

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012915.D
 Acq On : 11 Nov 2017 22:58
 Operator : SJ/JU
 Sample : I6317-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 02:10:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 02:06:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	85953	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	322484	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	182917	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	424085	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	524389	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	591622	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	303803	15.97	ng/ul	0.00
10) Fluorene-d10	15.42	176	226458	17.40	ng/ul	0.00
14) Anthracene-d10	17.27	188	342203	16.69	ng/ul	0.00
18) Pyrene-d10	19.56	212	401508	17.11	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.48	264	477037	17.08	ng/ul	0.00

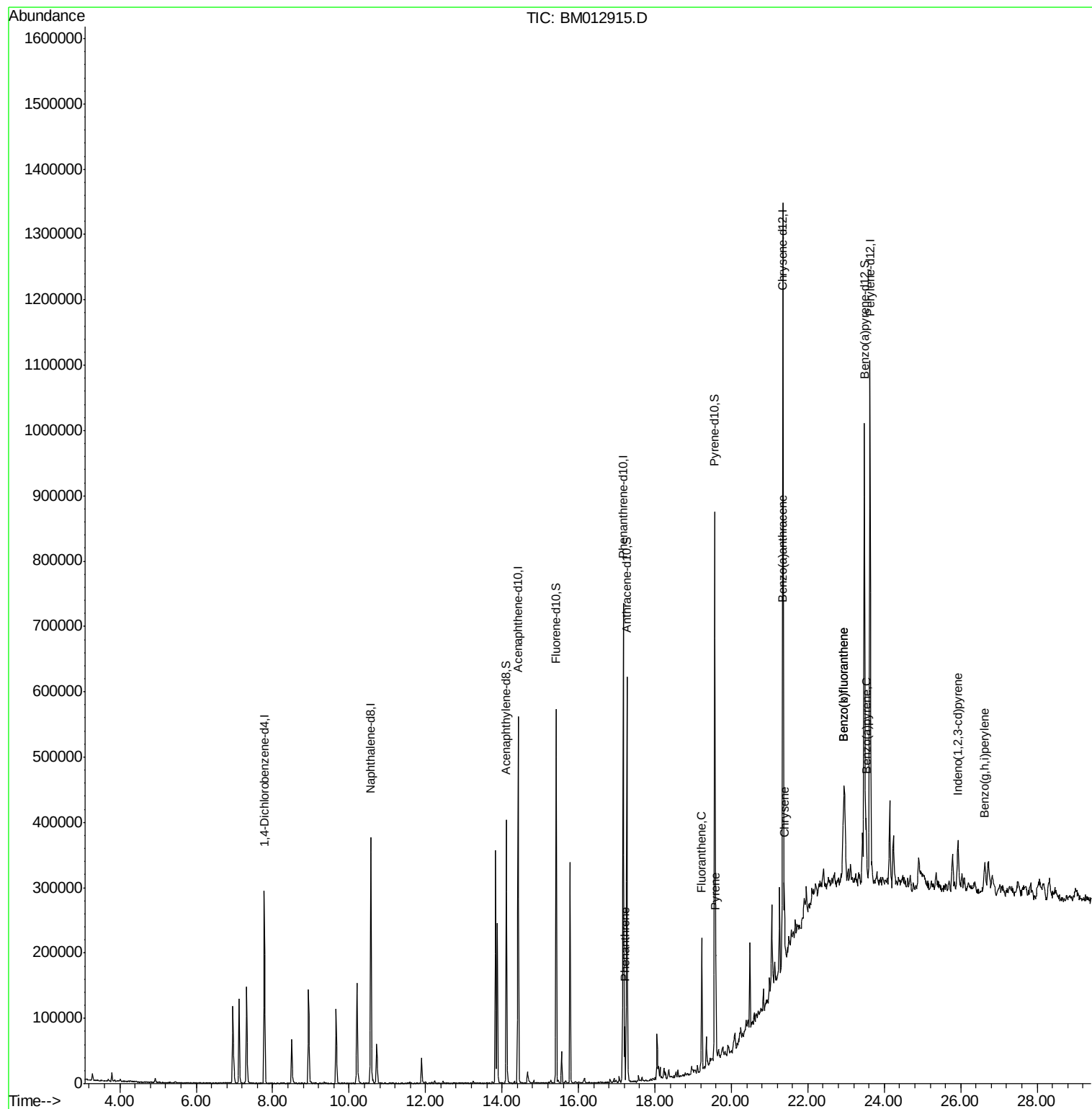
Target Compounds				Ovalue		
13) Phenanthrene	17.21	178	52970	2.26	ng/ul	99
16) Fluoranthene	19.23	202	116068	4.03	ng/ul#	92
19) Pyrene	19.59	202	92608	3.08	ng/ul	94
20) Benzo(a)anthracene	21.33	228	71331	2.21	ng/ul	97
21) Chrysene	21.39	228	62669	2.17	ng/ul	98
23) Benzo(b)fluoranthene	22.94	252	118875	3.38	ng/ul	96
24) Benzo(k)fluoranthene	22.94	252	118875	3.54	ng/ul	96
26) Benzo(a)pyrene	23.53	252	67008	1.96	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.93	276	62059	1.41	ng/ul#	93
29) Benzo(g,h,i)perylene	26.63	276	53135	1.45	ng/ul	95

