

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007745.D
 Acq On : 28 Oct 2016 16:25
 Operator : UM/SJ
 Sample : H5442-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS012-0003-01

Quant Time: Oct 28 19:10:18 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	180951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	696744	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	444899	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	878696	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1078880	20.00	ng/ul	0.00
83) Perylene-d12	23.58	264	1120045	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	15173	3.59	ng/uL	0.01
5) Phenol-d5	6.93	99	293165	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	169421	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	233462	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	228165	20.88	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	109480	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	121610	22.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	232390	22.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	269734	22.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	716479	23.65	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	846522	23.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	97303	20.31	ng/ul	0.01
57) Fluorene-d10	15.38	176	618670	23.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	72152	13.82	ng/ul	0.01
70) Anthracene-d10	17.23	188	968919	24.47	ng/ul	0.00
76) Pyrene-d10	19.53	212	1119141	25.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	1208214	24.71	ng/ul	0.00

Target Compounds

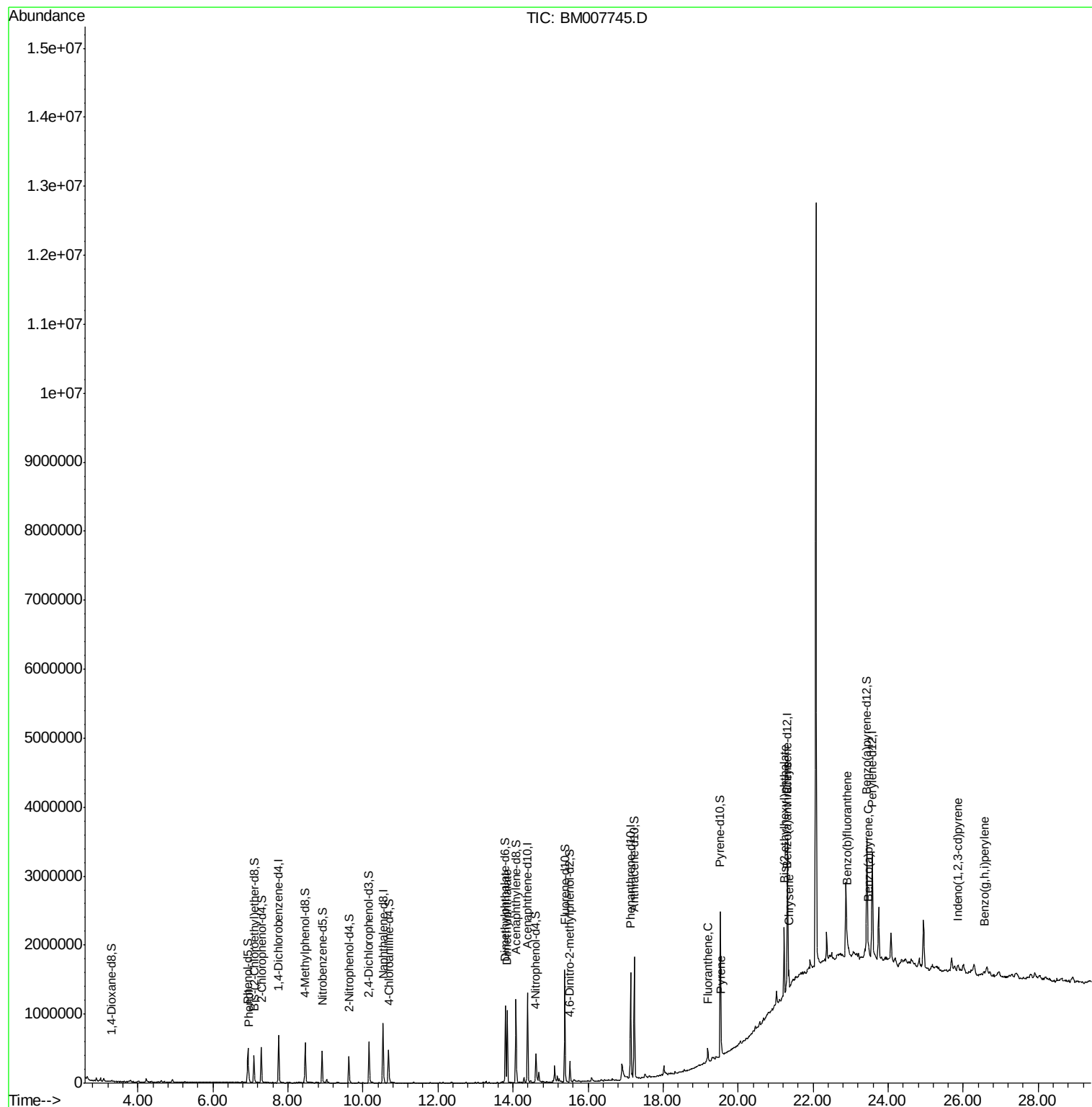
						Qvalue
6) Phenol	6.96	94	40889	2.85	ng/ul	99
44) Dimethylphthalate	13.84	163	648825	22.06	ng/ul	100
74) Fluoranthene	19.20	202	114958	2.10	ng/ul	99
77) Pyrene	19.56	202	109092	1.96	ng/ul	98
80) Benzo(a)anthracene	21.30	228	69448	1.20	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.23	149	327312	11.21	ng/ul	99
82) Chrysene	21.36	228	73568	1.33	ng/ul#	90
85) Benzo(b)fluoranthene	22.90	252	143454	2.24	ng/ul#	80
88) Benzo(a)pyrene	23.48	252	81086	1.35	ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	25.86	276	74906	1.04	ng/ul	91
91) Benzo(g,h,i)perylene	26.56	276	77299	1.27	ng/ul#	94

