

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021016\
 Data File : BG020835.D
 Acq On : 10 Feb 2016 11:29
 Operator : SJ/UM
 Sample : H1390-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04L5

Quant Time: Feb 11 03:29:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 11 03:24:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	19652	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	102812	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	62223	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	125394	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	111354	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	104405	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	948	2.34	ng/uL	0.00
5) Phenol-d5	7.41	99	26786	13.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	16269	15.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	23539	15.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	22124	12.78	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	12561	15.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	12700	15.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	23731	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	33623	15.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	80878	15.11	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	103843	15.88	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10233	9.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	72523	15.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	4972	8.18	ng/ul	0.00
71) Anthracene-d10	17.72	188	99758	16.10	ng/ul	0.00
79) Pyrene-d10	19.98	212	97306	17.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	95151	16.45	ng/ul	0.00

Target Compounds

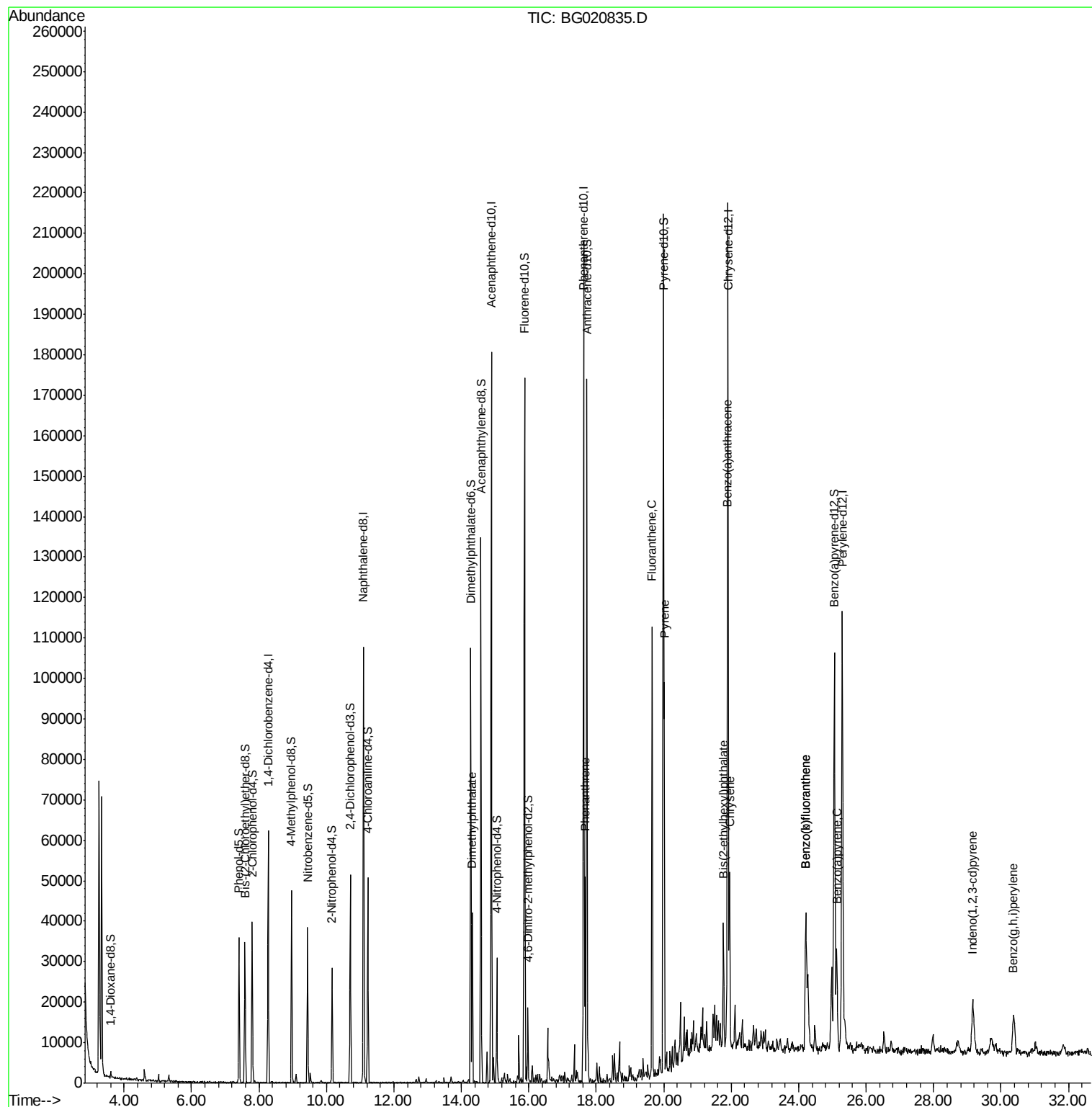
						Qvalue
45) Dimethylphthalate	14.33	163	30673	5.50	ng/ul	98
70) Phenanthrene	17.66	178	32603	4.13	ng/ul	99
77) Fluoranthene	19.66	202	65947	8.06	ng/ul	96
80) Pyrene	20.01	202	57456	7.14	ng/ul	99
83) Benzo(a)anthracene	21.88	228	31041	4.28	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.77	149	13917	2.46	ng/ul	96
85) Chrysene	21.95	228	30391	4.54	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	40004	5.63	ng/ul	96
89) Benzo(k)fluoranthene	24.21	252	40004	5.89	ng/ul	96
91) Benzo(a)pyrene	25.13	252	27196	4.04	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	29.17	276	19404	2.50	ng/ul	97
94) Benzo(g,h,i)perylene	30.36	276	17030	2.68	ng/ul	99