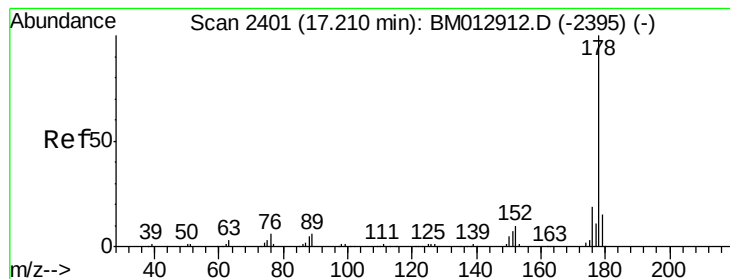
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.26 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM012915.D

Acq: 11 Nov 2017 22:58

Instrument :

BNA_M

ClientSampled :

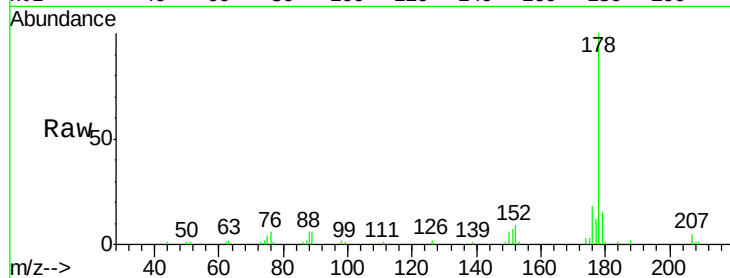
Tot Ion:178 Resp: 52970

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

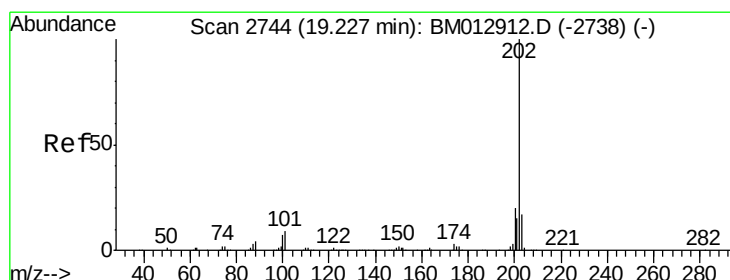
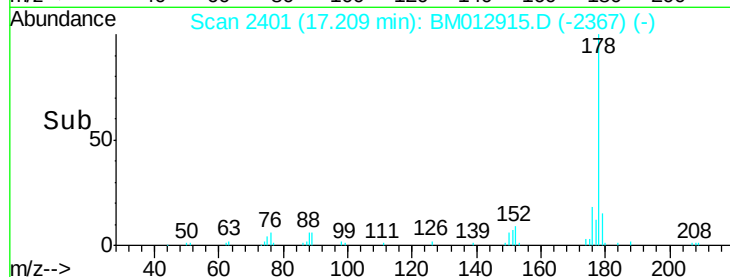
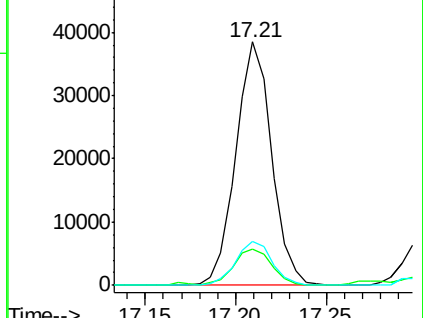
176 18.2 15.1 22.7



