

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
 Data File : BM007838.D
 Acq On : 11 Nov 2016 22:31
 Operator : UM/SJ
 Sample : H5610-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M0

Quant Time: Nov 12 03:17:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 12 03:12:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	171006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	664414	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	422992	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	853228	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1116159	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1152365	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15804	3.96	ng/uL	0.00
5) Phenol-d5	6.92	99	277057	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	172164	21.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	218590	21.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	194598	18.84	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	106158	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	112508	22.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	204734	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	207741	18.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	683322	23.73	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	799475	23.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	76631	16.83	ng/ul	0.01
57) Fluorene-d10	15.37	176	598795	23.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	72441	14.29	ng/ul	0.00
70) Anthracene-d10	17.22	188	951360	24.74	ng/ul	0.00
76) Pyrene-d10	19.52	212	1174147	25.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1298280	25.81	ng/ul	0.00

Target Compounds

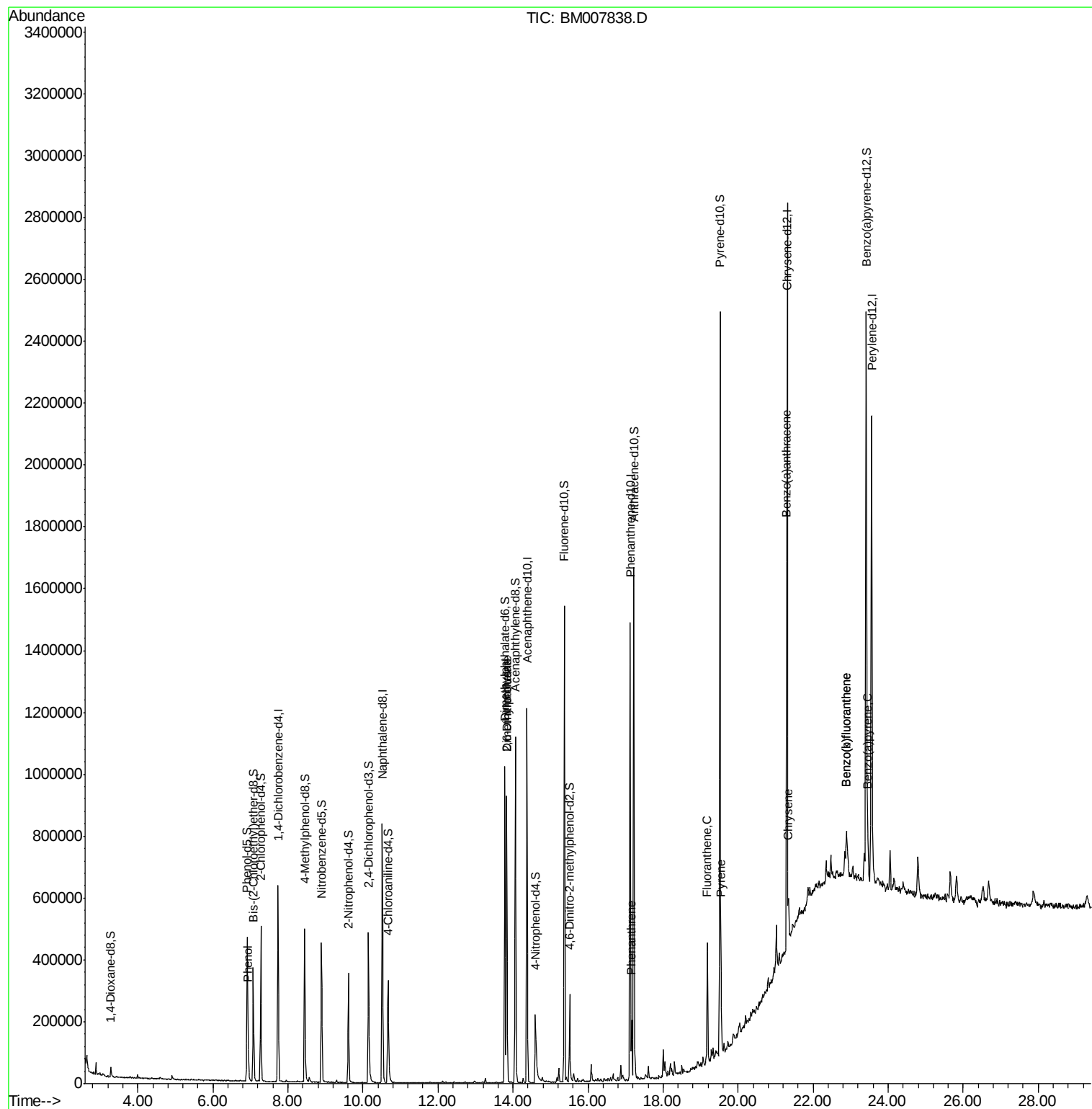
						Qvalue
6) Phenol	6.94	94	41140	3.04	ng/ul	91
44) Dimethylphthalate	13.83	163	586215	20.96	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	5987	1.14	ng/ul#	53
69) Phenanthrene	17.16	178	113194	2.50	ng/ul	98
74) Fluoranthene	19.18	202	228299	4.30	ng/ul#	96
77) Pyrene	19.54	202	196601	3.41	ng/ul	99
80) Benzo(a)anthracene	21.29	228	121271	2.03	ng/ul	98
82) Chrysene	21.34	228	95823	1.67	ng/ul	97
85) Benzo(b)fluoranthene	22.89	252	132435	2.01	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	132435	2.19	ng/ul#	95
88) Benzo(a)pyrene	23.46	252	99539	1.61	ng/ul	93

