

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002020.D
 Acq On : 23 Jul 2015 17:22
 Operator : TP/UM
 Sample : G3000-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C2RE

Quant Time: Jul 24 01:33:03 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	77078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	290750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	160574	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	342789	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	387470	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	393955	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	9063	5.75	ng/uL	0.00
5) Phenol-d5	6.79	99	202245	32.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	112474	32.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	178134	35.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	164875	31.90	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	78275	36.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	87537	36.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	163854	33.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	156192	31.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	416093	32.13	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	435774	27.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	66660	30.39	ng/ul	0.00
57) Fluorene-d10	15.27	176	269476	24.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	21258	9.58	ng/ul	0.00
70) Anthracene-d10	17.13	188	393774	24.47	ng/ul	0.00
78) Pyrene-d10	19.43	212	372767	21.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	360929	18.12	ng/ul	0.00

Target Compounds

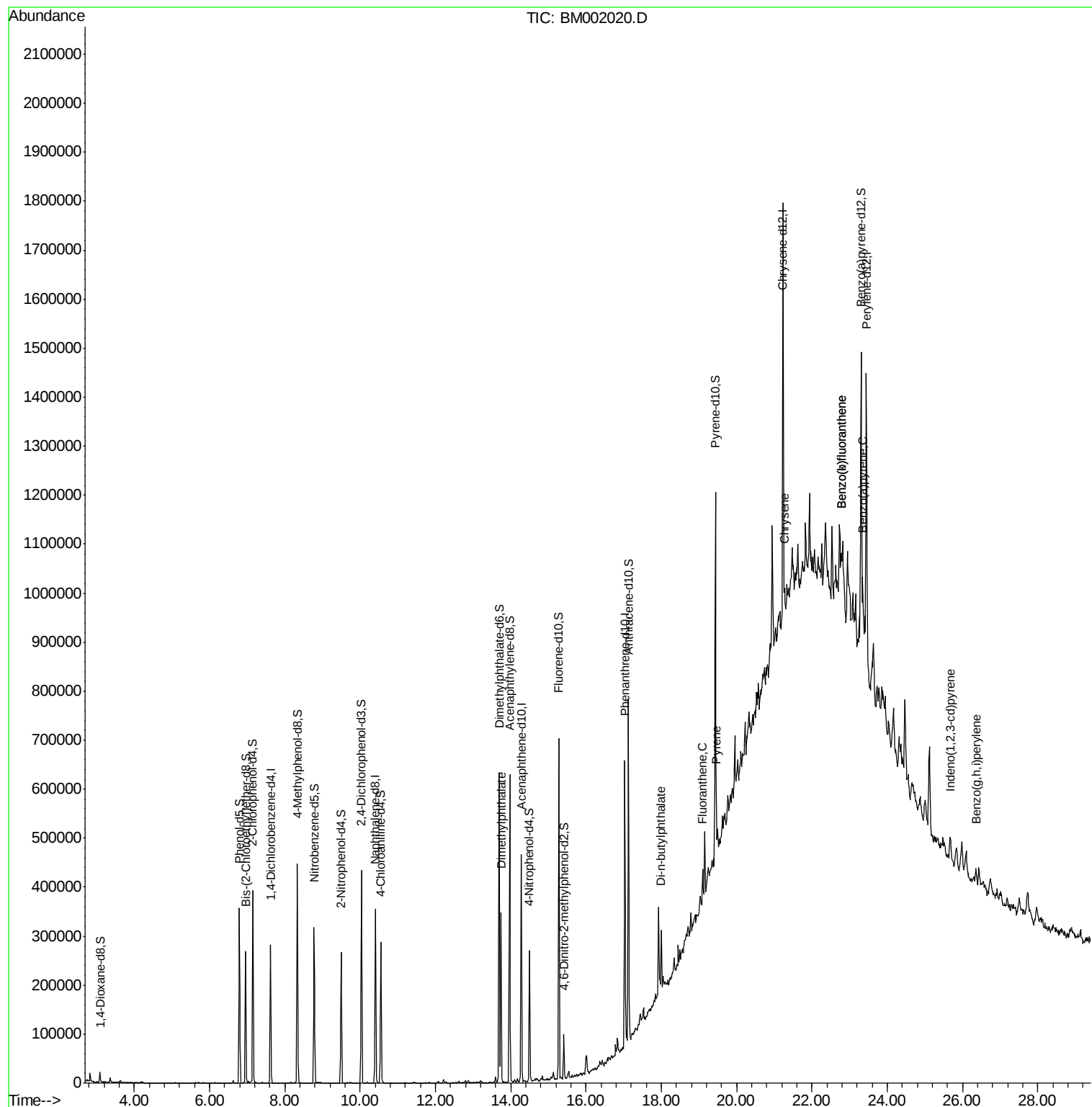
						Qvalue
44) Dimethylphthalate	13.74	163	219235	16.64	ng/ul	99
75) Di-n-butylphthalate	18.00	149	90539	4.54	ng/ul	97
76) Fluoranthene	19.09	202	36448	1.68	ng/ul#	97
79) Pyrene	19.46	202	38733	1.67	ng/ul	97
84) Chrysene	21.26	228	27270	1.26	ng/ul#	85
87) Benzo(b)fluoranthene	22.78	252	55635	2.30	ng/ul#	62
88) Benzo(k)fluoranthene	22.78	252	26824	1.16	ng/ul#	63
90) Benzo(a)pyrene	23.35	252	29511	1.30	ng/ul#	54
91) Indeno(1,2,3-cd)pyrene	25.67	276	30165	1.27	ng/ul#	93
93) Benzo(g,h,i)perylene	26.35	276	30178	1.54	ng/ul#	86