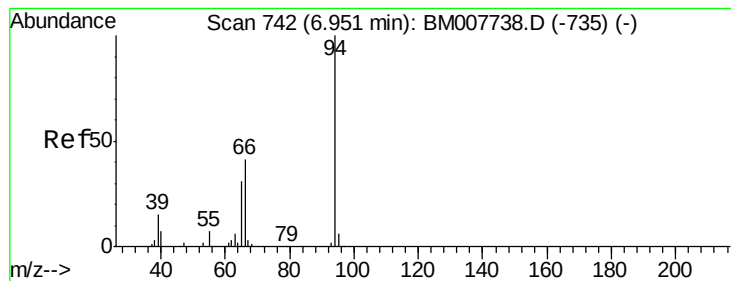
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
Data File : BM007745.D
Acq On : 28 Oct 2016 16:25
Operator : UM/SJ
Sample : H5442-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PRERV-SS012-0003-01

Quant Time: Oct 28 19:10:18 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





#6

Phenol

Concen: 2.85 ng/ul

RT: 6.96 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-0003-01

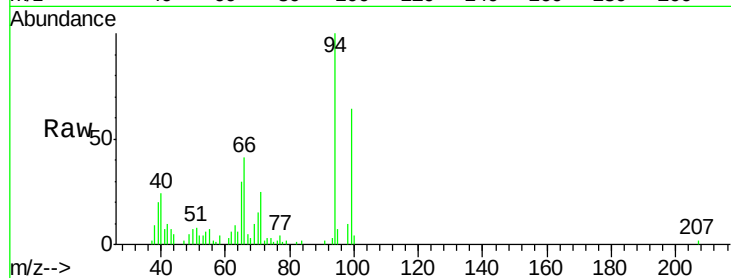
Tgt Ion: 94 Resp: 40889

Ion Ratio Lower Upper

94 100

65 30.3 23.9 35.9

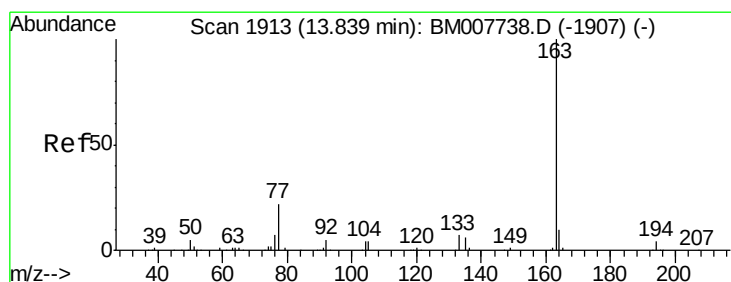
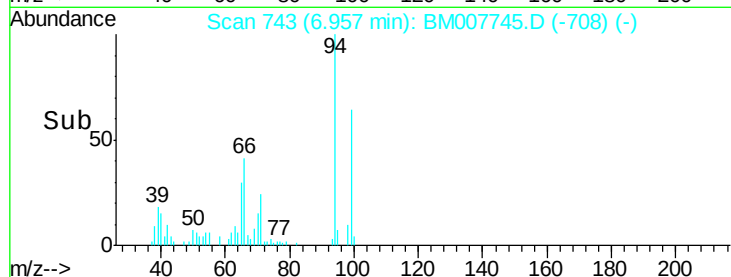
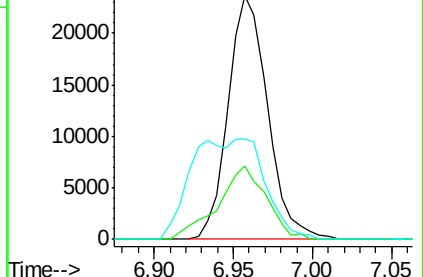
66 41.3 33.5 50.3



