

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003035.D
 Acq On : 01 Nov 2015 19:37
 Operator : UM/IZ
 Sample : G4210-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC769

Quant Time: Nov 02 02:51:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 02 02:48:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	131171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	556309	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	291104	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	616681	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	677892	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	672881	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9793	3.52	ng/uL	0.00
5) Phenol-d5	6.92	99	177326	17.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	120899	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	165971	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	79792	9.54	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	73157	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	74689	21.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	145082	18.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	134995	13.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	481484	21.99	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	576743	20.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	42441	11.50	ng/ul	0.00
58) Fluorene-d10	15.40	176	429852	22.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	40871	14.31	ng/ul	0.00
71) Anthracene-d10	17.25	188	611677	22.37	ng/ul	0.00
79) Pyrene-d10	19.54	212	674649	20.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	721740	22.57	ng/ul	0.00

Target Compounds

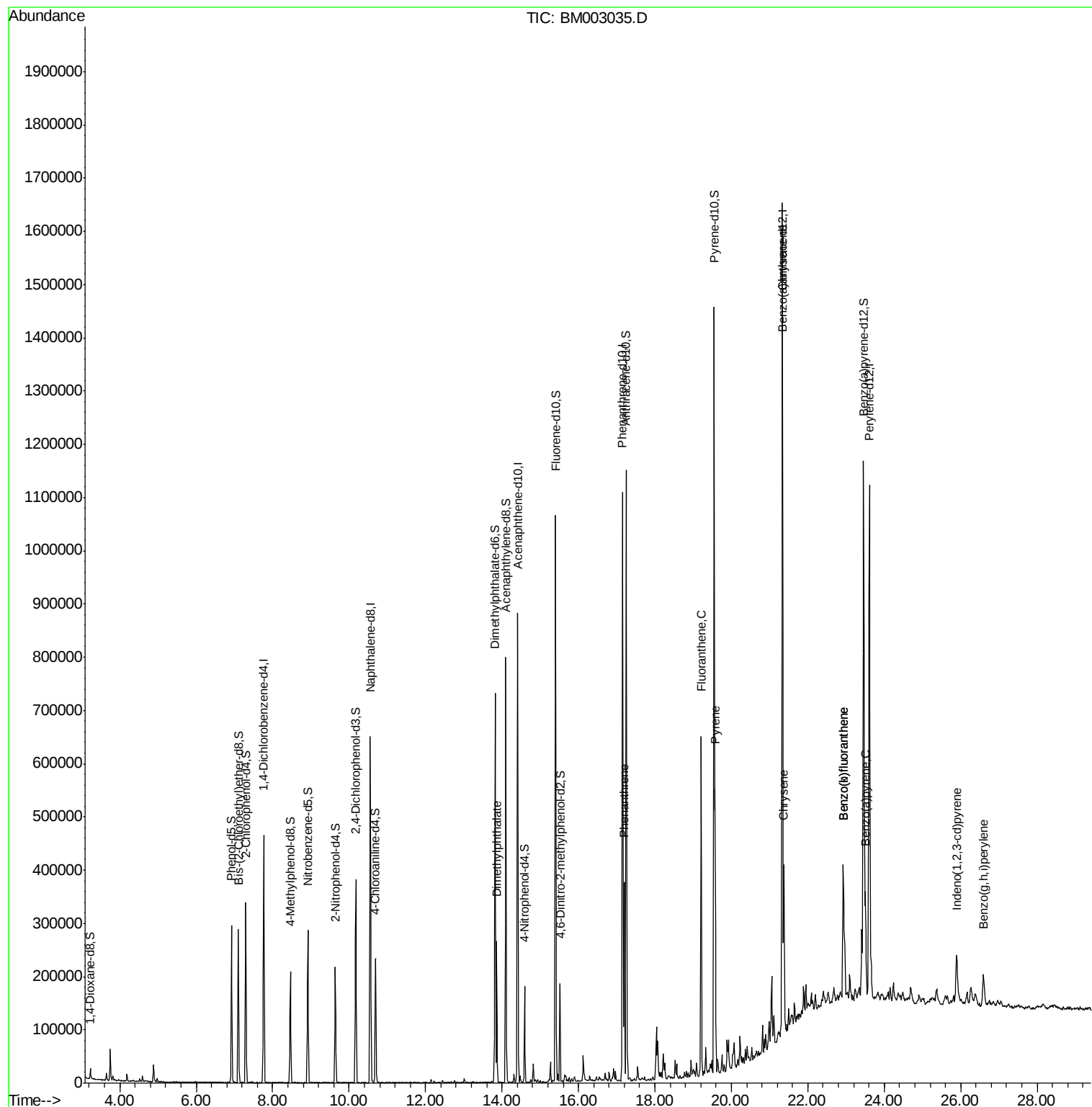
						Qvalue
45) Dimethylphthalate	13.86	163	168120	7.53	ng/ul	100
70) Phenanthrene	17.19	178	219688	6.29	ng/ul	99
77) Fluoranthene	19.21	202	368264	10.43	ng/ul	98
80) Pyrene	19.57	202	305491	6.89	ng/ul	96
83) Benzo(a)anthracene	21.33	228	161199	4.33	ng/ul	96
85) Chrysene	21.37	228	172066	4.67	ng/ul	97
88) Benzo(b)fluoranthene	22.93	252	211059	5.44	ng/ul	98
89) Benzo(k)fluoranthene	22.93	252	74764	2.07	ng/ul	97
91) Benzo(a)pyrene	23.51	252	126464	3.45	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.89	276	87982	2.18	ng/ul#	89
94) Benzo(g,h,i)perylene	26.60	276	71528	1.97	ng/ul	96