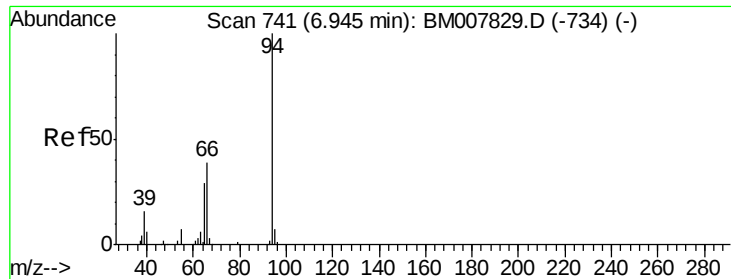
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.04 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

Instrument :

BNA_M

ClientSampleId :

BD4M0

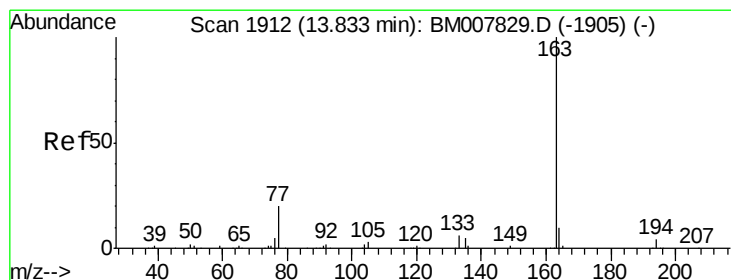
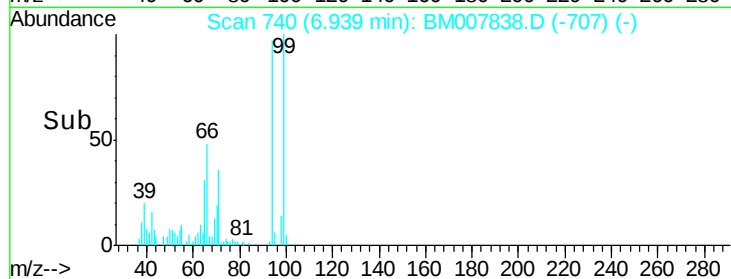
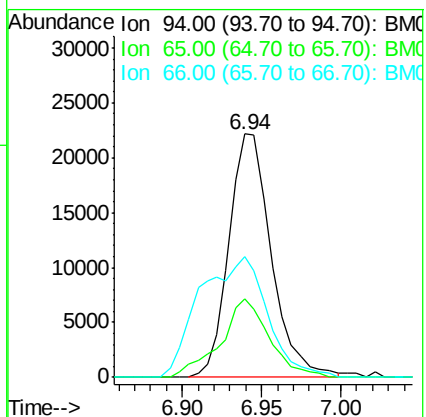
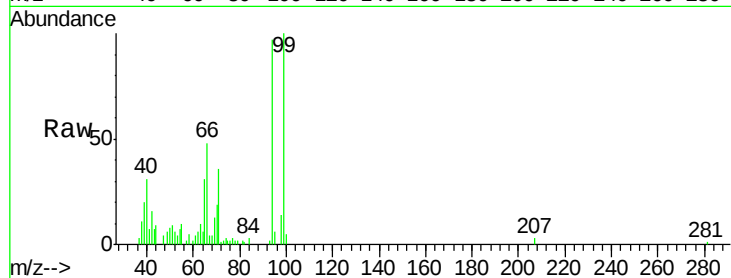
Tgt Ion: 94 Resp: 41140

