

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012904.D
 Acq On : 11 Nov 2017 16:27
 Operator : SJ/JU
 Sample : I6319-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 01:09:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 01:07:29 2017
 Response via : Initial Calibration

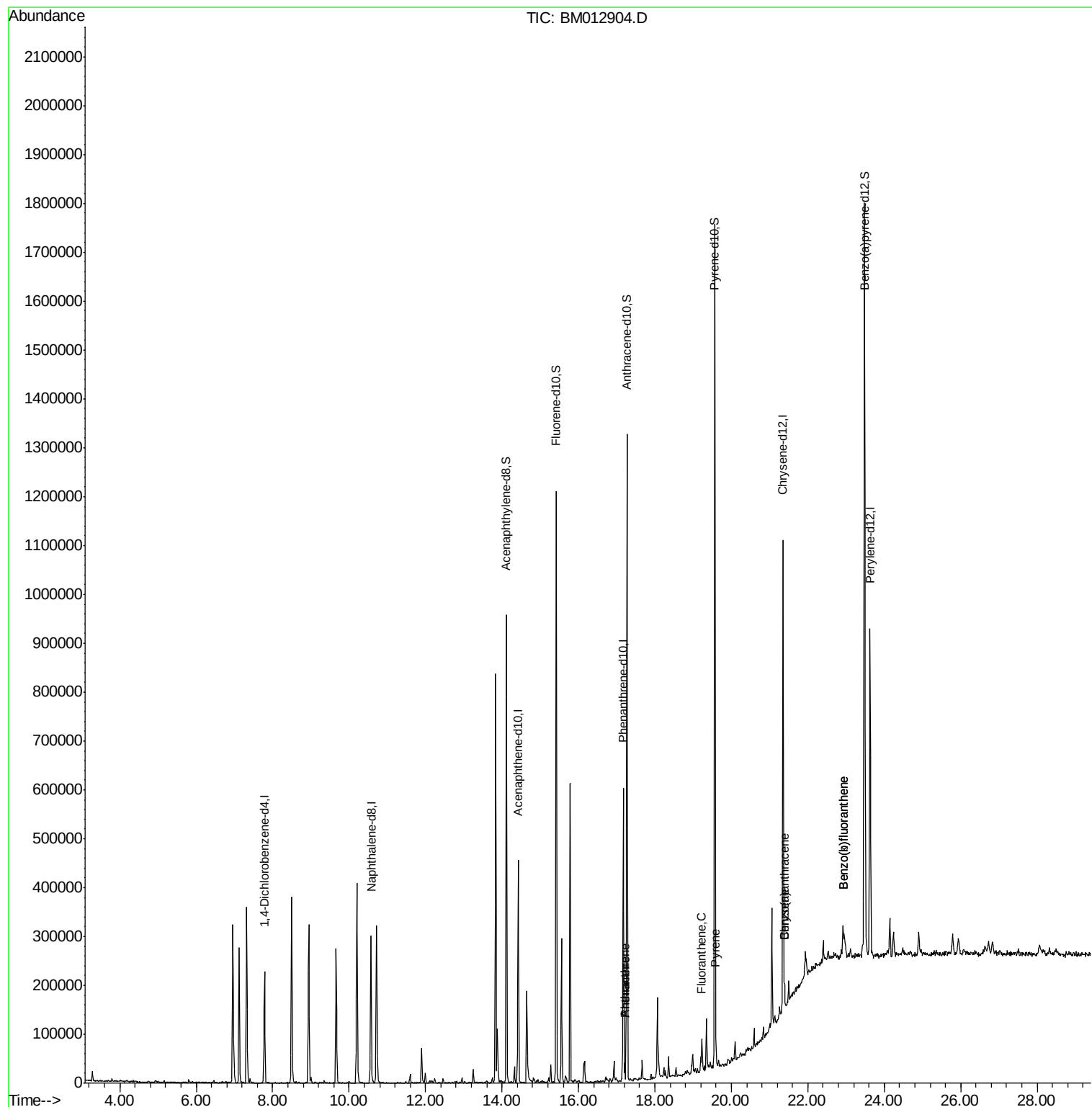
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	65291	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	254833	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	153190	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	355212	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	440927	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	487392	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	680861	42.73	ng/ul	0.00
10) Fluorene-d10	15.42	176	486627	44.65	ng/ul	0.00
14) Anthracene-d10	17.27	188	761681	44.36	ng/ul	0.00
18) Pyrene-d10	19.56	212	882356	44.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	1060952	46.11	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.21	178	24232	1.24	ng/ul	Ovalue 99
15) Anthracene	17.21	178	24232	1.19	ng/ul	98
16) Fluoranthene	19.23	202	25445	1.05	ng/ul#	94
19) Pyrene	19.59	202	25453	1.01	ng/ul#	94
20) Benzo(a)anthracene	21.39	228	29218	1.08	ng/ul	97
21) Chrysene	21.39	228	29449	1.21	ng/ul	97
23) Benzo(b)fluoranthene	22.95	252	39247	1.35	ng/ul	95
24) Benzo(k)fluoranthene	22.95	252	39062	1.41	ng/ul	95