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: 4.03 ng/ul

RT: 19.23 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BM012915.D

Acq: 11 Nov 2017 22:58

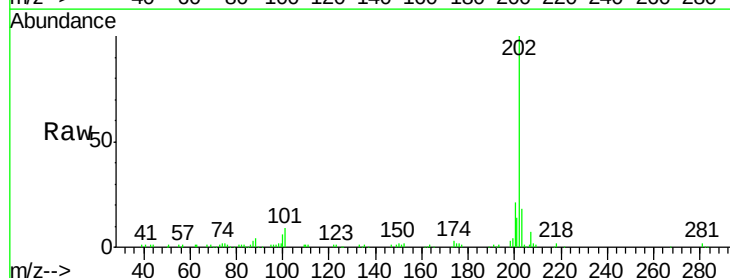
Tgt Ion:202 Resp: 116068

Ion Ratio Lower Upper

202 100

101 9.2 9.9 14.9#

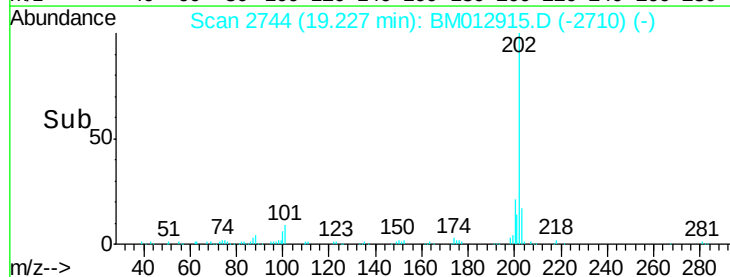
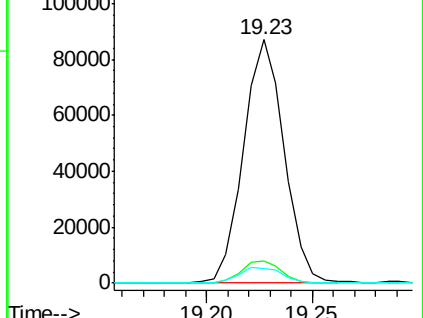
100 6.2 7.4 11.0#

