

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007744.D
 Acq On : 28 Oct 2016 15:50
 Operator : UM/SJ
 Sample : H5441-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS010-0003-01

Quant Time: Oct 28 19:07:24 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	182379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	694461	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	440203	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	881179	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1079616	20.00	ng/ul	0.00
83) Perylene-d12	23.58	264	1151125	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12521	2.94	ng/uL	0.00
5) Phenol-d5	6.93	99	248642	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	144533	17.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	199598	18.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	183042	16.62	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	92718	18.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	98767	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	188159	18.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	191930	16.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	583161	19.46	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	695029	19.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	70393	14.85	ng/ul	0.02
57) Fluorene-d10	15.38	176	502679	19.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	42851	8.19	ng/ul	0.01
70) Anthracene-d10	17.23	188	771641	19.43	ng/ul	0.00
76) Pyrene-d10	19.53	212	871764	19.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	976442	19.43	ng/ul	0.00

Target Compounds

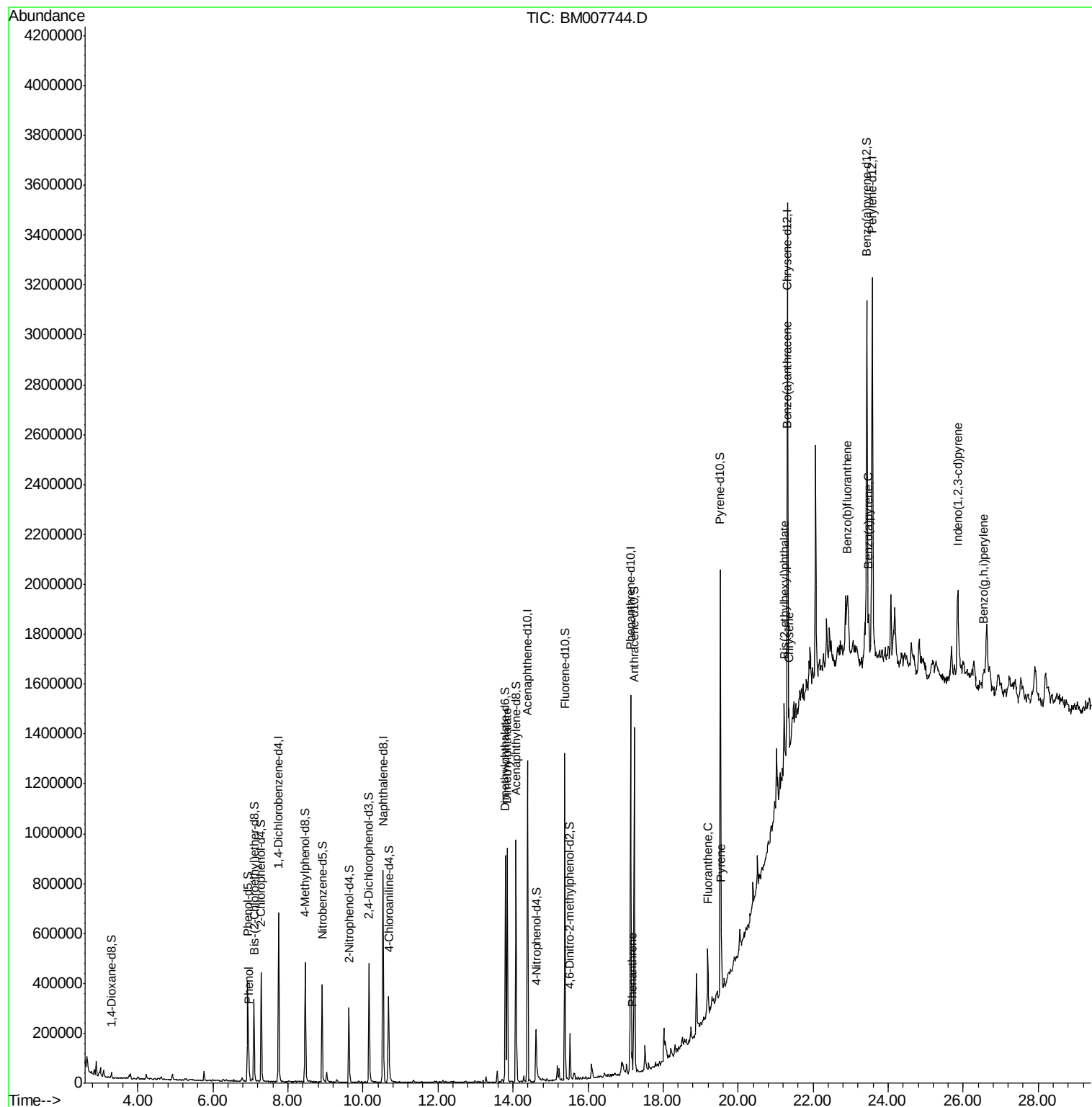
						Qvalue
6) Phenol	6.96	94	34136	2.36	ng/ul	93
44) Dimethylphthalate	13.84	163	575179	19.76	ng/ul	100
69) Phenanthrene	17.17	178	47324	1.01	ng/ul	97
74) Fluoranthene	19.19	202	150483	2.75	ng/ul	98
77) Pyrene	19.56	202	139190	2.50	ng/ul	98
80) Benzo(a)anthracene	21.30	228	89464	1.55	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.23	149	93170	3.19	ng/ul#	96
82) Chrysene	21.36	228	92502	1.67	ng/ul#	91
85) Benzo(b)fluoranthene	22.90	252	162945	2.48	ng/ul#	82
88) Benzo(a)pyrene	23.48	252	103977	1.68	ng/ul#	85
89) Indeno(1,2,3-cd)pyrene	25.85	276	85417	1.15	ng/ul#	89
91) Benzo(g,h,i)perylene	26.56	276	78058	1.25	ng/ul#	91