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: 22.06 ng/ul

RT: 13.84 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

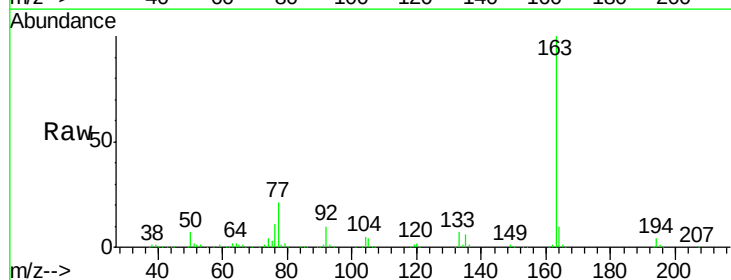
Tgt Ion: 163 Resp: 648825

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

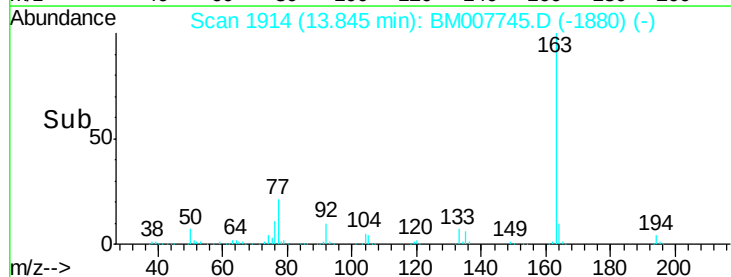
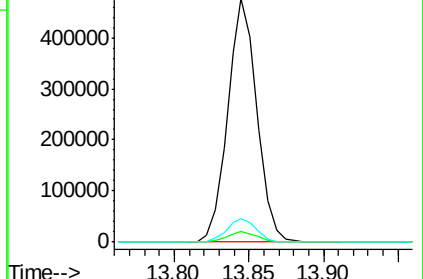
164 9.8 7.8 11.8

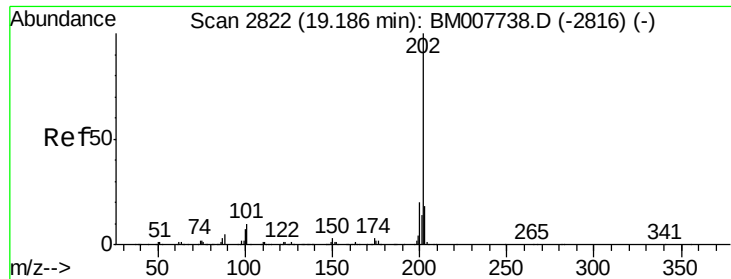


Abundance Ion 163.00 (162.70 to 163.70): BM007738.D (-1907) (-)

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: 2.10 ng/ul

RT: 19.20 min Scan# 2824

Delta R.T. 0.01 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

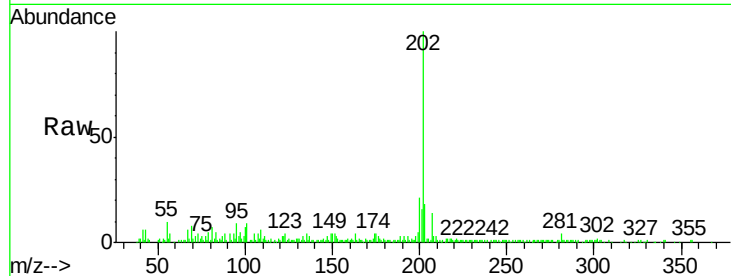
Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-0003-01

