

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
 Data File : BM009278.D
 Acq On : 17 Mar 2017 17:37
 Operator : SJ/MA
 Sample : I2218-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 00:40:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:39:50 2017
 Response via : Initial Calibration

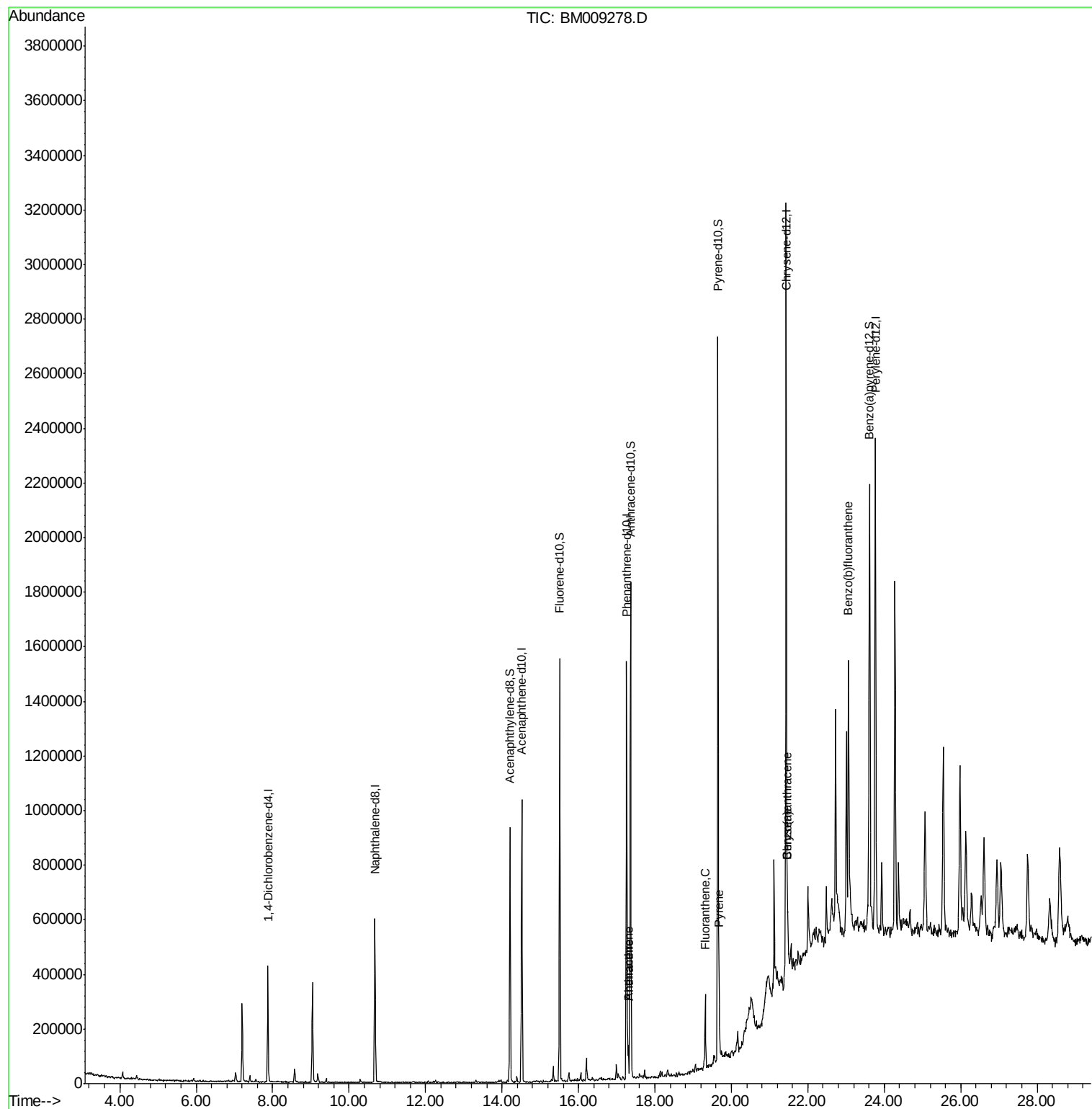
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	98102	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	439697	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	317460	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	836253	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1315396	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1362960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	4577	0.64	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	606553	22.54	ng/ul	0.00
10) Fluorene-d10	15.50	176	567925	24.07	ng/ul	0.00
15) Anthracene-d10	17.36	188	966227	24.32	ng/ul	0.00
19) Pyrene-d10	19.65	212	1271159	24.10	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.61	264	1014882	16.38	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.30	178	66976	1.42	ng/ul	98
16) Anthracene	17.30	178	66976	1.37	ng/ul	97
17) Fluoranthene	19.32	202	146992	2.46	ng/ul	97
20) Pyrene	19.68	202	139798	2.06	ng/ul#	92
21) Benzo(a)anthracene	21.47	228	88300	1.18	ng/ul	95
22) Chrysene	21.47	228	88300	1.25	ng/ul	99
24) Benzo(b)fluoranthene	23.06	252	106089	1.32	ng/ul#	78

