

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007218.D
 Acq On : 18 Aug 2016 22:27
 Operator : UM/SJ
 Sample : H4445-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD2R4

Quant Time: Aug 19 04:49:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	279680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1155536	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	686034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1624978	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2086882	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2129623	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	18609	2.91	ng/uL	0.00
5) Phenol-d5	6.97	99	329750	14.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	218645	16.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	290418	16.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	240524	12.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	144114	17.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	155424	17.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	292925	15.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	352883	15.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	921894	16.26	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1144585	16.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	95248	9.37	ng/ul	0.00
57) Fluorene-d10	15.43	176	832440	16.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	77611	8.64	ng/ul	0.00
70) Anthracene-d10	17.27	188	1274654	16.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	1532427	17.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1676223	17.21	ng/ul	0.00

Target Compounds

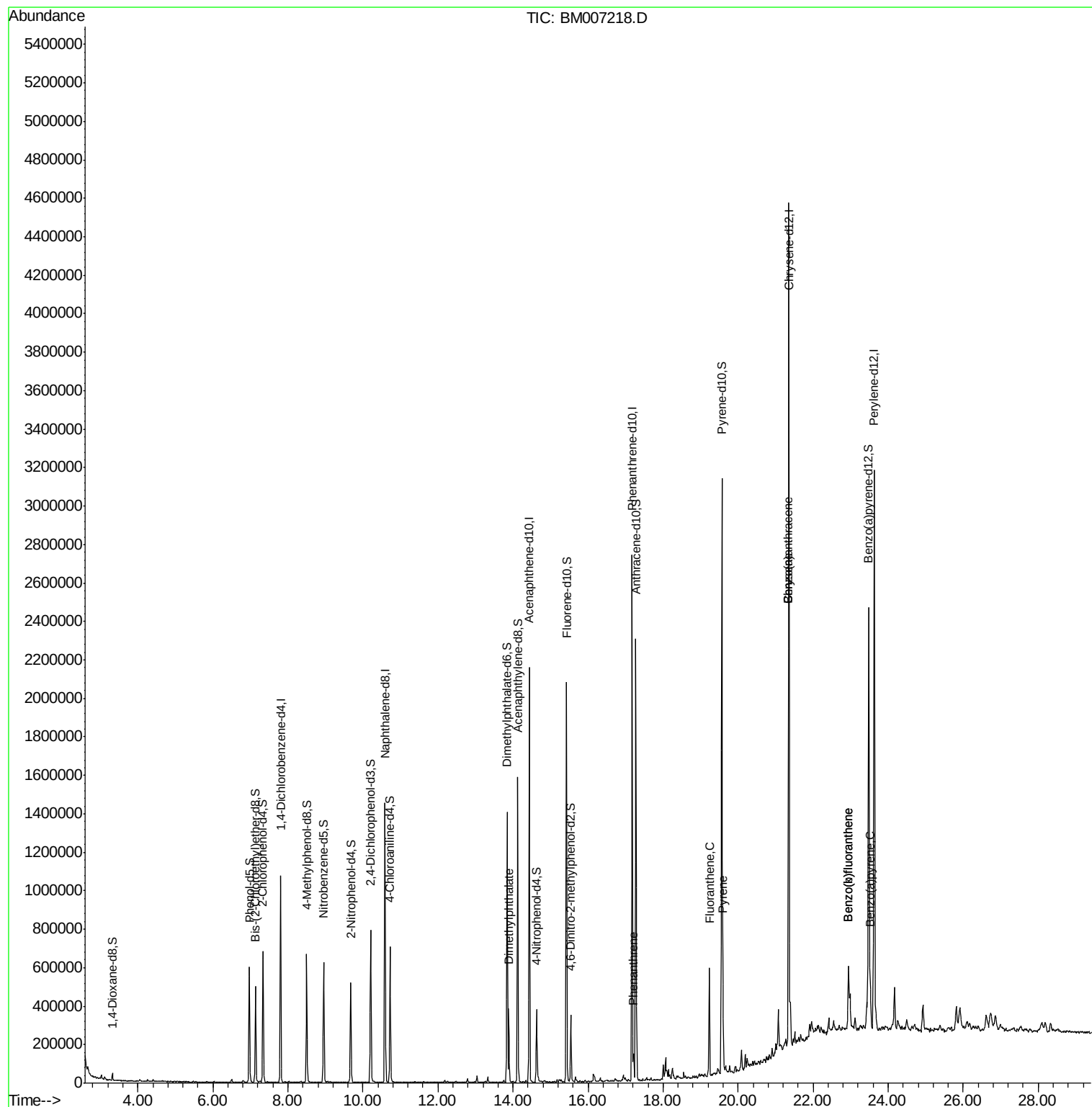
						Qvalue
44) Dimethylphthalate	13.89	163	238268	4.21	ng/ul	98
69) Phenanthrene	17.22	178	91626	1.05	ng/ul	98
74) Fluoranthene	19.23	202	334260	3.15	ng/ul	99
77) Pyrene	19.59	202	282501	2.45	ng/ul	99
80) Benzo(a)anthracene	21.34	228	187770	1.52	ng/ul	99
82) Chrysene	21.34	228	187770	1.67	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	233444	1.82	ng/ul	97
86) Benzo(k)fluoranthene	22.94	252	233444	1.94	ng/ul	98
88) Benzo(a)pyrene	23.53	252	167685	1.38	ng/ul	99