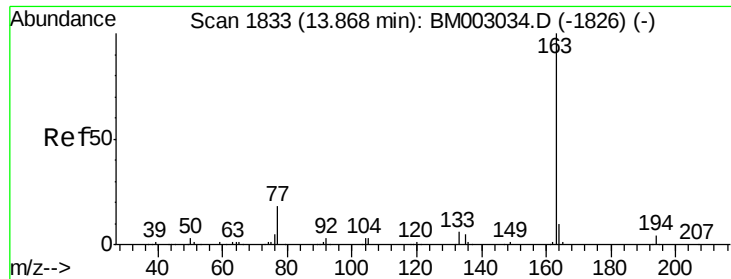
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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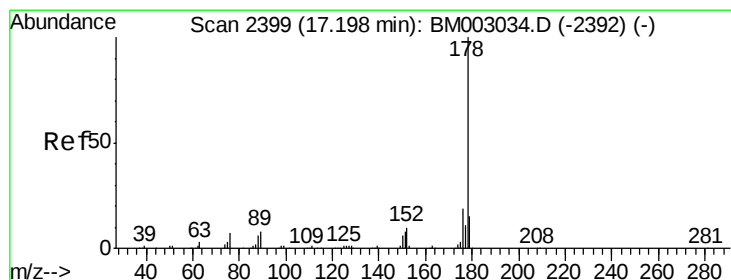
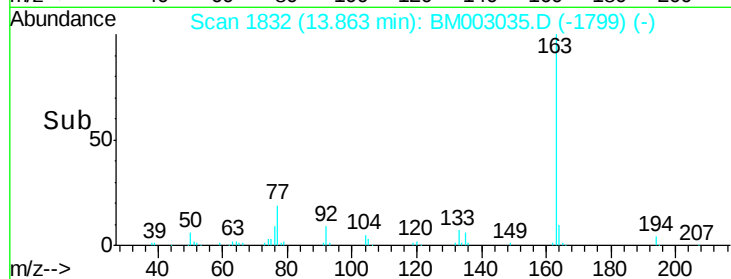
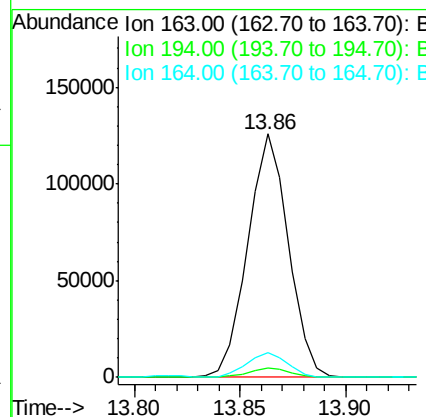
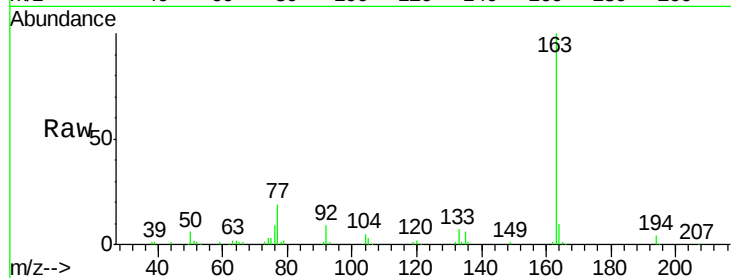




#45
Dimethylphthalate
Concen: 7.53 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM003035.D
Acq: 01 Nov 2015 19:37

