

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020231.D
 Acq On : 16 Dec 2015 21:33
 Operator : UM/SJ
 Sample : G4787-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BM9

Quant Time: Dec 17 03:58:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 03:53:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	15853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	77449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	64540	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	171329	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	188545	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	177879	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1028	3.58	ng/uL	0.00
5) Phenol-d5	7.25	99	27081	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	17693	21.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	21122	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	21114	17.66	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12144	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	13812	20.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	24815	18.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	25987	17.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	104768	20.07	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	102296	16.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	11521	12.31	ng/ul	0.00
58) Fluorene-d10	15.71	176	83337	17.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	10200	10.04	ng/ul	0.00
71) Anthracene-d10	17.56	188	128923	16.33	ng/ul	0.00
79) Pyrene-d10	19.84	212	121366	13.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	103665	11.68	ng/ul	0.00

Target Compounds

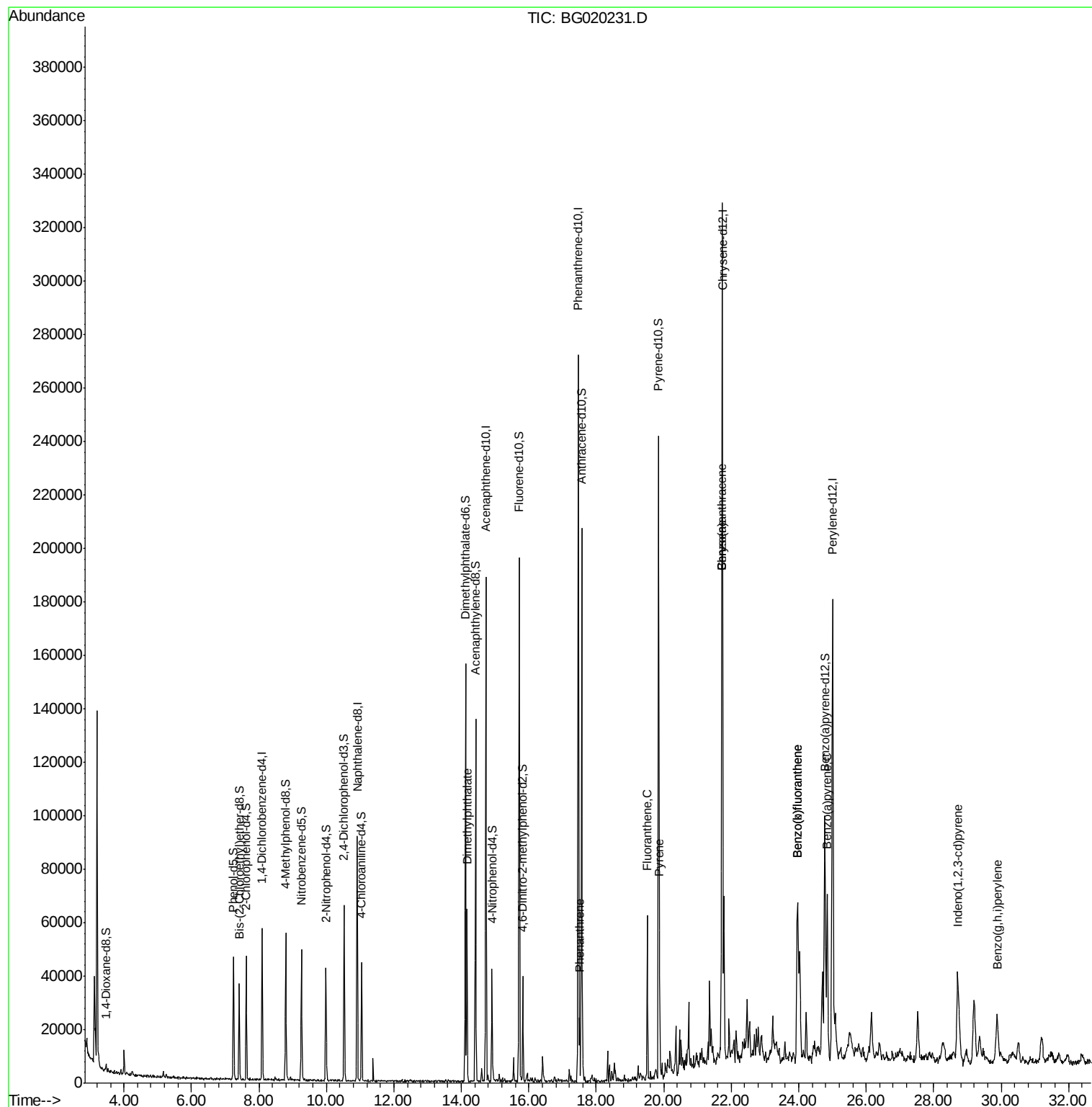
						Qvalue
45) Dimethylphthalate	14.17	163	42493	7.97	ng/ul	97
70) Phenanthrene	17.51	178	15052	1.61	ng/ul	96
77) Fluoranthene	19.51	202	39759	3.63	ng/ul	98
80) Pyrene	19.87	202	38906	3.41	ng/ul	98
83) Benzo(a)anthracene	21.71	228	54226	4.93	ng/ul	99
85) Chrysene	21.71	228	52963	5.11	ng/ul	96
88) Benzo(b)fluoranthene	23.96	252	79241	7.40	ng/ul	98
89) Benzo(k)fluoranthene	23.96	252	79241	7.71	ng/ul	97
91) Benzo(a)pyrene	24.84	252	67863	6.69	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	28.72	276	58100	4.81	ng/ul#	93
94) Benzo(g,h,i)perylene	29.88	276	37402	3.78	ng/ul	96

