

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007746.D
 Acq On : 28 Oct 2016 17:00
 Operator : UM/SJ
 Sample : H5442-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS012-1218-01

Quant Time: Oct 28 19:16:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 24 12:55:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	181375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	696698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	439194	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	844293	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1045919	20.00	ng/ul	0.00
83) Perylene-d12	23.58	264	1106126	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	17036	4.02	ng/uL	0.00
5) Phenol-d5	6.93	99	305511	21.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	180768	21.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	250466	23.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	217274	19.84	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	117695	23.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	127208	23.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	233625	22.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	226090	18.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	723559	24.20	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	871651	24.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	90817	19.21	ng/ul	0.01
57) Fluorene-d10	15.38	176	632109	24.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	54804	10.93	ng/ul	0.01
70) Anthracene-d10	17.23	188	971441	25.53	ng/ul	0.00
76) Pyrene-d10	19.53	212	1110739	25.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	1206887	24.99	ng/ul	0.01

Target Compounds

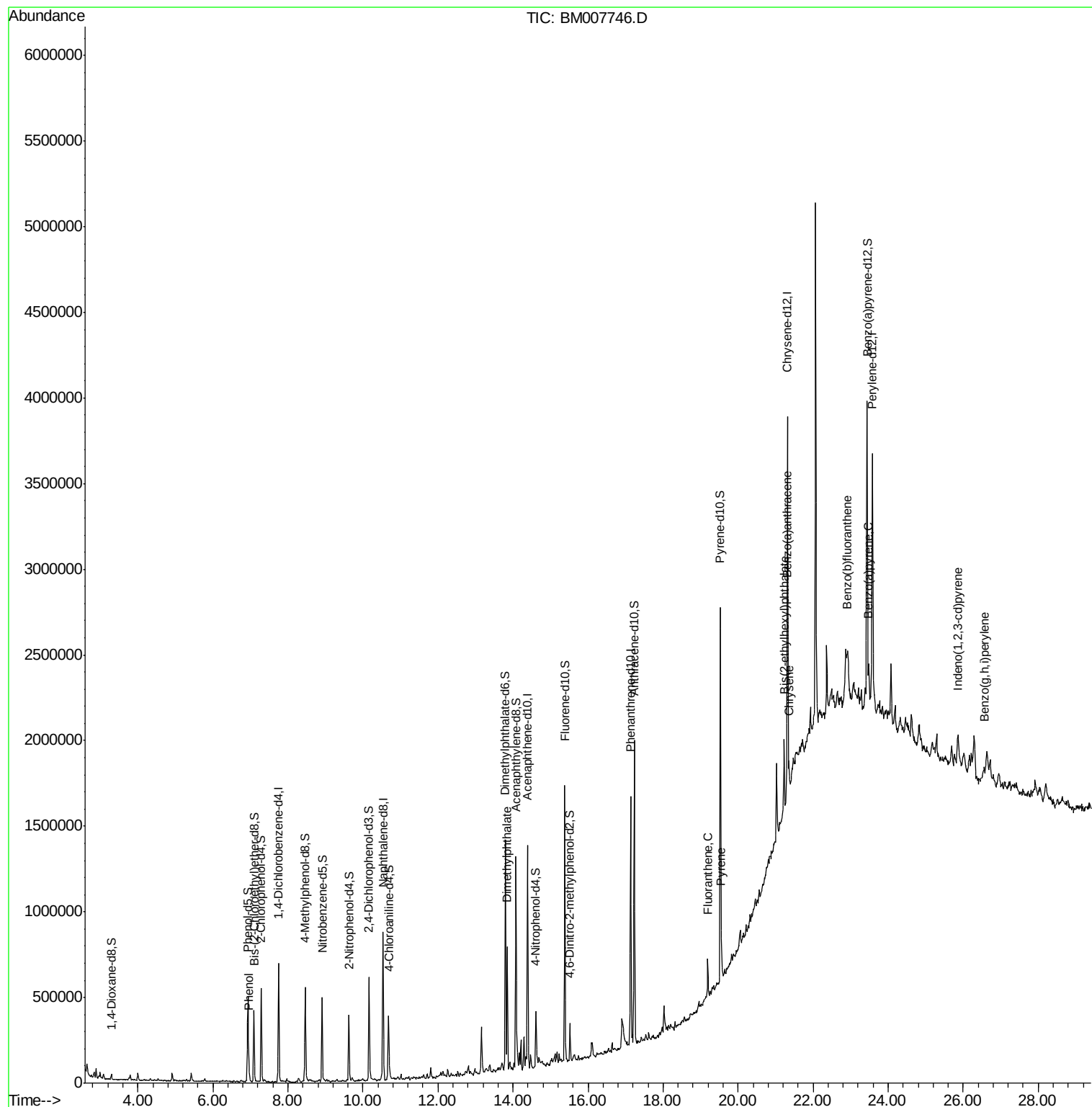
						Qvalue
6) Phenol	6.96	94	40246	2.80	ng/ul	95
44) Dimethylphthalate	13.84	163	436514	15.03	ng/ul	99
74) Fluoranthene	19.19	202	131436	2.50	ng/ul	99
77) Pyrene	19.56	202	139916	2.59	ng/ul	97
80) Benzo(a)anthracene	21.30	228	87120	1.56	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.23	149	147733	5.22	ng/ul	97
82) Chrysene	21.36	228	90356	1.68	ng/ul#	95
85) Benzo(b)fluoranthene	22.91	252	153883	2.44	ng/ul#	78
88) Benzo(a)pyrene	23.48	252	101853	1.71	ng/ul#	75
89) Indeno(1,2,3-cd)pyrene	25.86	276	84809	1.19	ng/ul#	89
91) Benzo(g,h,i)perylene	26.56	276	86264	1.44	ng/ul#	85

