

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012925.D
 Acq On : 12 Nov 2017 04:51
 Operator : SJ/JU
 Sample : I6317-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 02:12:24 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

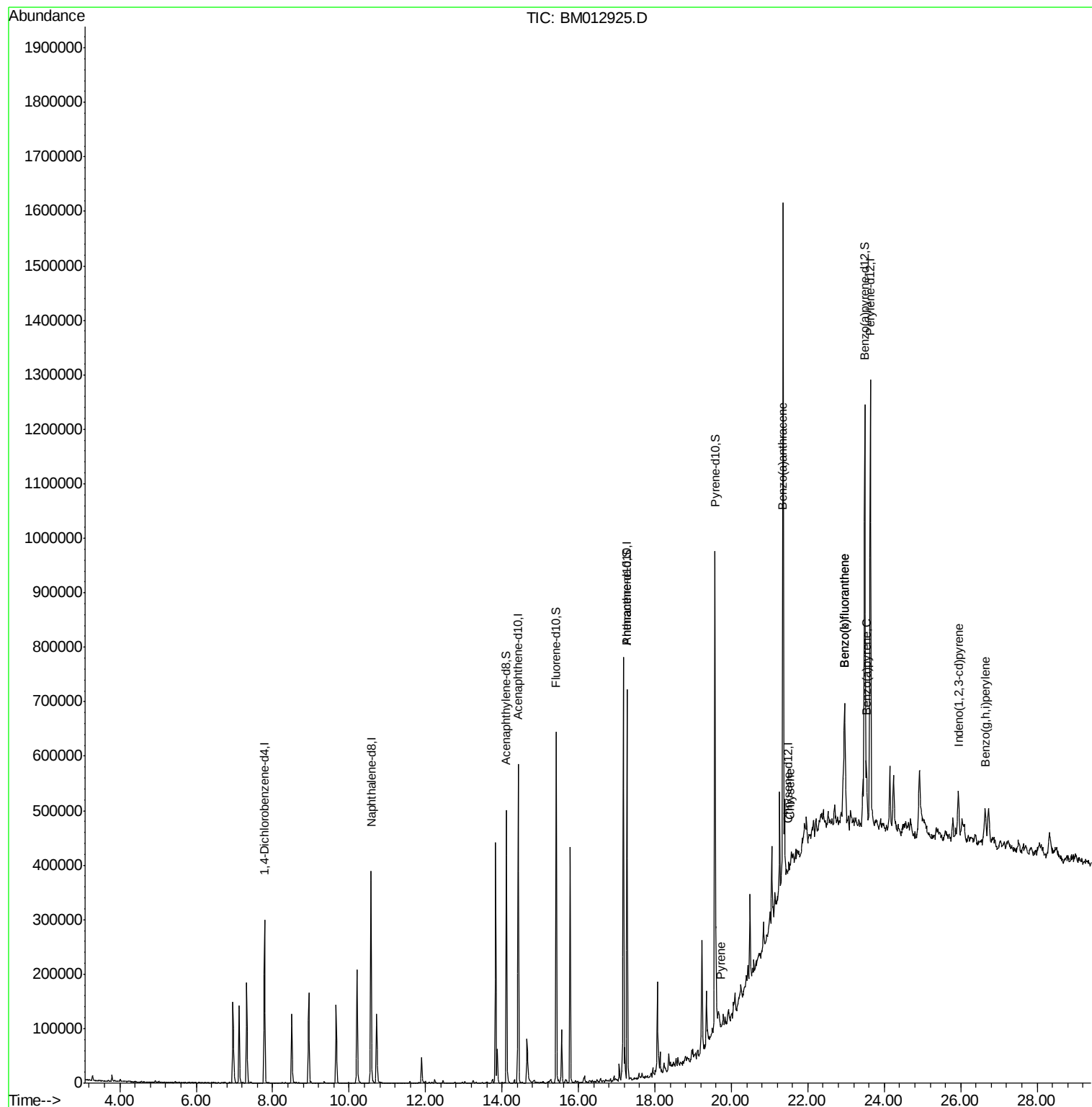
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	87267	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	333752	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	196867	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.27	188	408897	20.00	ng/ul	0.10
17) Chrysene-d12	21.47	240	656	20.00	ng/ul	0.12
22) Perylene-d12	23.63	264	622178	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	361819	17.67	ng/ul	0.00
10) Fluorene-d10	15.42	176	262057	18.71	ng/ul	0.00
14) Anthracene-d10	17.27	188	408897	20.69	ng/ul	0.00
18) Pyrene-d10	19.56	212	449386	15310.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	536128	18.25	ng/ul	0.01
Target Compounds						
19) Pyrene	19.72	202	495	13.15	ng/ul#	69
20) Benzo(a)anthracene	21.34	228	75194	1862.88	ng/ul	98
21) Chrysene	21.53	228	7733	214.38	ng/ul#	71
23) Benzo(b)fluoranthene	22.95	252	136465	3.69	ng/ul	96
24) Benzo(k)fluoranthene	22.95	252	136465	3.86	ng/ul	96
26) Benzo(a)pyrene	23.53	252	81428	2.27	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.94	276	69496	1.50	ng/ul	97
29) Benzo(g,h,i)perylene	26.65	276	57315	1.48	ng/ul	94