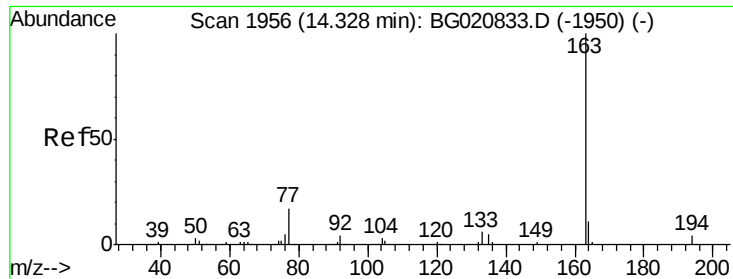
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 11 03:29:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 11 03:24:50 2016
Response via : Initial Calibration

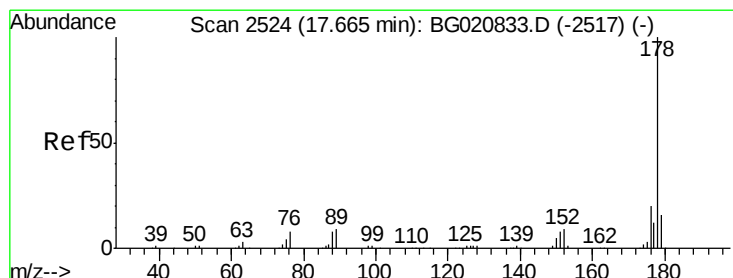
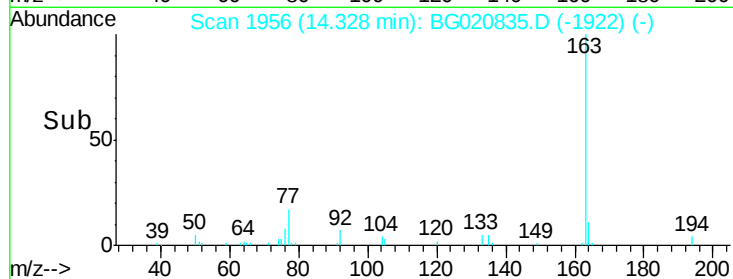
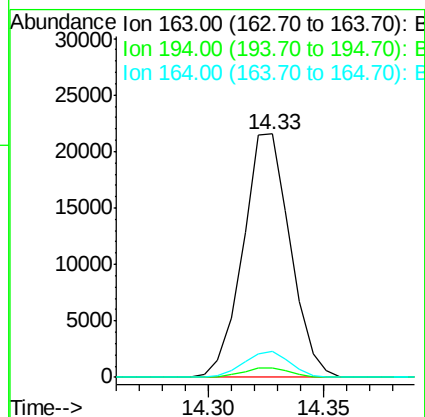
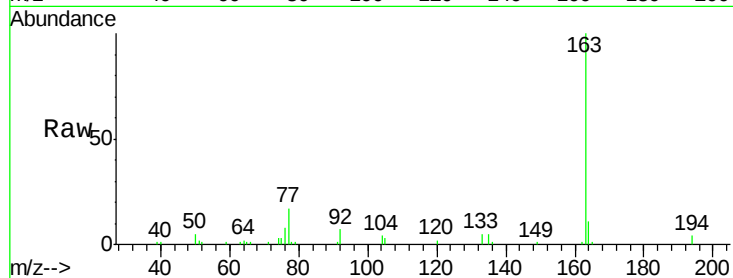




#45
Dimethylphthalate
Concen: 5.50 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