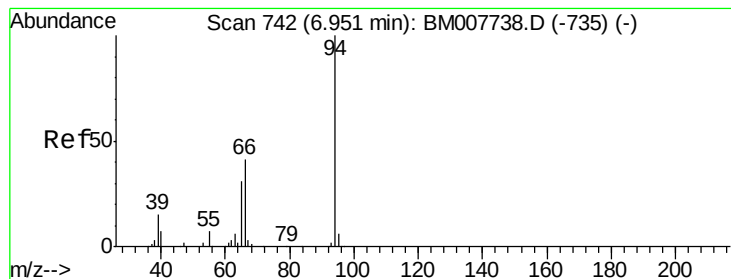
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.80 ng/ul

RT: 6.96 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-1218-01

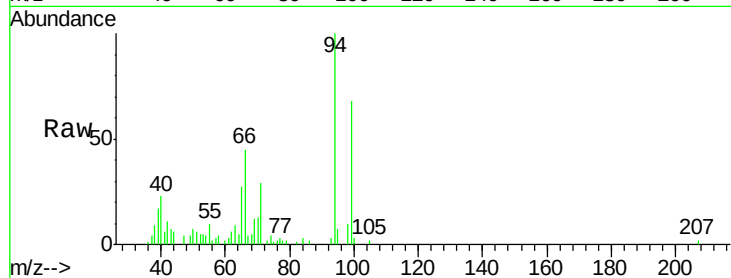
Tgt Ion: 94 Resp: 40246

Ion Ratio Lower Upper

94 100

65 27.5 23.9 35.9

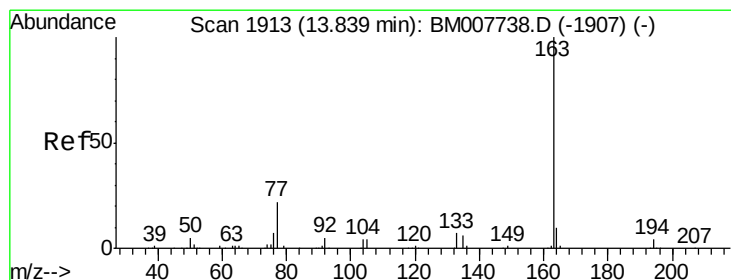
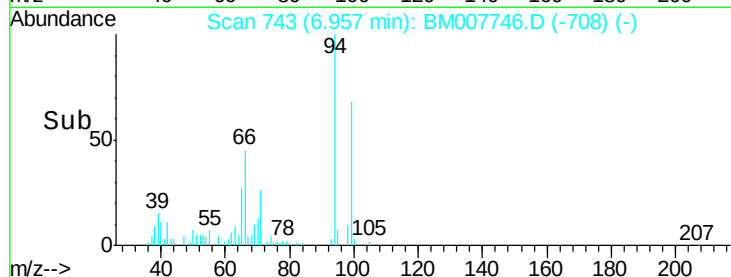
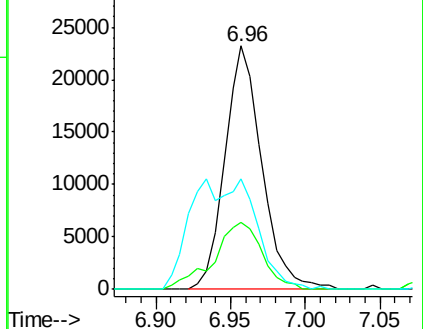
66 45.5 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007738.D (-735) (-)