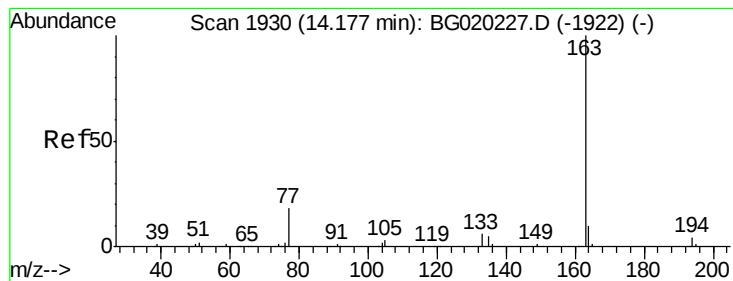
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 7.97 ng/ul

RT: 14.17 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

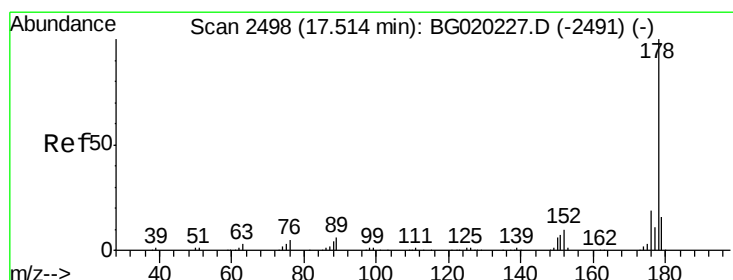
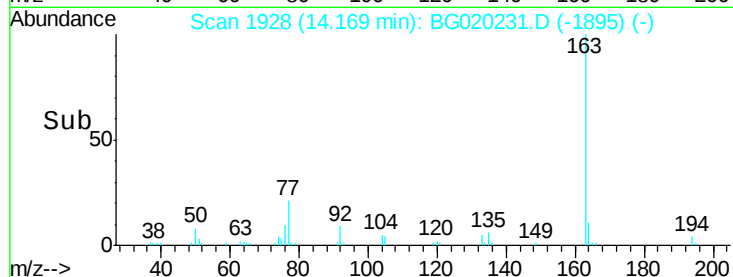
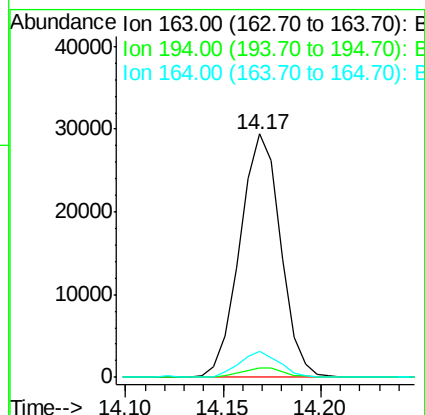
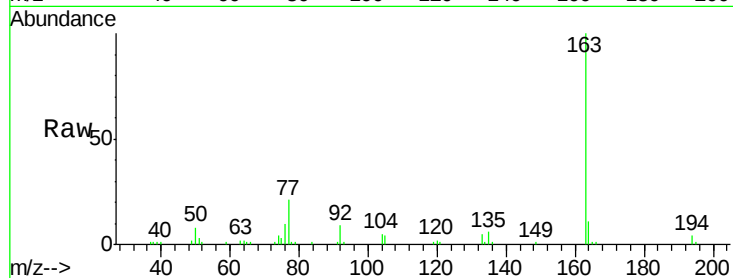
Instrument :