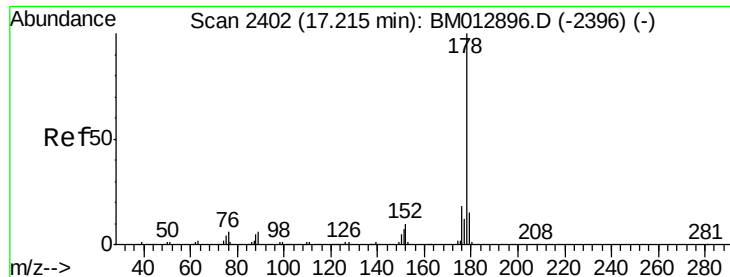
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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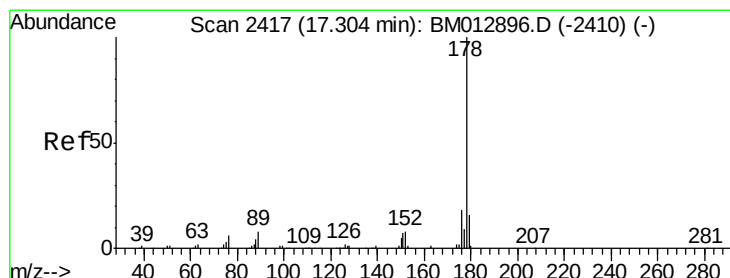
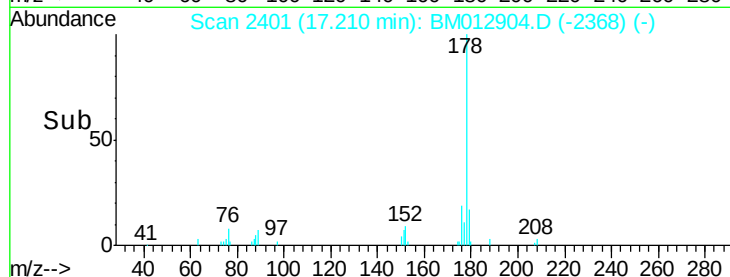
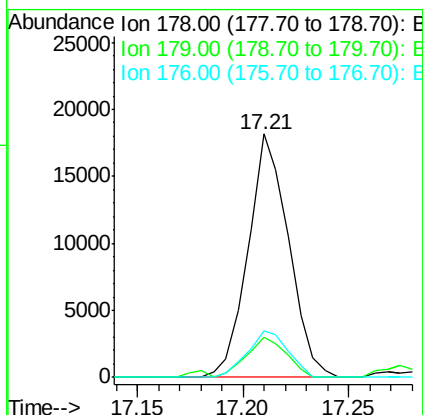
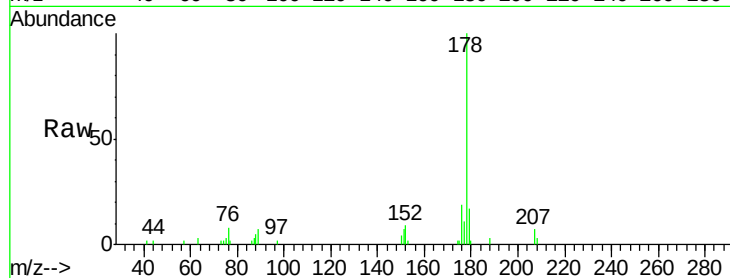