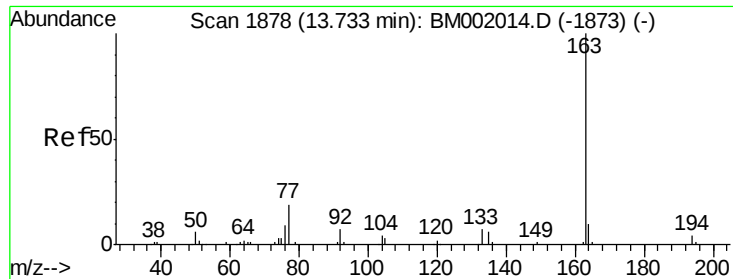
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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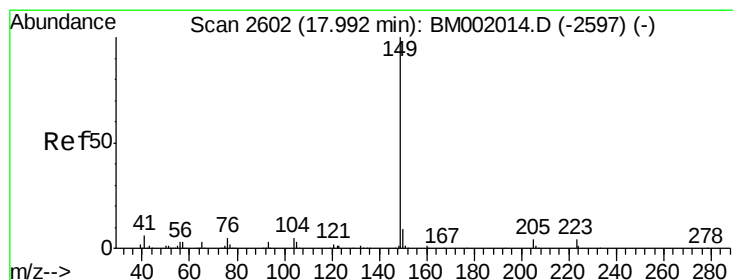
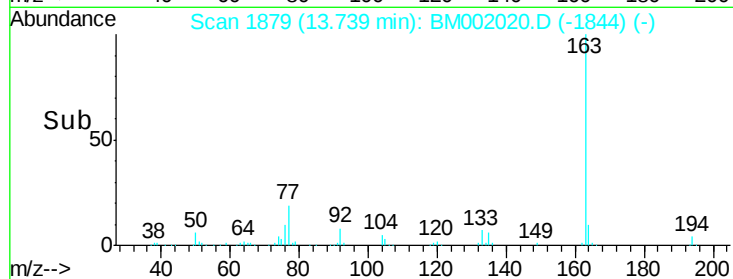
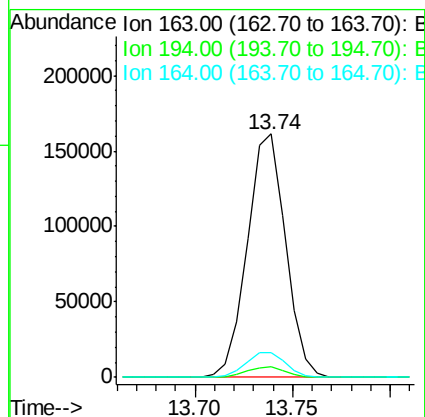
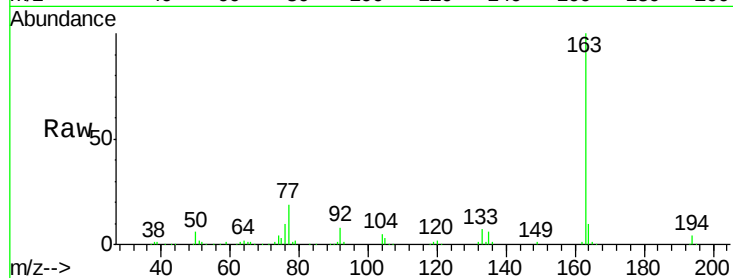




