

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052316\
 Data File : BG022051.D
 Acq On : 23 May 2016 17:57
 Operator : UM/SJ
 Sample : H3124-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 24 07:45:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	201990	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	113273	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	208397	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	178409	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	169990	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	3042	4.19	ng/uL	0.00
5) Phenol-d5	7.31	99	72082	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	38280	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	62140	21.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	61936	21.35	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	29896	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	35279	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	58074	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	71787	23.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	190051	22.34	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	254484	21.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	16502	11.26	ng/ul	0.00
57) Fluorene-d10	15.78	176	162183	20.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	15982	14.67	ng/ul	0.00
70) Anthracene-d10	17.63	188	218325	21.83	ng/ul	0.00
76) Pyrene-d10	19.91	212	216799	21.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	182459	23.13	ng/ul	0.00

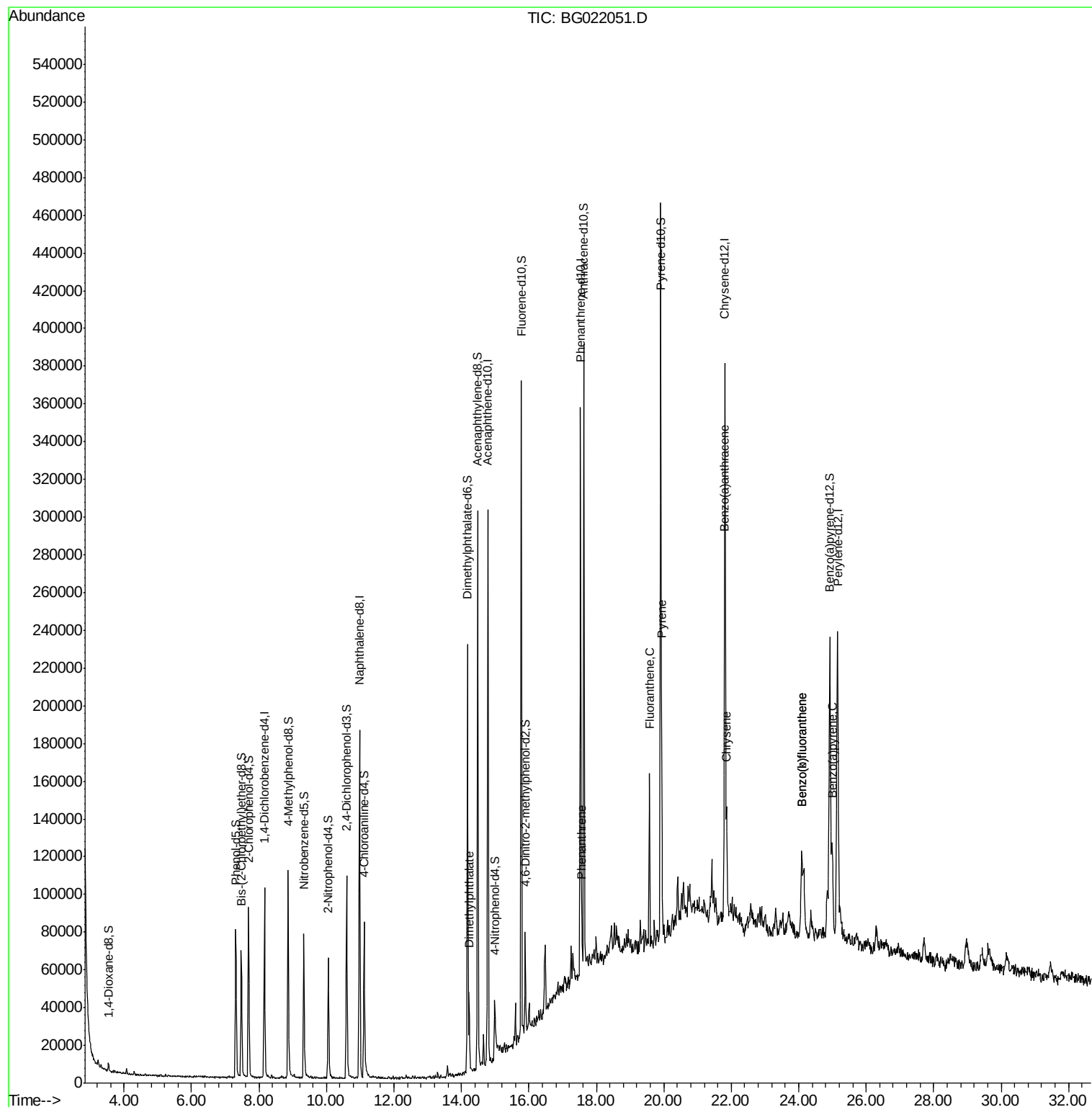
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	14.23	163	29542	3.46	ng/ul	99
69) Phenanthrene	17.57	178	13960	1.20	ng/ul#	89
74) Fluoranthene	19.57	202	56647	4.78	ng/ul	98
77) Pyrene	19.94	202	75955	6.05	ng/ul	97
80) Benzo(a)anthracene	21.79	228	38868	3.71	ng/ul	94
82) Chrysene	21.86	228	38083	3.79	ng/ul	95
85) Benzo(b)fluoranthene	24.09	252	44761	4.50	ng/ul#	97
86) Benzo(k)fluoranthene	24.09	252	44761	4.62	ng/ul#	93
88) Benzo(a)pyrene	24.99	252	47152	4.91	ng/ul	97