Ion 65.00 (64.70 to 65.70): BM007738.D (-735) (-)

Ion 66.00 (65.70 to 66.70): BM007738.D (-735) (-)



#44

Dimethylphthalate

Concen: 15.03 ng/ul

RT: 13.84 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

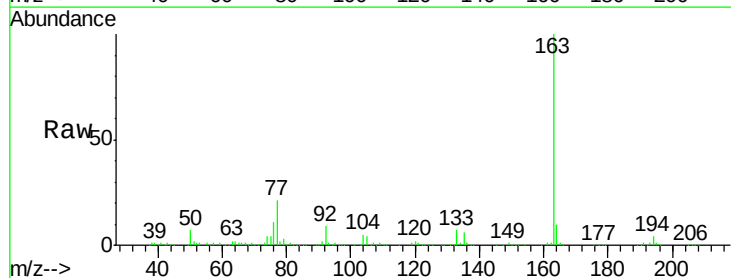
Tgt Ion: 163 Resp: 436514

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

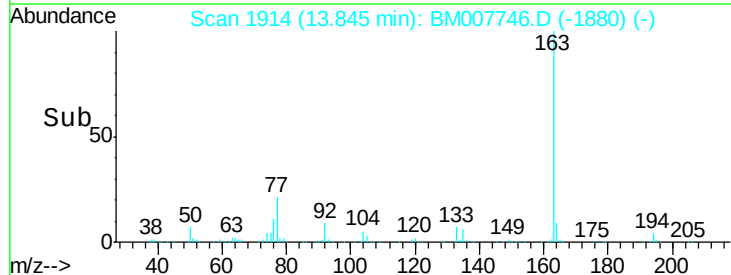
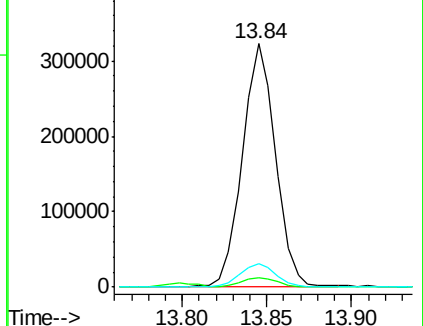
164 9.6 7.8 11.8

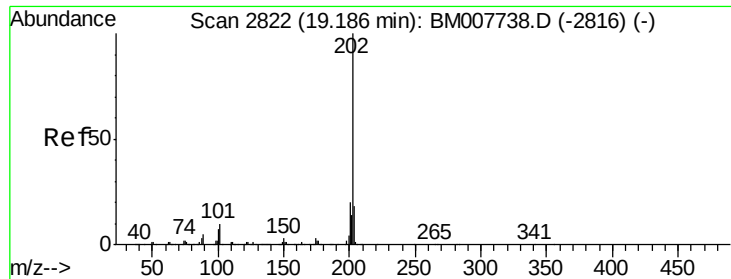


Abundance Ion 163.00 (162.70 to 163.70): BM007738.D (-1907) (-)

Ion 194.00 (193.70 to 194.70): BM007738.D (-1907) (-)

Ion 164.00 (163.70 to 164.70): BM007738.D (-1907) (-)

