

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081816\
 Data File : BM007180.D
 Acq On : 17 Aug 2016 15:45
 Operator : UM/SJ
 Sample : H4392-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJX4

Quant Time: Aug 17 16:21:47 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 15:21:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	291263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1153275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	665601	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1602631	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2088059	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2184384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	27509	4.13	ng/uL	0.00
5) Phenol-d5	6.97	99	528670	22.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	315554	23.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	423412	22.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	350235	18.04	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	204178	24.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	234409	26.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	433897	23.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	487758	21.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1437880	26.14	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1712002	25.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	167130	16.95	ng/ul	0.00
57) Fluorene-d10	15.43	176	1256731	26.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	140381	15.85	ng/ul	0.00
70) Anthracene-d10	17.27	188	2040527	27.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	2546008	28.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2941609	29.44	ng/ul	0.00

Target Compounds

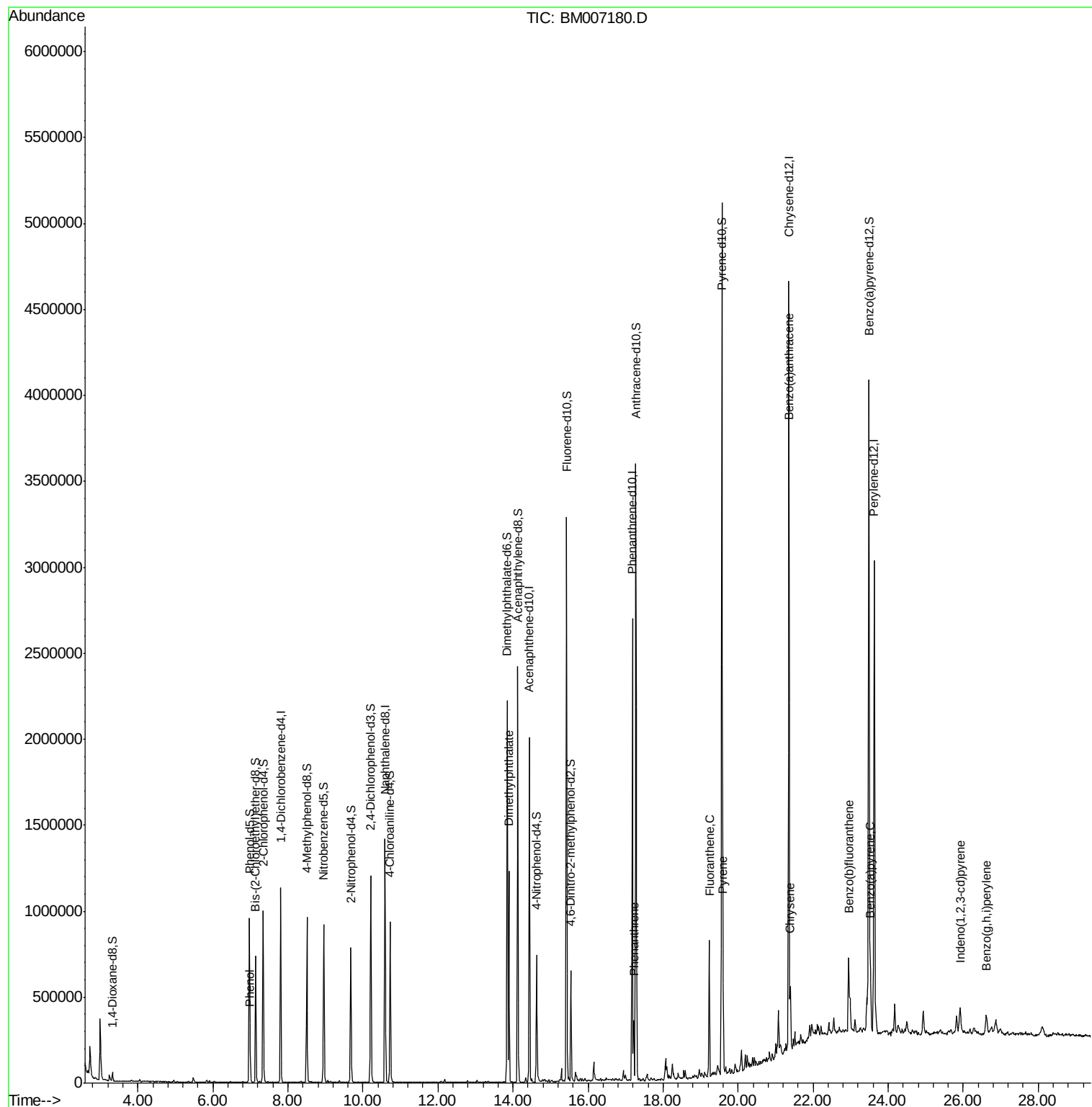
						Ovalue
6) Phenol	7.00	94	38222	1.54	ng/ul	92
44) Dimethylphthalate	13.89	163	742111	13.50	ng/ul	99
69) Phenanthrene	17.22	178	202198	2.35	ng/ul	99
74) Fluoranthene	19.23	202	463208	4.43	ng/ul	98
77) Pyrene	19.60	202	421533	3.65	ng/ul	99
80) Benzo(a)anthracene	21.34	228	218585	1.77	ng/ul	98
82) Chrysene	21.39	228	235226	2.09	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	335085	2.55	ng/ul	97
88) Benzo(a)pyrene	23.53	252	231855	1.86	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	161860	1.06	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	143321	1.11	ng/ul	97