#13
Phenanthrene
Concen: 1.24 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM012904.D
Acq: 11 Nov 2017 16:27

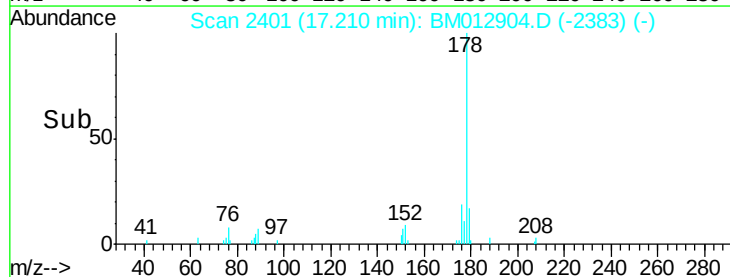
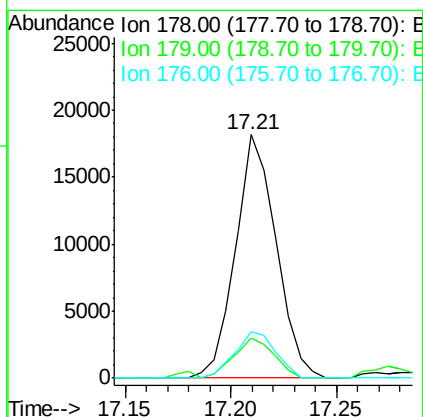
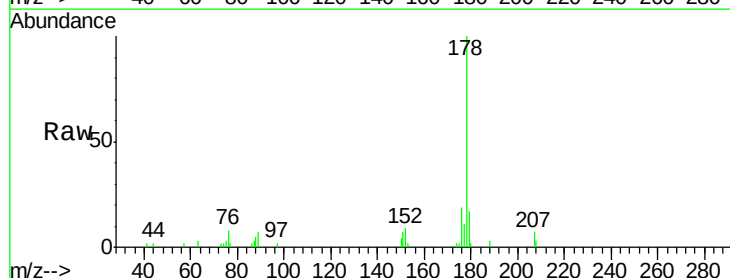
Instrument :
BNA_M
ClientSampled :

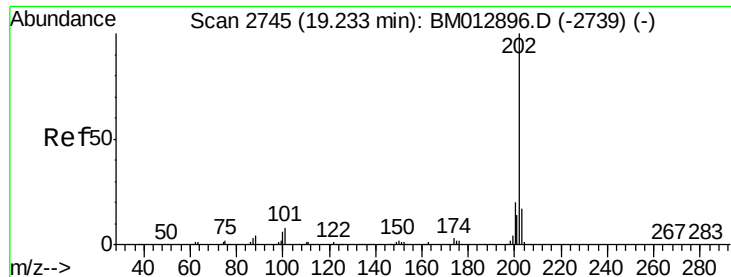
Tot Ion:178 Resp: 24232
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 19.1 15.1 22.7



#15
Anthracene
Concen: 1.19 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.09 min
Lab File: BM012904.D
Acq: 11 Nov 2017 16:27