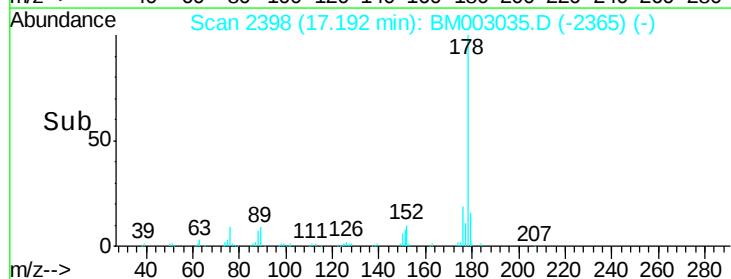
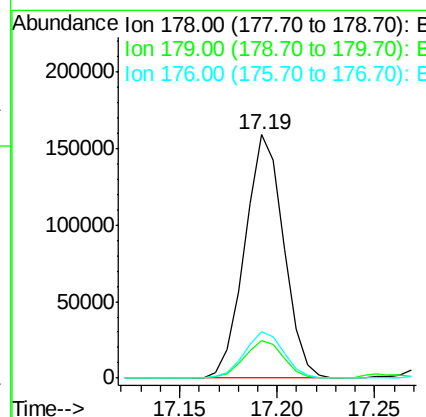
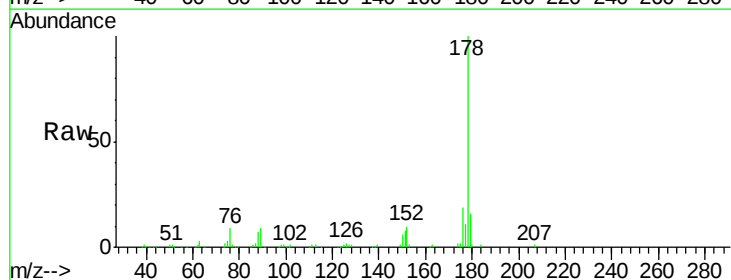
Instrument :
BNA_M
ClientSampleId :
BC769

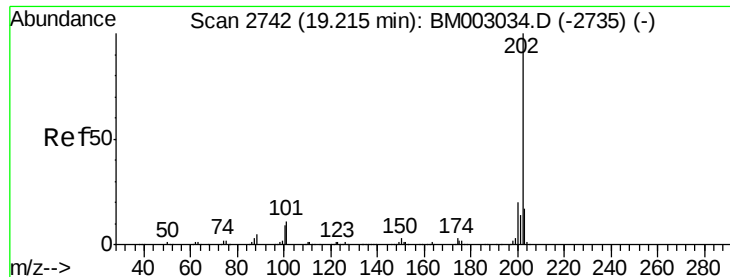
Tgt Ion:163 Resp: 168120
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 7.8 11.8



#70
Phenanthrene
Concen: 6.29 ng/ul
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM003035.D
Acq: 01 Nov 2015 19:37

Tgt Ion:178 Resp: 219688
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.0 14.7 22.1