Ion Ratio Lower Upper

94 100

65 32.2 23.9 35.9

66 49.4 33.5 50.3



#44

Dimethylphthalate

Concen: 20.96 ng/ul

RT: 13.83 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

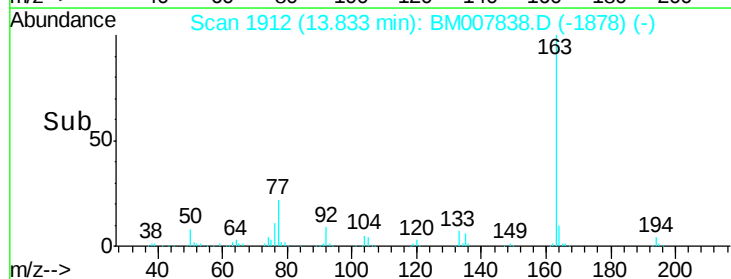
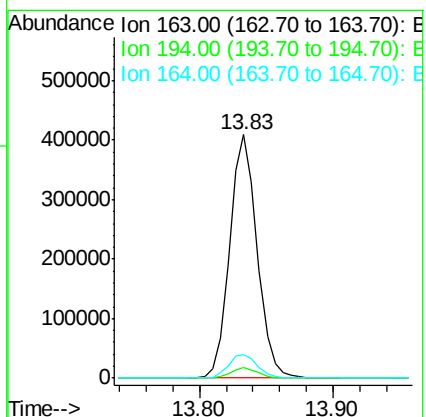
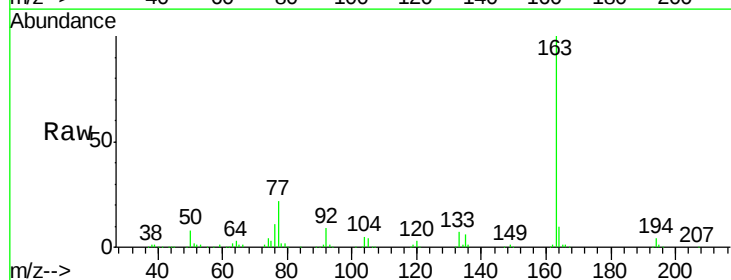
Tgt Ion: 163 Resp: 586215

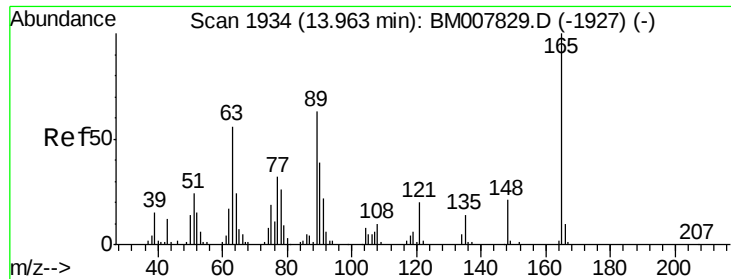
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 9.8 7.8 11.8

