

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007743.D
 Acq On : 28 Oct 2016 15:14
 Operator : UM/SJ
 Sample : H5441-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS009-1218-01

Manual Integrations
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 10/28/2016 8:04:25 PM

Quant Time: Oct 28 18:02:36 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	209034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	803691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	500961	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	929028	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1106702	20.00	ng/ul	0.00
83) Perylene-d12	23.58	264	1169491	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	18602	3.81	ng/uL	0.00
5) Phenol-d5	6.93	99	372474	23.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	220036	22.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	302997	24.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	270199	21.40	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	144569	25.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	156138	25.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	291587	24.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	294490	21.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	881549	25.84	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1067051	25.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	106334	19.72	ng/ul	0.01
57) Fluorene-d10	15.38	176	755239	25.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	69208	12.54	ng/ul	0.01
70) Anthracene-d10	17.23	188	1110673	26.53	ng/ul	0.00
76) Pyrene-d10	19.53	212	1234804	27.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	1354409	26.53	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.96	94	46337	2.80	ng/ul	97
44) Dimethylphthalate	13.85	163	786744	23.75	ng/ul	100
69) Phenanthrene	17.17	178	146375	2.96	ng/ul	99
71) Anthracene	17.27	178	70249	1.40	ng/ul	98
74) Fluoranthene	19.19	202	278621	4.82	ng/ul	98
77) Pyrene	19.56	202	314141	5.49	ng/ul	99
80) Benzo(a)anthracene	21.30	228	192630	3.26	ng/ul	94
82) Chrysene	21.36	228	170784m	3.01	ng/ul	
85) Benzo(b)fluoranthene	22.90	252	275580	4.12	ng/ul#	85
86) Benzo(k)fluoranthene	22.94	252	72507m	1.18	ng/ul	
88) Benzo(a)pyrene	23.48	252	223042	3.54	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	25.85	276	144096	1.91	ng/ul#	91
91) Benzo(g,h,i)perylene	26.55	276	168488	2.66	ng/ul#	91

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

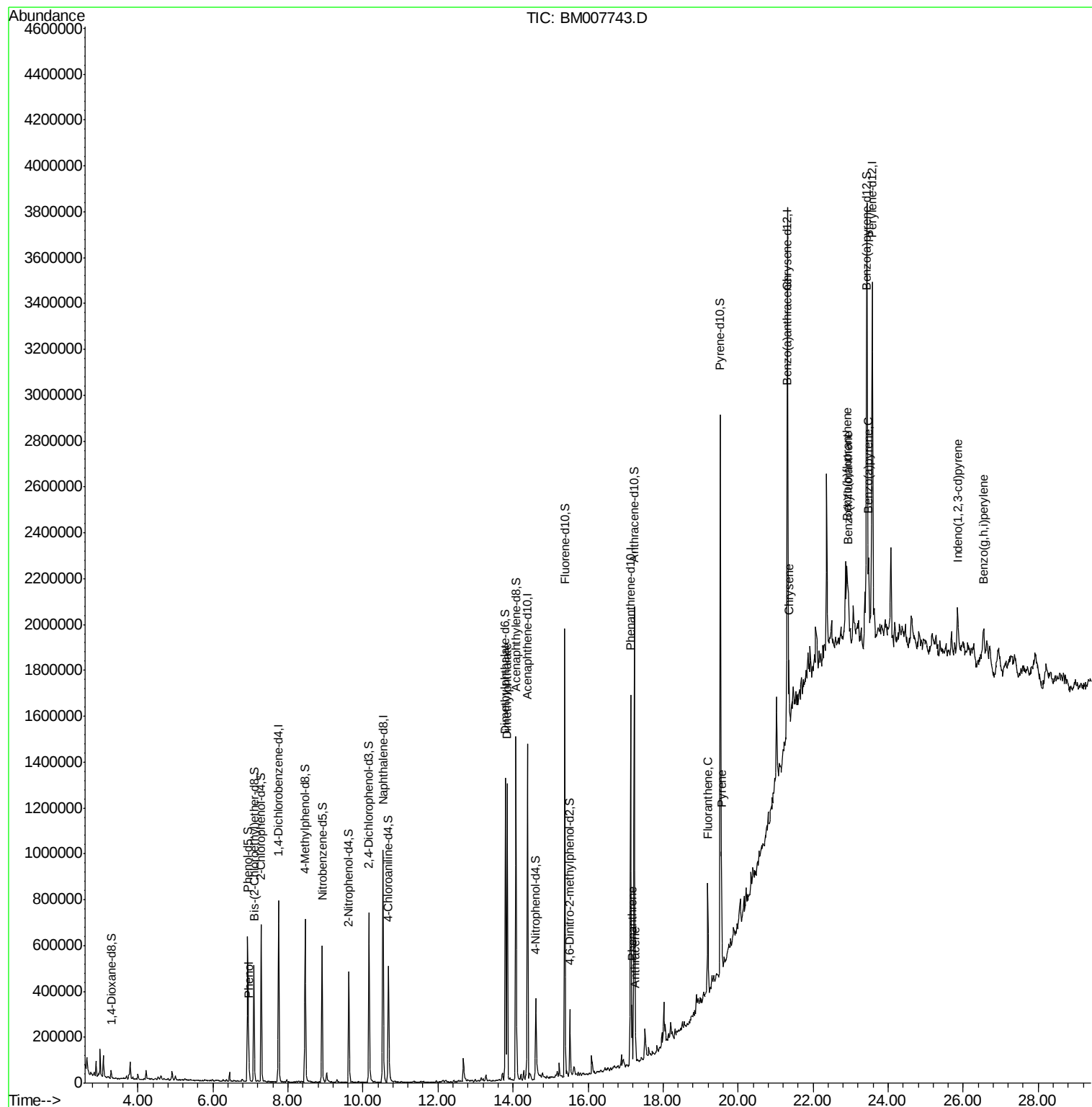
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
Data File : BM007743.D
Acq On : 28 Oct 2016 15:14
Operator : UM/SJ
Sample : H5441-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