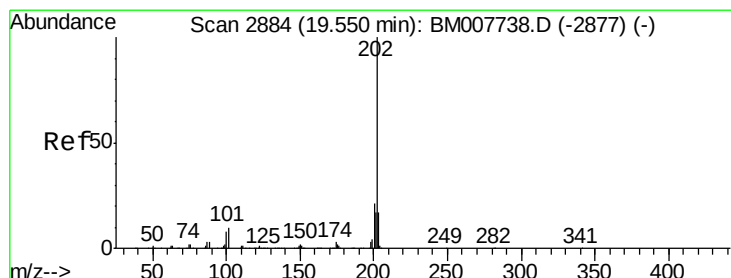
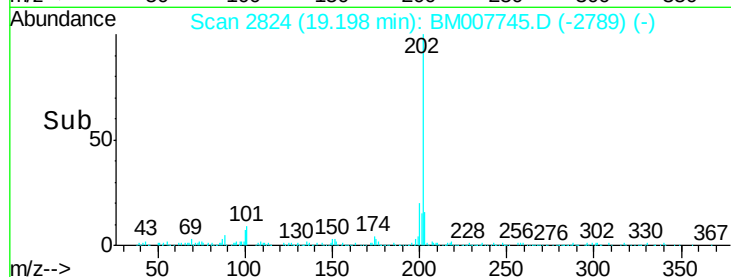
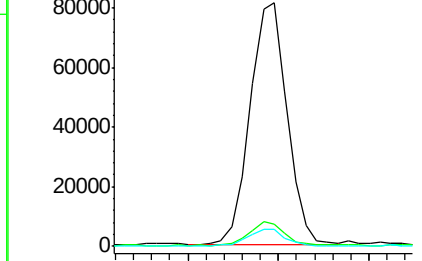
Tgt Ion:	202	Resp:	114958
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.9	10.3
100	6.8	5.4	8.0



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: 1.96 ng/ul

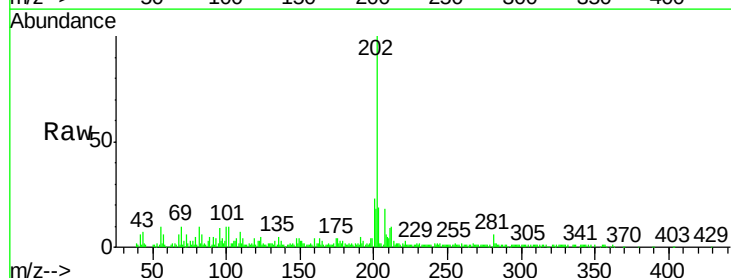
RT: 19.56 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

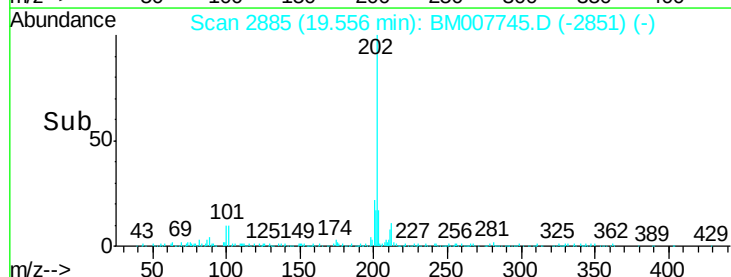
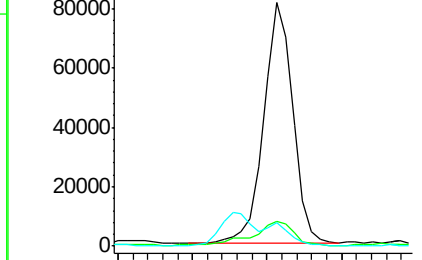
Tgt Ion:	202	Resp:	109092
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.4	12.6
100	9.9	6.9	10.3