#44
Dimethylphthalate
Concen: 16.64 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002020.D
Acq: 23 Jul 2015 17:22

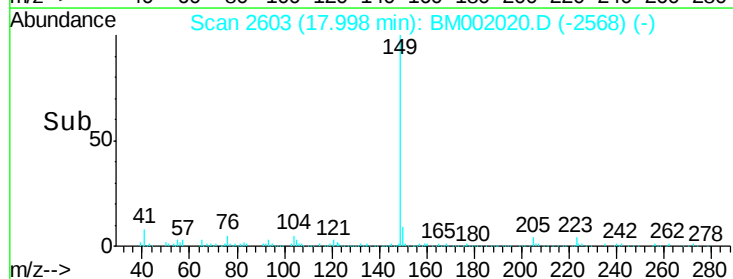
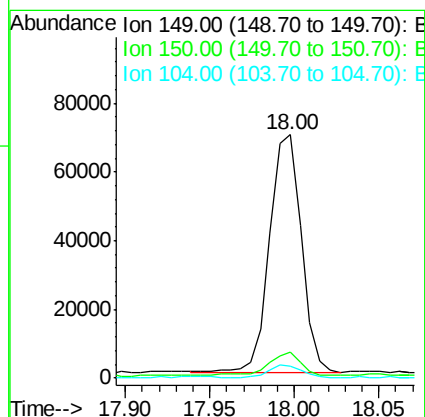
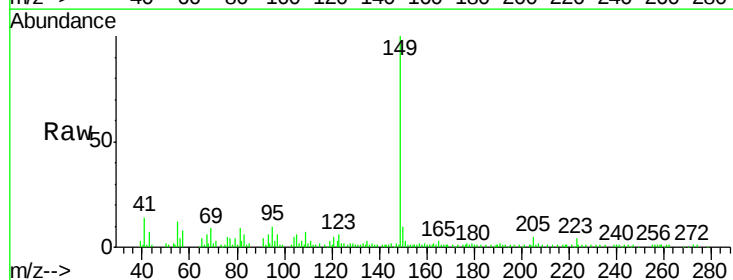
Instrument :
BNA_M
ClientSampleId :
C02C2RE

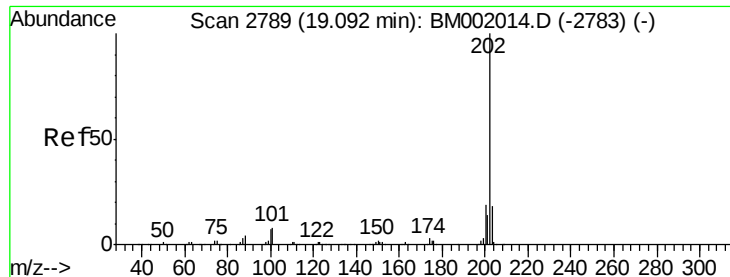
Tgt Ion:163 Resp: 219235
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.2 12.4



#75
Di-n-butylphthalate
Concen: 4.54 ng/ul
RT: 18.00 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BM002020.D
Acq: 23 Jul 2015 17:22

Tgt Ion:149 Resp: 90539
Ion Ratio Lower Upper
149 100
150 10.5 7.3 10.9
104 5.0 4.3 6.5