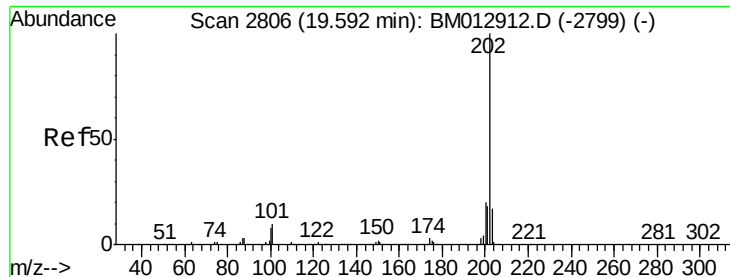


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

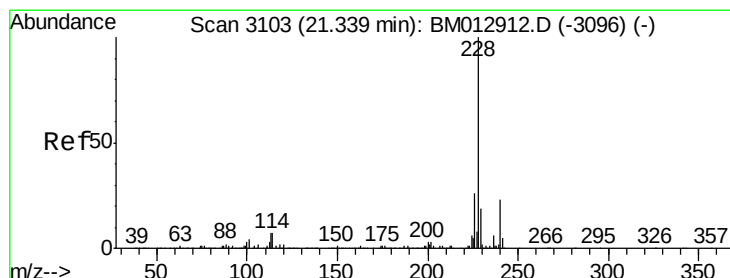
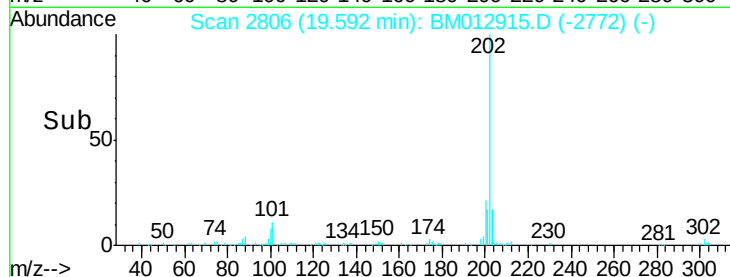
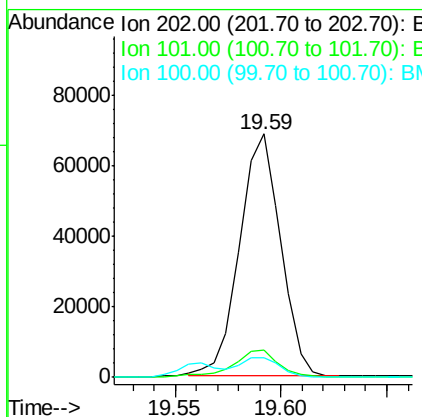
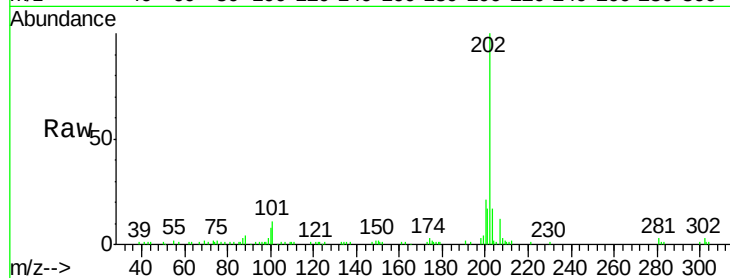




#19
Pvrene
Concen: 3.08 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BM012915.D
Acq: 11 Nov 2017 22:58

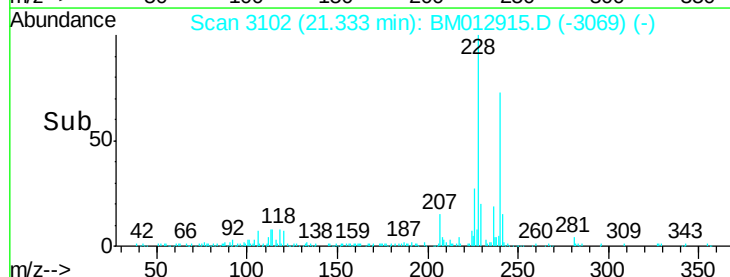
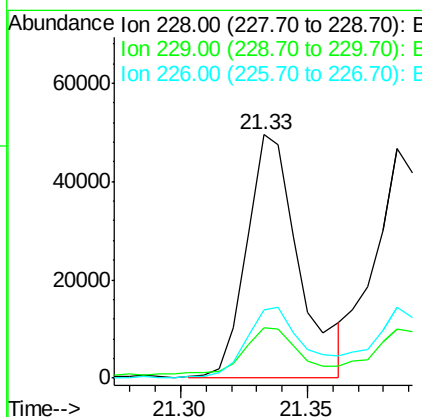
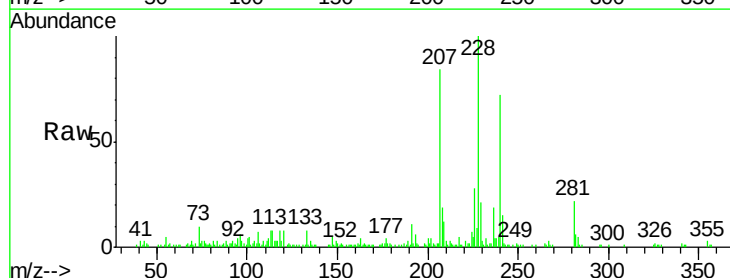
Instrument :
BNA_M
ClientSampleId :