BNA_G

ClientSampleId :

G9BM9

Tgt Ion:	163	Resp:	42493
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.9	7.7	11.5



#70

Phenanthrene

Concen: 1.61 ng/ul

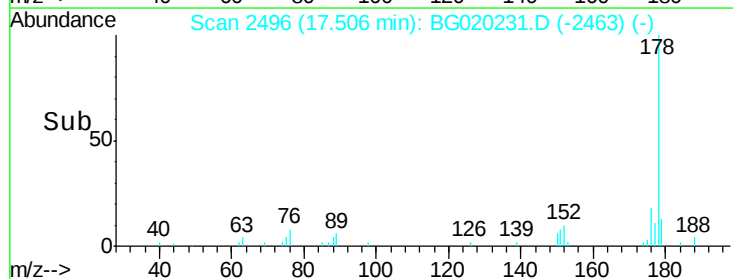
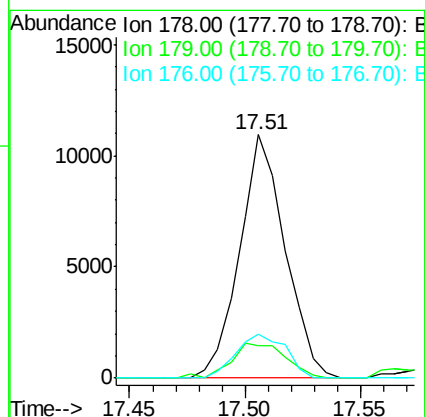
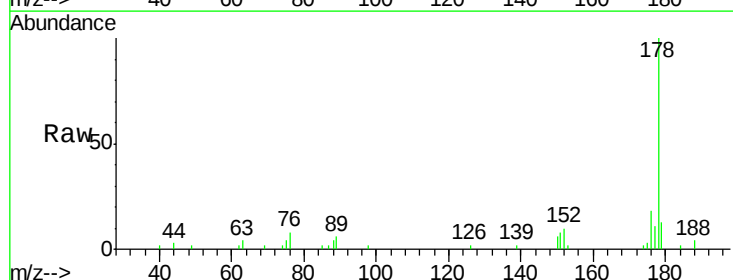
RT: 17.51 min Scan# 2496

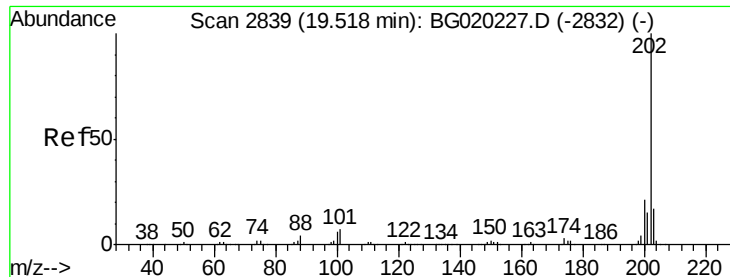
Delta R.T. -0.01 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

Tgt Ion:	178	Resp:	15052
Ion	Ratio	Lower	Upper
178	100		
179	13.5	12.9	19.3
176	17.8	15.3	22.9

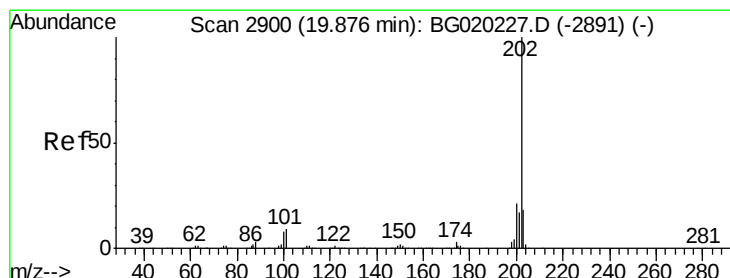
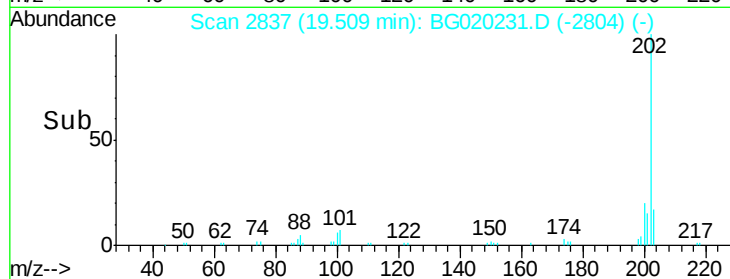
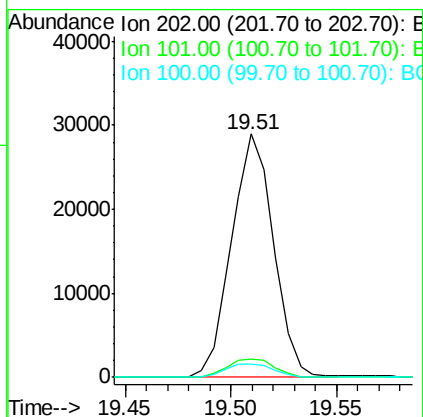
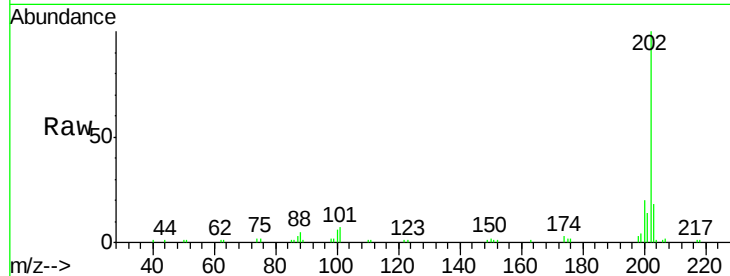