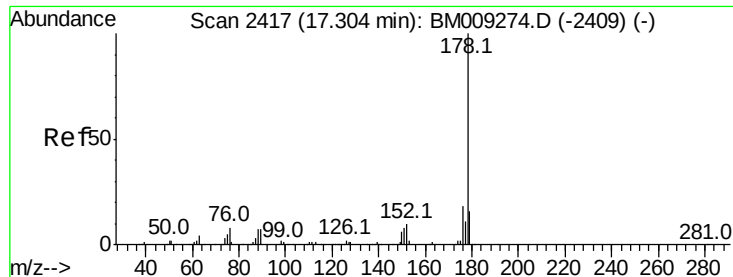
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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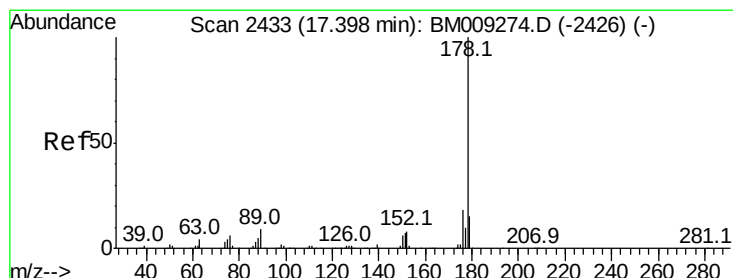
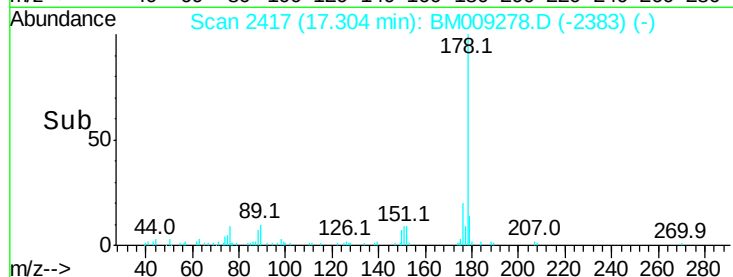
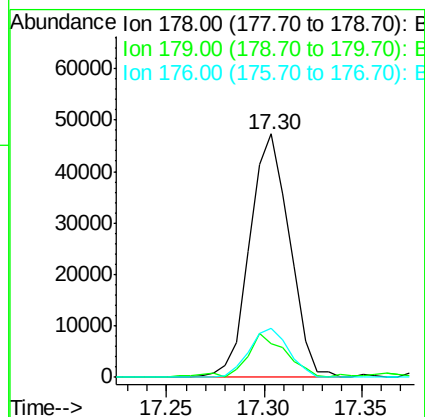
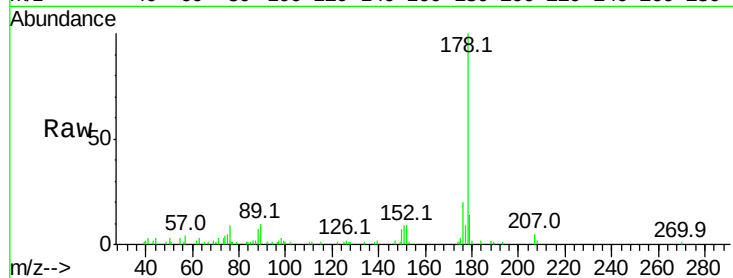




