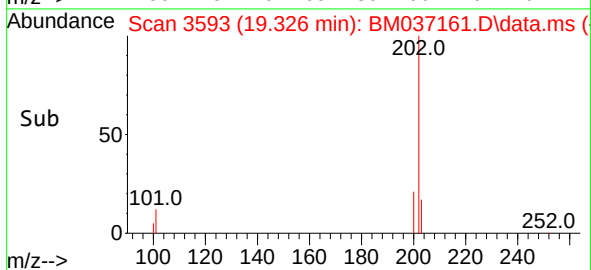
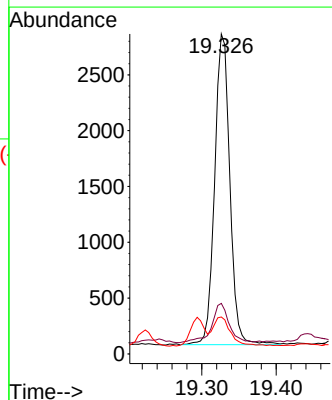
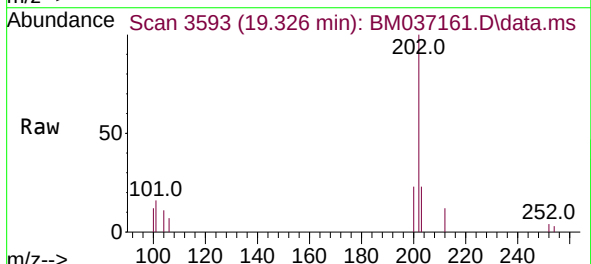
Instrument :
BNA_M
ClientSampleId :
C0BA1

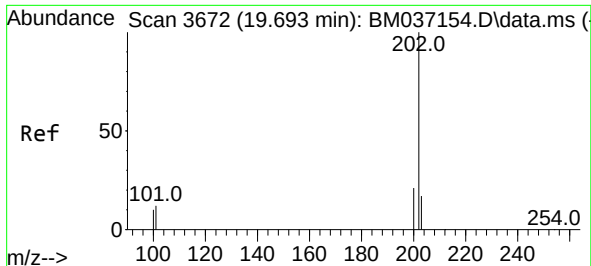
Tgt Ion:178 Resp: 2054
Ion Ratio Lower Upper
178 100
179 22.6 13.0 19.6#
176 24.8 16.1 24.1#



#19
Fluoranthene
Concen: 0.062 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037161.D
Acq: 21 Oct 2022 06:20

Tgt Ion:202 Resp: 3952
Ion Ratio Lower Upper
202 100
101 15.8 8.9 13.3#
100 11.5 6.9 10.3#

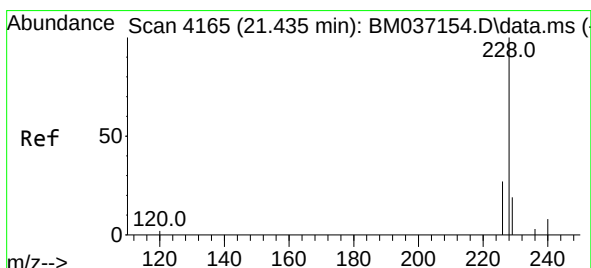
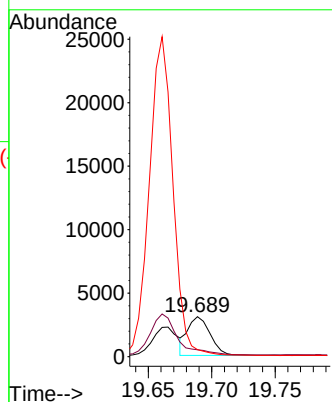
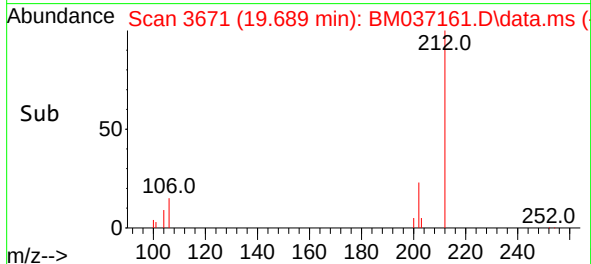
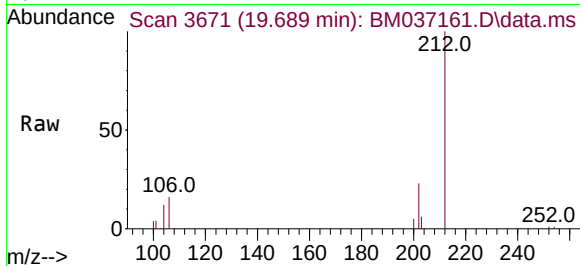