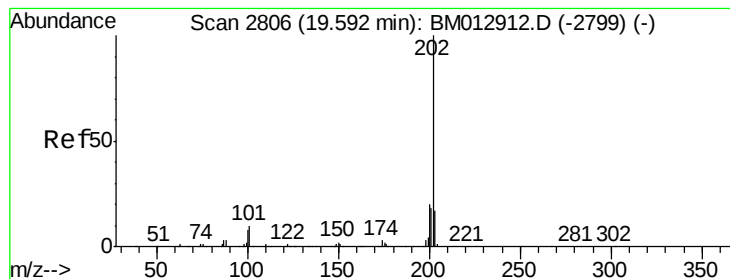
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Pvrene

Concen: 13.15 ng/ul

RT: 19.72 min Scan# 2828

Delta R.T. 0.13 min

Lab File: BM012925.D

Acq: 12 Nov 2017 04:51

Instrument :

BNA_M

ClientSampleId :

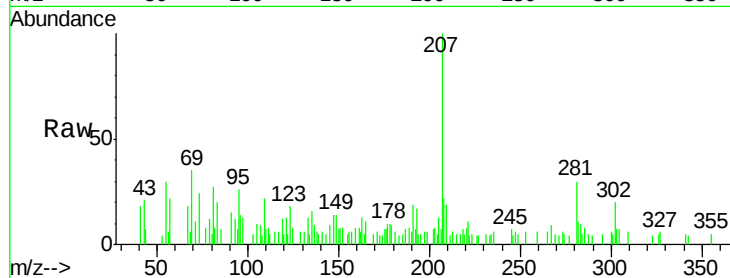
Tot Ion:202 Resp: 495

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

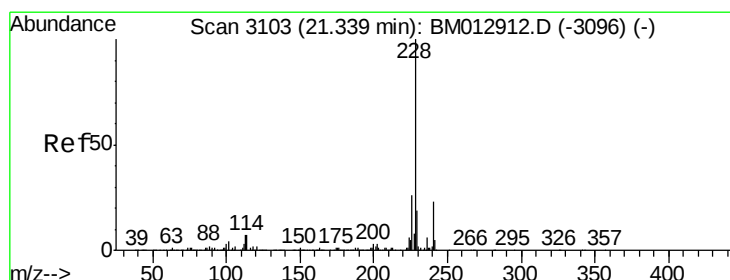
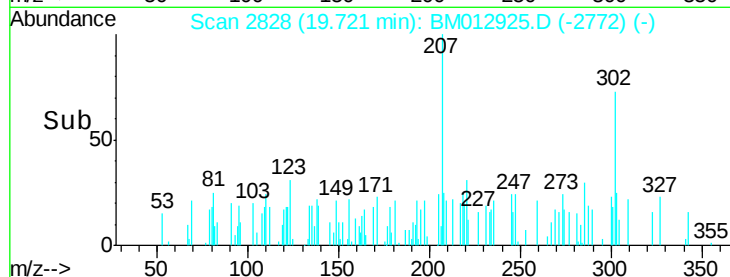
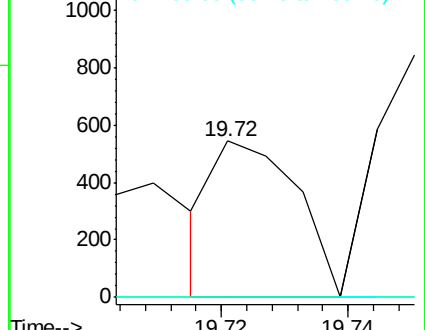
100 0.0 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 1862.88 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM012925.D