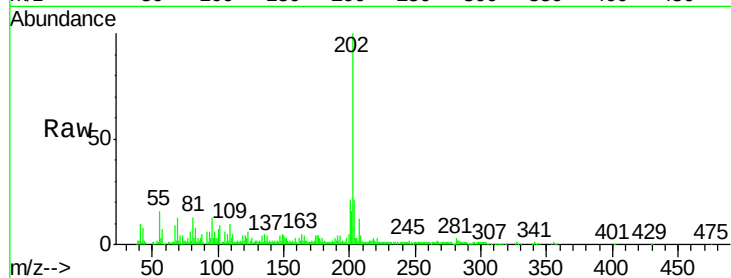




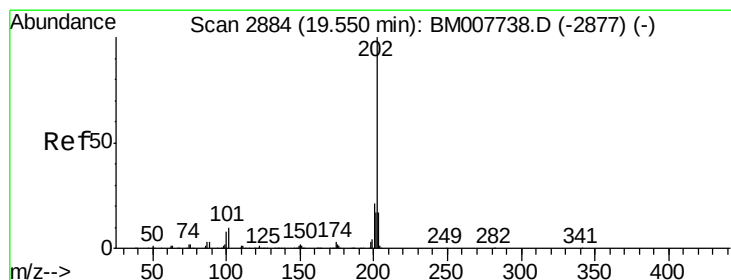
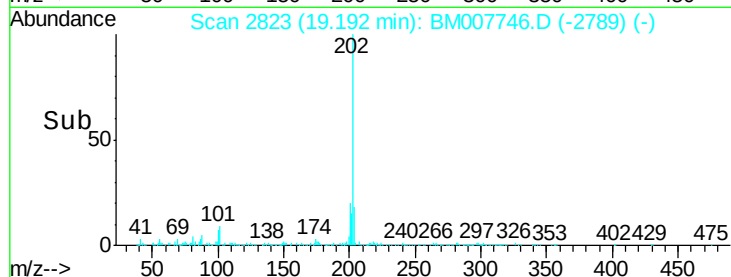
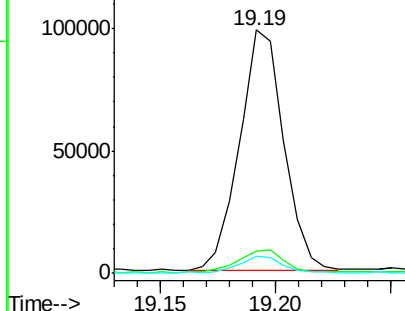
#74
Fluoranthene
Concen: 2.50 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM007746.D
Acq: 28 Oct 2016 17:00

Instrument :
BNA_M
ClientSampleId :
PRERV-SS012-1218-01

Tgt Ion:	202	Resp:	131436
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.9	10.3
100	6.9	5.4	8.0

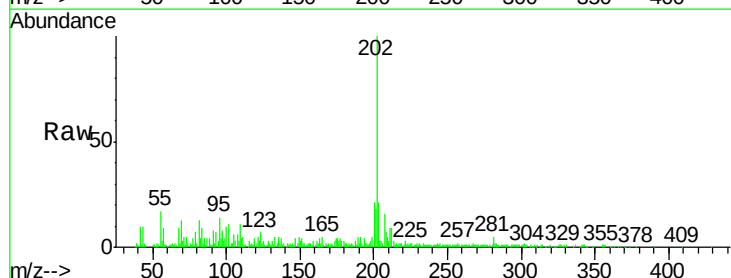


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

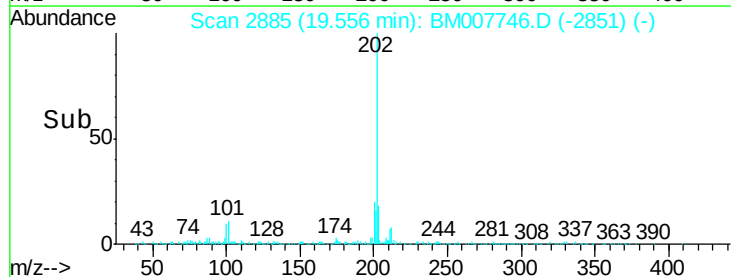
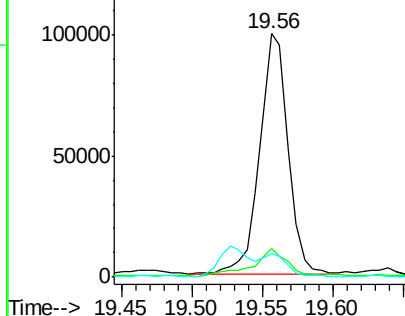


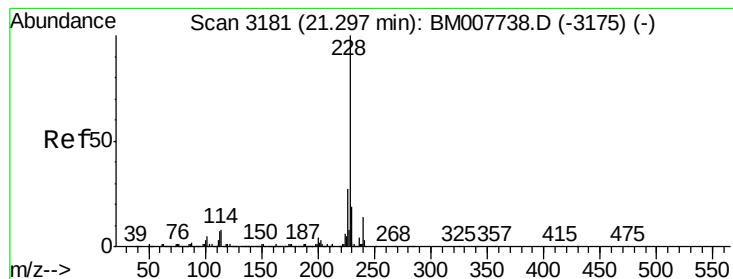
#77
Pyrene
Concen: 2.59 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM007746.D
Acq: 28 Oct 2016 17:00

Tgt Ion:	202	Resp:	139916
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.4	12.6
100	9.8	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: 1.56 ng/ul

