

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012911.D
 Acq On : 11 Nov 2017 20:36
 Operator : SJ/JU
 Sample : I6319-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 01:10:49 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	7.78	152	71666	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	277453	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	165643	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	390065	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	488121	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	551624	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.12	160	554285	32.17	ng/ul	0.00
10) Fluorene-d10	15.42	176	402754	34.18	ng/ul	0.00
14) Anthracene-d10	17.27	188	622652	33.02	ng/ul	0.00
18) Pyrene-d10	19.56	212	729768	33.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.48	264	910379	34.96	ng/ul	0.00

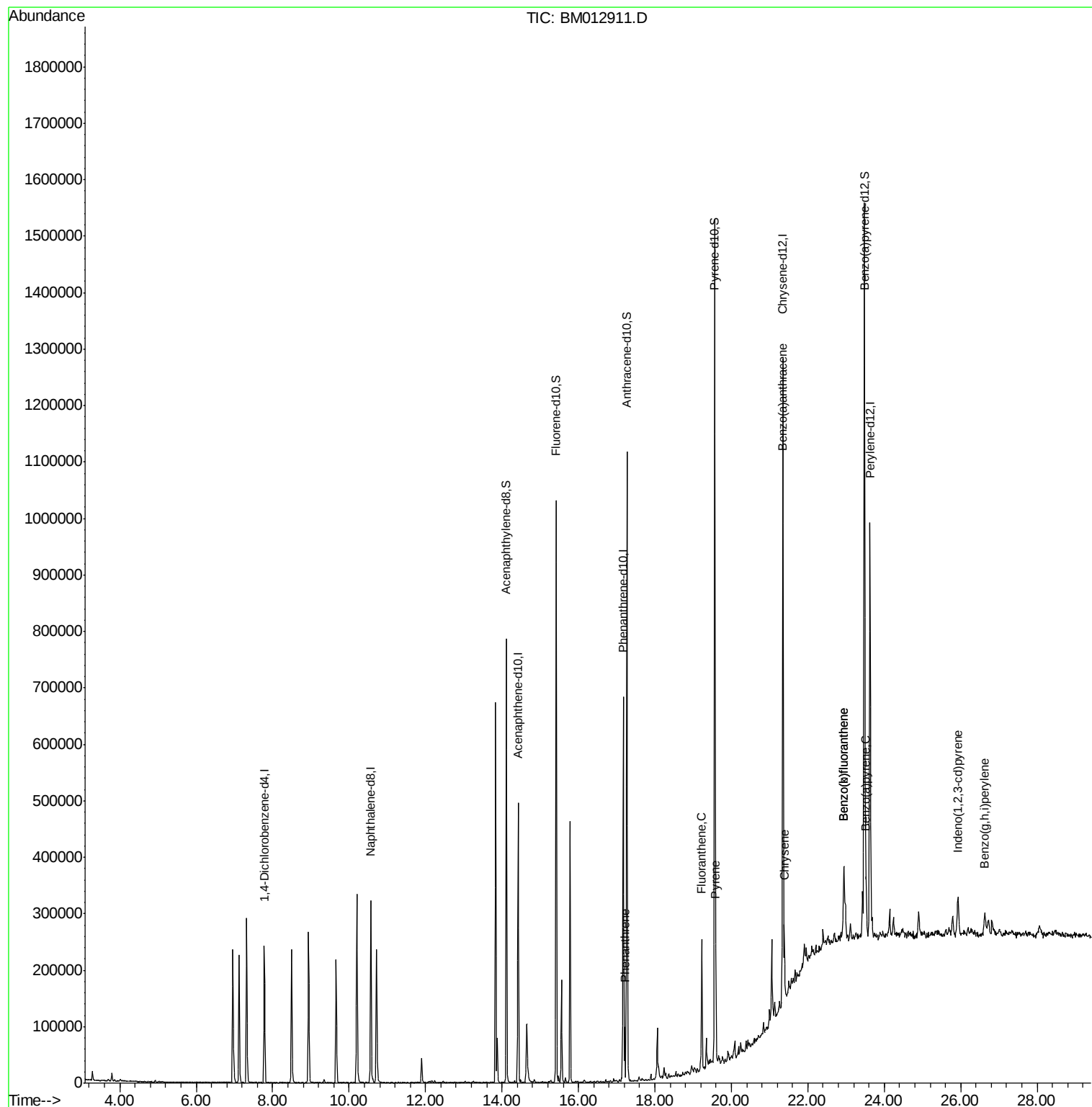
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.21	178	60535	2.81	ng/ul	98
16) Fluoranthene	19.23	202	132217	4.99	ng/ul#	91
19) Pyrene	19.59	202	116252	4.15	ng/ul	96
20) Benzo(a)anthracene	21.34	228	78414	2.61	ng/ul	97
21) Chrysene	21.39	228	69693	2.60	ng/ul	96
23) Benzo(b)fluoranthene	22.94	252	110540	3.37	ng/ul	98
24) Benzo(k)fluoranthene	22.94	252	118484	3.78	ng/ul	98
26) Benzo(a)pyrene	23.53	252	76167	2.39	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.93	276	60840	1.48	ng/ul	92
29) Benzo(g,h,i)perylene	26.63	276	49632	1.45	ng/ul	94