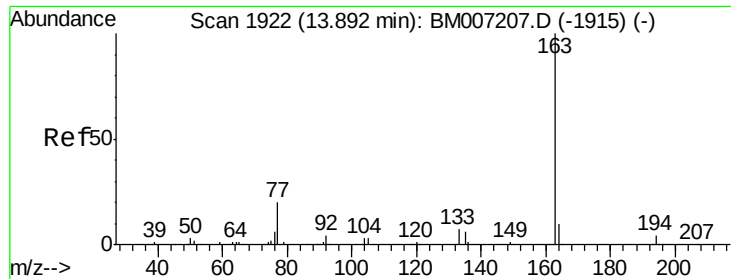
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007218.D
Acq On : 18 Aug 2016 22:27
Operator : UM/SJ
Sample : H4445-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD2R4

Quant Time: Aug 19 04:49:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:48:28 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 4.21 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

Instrument :

BNA_M

ClientSampleId :

BD2R4

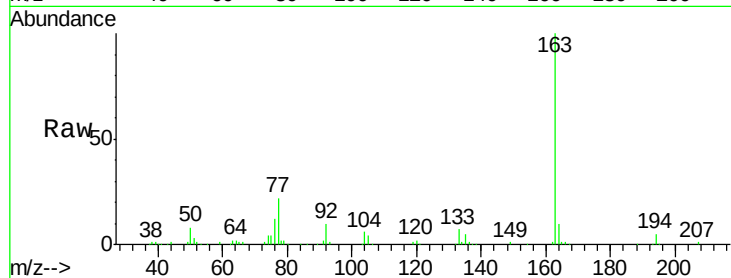
Tgt Ion:163 Resp: 238268

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

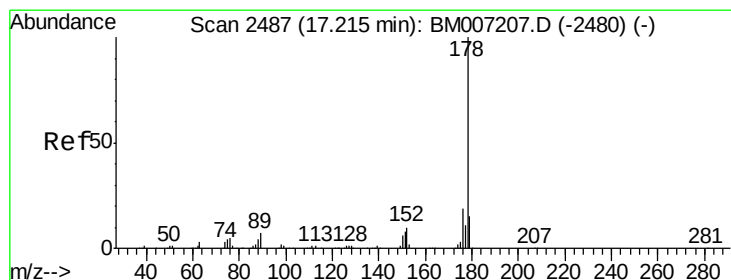
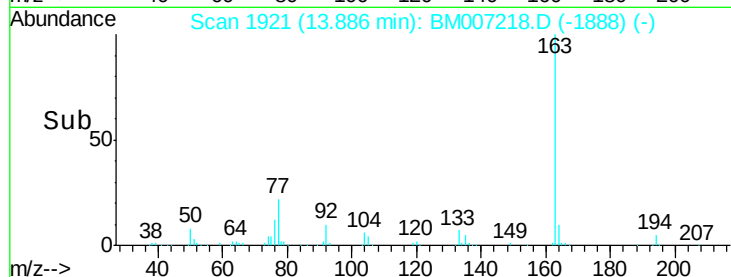
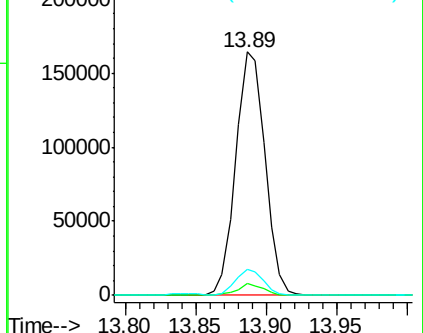
164 10.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.05 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

