

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
 Data File : BM011960.D
 Acq On : 07 Oct 2017 03:18
 Operator : SJ/JU
 Sample : I5462-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 07 06:38:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 05:58:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	284368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1141739	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	647358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1425025	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1546134	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1676106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	21356	3.55	ng/uL	0.00
5) Phenol-d5	7.02	99	386400	15.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	248310	17.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	349642	17.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	324411	15.34	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	157662	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	181573	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	342329	18.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	224953	11.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1054147	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1290547	19.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	113568	11.59	ng/ul	0.00
57) Fluorene-d10	15.49	176	892094	18.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	129602	13.52	ng/ul	0.00
70) Anthracene-d10	17.34	188	1332367	18.97	ng/ul	0.00
76) Pyrene-d10	19.63	212	1498567	21.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1522495	18.88	ng/ul	0.00

Target Compounds

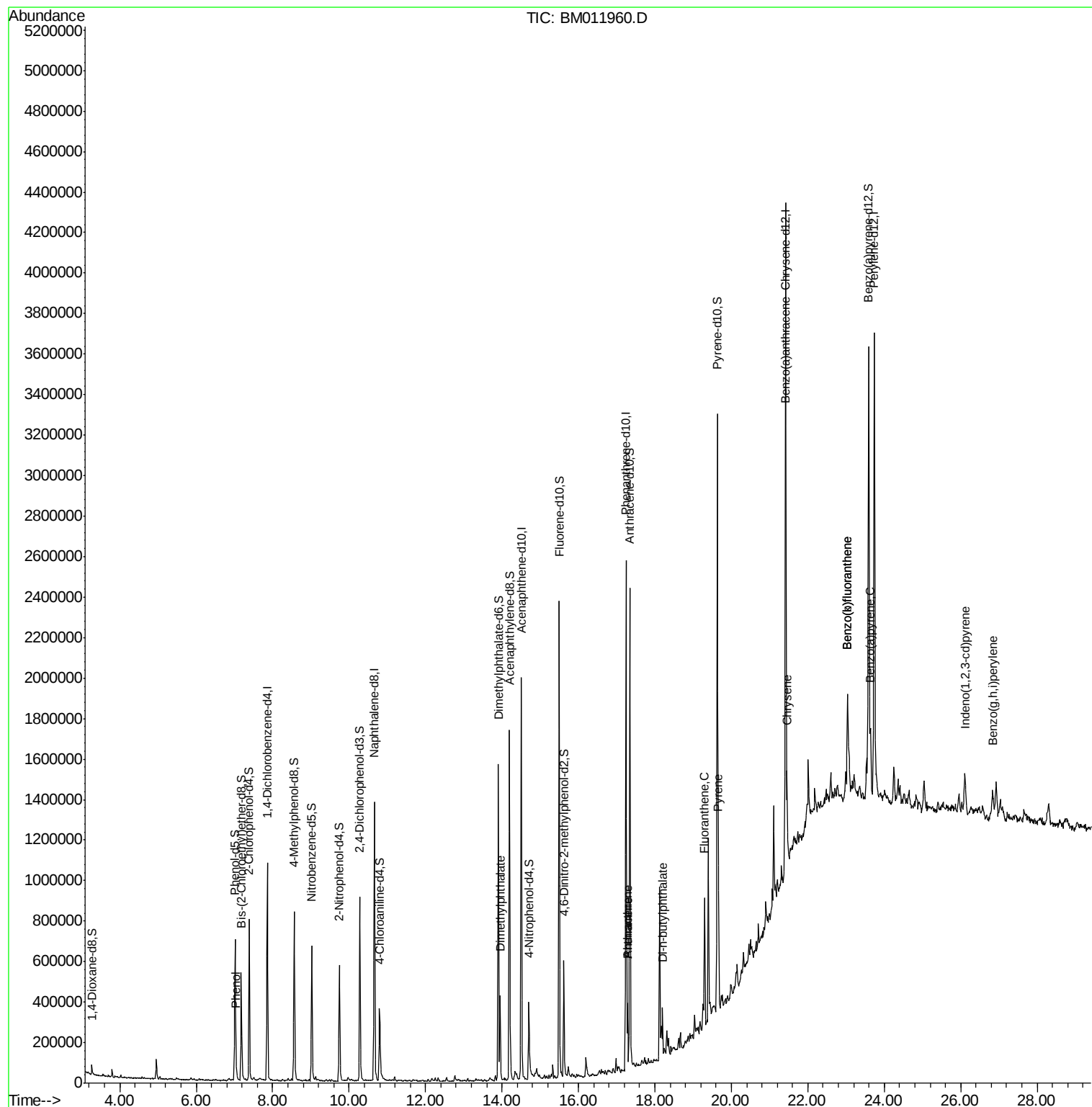
				Ovalue	
6) Phenol	7.05	94	24729	1.021	ng/ul 90
44) Dimethylphthalate	13.95	163	244597	4.532	ng/ul 100
69) Phenanthrene	17.29	178	178776	2.281	ng/ul 98
71) Anthracene	17.29	178	178776	2.241	ng/ul 97
73) Di-n-butylphthalate	18.20	149	160662	1.941	ng/ul# 98
74) Fluoranthene	19.30	202	350627	3.666	ng/ul# 89
77) Pyrene	19.66	202	381849	4.454	ng/ul# 90
80) Benzo(a)anthracene	21.40	228	192076	2.169	ng/ul 94
82) Chrysene	21.46	228	248903	2.958	ng/ul 95
85) Benzo(b)fluoranthene	23.04	252	361461	3.548	ng/ul# 93
86) Benzo(k)fluoranthene	23.04	252	361461	3.554	ng/ul# 91
88) Benzo(a)pyrene	23.64	252	211773	2.163	ng/ul# 93
89) Indeno(1,2,3-cd)pyrene	26.11	276	171628	1.638	ng/ul# 93
91) Benzo(g,h,i)perylene	26.84	276	163600	1.888	ng/ul# 91

