

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020325.D
 Acq On : 19 Dec 2015 23:40
 Operator : UM/SJ
 Sample : G4866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L9

Quant Time: Dec 20 05:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	21203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	93616	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	68604	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	170141	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	209593	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	199219	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1159	3.02	ng/uL	0.00
5) Phenol-d5	7.24	99	20628	11.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	18959	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	18883	13.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	7665	4.79	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12629	17.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	14845	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	20608	12.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	19355	10.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	106879	19.26	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	94067	14.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5546	5.57	ng/ul	0.00
58) Fluorene-d10	15.71	176	82567	16.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	11525	11.43	ng/ul	0.00
71) Anthracene-d10	17.56	188	116985	14.92	ng/ul	0.00
79) Pyrene-d10	19.84	212	124915	12.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	124228	12.50	ng/ul	0.00

Target Compounds

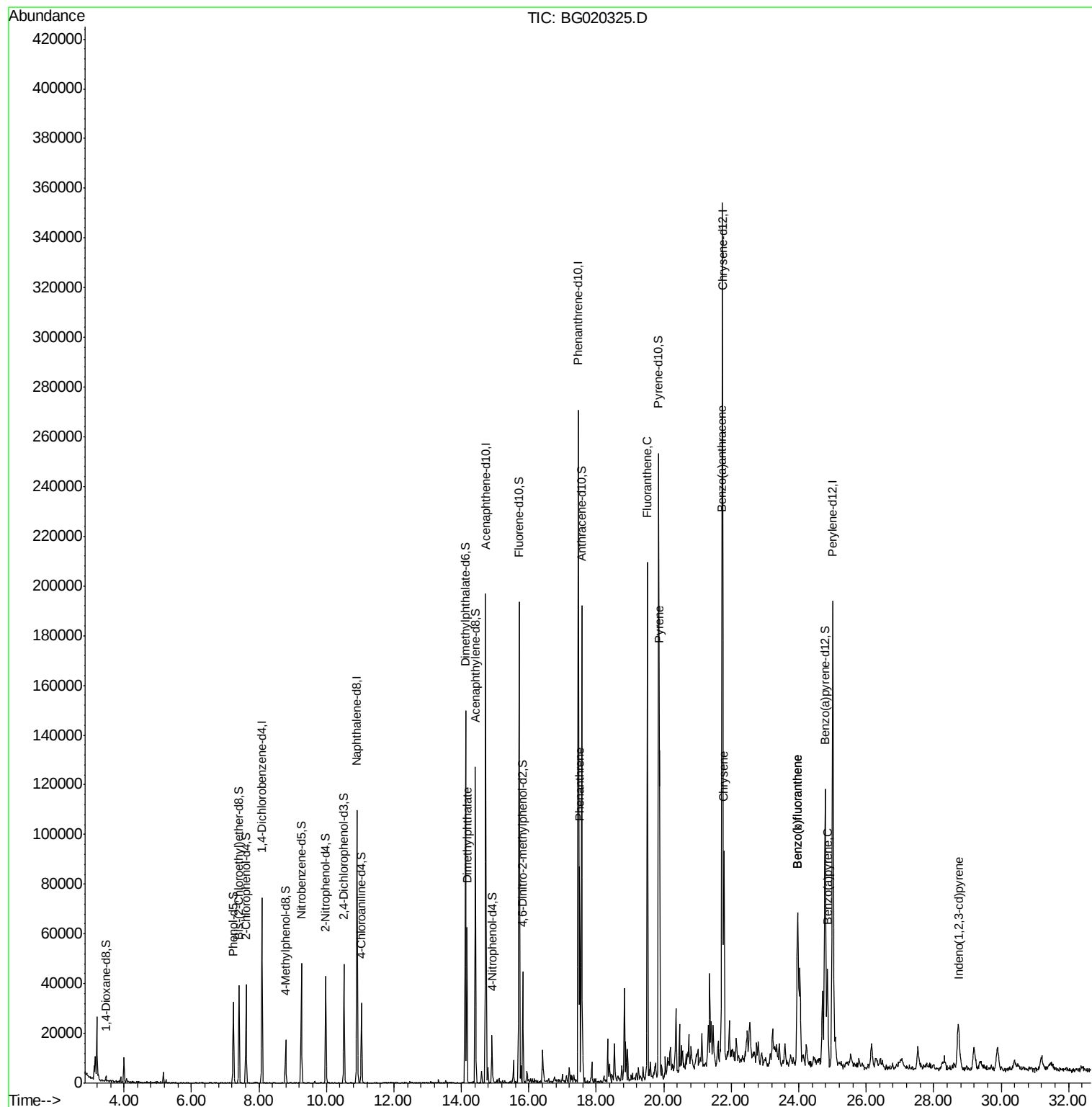
						Qvalue
45) Dimethylphthalate	14.16	163	41319	7.29	ng/ul	99
70) Phenanthrene	17.51	178	56195	6.04	ng/ul	98
77) Fluoranthene	19.51	202	137845	12.67	ng/ul	98
80) Pyrene	19.87	202	100730	7.94	ng/ul	99
83) Benzo(a)anthracene	21.72	228	60220	4.92	ng/ul	99
85) Chrysene	21.79	228	65403	5.68	ng/ul	95
88) Benzo(b)fluoranthene	23.97	252	83915	7.00	ng/ul	96
89) Benzo(k)fluoranthene	23.97	252	83915	7.29	ng/ul	99
91) Benzo(a)pyrene	24.86	252	44548	3.92	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	34700	2.56	ng/ul	96