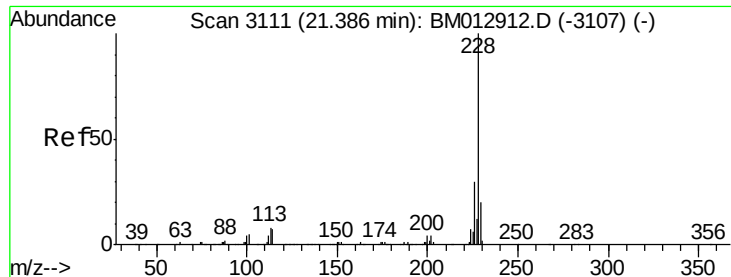
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	11.0	16.4
100	8.2	8.1	12.1



#20
Benzo(a)anthracene
Concen: 2.21 ng/ul
RT: 21.33 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM012915.D
Acq: 11 Nov 2017 22:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.9	21.1	31.7





#21

Chrysene

Concen: 2.17 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM012915.D

Acq: 11 Nov 2017 22:58

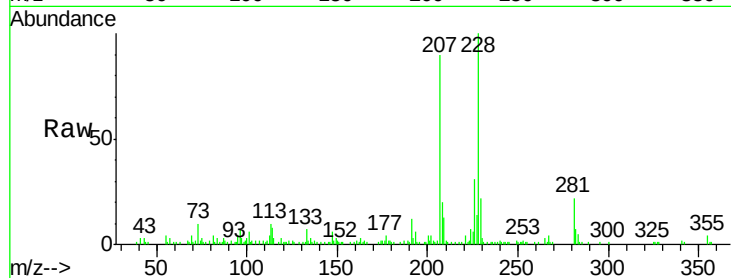
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 62669

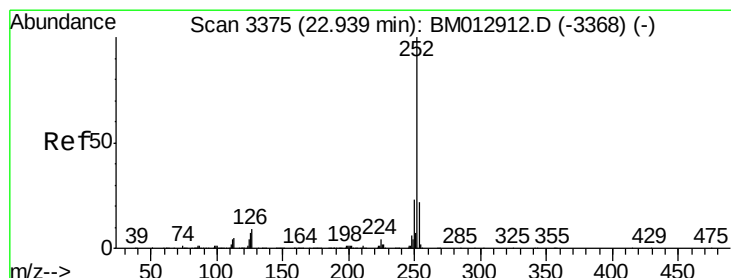
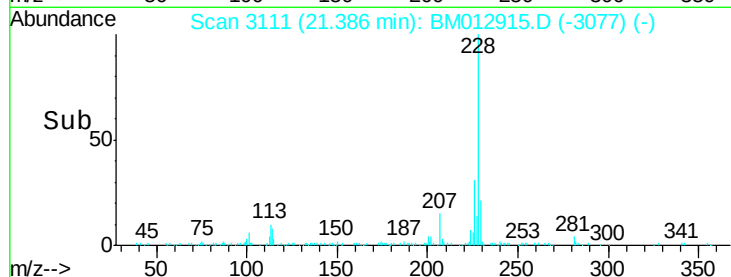
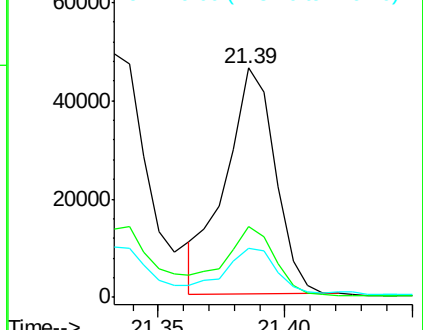
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	21.7	15.8	23.8