#14
 Phenanthrene
 Concen: 1.42 ng/ul
 RT: 17.30 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BM009278.D
 Acq: 17 Mar 2017 17:37

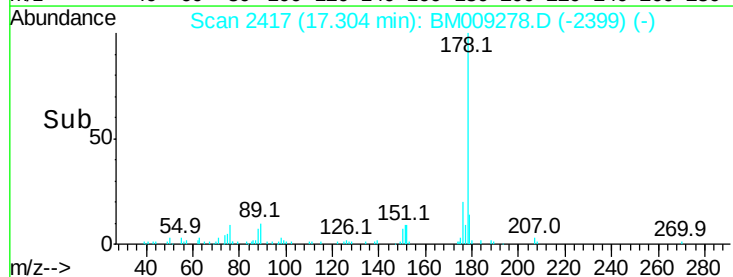
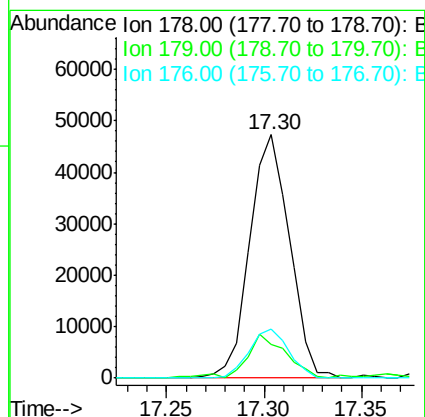
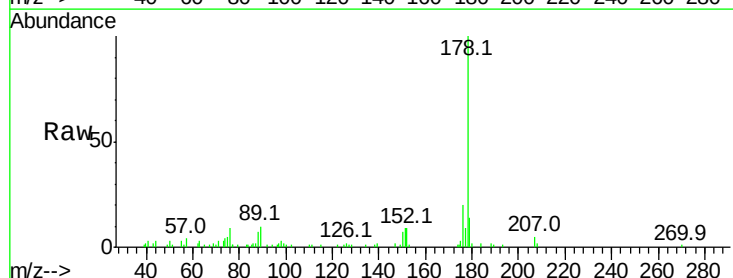
Instrument :
 BNA_M
 ClientSampleId :

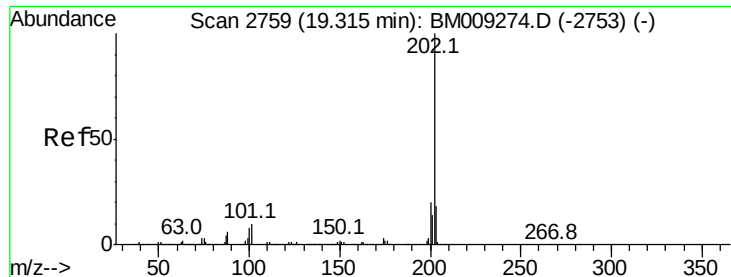
Tot Ion:178 Resp: 66976
 Ion Ratio Lower Upper
 178 100
 179 13.8 12.2 18.4
 176 20.4 16.4 24.6



#16
 Anthracene
 Concen: 1.37 ng/ul
 RT: 17.30 min Scan# 2417
 Delta R.T. -0.09 min
 Lab File: BM009278.D
 Acq: 17 Mar 2017 17:37

Tgt Ion:178 Resp: 66976
 Ion Ratio Lower Upper
 178 100
 179 13.8 12.7 19.1
 176 20.4 15.8 23.8