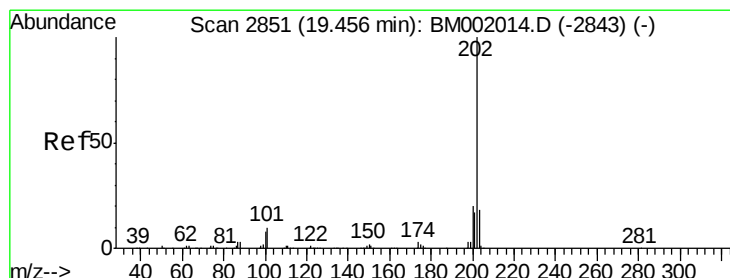
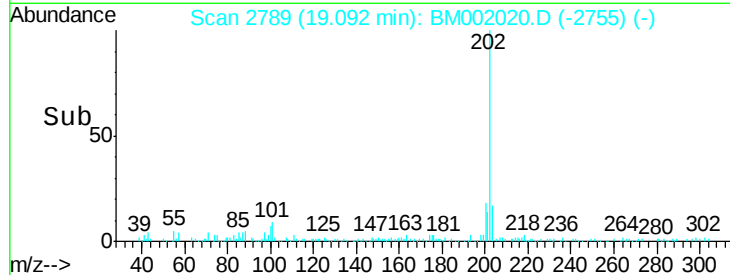
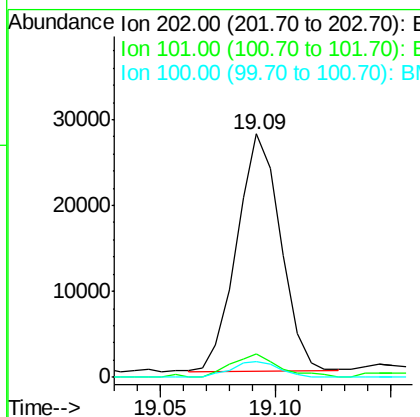
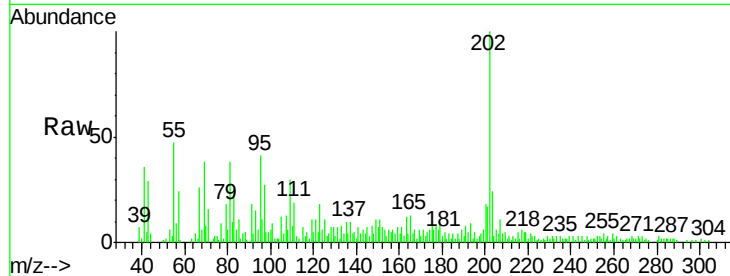




#76
Fluoranthene
Concen: 1.68 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM002020.D
Acq: 23 Jul 2015 17:22

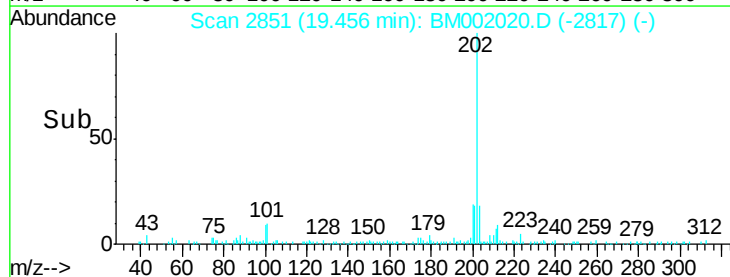
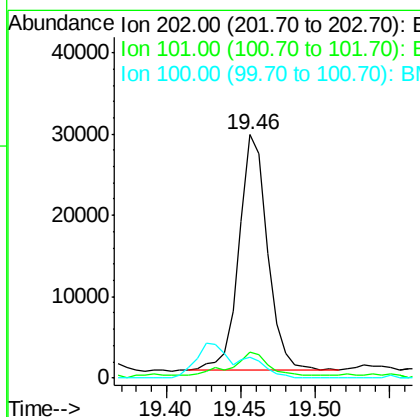
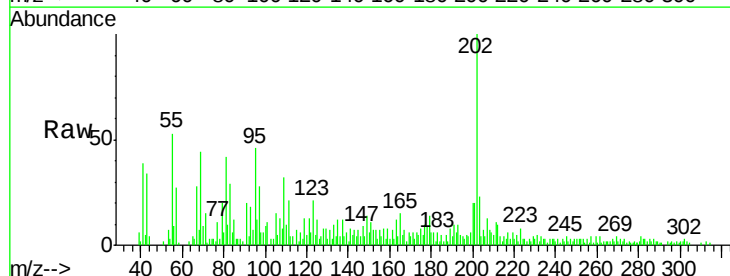
Instrument :
BNA_M
ClientSampleId :
C02C2RE