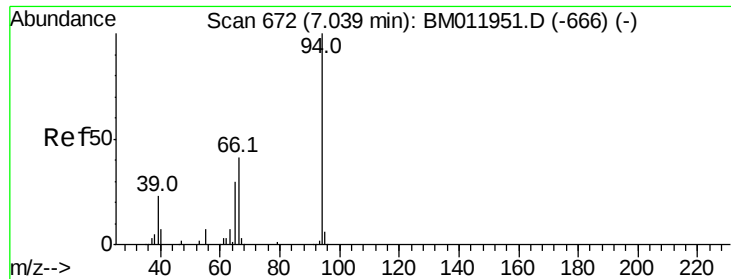
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
Data File : BM011960.D
Acq On : 07 Oct 2017 03:18
Operator : SJ/JU
Sample : I5462-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 07 06:38:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.021 ng/ul

RT: 7.05 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

ClientSampleId :

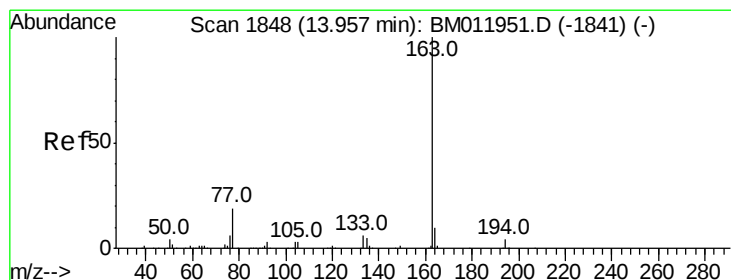
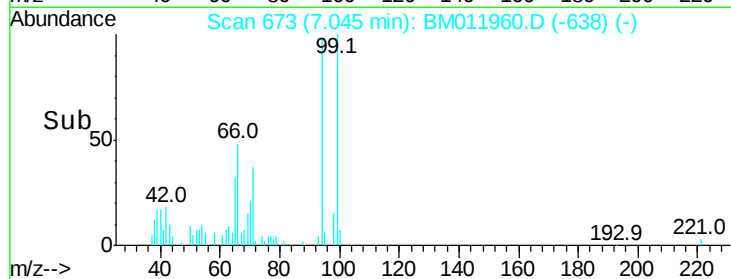
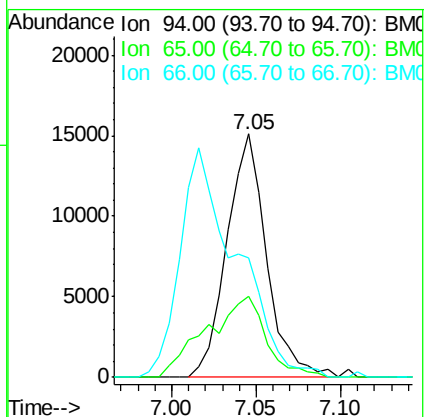
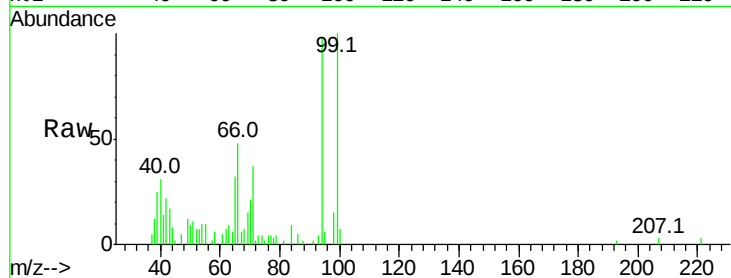
Tot Ion: 94 Resp: 24729