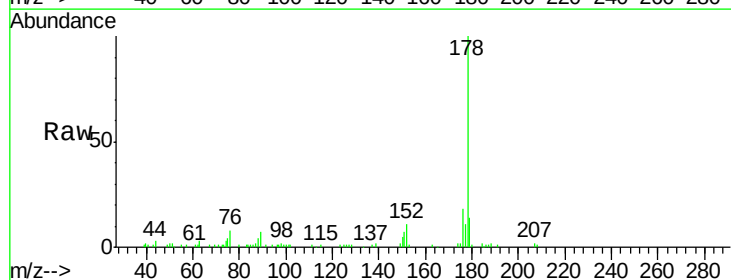
Tgt Ion:178 Resp: 91626

Ion Ratio Lower Upper

178 100

179 14.1 12.2 18.2

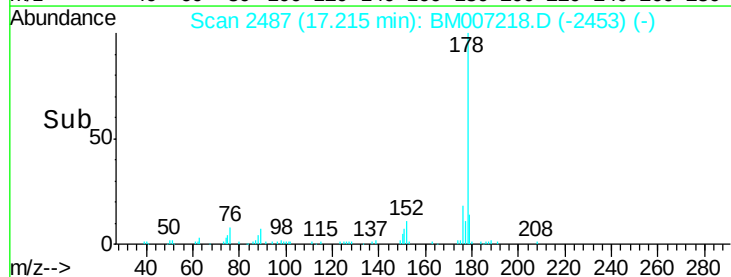
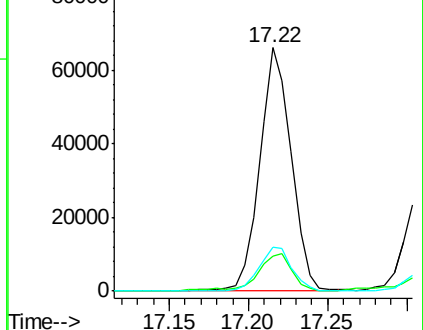
176 18.2 15.1 22.7

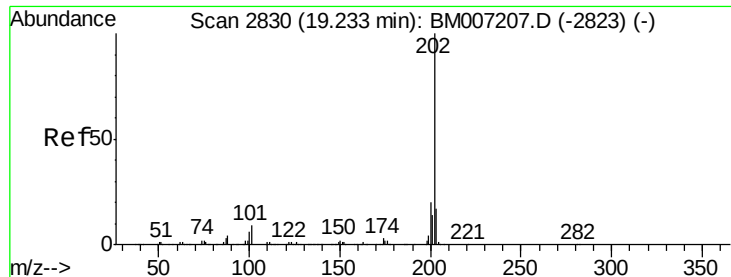


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.15 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

Instrument :

BNA_M

ClientSampleId :

