

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
 Data File : BM007053.D
 Acq On : 12 Aug 2016 21:53
 Operator : UM/SJ
 Sample : H4389- 04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS005-0002-01

Quant Time: Aug 13 00:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 23:03:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	231324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	900014	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	521687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1241964	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1604702	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1725674	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	17918	3.38	ng/uL	0.02
5) Phenol-d5	6.97	99	341912	18.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	207151	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	284334	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	262518	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	131120	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	139413	19.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	279587	19.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	237402	13.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	860464	19.96	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1091093	21.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	100681	13.03	ng/ul	0.00
57) Fluorene-d10	15.43	176	780549	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	97257	14.17	ng/ul	0.00
70) Anthracene-d10	17.28	188	1240625	21.56	ng/ul	0.00
76) Pyrene-d10	19.57	212	1480854	21.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1709988	21.66	ng/ul	0.00

Target Compounds

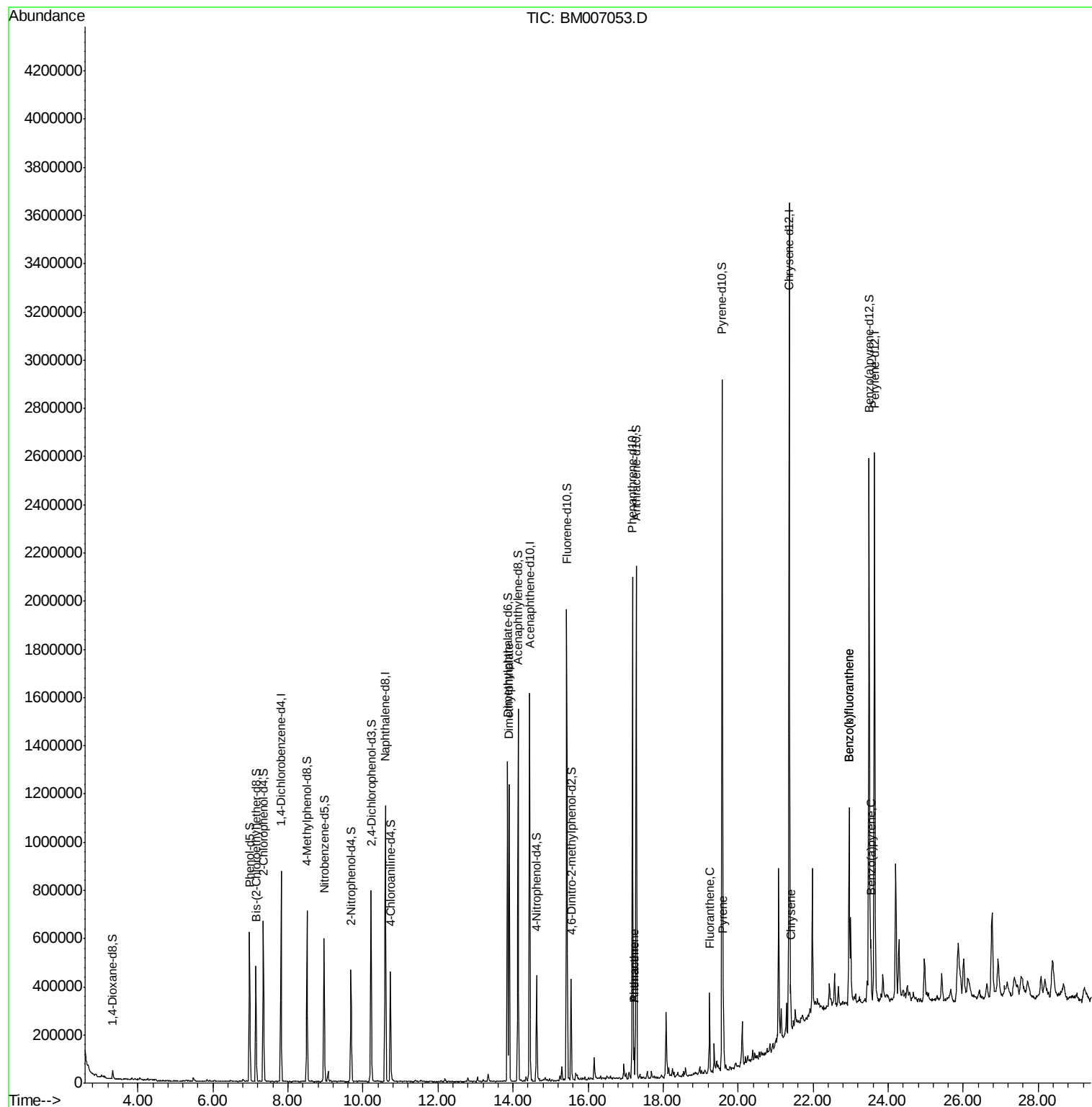
						Qvalue
44) Dimethylphthalate	13.90	163	742787	17.24	ng/ul	99
69) Phenanthrene	17.23	178	73989	1.11	ng/ul	97
71) Anthracene	17.23	178	73989	1.08	ng/ul	98
74) Fluoranthene	19.24	202	190397	2.35	ng/ul	96
77) Pyrene	19.60	202	185615	2.09	ng/ul	99
82) Chrysene	21.40	228	104102	1.20	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	151757	1.46	ng/ul#	93
86) Benzo(k)fluoranthene	22.96	252	151757	1.55	ng/ul#	94
88) Benzo(a)pyrene	23.53	252	98789	1.00	ng/ul#	96