Acq: 12 Nov 2017 04:51

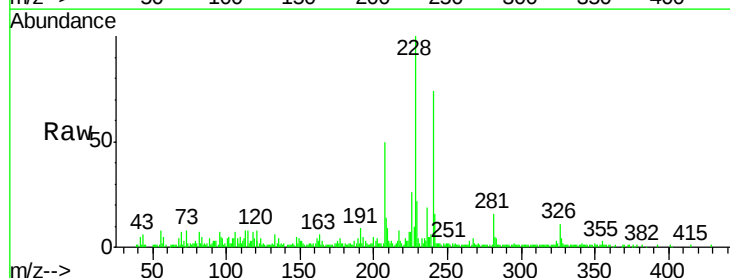
Tgt Ion:228 Resp: 75194

Ion Ratio Lower Upper

228 100

229 21.9 15.7 23.5

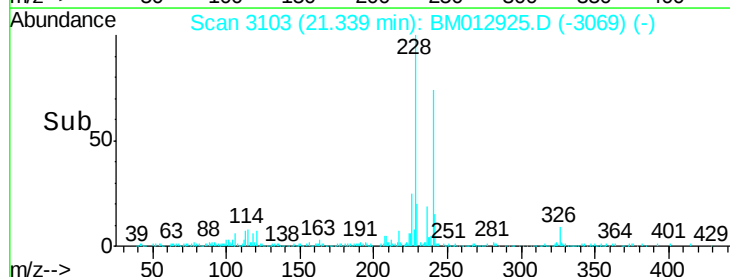
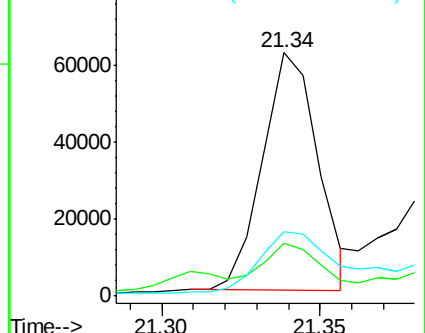
226 26.2 21.1 31.7

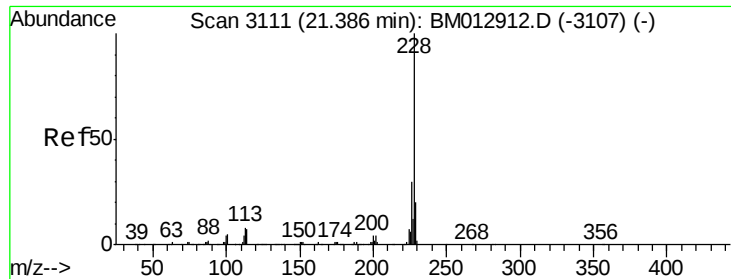


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 214.38 ng/ul

RT: 21.53 min Scan# 3135

Delta R.T. 0.14 min

Lab File: BM012925.D

Acq: 12 Nov 2017 04:51

Instrument :

BNA_M

ClientSampleId :