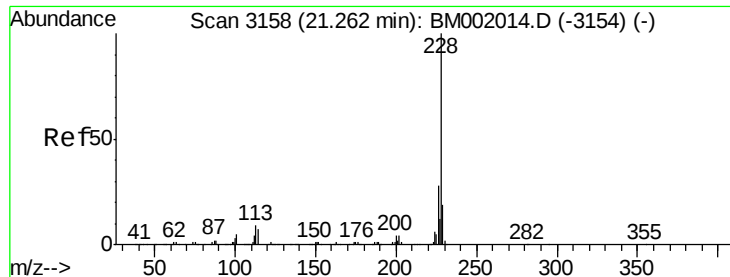
Tgt Ion:202 Resp: 36448
Ion Ratio Lower Upper
202 100
101 9.5 6.3 9.5#
100 6.5 5.0 7.4



#79
Pyrene
Concen: 1.67 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BM002020.D
Acq: 23 Jul 2015 17:22

Tgt Ion:202 Resp: 38733
Ion Ratio Lower Upper
202 100
101 10.6 7.3 10.9
100 8.6 6.2 9.4





#84

Chrysene

Concen: 1.26 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BM002020.D

Acq: 23 Jul 2015 17:22

Instrument :

BNA_M

ClientSampleId :

C02C2RE

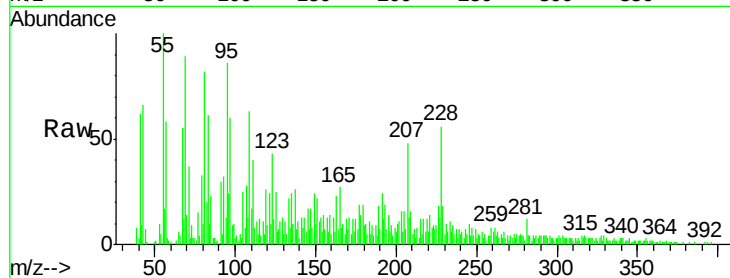
Tgt Ion:228 Resp: 27270

Ion Ratio Lower Upper

228 100

226 32.0 23.0 34.4

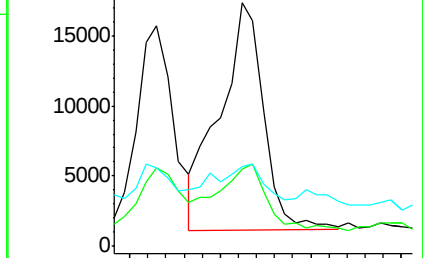
229 32.7 15.6 23.4#



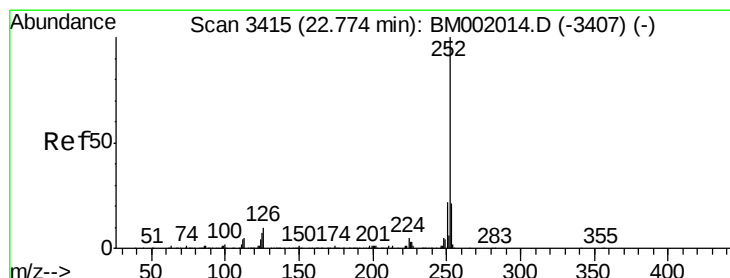
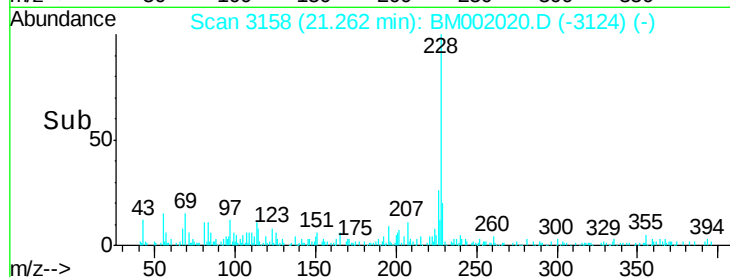
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 2.30 ng/ul

