

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM031518\
 Data File : BM014590.D
 Acq On : 15 Mar 2018 23:27
 Operator : SJ/JU
 Sample : J1904-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEL30

Quant Time: Mar 16 15:23:46 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration

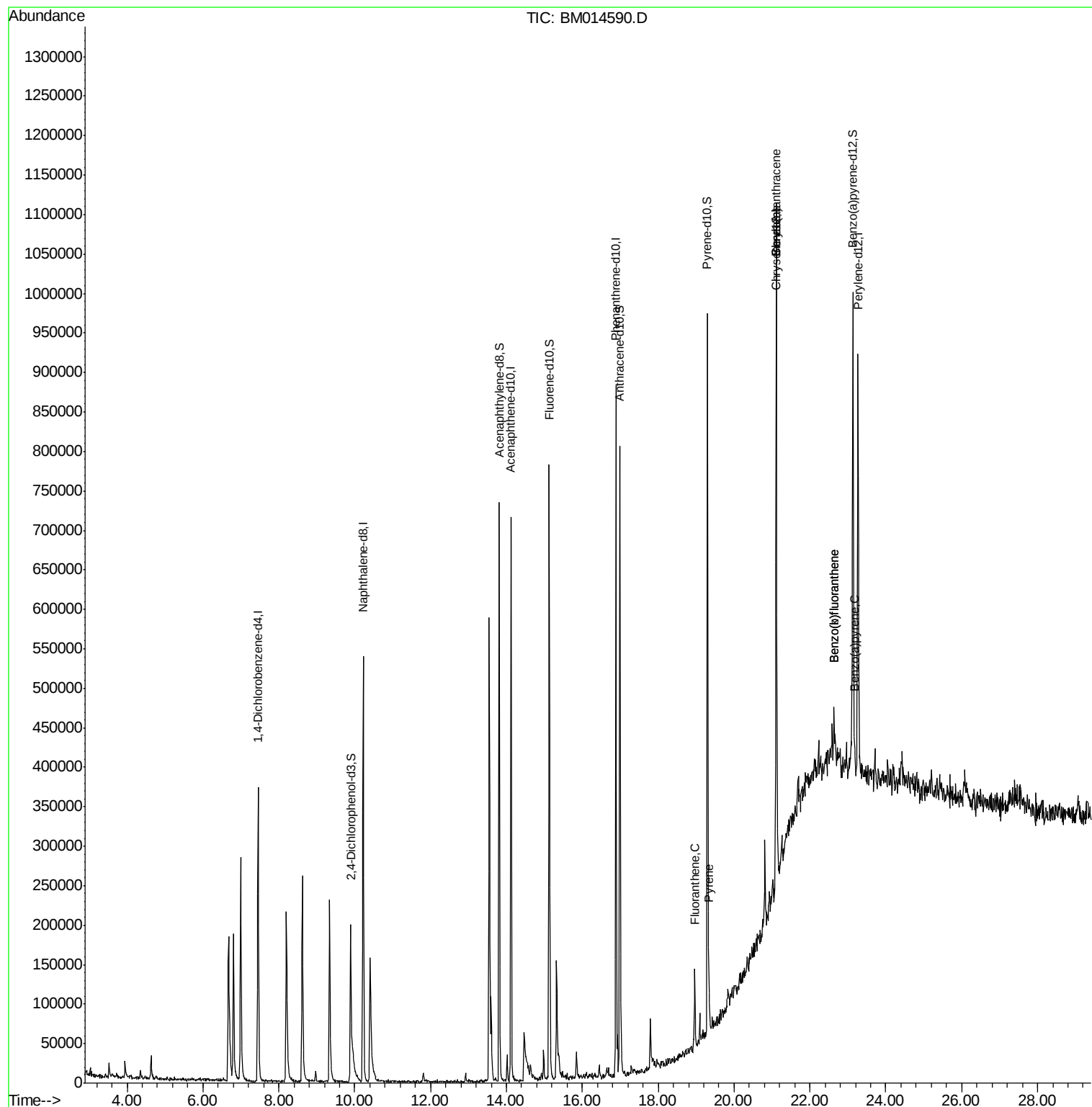
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	87011	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	376882	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	217686	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	445605	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	372644	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	351367	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	85934	14.75	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	455270	19.57	ng/ul	0.00
10) Fluorene-d10	15.13	176	300625	19.73	ng/ul	0.00
15) Anthracene-d10	16.99	188	431862	20.24	ng/ul	0.00
19) Pyrene-d10	19.30	212	446788	19.95	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.13	264	356505	20.97	ng/ul	-0.01
Target Compounds				Qvalue		
17) Fluoranthene	18.97	202	49924	1.762	ng/ul#	96
20) Pyrene	19.33	202	46277	1.651	ng/ul#	92
21) Benzo(a)anthracene	21.10	228	28336	1.202	ng/ul#	95
22) Chrysene	21.10	228	28336	1.308	ng/ul	92
24) Benzo(b)fluoranthene	22.64	252	30433	1.378	ng/ul#	78
25) Benzo(k)fluoranthene	22.64	252	30433	1.450	ng/ul#	75
27) Benzo(a)pyrene	23.17	252	21944	1.047	ng/ul#	96