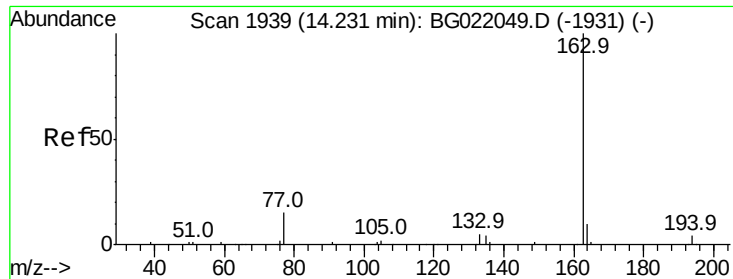
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 07:40:24 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.46 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG022051.D

Acq: 23 May 2016 17:57

Instrument :

BNA_G

ClientSampled :

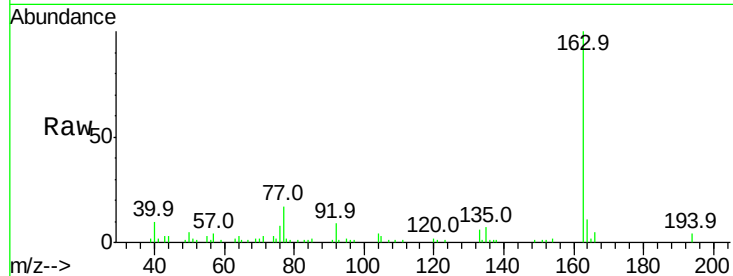
Tot Ion:163 Resp: 29542

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

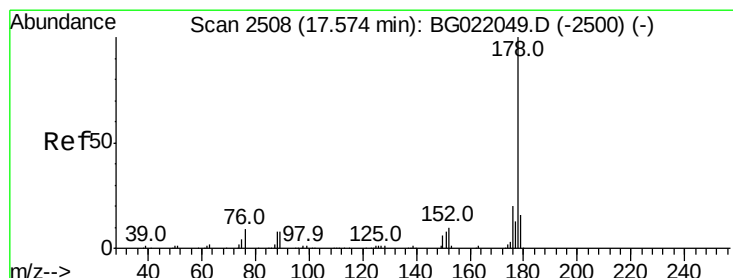
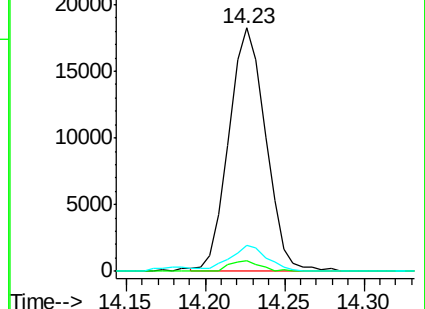
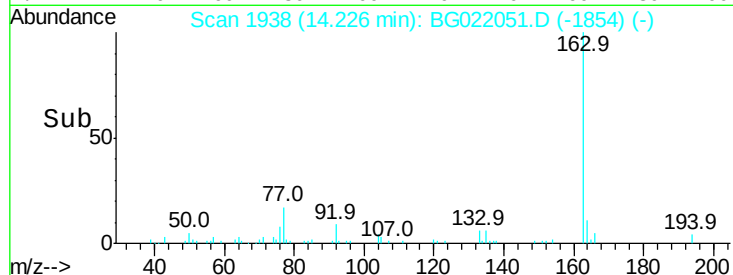
164 10.6 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.20 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG022051.D