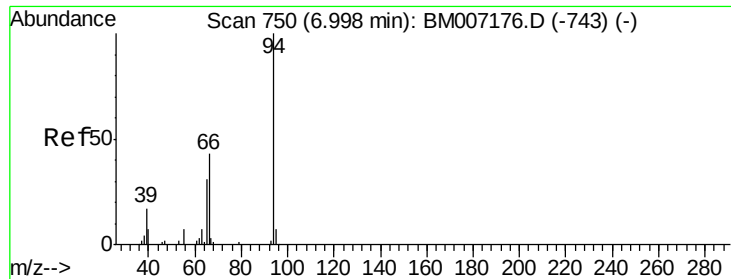
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.54 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

Instrument :

BNA_M

ClientSampleId :

BDJX4

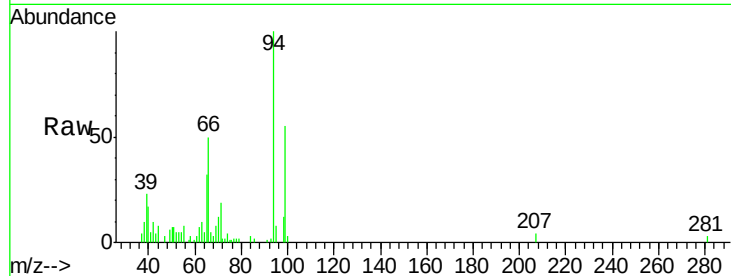
Tot Ion: 94 Resp: 38222

Ion Ratio Lower Upper

94 100

65 31.7 23.9 35.9

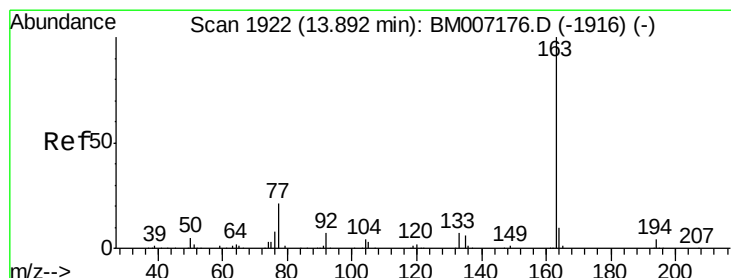
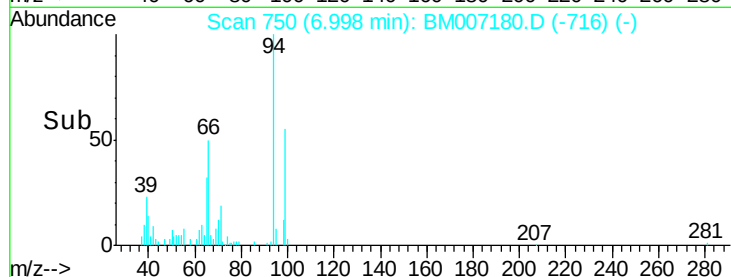
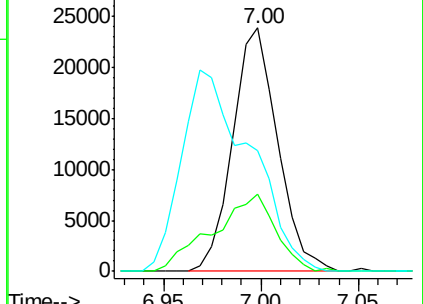
66 49.5 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007176.D (-743) (-)