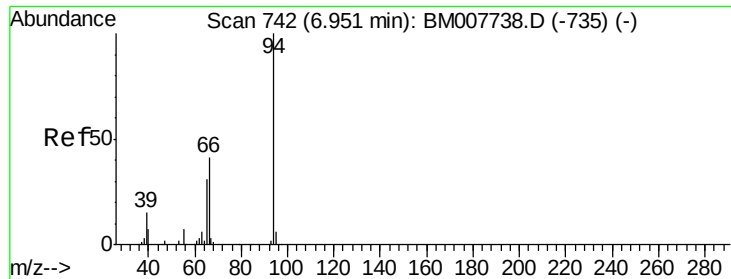
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.36 ng/ul

RT: 6.96 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

Instrument :

BNA_M

ClientSampleId :

PRERV-SS010-0003-01

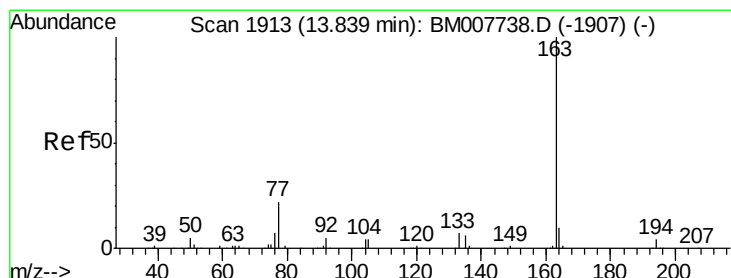
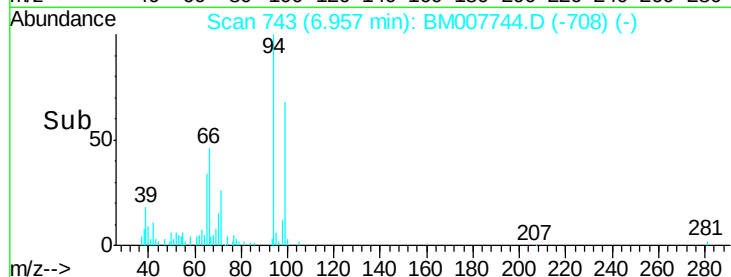
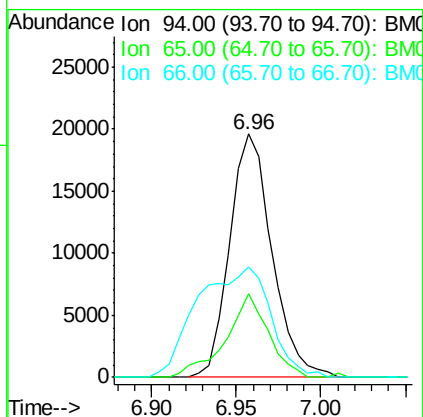
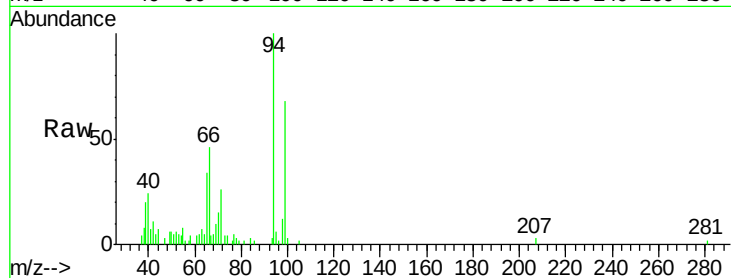
Tgt Ion: 94 Resp: 34136

