

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007741.D
 Acq On : 28 Oct 2016 14:04
 Operator : UM/SJ
 Sample : H5441-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS009-0003-01

Manual Integrations
 APPROVED

UMANGI
 10/28/2016 8:04:24 PM

Quant Time: Oct 28 14:47:50 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	184722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	701514	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	434332	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	832423	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1017375	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1073106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13050	3.03	ng/uL	0.00
5) Phenol-d5	6.92	99	244481	17.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	149601	17.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	200572	18.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	180519	16.18	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	90686	17.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	96969	18.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	183329	17.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	182666	15.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	568584	19.23	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	671966	18.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	54975	11.76	ng/ul	0.00
57) Fluorene-d10	15.38	176	498383	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	57356	11.60	ng/ul	0.00
70) Anthracene-d10	17.23	188	741591	19.77	ng/ul	0.00
76) Pyrene-d10	19.52	212	851890	20.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	932654	19.91	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.95	94	26828	1.83	ng/ul	97
44) Dimethylphthalate	13.84	163	456838	15.91	ng/ul	99
74) Fluoranthene	19.19	202	97013	1.87	ng/ul	96
77) Pyrene	19.55	202	93073	1.77	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	50291	1.83	ng/ul#	98
82) Chrysene	21.35	228	54232m	1.04	ng/ul	
85) Benzo(b)fluoranthene	22.90	252	87887	1.43	ng/ul#	78
91) Benzo(g,h,i)perylene	26.54	276	66359	1.14	ng/ul#	84

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

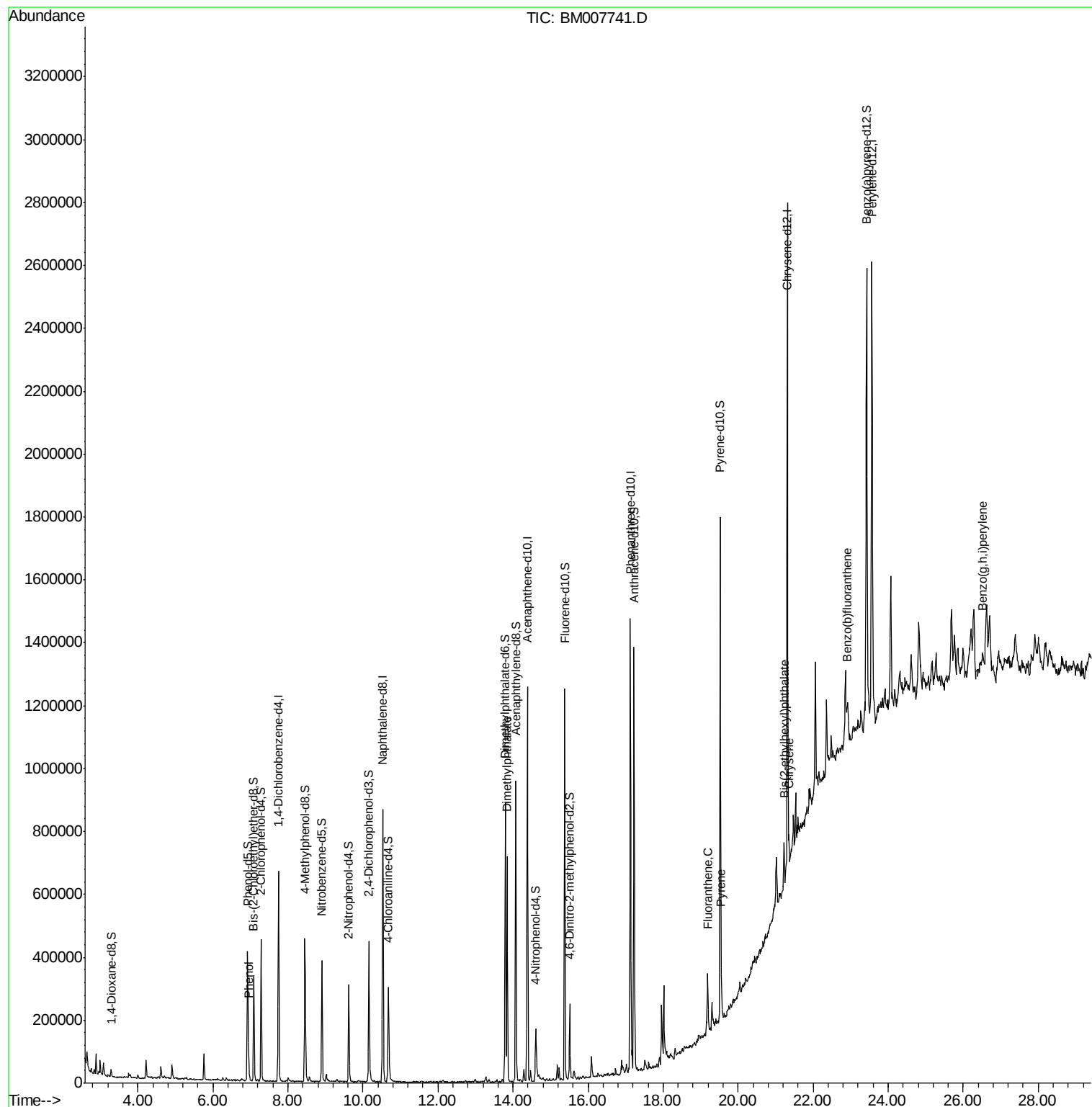
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
Data File : BM007741.D
Acq On : 28 Oct 2016 14:04
Operator : UM/SJ
Sample : H5441-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