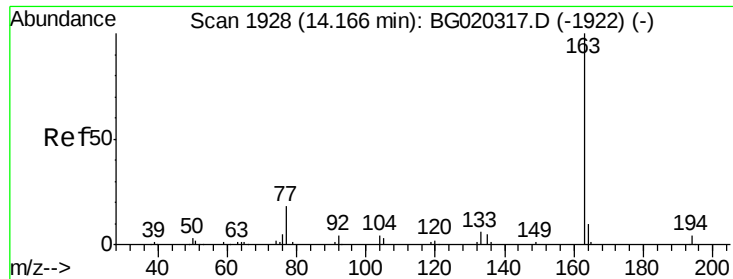
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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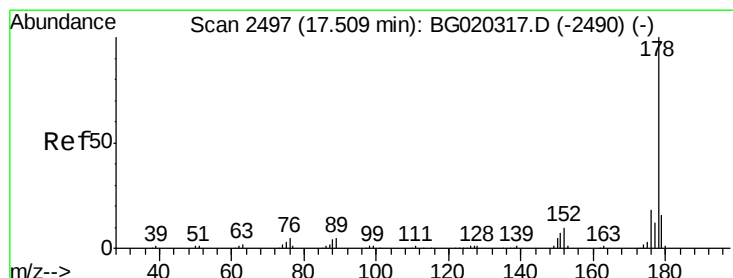
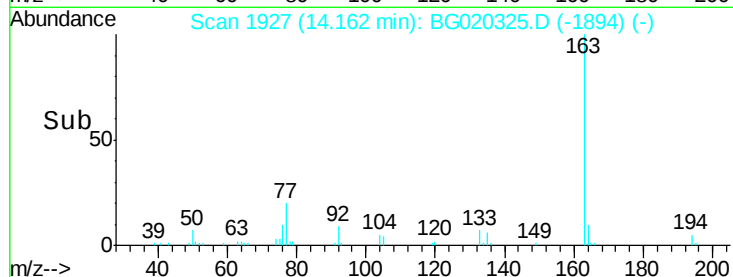
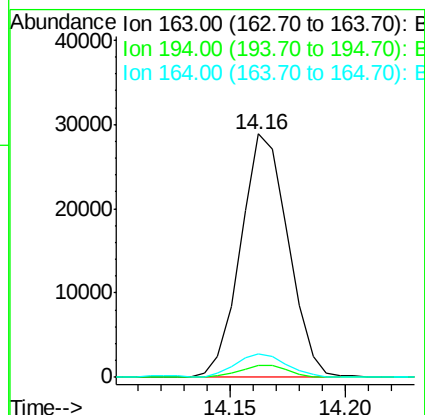
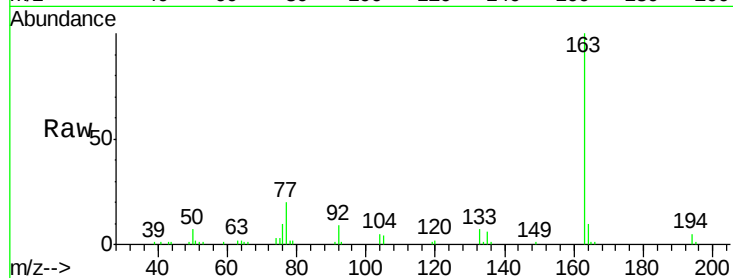