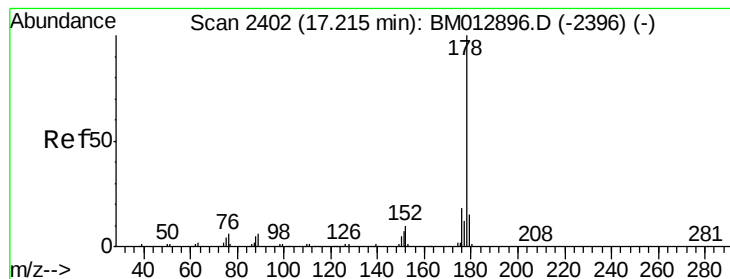
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012911.D
Acq On : 11 Nov 2017 20:36
Operator : SJ/JU
Sample : I6319-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 13 01:10:49 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





#13

Phenanthrene

Concen: 2.81 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM012911.D

Acq: 11 Nov 2017 20:36

Instrument :

BNA_M

ClientSampleId :

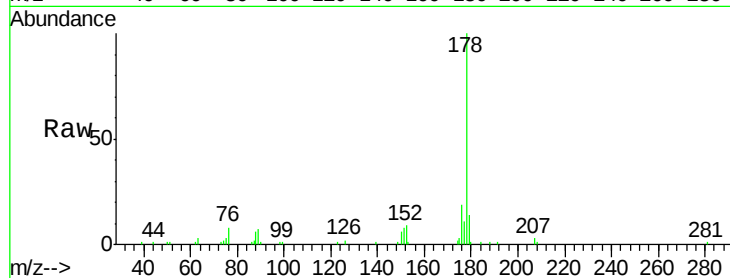
Tot Ion:178 Resp: 60535

Ion Ratio Lower Upper