RT: 22.78 min Scan# 3416

Delta R.T. 0.01 min

Lab File: BM002020.D

Acq: 23 Jul 2015 17:22

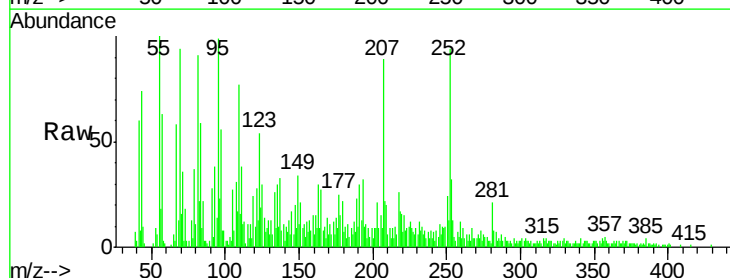
Tgt Ion:252 Resp: 55635

Ion Ratio Lower Upper

252 100

253 34.1 17.2 25.8#

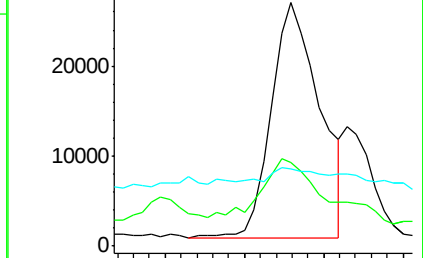
125 31.6 5.3 7.9#



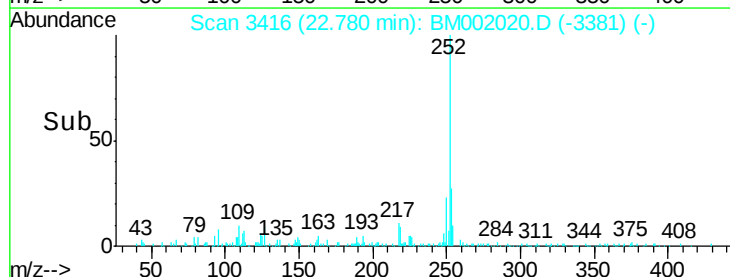
Abundance Ion 252.00 (251.70 to 252.70): E

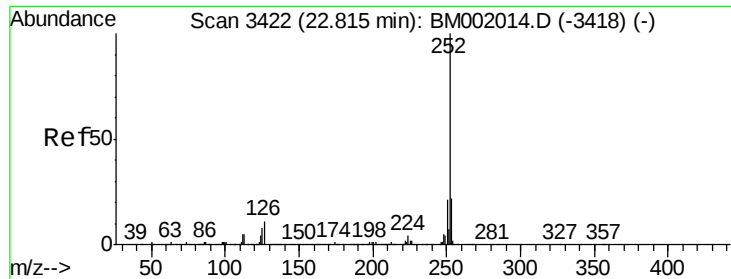
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(k)fluoranthene

Concen: 1.16 ng/ul

RT: 22.78 min Scan# 3416

Delta R.T. -0.04 min

Lab File: BM002020.D

Acq: 23 Jul 2015 17:22

Instrument :

BNA_M

ClientSampleId :