Acq: 23 May 2016 17:57

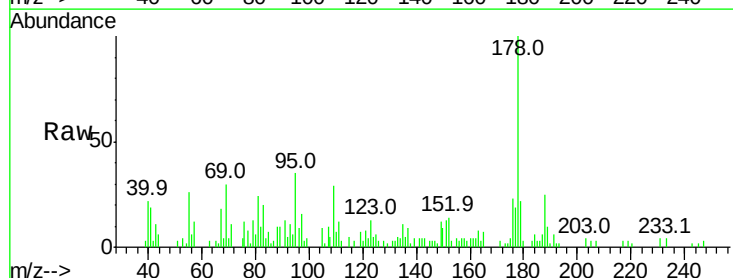
Tgt Ion:178 Resp: 13960

Ion Ratio Lower Upper

178 100

179 22.2 12.9 19.3#

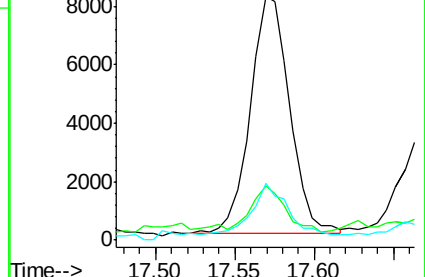
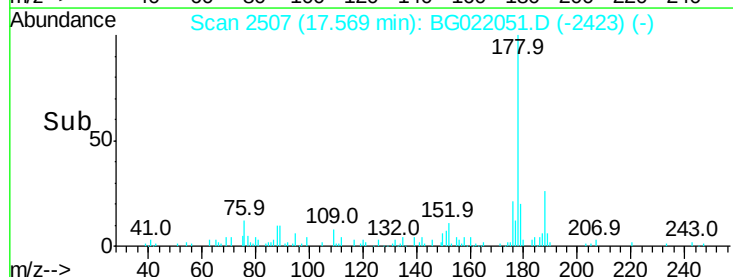
176 23.2 15.8 23.8

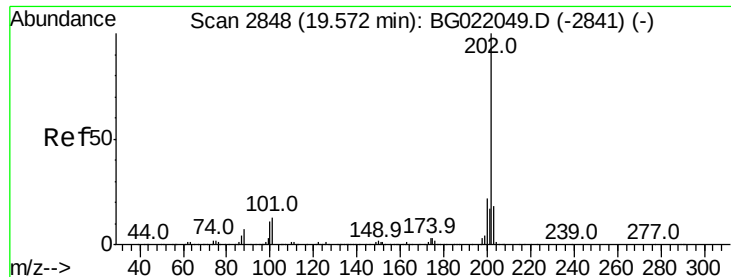


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.78 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG022051.D

Acq: 23 May 2016 17:57

Instrument :

BNA_G

ClientSampleId :