178 100

179 13.6 12.3 18.5

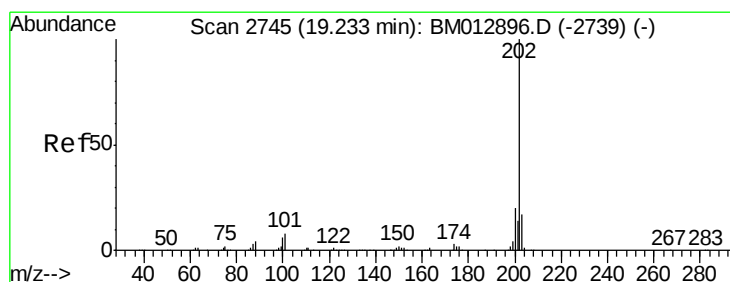
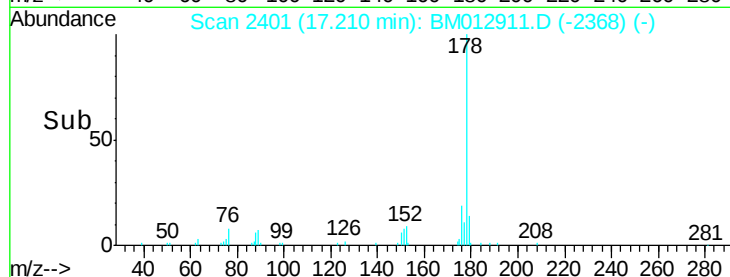
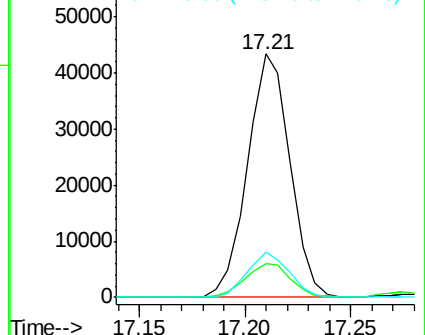
176 18.7 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 4.99 ng/ul

RT: 19.23 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM012911.D

Acq: 11 Nov 2017 20:36

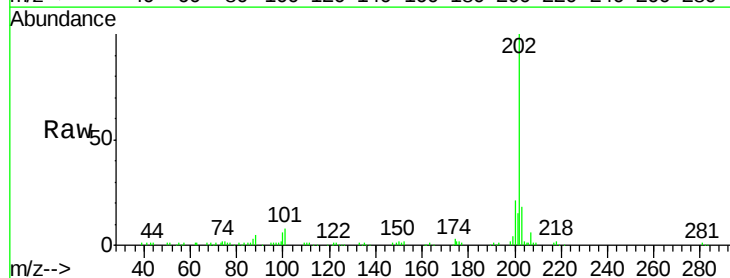
Tgt Ion:202 Resp: 132217

Ion Ratio Lower Upper

202 100

101 8.4 9.9 14.9#

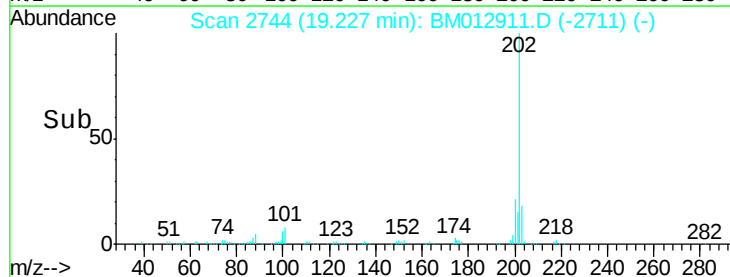
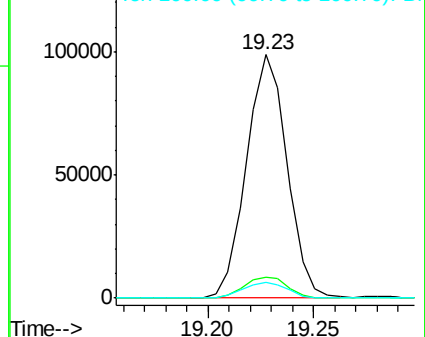
100 6.2 7.4 11.0#