#20
Pyrene
Concen: 0.058 ng/ul
RT: 19.689 min Scan# 3672
Delta R.T. -0.009 min
Lab File: BM037161.D
Acq: 21 Oct 2022 06:20

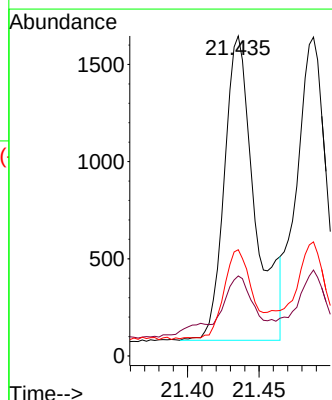
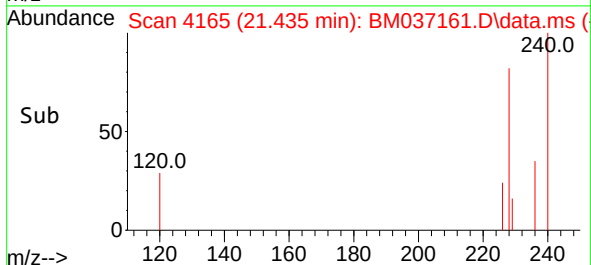
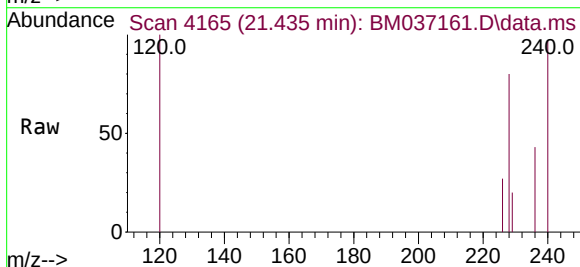
Instrument :
BNA_M
ClientSampleId :
C0BA1

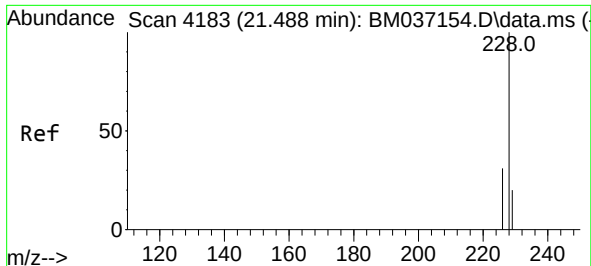
Tgt Ion:202 Resp: 3768
Ion Ratio Lower Upper
202 100
101 16.9 9.7 14.5#
100 17.6 7.8 11.8#



#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BM037161.D
Acq: 21 Oct 2022 06:20

Tgt Ion:228 Resp: 2314
Ion Ratio Lower Upper
228 100
229 25.0 15.8 23.6#
226 33.2 21.8 32.8#





#22

Chrysene

Concen: 0.034 ng/ul

RT: 21.488 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM037161.D

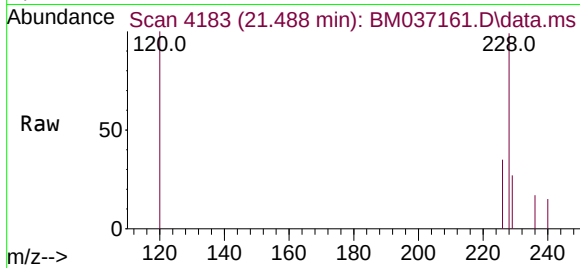
Acq: 21 Oct 2022 06:20

Instrument :