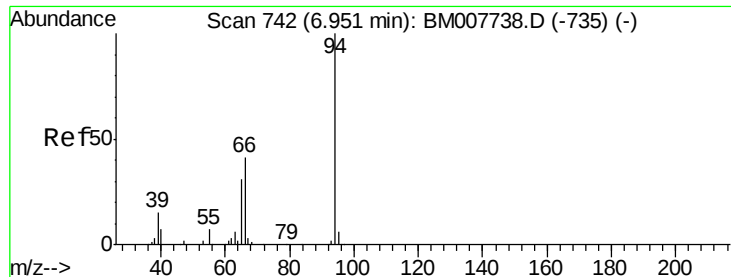
Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-1218-01

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Quant Time: Oct 28 18:02:36 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: 2.80 ng/ul

RT: 6.96 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM007743.D

Acq: 28 Oct 2016 15:14

Instrument :

BNA_M

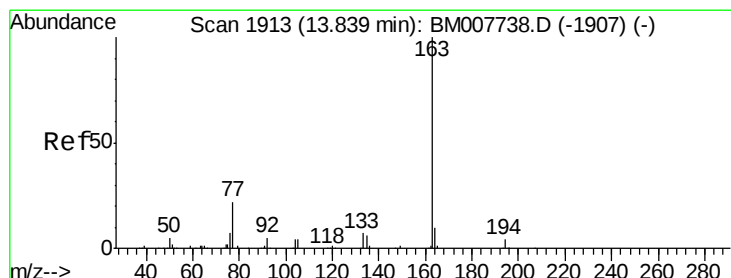
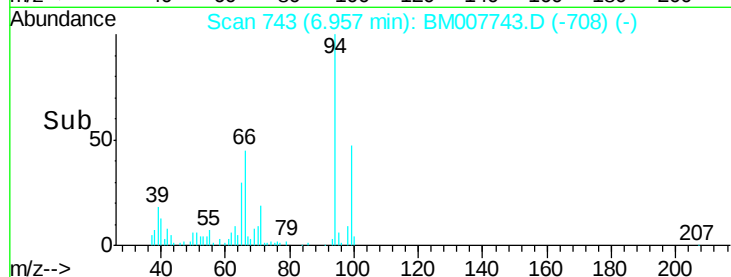
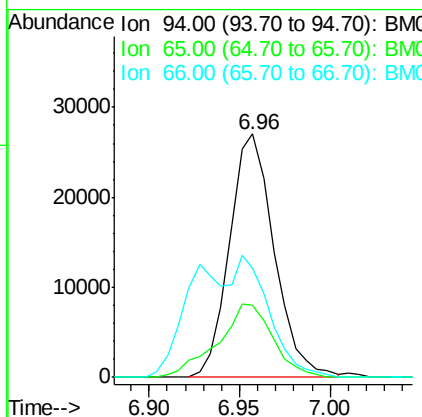
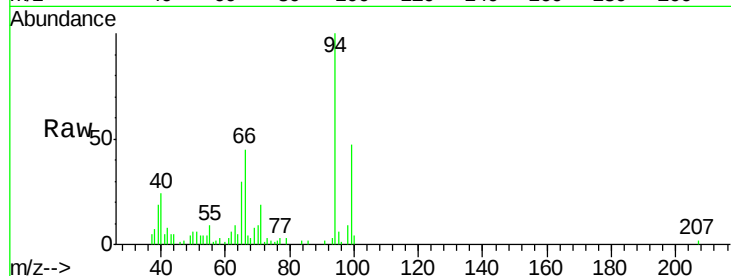
ClientSampleId :

PRERV-SS009-1218-01

Tgt Ion:	94	Resp:	46337
Ion	Ratio	Lower	Upper
94	100		
65	29.7	23.9	35.9
66	44.8	33.5	50.3