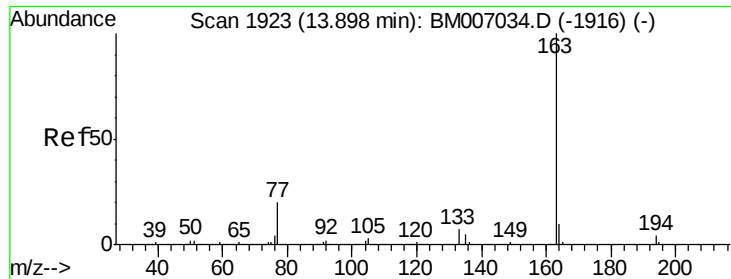
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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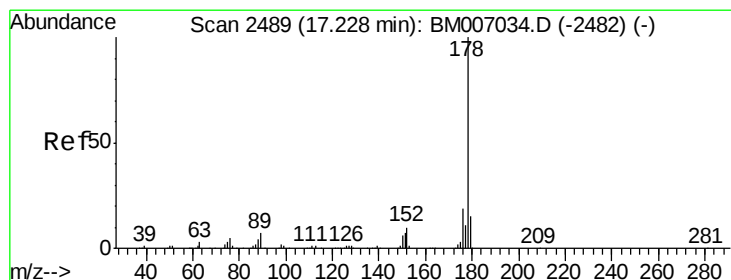
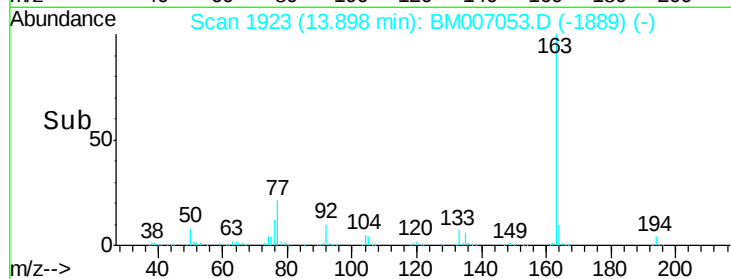
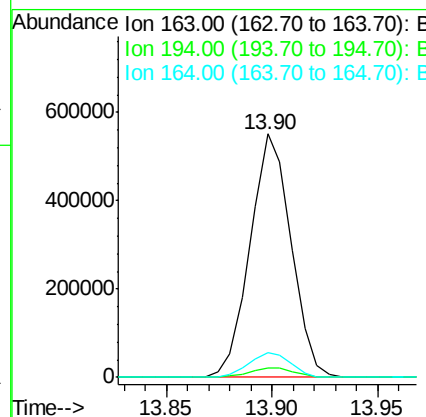
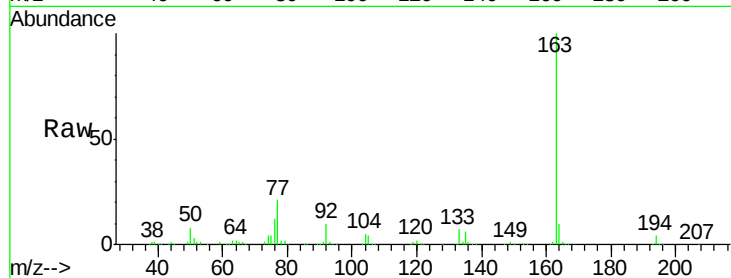