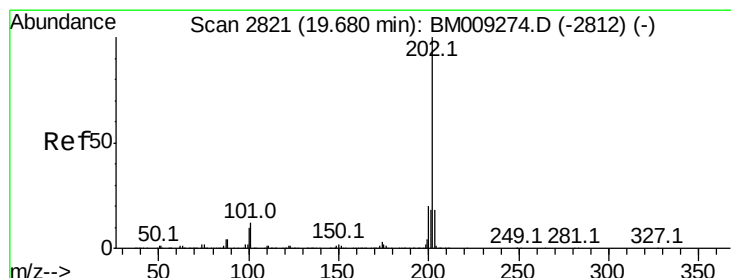
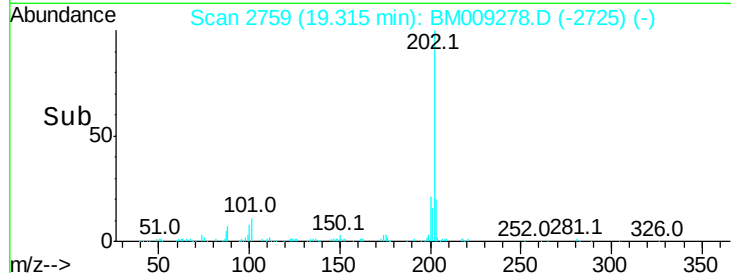
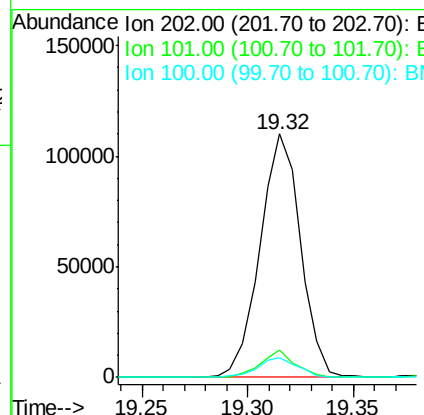
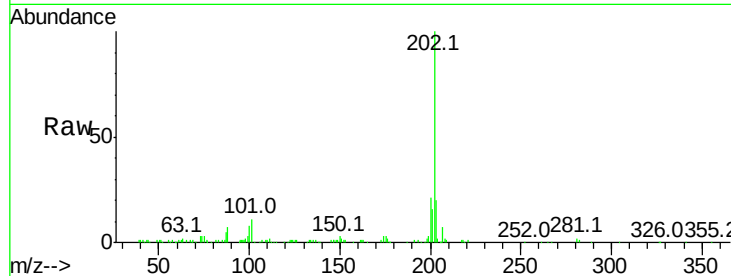




#17
Fluoranthene
 Concen: 2.46 ng/ul
 RT: 19.32 min Scan# 2759
 Delta R.T. 0.00 min
 Lab File: BM009278.D
 Acq: 17 Mar 2017 17:37

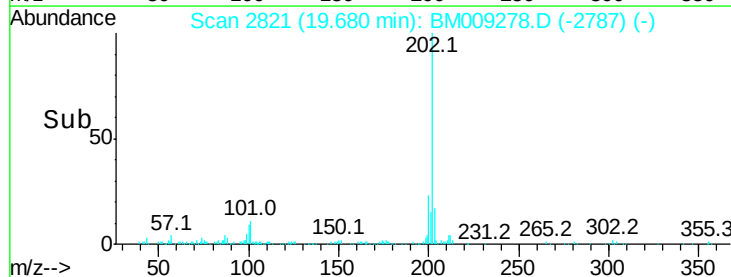
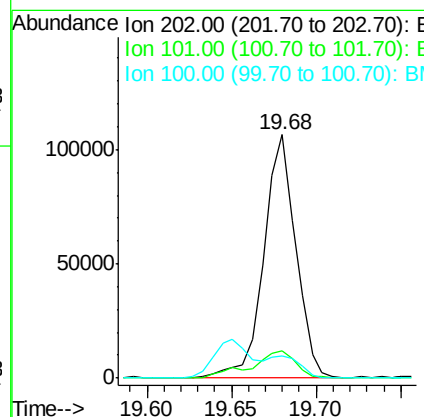
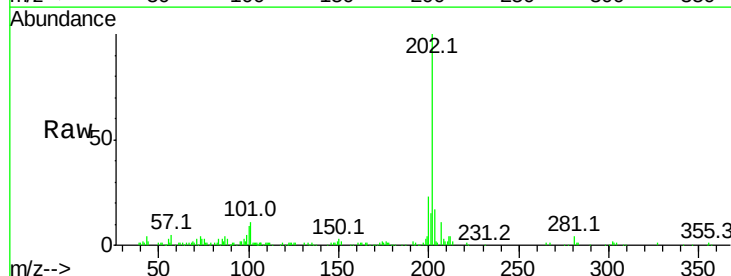
Instrument :
 BNA_M
 ClientSampled :

