

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012926.D
 Acq On : 12 Nov 2017 05:27
 Operator : SJ/JU
 Sample : I6317-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 02:12:35 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

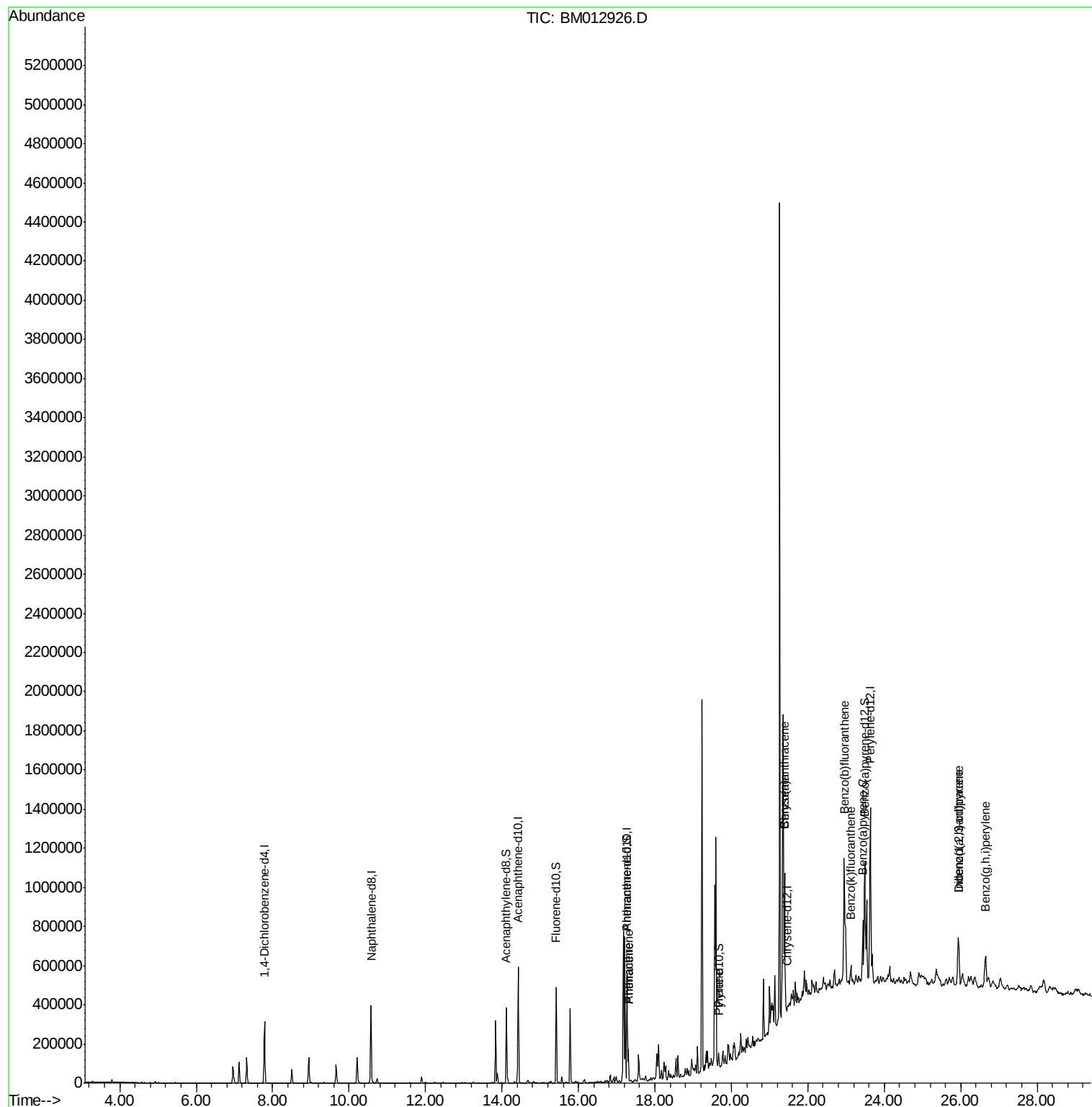
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	90700	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	345136	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	201481	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.27	188	311569	20.00	ng/ul	0.10
17) Chrysene-d12	21.45	240	634	20.00	ng/ul	0.10
22) Perylene-d12	23.63	264	653538	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	274693	13.11	ng/ul	0.00
10) Fluorene-d10	15.42	176	199523	13.92	ng/ul	0.00
14) Anthracene-d10	17.27	188	311569	20.69	ng/ul	0.00
18) Pyrene-d10	19.69	212	640	22.56	ng/ul	0.12
25) Benzo(a)pyrene-d12	23.49	264	426237	13.81	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.30	178	105103	6.11	ng/ul	Ovalue 99
15) Anthracene	17.30	178	103787	5.80	ng/ul	98
19) Pyrene	19.67	202	2943	80.87	ng/ul#	67
20) Benzo(a)anthracene	21.39	228	408723	10477.18	ng/ul	94
21) Chrysene	21.39	228	408444	11715.95	ng/ul	98
23) Benzo(b)fluoranthene	22.95	252	569515	14.65	ng/ul#	98
24) Benzo(k)fluoranthene	23.13	252	65727	1.77	ng/ul	92
26) Benzo(a)pyrene	23.44	252	253076	6.71	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.94	276	252575	5.20	ng/ul	94
28) Dibenzo(a,h)anthracene	25.94	278	84424	2.07	ng/ul#	79
29) Benzo(g,h,i)perylene	26.65	276	206283	5.08	ng/ul	95