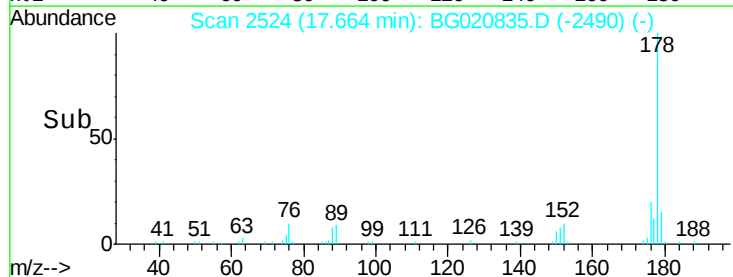
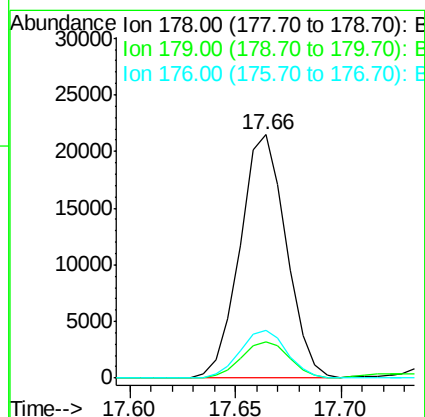
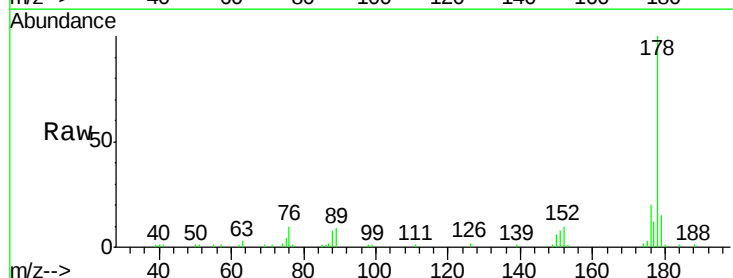
Instrument :
BNA_G
ClientSampleId :
C04L5

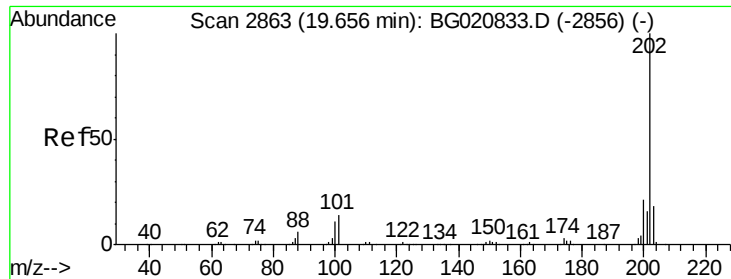
Tgt Ion:163 Resp: 30673
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.9 7.7 11.5



#70
Phenanthrene
Concen: 4.13 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:178 Resp: 32603
Ion Ratio Lower Upper
178 100
179 14.8 12.6 19.0
176 19.6 16.0 24.0

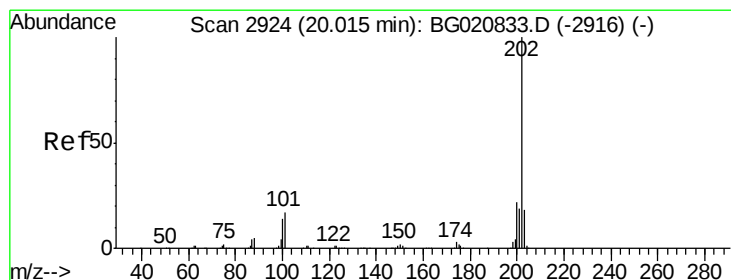
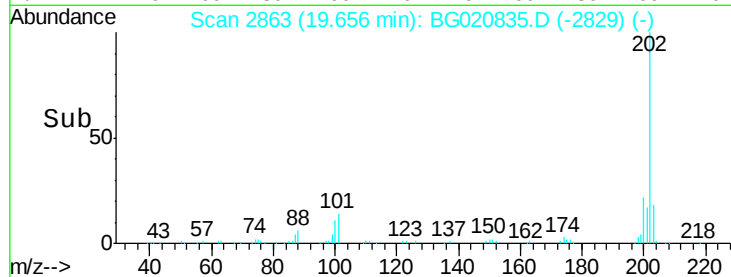
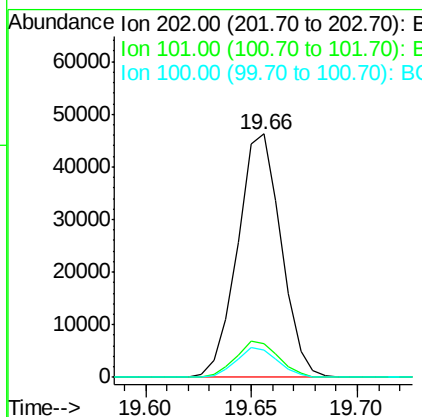
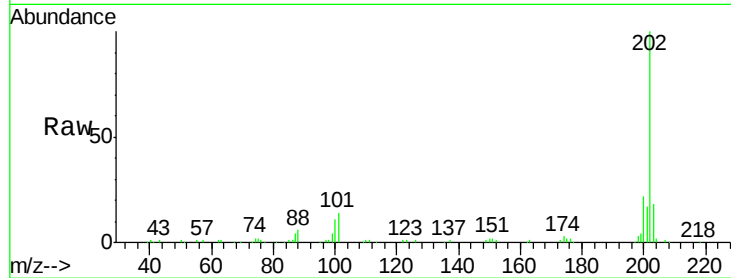