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#44

Dimethylphthalate

Concen: 23.75 ng/ul

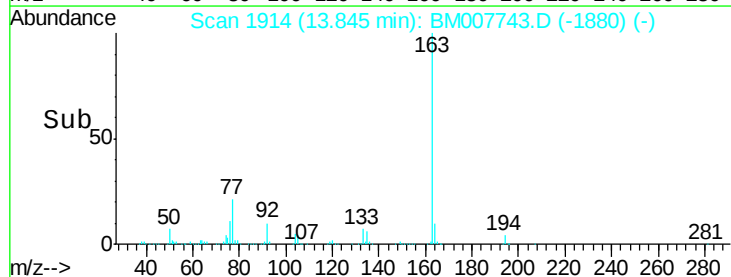
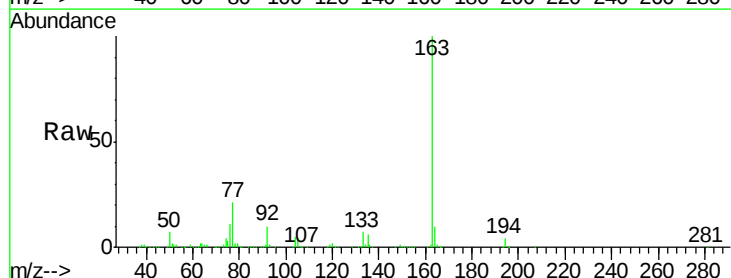
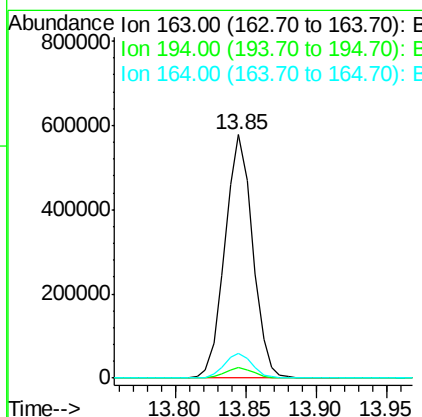
RT: 13.85 min Scan# 1914

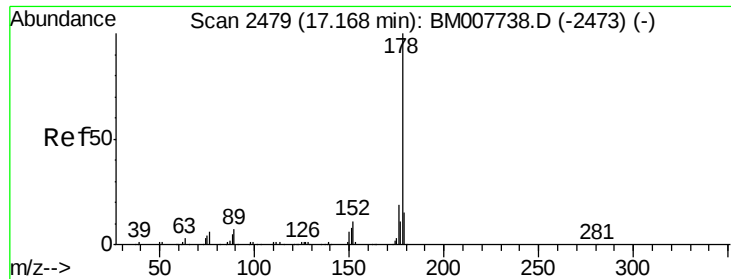
Delta R.T. -0.00 min

Lab File: BM007743.D

Acq: 28 Oct 2016 15:14

Tgt Ion:	163	Resp:	786744
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	7.8	11.8





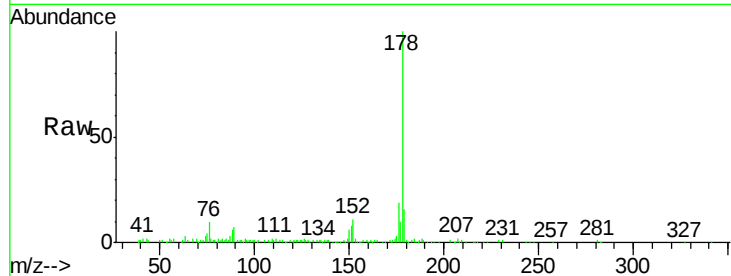
#69
Phenanthrene
Concen: 2.96 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	146375		
179	15.5	12.2	18.2	
176	18.7	15.1	22.7	

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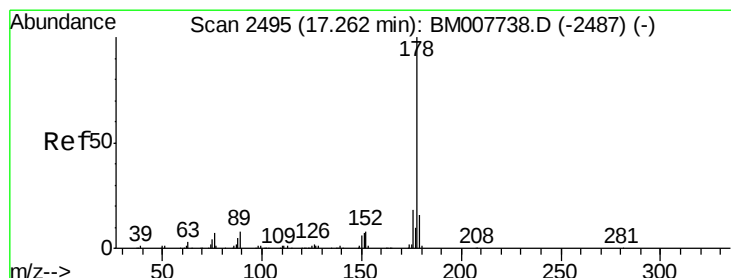
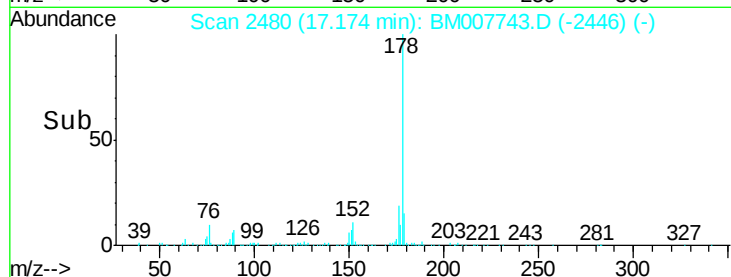
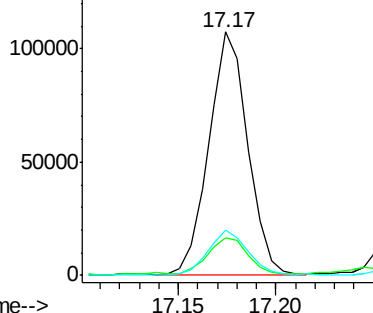


Abundance

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



#71
Anthracene
Concen: 1.40 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