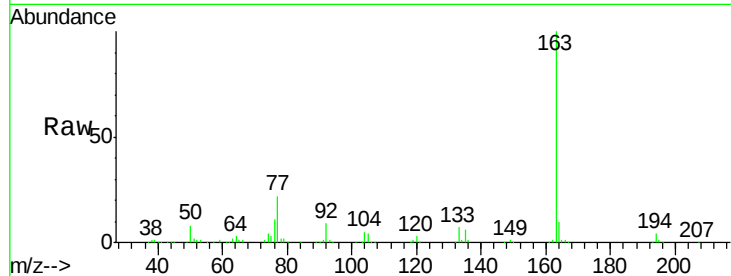




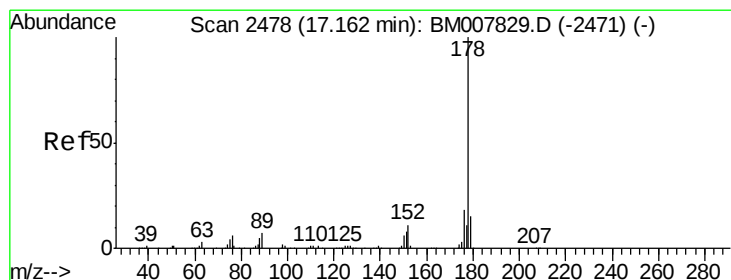
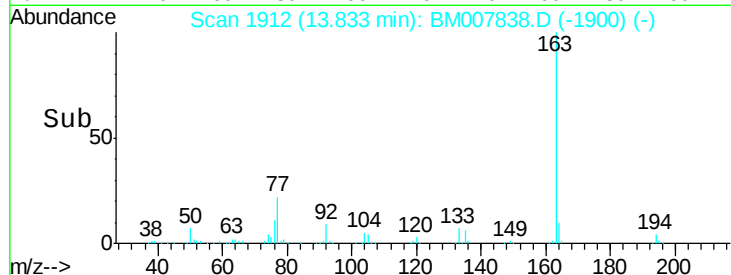
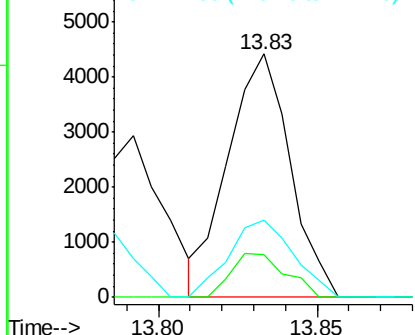
#45
 2,6-Dinitrotoluene
 Concen: 1.14 ng/ul
 RT: 13.83 min Scan# 1912
 Delta R.T. -0.13 min
 Lab File: BM007838.D
 Acq: 11 Nov 2016 22:31

Instrument :
 BNA_M
 ClientSampleId :
 BD4M0

Tgt Ion:165 Resp: 5987
 Ion Ratio Lower Upper
 165 100
 89 17.7 46.6 69.8#
 121 32.0 16.0 24.0#

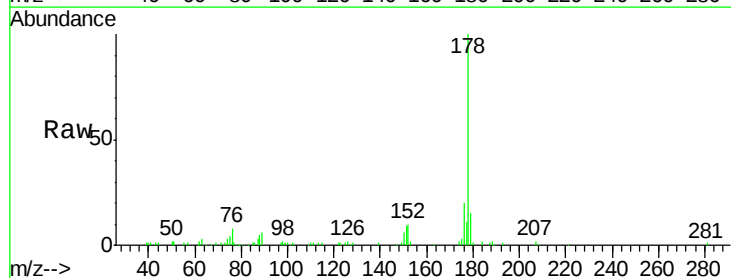


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

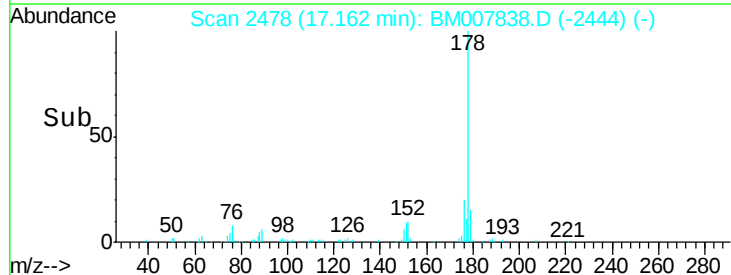
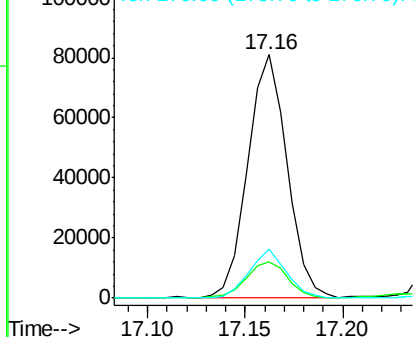


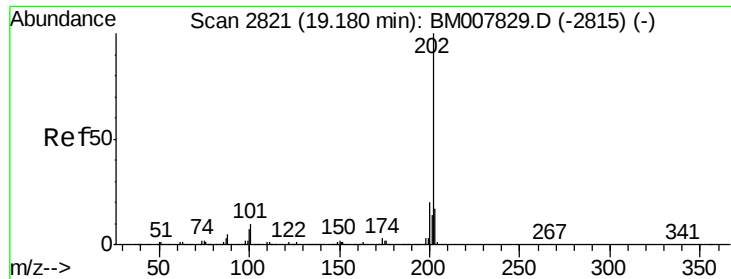
#69
 Phenanthrene
 Concen: 2.50 ng/ul
 RT: 17.16 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM007838.D
 Acq: 11 Nov 2016 22:31

Tgt Ion:178 Resp: 113194
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.2 18.2
 176 20.3 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





#74

Fluoranthene

Concen: 4.30 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

Instrument :

BNA_M

ClientSampleId :