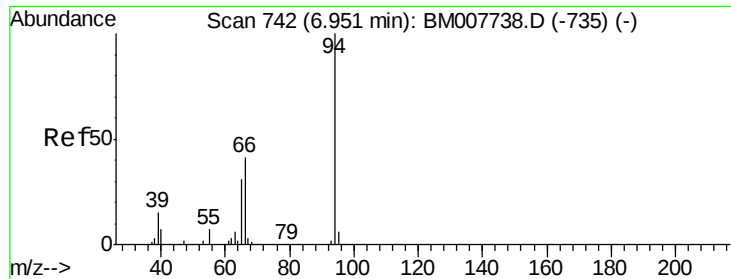
Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-0003-01

Quant Time: Oct 28 14:47:50 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

Manual Integrations
APPROVED

UMANGI
10/28/2016 8:04:24 PM





#6

Phenol

Concen: 1.83 ng/ul

RT: 6.95 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM007741.D

Acq: 28 Oct 2016 14:04

Instrument :

BNA_M

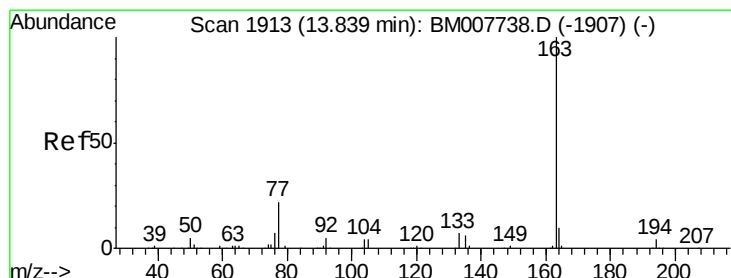
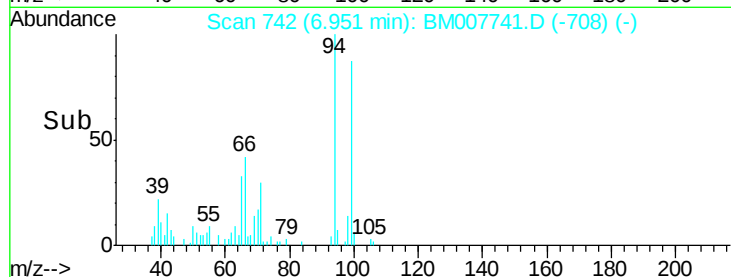
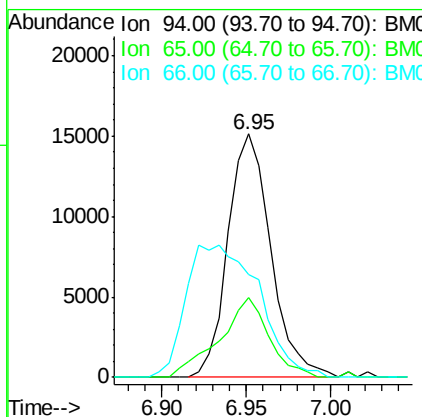
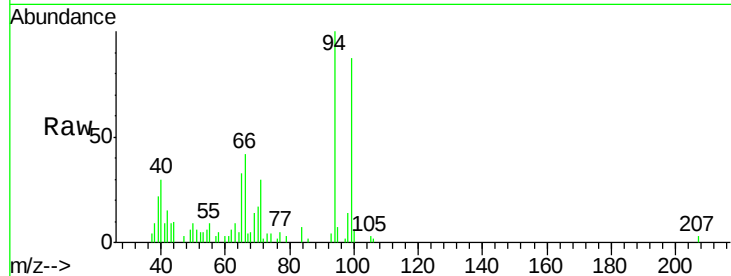
ClientSampleId :