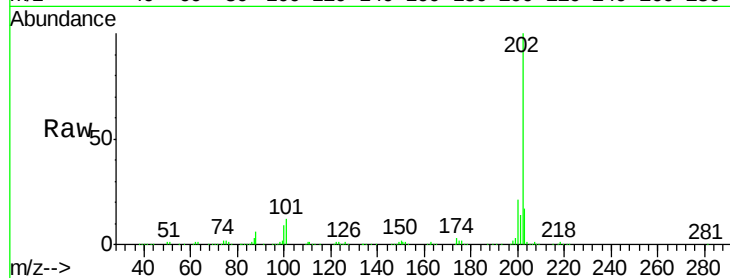




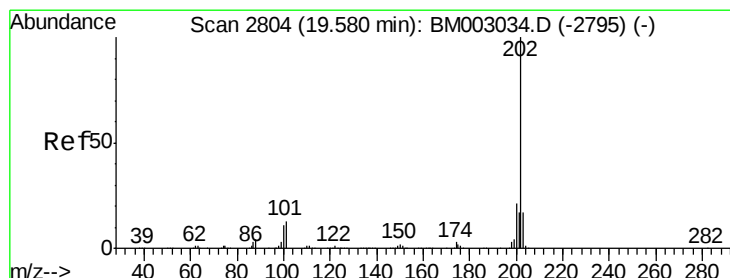
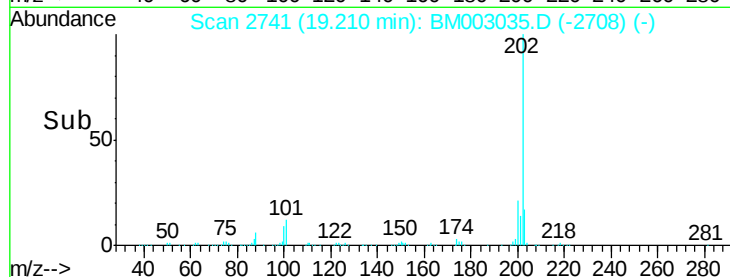
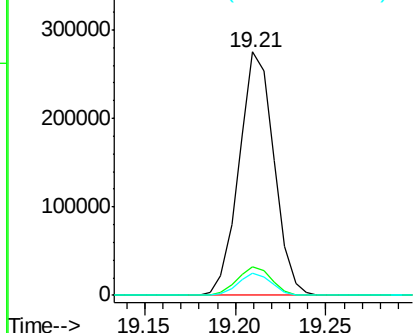
#77
Fluoranthene
 Concen: 10.43 ng/ul
 RT: 19.21 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM003035.D
 Acq: 01 Nov 2015 19:37

Instrument :
 BNA_M
 ClientSampleId :
 BC769

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.4	15.6
100	9.0	7.8	11.6

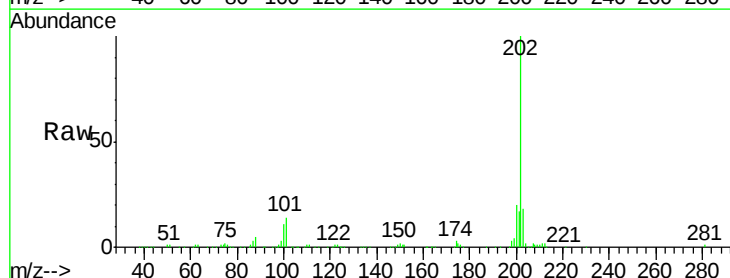


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

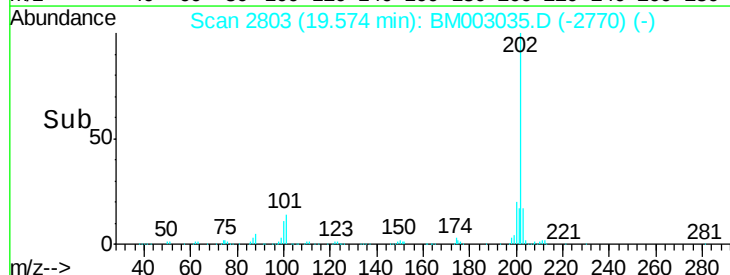
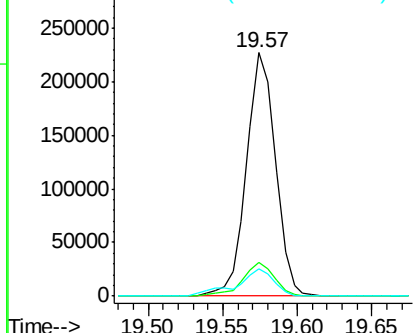


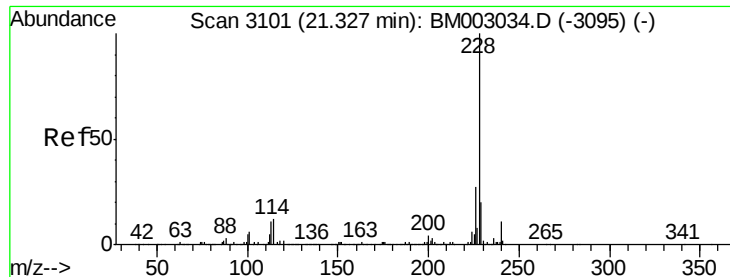
#80
Pyrene
 Concen: 6.89 ng/ul
 RT: 19.57 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM003035.D
 Acq: 01 Nov 2015 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.6	18.8
100	11.4	10.6	15.8