BD4M0

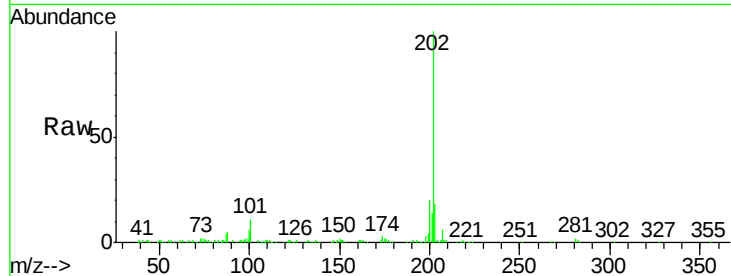
Tgt Ion:202 Resp: 228299

Ion Ratio Lower Upper

202 100

101 10.6 6.9 10.3#

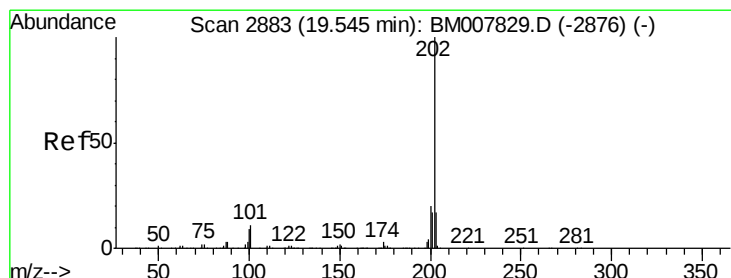
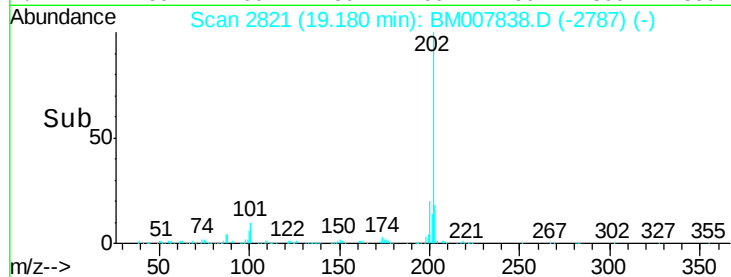
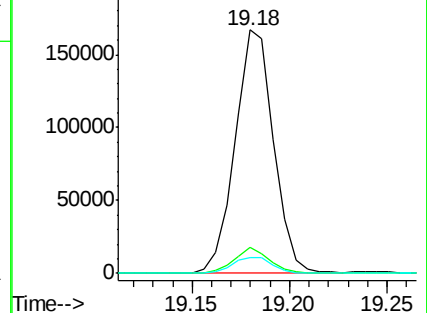
100 6.4 5.4 8.0



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: 3.41 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

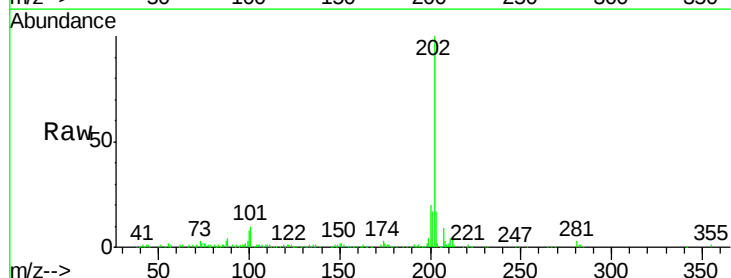
Tgt Ion:202 Resp: 196601

Ion Ratio Lower Upper

202 100

101 9.8 8.4 12.6

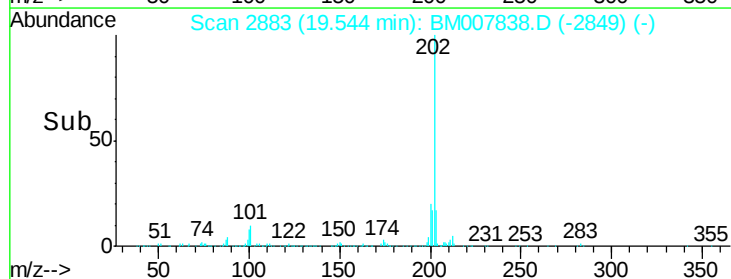
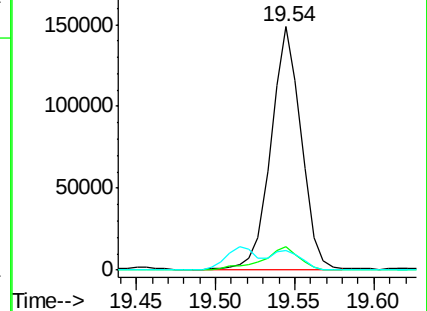
100 8.2 6.9 10.3