Ion 65.00 (64.70 to 65.70): BM007176.D (-743) (-)

Ion 66.00 (65.70 to 66.70): BM007176.D (-743) (-)



#44

Dimethylphthalate

Concen: 13.50 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

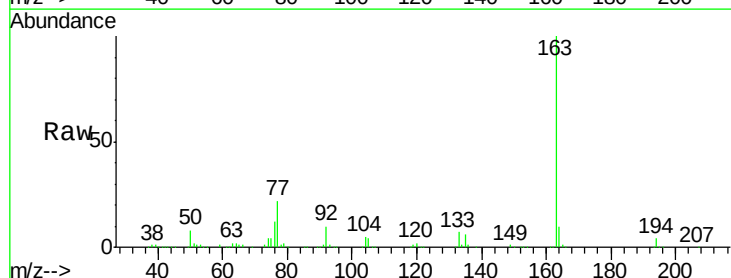
Tgt Ion: 163 Resp: 742111

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

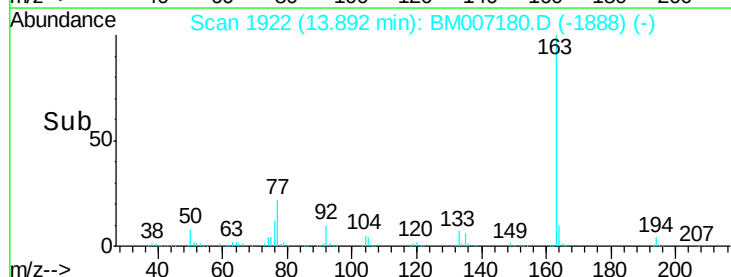
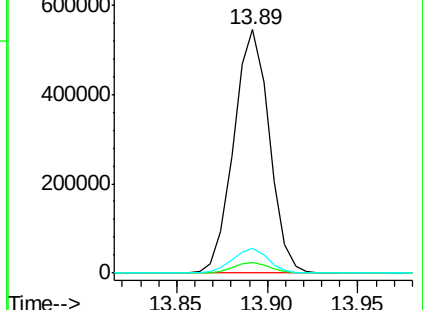
164 10.0 7.8 11.8

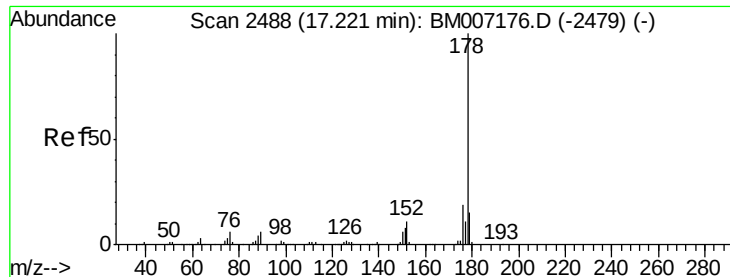


Abundance Ion 163.00 (162.70 to 163.70): BM007176.D (-1916) (-)

Ion 194.00 (193.70 to 194.70): BM007176.D (-1916) (-)

Ion 164.00 (163.70 to 164.70): BM007176.D (-1916) (-)





#69

Phenanthrene

Concen: 2.35 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

Instrument :

BNA_M

ClientSampleId :