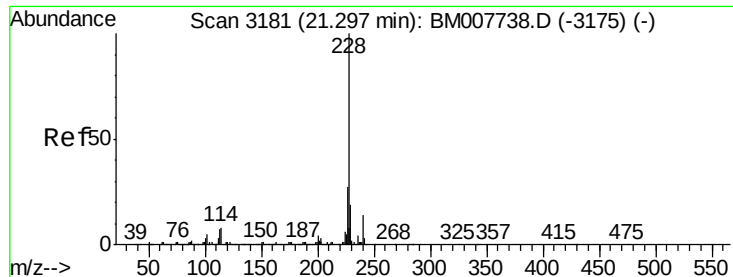


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.20 ng/ul

RT: 21.30 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-0003-01

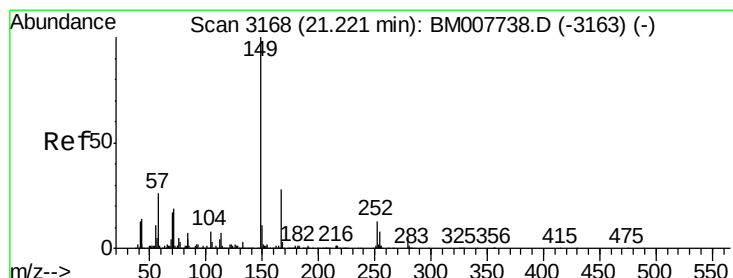
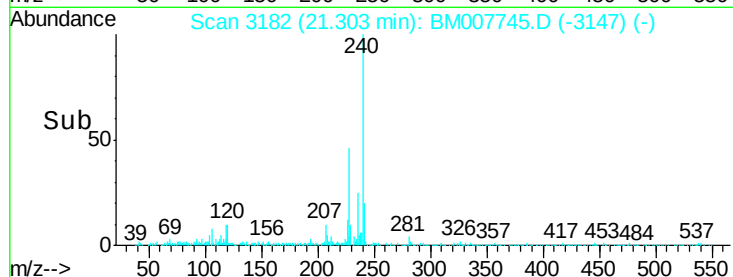
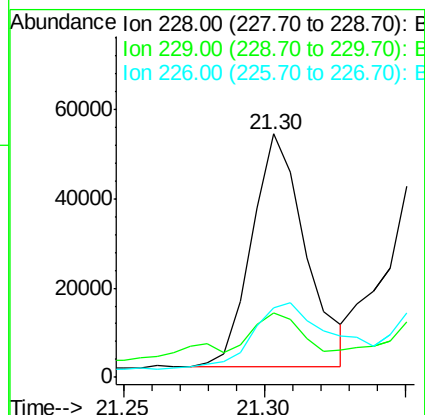
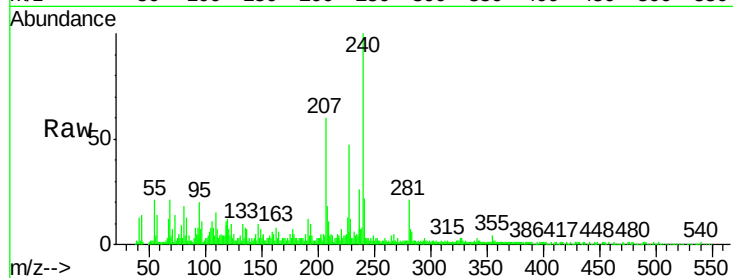
Tgt Ion:228 Resp: 69448

Ion Ratio Lower Upper

228 100

229 26.6 15.6 23.4#

226 28.6 21.8 32.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 11.21 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

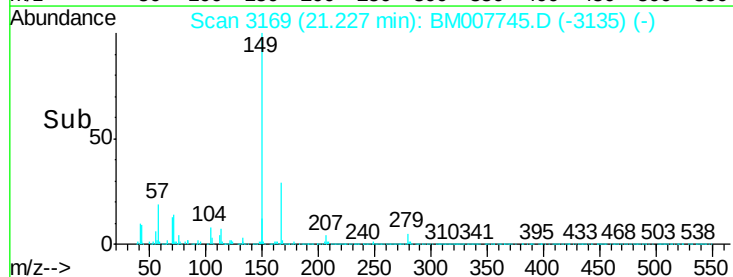
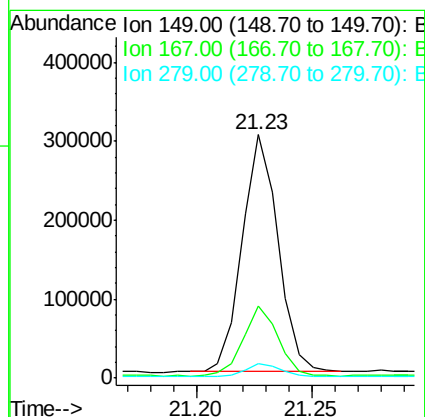
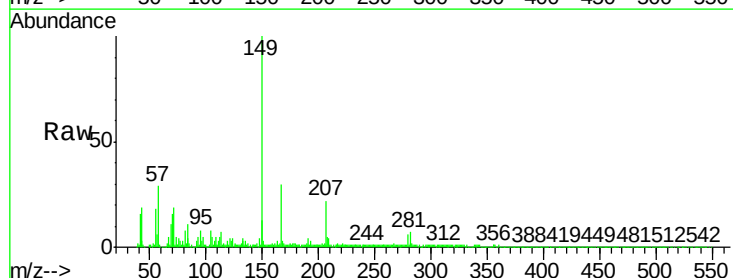
Tgt Ion:149 Resp: 327312