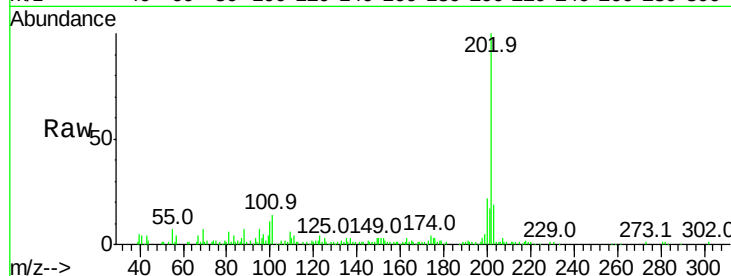
Tot Ion:202 Resp: 56647

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.6	16.0
100	11.4	8.7	13.1

202 100

101 14.3 10.6 16.0

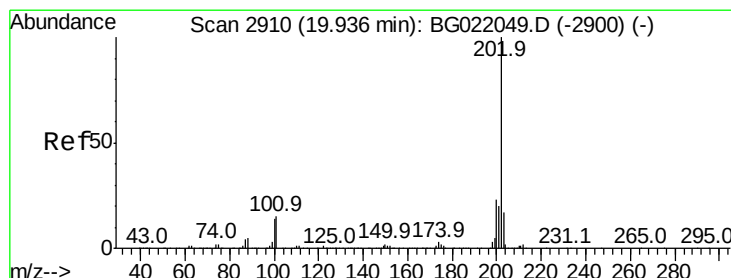
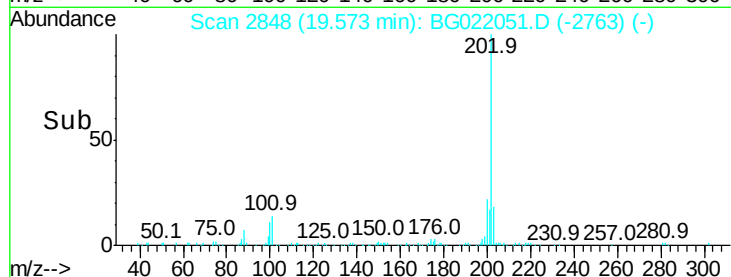
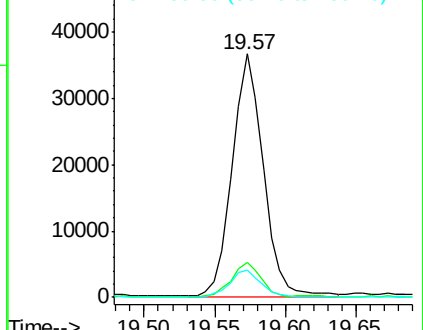
100 11.4 8.7 13.1



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



#77

Pyrene

Concen: 6.05 ng/ul

RT: 19.94 min Scan# 2910

Delta R.T. 0.00 min

Lab File: BG022051.D

Acq: 23 May 2016 17:57

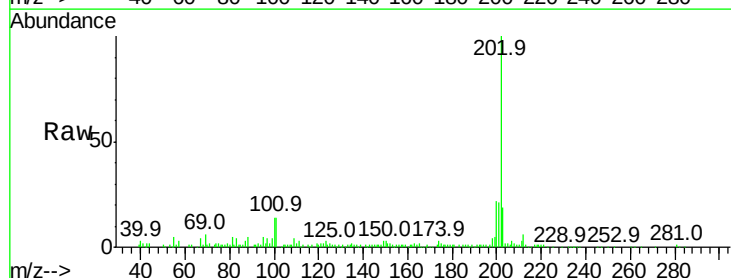
Tgt Ion:202 Resp: 75955

Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.5	18.7
100	14.0	10.2	15.4

202 100

101 14.0 12.5 18.7

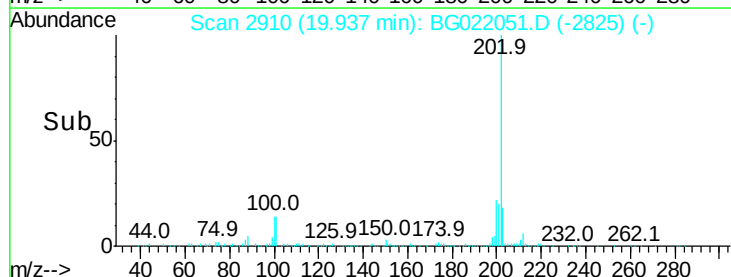
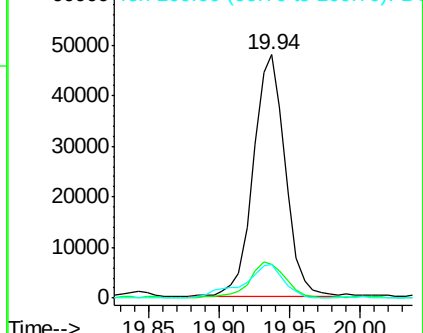
100 14.0 10.2 15.4