BD2R4

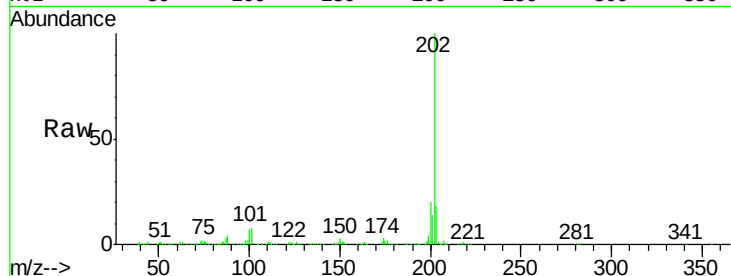
Tgt Ion:202 Resp: 334260

Ion Ratio Lower Upper

202 100

101 7.9 6.9 10.3

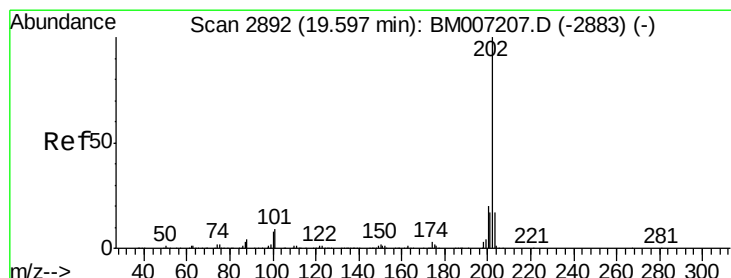
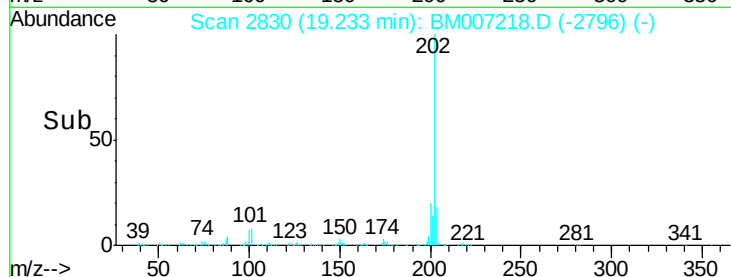
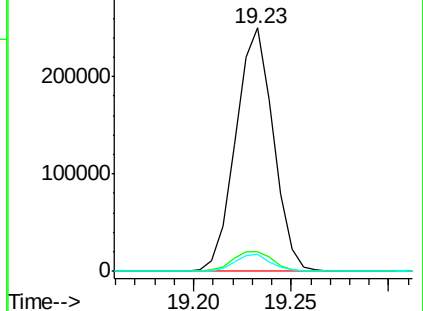
100 6.8 5.4 8.0



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: 2.45 ng/ul

RT: 19.59 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

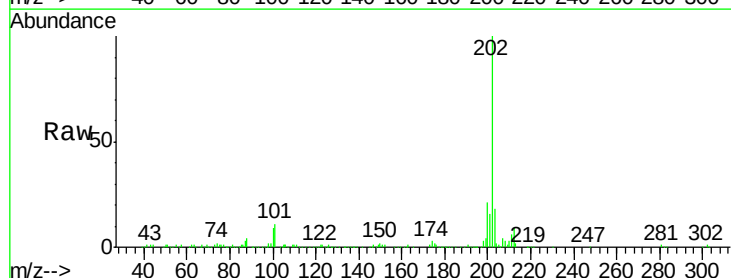
Tgt Ion:202 Resp: 282501

Ion Ratio Lower Upper

202 100

101 11.1 8.4 12.6

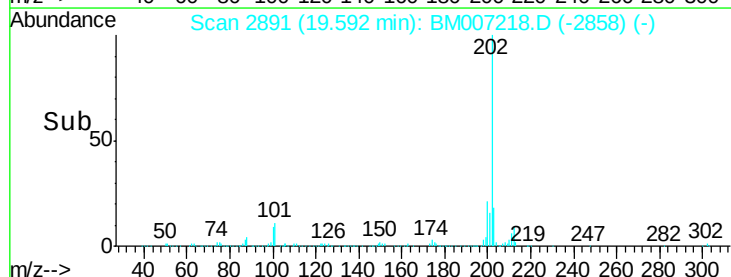
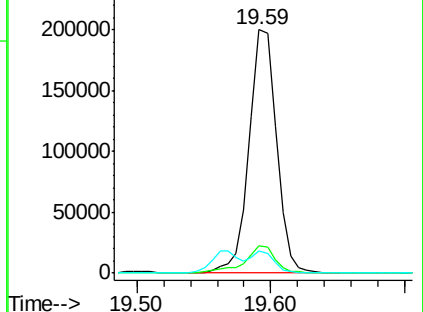
100 8.9 6.9 10.3