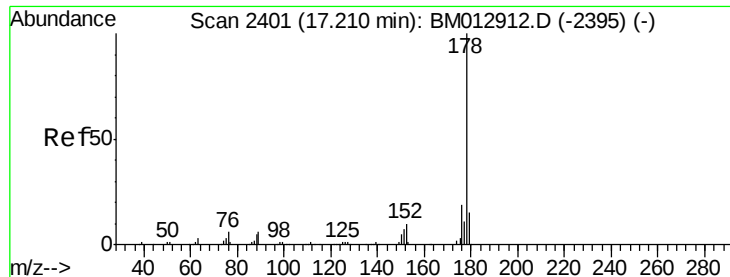
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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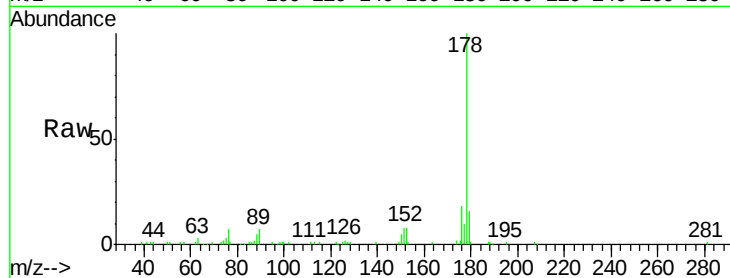




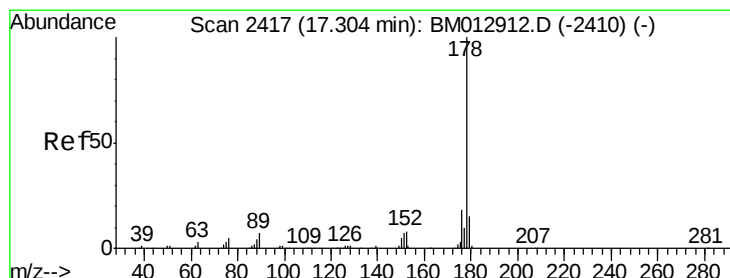
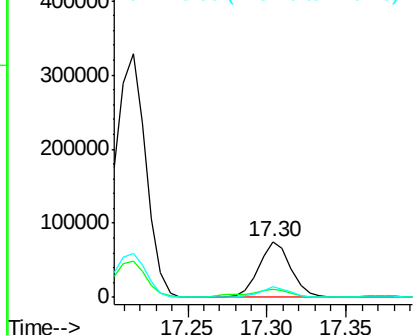
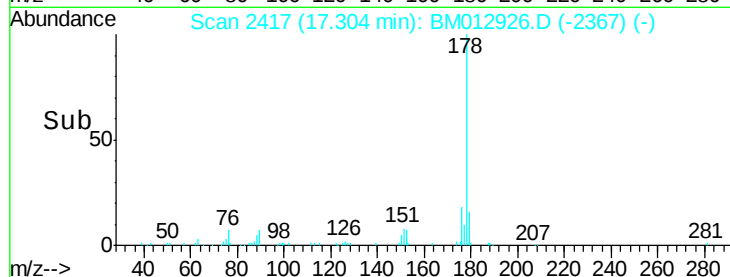
#13
Phenanthrene
Concen: 6.11 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.09 min
Lab File: BM012926.D
Acq: 12 Nov 2017 05:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 105103
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.2 15.1 22.7