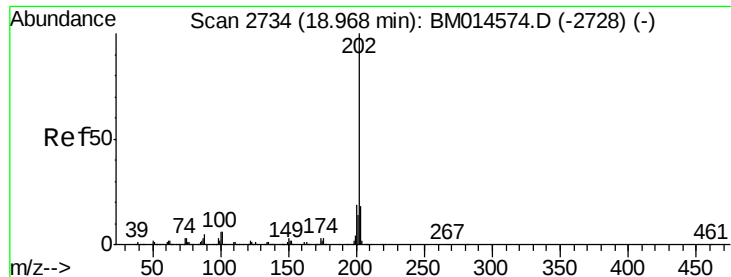
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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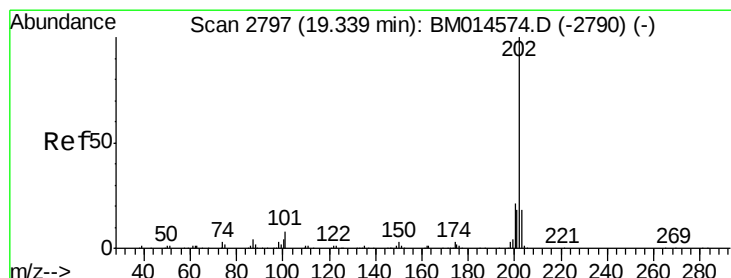
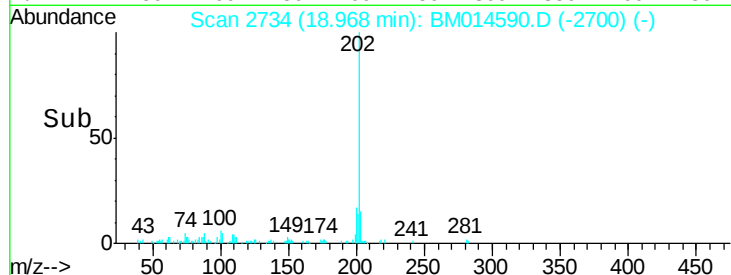
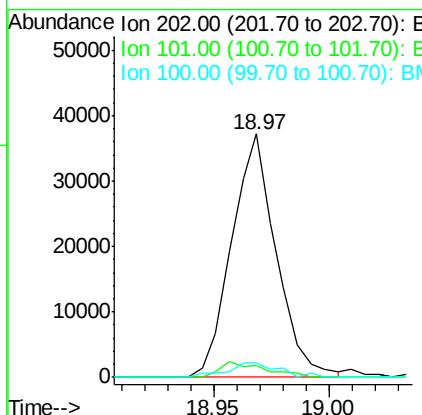
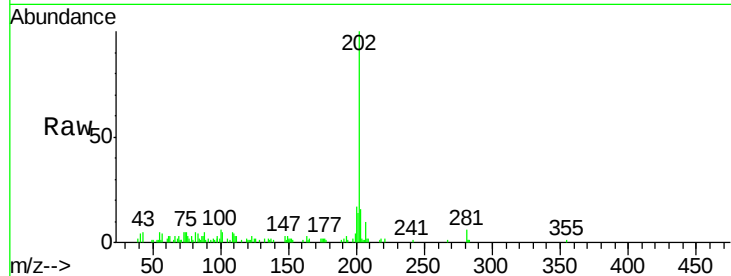