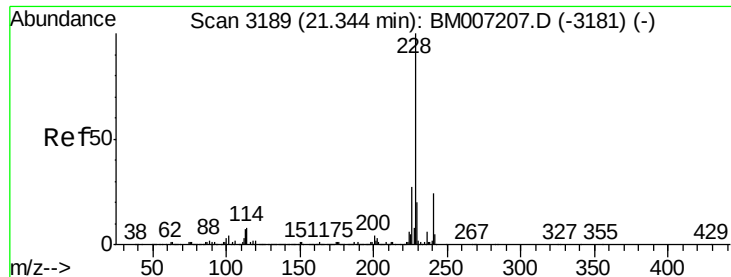


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.52 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

Instrument :

BNA_M

ClientSampleId :

BD2R4

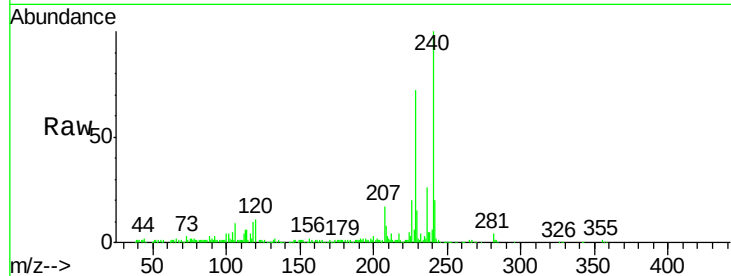
Tgt Ion:228 Resp: 187770

Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

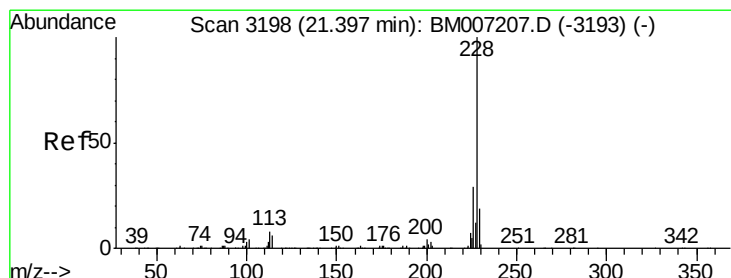
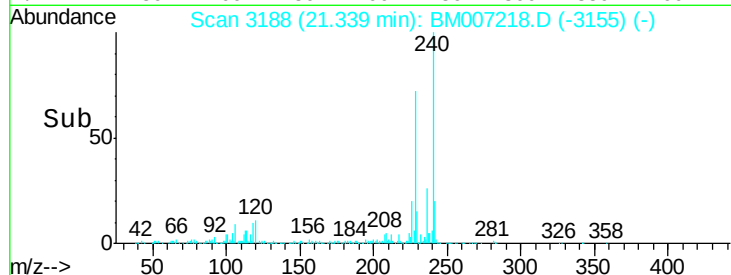
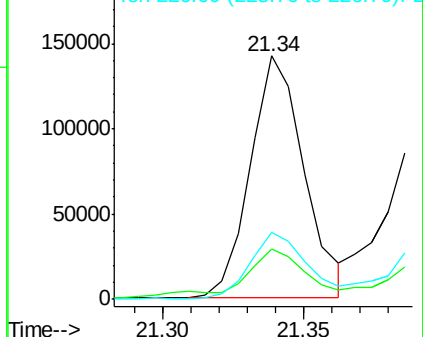
226 27.6 21.8 32.8



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



#82

Chrysene

Concen: 1.67 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.06 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