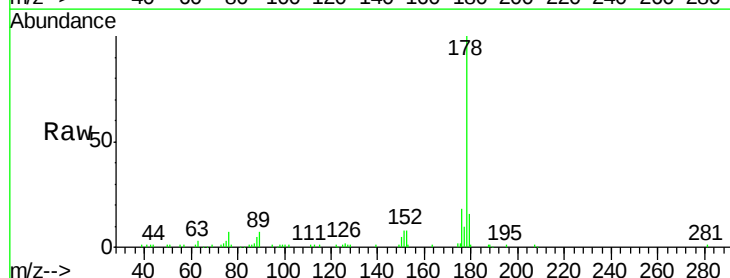


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

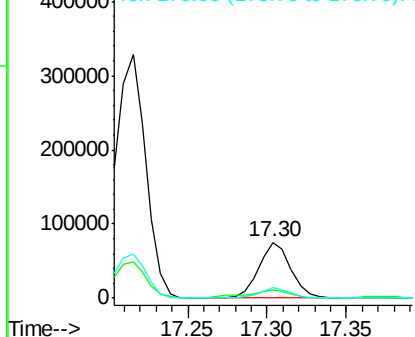
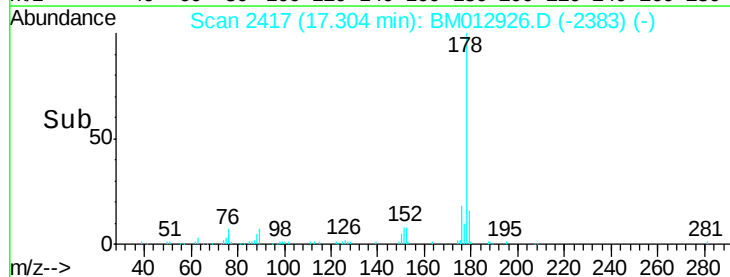


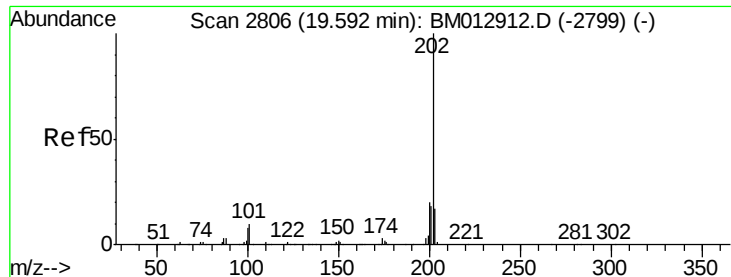
#15
Anthracene
Concen: 5.80 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM012926.D
Acq: 12 Nov 2017 05:27

Tgt Ion:178 Resp: 103787
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 18.2 15.2 22.8