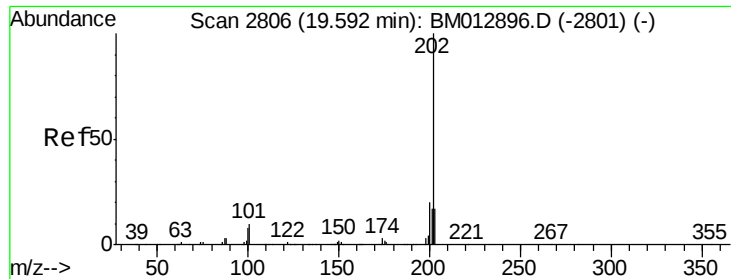


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

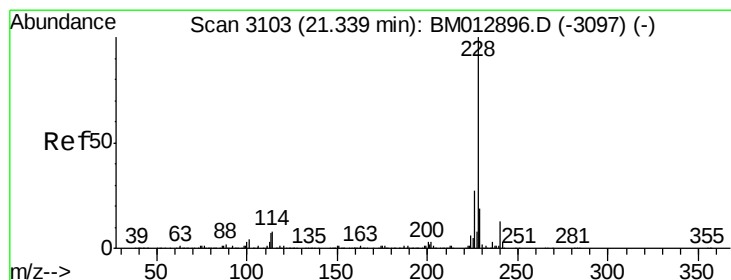
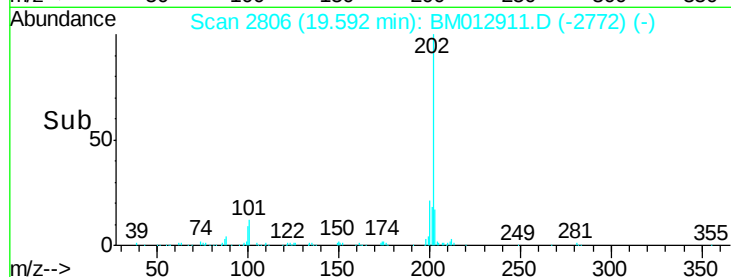
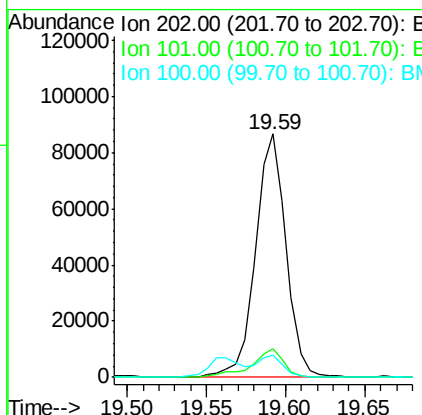
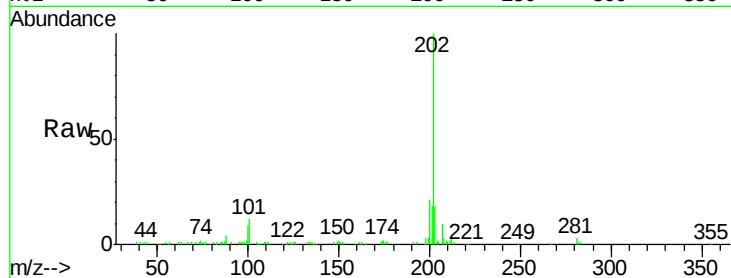




#19
Pvrene
Concen: 4.15 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BM012911.D
Acq: 11 Nov 2017 20:36

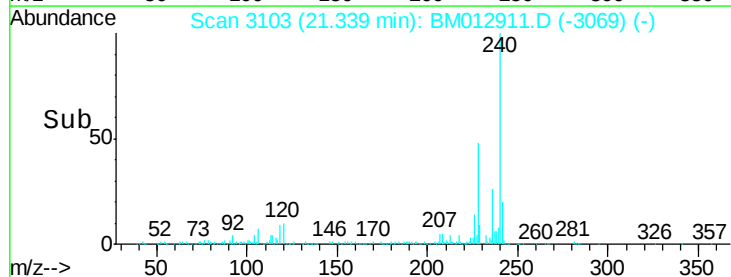
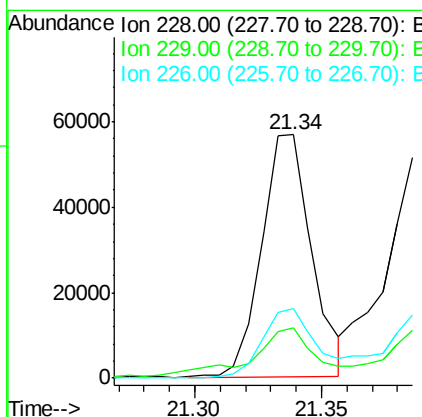
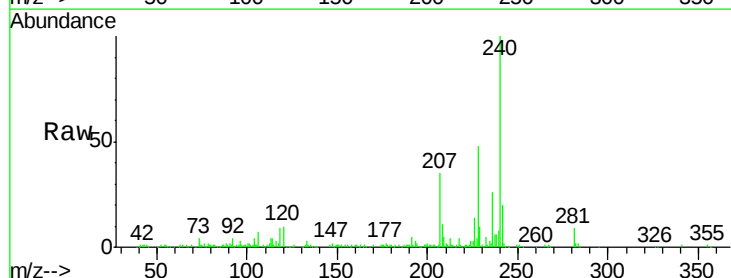
Instrument :
BNA_M
ClientSampleId :