#77
 Fluoranthene
 Concen: 3.63 ng/ul
 RT: 19.51 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BG020231.D
 Acq: 16 Dec 2015 21:33

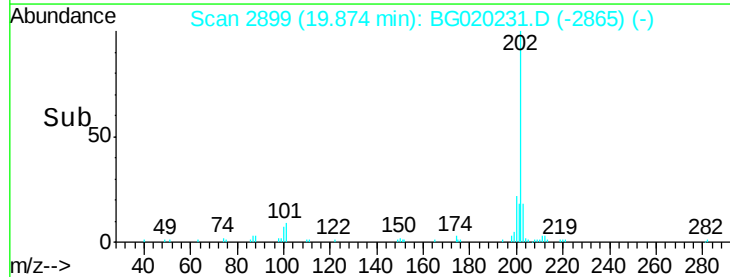
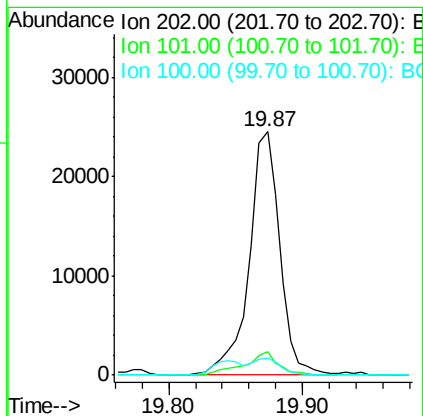
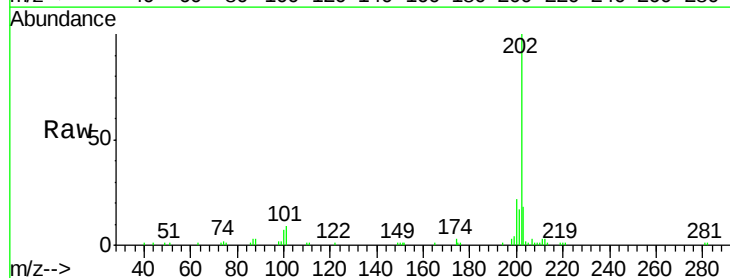
Instrument :
 BNA_G
 ClientSampleId :
 G9BM9

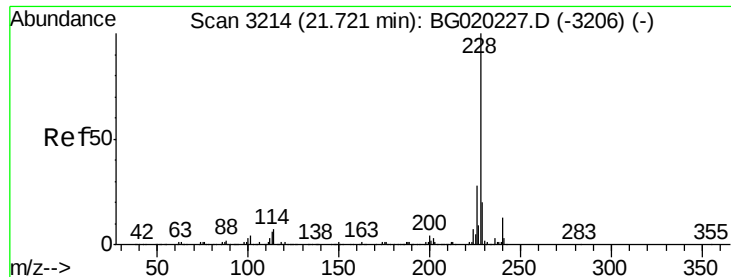
Tgt Ion:	202	Resp:	39759
Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.4
100	5.5	5.1	7.7



#80
 Pyrene
 Concen: 3.41 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: BG020231.D
 Acq: 16 Dec 2015 21:33

Tgt Ion:	202	Resp:	38906
Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.0	10.4
100	7.2	6.4	9.6