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

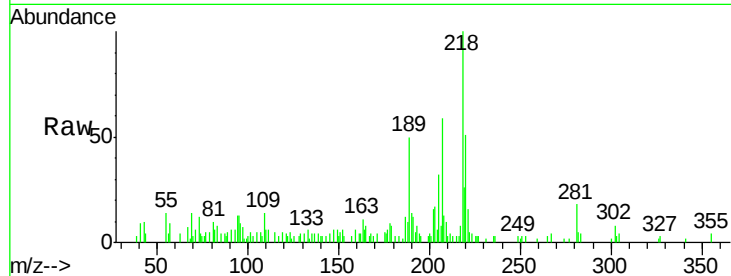




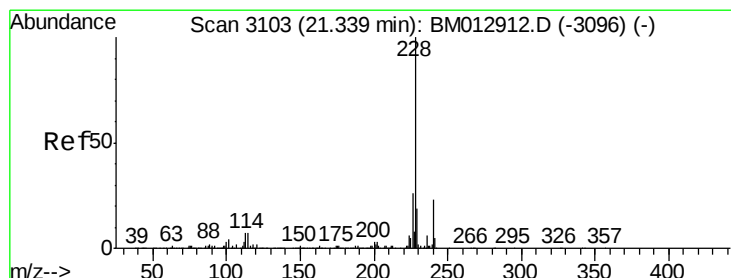
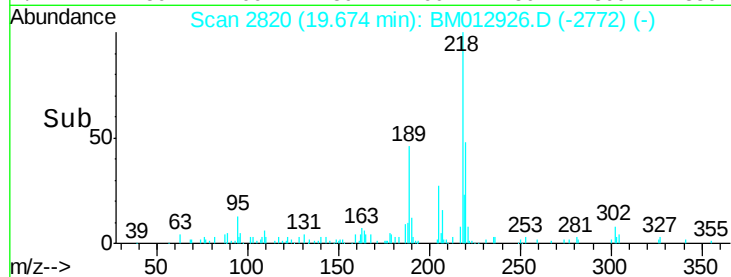
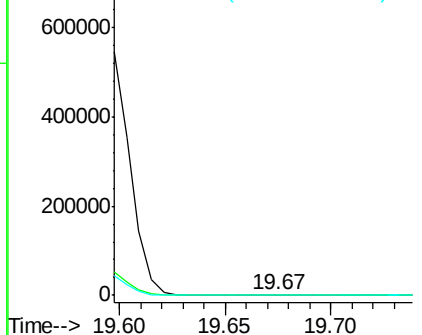
#19
Pvrene
Concen: 80.87 ng/ul
RT: 19.67 min Scan# 2820
Delta R.T. 0.08 min
Lab File: BM012926.D
Acq: 12 Nov 2017 05:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	32.1	11.0	16.4#
100	15.7	8.1	12.1#

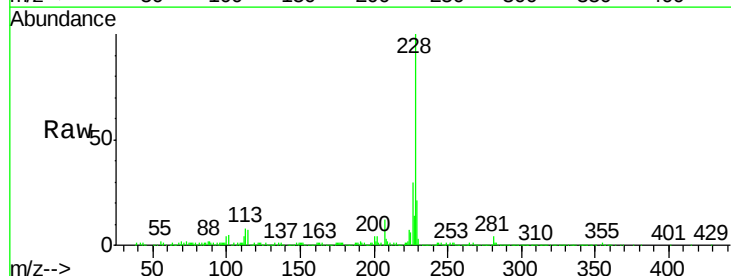


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

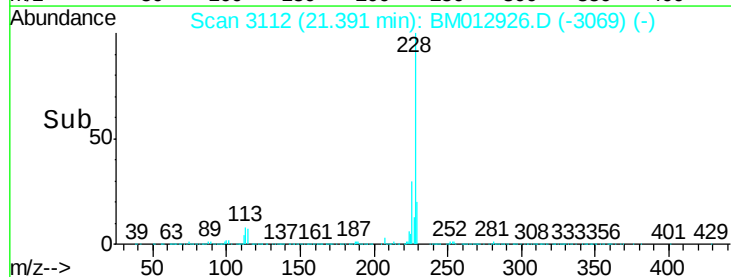
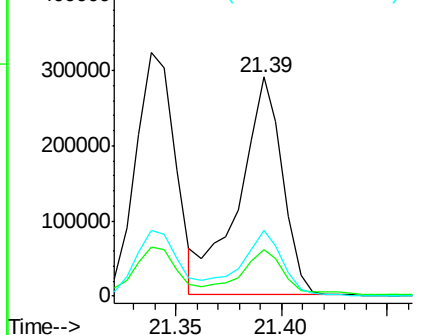


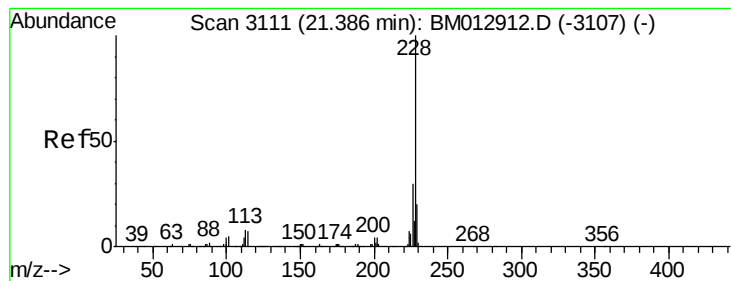
#20
Benzo(a)anthracene
Concen: 10477.18 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.05 min
Lab File: BM012926.D
Acq: 12 Nov 2017 05:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	30.1	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: 11715.95 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM012926.D