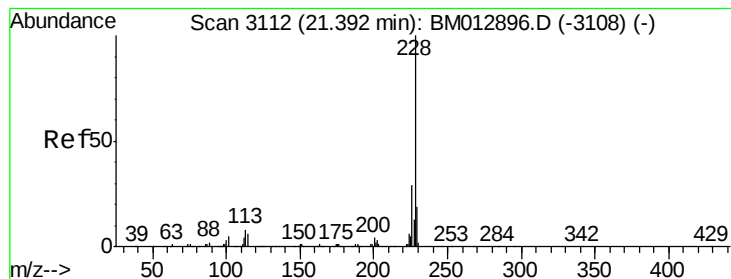
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	11.0	16.4
100	9.0	8.1	12.1



#20
Benzo(a)anthracene
Concen: 2.61 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM012911.D
Acq: 11 Nov 2017 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	28.7	21.1	31.7





#21

Chrysene

Concen: 2.60 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM012911.D

Acq: 11 Nov 2017 20:36

Instrument :

BNA_M

ClientSampleId :

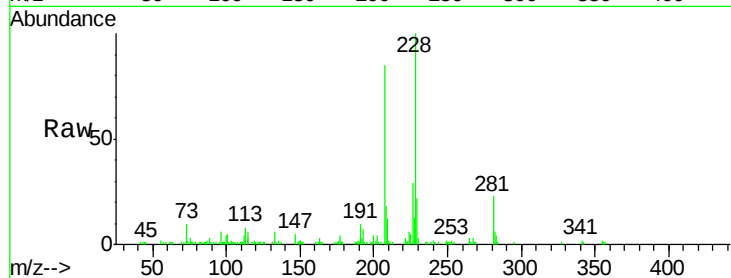
Tot Ion:228 Resp: 69693

Ion Ratio Lower Upper

228 100

226 28.9 24.5 36.7

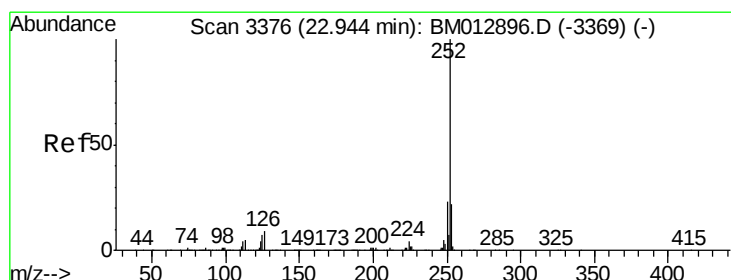
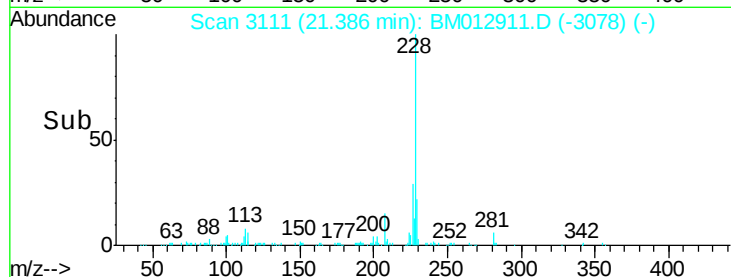
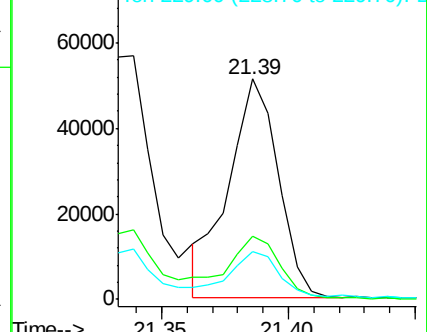
229 21.8 15.8 23.8