Ion Ratio Lower Upper

94 100

65 34.3 23.9 35.9

66 45.6 33.5 50.3



#44

Dimethylphthalate

Concen: 19.76 ng/ul

RT: 13.84 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

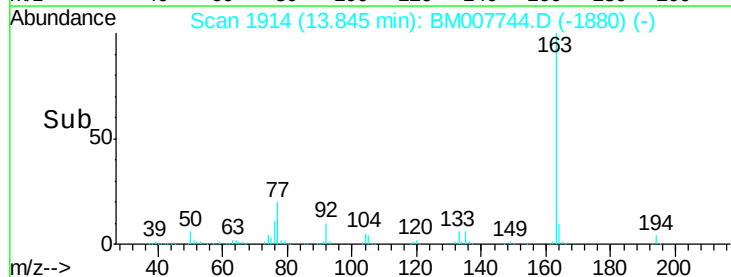
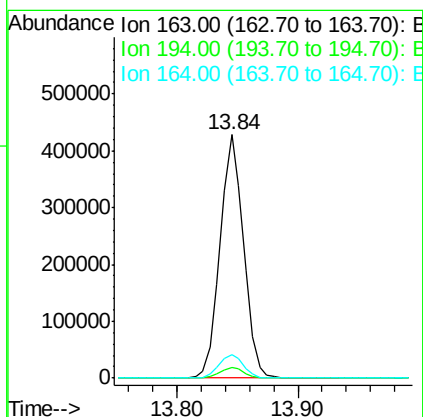
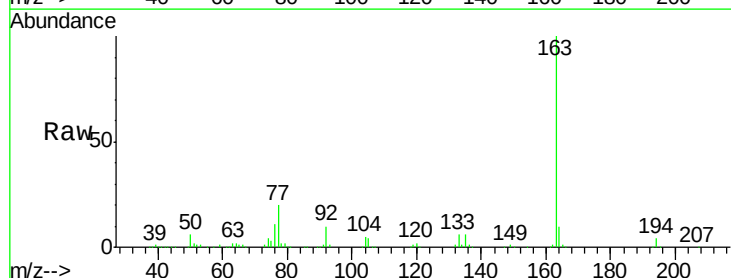
Tgt Ion: 163 Resp: 575179

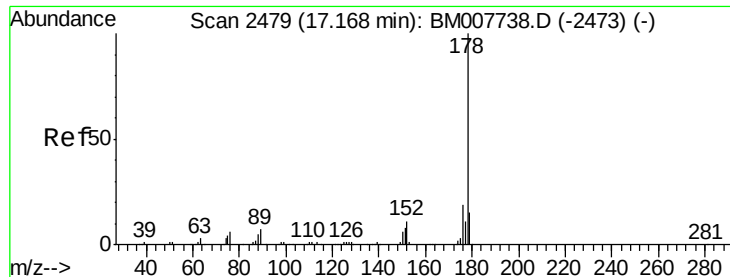
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.8 7.8 11.8





#69

Phenanthrene

Concen: 1.01 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

Instrument :

BNA_M

ClientSampleId :

PRERV-SS010-0003-01

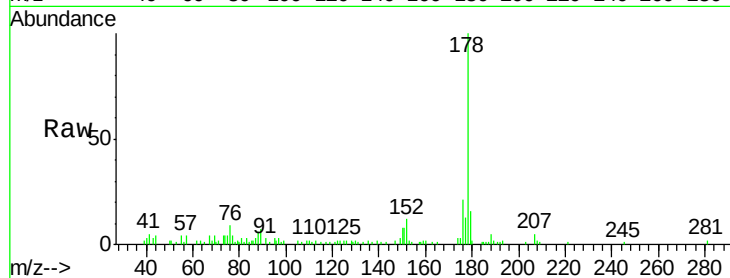
Tgt Ion:178 Resp: 47324

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

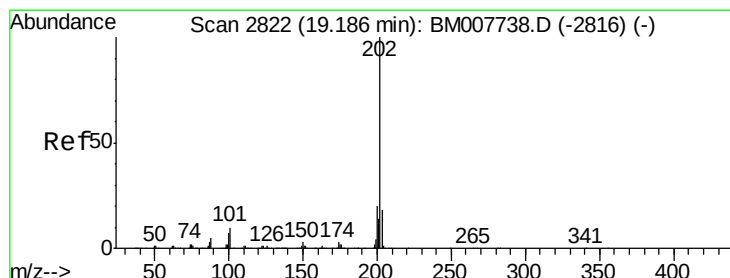
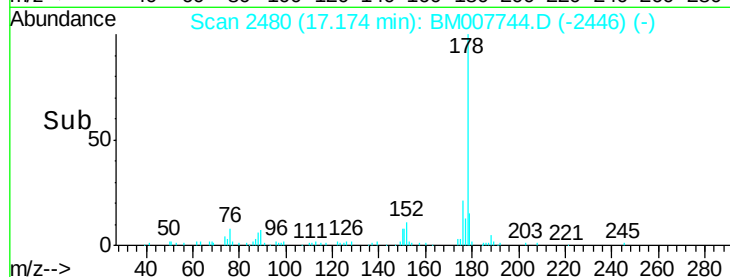
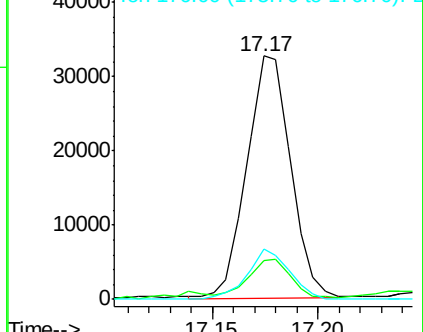
176 20.9 15.1 22.7