C02C2RE

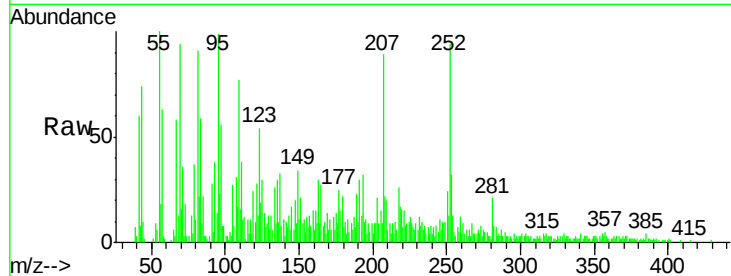
Tgt Ion:252 Resp: 26824

Ion Ratio Lower Upper

252 100

253 34.1 17.4 26.2#

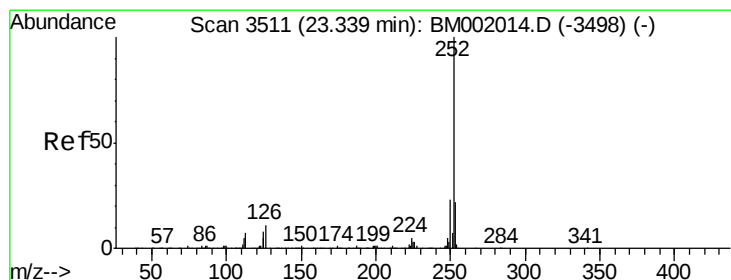
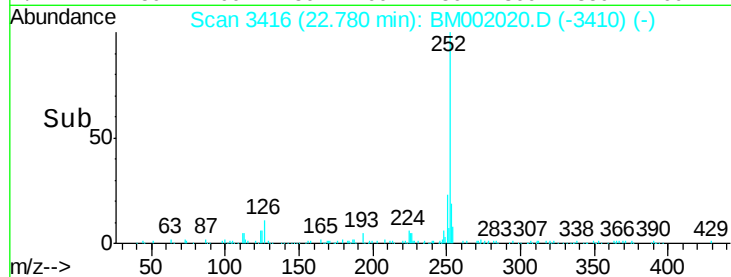
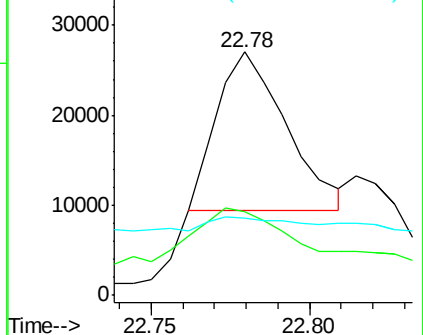
125 31.6 5.1 7.7#



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



#90

Benzo(a)pyrene

Concen: 1.30 ng/ul

RT: 23.35 min Scan# 3513

Delta R.T. 0.01 min

Lab File: BM002020.D

Acq: 23 Jul 2015 17:22

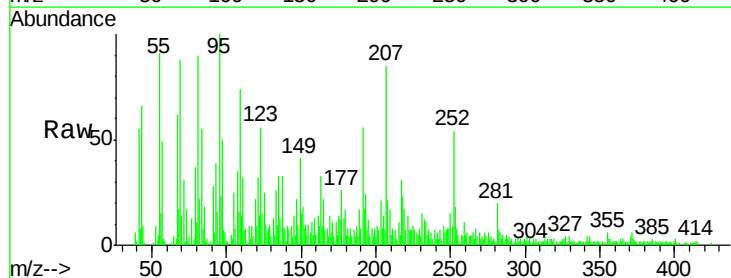
Tgt Ion:252 Resp: 29511

Ion Ratio Lower Upper

252 100

253 33.0 17.6 26.4#

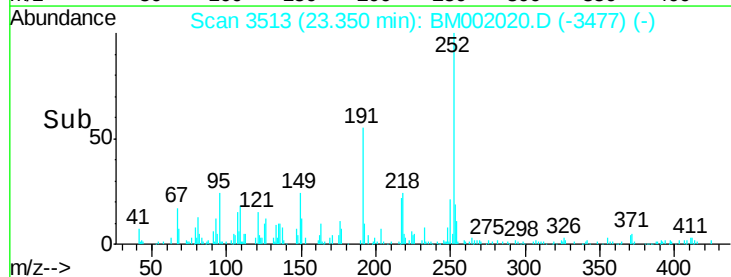
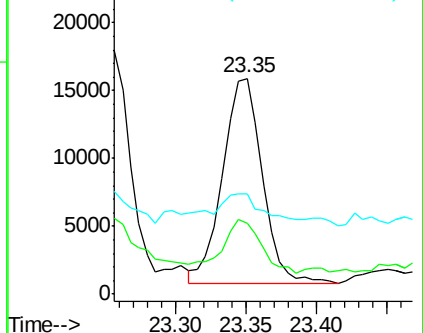
125 46.6 6.0 9.0#