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



#23

Benzo(b)fluoranthene

Concen: 3.37 ng/ul

RT: 22.94 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BM012911.D

Acq: 11 Nov 2017 20:36

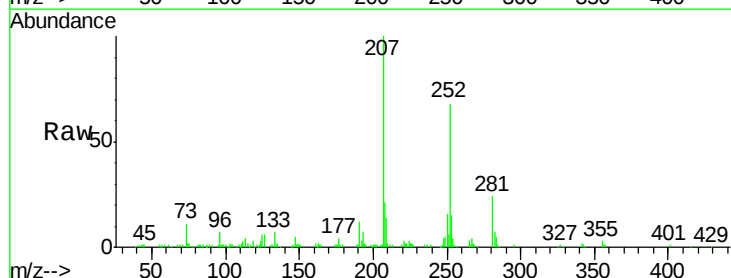
Tgt Ion:252 Resp: 110540

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

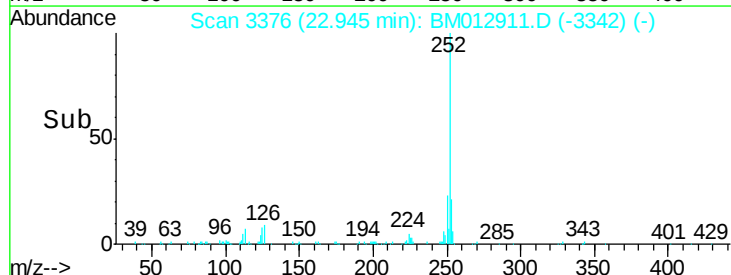
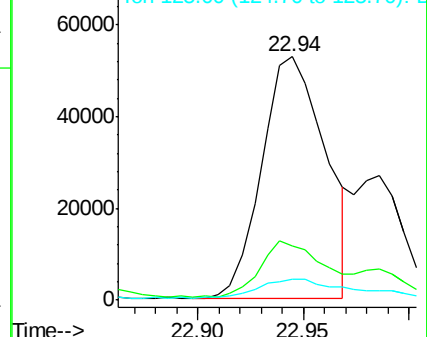
125 8.6 8.0 12.0