RT: 21.30 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

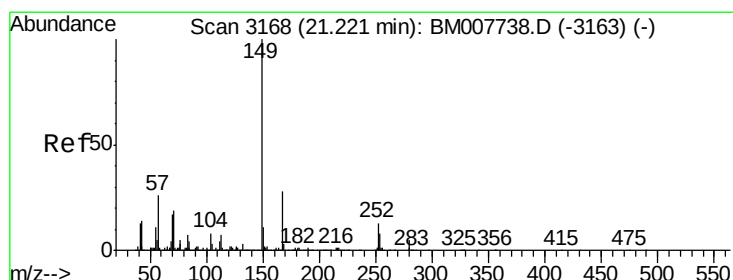
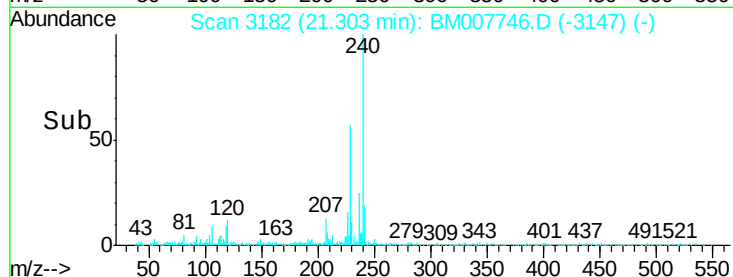
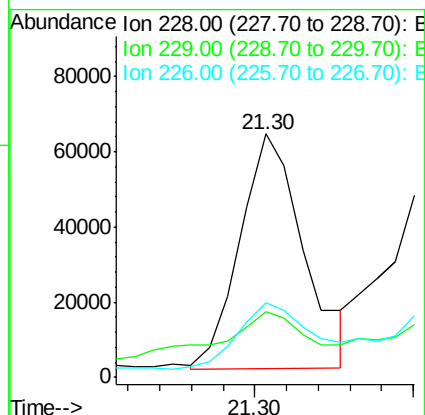
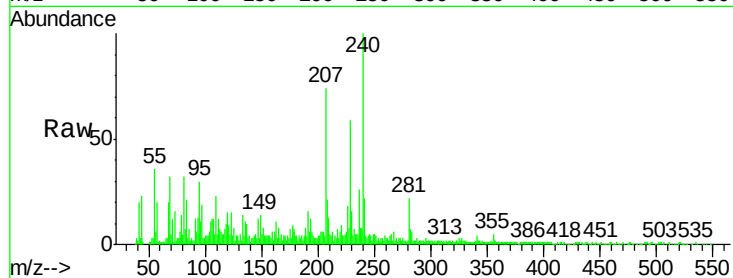
Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-1218-01

Tgt Ion:	228	Resp:	87120
Ion Ratio	Lower	Upper	
228	100		
229	26.9	15.6	23.4#
226	30.6	21.8	32.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 5.22 ng/ul

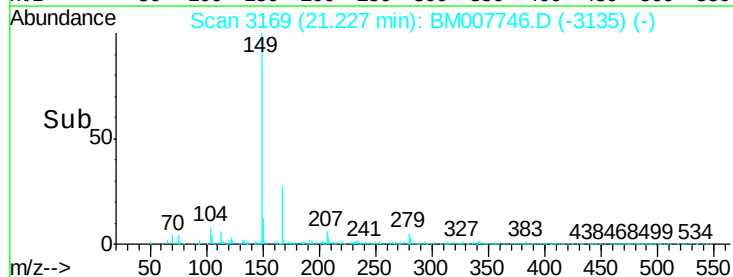
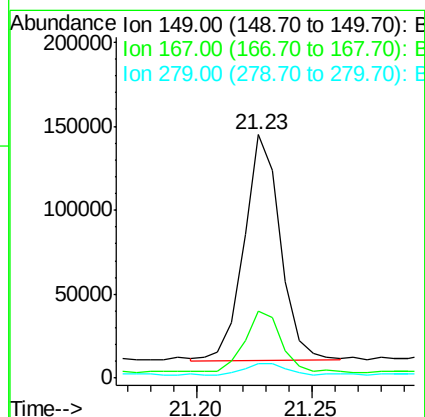
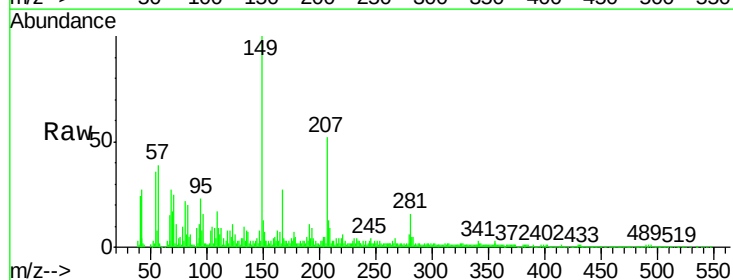
RT: 21.23 min Scan# 3169