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

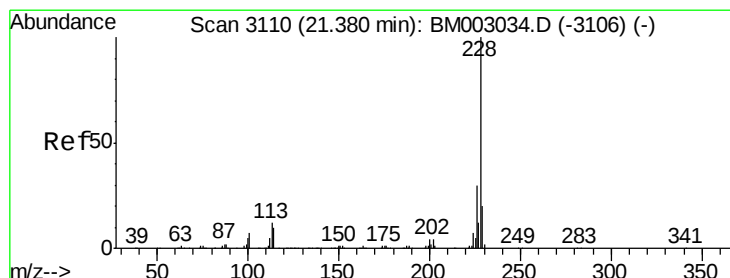
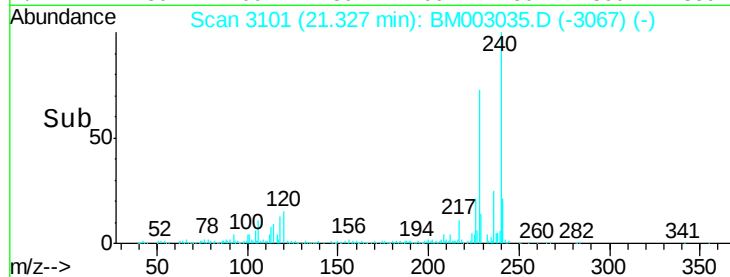
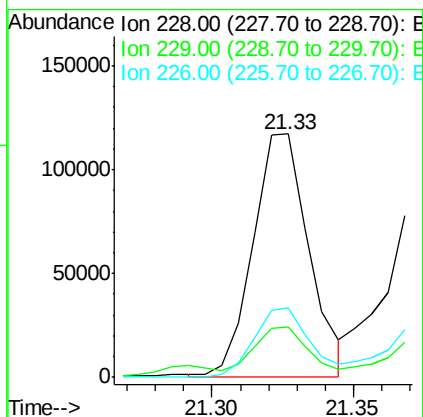
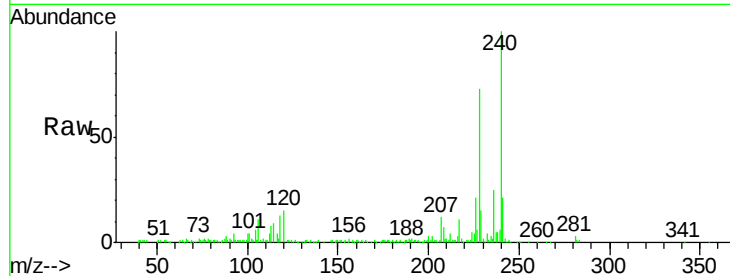




#83
Benzo(a)anthracene
Concen: 4.33 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM003035.D
Acq: 01 Nov 2015 19:37

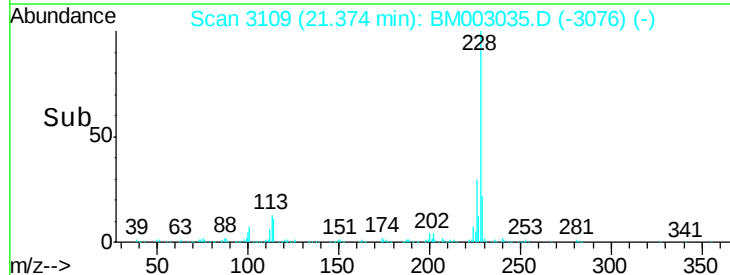
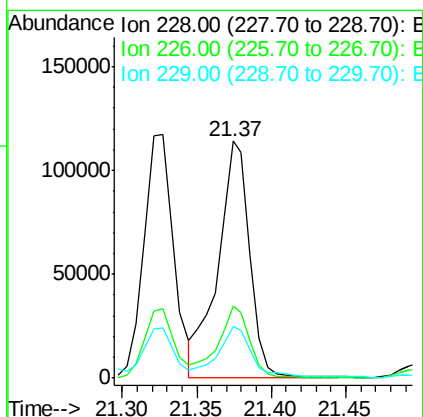
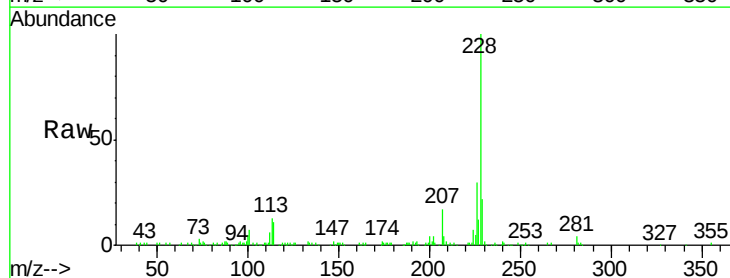
Instrument :
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ClientSampleId :
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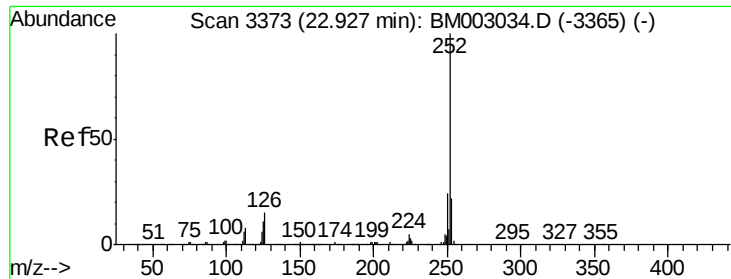
Tgt Ion:228 Resp: 161199
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.8 21.0 31.6