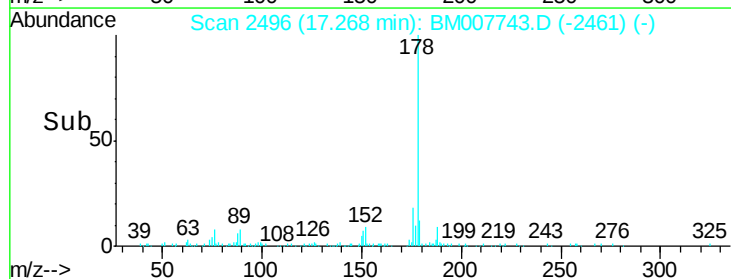
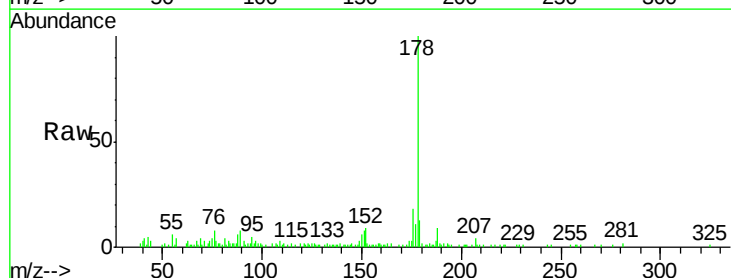
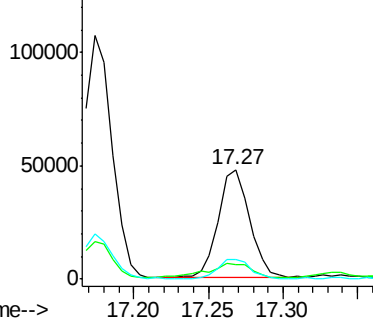
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	70249		
179	13.4	12.1	18.1	
176	18.2	14.5	21.7	

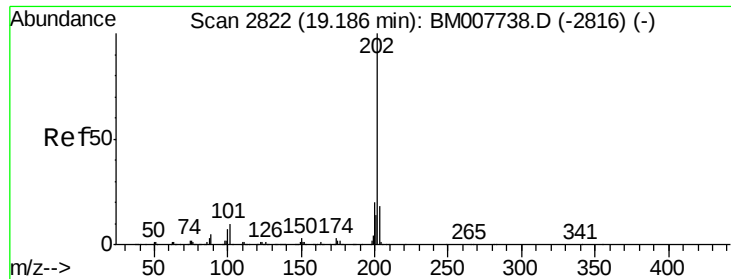
Abundance

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





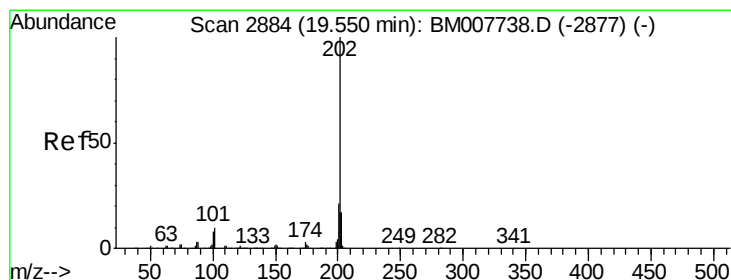
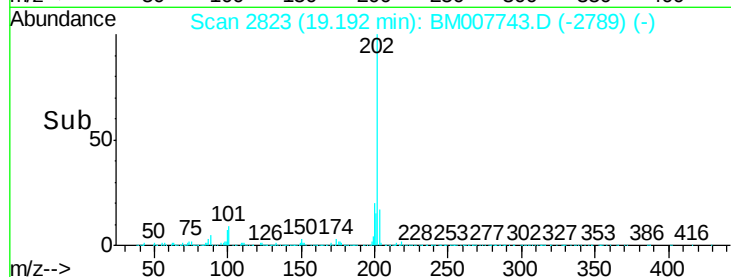
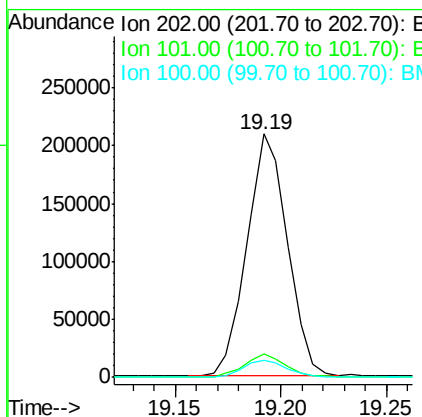
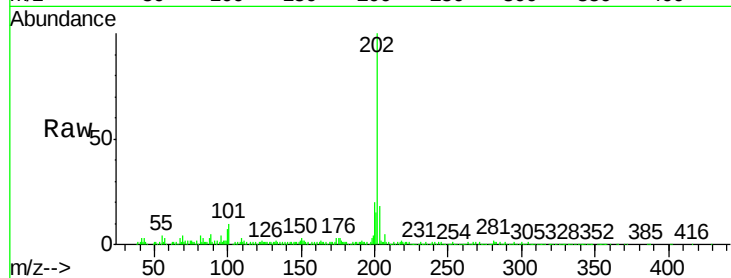
#74
Fluoranthene
Concen: 4.82 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	6.9	10.3
100	7.0	5.4	8.0