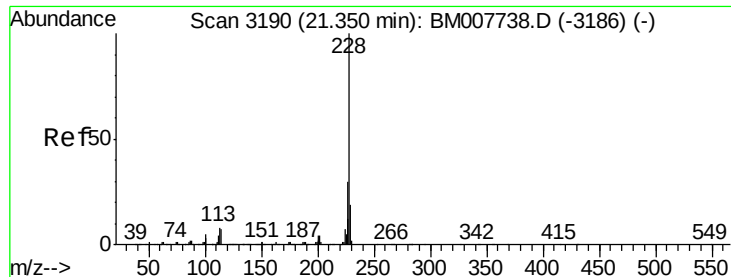
Delta R.T. -0.00 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

Tgt Ion:	149	Resp:	147733
Ion Ratio	Lower	Upper	
149	100		
167	27.5	23.2	34.8
279	5.9	4.1	6.1





#82

Chrysene

Concen: 1.68 ng/ul

RT: 21.36 min Scan# 3191

Delta R.T. 0.01 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-1218-01

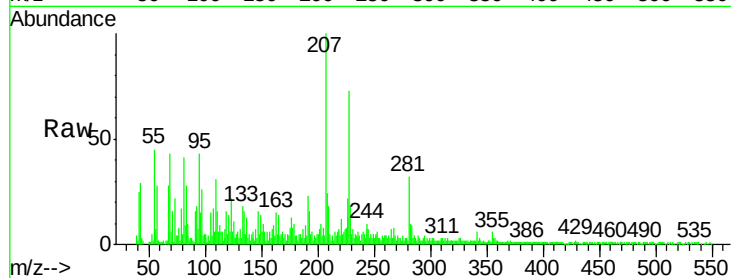
Tgt Ion:228 Resp: 90356

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

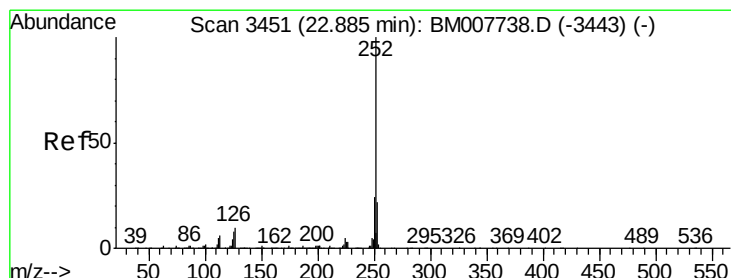
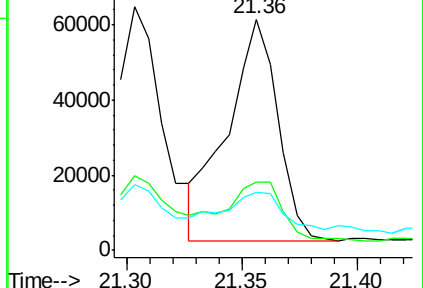
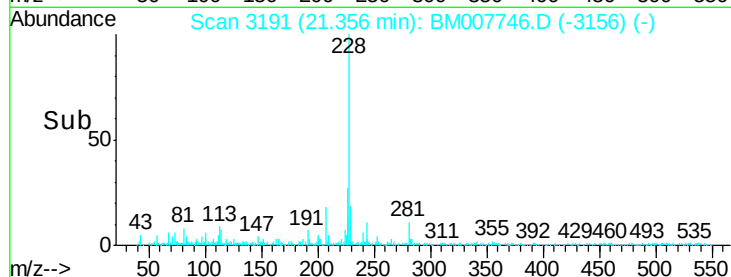
229 25.1 15.5 23.3#