#85
Chrysene
Concen: 4.67 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM003035.D
Acq: 01 Nov 2015 19:37

Tgt Ion:228 Resp: 172066
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 22.0 15.8 23.6





#88

Benzo(b)fluoranthene

Concen: 5.44 ng/ul

RT: 22.93 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM003035.D

Acq: 01 Nov 2015 19:37

Instrument :

BNA_M

ClientSampleId :

BC769

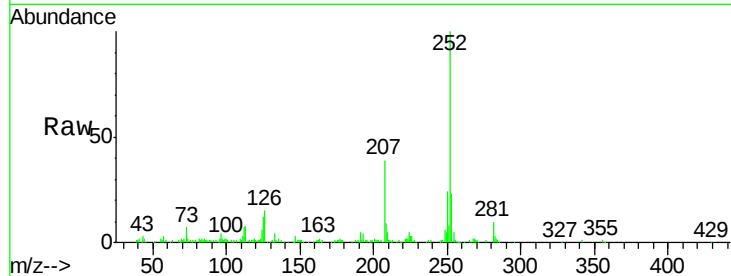
Tgt Ion:252 Resp: 211059

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

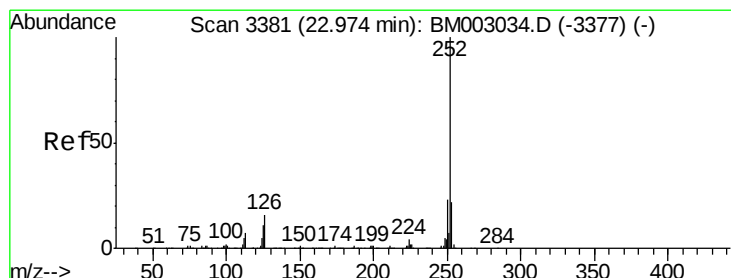
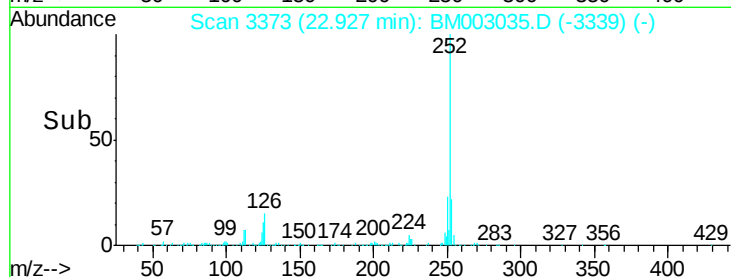
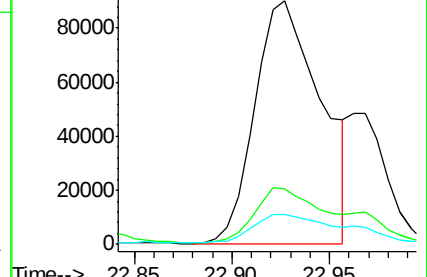
125 12.1 10.7 16.1