Tgt Ion:178 Resp: 24232
Ion Ratio Lower Upper
178 100
179 16.5 11.8 17.8
176 19.1 15.2 22.8

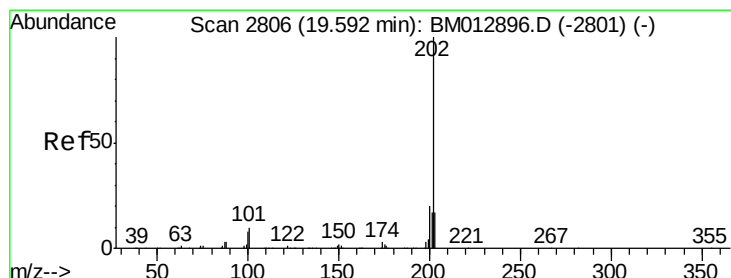
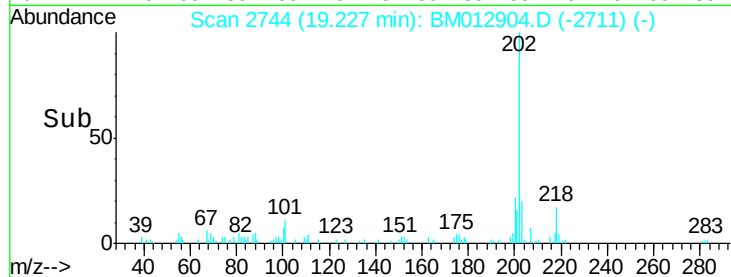
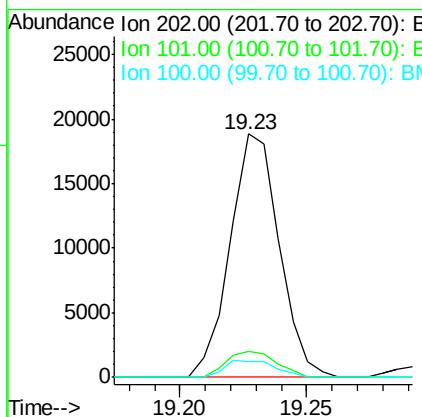
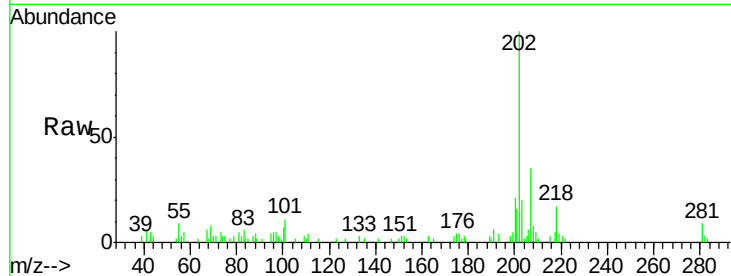




#16
 Fluoranthene
 Concen: 1.05 ng/ul
 RT: 19.23 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BM012904.D
 Acq: 11 Nov 2017 16:27