#17
Fluoranthene
 Concen: 1.762 ng/ul
 RT: 18.97 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BM014590.D
 Acq: 15 Mar 2018 23:27

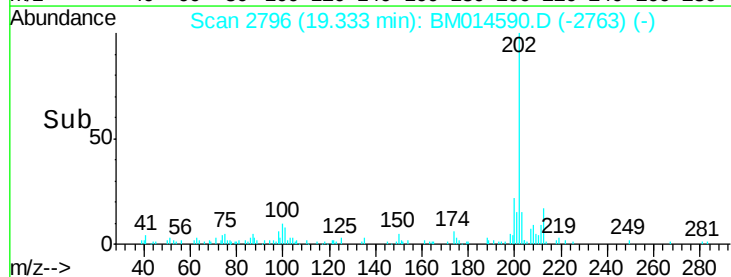
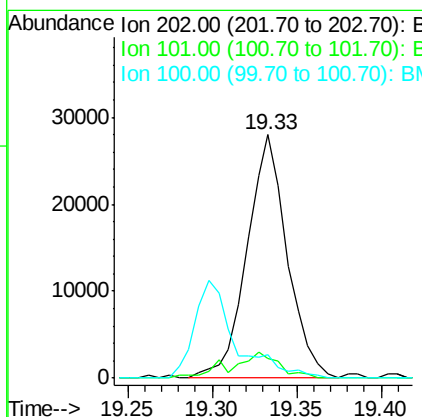
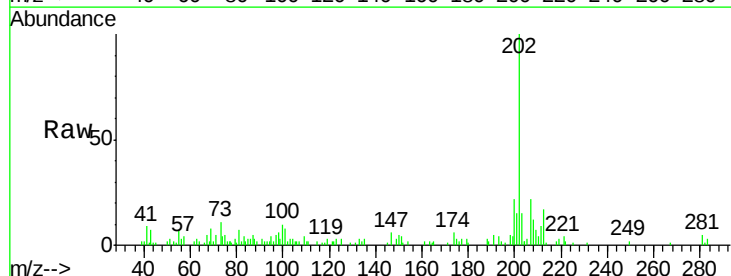
Instrument :
 BNA_M
 ClientSampleId :
 BEL30

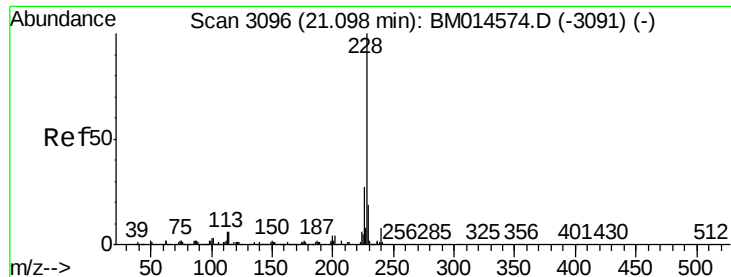
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	49924		
101	4.8		4.6	7.0
100	5.8		3.4	5.2#



#20
Pyrene
 Concen: 1.651 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM014590.D
 Acq: 15 Mar 2018 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46277		
101	8.0		5.1	7.7#
100	9.6		4.9	7.3#





#21

Benzo(a)anthracene

Concen: 1.202 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM014590.D

Acq: 15 Mar 2018 23:27

Instrument :

BNA_M

ClientSampleId :