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

Benzo(k)fluoranthene

Concen: 2.07 ng/ul

RT: 22.93 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BM003035.D

Acq: 01 Nov 2015 19:37

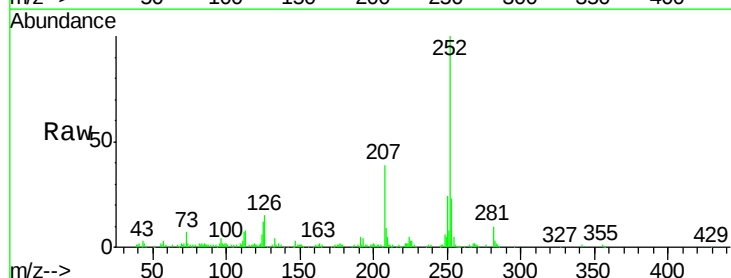
Tgt Ion:252 Resp: 74764

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

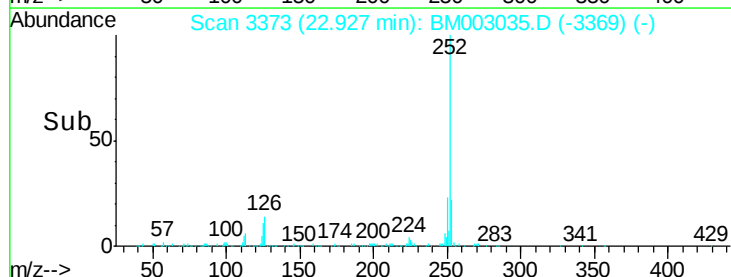
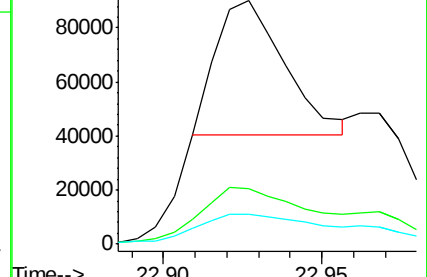
125 12.1 11.1 16.7

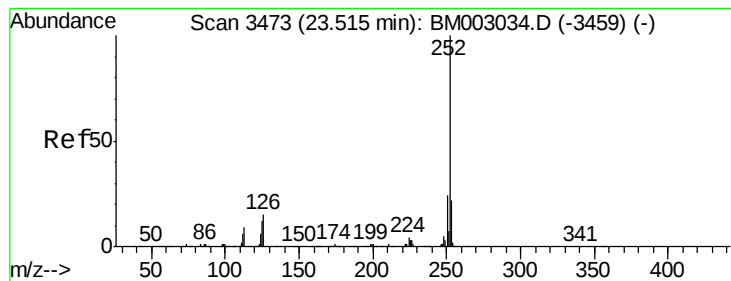


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.45 ng/ul

RT: 23.51 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM003035.D

Acq: 01 Nov 2015 19:37

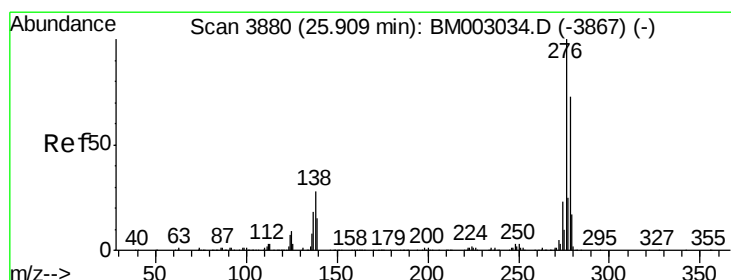
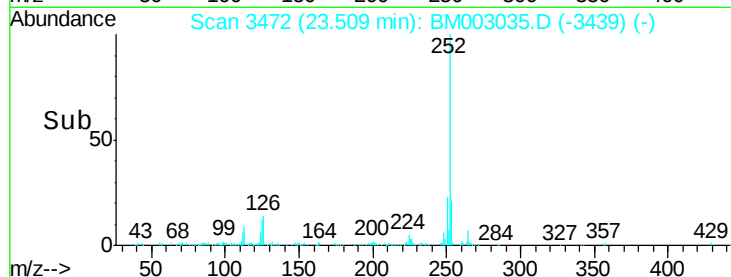
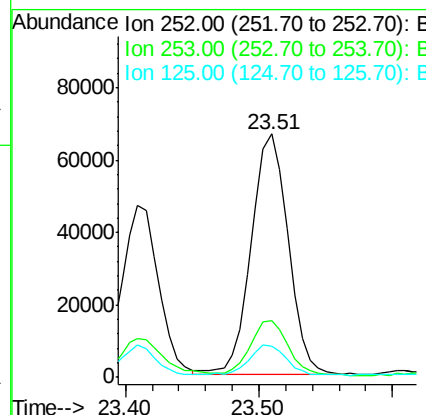
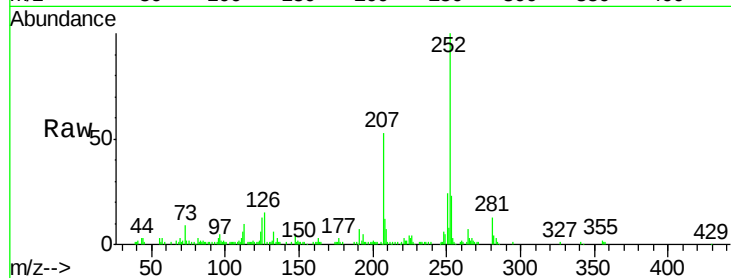
Instrument :

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Tgt Ion:	252	Resp:	126464
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	12.7	11.9	17.9