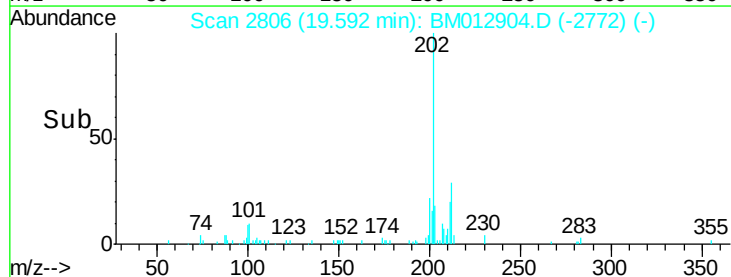
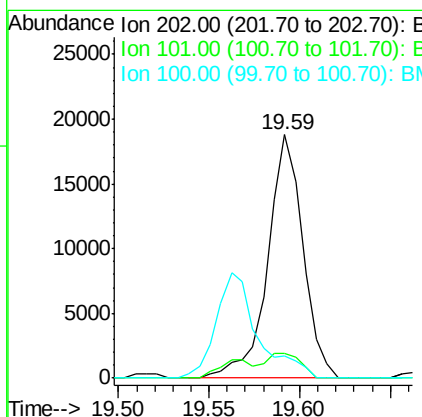
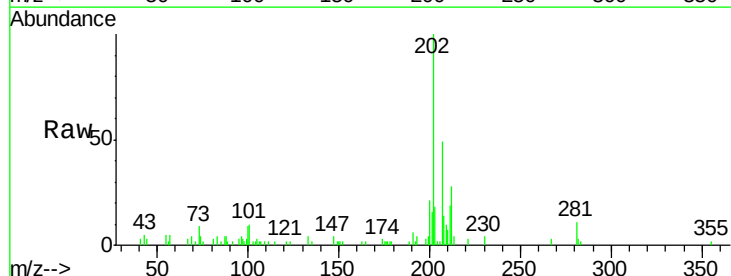
Instrument :
 BNA_M
 ClientSampleId :

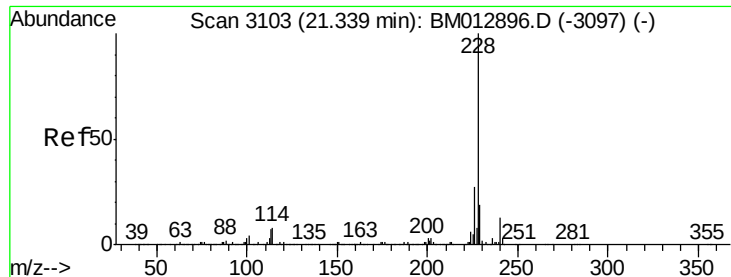
Tot Ion:	202	Resp:	25445
Ion Ratio	Lower	Upper	
202	100		
101	10.7	9.9	14.9
100	6.6	7.4	11.0#



#19
 Pyrene
 Concen: 1.01 ng/ul
 RT: 19.59 min Scan# 2806
 Delta R.T. -0.00 min
 Lab File: BM012904.D
 Acq: 11 Nov 2017 16:27

Tgt Ion:	202	Resp:	25453
Ion Ratio	Lower	Upper	
202	100		
101	10.1	11.0	16.4#
100	9.1	8.1	12.1

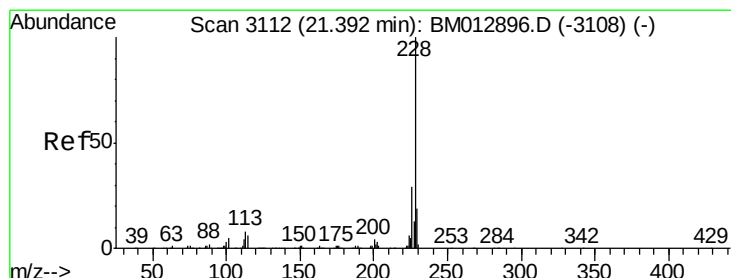
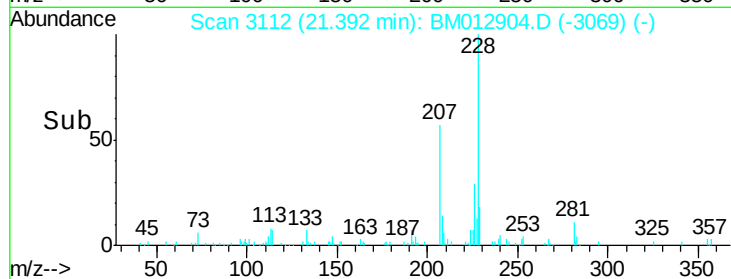
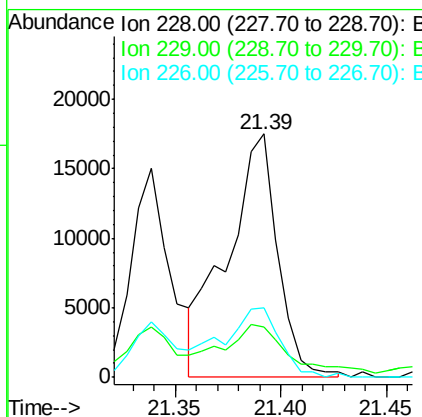
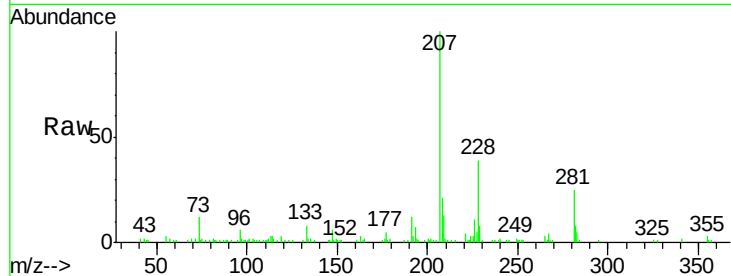