Acq: 12 Nov 2017 05:27

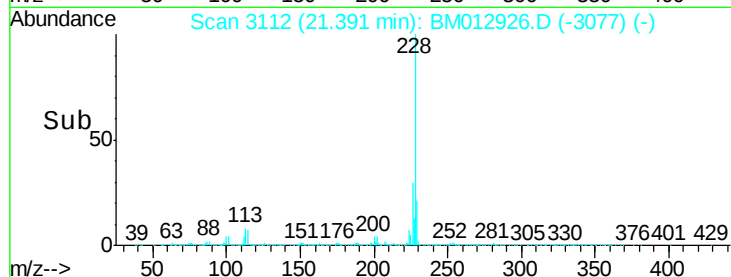
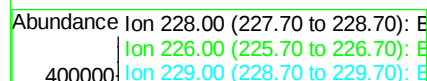
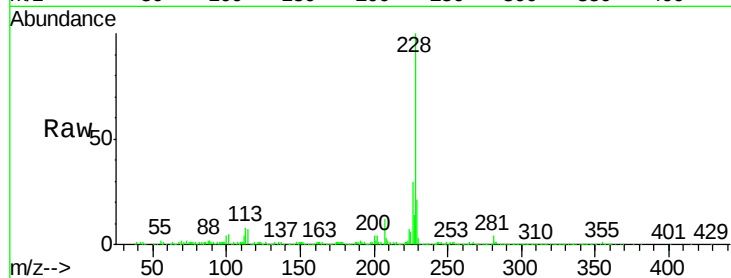
Instrument :

BNA_M

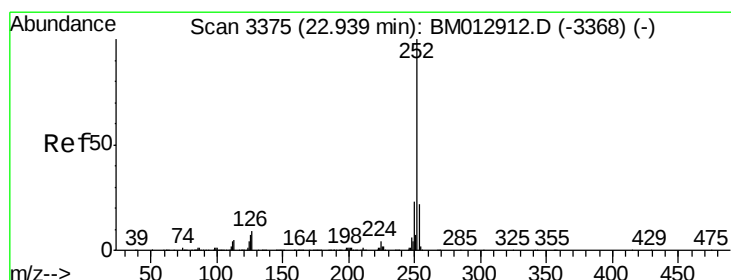
ClientSampleId :

Tot Ion:228 Resp: 408444

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	21.2	15.8	23.8



Time-->



#23

Benzo(b)fluoranthene

Concen: 14.65 ng/ul

RT: 22.95 min Scan# 3377

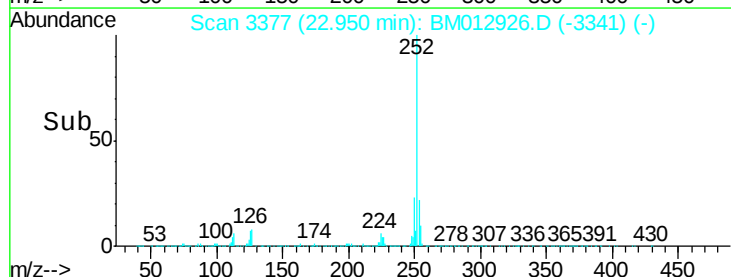
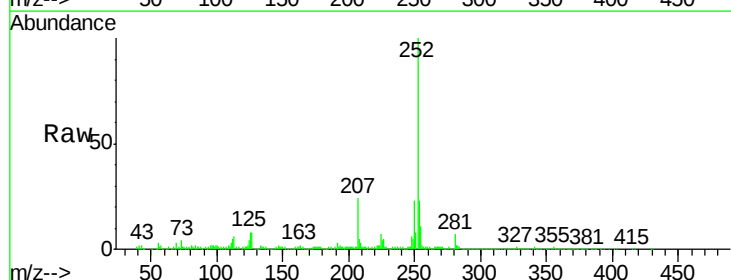
Delta R.T. 0.01 min