#77
Fluoranthene
 Concen: 8.06 ng/u1
 RT: 19.66 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BG020835.D
 Acq: 10 Feb 2016 11:29

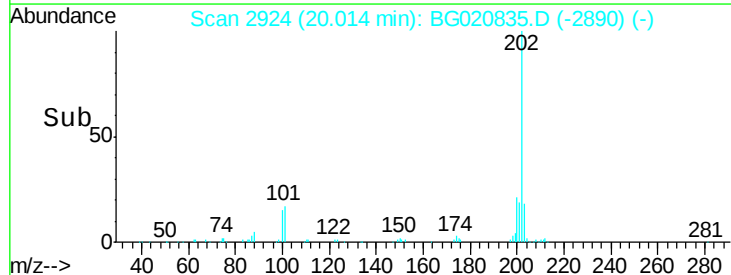
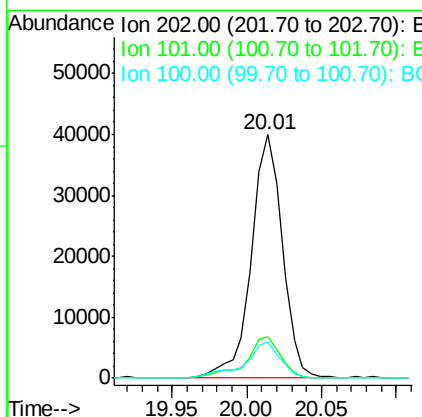
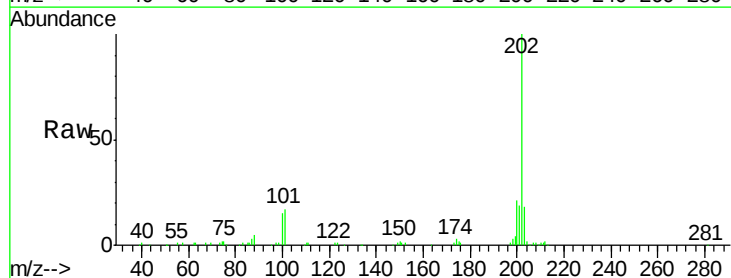
Instrument :
 BNA_G
 ClientSampleId :
 C04L5

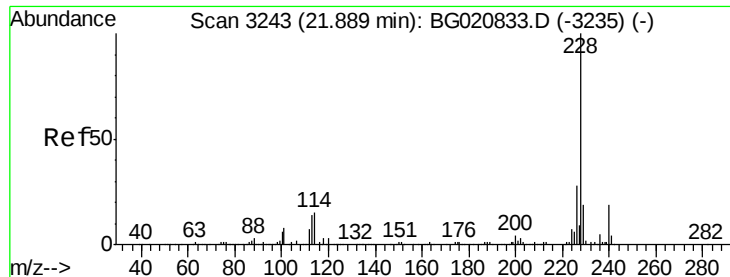
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.5	18.7
100	11.2	9.9	14.9



#80
Pyrene
 Concen: 7.14 ng/u1
 RT: 20.01 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BG020835.D
 Acq: 10 Feb 2016 11:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.0	13.5	20.3
100	15.0	11.7	17.5

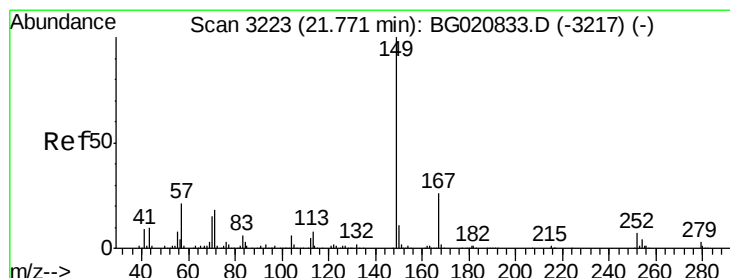
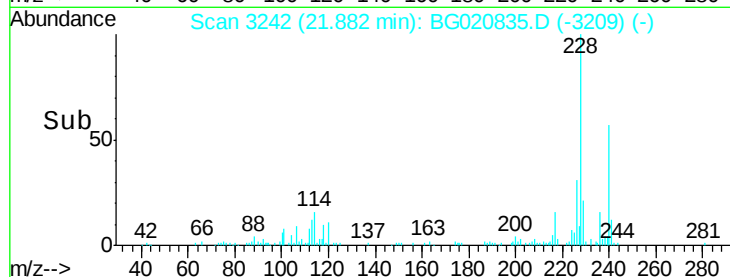
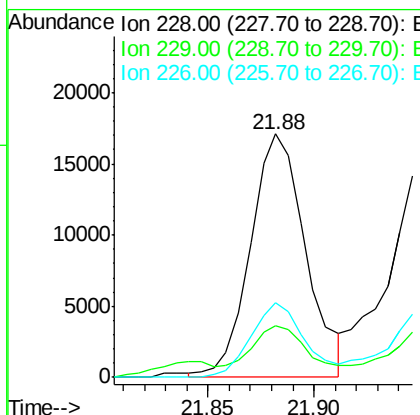
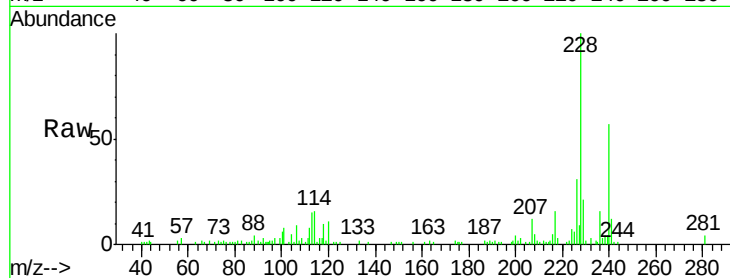