#44
Dimethylphthalate
Concen: 17.24 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM007053.D
Acq: 12 Aug 2016 21:53

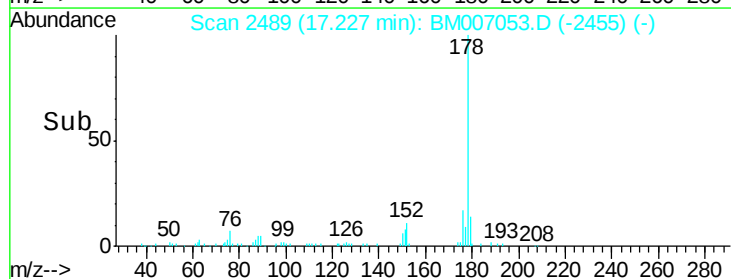
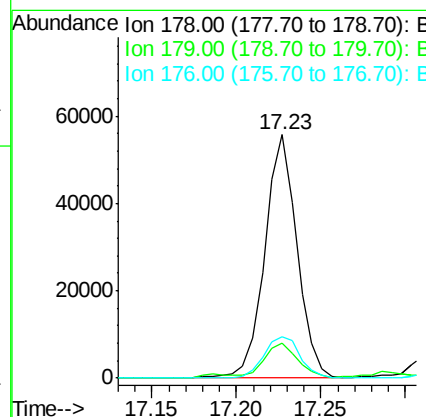
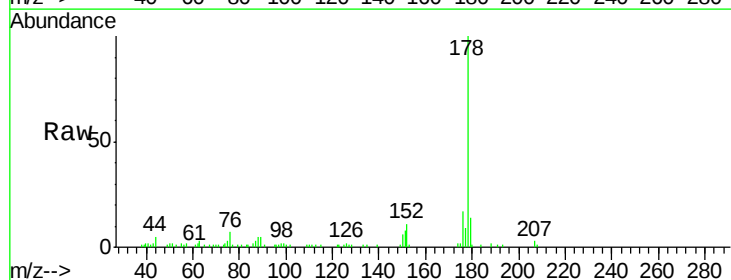
Instrument :
BNA_M
ClientSampleId :
PR002-SS005-0002-01

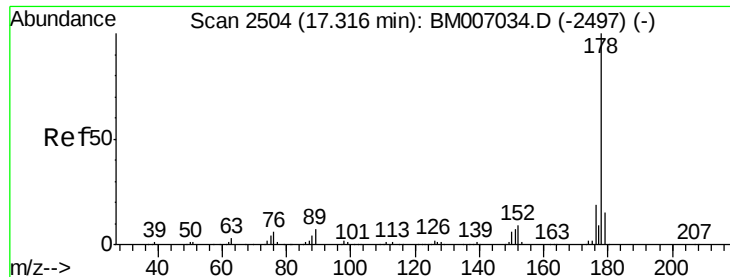
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	7.8	11.8



#69
Phenanthrene
Concen: 1.11 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM007053.D
Acq: 12 Aug 2016 21:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.2	18.2
176	17.1	15.1	22.7