Ion Ratio Lower Upper

94 100

65 33.2 28.2 42.4

66 49.2 47.2 70.8



#44

Dimethylphthalate

Concen: 4.532 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

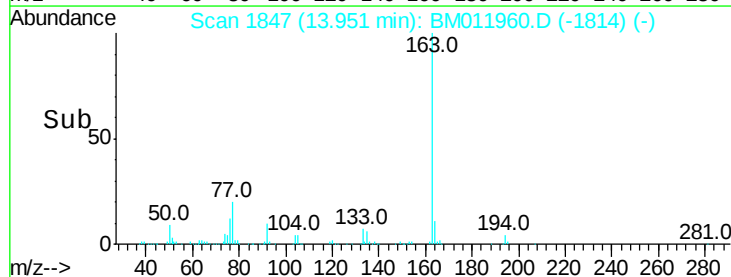
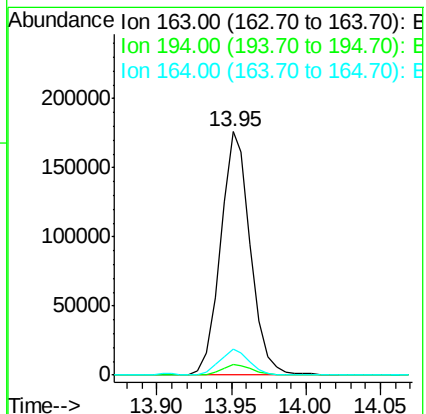
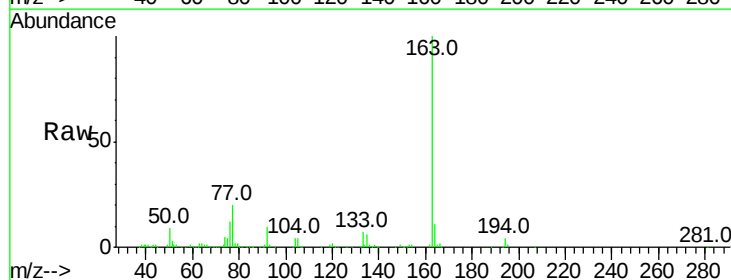
Tgt Ion:163 Resp: 244597

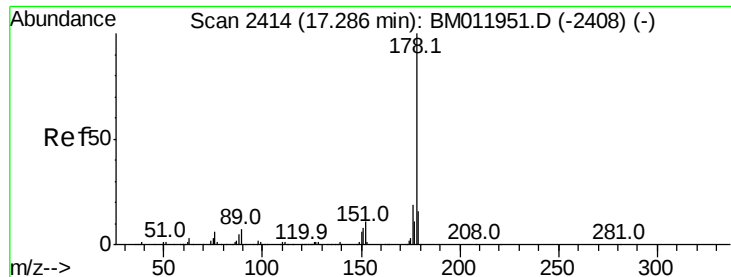
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.5 8.2 12.4





#69

Phenanthrene

Concen: 2.281 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

ClientSampleId :

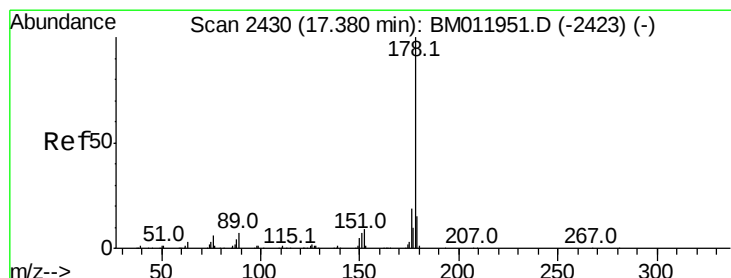
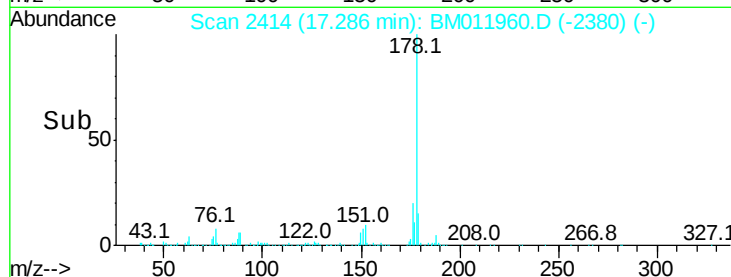
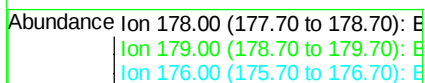
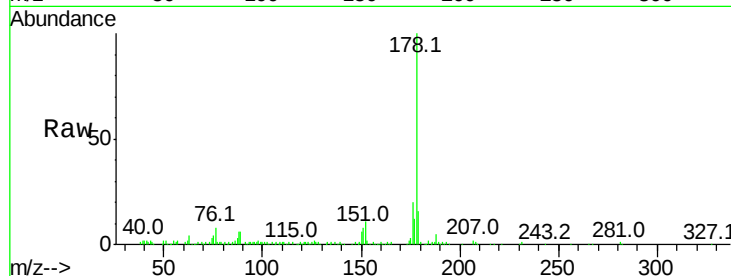
Tot Ion:178 Resp: 178776

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.7	14.9	22.3

178 100

179 15.5 12.6 19.0

176 19.7 14.9 22.3



#71

Anthracene

Concen: 2.241 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.09 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