BEL30

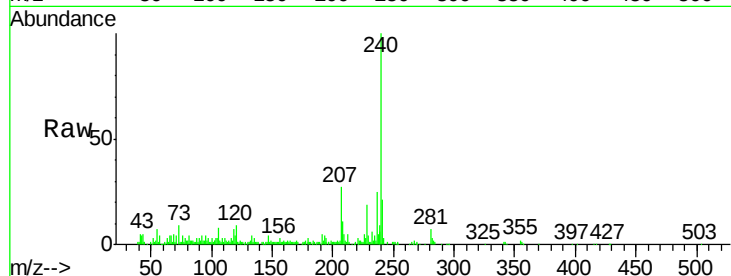
Tgt Ion:228 Resp: 28336

Ion Ratio Lower Upper

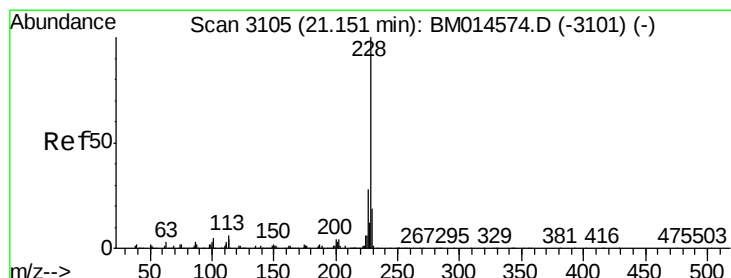
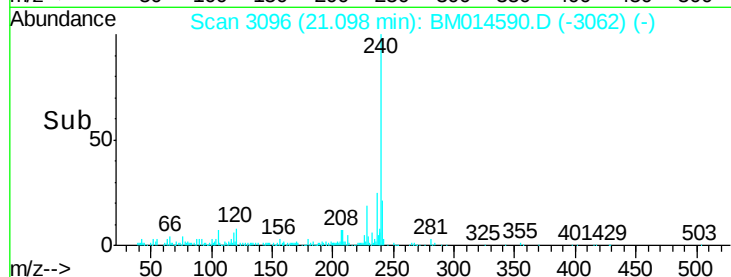
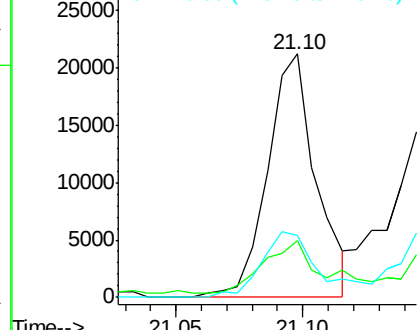
228 100

229 23.1 15.4 23.0#

226 25.5 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#22

Chrysene

Concen: 1.308 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. -0.05 min

Lab File: BM014590.D

Acq: 15 Mar 2018 23:27

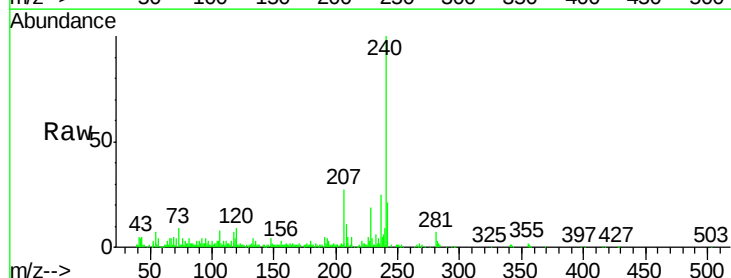
Tgt Ion:228 Resp: 28336

Ion Ratio Lower Upper

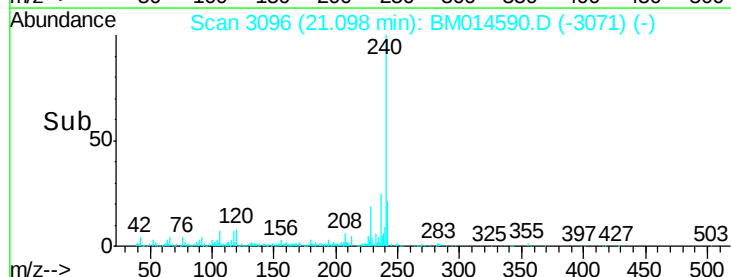
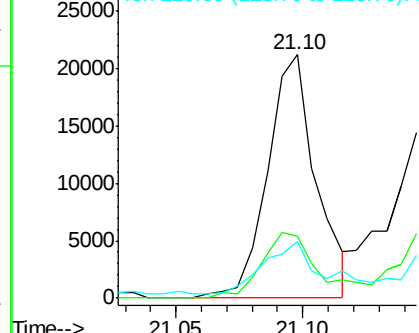
228 100