#45
Dimethylphthalate
Concen: 7.29 ng/ul
RT: 14.16 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG020325.D
Acq: 19 Dec 2015 23:40

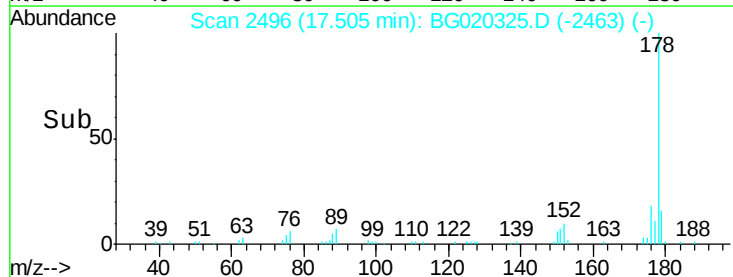
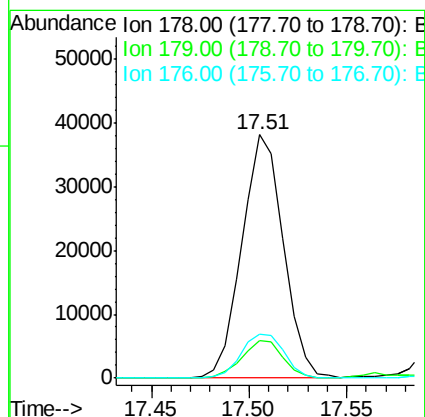
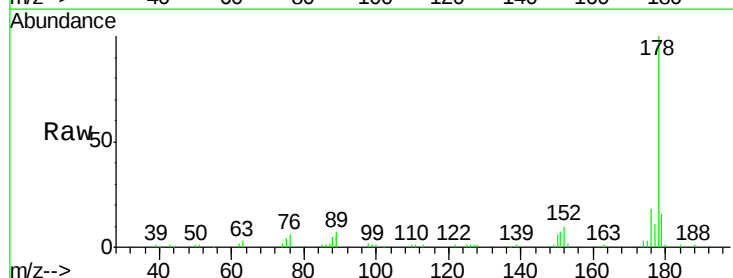
Instrument :
BNA_G
ClientSampleId :
E43L9

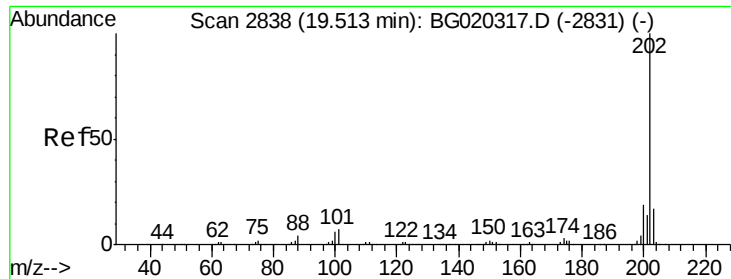
Tgt Ion:163 Resp: 41319
Ion Ratio Lower Upper
163 100
194 5.1 3.5 5.3
164 9.6 7.7 11.5



#70
Phenanthrene
Concen: 6.04 ng/ul
RT: 17.51 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG020325.D
Acq: 19 Dec 2015 23:40

Tgt Ion:178 Resp: 56195
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 18.2 15.3 22.9