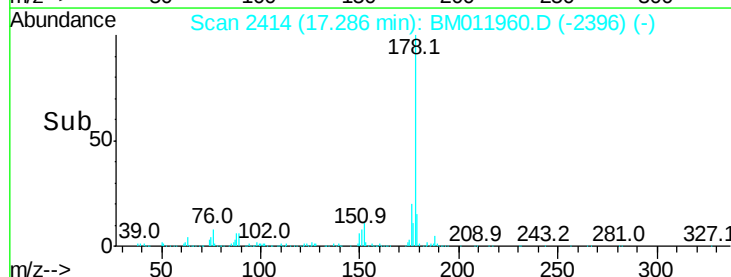
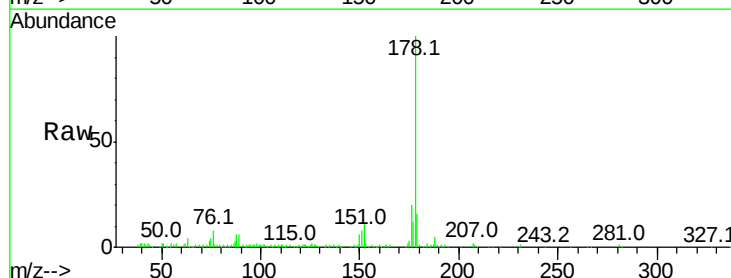
Tgt Ion:178 Resp: 178776

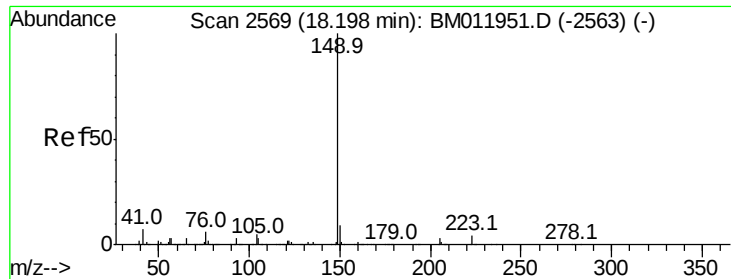
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	19.7	14.6	21.8

178 100

179 15.5 11.7 17.5

176 19.7 14.6 21.8





#73

Di-n-butylphthalate

Concen: 1.941 ng/ul

RT: 18.20 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

ClientSampleId :

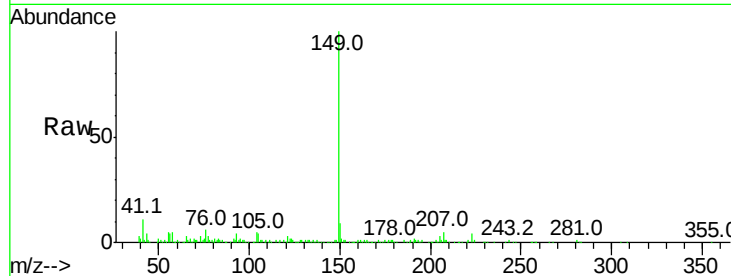
Tot Ion:149 Resp: 160662

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

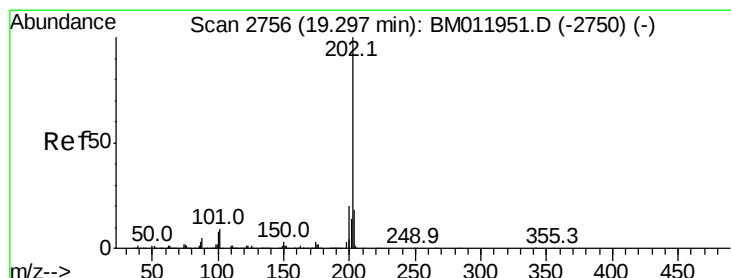
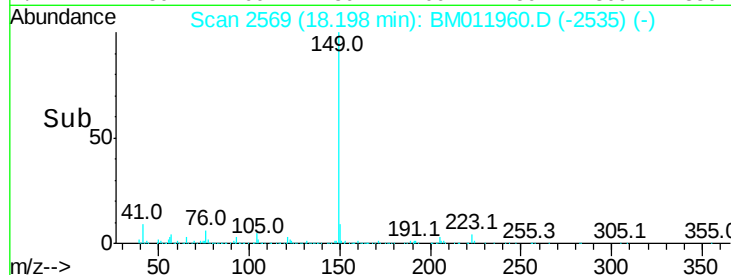
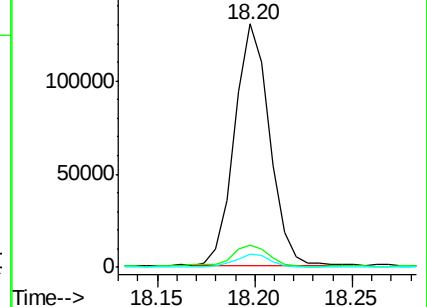
104 5.4 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 3.666 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