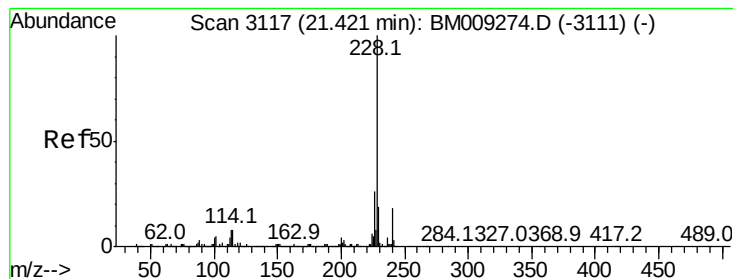
Tot Ion:	202	Resp:	146992
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.8	14.8
100	8.1	7.5	11.3



#20
Pyrene
 Concen: 2.06 ng/ul
 RT: 19.68 min Scan# 2821
 Delta R.T. 0.00 min
 Lab File: BM009278.D
 Acq: 17 Mar 2017 17:37

Tgt Ion:	202	Resp:	139798
Ion Ratio	Lower	Upper	
202	100		
101	11.0	11.2	16.8#
100	8.9	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 1.18 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. 0.05 min

Lab File: BM009278.D

Acq: 17 Mar 2017 17:37

Instrument :

BNA_M

ClientSampleId :

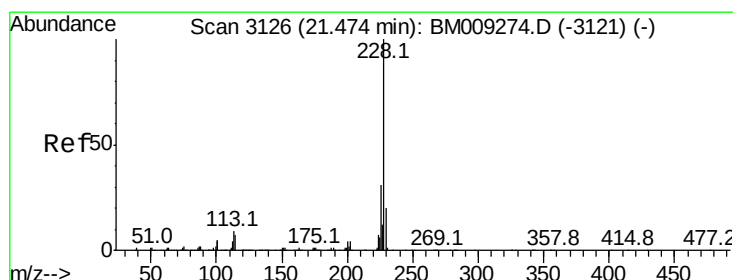
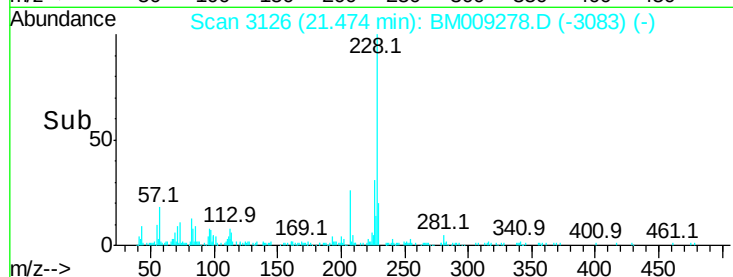
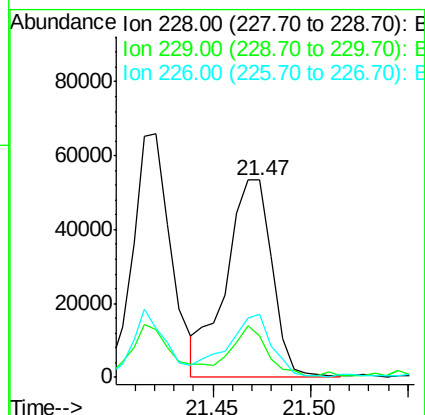
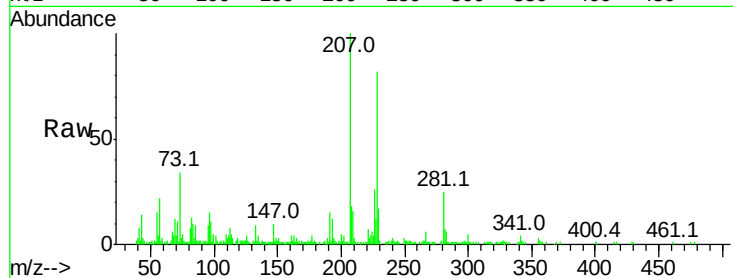
Tot Ion:228 Resp: 88300