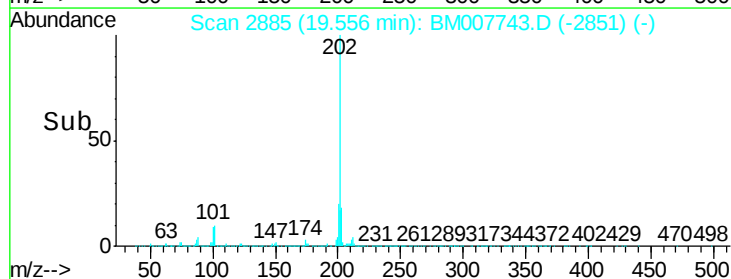
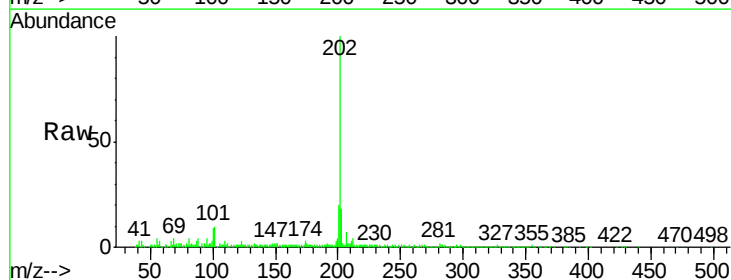
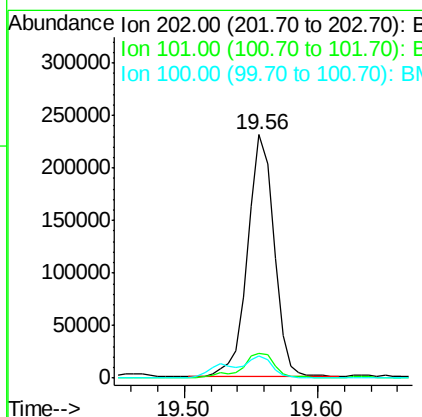
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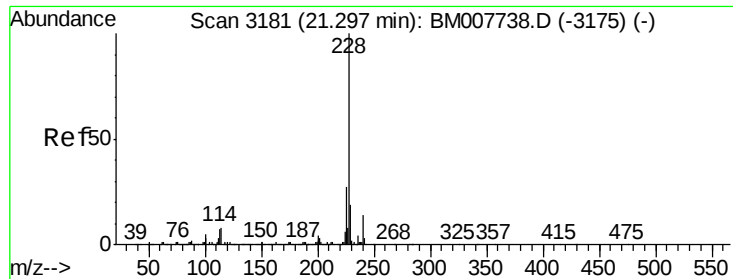
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#77
Pyrene
Concen: 5.49 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	8.4	12.6
100	9.1	6.9	10.3





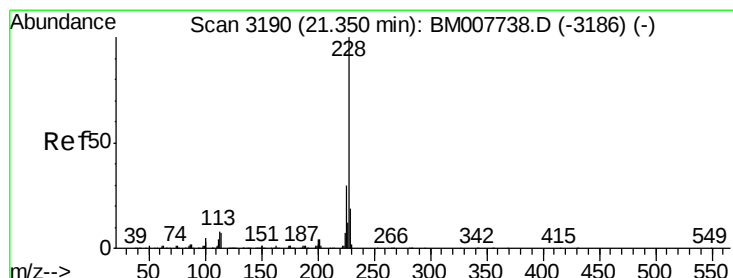
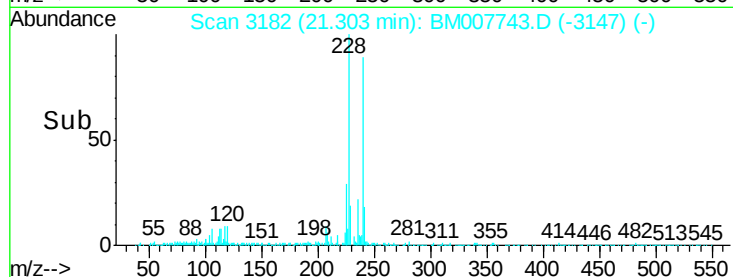
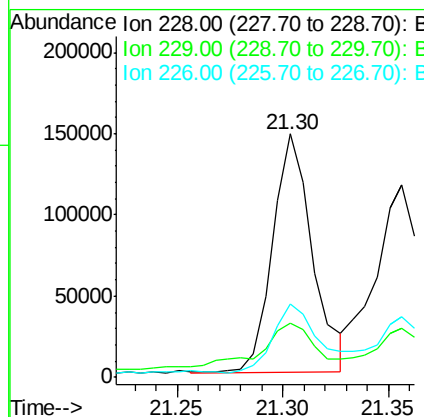
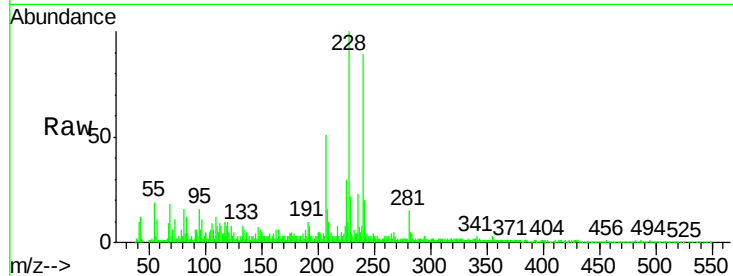
#80
Benzo(a)anthracene
Concen: 3.26 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.01 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-1218-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	29.9	21.8	32.8