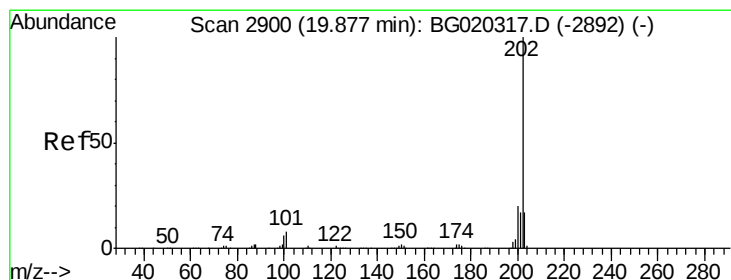
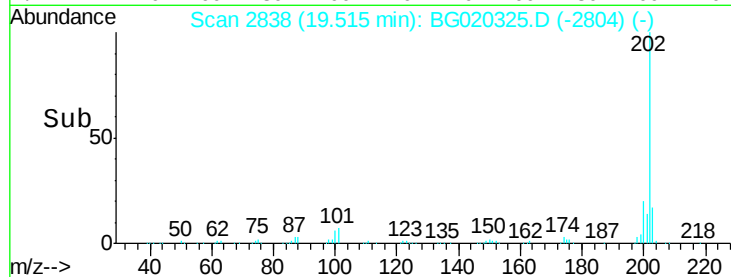
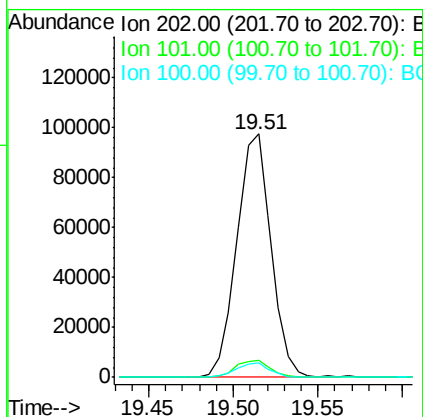
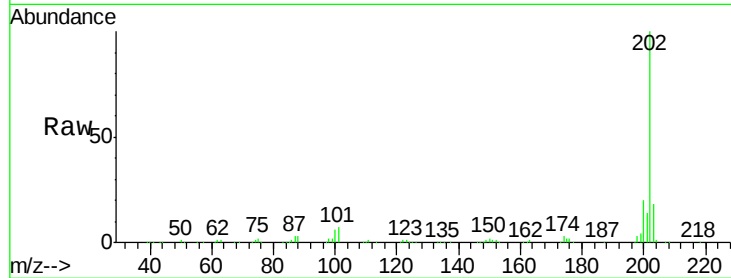




#77
Fluoranthene
 Concen: 12.67 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG020325.D
 Acq: 19 Dec 2015 23:40

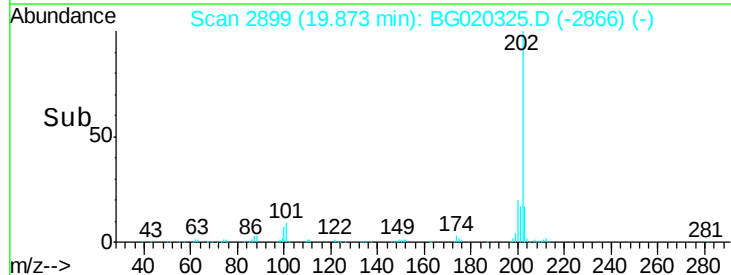
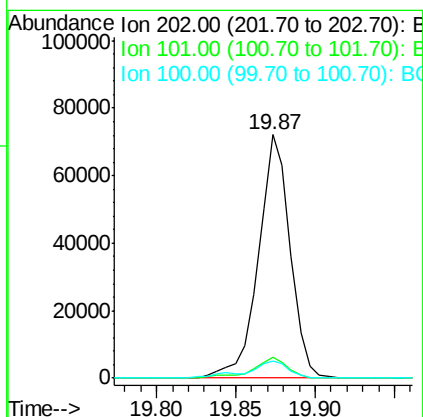
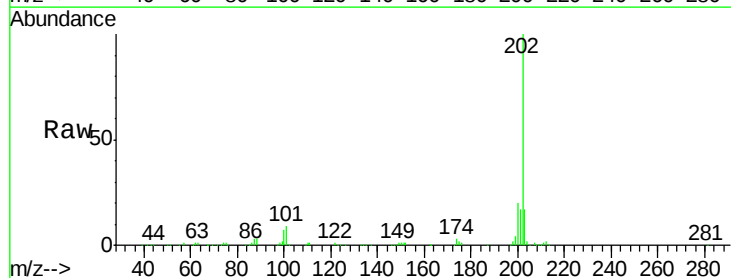
Instrument :
 BNA_G
 ClientSampleId :
 E43L9