PRERV-SS009-0003-01

Tgt Ion:	94	Resp:	26828
Ion	Ratio	Lower	Upper
94	100		
65	32.6	23.9	35.9
66	42.5	33.5	50.3

Manual Integrations
APPROVED

UMANGI
10/28/2016 8:04:24 PM



#44

Dimethylphthalate

Concen: 15.91 ng/ul

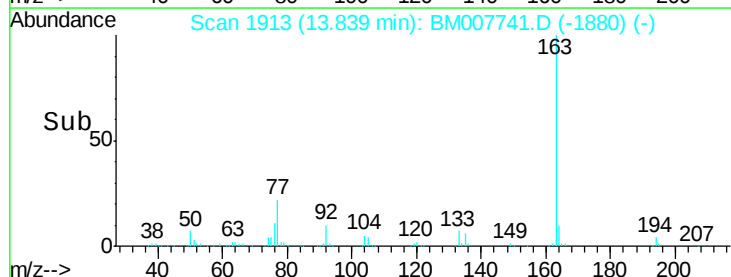
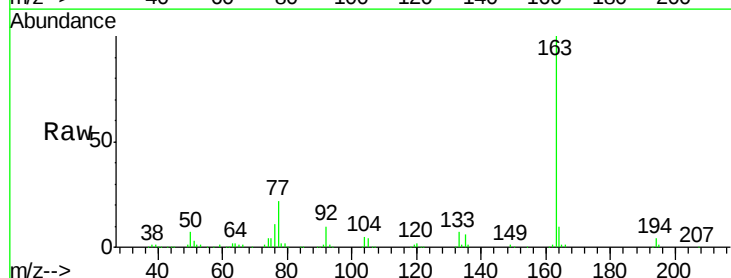
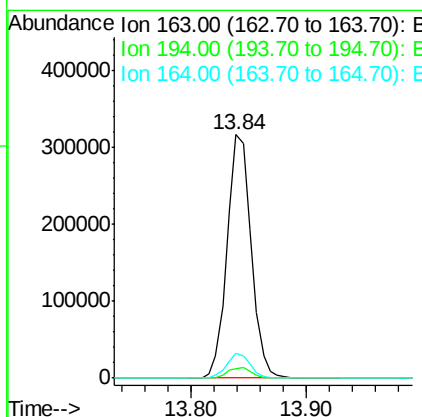
RT: 13.84 min Scan# 1913