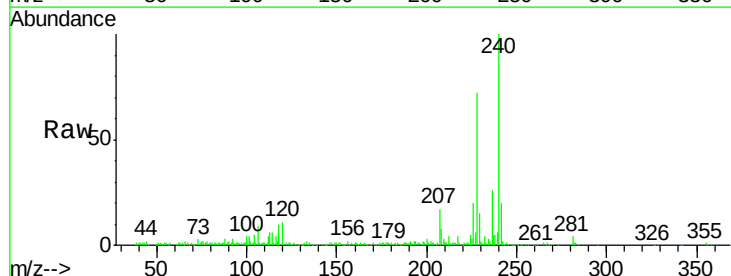
Tgt Ion:228 Resp: 187770

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.2

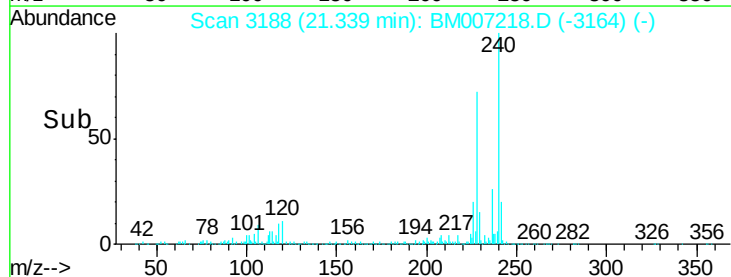
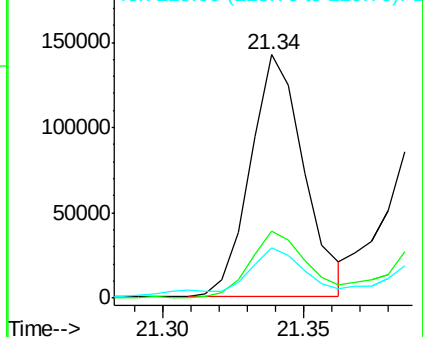
229 20.7 15.5 23.3

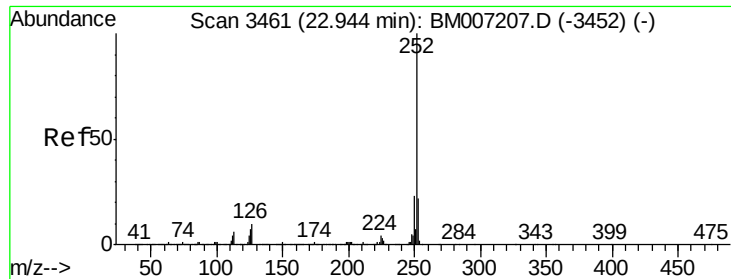


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.82 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

Instrument :

BNA_M

ClientSampleId :

BD2R4

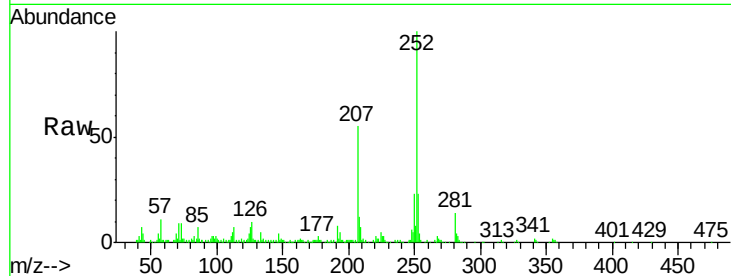
Tgt Ion:252 Resp: 233444

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

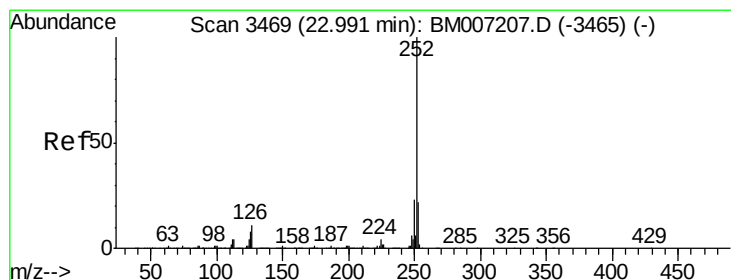
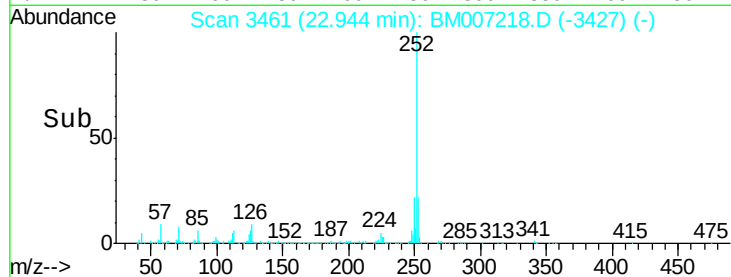
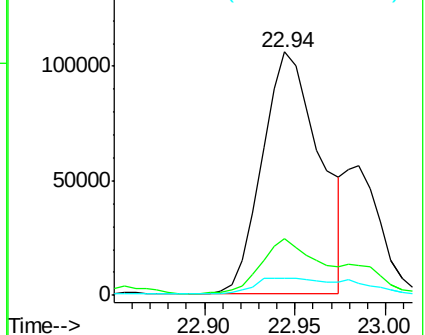
125 7.0 5.8 8.8