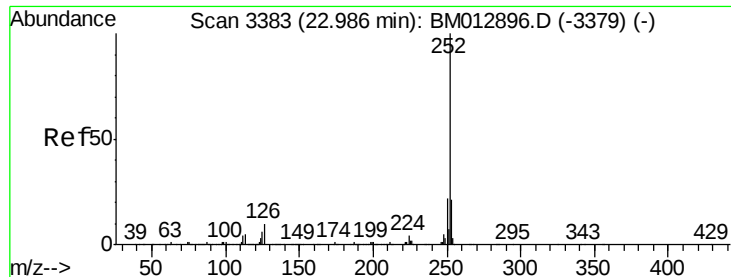


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

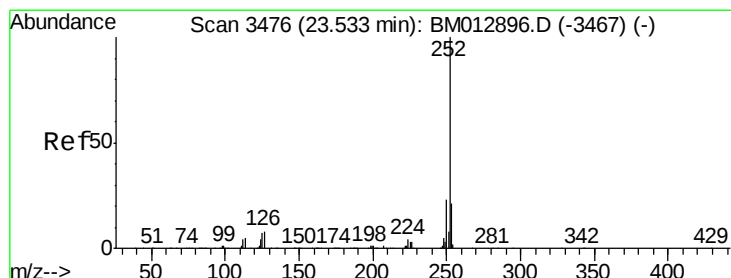
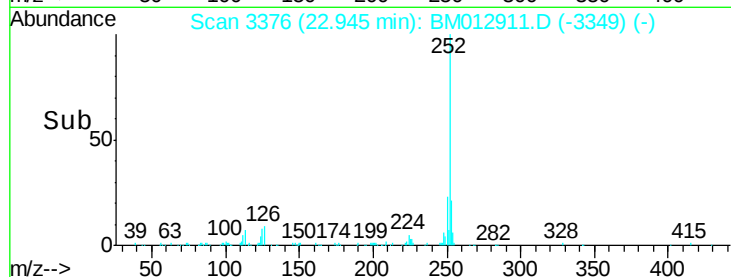
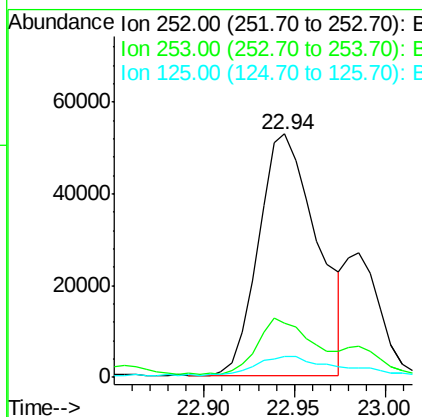
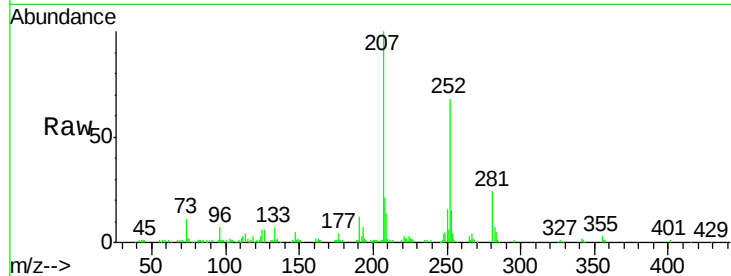




#24
Benzo(k)fluoranthene
Concen: 3.78 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BM012911.D
Acq: 11 Nov 2017 20:36

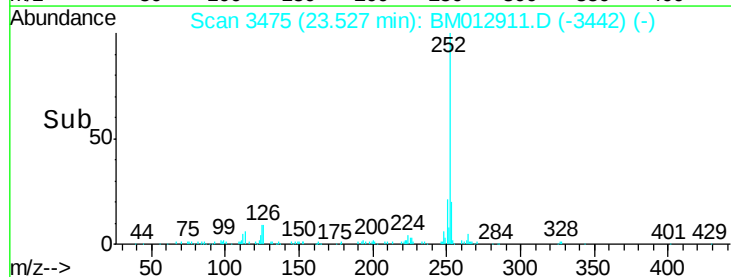
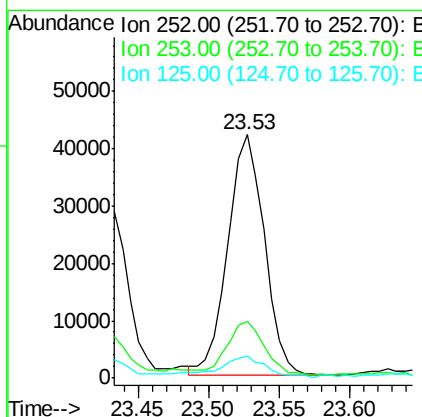
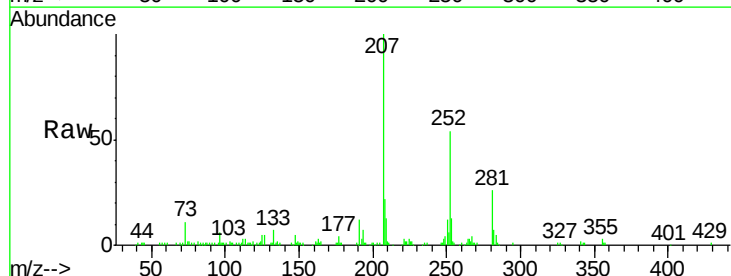
Instrument :
BNA_M
ClientSampleId :