#20
Benzo(a)anthracene
Concen: 1.08 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.05 min
Lab File: BM012904.D
Acq: 11 Nov 2017 16:27

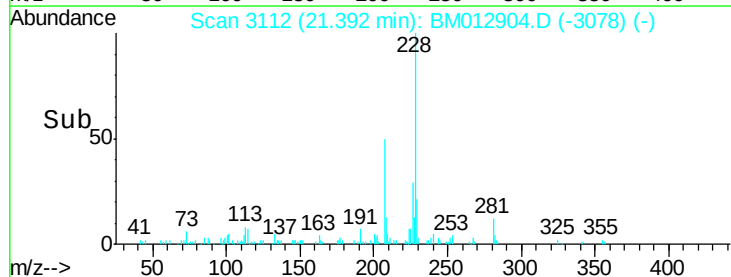
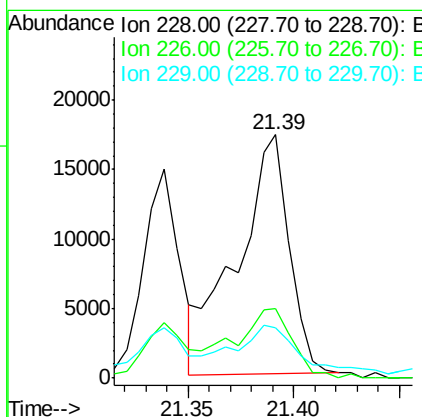
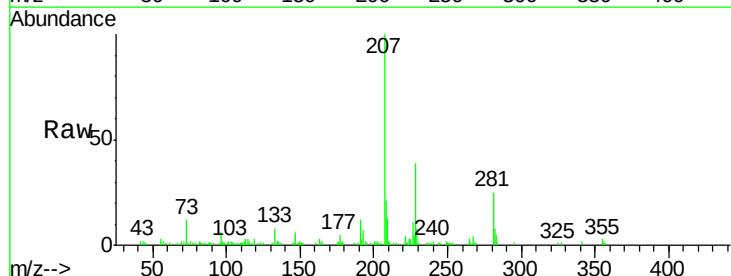
Instrument :
BNA_M
ClientSampled :

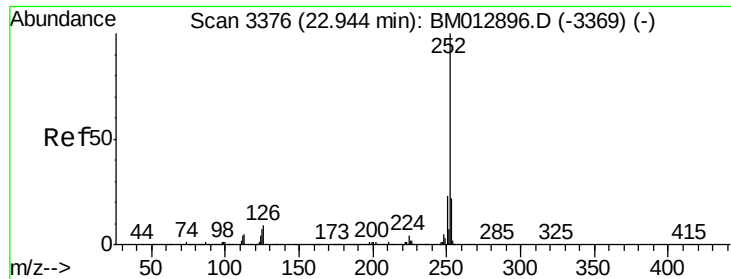
Tot Ion:228 Resp: 29218
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.5 21.1 31.7