#83

Benzo(a)anthracene

Concen: 4.93 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

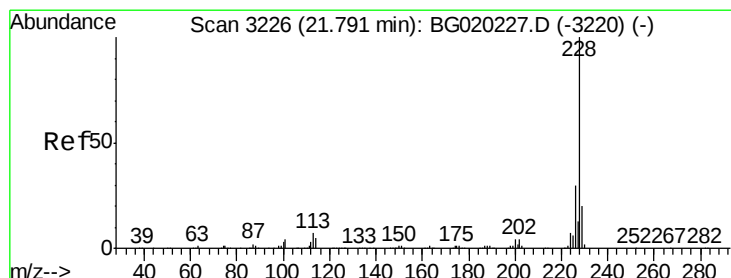
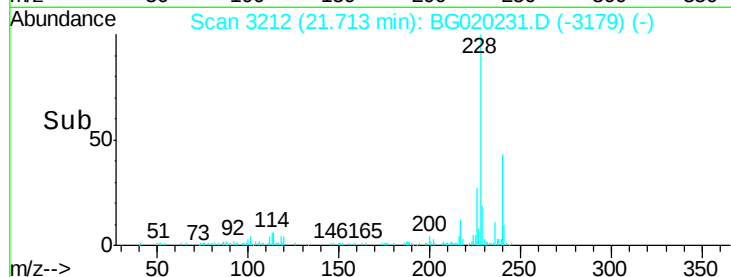
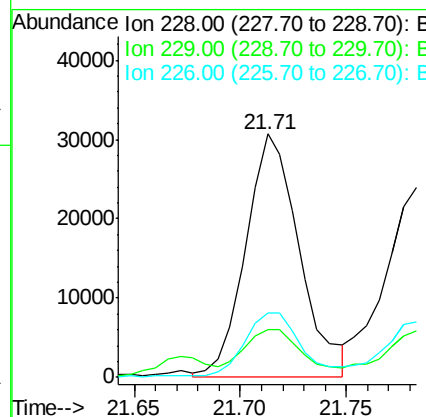
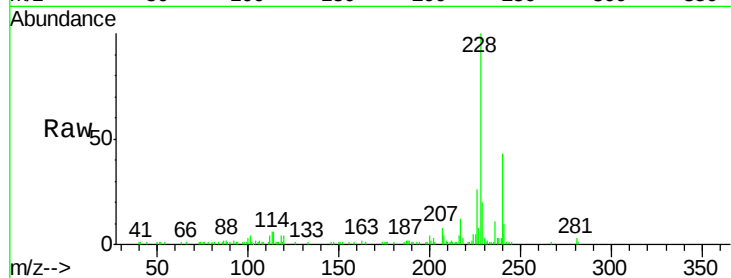
Instrument :

BNA_G

ClientSampleId :

G9BM9

Tgt Ion:	228	Resp:	54226
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	26.4	21.8	32.6



#85

Chrysene

Concen: 5.11 ng/ul

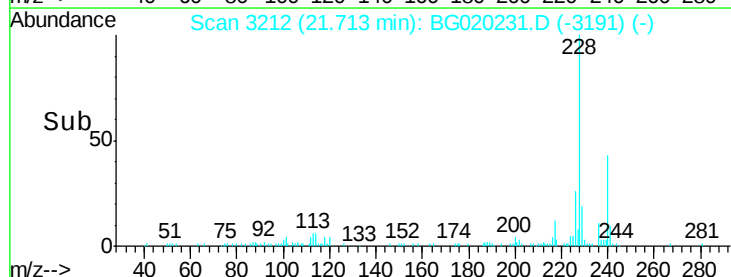
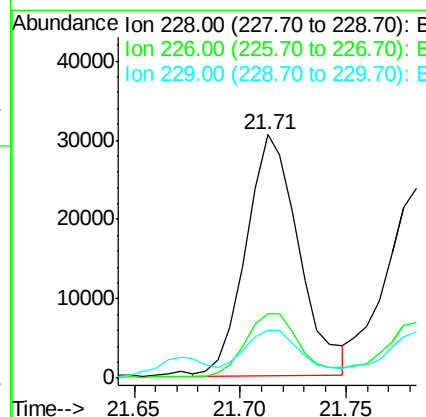
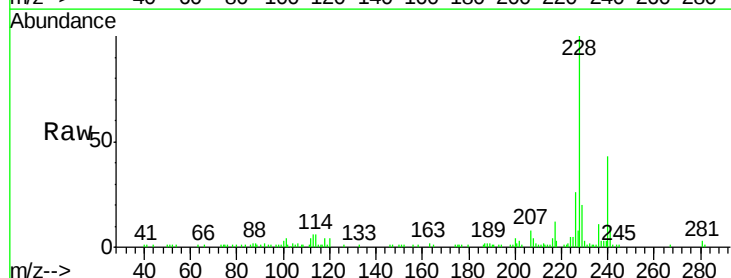
RT: 21.71 min Scan# 3212