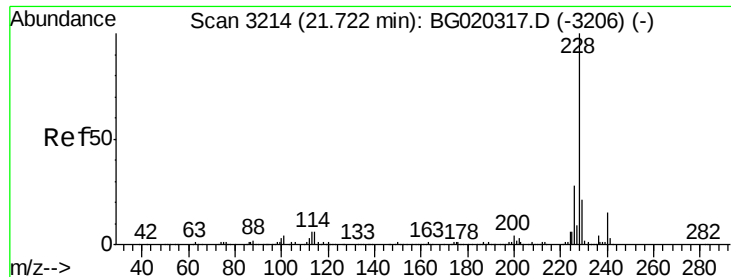
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.4
100	6.1	5.1	7.7



#80
Pyrene
 Concen: 7.94 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: BG020325.D
 Acq: 19 Dec 2015 23:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.2	6.4	9.6





#83

Benzo(a)anthracene

Concen: 4.92 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BG020325.D

Acq: 19 Dec 2015 23:40

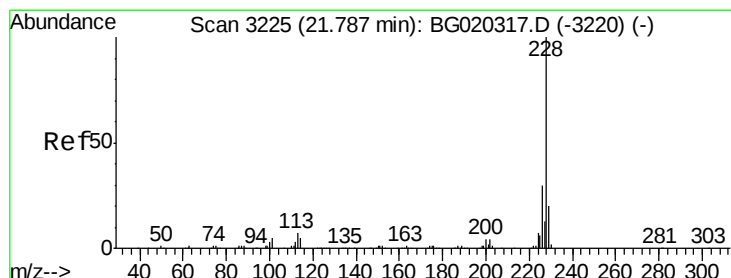
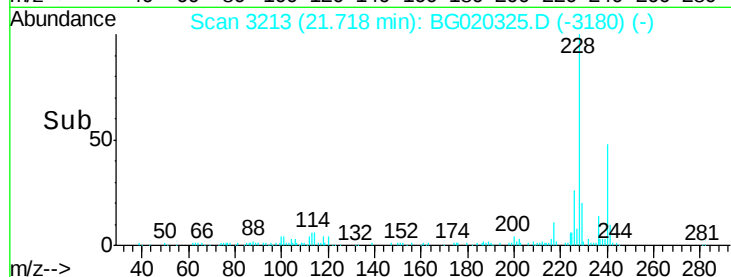
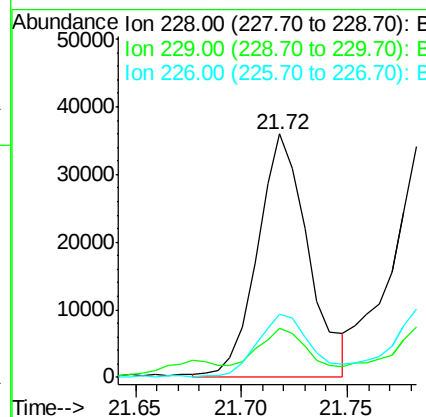
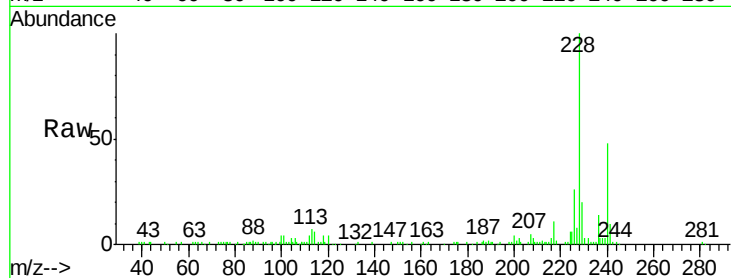
Instrument :

BNA_G

ClientSampleId :

E43L9

Tgt Ion:	228	Resp:	60220
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	26.1	21.8	32.6