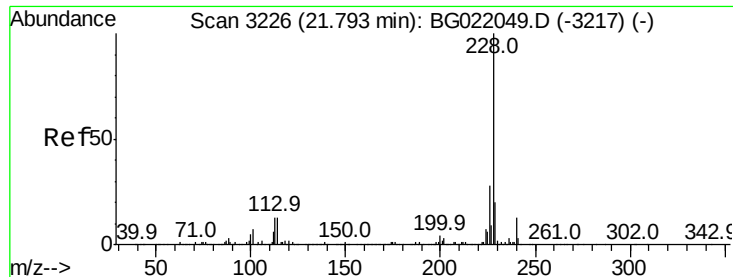


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

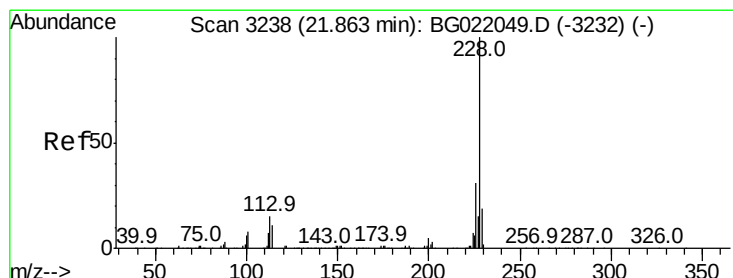
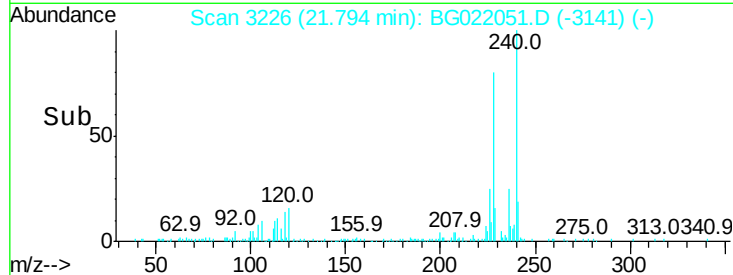
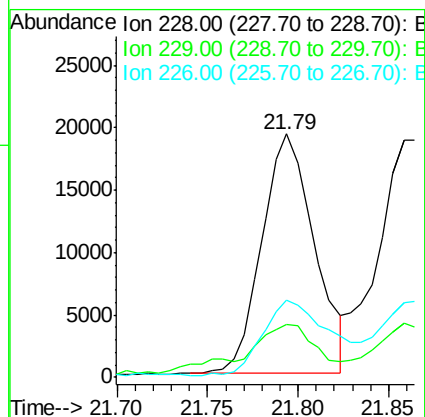
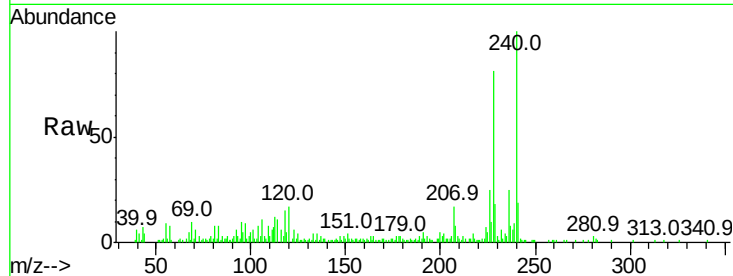




#80
Benzo(a)anthracene
Concen: 3.71 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

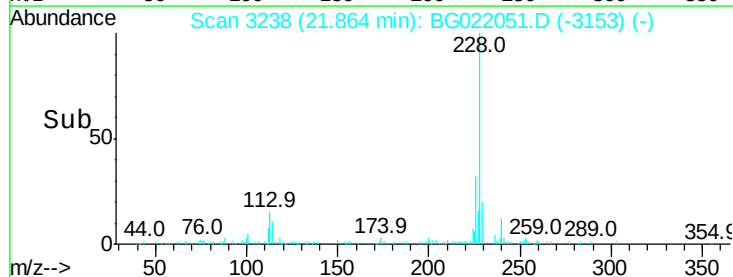
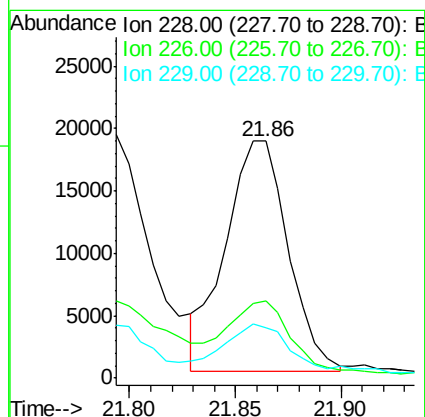
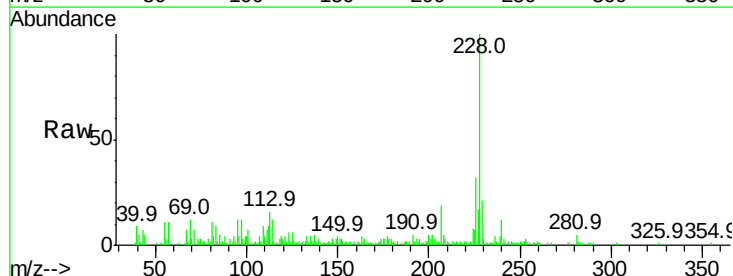
Instrument :
BNA_G
ClientSampled :