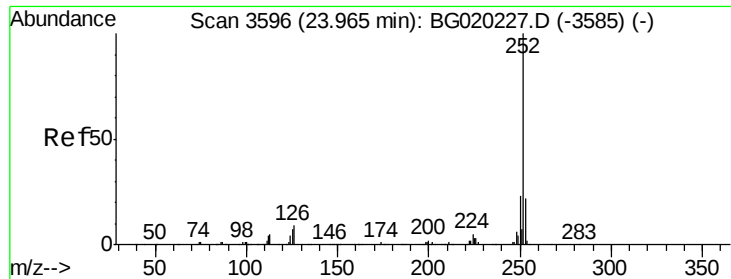
Delta R.T. -0.08 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

Tgt Ion:	228	Resp:	52963
Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.9	35.9
229	19.7	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 7.40 ng/u1

RT: 23.96 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

Instrument :

BNA_G

ClientSampleId :

G9BM9

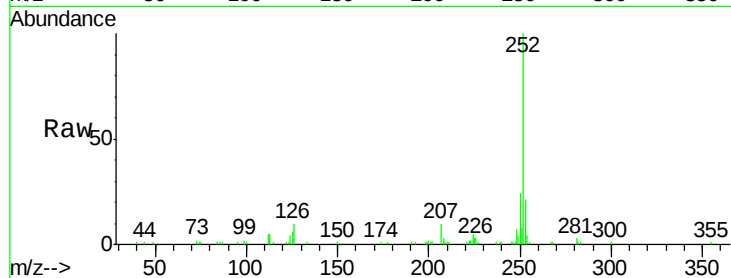
Tgt Ion:252 Resp: 79241

Ion Ratio Lower Upper

252 100

253 21.1 16.7 25.1

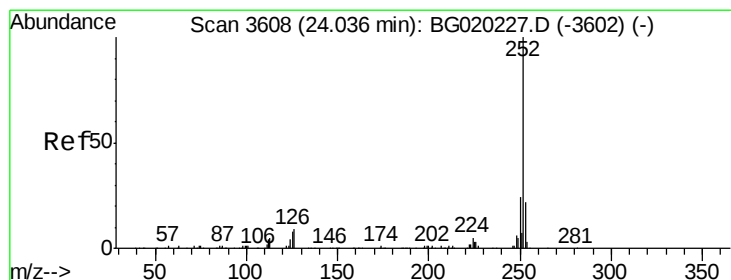
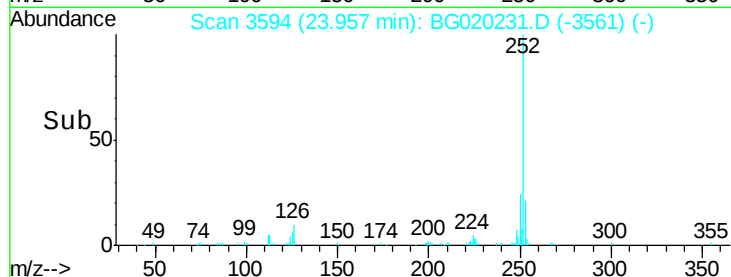
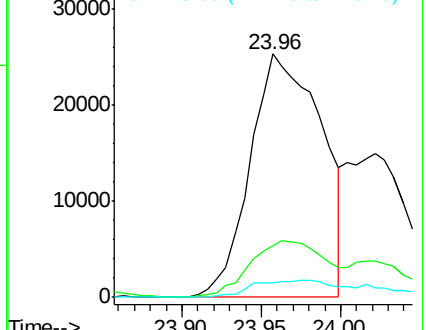
125 6.2 6.2 9.2