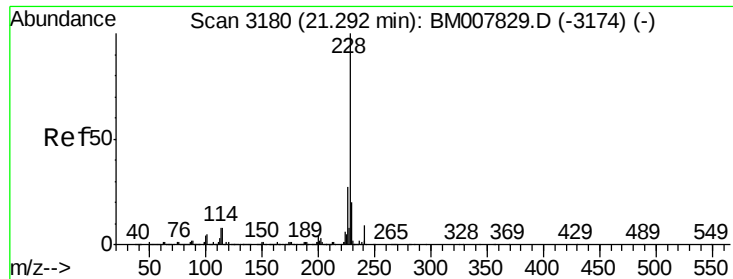


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.03 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

Instrument :

BNA_M

ClientSampleId :

BD4M0

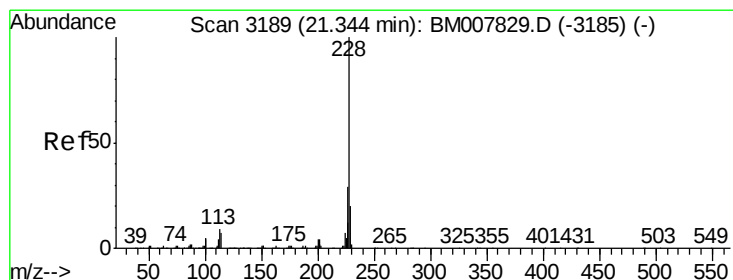
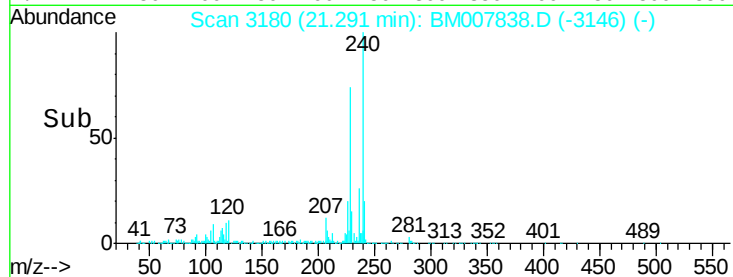
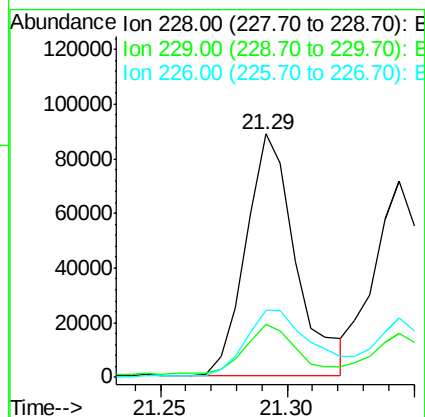
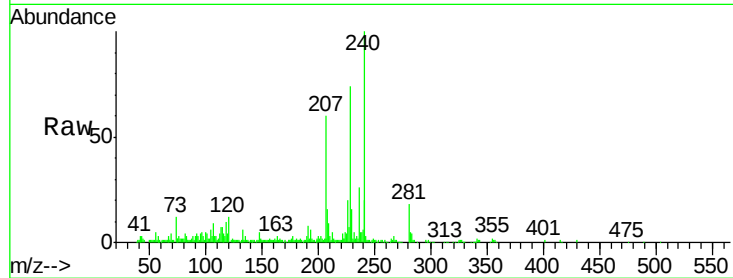
Tgt Ion:228 Resp: 121271

Ion Ratio Lower Upper

228 100

229 21.6 15.6 23.4

226 27.7 21.8 32.8



#82

Chrysene

Concen: 1.67 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

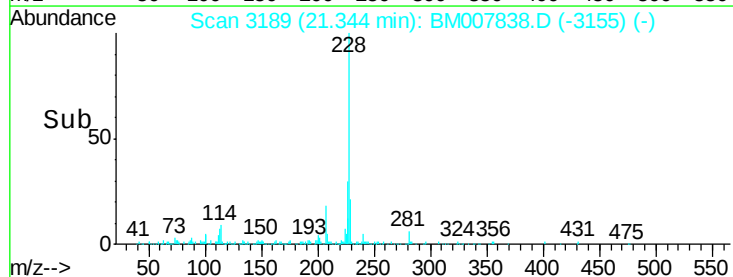
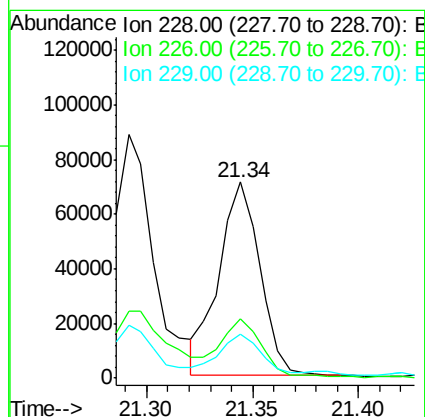
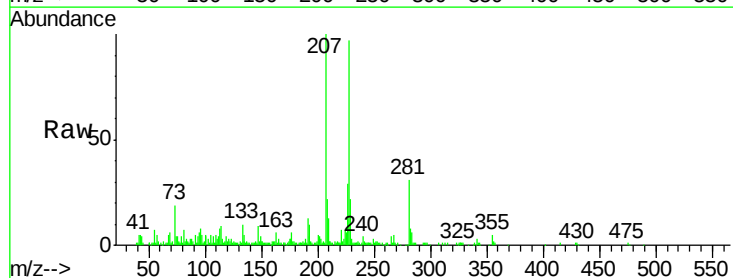
Tgt Ion:228 Resp: 95823