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: 3.38 ng/ul

RT: 22.94 min Scan# 3376

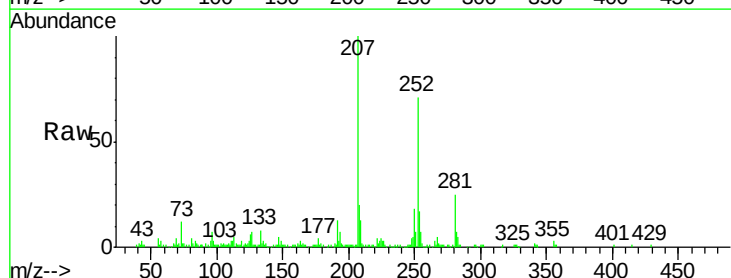
Delta R.T. 0.01 min

Lab File: BM012915.D

Acq: 11 Nov 2017 22:58

Tgt Ion:252 Resp: 118875

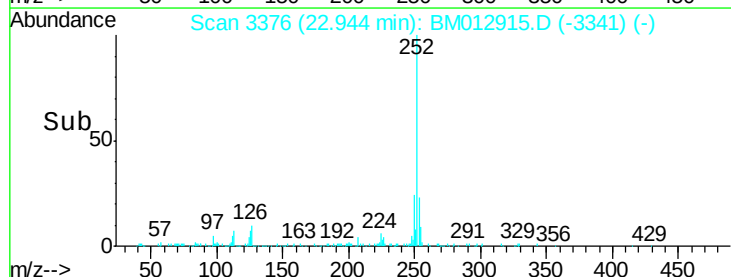
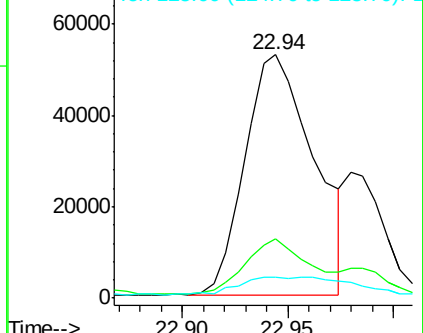
Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	8.4	8.0	12.0