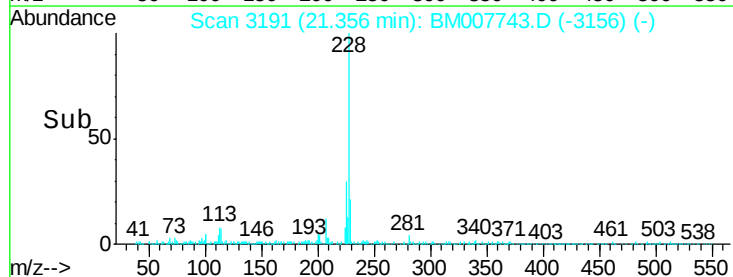
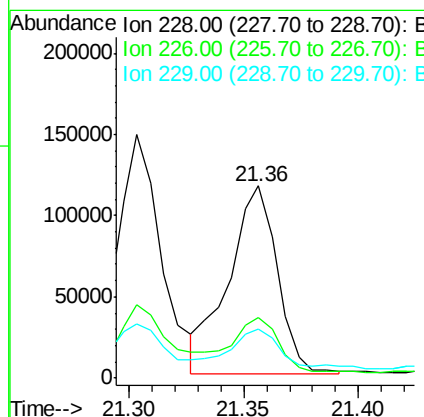
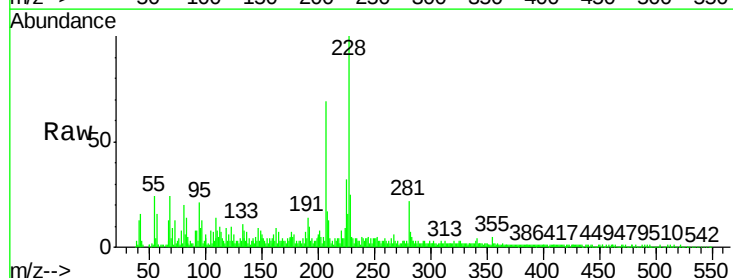
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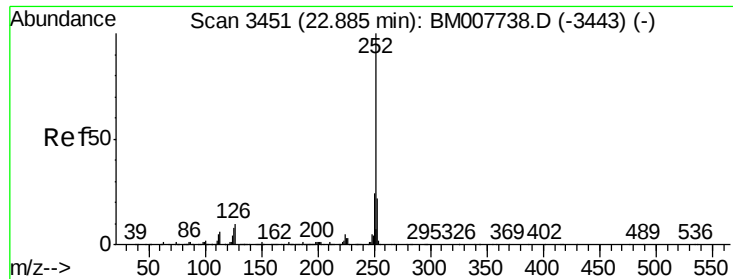
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#82
Chrysene
Concen: 3.01 ng/ul m
RT: 21.36 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	25.2	15.5	23.3#





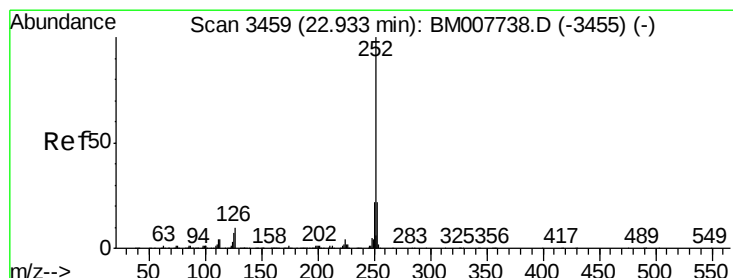
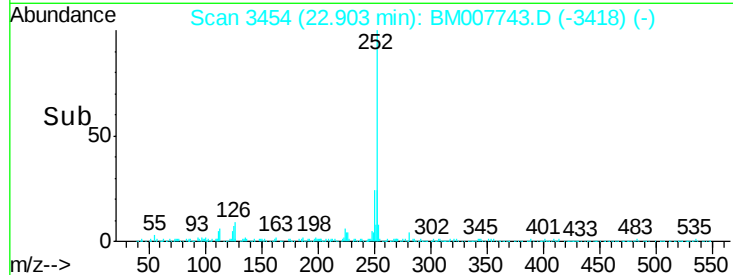
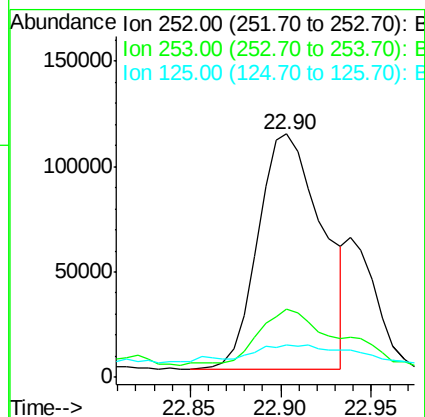
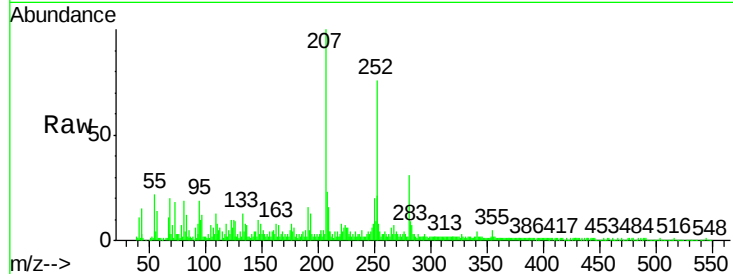
#85
Benzo(b)fluoranthene
Concen: 4.12 ng/ul
RT: 22.90 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-1218-01