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: 2.44 ng/ul

RT: 22.91 min Scan# 3455

Delta R.T. 0.02 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

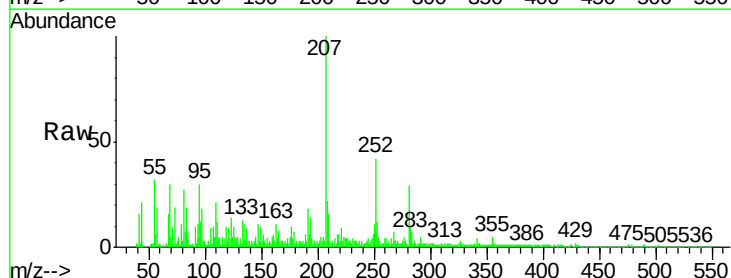
Tgt Ion:252 Resp: 153883

Ion Ratio Lower Upper

252 100

253 27.6 17.1 25.7#

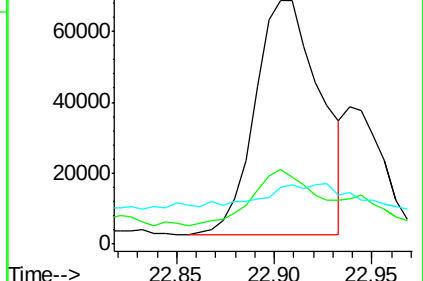
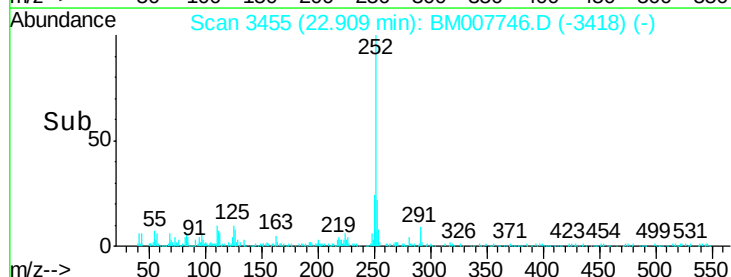
125 24.5 5.8 8.8#

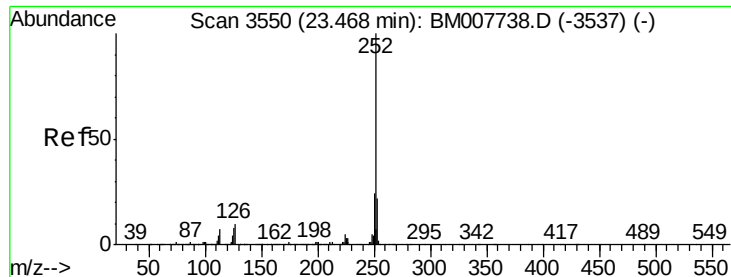


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.71 ng/ul

RT: 23.48 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

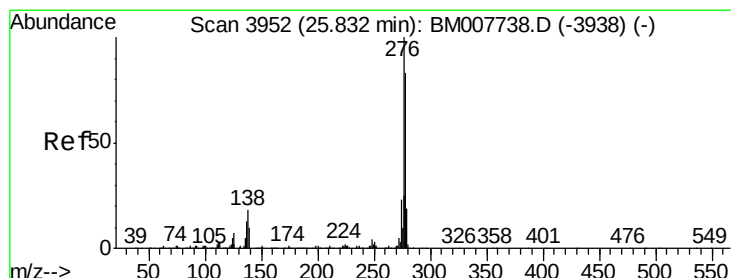
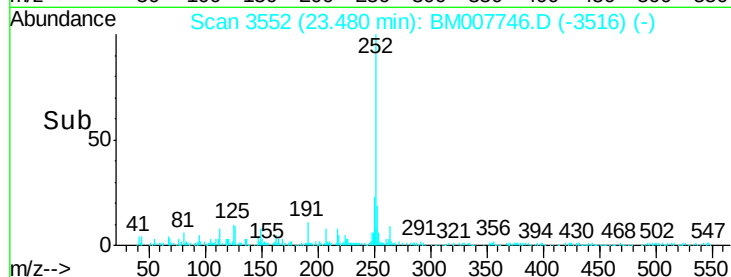
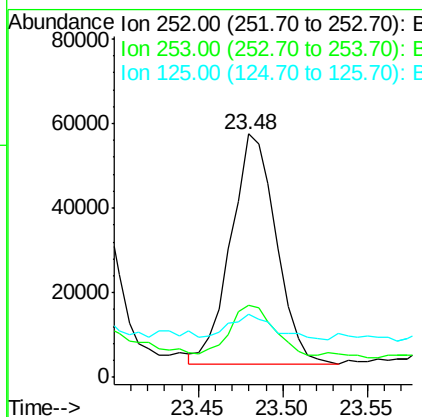
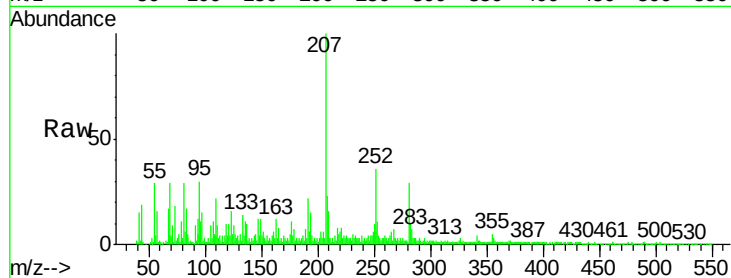
Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-1218-01