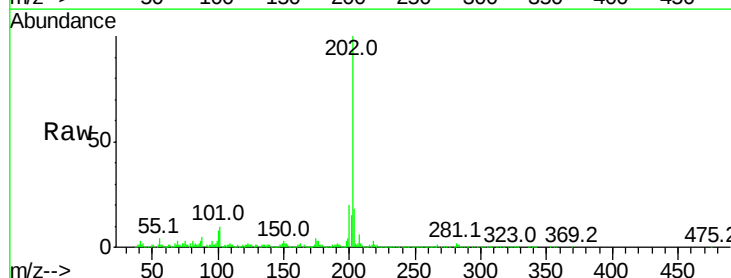
Tgt Ion:202 Resp: 350627

Ion Ratio Lower Upper

202 100

101 10.0 4.6 7.0#

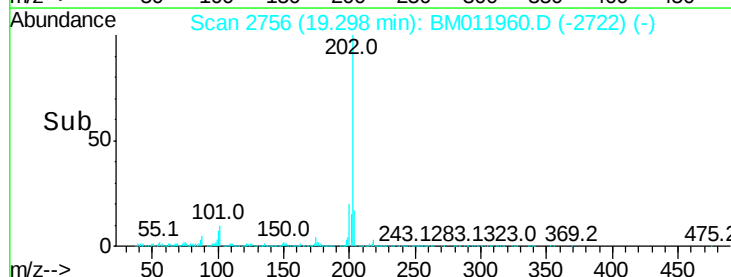
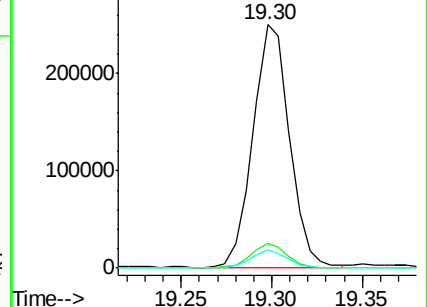
100 7.6 3.4 5.2#

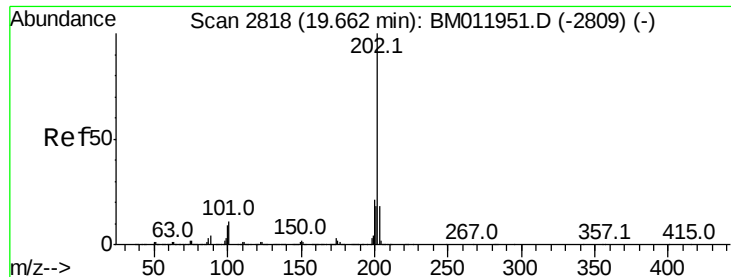


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 4.454 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

ClientSampleId :

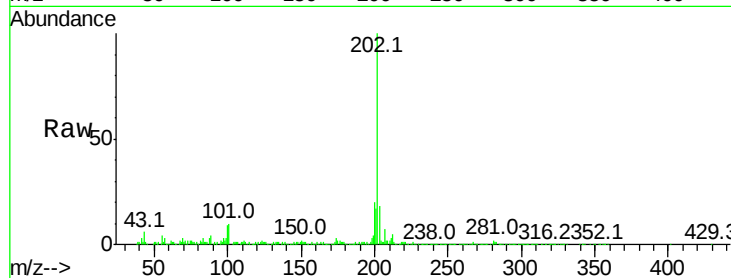
Tot Ion:202 Resp: 381849

Ion Ratio Lower Upper

202 100

101 10.5 5.1 7.7#

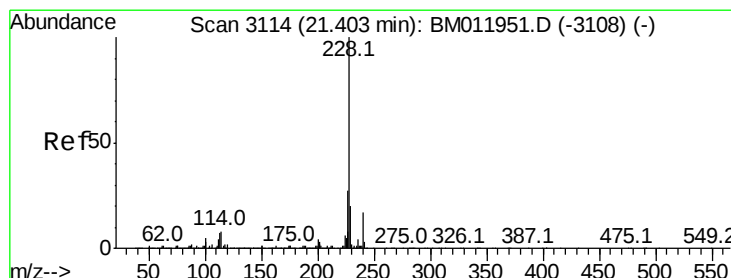
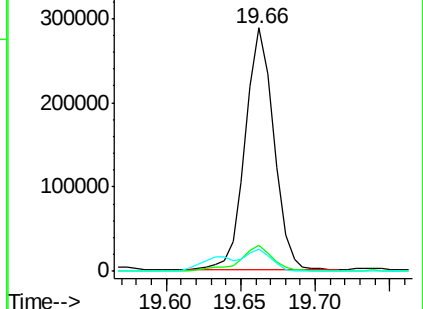
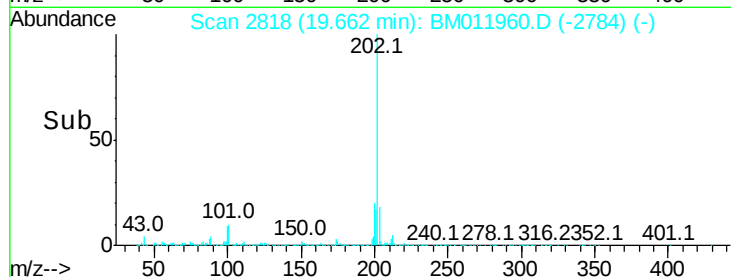
100 8.9 4.9 7.3#