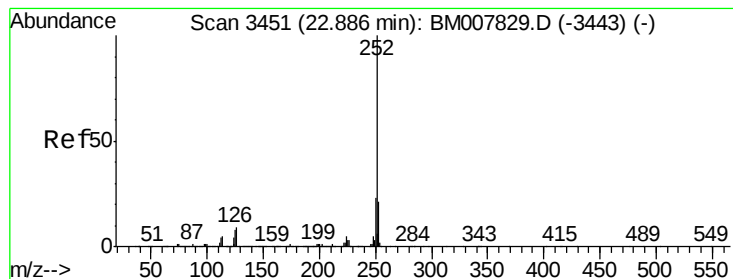
Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 22.5 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 2.01 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

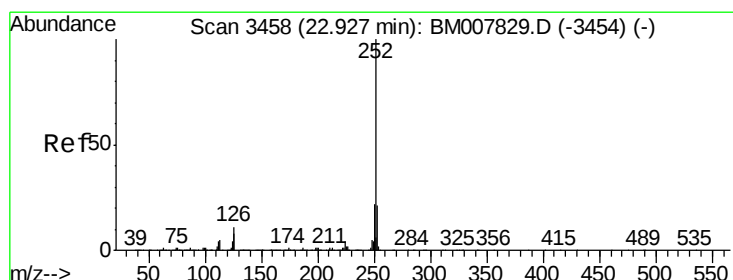
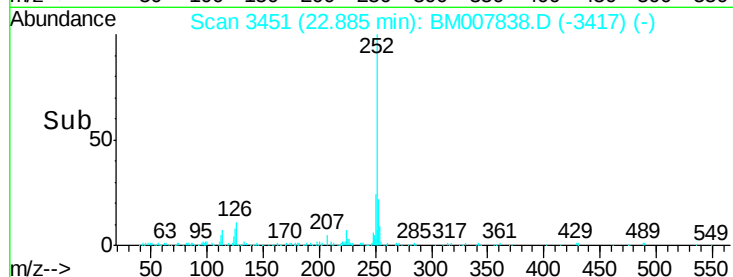
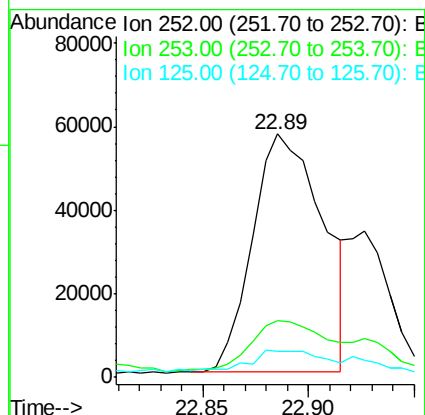
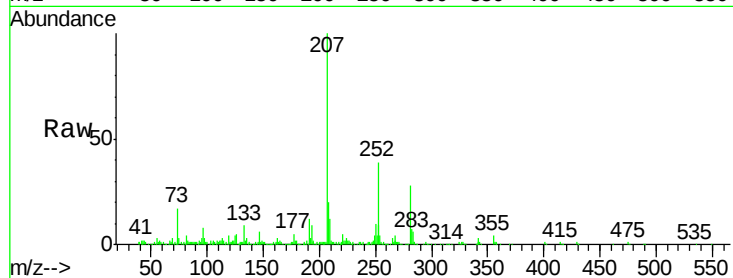
Instrument :

BNA_M

ClientSampleId :

BD4M0

Tgt Ion:	252	Resp:	132435
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	10.8	5.8	8.8#