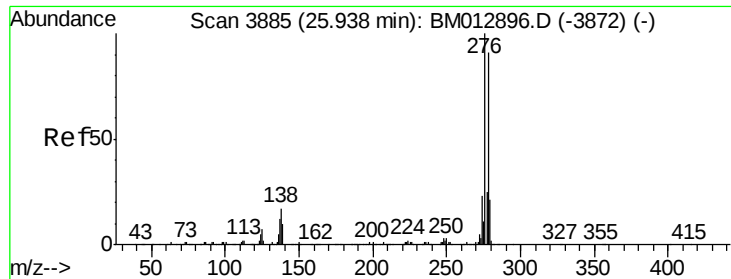
Tot Ion:252 Resp: 118484
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.6 8.1 12.1



#26
Benzo(a)pyrene
Concen: 2.39 ng/ul
RT: 23.53 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM012911.D
Acq: 11 Nov 2017 20:36

Tgt Ion:252 Resp: 76167
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 9.3 8.2 12.4

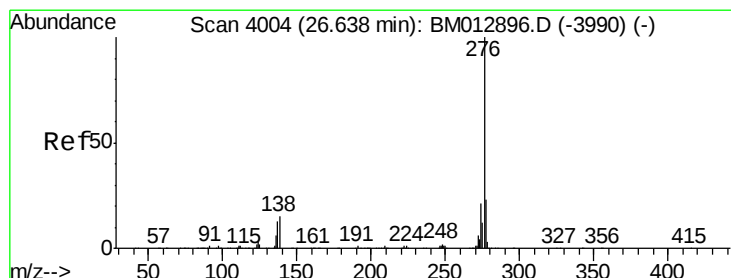
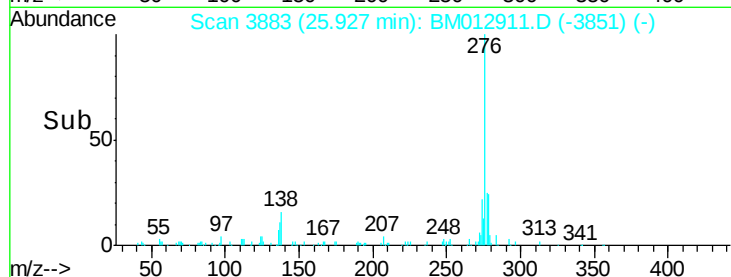
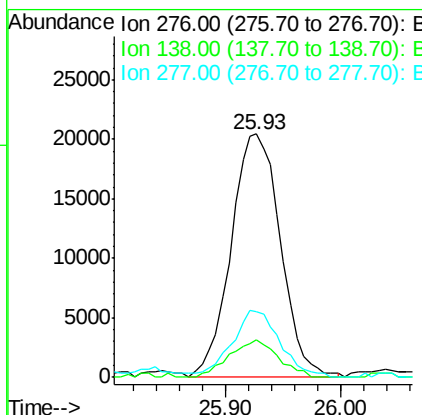
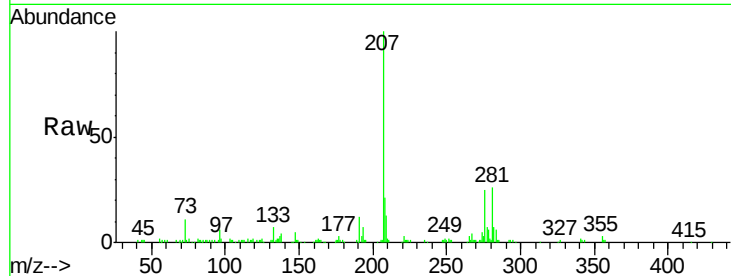




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.48 ng/ul
 RT: 25.93 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BM012911.D
 Acq: 11 Nov 2017 20:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	14.4	21.6
277	26.8	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.45 ng/ul
 RT: 26.63 min Scan# 4003
 Delta R.T. -0.01 min
 Lab File: BM012911.D
 Acq: 11 Nov 2017 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.3	22.9
277	21.5	19.0	28.4