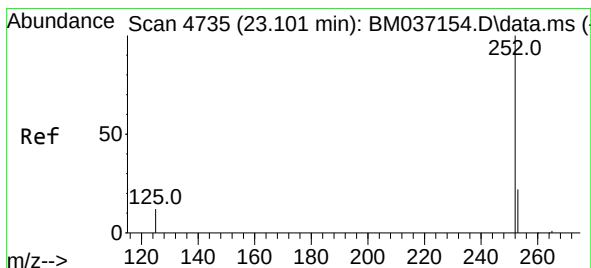
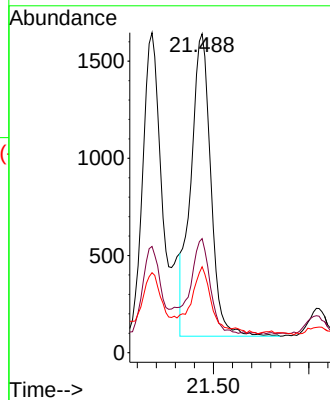
BNA_M

ClientSampleId :

C0BA1



Tgt Ion:	228	Resp:	2260
Ion Ratio	Lower	Upper	
228	100		
226	35.8	24.8	37.2
229	26.9	16.0	24.0#



#24

Benzo(b)fluoranthene

Concen: 0.043 ng/ul

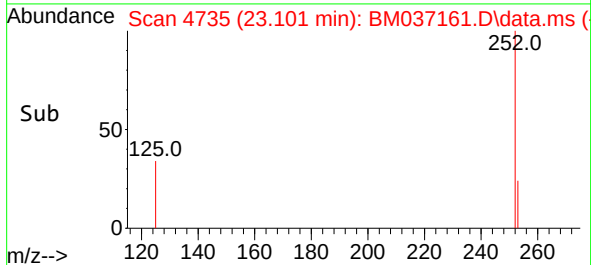
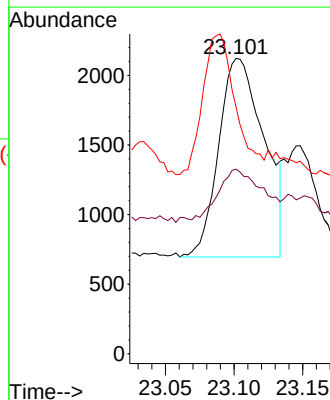
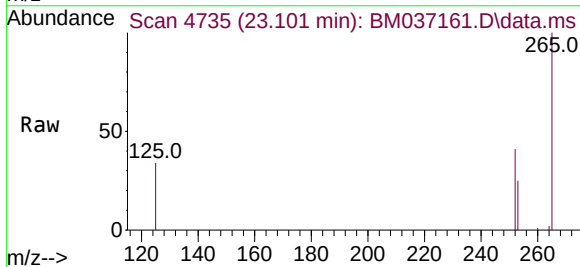
RT: 23.101 min Scan# 4735

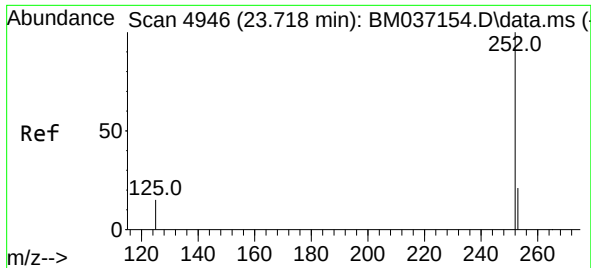
Delta R.T. -0.009 min

Lab File: BM037161.D

Acq: 21 Oct 2022 06:20

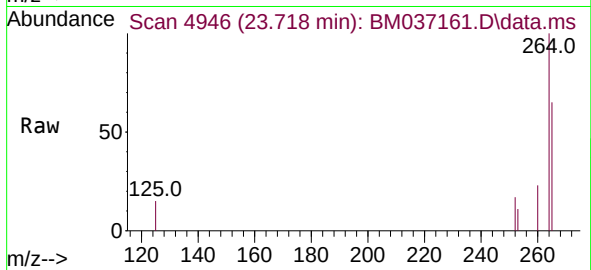
Tgt Ion:	252	Resp:	3289
Ion Ratio	Lower	Upper	
252	100		
253	62.5	0.0	50.6#
125	83.6	0.0	32.6#





#26
 Benzo(a)pyrene
 Concen: 0.037 ng/ul
 RT: 23.718 min Scan# 4946
 Delta R.T. -0.012 min
 Lab File: BM037161.D
 Acq: 21 Oct 2022 06:20

Instrument :
 BNA_M
 ClientSampleId :
 C0BA1



Tgt Ion:	252	Resp:	2278
Ion	Ratio	Lower	Upper
252	100		
253	66.1	22.1	33.1#
125	92.6	17.6	26.4#