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: 2.75 ng/ul

RT: 19.19 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

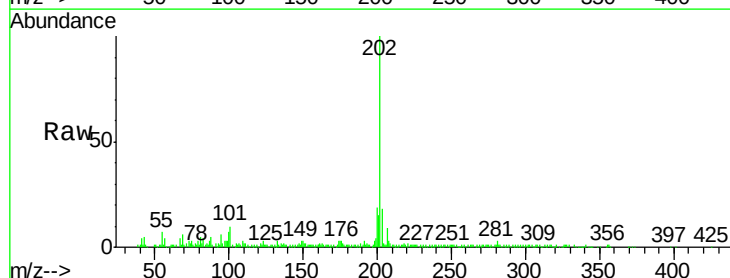
Tgt Ion:202 Resp: 150483

Ion Ratio Lower Upper

202 100

101 9.6 6.9 10.3

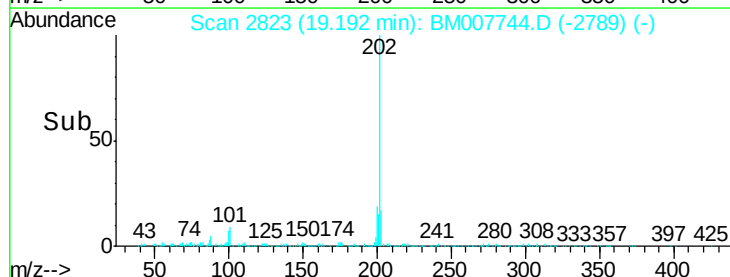
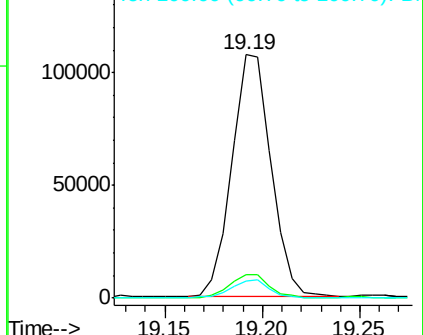
100 7.2 5.4 8.0

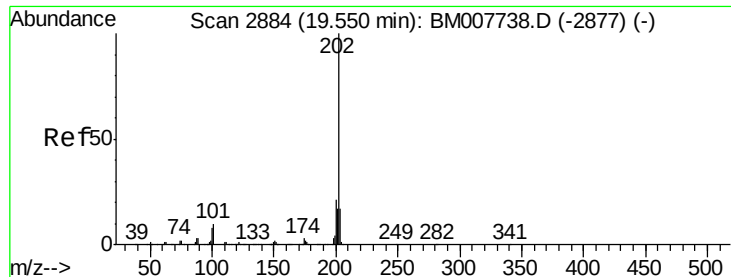


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.50 ng/ul

RT: 19.56 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

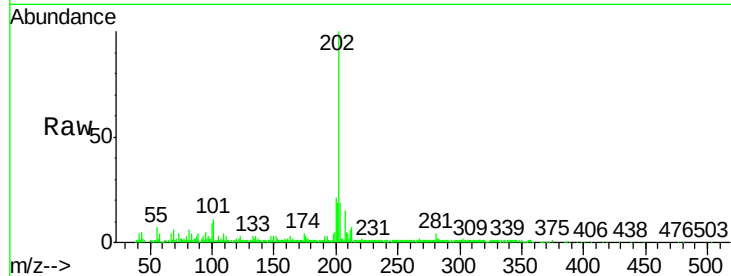
Instrument :

BNA_M

ClientSampleId :