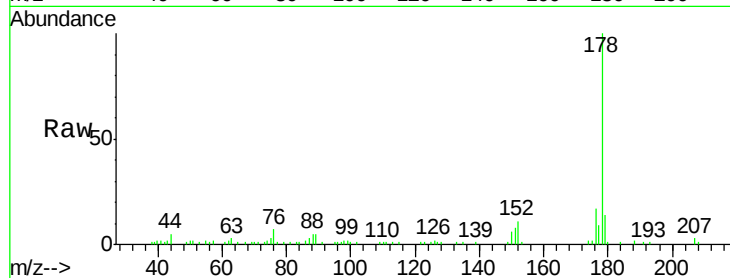




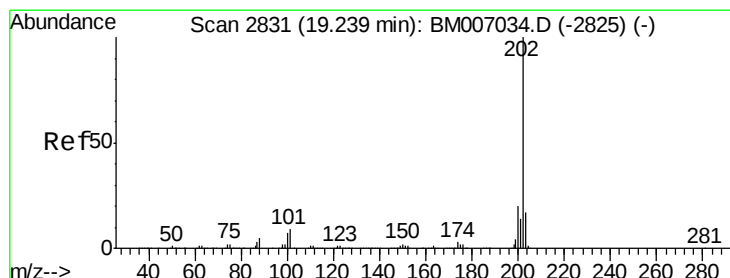
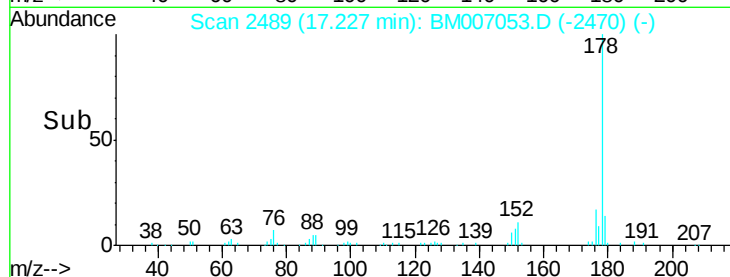
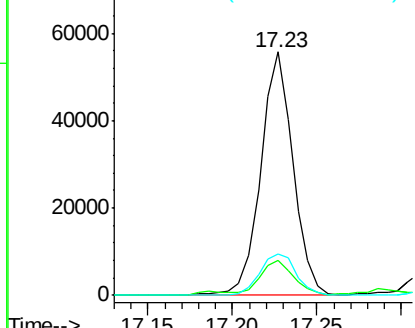
#71
 Anthracene
 Concen: 1.08 ng/ul
 RT: 17.23 min Scan# 2489
 Delta R.T. -0.09 min
 Lab File: BM007053.D
 Acq: 12 Aug 2016 21:53

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS005-0002-01

Tgt Ion:178 Resp: 73989
 Ion Ratio Lower Upper
 178 100
 179 14.2 12.1 18.1
 176 17.1 14.5 21.7

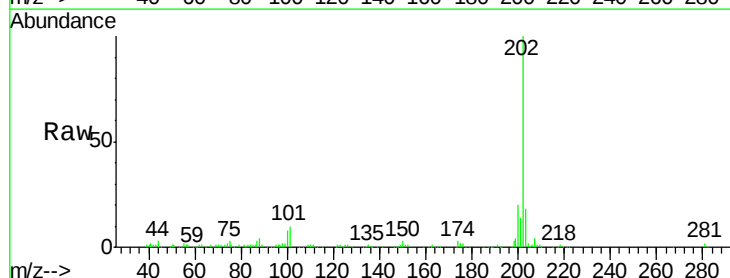


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

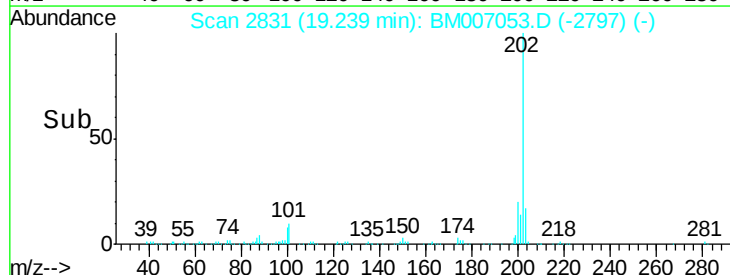
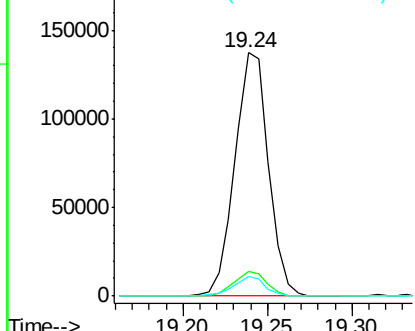


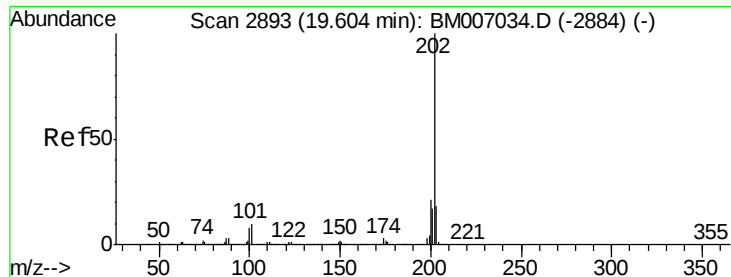
#74
 Fluoranthene
 Concen: 2.35 ng/ul
 RT: 19.24 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BM007053.D
 Acq: 12 Aug 2016 21:53