#83
Benzo(a)anthracene
Concen: 4.28 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

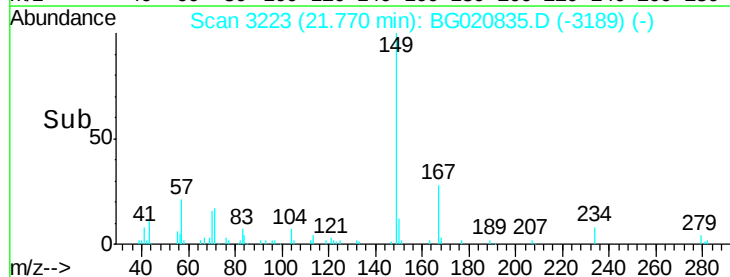
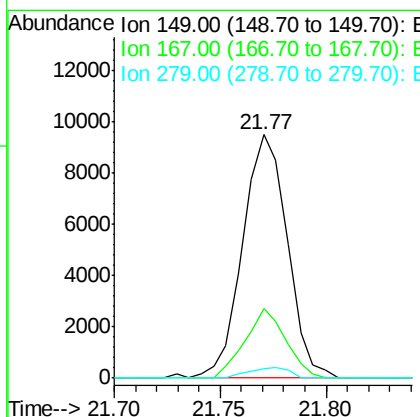
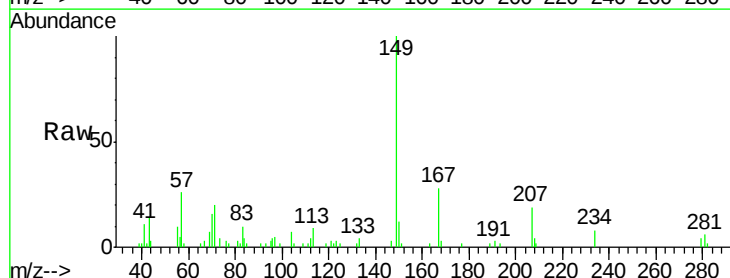
Instrument :
BNA_G
ClientSampleId :
C04L5

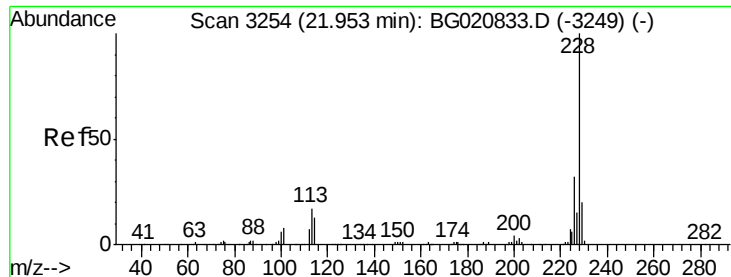
Tgt Ion:228 Resp: 31041
Ion Ratio Lower Upper
228 100
229 21.2 14.8 22.2
226 30.8 23.0 34.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.46 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:149 Resp: 13917
Ion Ratio Lower Upper
149 100
167 28.5 21.0 31.4
279 3.6 2.5 3.7





#85

Chrysene

Concen: 4.54 ng/ul

RT: 21.95 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BG020835.D

Acq: 10 Feb 2016 11:29

Instrument :

BNA_G

ClientSampleId :