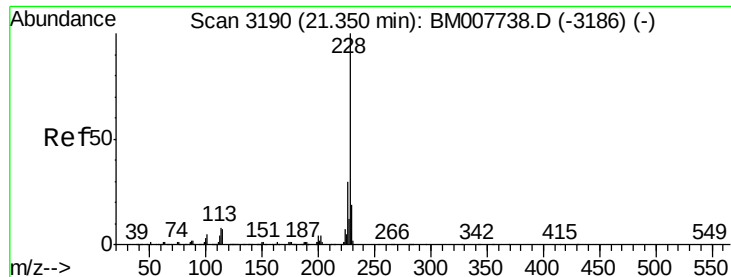
Ion Ratio Lower Upper

149 100

167 29.7 23.2 34.8

279 5.7 4.1 6.1





#82

Chrysene

Concen: 1.33 ng/ul

RT: 21.36 min Scan# 3191

Delta R.T. 0.01 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-0003-01

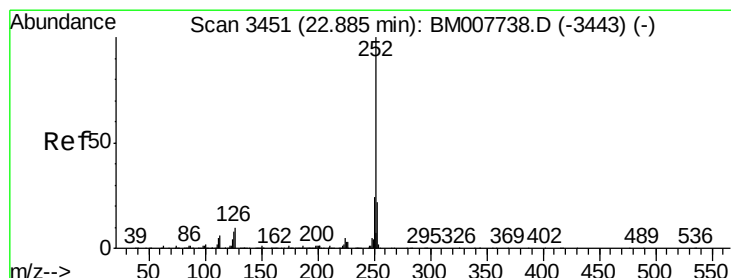
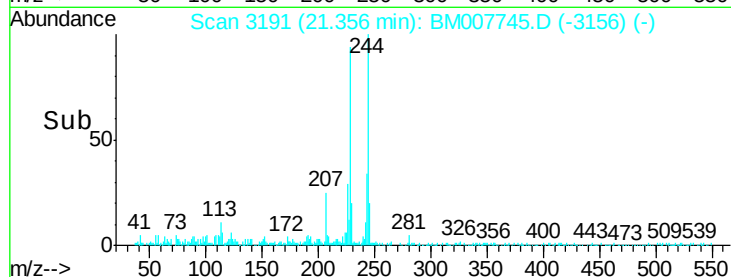
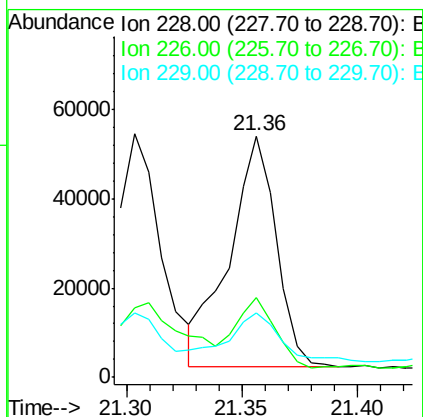
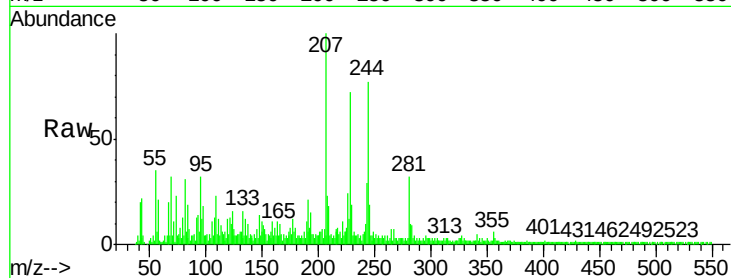
Tgt Ion:228 Resp: 73568