Tgt Ion:202 Resp: 190397
 Ion Ratio Lower Upper
 202 100
 101 10.2 6.9 10.3
 100 7.9 5.4 8.0



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





#77

Pyrene

Concen: 2.09 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BM007053.D

Acq: 12 Aug 2016 21:53

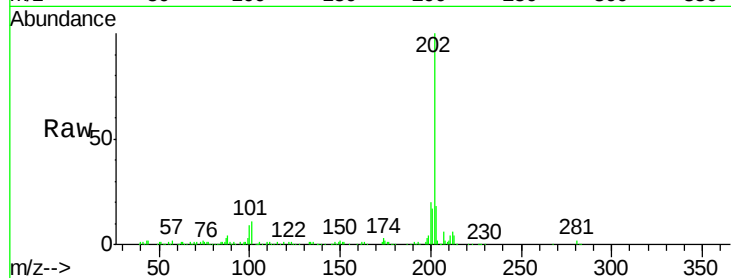
Instrument :

BNA_M

ClientSampleId :

PR002-SS005-0002-01

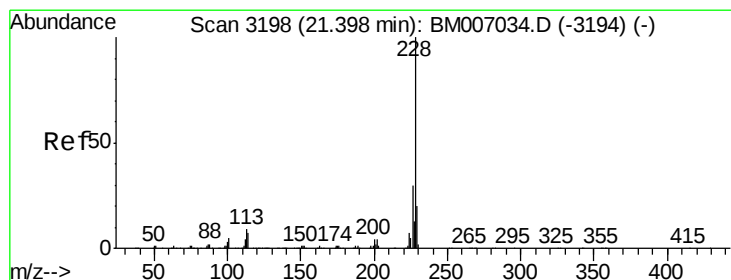
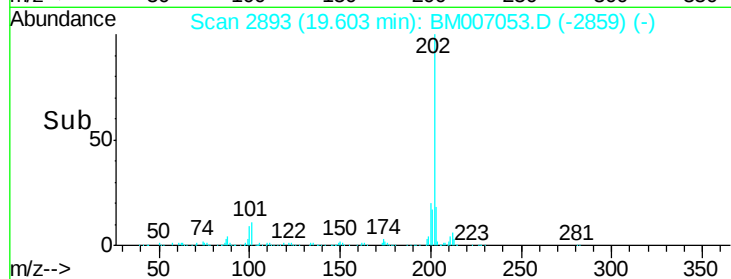
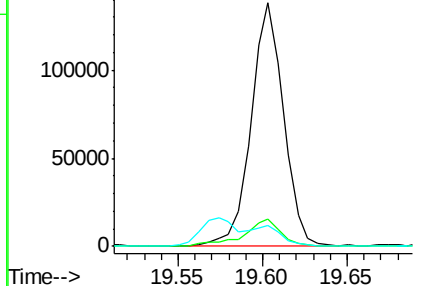
Tgt Ion:	202	Resp:	185615
Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.4	12.6
100	8.7	6.9	10.3