BDJX4

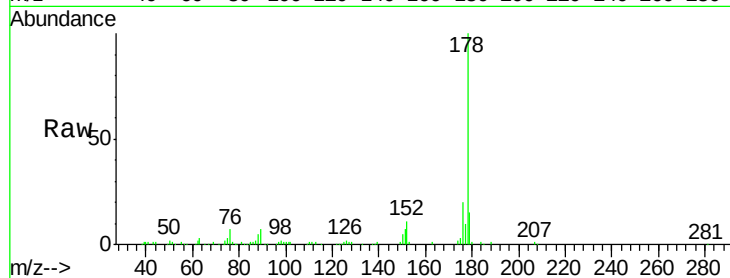
Tot Ion:178 Resp: 202198

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

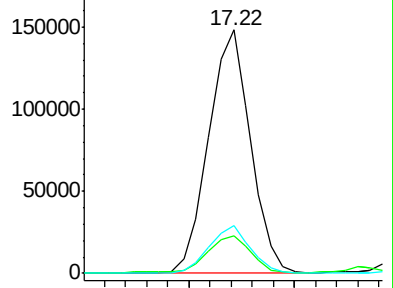
176 19.6 15.1 22.7



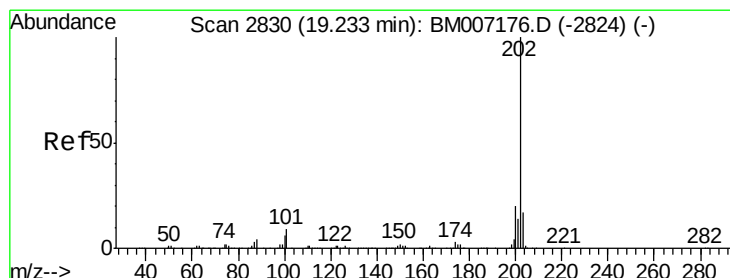
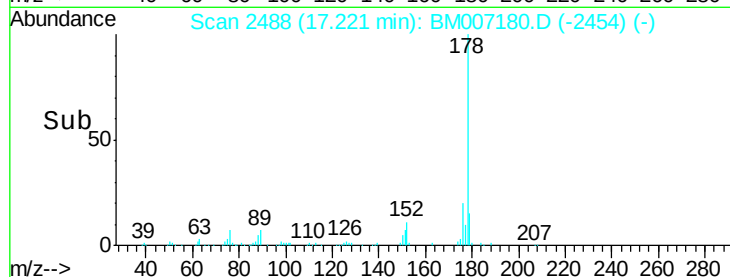
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Fluoranthene

Concen: 4.43 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

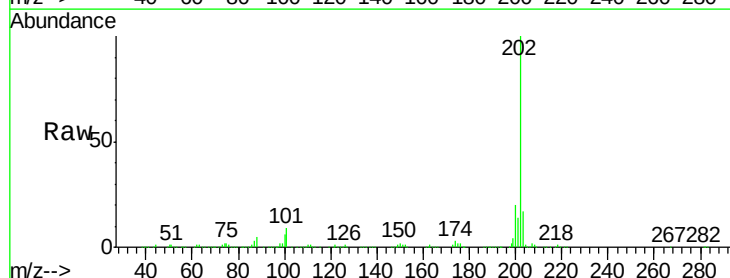
Tgt Ion:202 Resp: 463208

Ion Ratio Lower Upper

202 100

101 9.3 6.9 10.3

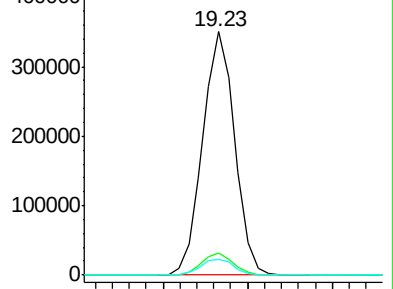
100 6.4 5.4 8.0



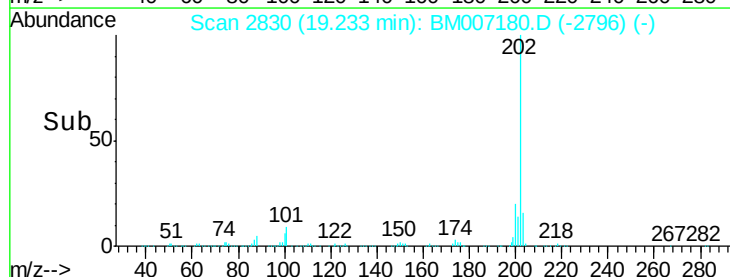
Abundance Ion 202.00 (201.70 to 202.70): E