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.0	17.1	25.7#
125	13.3	5.8	8.8#

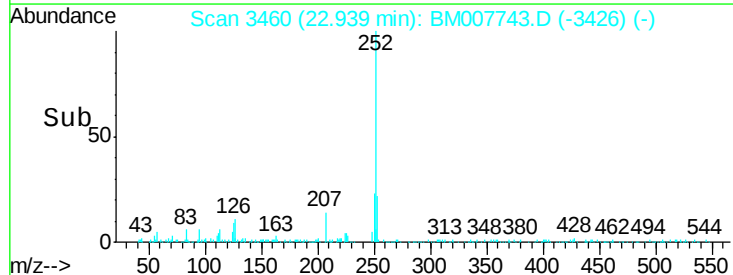
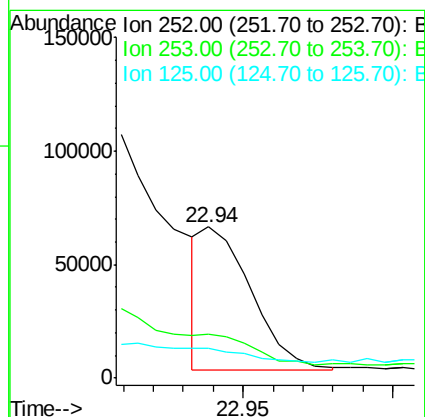
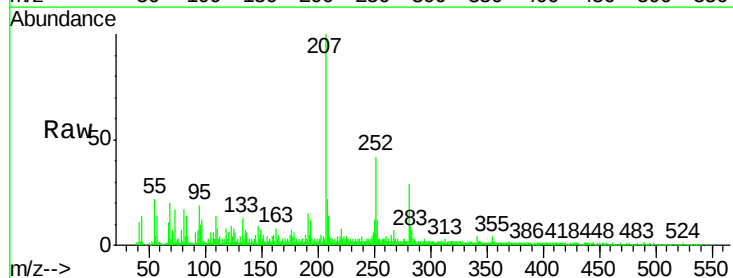
Manual Integrations
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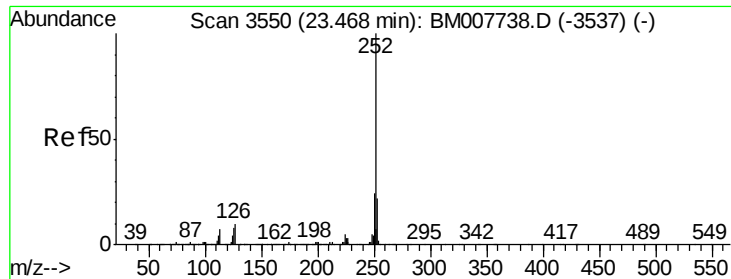
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#86
Benzo(k)fluoranthene
Concen: 1.18 ng/ul m
RT: 22.94 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM007743.D
Acq: 28 Oct 2016 15:14

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.8	17.6	26.4#
125	19.9	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 3.54 ng/ul

RT: 23.48 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BM007743.D

Acq: 28 Oct 2016 15:14

Instrument :