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: 7.71 ng/u1

RT: 23.96 min Scan# 3594

Delta R.T. -0.08 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

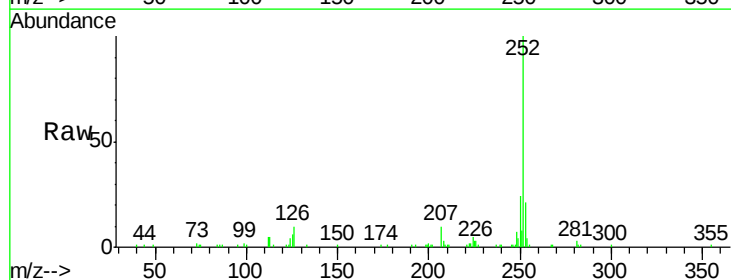
Tgt Ion:252 Resp: 79241

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

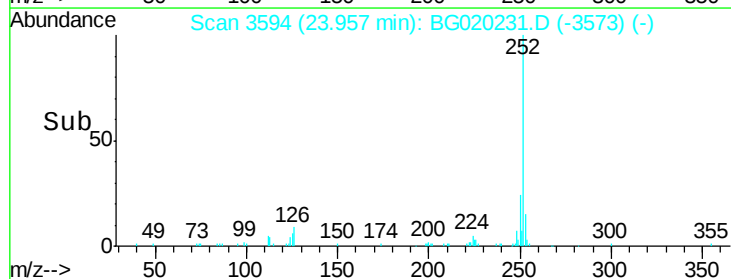
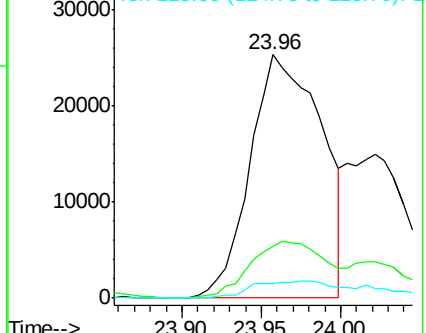
125 6.2 5.8 8.6

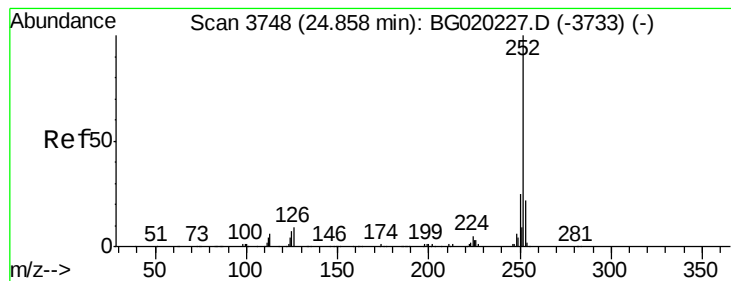


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 6.69 ng/u1

RT: 24.84 min Scan# 3745

Delta R.T. -0.01 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

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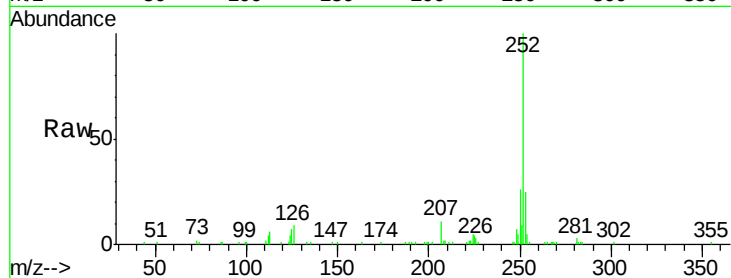
Tgt Ion:252 Resp: 67863

Ion Ratio Lower Upper

252 100

253 25.2 17.0 25.4

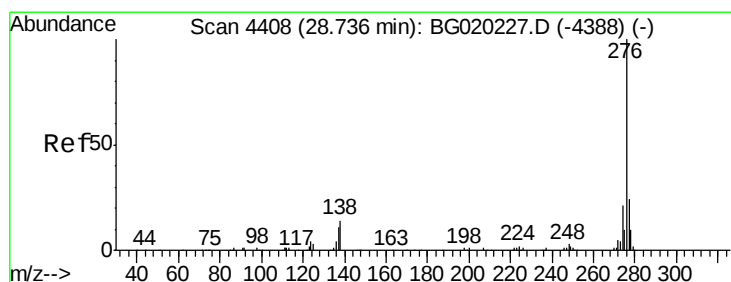
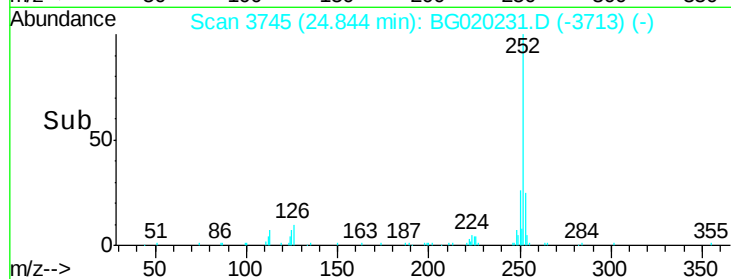
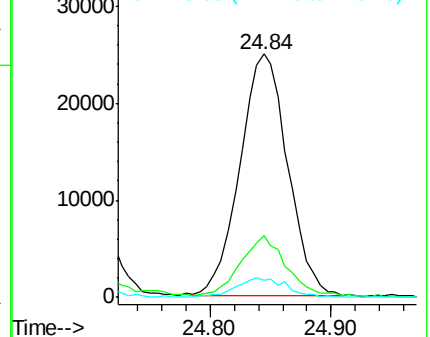
125 7.0 6.2 9.4