#85

Chrysene

Concen: 5.68 ng/ul

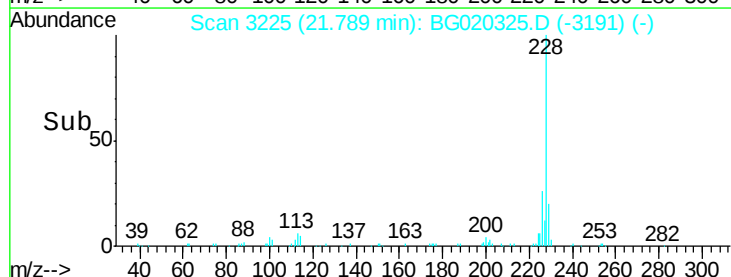
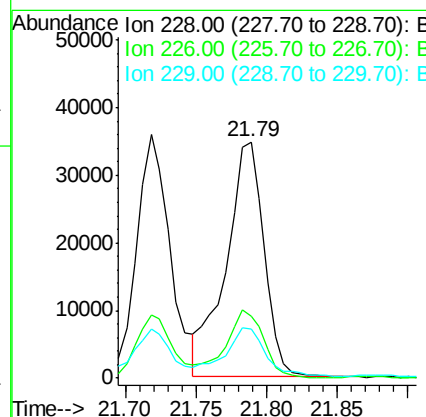
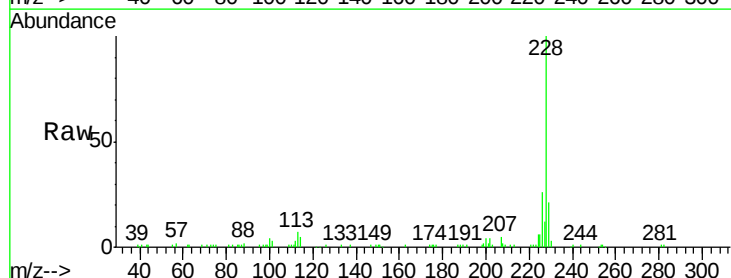
RT: 21.79 min Scan# 3225

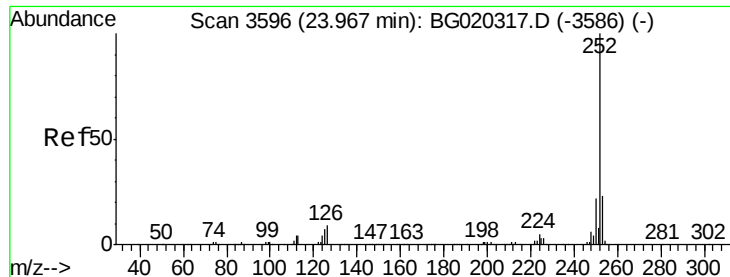
Delta R.T. 0.00 min

Lab File: BG020325.D

Acq: 19 Dec 2015 23:40

Tgt Ion:	228	Resp:	65403
Ion	Ratio	Lower	Upper
228	100		
226	26.3	23.9	35.9
229	21.0	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 7.00 ng/u1

RT: 23.97 min Scan# 3596

Delta R.T. 0.00 min

Lab File: BG020325.D

Acq: 19 Dec 2015 23:40

Instrument :

BNA_G

ClientSampleId :