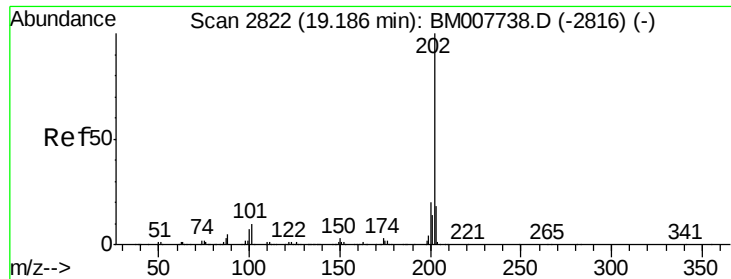
Delta R.T. -0.01 min

Lab File: BM007741.D

Acq: 28 Oct 2016 14:04

Tgt Ion:	163	Resp:	456838
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.4	7.8	11.8





#74

Fluoranthene

Concen: 1.87 ng/ul

RT: 19.19 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM007741.D

Acq: 28 Oct 2016 14:04

Instrument :

BNA_M

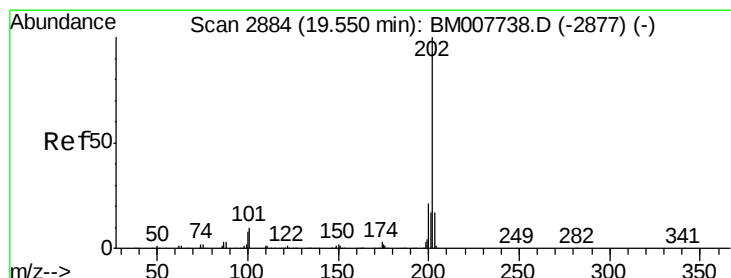
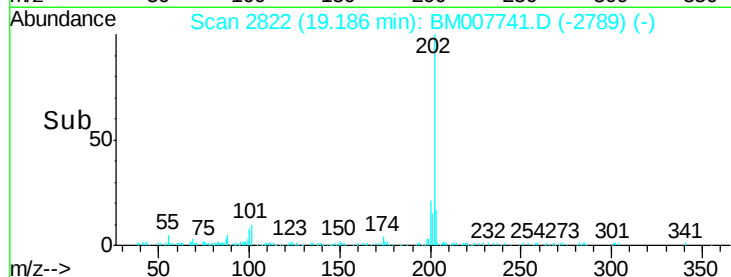
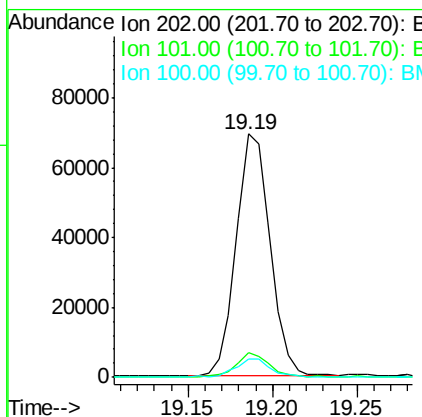
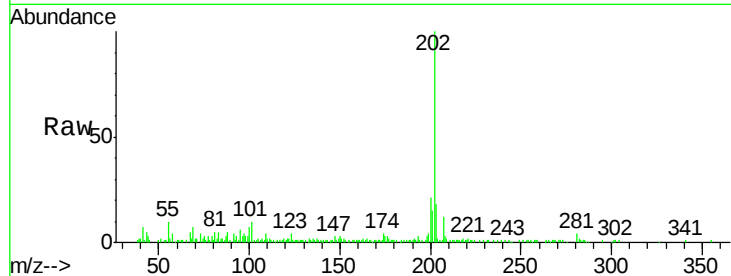
ClientSampleId :

PRERV-SS009-0003-01

Tgt Ion:	202	Resp:	97013
Ion Ratio	Lower	Upper	
202	100		
101	10.3	6.9	10.3
100	7.5	5.4	8.0