#86

Benzo(k)fluoranthene

Concen: 2.19 ng/ul

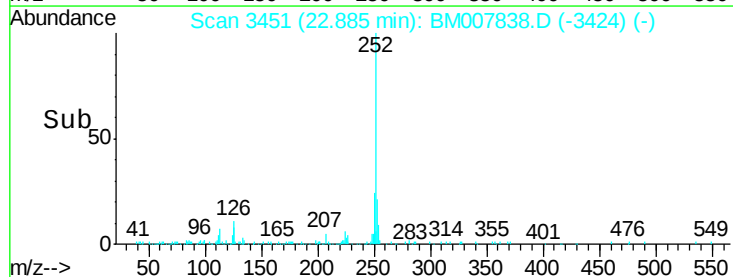
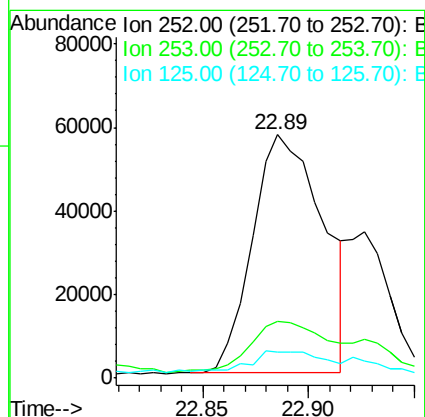
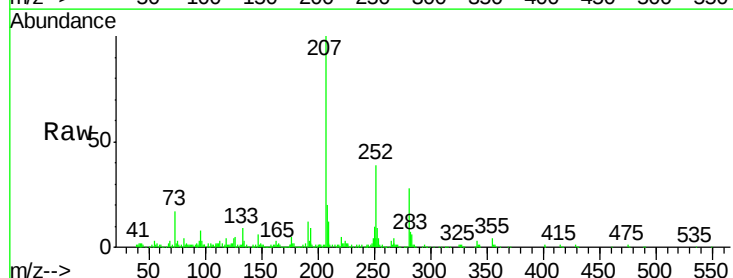
RT: 22.89 min Scan# 3451

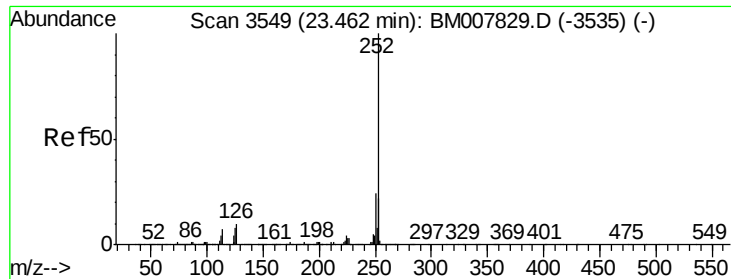
Delta R.T. -0.04 min

Lab File: BM007838.D

Acq: 11 Nov 2016 22:31

Tgt Ion:	252	Resp:	132435
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.6	26.4
125	10.8	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 1.61 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BM007838.D

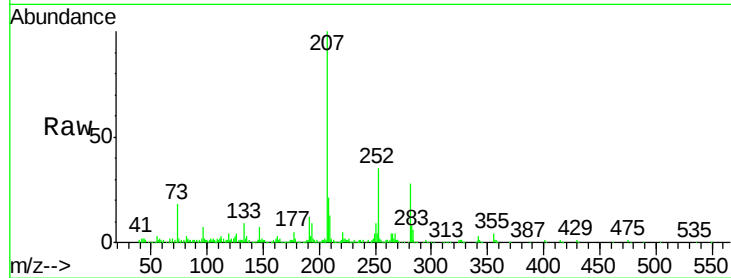
Acq: 11 Nov 2016 22:31

Instrument :

BNA_M

ClientSampleId :

BD4M0



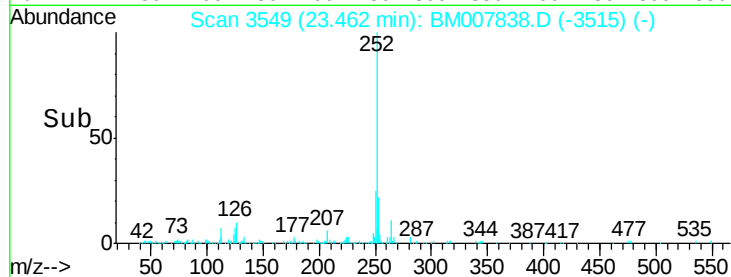
Tgt Ion:252 Resp: 99539

Ion Ratio Lower Upper

252 100

253 26.0 17.7 26.5

125 9.6 6.6 9.8



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