Lab File: BM012926.D

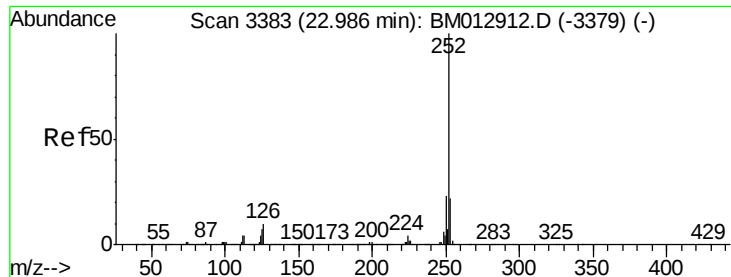
Acq: 12 Nov 2017 05:27

Tgt Ion:252 Resp: 569515

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	7.8	8.0	12.0



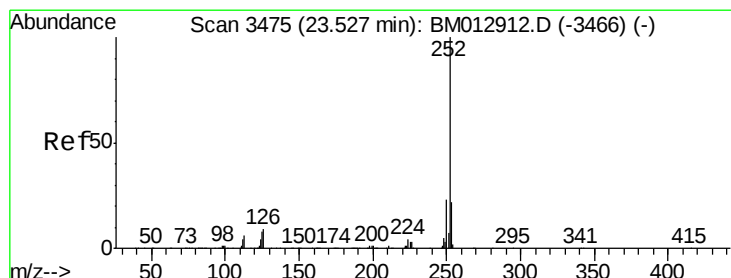
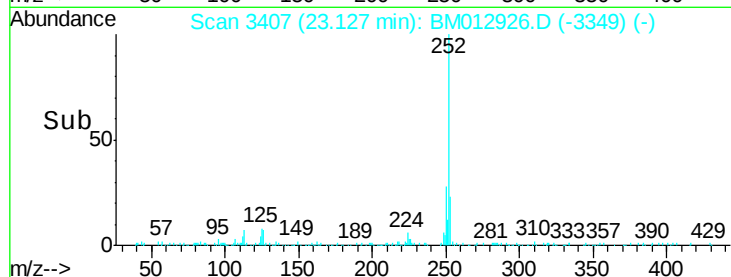
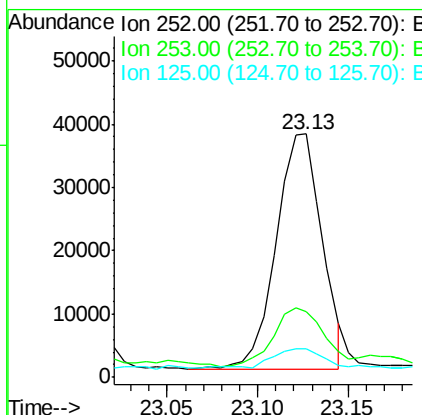
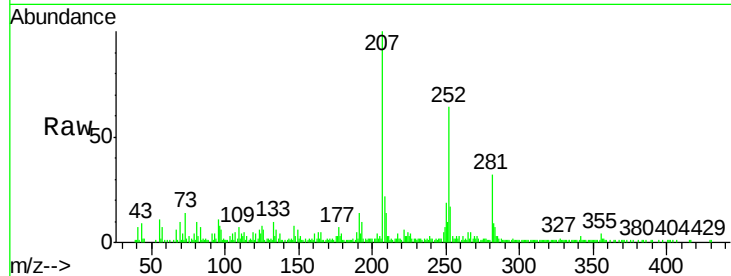
Time-->



#24
Benzo(k)fluoranthene
Concen: 1.77 ng/ul
RT: 23.13 min Scan# 3407
Delta R.T. 0.14 min
Lab File: BM012926.D
Acq: 12 Nov 2017 05:27

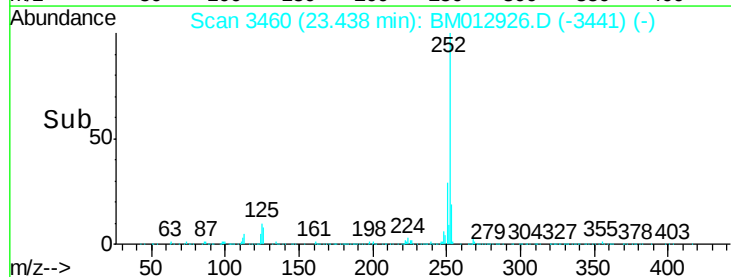
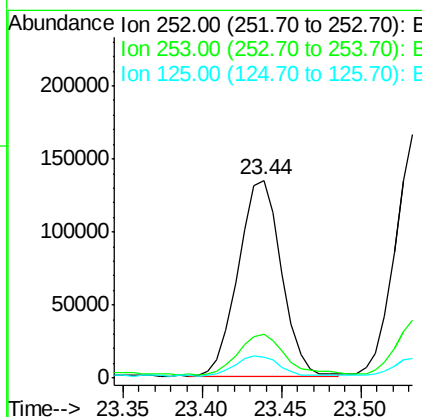
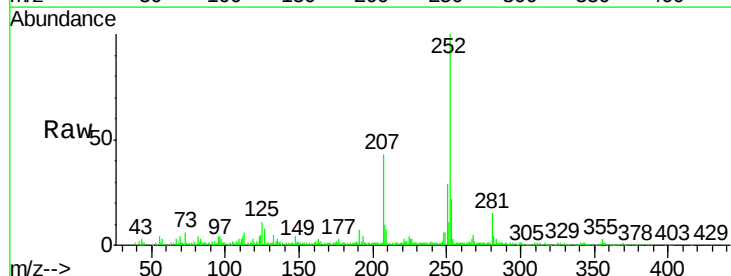
Instrument :
BNA_M
ClientSampled :