#21
Chrysene
Concen: 1.21 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BM012904.D
Acq: 11 Nov 2017 16:27

Tgt Ion:228 Resp: 29449
Ion Ratio Lower Upper
228 100
226 28.5 24.5 36.7
229 20.7 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 1.35 ng/ul

RT: 22.95 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM012904.D

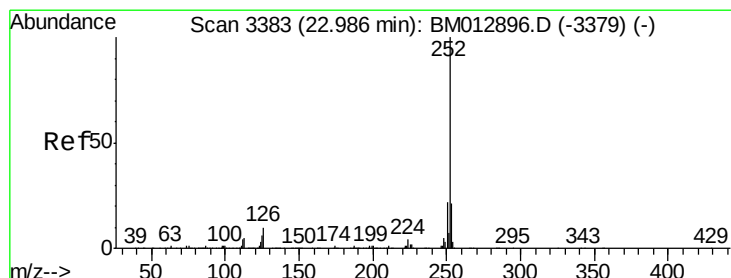
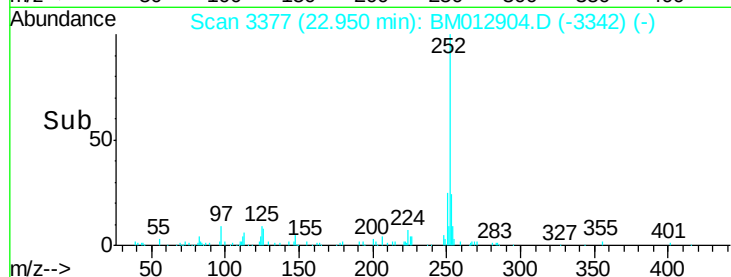
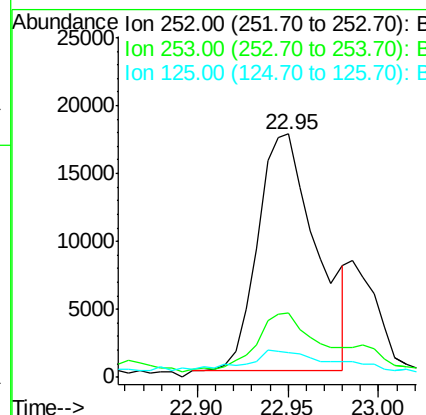
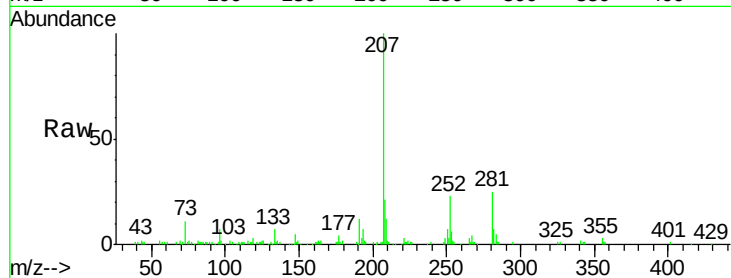
Acq: 11 Nov 2017 16:27

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	39247
Ion Ratio	Lower	Upper
252	100	
253	26.2	18.0 27.0
125	10.2	8.0 12.0



#24

Benzo(k)fluoranthene

Concen: 1.41 ng/ul

RT: 22.95 min Scan# 3377

Delta R.T. -0.04 min

Lab File: BM012904.D

Acq: 11 Nov 2017 16:27

Tgt Ion:252	Resp:	39062
Ion Ratio	Lower	Upper
252	100	
253	26.2	18.0 27.0
125	10.2	8.1 12.1