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 4.81 ng/u1

RT: 28.72 min Scan# 4404

Delta R.T. -0.02 min

Lab File: BG020231.D

Acq: 16 Dec 2015 21:33

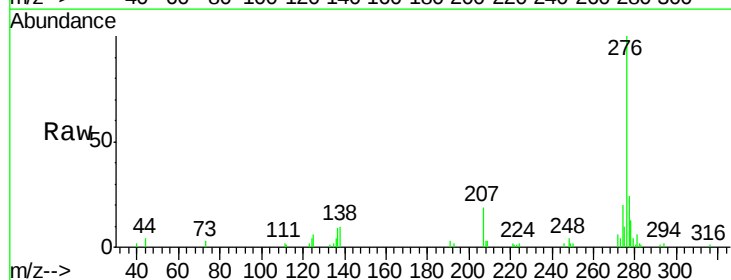
Tgt Ion:276 Resp: 58100

Ion Ratio Lower Upper

276 100

138 10.1 11.4 17.0#

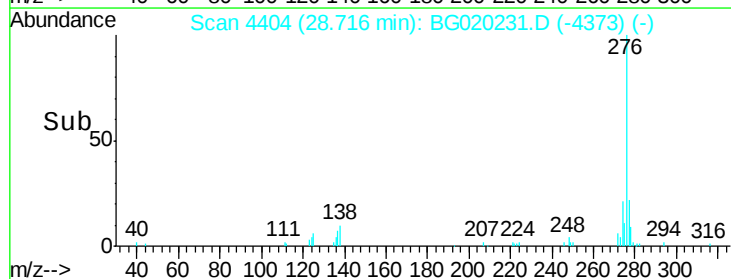
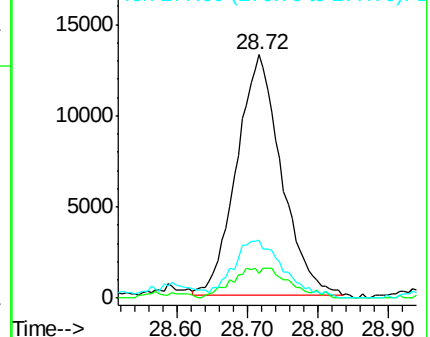
277 23.9 17.4 26.0

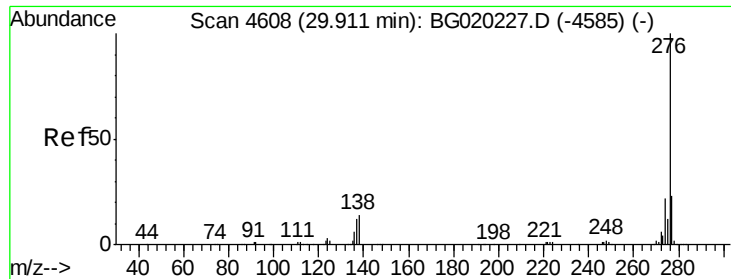


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 3.78 ng/ul

RT: 29.88 min Scan# 4602

Delta R.T. -0.03 min

Lab File: BG020231.D

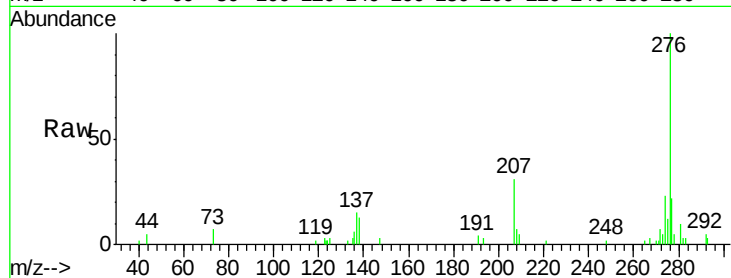
Acq: 16 Dec 2015 21:33

Instrument :

BNA_G

ClientSampleId :

G9BM9



Tgt Ion:276 Resp: 37402

Ion Ratio Lower Upper

276 100

138 13.4 10.8 16.2

277 21.7 19.9 29.9