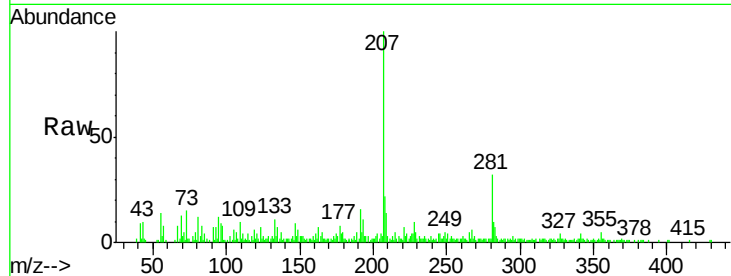
Tot Ion:228 Resp: 7733

Ion Ratio Lower Upper

228 100

226 35.2 24.5 36.7

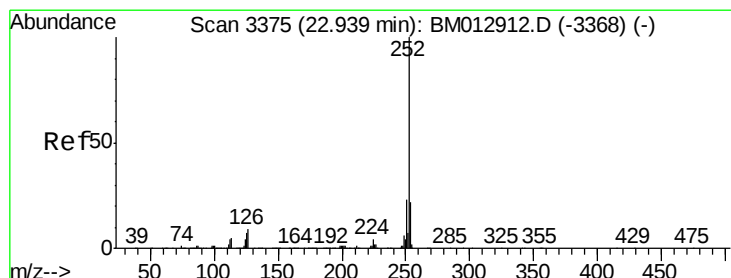
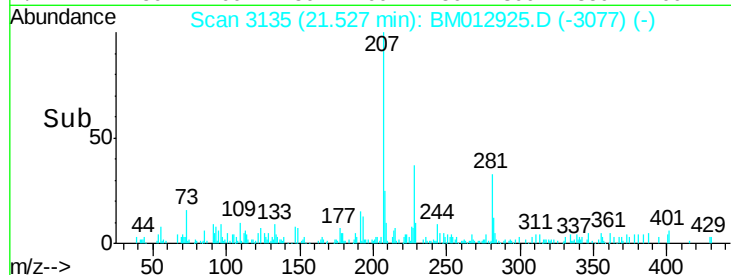
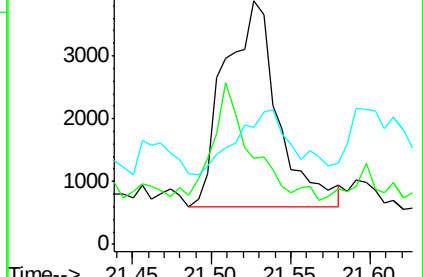
229 48.1 15.8 23.8#



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: 3.69 ng/ul

RT: 22.95 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM012925.D

Acq: 12 Nov 2017 04:51

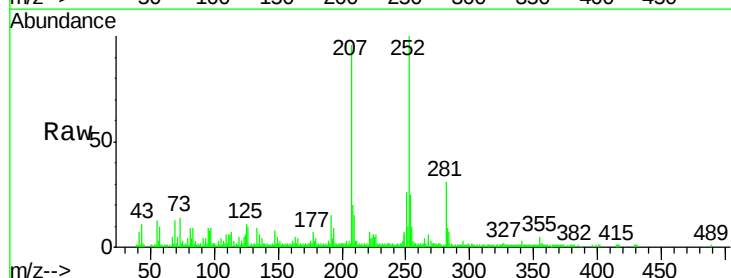
Tgt Ion:252 Resp: 136465

Ion Ratio Lower Upper

252 100

253 25.1 18.0 27.0

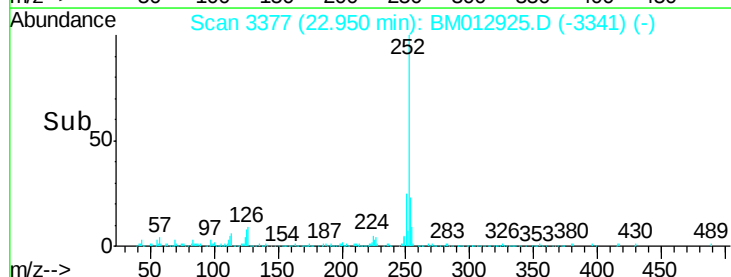
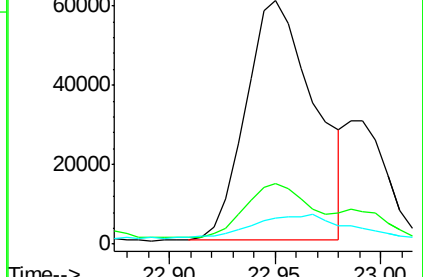
125 10.5 8.0 12.0