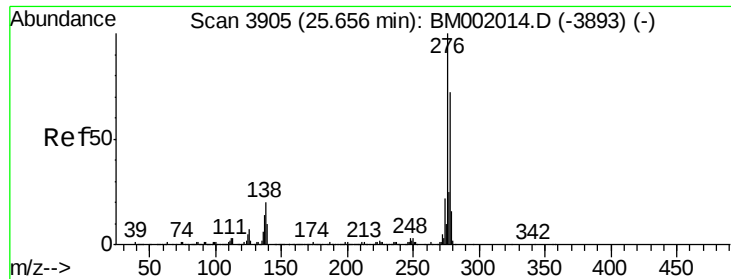


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.27 ng/ul

RT: 25.67 min Scan# 3907

Delta R.T. 0.01 min

Lab File: BM002020.D

Acq: 23 Jul 2015 17:22

Instrument :

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ClientSampleId :

C02C2RE

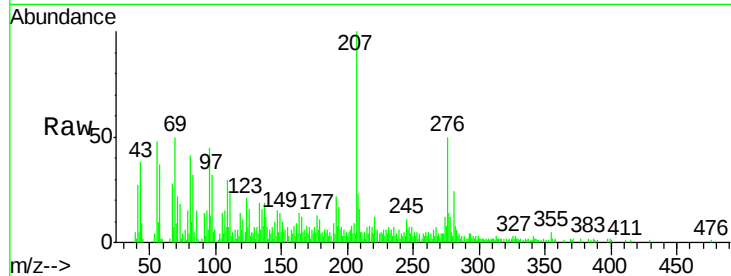
Tgt Ion:276 Resp: 30165

Ion Ratio Lower Upper

276 100

138 23.2 15.2 22.8#

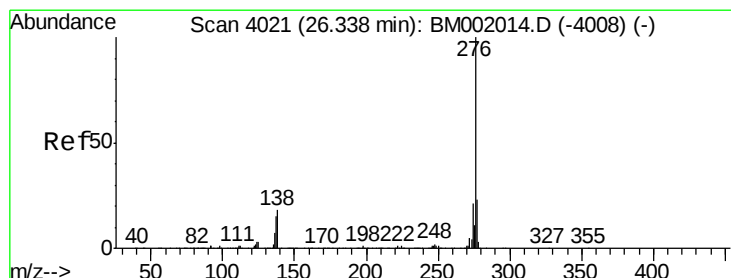
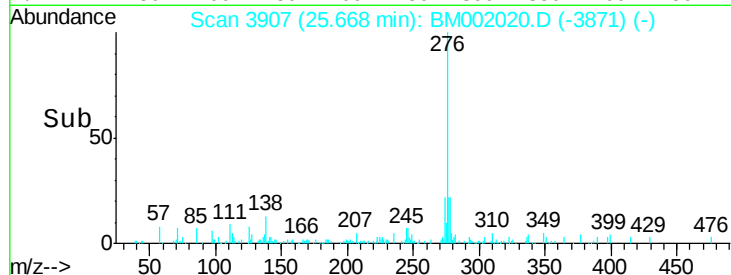
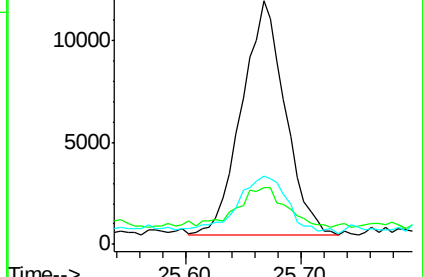
277 28.1 20.1 30.1



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



#93

Benzo(g,h,i)perylene

Concen: 1.54 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM002020.D

Acq: 23 Jul 2015 17:22

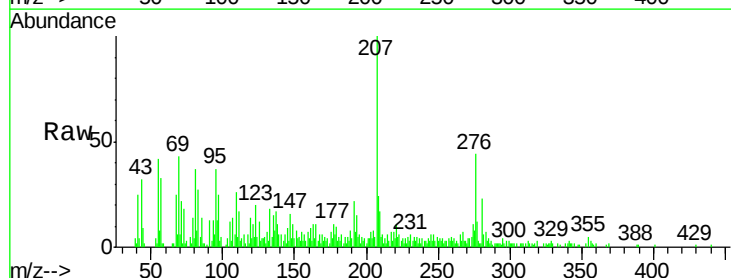
Tgt Ion:276 Resp: 30178

Ion Ratio Lower Upper

276 100

138 25.2 12.7 19.1#

277 27.8 18.6 28.0



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