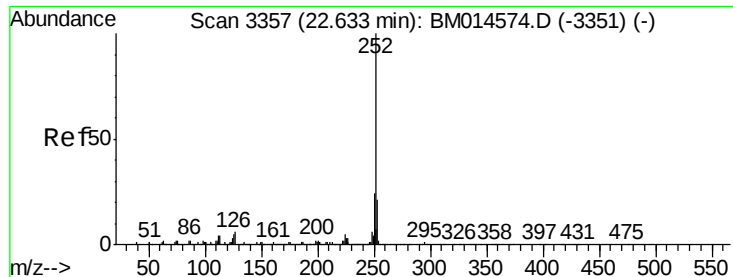
226 25.5 23.4 35.2

229 23.1 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 1.378 ng/ul

RT: 22.64 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM014590.D

Acq: 15 Mar 2018 23:27

Instrument :

BNA_M

ClientSampleId :

BEL30

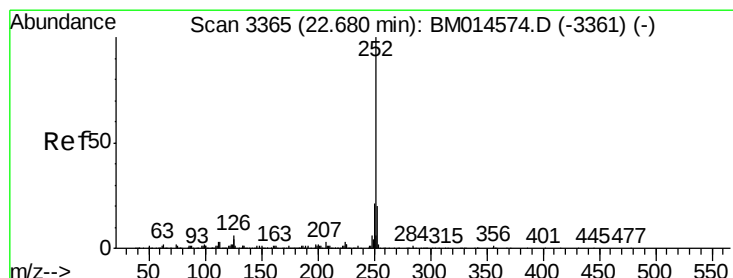
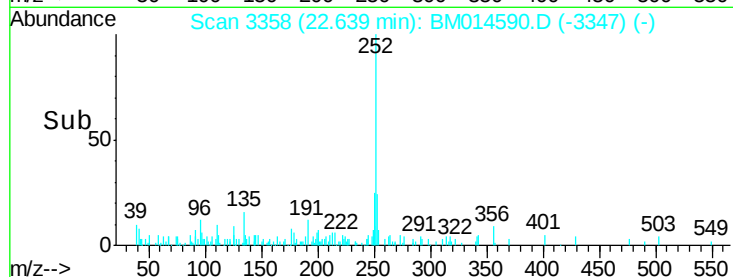
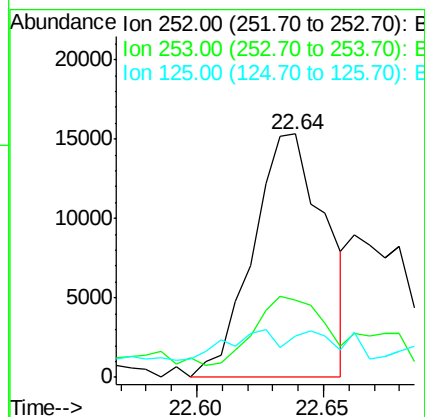
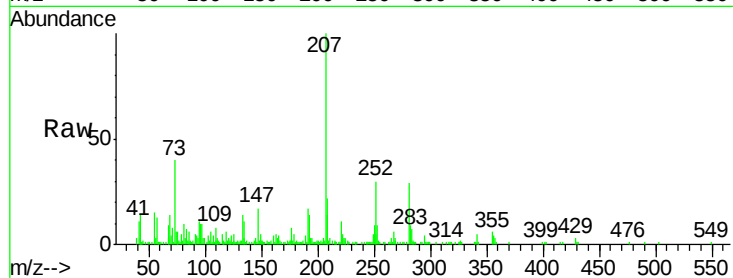
Tgt Ion:252 Resp: 30433