E43L9

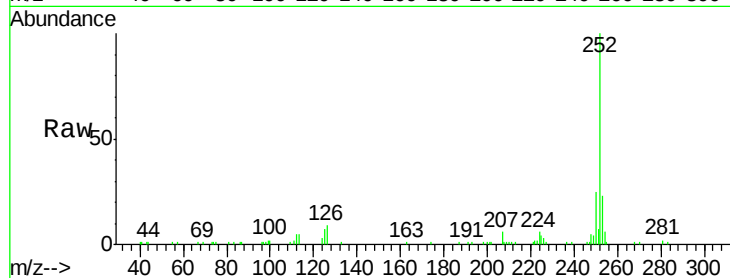
Tgt Ion:252 Resp: 83915

Ion Ratio Lower Upper

252 100

253 23.0 16.7 25.1

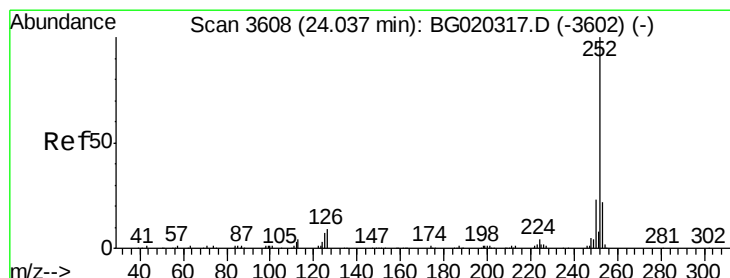
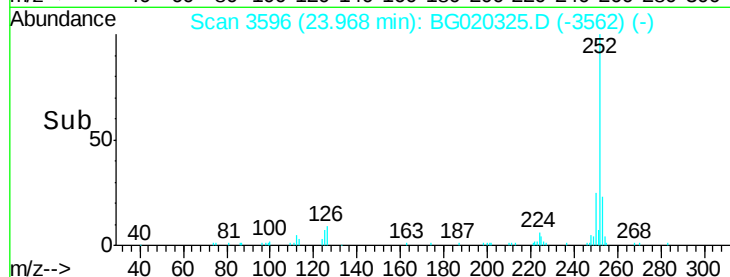
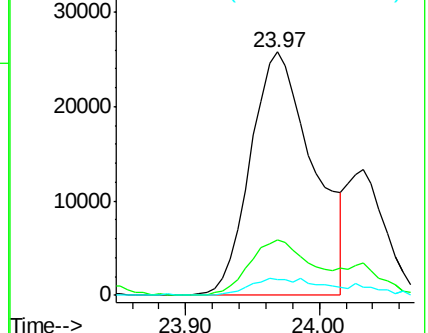
125 6.6 6.2 9.2



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: 7.29 ng/u1

RT: 23.97 min Scan# 3596

Delta R.T. -0.07 min

Lab File: BG020325.D

Acq: 19 Dec 2015 23:40

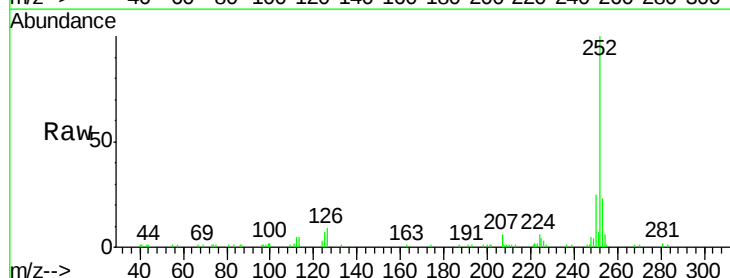
Tgt Ion:252 Resp: 83915

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

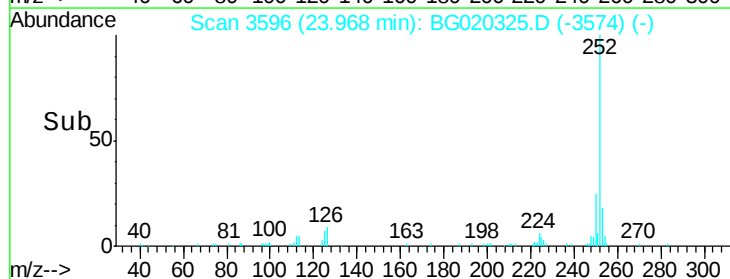
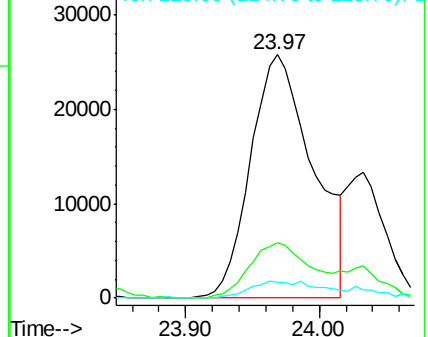
125 6.6 5.8 8.6