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



#82

Chrysene

Concen: 1.20 ng/ul

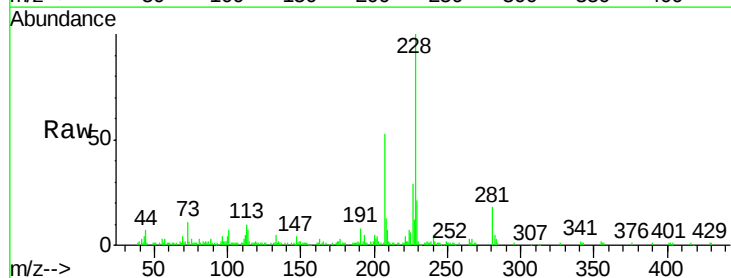
RT: 21.40 min Scan# 3198

Delta R.T. -0.00 min

Lab File: BM007053.D

Acq: 12 Aug 2016 21:53

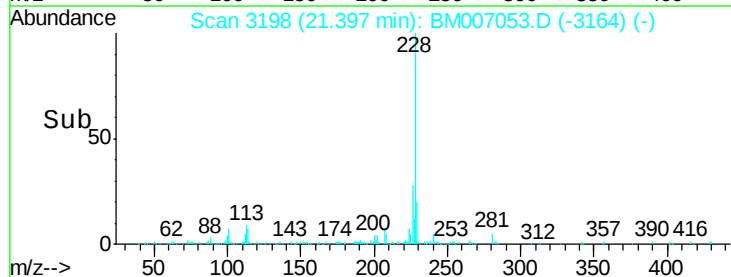
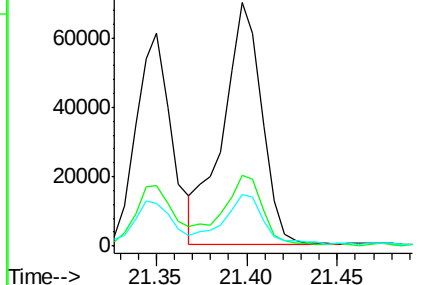
Tgt Ion:	228	Resp:	104102
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	20.9	15.5	23.3

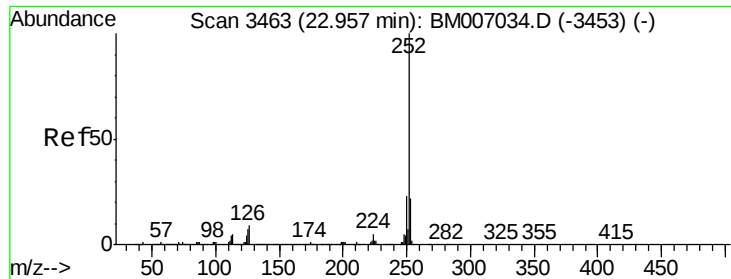


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.46 ng/ul

RT: 22.96 min Scan# 3463

Delta R.T. -0.00 min

Lab File: BM007053.D

Acq: 12 Aug 2016 21:53

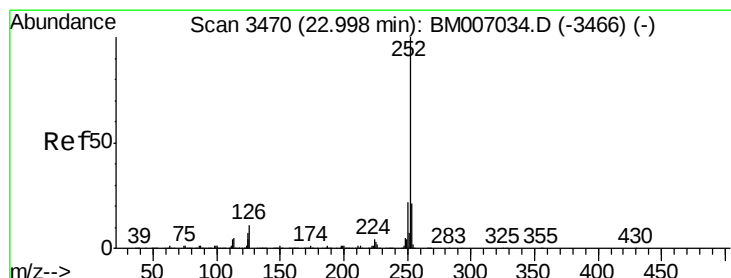
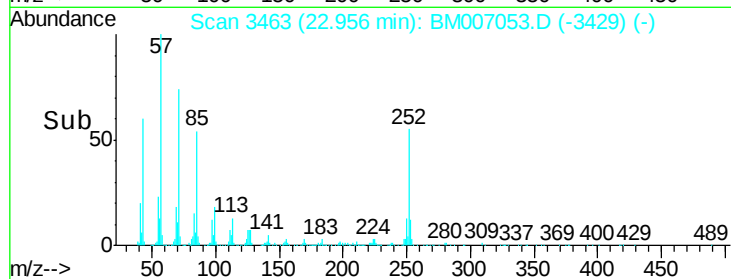
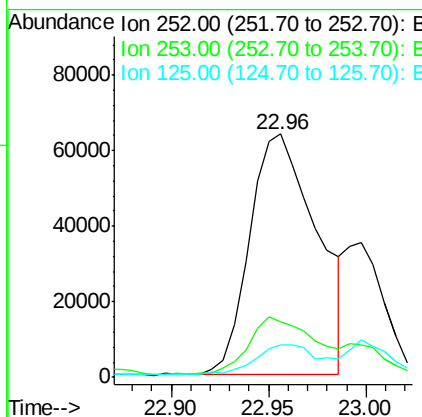
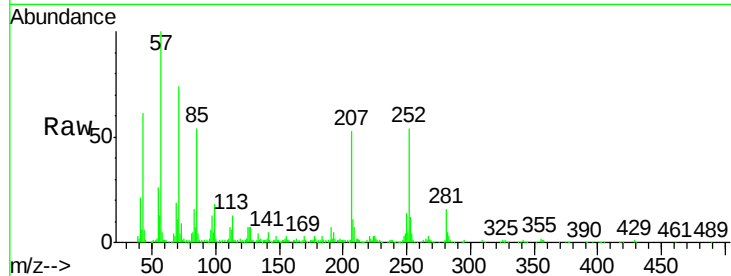
Instrument :