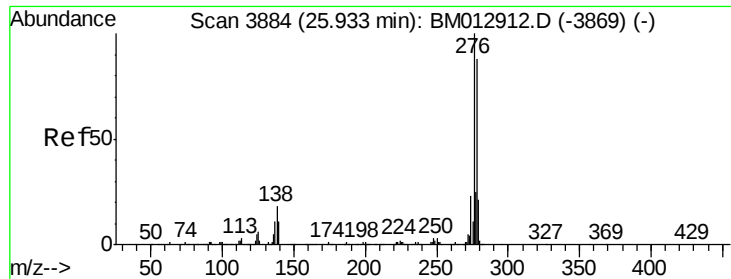
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.0	27.0
125	11.9	8.1	12.1



#26
Benzo(a)pyrene
Concen: 6.71 ng/ul
RT: 23.44 min Scan# 3460
Delta R.T. -0.09 min
Lab File: BM012926.D
Acq: 12 Nov 2017 05:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.8	8.2	12.4

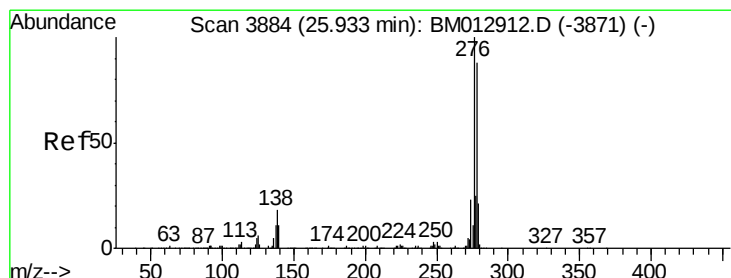
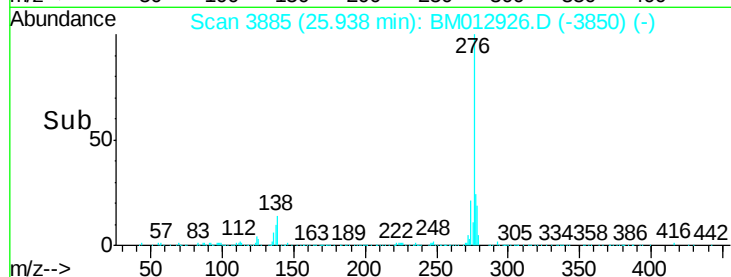
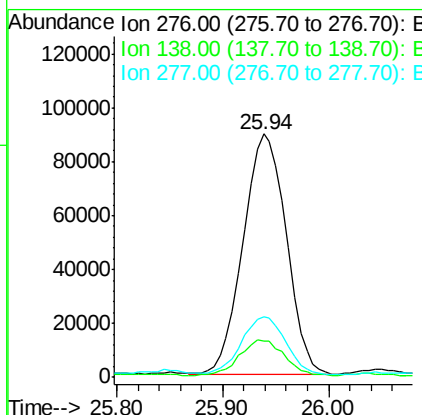
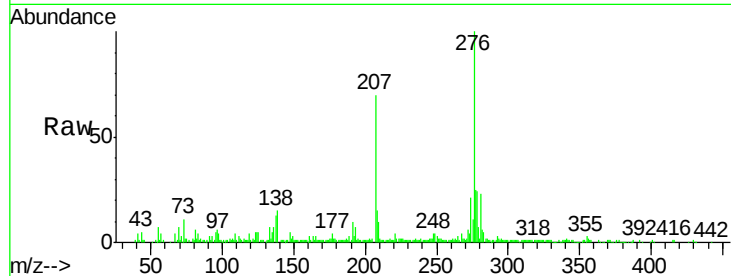