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): E



#80

Benzo(a)anthracene

Concen: 2.169 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

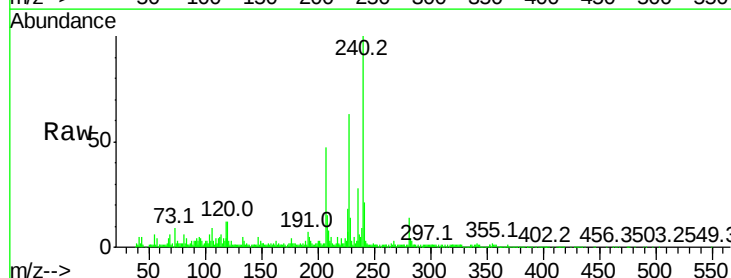
Tgt Ion:228 Resp: 192076

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.0

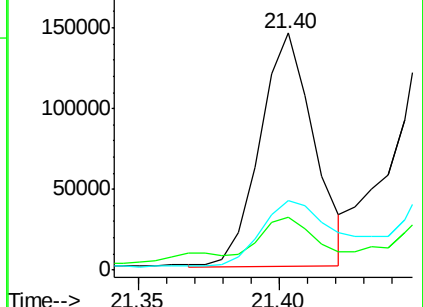
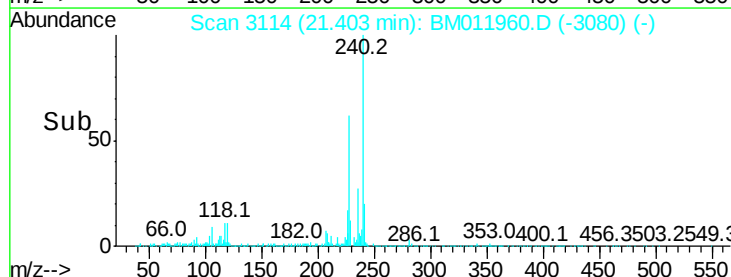
226 29.4 21.4 32.0

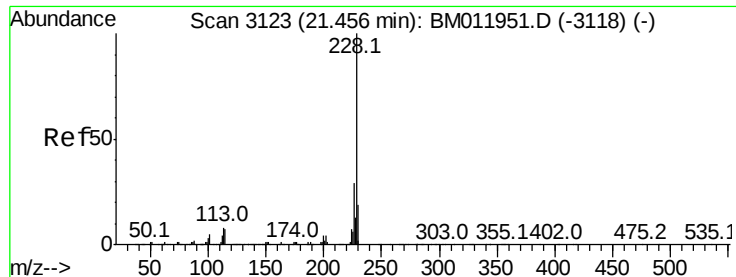


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.958 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

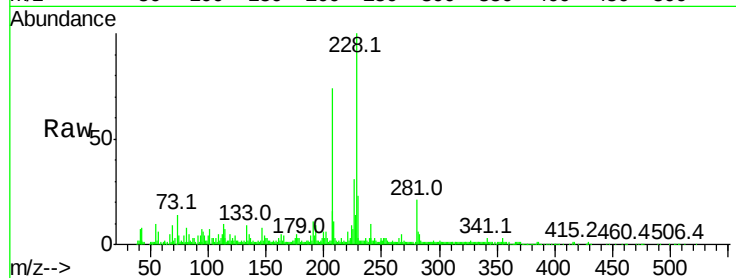
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 248903

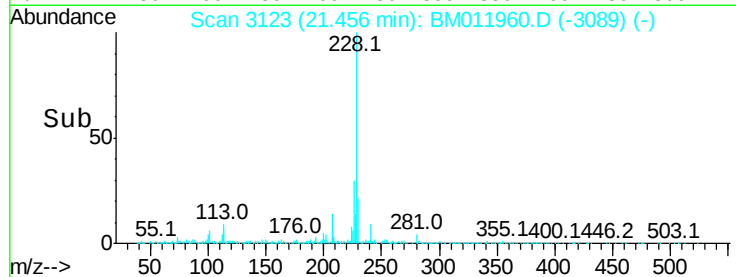
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	23.1	15.5	23.3



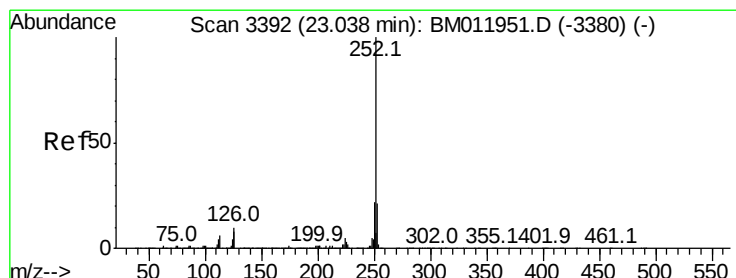
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 3.548 ng/ul

RT: 23.04 min Scan# 3392

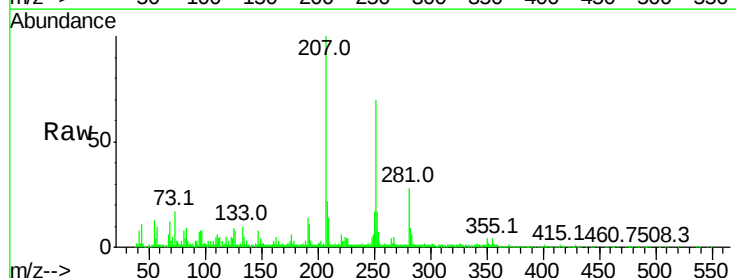
Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Tgt Ion:252 Resp: 361461