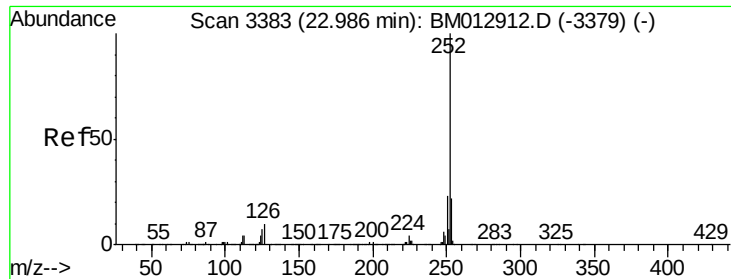


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

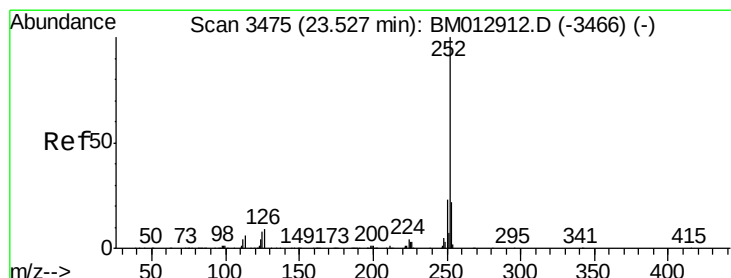
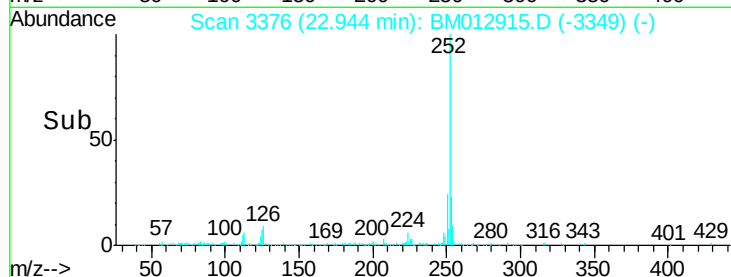
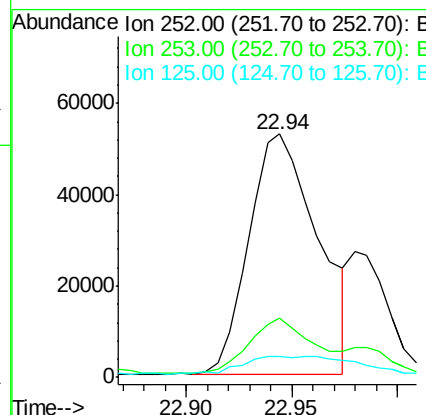
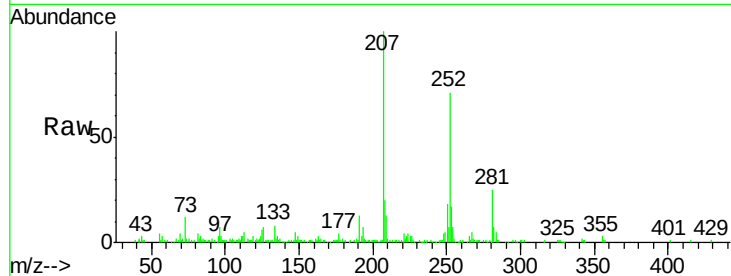




#24
Benzo(k)fluoranthene
Concen: 3.54 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BM012915.D
Acq: 11 Nov 2017 22:58

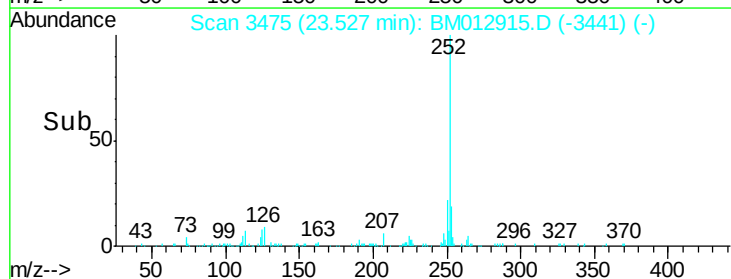
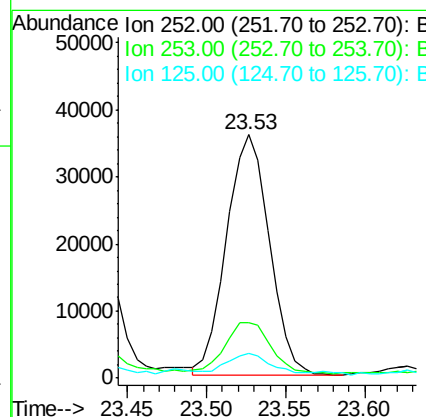
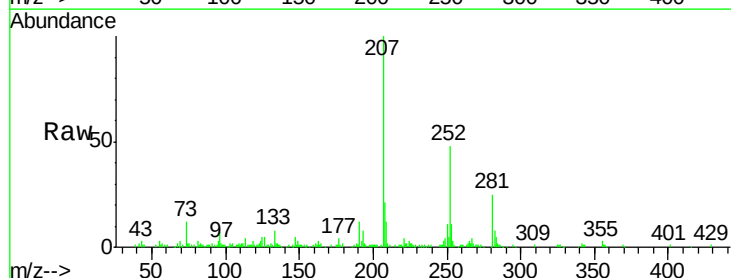
Instrument :
BNA_M
ClientSampleId :