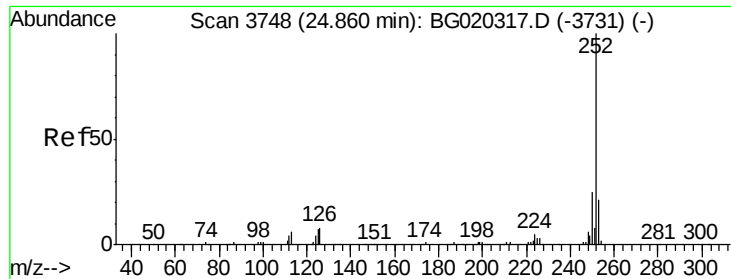


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.92 ng/ul

RT: 24.86 min Scan# 3747

Delta R.T. -0.00 min

Lab File: BG020325.D

Acq: 19 Dec 2015 23:40

Instrument :

BNA_G

ClientSampleId :

E43L9

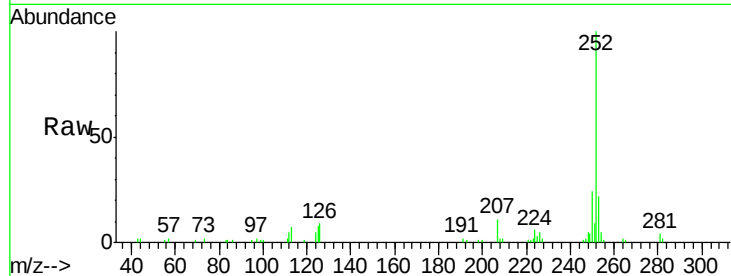
Tgt Ion:252 Resp: 44548

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

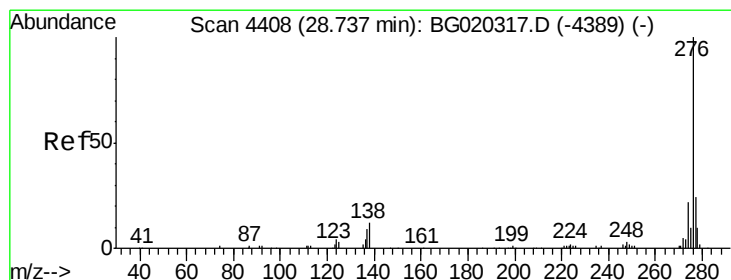
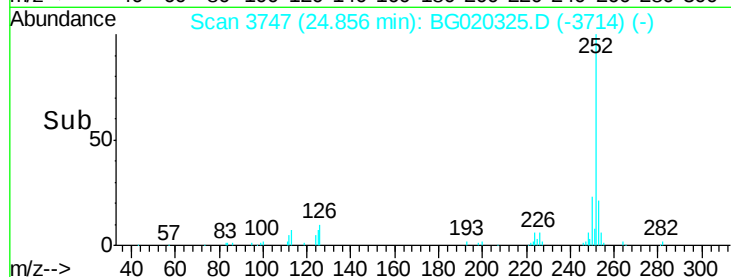
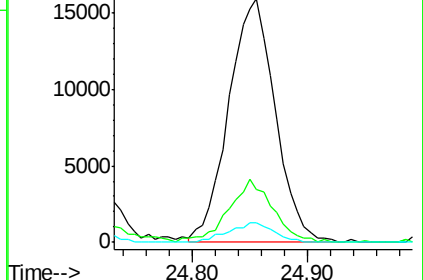
125 8.1 6.2 9.4



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: 2.56 ng/ul

RT: 28.73 min Scan# 4406

Delta R.T. -0.01 min

Lab File: BG020325.D

Acq: 19 Dec 2015 23:40

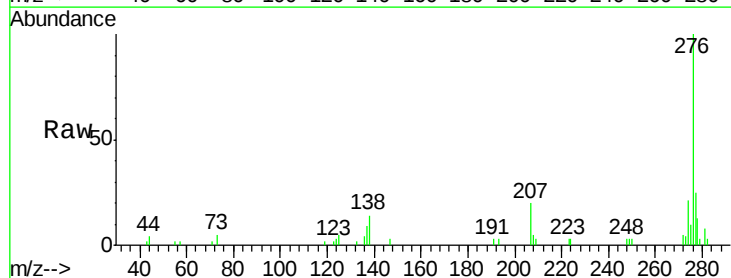
Tgt Ion:276 Resp: 34700

Ion Ratio Lower Upper

276 100

138 13.8 11.4 17.0

277 24.9 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