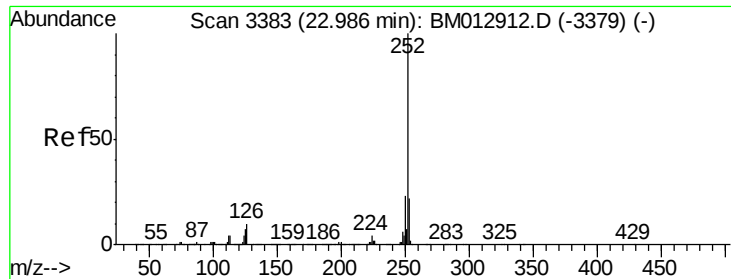


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

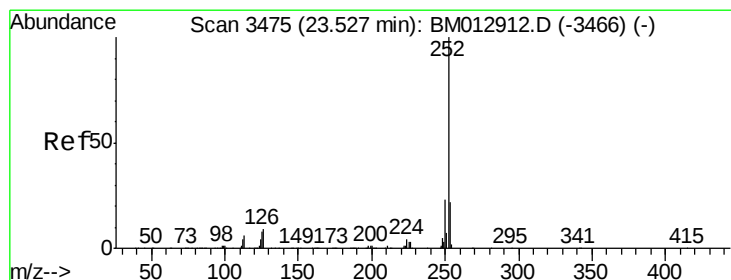
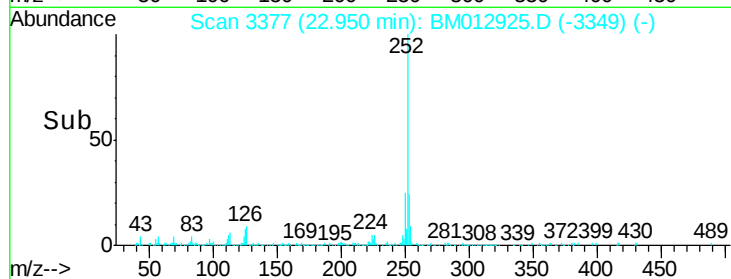
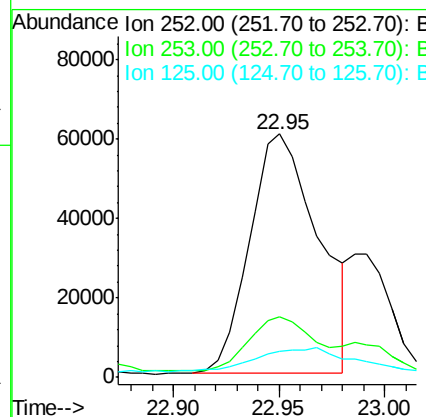
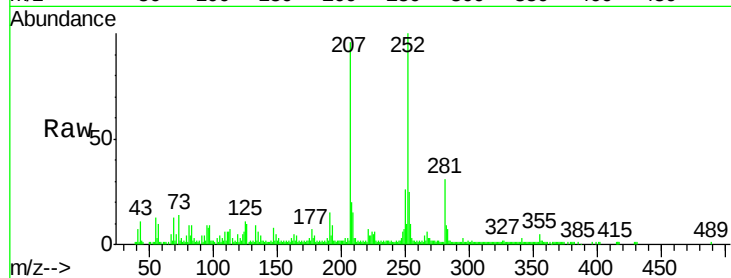




#24
Benzo(k)fluoranthene
Concen: 3.86 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. -0.04 min
Lab File: BM012925.D
Acq: 12 Nov 2017 04:51

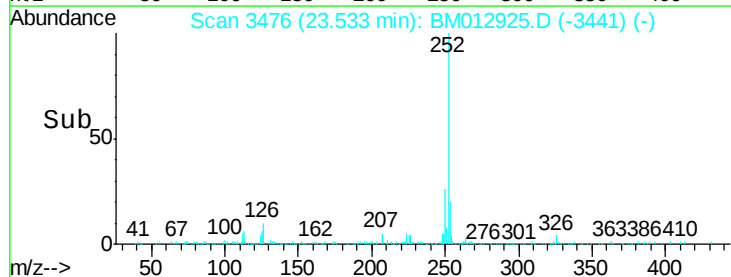
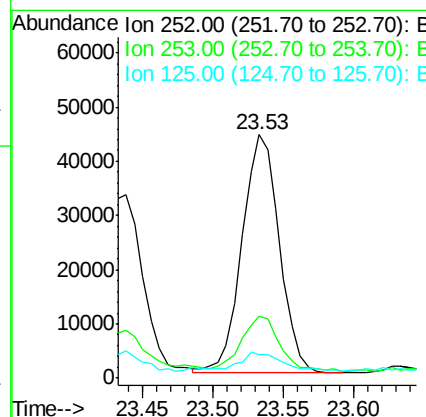
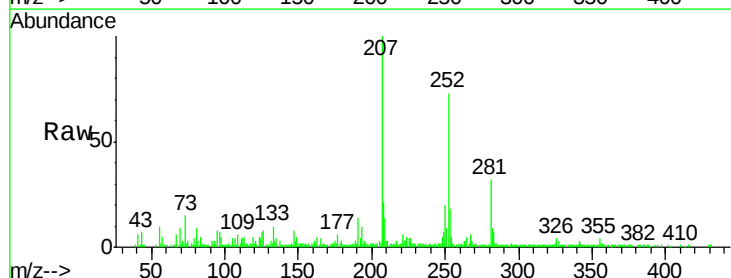
Instrument :
BNA_M
ClientSampleId :