PRERV-SS010-0003-01

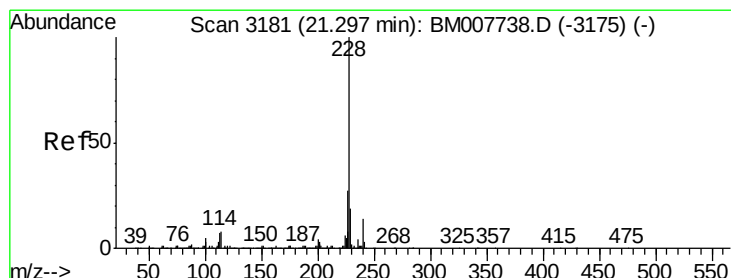
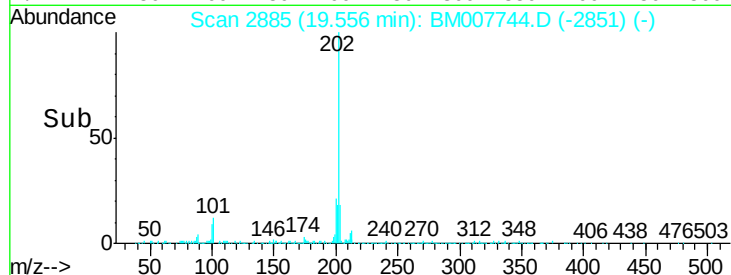
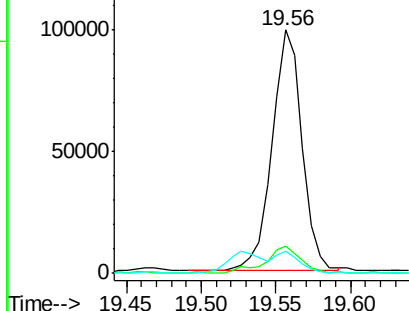
Tgt Ion:	202	Resp:	139190
Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.4	12.6
100	8.9	6.9	10.3



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: 1.55 ng/ul

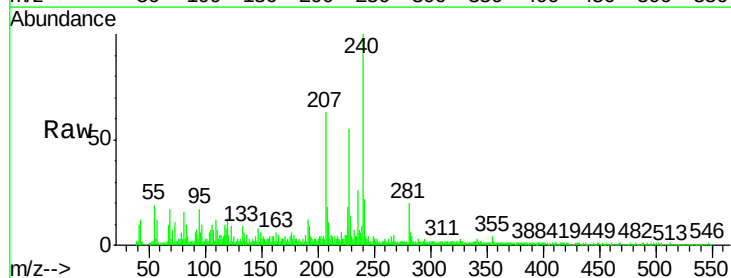
RT: 21.30 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

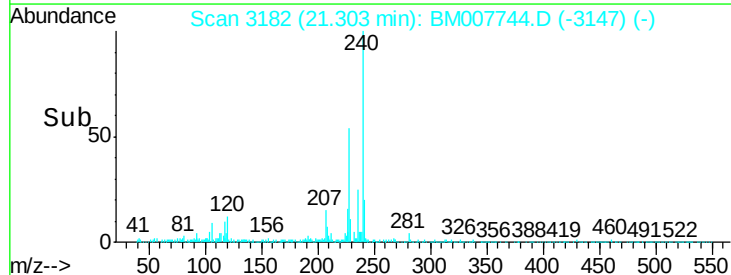
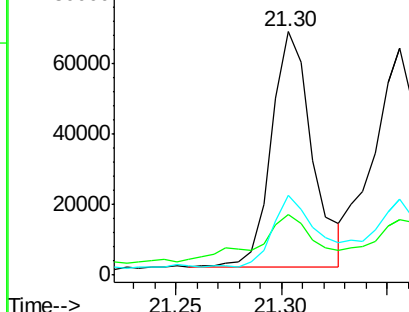
Tgt Ion:	228	Resp:	89464
Ion	Ratio	Lower	Upper
228	100		
229	24.8	15.6	23.4#
226	32.7	21.8	32.8

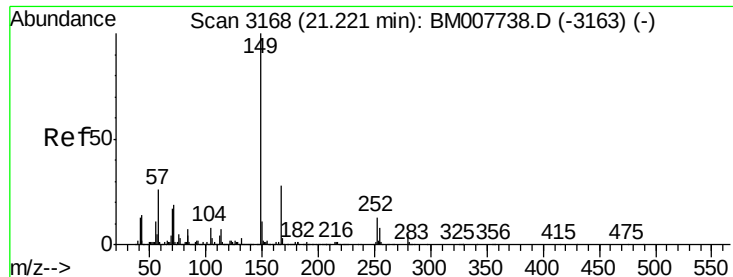


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 3.19 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