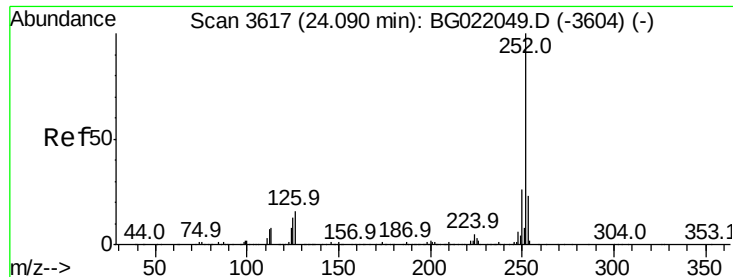
Tot Ion:228 Resp: 38868
Ion Ratio Lower Upper
228 100
229 21.8 15.4 23.2
226 31.5 22.8 34.2



#82
Chrysene
Concen: 3.79 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Tgt Ion:228 Resp: 38083
Ion Ratio Lower Upper
228 100
226 32.4 24.2 36.4
229 21.5 15.0 22.6

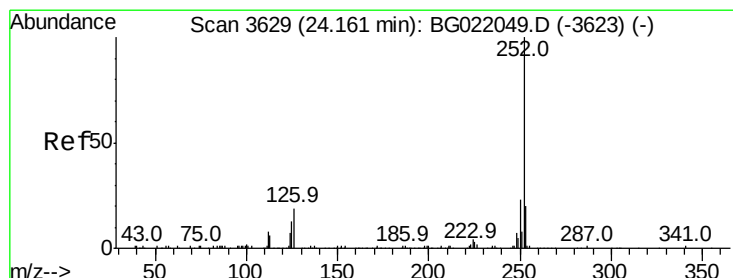
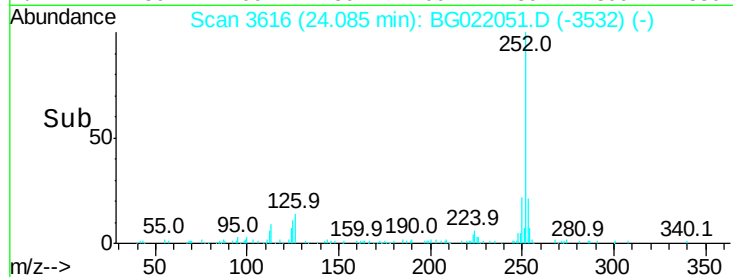
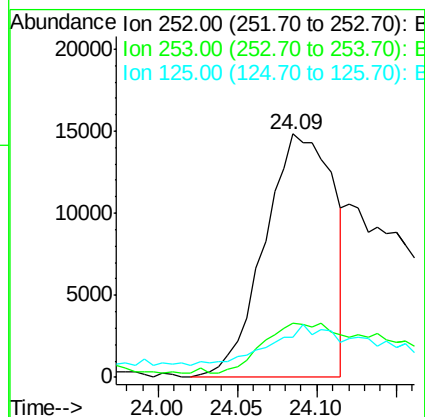
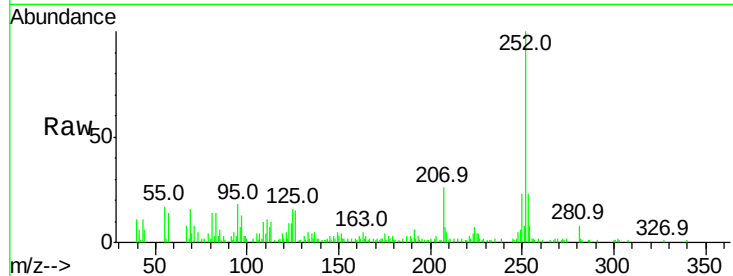