C04L5

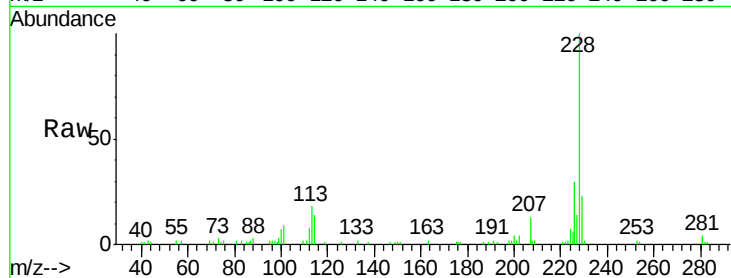
Tgt Ion:228 Resp: 30391

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

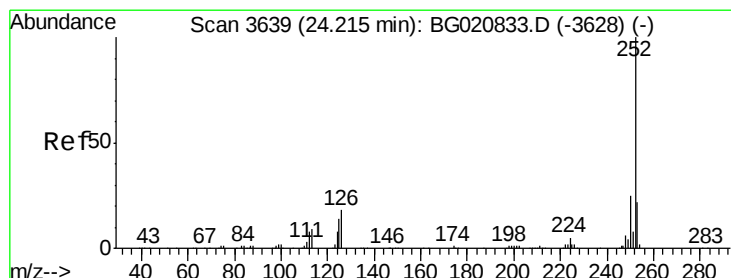
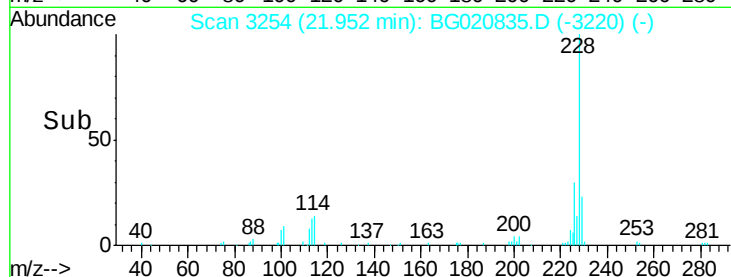
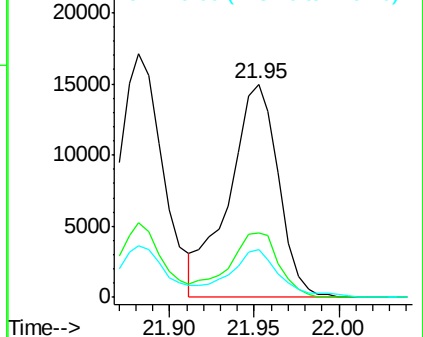
229 22.6 15.8 23.6



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



#88

Benzo(b)fluoranthene

Concen: 5.63 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. -0.01 min

Lab File: BG020835.D

Acq: 10 Feb 2016 11:29

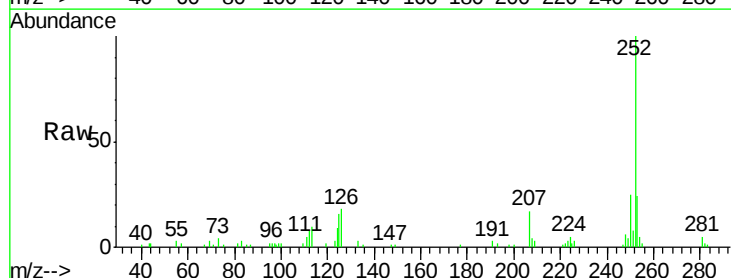
Tgt Ion:252 Resp: 40004

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

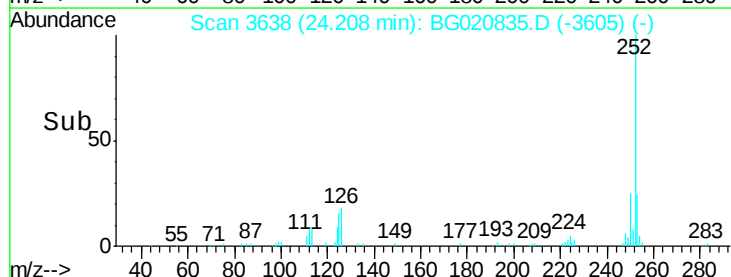
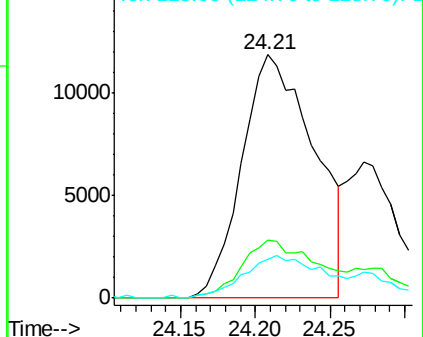
125 16.2 12.5 18.7

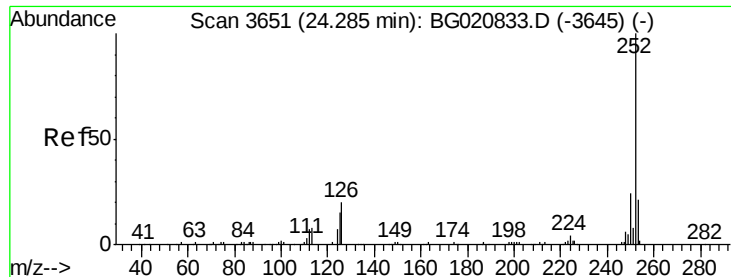


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.89 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. -0.08 min