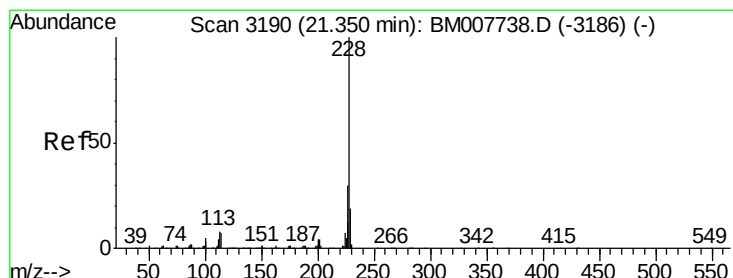
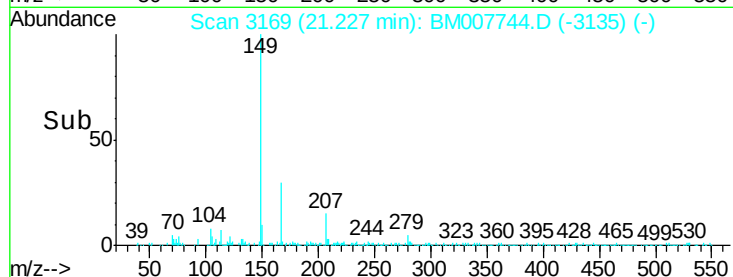
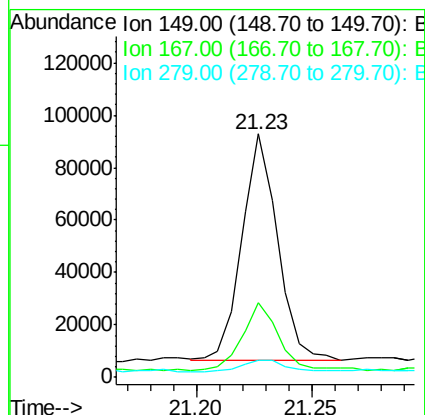
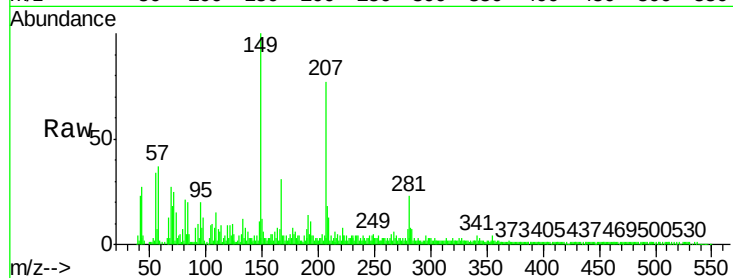
Instrument :

BNA_M

ClientSampleId :

PRERV-SS010-0003-01

Tgt Ion:	149	Resp:	93170
Ion Ratio	Lower	Upper	
149	100		
167	30.8	23.2	34.8
279	7.1	4.1	6.1#



#82

Chrysene

Concen: 1.67 ng/ul

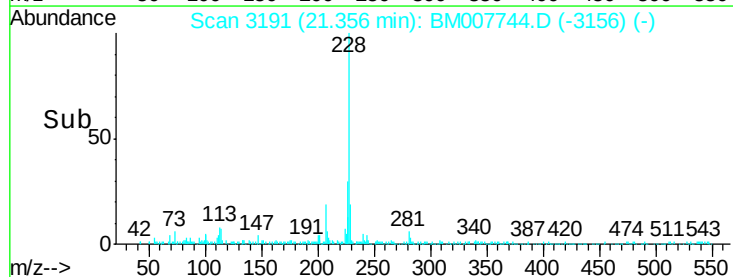
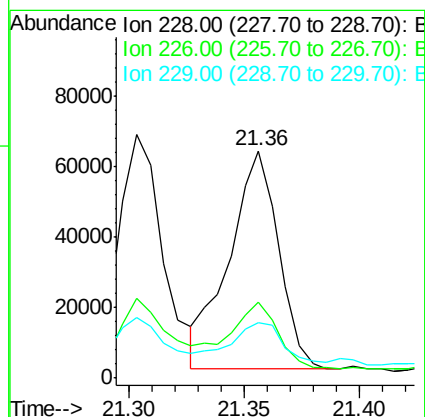
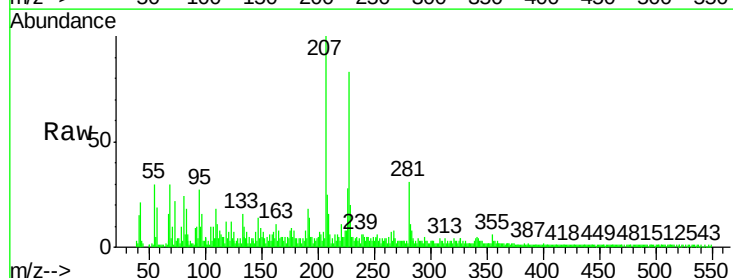
RT: 21.36 min Scan# 3191

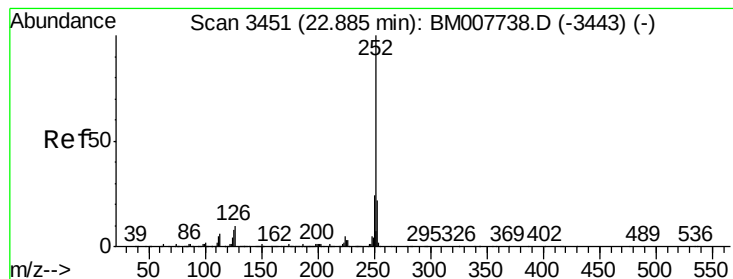
Delta R.T. 0.01 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