Ion Ratio Lower Upper

228 100

226 32.9 23.4 35.2

229 26.5 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 2.24 ng/ul

RT: 22.90 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

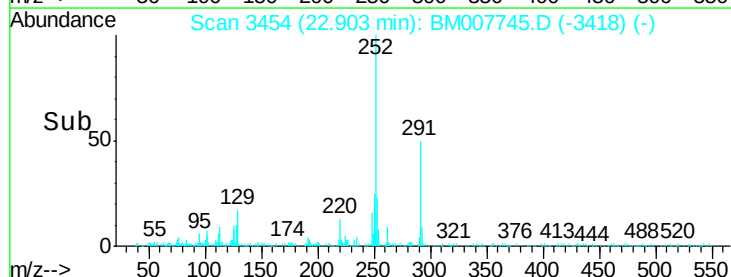
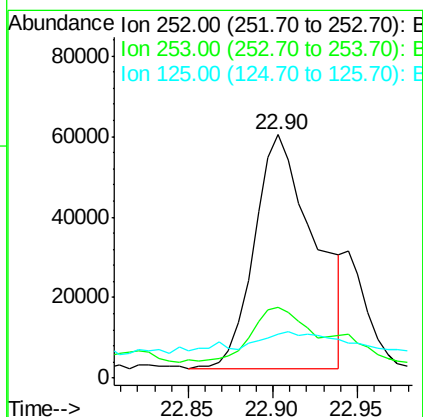
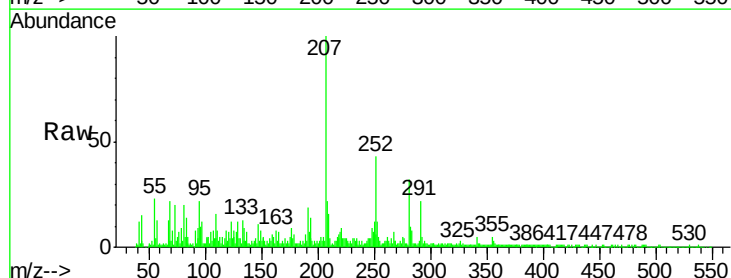
Tgt Ion:252 Resp: 143454

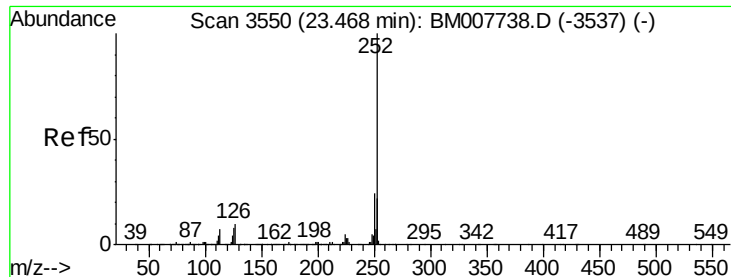
Ion Ratio Lower Upper

252 100

253 28.9 17.1 25.7#

125 17.9 5.8 8.8#





#88

Benzo(a)pyrene

Concen: 1.35 ng/ul

RT: 23.48 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-0003-01

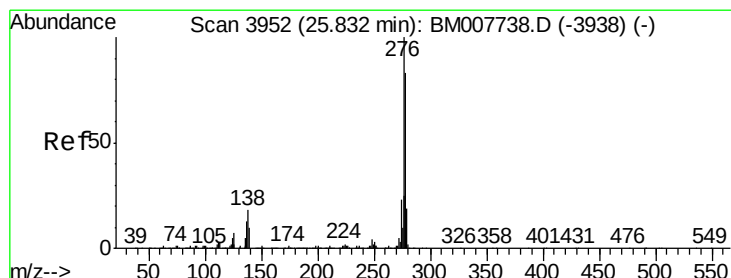
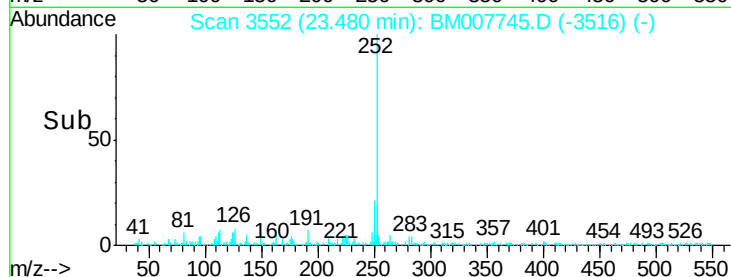
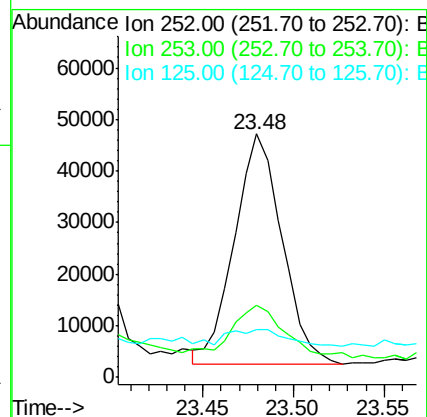
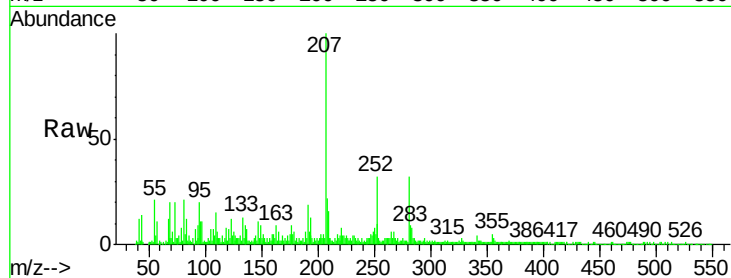
Tgt Ion:252 Resp: 81086