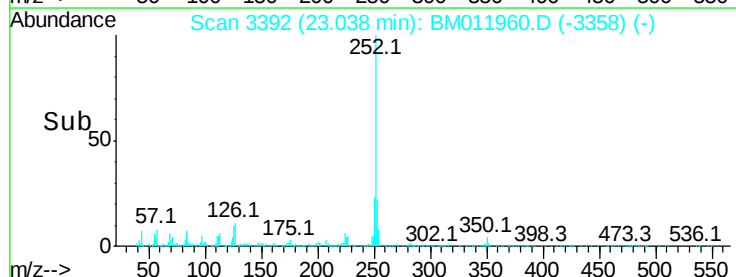
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	12.7	3.6	5.4



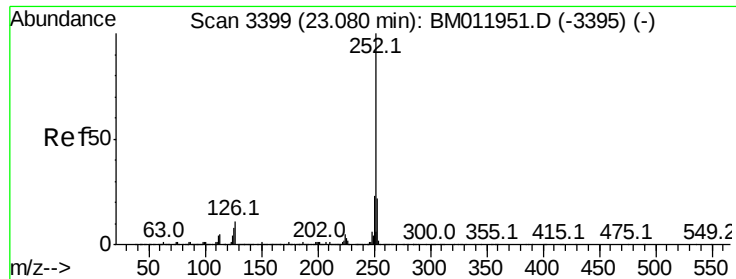
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



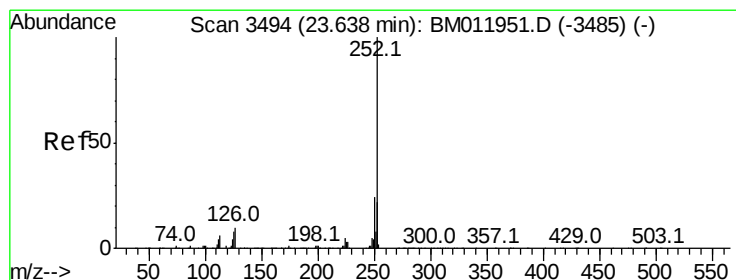
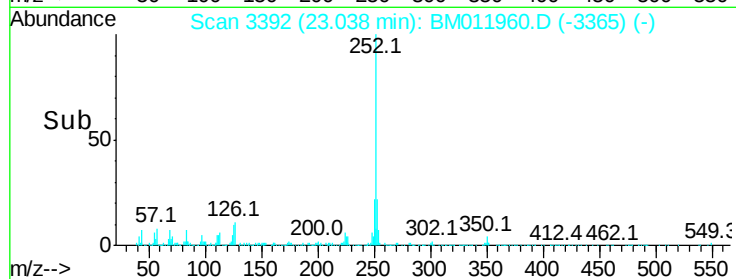
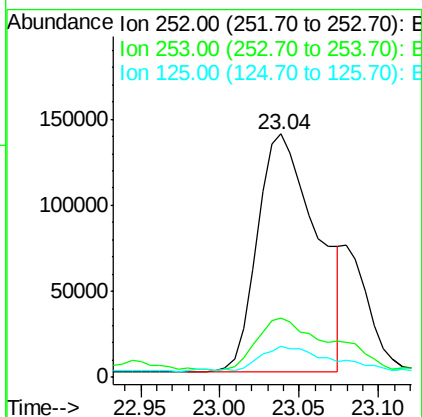
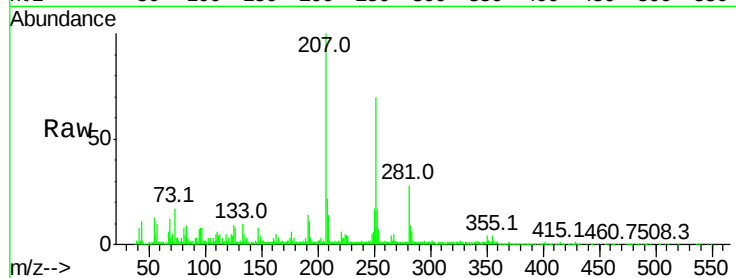
Time-->



#86
Benzo(k)fluoranthene
Concen: 3.554 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM011960.D
Acq: 07 Oct 2017 03:18