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.20 ng/ul
 RT: 25.94 min Scan# 3885
 Delta R.T. 0.01 min
 Lab File: BM012926.D
 Acq: 12 Nov 2017 05:27

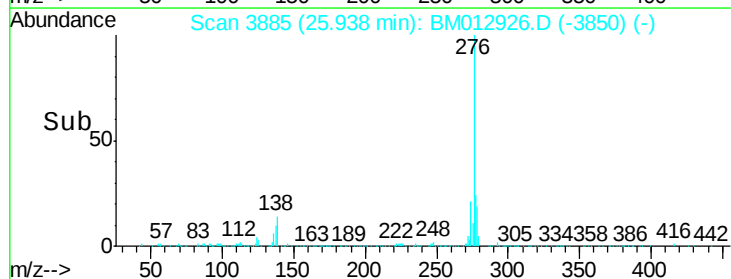
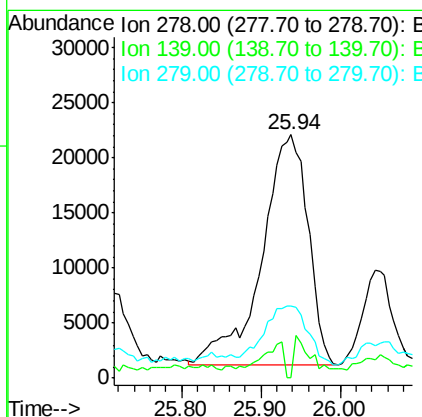
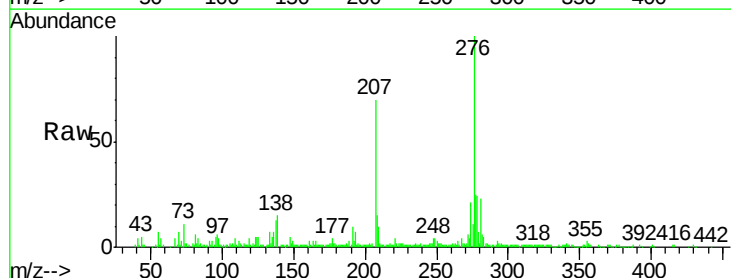
Instrument :
 BNA_M
 ClientSampleId :

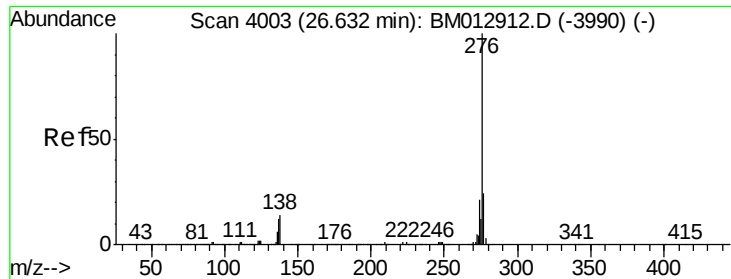
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	14.4	21.6
277	24.7	18.0	27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 2.07 ng/ul
 RT: 25.94 min Scan# 3885
 Delta R.T. 0.01 min
 Lab File: BM012926.D
 Acq: 12 Nov 2017 05:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	29.5	19.2	28.8#

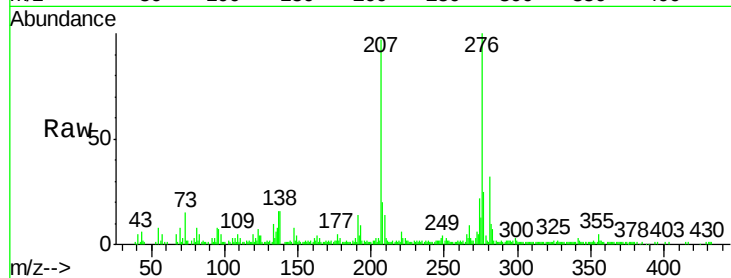




#29
 Benzo(a,h,i)perylene
 Concen: 5.08 ng/ul
 RT: 26.65 min Scan# 4006
 Delta R.T. 0.02 min
 Lab File: BM012926.D
 Acq: 12 Nov 2017 05:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.3	22.9
277	25.4	19.0	28.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