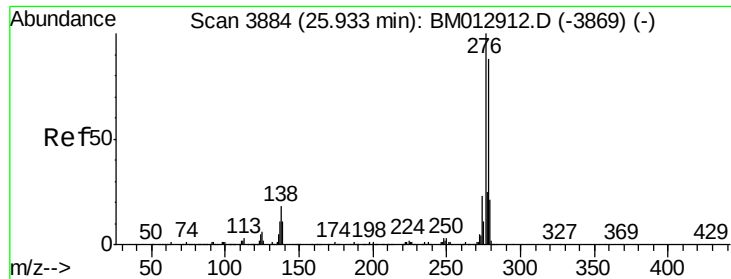
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	8.4	8.1	12.1



#26
Benzo(a)pyrene
Concen: 1.96 ng/ul
RT: 23.53 min Scan# 3475
Delta R.T. -0.00 min
Lab File: BM012915.D
Acq: 11 Nov 2017 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.3	8.2	12.4

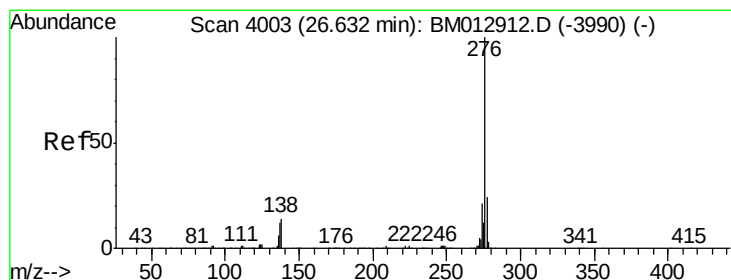
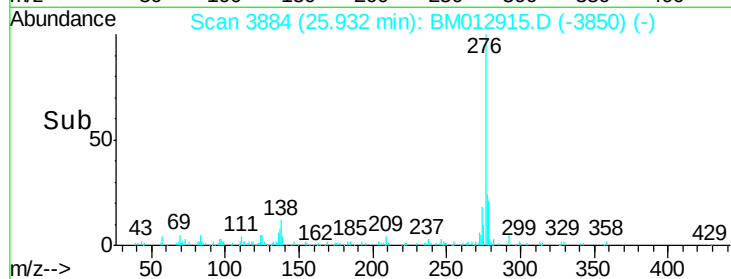
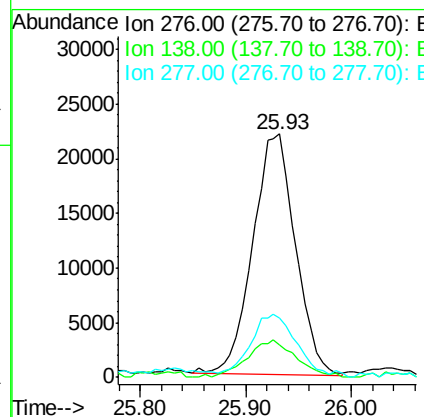
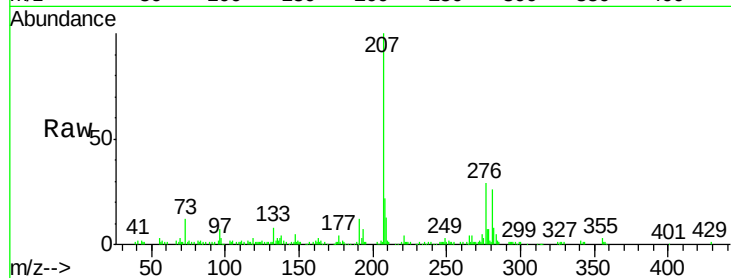




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.41 ng/ul
 RT: 25.93 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: BM012915.D
 Acq: 11 Nov 2017 22:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.4	14.4	21.6#
277	24.6	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.45 ng/ul
 RT: 26.63 min Scan# 4003
 Delta R.T. -0.00 min
 Lab File: BM012915.D
 Acq: 11 Nov 2017 22:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.3	22.9
277	22.0	19.0	28.4