#85
Benzo(b)fluoranthene
Concen: 4.50 ng/ul
RT: 24.09 min Scan# 3616
Delta R.T. -0.00 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

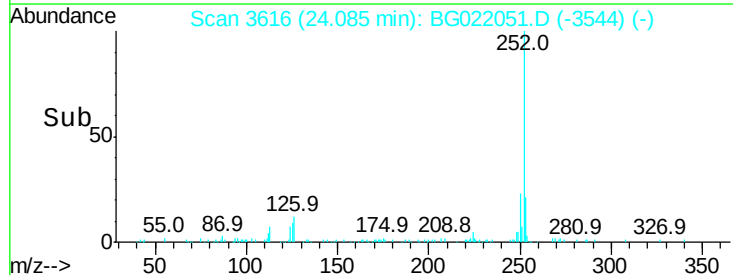
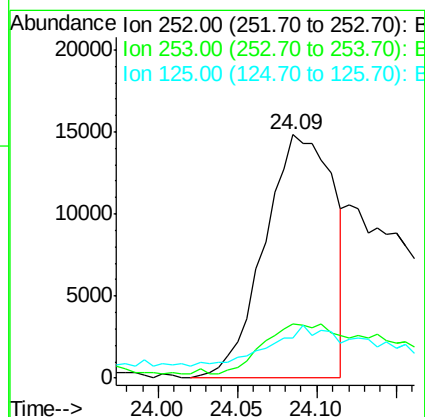
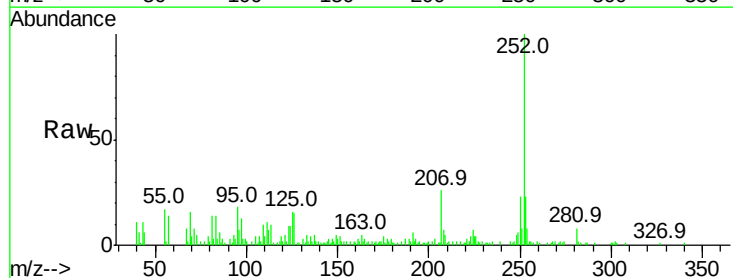
Instrument :
BNA_G
ClientSampleId :

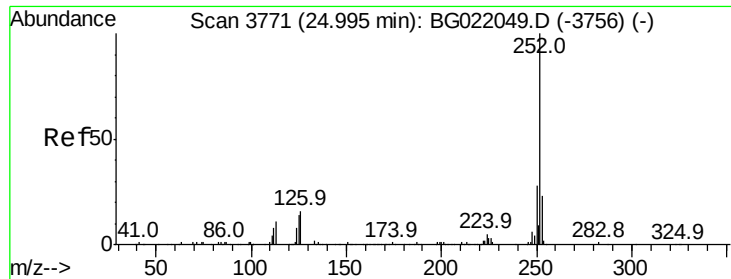
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	16.3	10.8	16.2#



#86
Benzo(k)fluoranthene
Concen: 4.62 ng/ul
RT: 24.09 min Scan# 3616
Delta R.T. -0.08 min
Lab File: BG022051.D
Acq: 23 May 2016 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	15.8	23.6
125	16.3	10.6	16.0#





#88

Benzo(a)pyrene

Concen: 4.91 ng/ul

RT: 24.99 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BG022051.D

Acq: 23 May 2016 17:57

Instrument :

BNA_G

ClientSampleId :

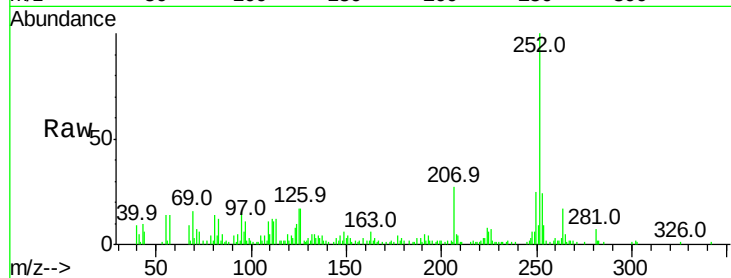
Tot Ion:252 Resp: 47152

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.4

125 17.1 12.0 18.0



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