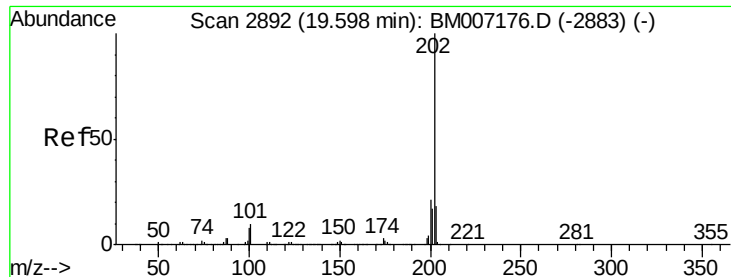
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 3.65 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

Instrument :

BNA_M

ClientSampleId :

BDJX4

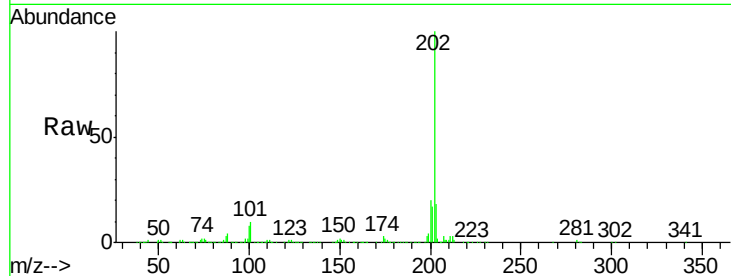
Tot Ion:202 Resp: 421533

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

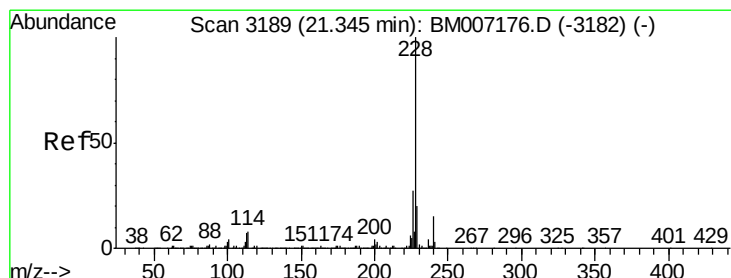
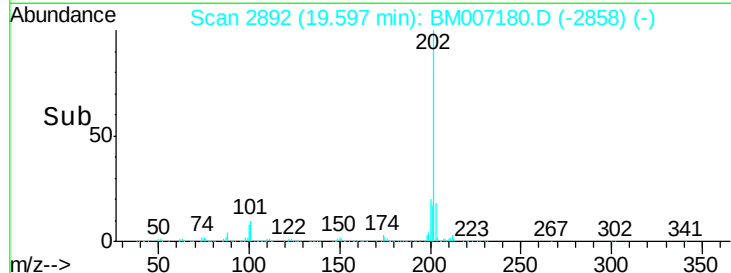
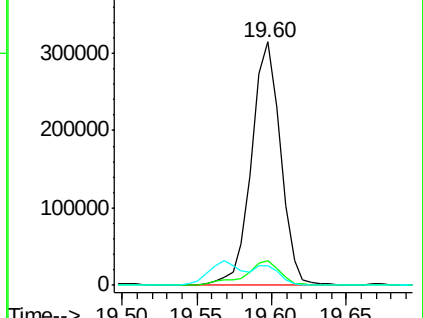
100 8.0 6.9 10.3