Manual Integrations
APPROVED

UMANGI
10/28/2016 8:04:24 PM



#77

Pyrene

Concen: 1.77 ng/ul

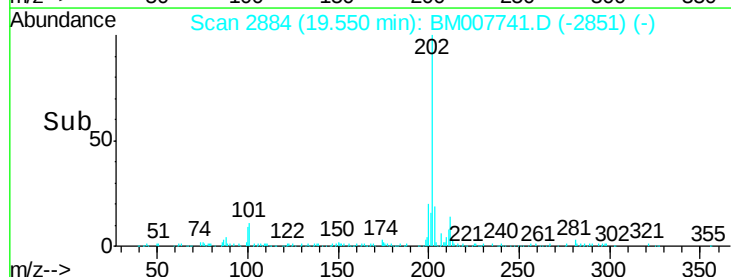
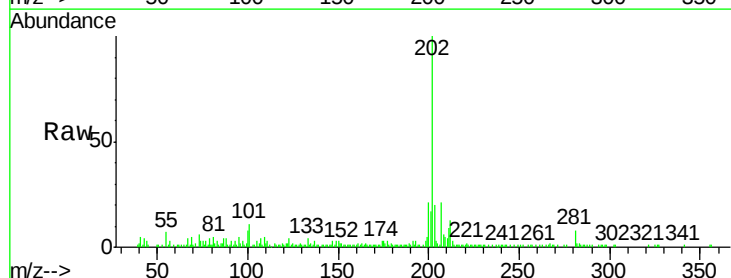
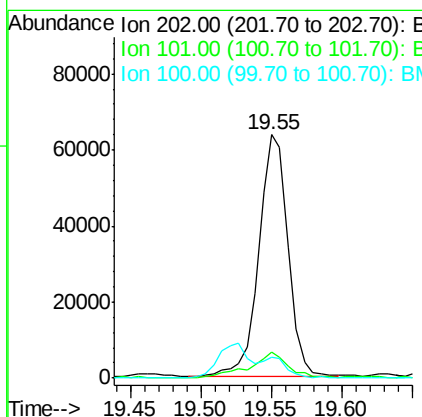
RT: 19.55 min Scan# 2884

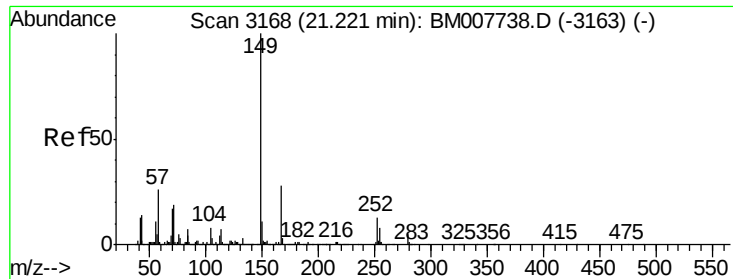
Delta R.T. -0.01 min

Lab File: BM007741.D

Acq: 28 Oct 2016 14:04

Tgt Ion:	202	Resp:	93073
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.4	12.6
100	8.4	6.9	10.3