Ion Ratio Lower Upper

252 100

253 31.6 17.9 26.9#

125 17.1 3.6 5.4#



#25

Benzo(k)fluoranthene

Concen: 1.450 ng/ul

RT: 22.64 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM014590.D

Acq: 15 Mar 2018 23:27

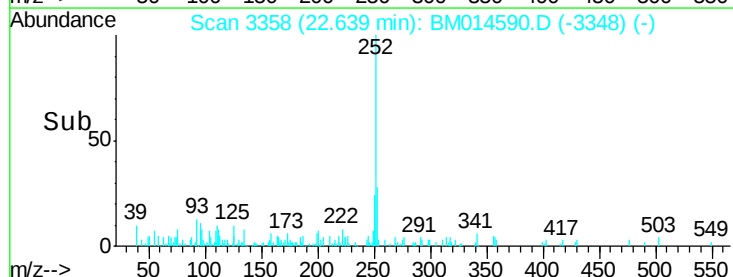
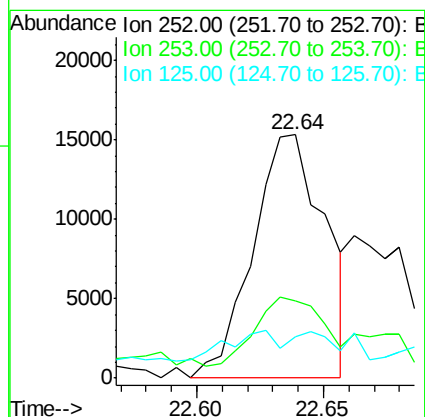
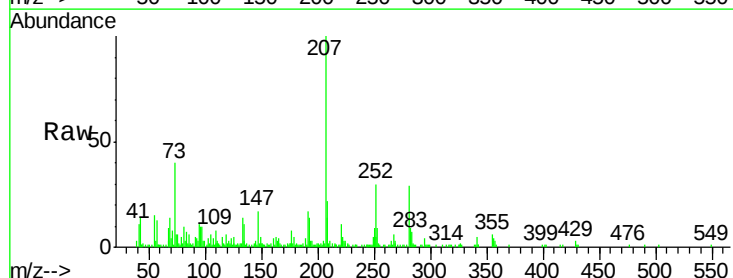
Tgt Ion:252 Resp: 30433

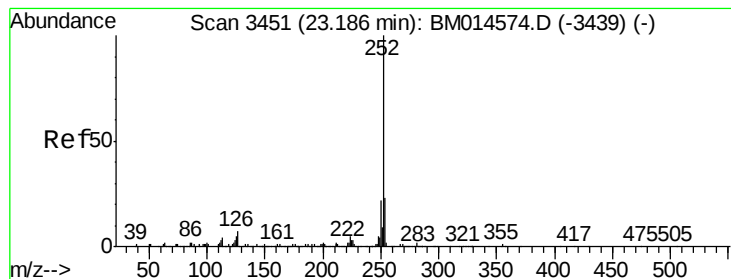
Ion Ratio Lower Upper

252 100

253 31.6 17.1 25.7#

125 17.1 3.4 5.2#





#27

Benzo(a)pyrene

Concen: 1.047 ng/ul

RT: 23.17 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM014590.D

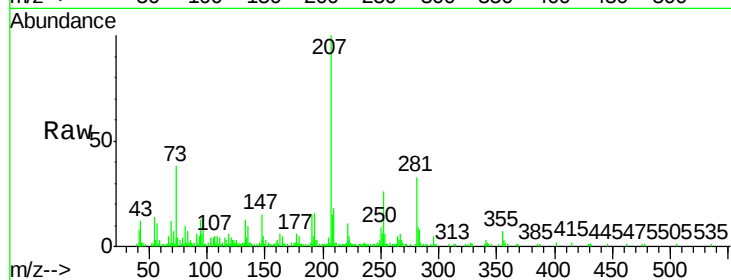
Acq: 15 Mar 2018 23:27

Instrument :

BNA_M

ClientSampleId :

BEL30



Tgt Ion:	252	Resp:	21944
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	12.3	4.0	6.0