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): E



#80

Benzo(a)anthracene

Concen: 1.77 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

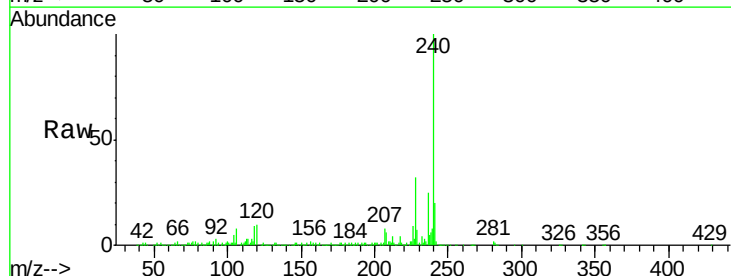
Tgt Ion:228 Resp: 218585

Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

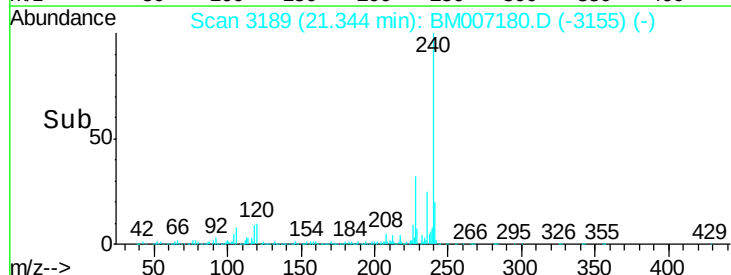
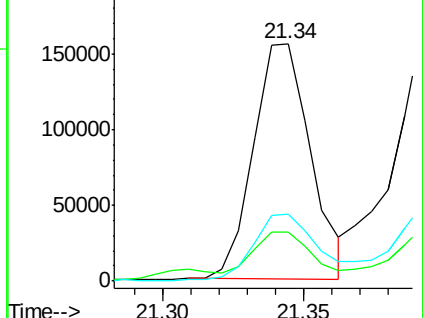
226 28.3 21.8 32.8

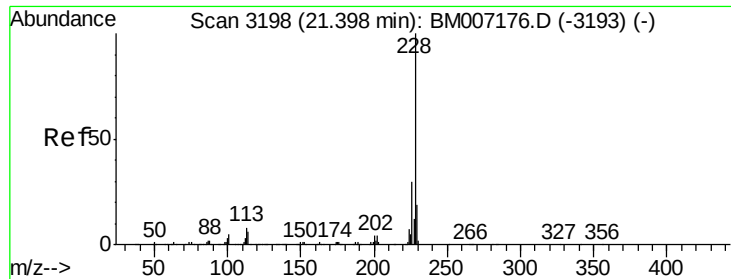


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.09 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

Instrument :

BNA_M

ClientSampleId :

BDJX4

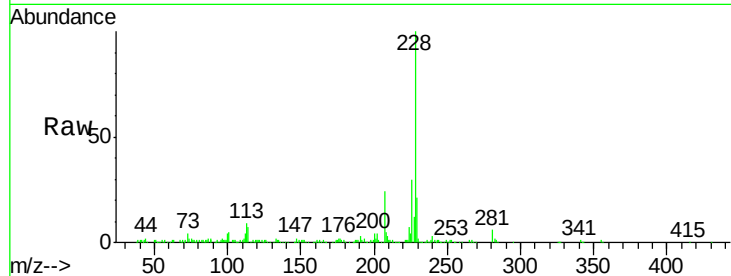
Tot Ion:228 Resp: 235226

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

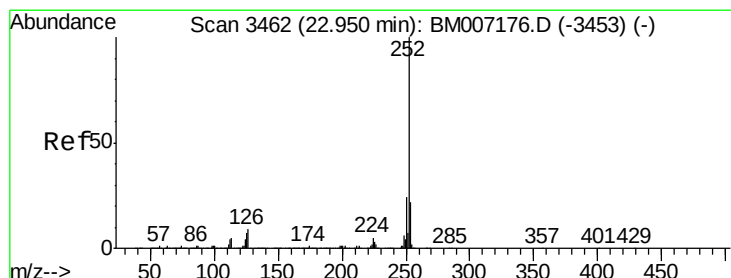
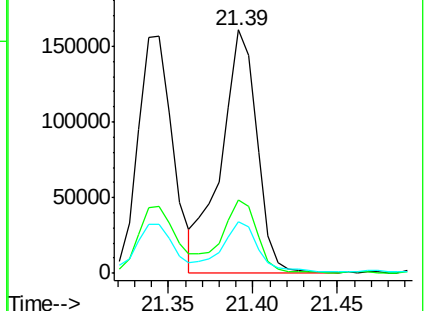
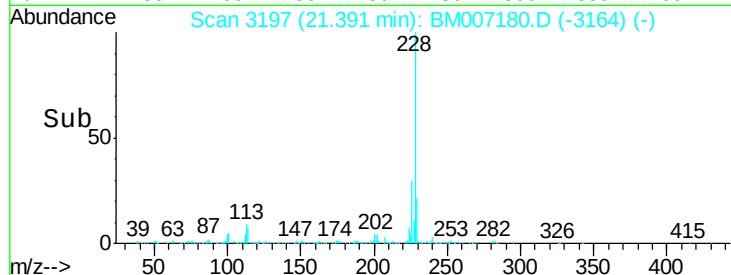
229 21.1 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 2.55 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