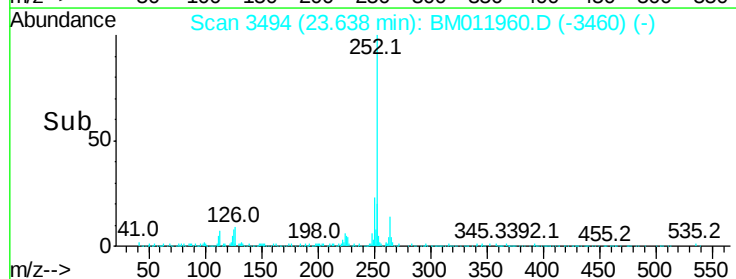
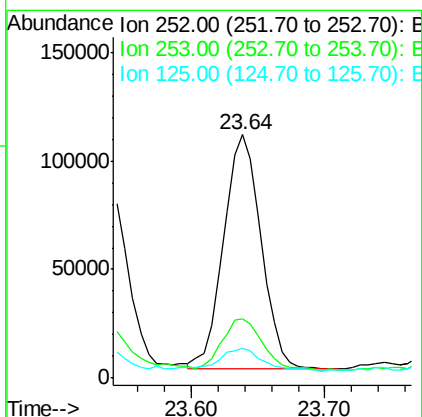
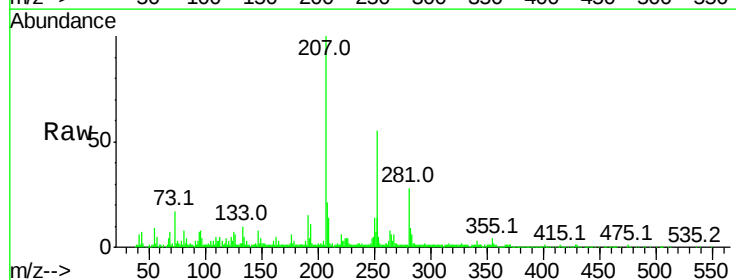
Instrument :
BNA_M
ClientSampleId :

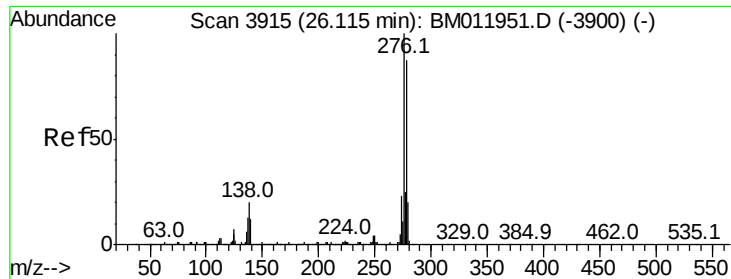
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	12.7	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 2.163 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.00 min
Lab File: BM011960.D
Acq: 07 Oct 2017 03:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.0	4.0	6.0#



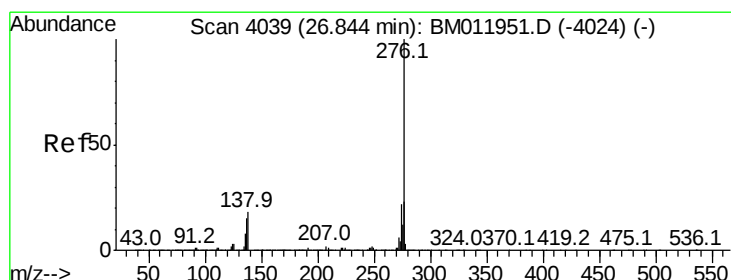
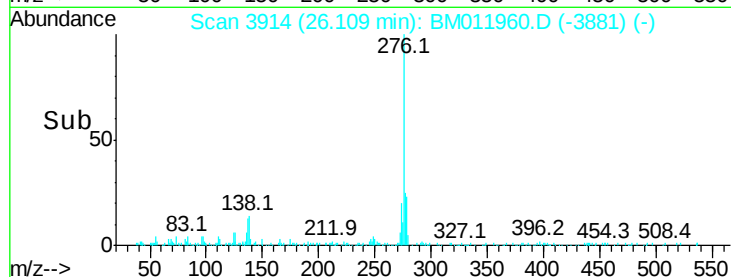
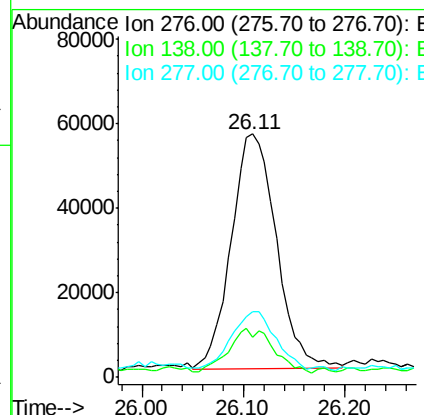
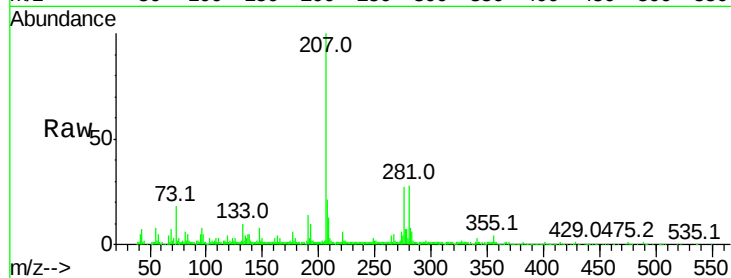


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.638 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM011960.D
Acq: 07 Oct 2017 03:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 171628
Ion Ratio Lower Upper
276 100
138 16.4 9.3 13.9#
277 26.8 19.9 29.9



#91

Benzo(g,h,i)perylene
Concen: 1.888 ng/ul
RT: 26.84 min Scan# 4039
Delta R.T. 0.00 min
Lab File: BM011960.D
Acq: 07 Oct 2017 03:18

Tgt Ion:276 Resp: 163600
Ion Ratio Lower Upper
276 100
138 17.9 8.5 12.7#
277 25.4 18.6 28.0