Lab File: BG020835.D

Acq: 10 Feb 2016 11:29

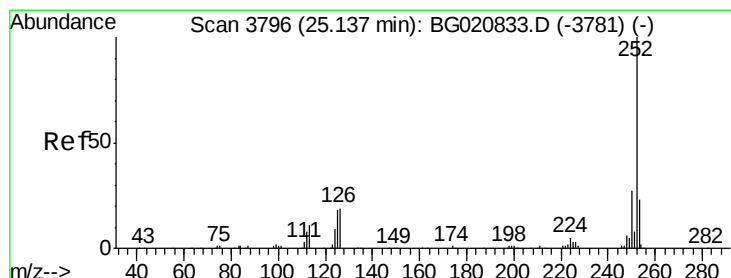
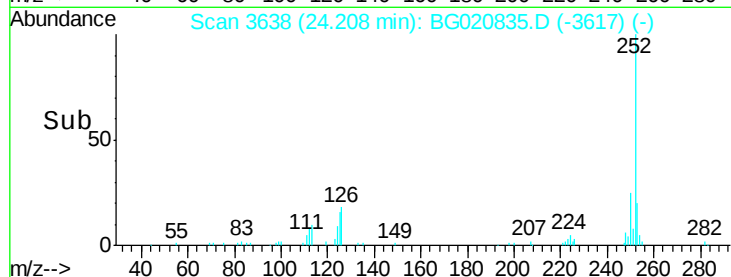
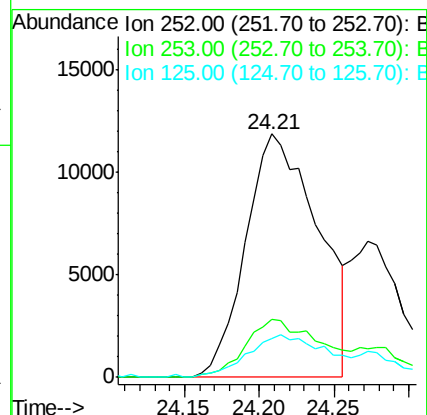
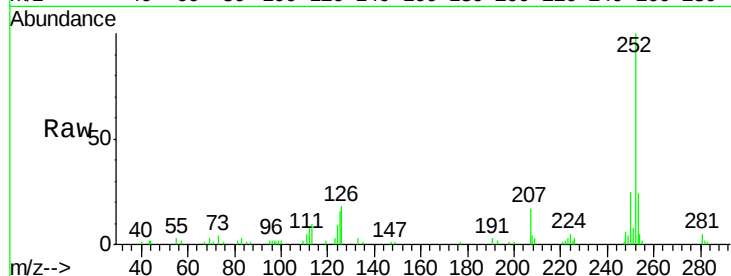
Instrument :

BNA_G

ClientSampleId :

C04L5

Tgt Ion:	252	Resp:	40004
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	16.2	12.1	18.1



#91

Benzo(a)pyrene

Concen: 4.04 ng/ul

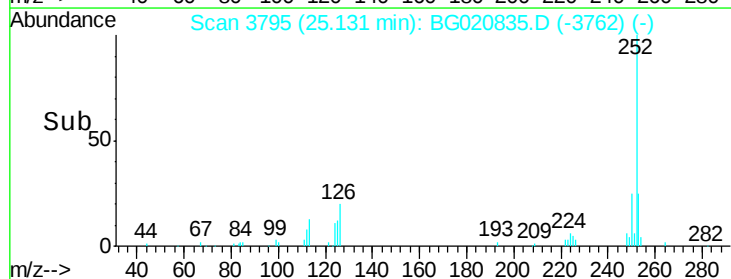
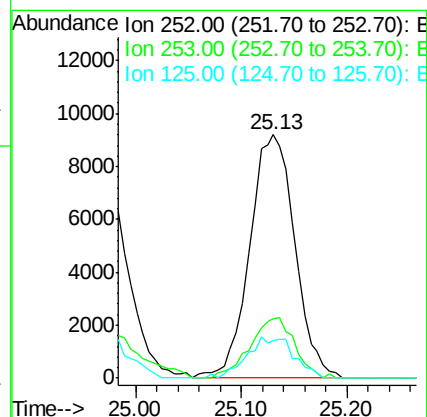
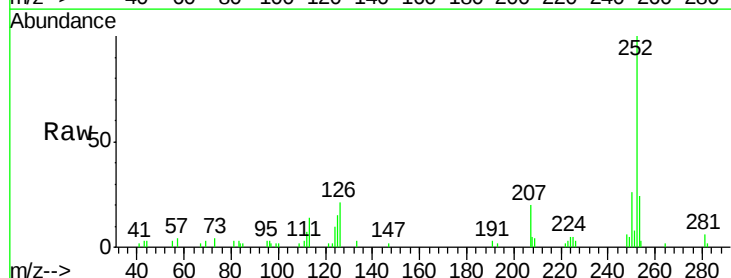
RT: 25.13 min Scan# 3795