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.18 ng/ul

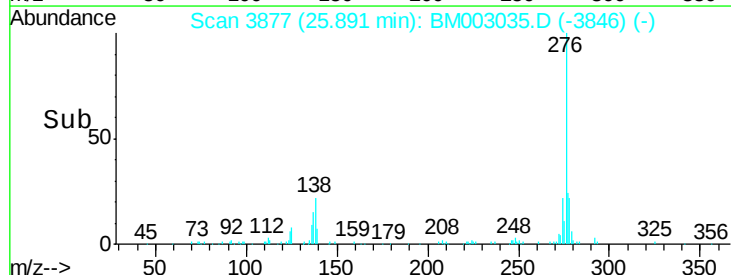
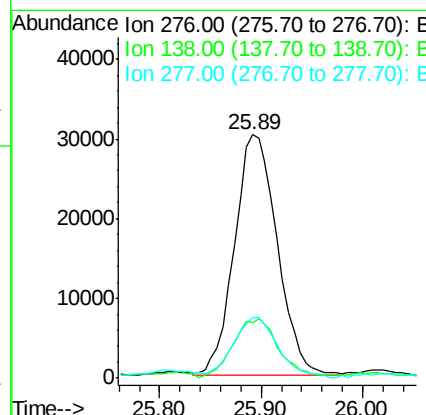
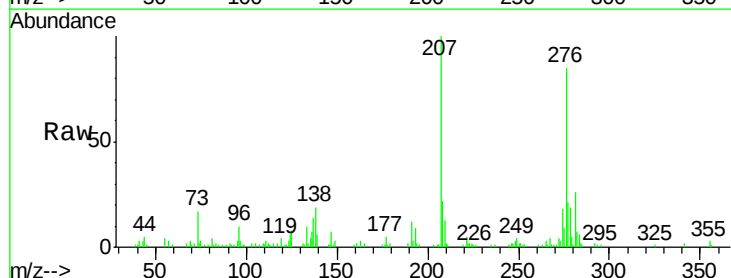
RT: 25.89 min Scan# 3877

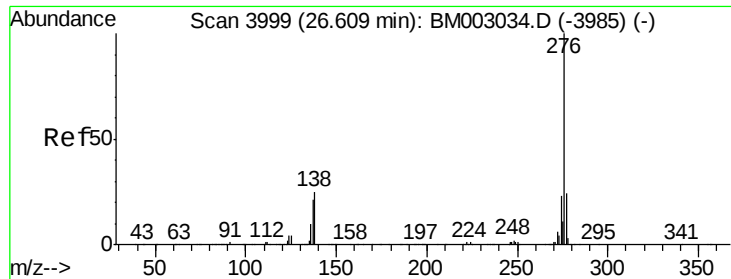
Delta R.T. -0.02 min

Lab File: BM003035.D

Acq: 01 Nov 2015 19:37

Tgt Ion:	276	Resp:	87982
Ion Ratio	Lower	Upper	
276	100		
138	22.9	26.6	40.0#
277	24.8	20.2	30.4





#94

Benzo(g,h,i)perylene

Concen: 1.97 ng/ul

RT: 26.60 min Scan# 3997

Delta R.T. -0.01 min

Lab File: BM003035.D

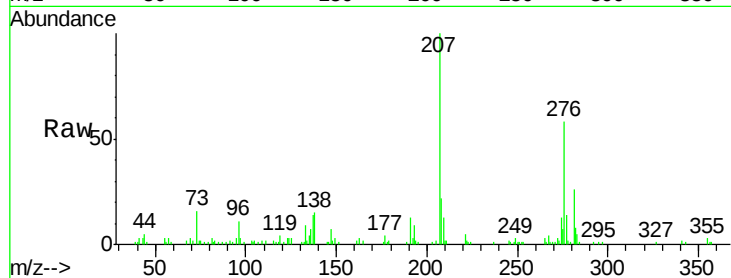
Acq: 01 Nov 2015 19:37

Instrument :

BNA_M

ClientSampleId :

BC769



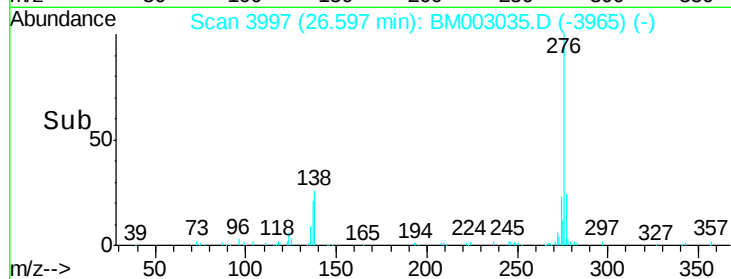
Tgt Ion: 276 Resp: 71528

Ion Ratio Lower Upper

276 100

138 26.1 23.8 35.6

277 24.4 19.4 29.2



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