Ion Ratio Lower Upper

252 100

253 29.8 17.7 26.5#

125 19.7 6.6 9.8#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.04 ng/ul

RT: 25.86 min Scan# 3957

Delta R.T. 0.03 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

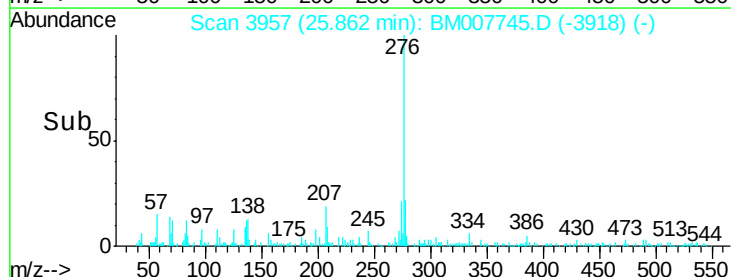
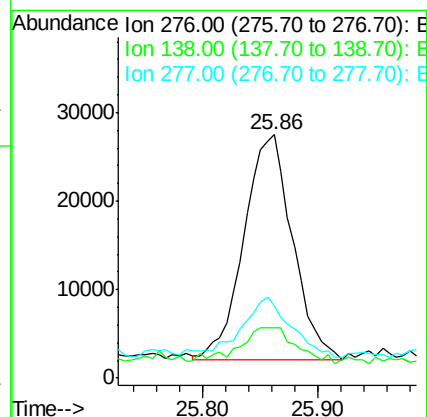
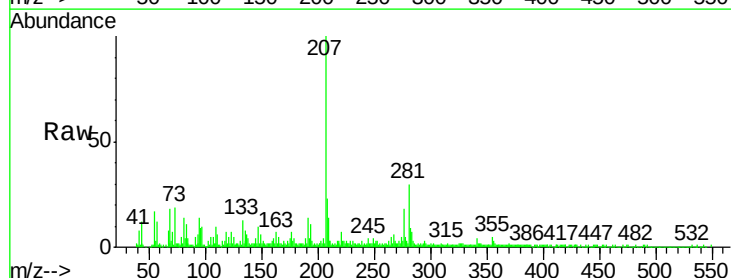
Tgt Ion:276 Resp: 74906

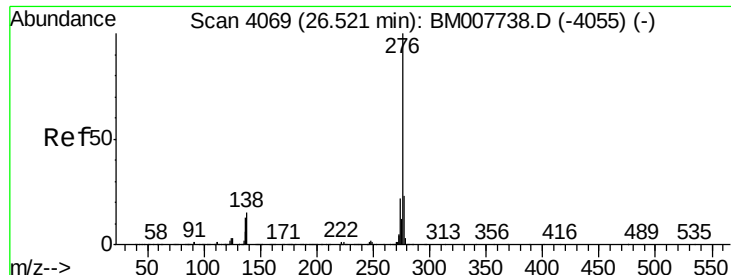
Ion Ratio Lower Upper

276 100

138 20.6 13.9 20.9

277 29.8 20.1 30.1





#91

Benzo(g,h,i)perylene

Concen: 1.27 ng/ul

RT: 26.56 min Scan# 4076

Delta R.T. 0.03 min

Lab File: BM007745.D

Acq: 28 Oct 2016 16:25

Instrument :

BNA_M

ClientSampleId :

PRERV-SS012-0003-01

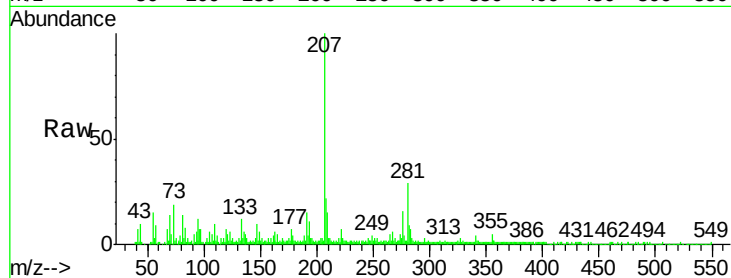
Tgt Ion:276 Resp: 77299

Ion Ratio Lower Upper

276 100

138 20.6 13.5 20.3#

277 26.5 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