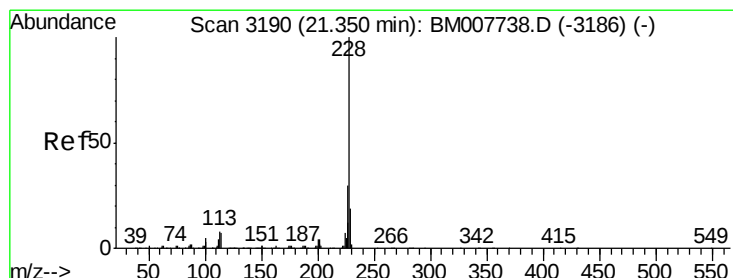
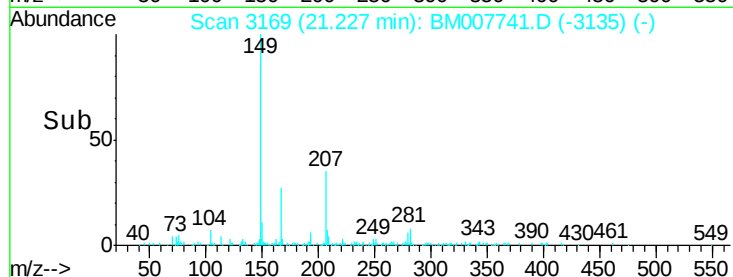
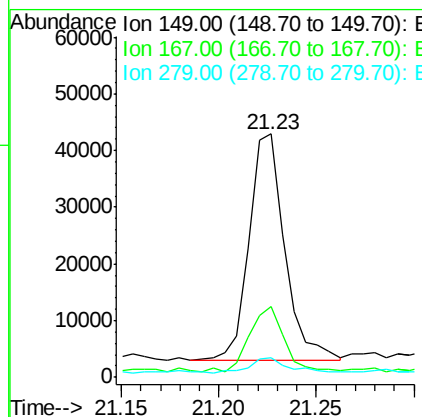
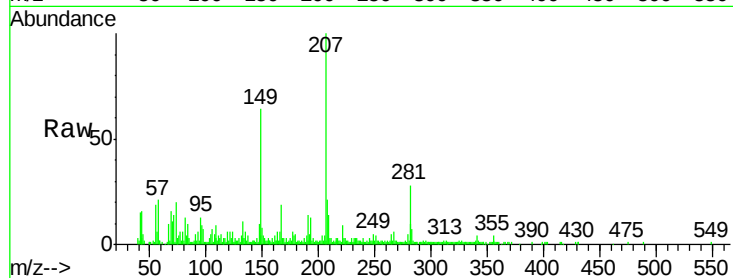
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.83 ng/ul
 RT: 21.23 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BM007741.D
 Acq: 28 Oct 2016 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS009-0003-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.1	23.2	34.8
279	8.3	4.1	6.1

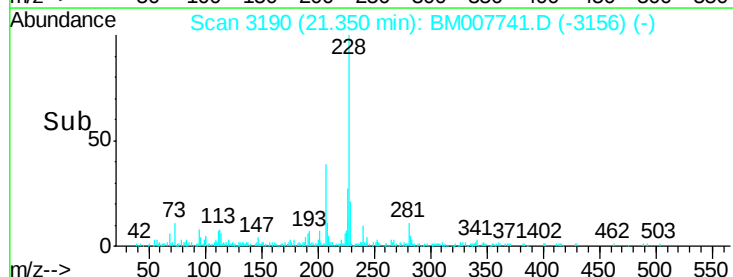
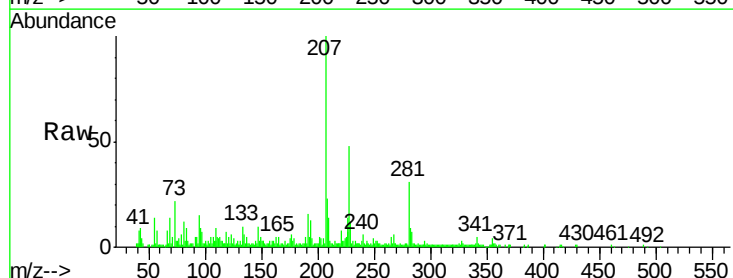
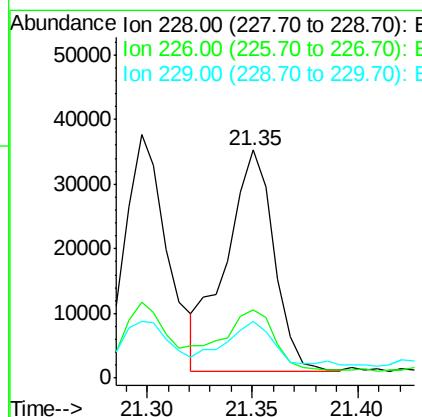
Manual Integrations
 APPROVED