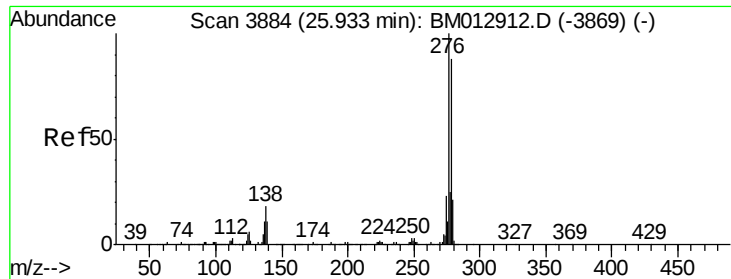
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	10.5	8.1	12.1



#26
Benzo(a)pyrene
Concen: 2.27 ng/ul
RT: 23.53 min Scan# 3476
Delta R.T. 0.01 min
Lab File: BM012925.D
Acq: 12 Nov 2017 04:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	9.6	8.2	12.4

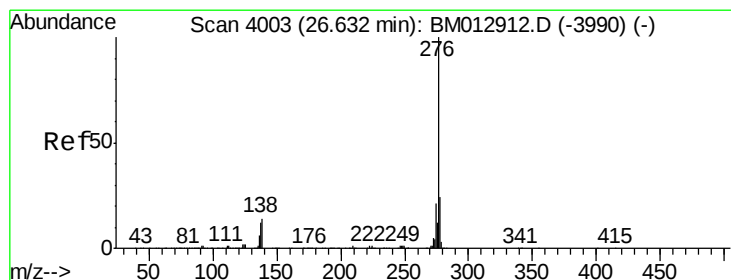
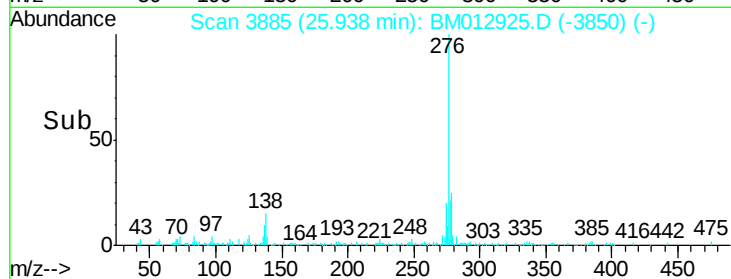
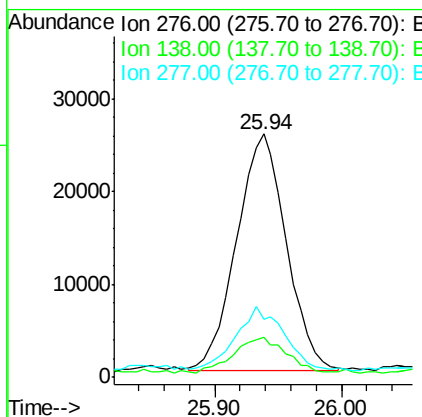
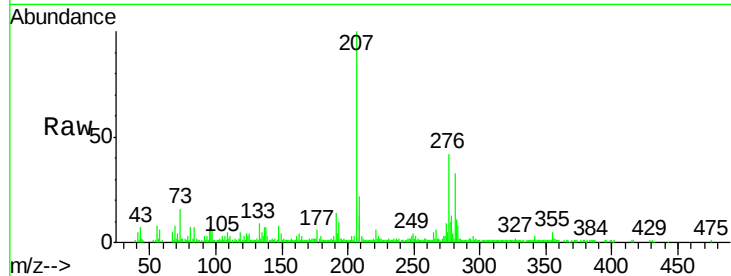




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.50 ng/ul
 RT: 25.94 min Scan# 3885
 Delta R.T. 0.01 min
 Lab File: BM012925.D
 Acq: 12 Nov 2017 04:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.4	21.6
277	23.6	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.48 ng/ul
 RT: 26.65 min Scan# 4006
 Delta R.T. 0.02 min
 Lab File: BM012925.D
 Acq: 12 Nov 2017 04:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.3	22.9
277	27.3	19.0	28.4