Tgt Ion:	228	Resp:	92502
Ion Ratio	Lower	Upper	
228	100		
226	33.2	23.4	35.2
229	24.6	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 2.48 ng/ul

RT: 22.90 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

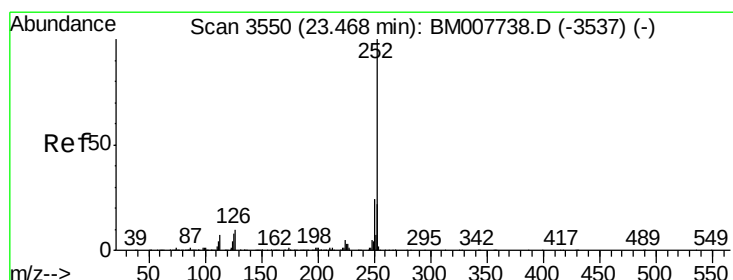
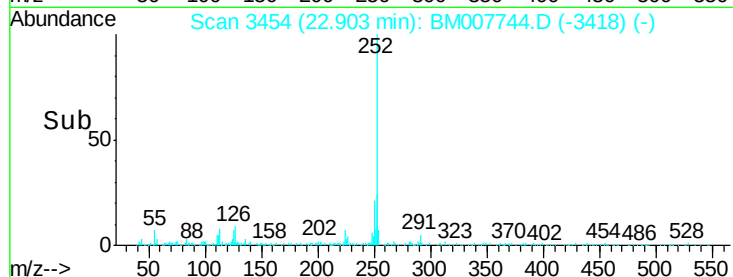
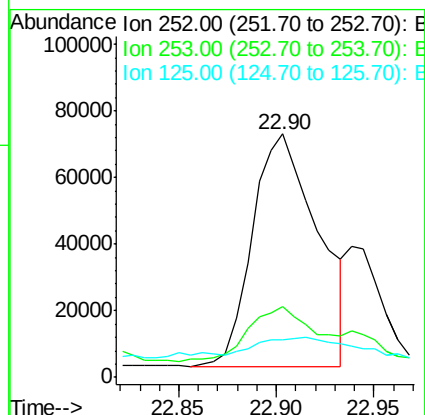
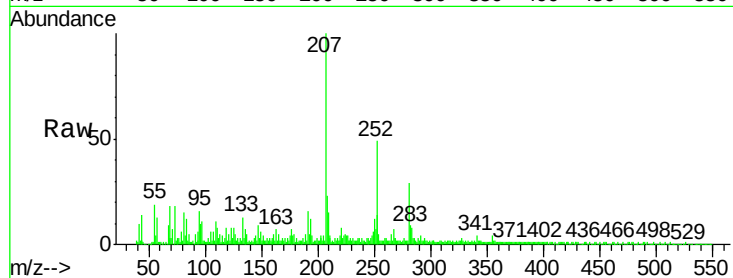
Instrument :

BNA_M

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Tgt Ion:	252	Resp:	162945
Ion Ratio	Lower	Upper	
252	100		
253	28.9	17.1	25.7#
125	15.4	5.8	8.8#



#88

Benzo(a)pyrene

Concen: 1.68 ng/ul

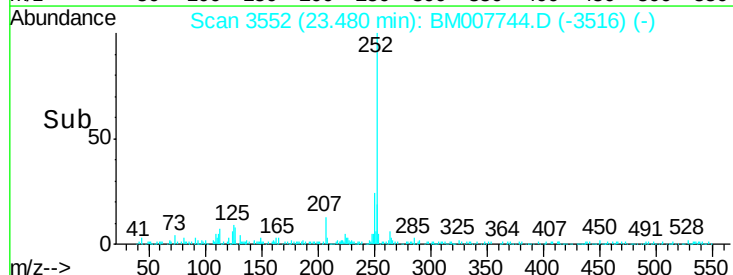
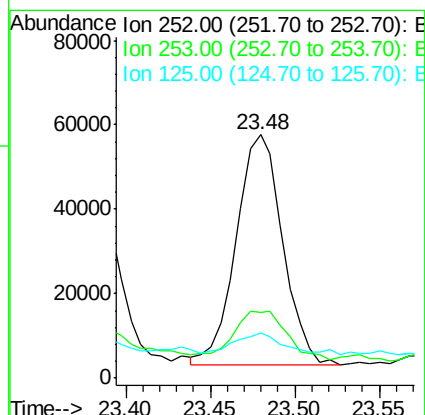
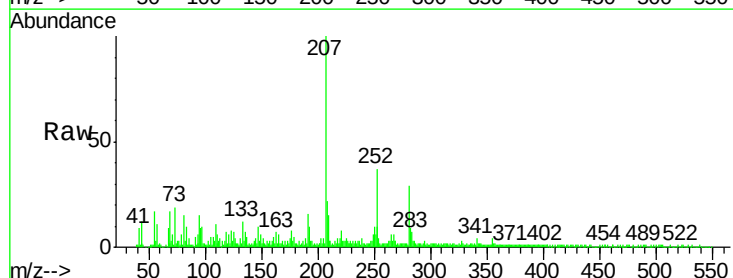
RT: 23.48 min Scan# 3552