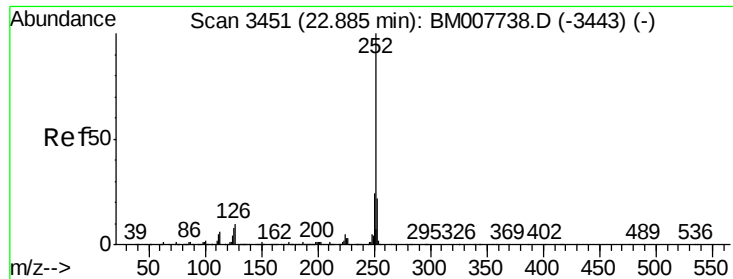
UMANGI
 10/28/2016 8:04:24 PM



#82
 Chrysene
 Concen: 1.04 ng/ul m
 RT: 21.35 min Scan# 3190
 Delta R.T. -0.00 min
 Lab File: BM007741.D
 Acq: 28 Oct 2016 14:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	23.4	35.2
229	25.1	15.5	23.3





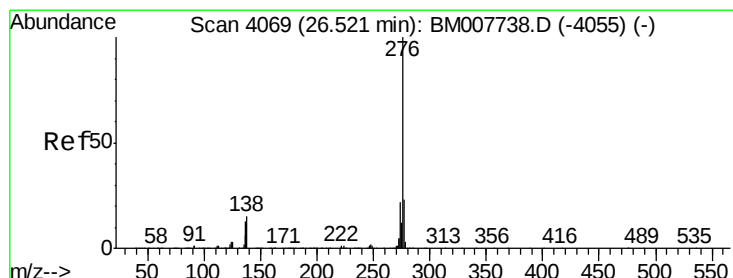
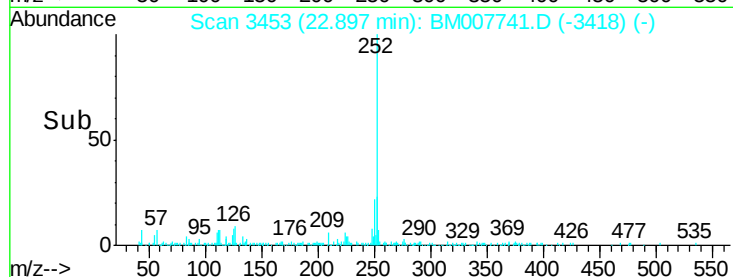
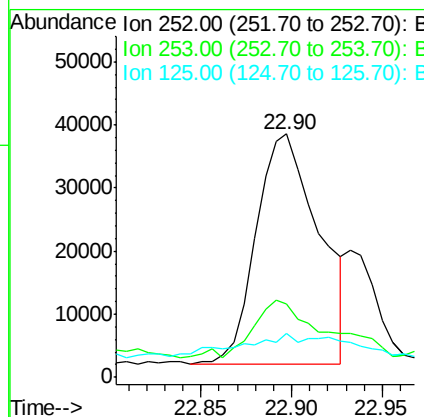
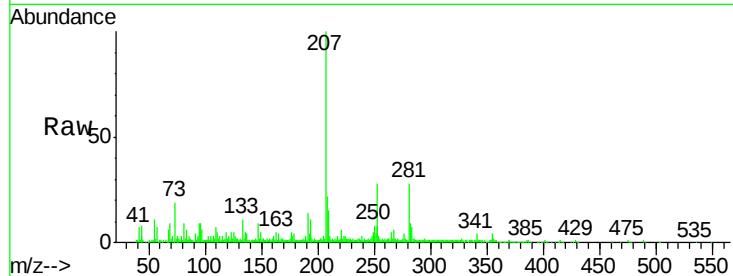
#85
Benzo(b)fluoranthene
Concen: 1.43 ng/ul
RT: 22.90 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM007741.D
Acq: 28 Oct 2016 14:04

Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-0003-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.1	25.7#
125	17.9	5.8	8.8#

Manual Integrations
APPROVED

UMANGI
10/28/2016 8:04:24 PM



#91
Benzo(g,h,i)perylene
Concen: 1.14 ng/ul
RT: 26.54 min Scan# 4072
Delta R.T. 0.01 min
Lab File: BM007741.D
Acq: 28 Oct 2016 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	13.5	20.3#
277	31.6	19.3	28.9#