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



#86

Benzo(k)fluoranthene

Concen: 1.94 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.05 min

Lab File: BM007218.D

Acq: 18 Aug 2016 22:27

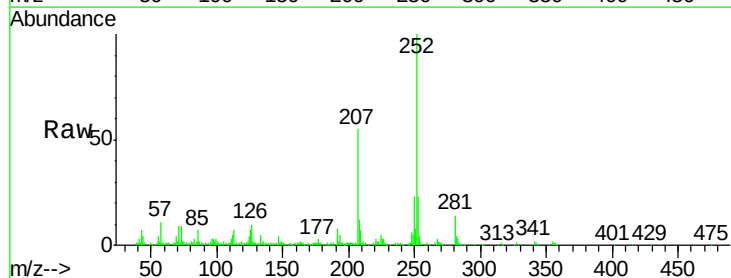
Tgt Ion:252 Resp: 233444

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

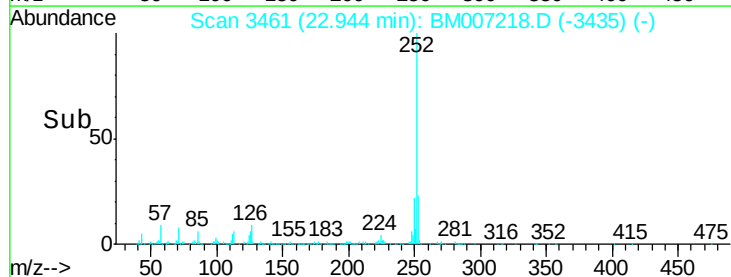
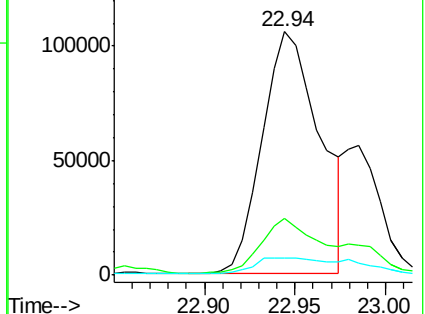
125 7.0 5.7 8.5

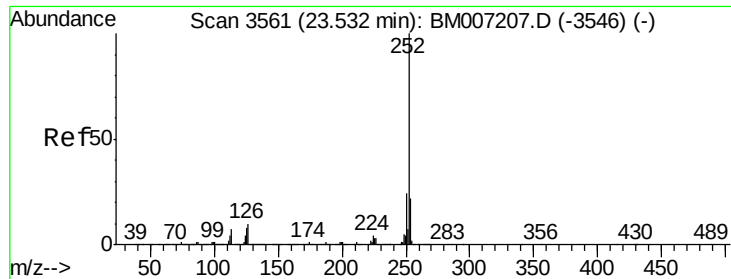


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.38 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BM007218.D

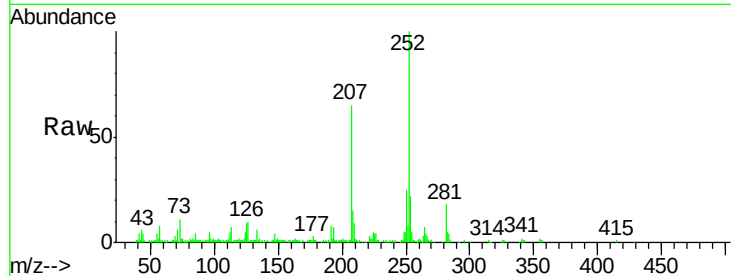
Acq: 18 Aug 2016 22:27

Instrument :

BNA_M

ClientSampleId :

BD2R4



Tgt Ion:	252	Resp:	167685
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.1	6.6	9.8