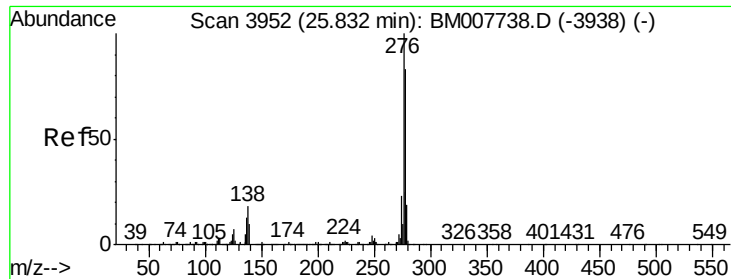
Delta R.T. 0.01 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

Tgt Ion:	252	Resp:	103977
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.7	26.5#
125	18.4	6.6	9.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.15 ng/ul

RT: 25.85 min Scan# 3955

Delta R.T. 0.02 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

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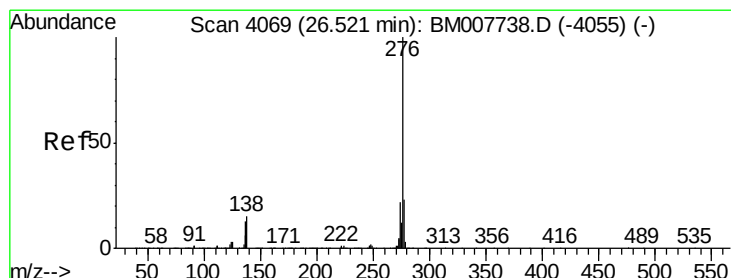
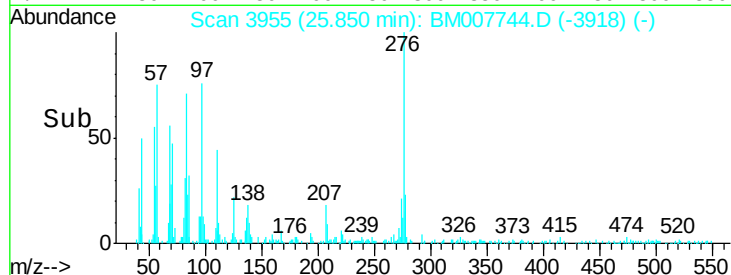
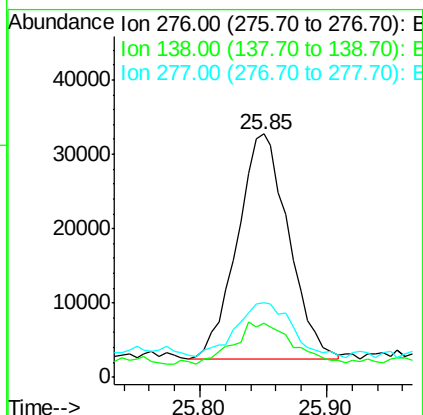
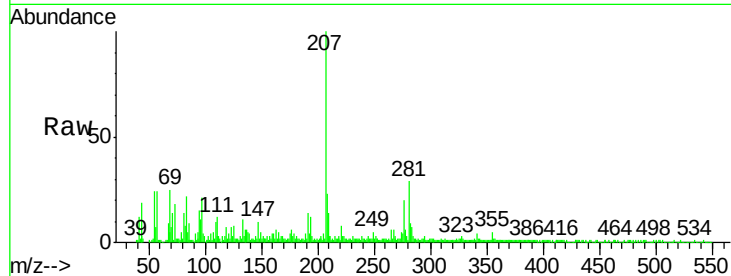
Tgt Ion:276 Resp: 85417

Ion Ratio Lower Upper

276 100

138 22.4 13.9 20.9#

277 30.4 20.1 30.1#



#91

Benzo(g,h,i)perylene

Concen: 1.25 ng/ul

RT: 26.56 min Scan# 4075

Delta R.T. 0.02 min

Lab File: BM007744.D

Acq: 28 Oct 2016 15:50

Tgt Ion:276 Resp: 78058

Ion Ratio Lower Upper

276 100

138 19.5 13.5 20.3

277 29.6 19.3 28.9#