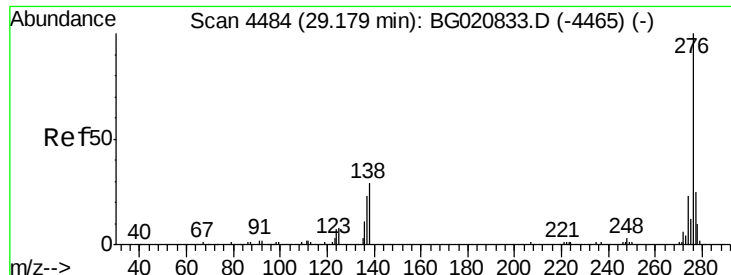
Delta R.T. -0.01 min

Lab File: BG020835.D

Acq: 10 Feb 2016 11:29

Tgt Ion:	252	Resp:	27196
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.3	25.9
125	15.2	14.2	21.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.50 ng/ul

RT: 29.17 min Scan# 4482

Delta R.T. -0.01 min

Lab File: BG020835.D

Acq: 10 Feb 2016 11:29

Instrument :

BNA_G

ClientSampleId :

C04L5

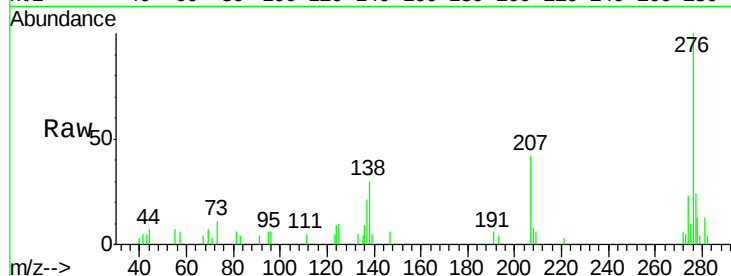
Tgt Ion:276 Resp: 19404

Ion Ratio Lower Upper

276 100

138 29.7 22.4 33.6

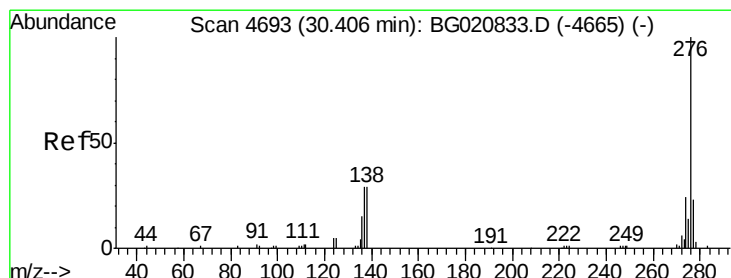
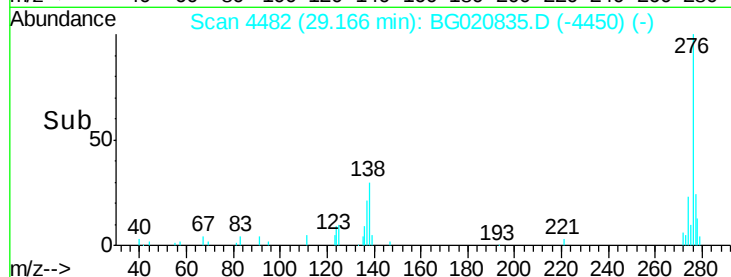
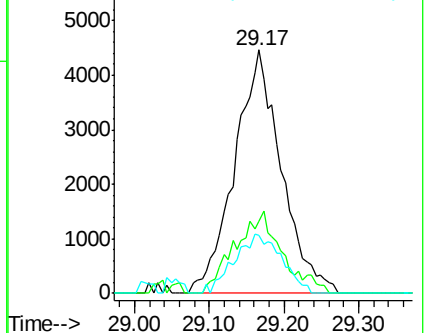
277 23.9 18.5 27.7



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



#94

Benzo(g,h,i)perylene

Concen: 2.68 ng/ul

RT: 30.36 min Scan# 4686

Delta R.T. -0.04 min

Lab File: BG020835.D

Acq: 10 Feb 2016 11:29

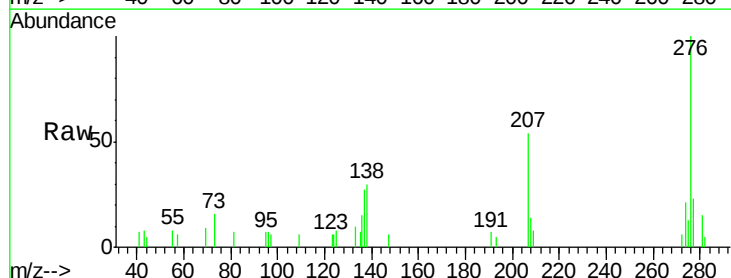
Tgt Ion:276 Resp: 17030

Ion Ratio Lower Upper

276 100

138 29.9 24.4 36.6

277 22.8 18.7 28.1



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