BNA_M

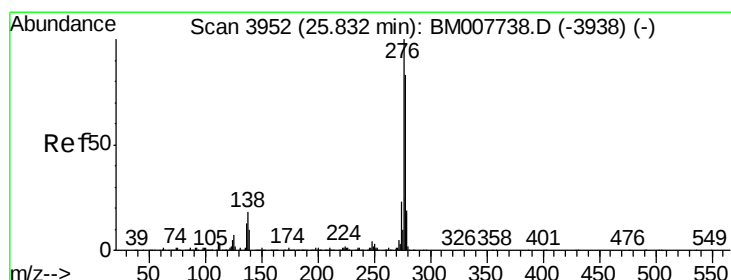
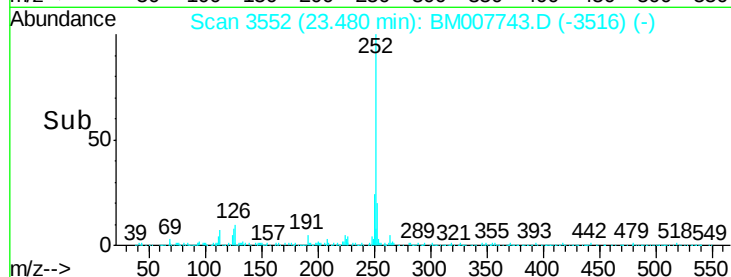
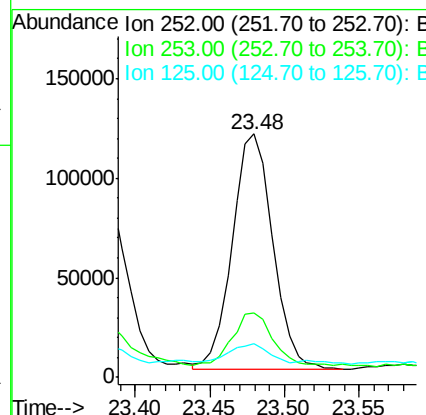
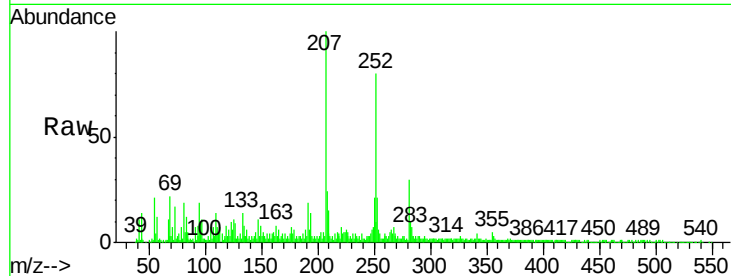
ClientSampleId :

PRERV-SS009-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.6	17.7	26.5#	
125	13.9	6.6	9.8#	

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.91 ng/ul

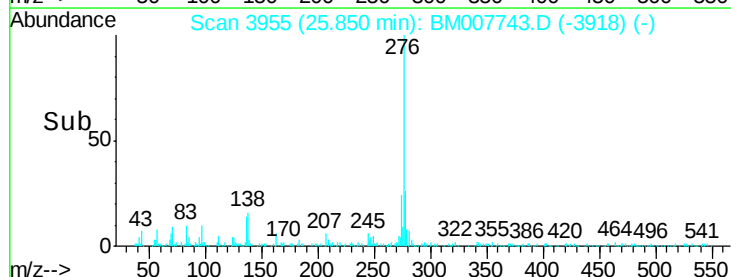
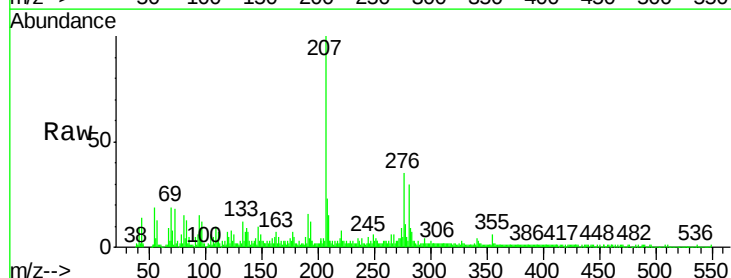
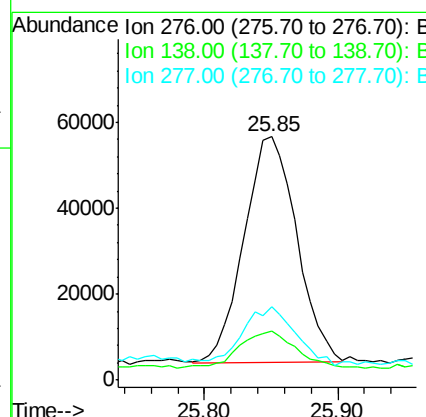
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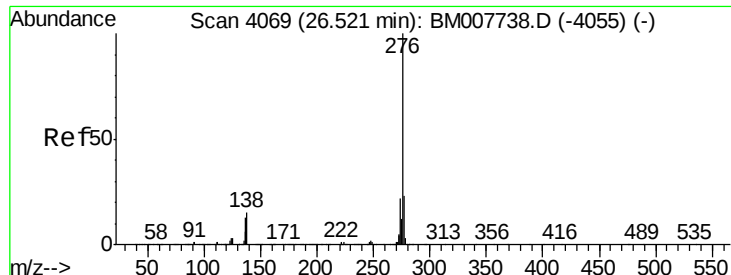
Delta R.T. 0.02 min

Lab File: BM007743.D

Acq: 28 Oct 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.2	13.9	20.9	
277	30.3	20.1	30.1#	





#91

Benzo(g,h,i)perylene

Concen: 2.66 ng/ul

RT: 26.55 min Scan# 4074

Delta R.T. 0.02 min

Lab File: BM007743.D

Acq: 28 Oct 2016 15:14

Instrument :

BNA_M

ClientSampleId :

PRERV-SS009-1218-01

Tgt Ion:	276	Resp:	168488
Ion Ratio	Lower	Upper	
276	100		
138	19.6	13.5	20.3
277	29.5	19.3	28.9#

Manual Integrations
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