Ion Ratio Lower Upper

228 100

229 20.7 15.9 23.9

226 31.8 22.1 33.1



#22

Chrysene

Concen: 1.25 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM009278.D

Acq: 17 Mar 2017 17:37

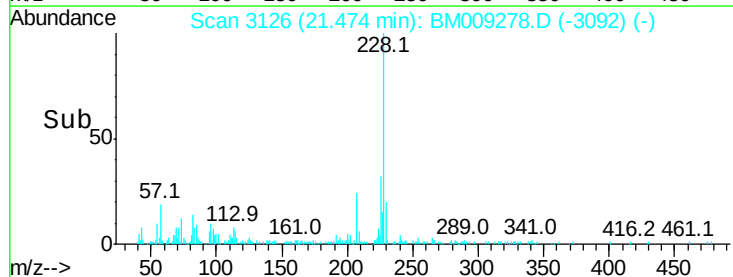
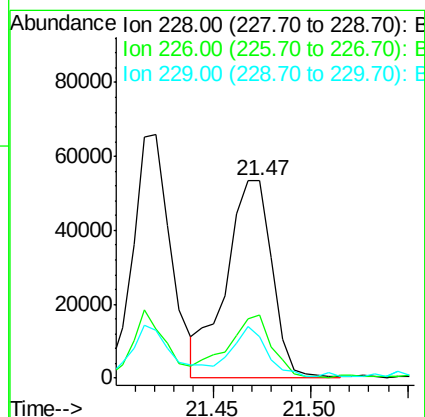
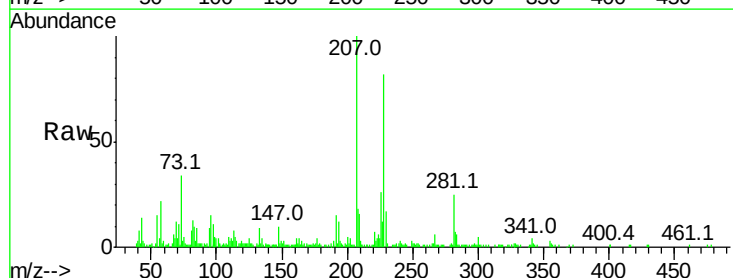
Tgt Ion:228 Resp: 88300

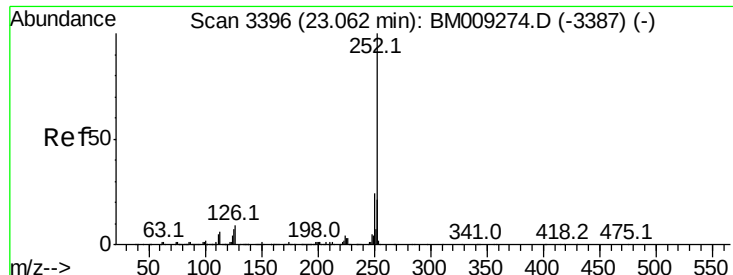
Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

229 20.7 16.6 25.0





#24

Benzo(b)fluoranthene

Concen: 1.32 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM009278.D

Acq: 17 Mar 2017 17:37

Instrument :

BNA_M

ClientSampleId :

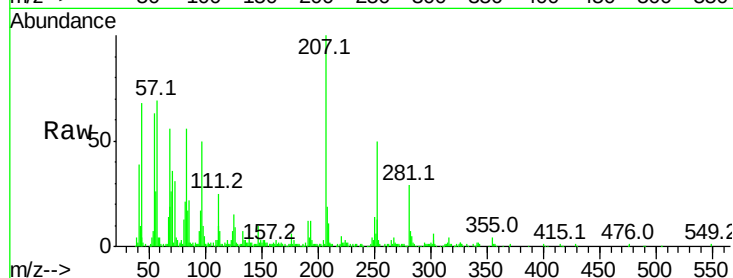
Tot Ion:252 Resp: 106089

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.6

125 30.5 9.4 14.0#



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