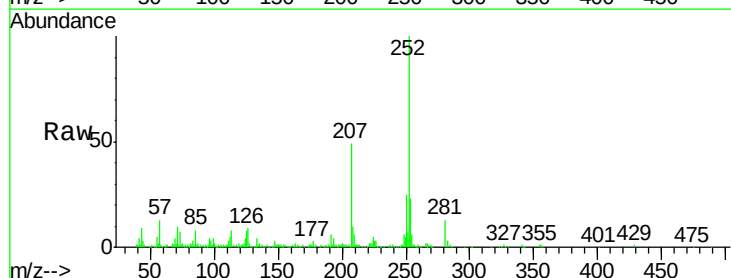
Tgt Ion:252 Resp: 335085

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

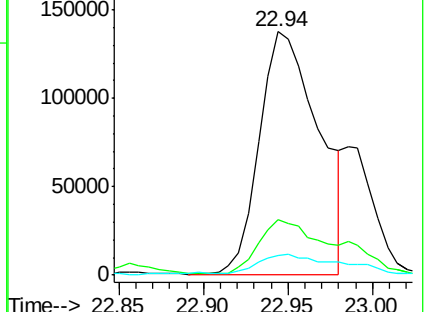
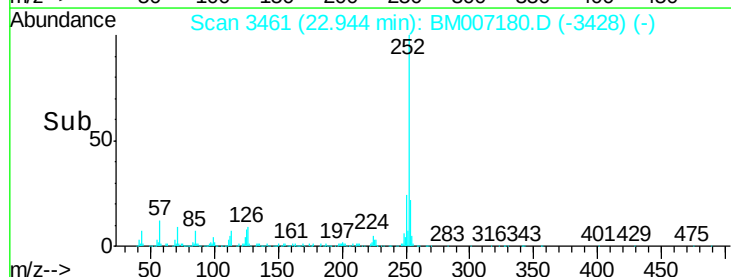
125 8.3 5.8 8.8

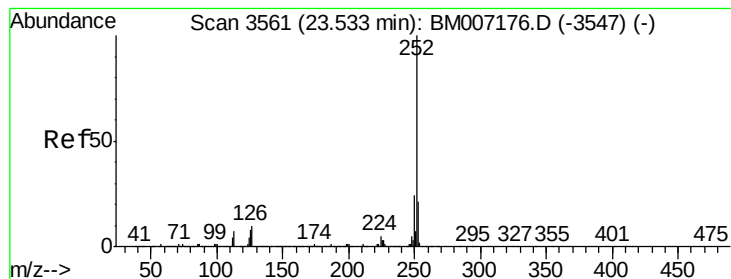


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.86 ng/ul

RT: 23.53 min Scan# 3561

Delta R.T. -0.01 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

Instrument :

BNA_M

ClientSampleId :