Tgt Ion:	252	Resp:	101853
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.7	26.5#
125	26.1	6.6	9.8#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.19 ng/ul

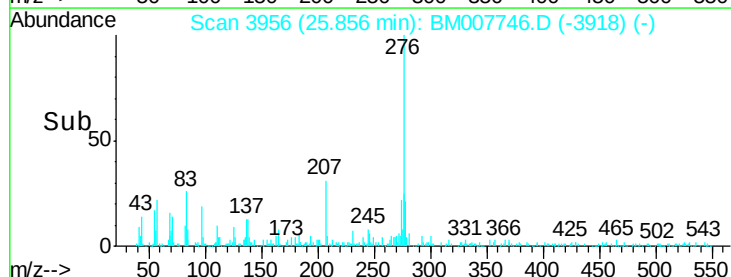
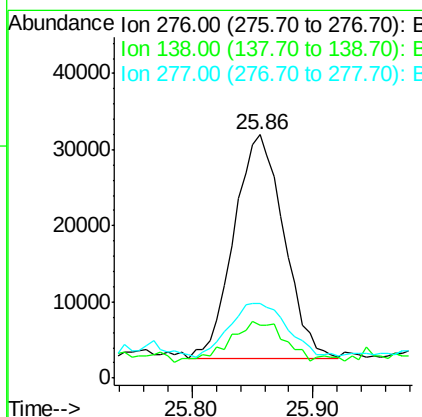
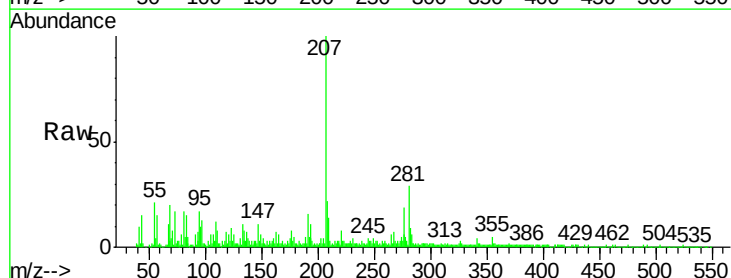
RT: 25.86 min Scan# 3956

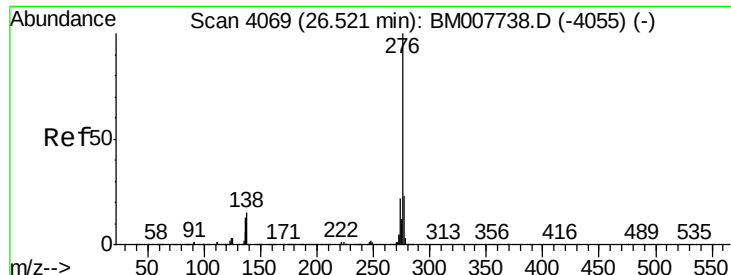
Delta R.T. 0.02 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

Tgt Ion:	276	Resp:	84809
Ion Ratio	Lower	Upper	
276	100		
138	21.7	13.9	20.9#
277	30.8	20.1	30.1#





#91

Benzo(g,h,i)perylene

Concen: 1.44 ng/ul

RT: 26.56 min Scan# 4076

Delta R.T. 0.03 min

Lab File: BM007746.D

Acq: 28 Oct 2016 17:00

Instrument :

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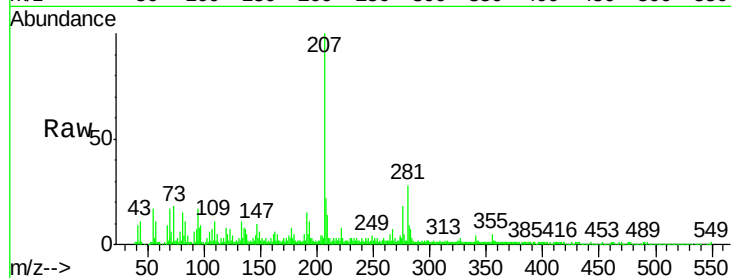
Tgt Ion: 276 Resp: 86264

Ion Ratio Lower Upper

276 100

138 25.9 13.5 20.3#

277 29.7 19.3 28.9#



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