BNA_M

ClientSampleId :

PR002-SS005-0002-01

Tgt Ion:	252	Resp:	151757
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	13.4	5.8	8.8#



#86

Benzo(k)fluoranthene

Concen: 1.55 ng/ul

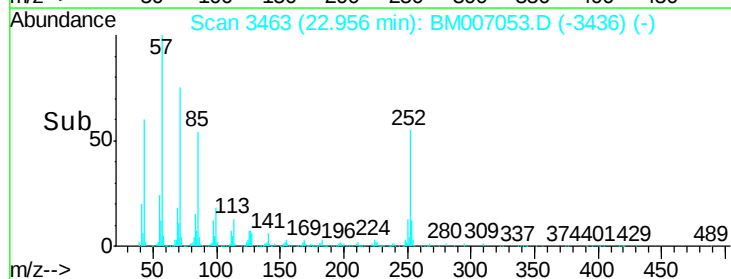
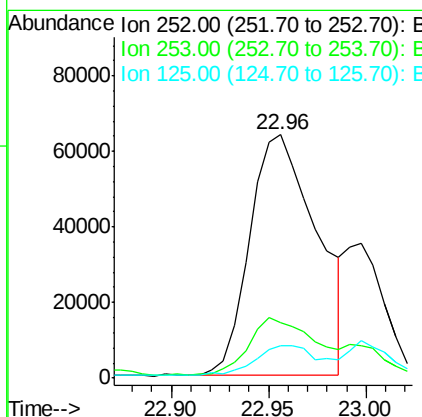
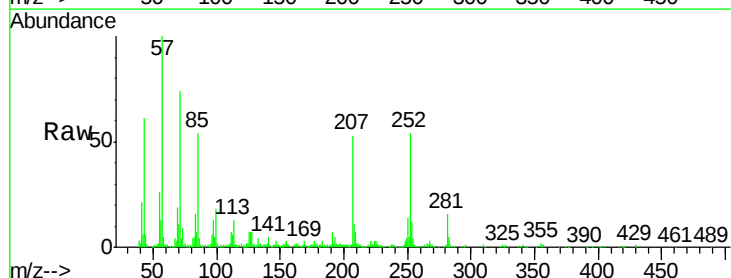
RT: 22.96 min Scan# 3463

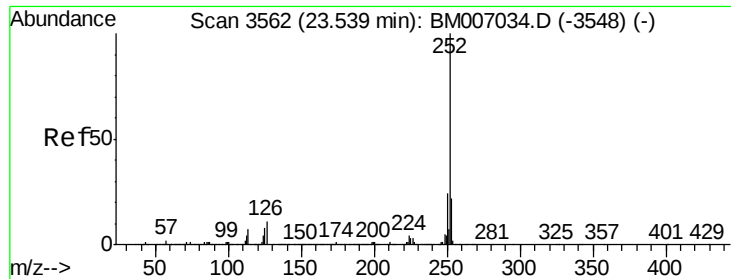
Delta R.T. -0.04 min

Lab File: BM007053.D

Acq: 12 Aug 2016 21:53

Tgt Ion:	252	Resp:	151757
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	13.4	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 1.00 ng/ul

RT: 23.53 min Scan# 3561

Delta R.T. -0.01 min

Lab File: BM007053.D

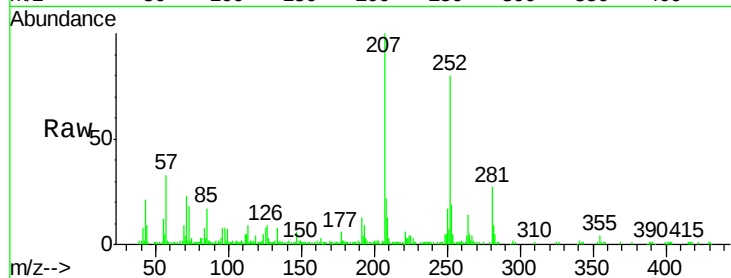
Acq: 12 Aug 2016 21:53

Instrument :

BNA_M

ClientSampleId :

PR002-SS005-0002-01



Tgt Ion:	252	Resp:	98789
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	10.3	6.6	9.8#