BDJX4

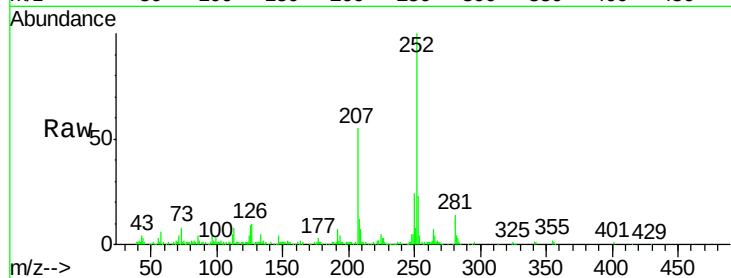
Tot Ion:252 Resp: 231855

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

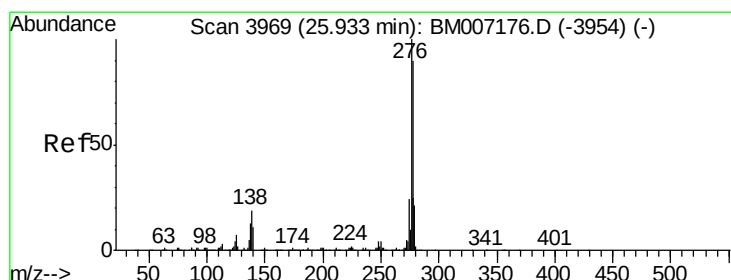
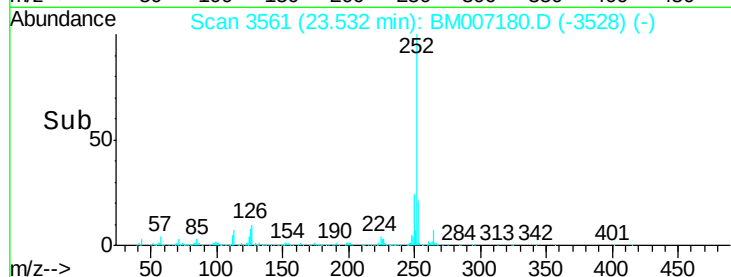
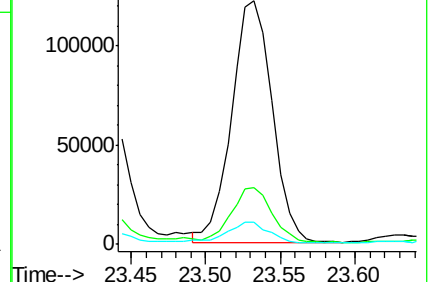
125 9.2 6.6 9.8



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul

RT: 25.91 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BM007180.D

Acq: 17 Aug 2016 15:45

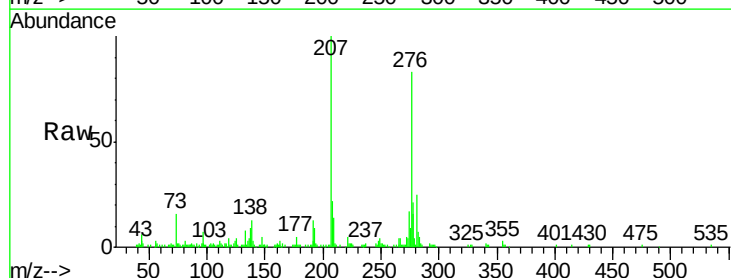
Tgt Ion:276 Resp: 161860

Ion Ratio Lower Upper

276 100

138 16.2 13.9 20.9

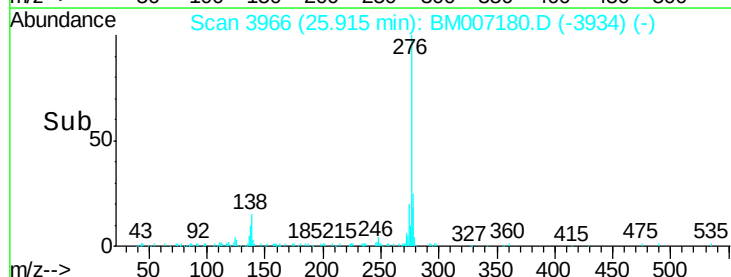
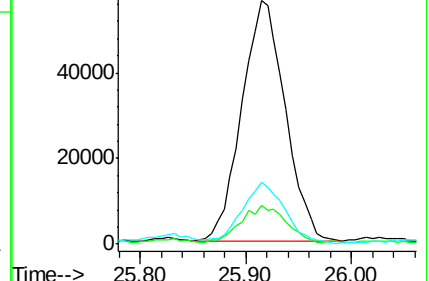
277 25.7 20.1 30.1

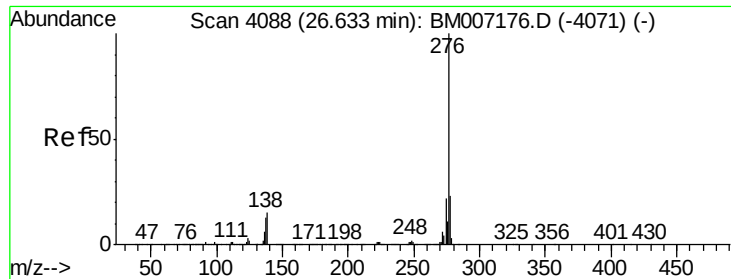


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 1.11 ng/ul
 RT: 26.61 min Scan# 4085
 Delta R.T. -0.02 min
 Lab File: BM007180.D
 Acq: 17 Aug 2016 15:45

Instrument :
 BNA_M
 ClientSampleId :
 BDJX4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.5	20.3
277	22.1	19.3	28.9

