

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
 Data File : BG028587.D
 Acq On : 6 Sep 2017 18:06
 Operator : SJ/JU
 Sample : I5097-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 02:25:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 07 02:23:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	32608	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	136814	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	96827	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	245746	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	274373	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	274497	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	2948	4.21	ng/uL	0.00
5) Phenol-d5	7.49	99	75602	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	45138	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	54265	24.02	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	60037	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	27985	26.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	31376	26.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	65244	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	57216	21.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	211115	24.51	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	248822	25.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	27082	19.78	ng/ul	0.00
57) Fluorene-d10	15.94	176	186160	24.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	32888	20.60	ng/ul	0.00
70) Anthracene-d10	17.80	188	301344	25.57	ng/ul	0.00
76) Pyrene-d10	20.07	212	354420	25.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	330936	25.75	ng/ul	0.00

Target Compounds

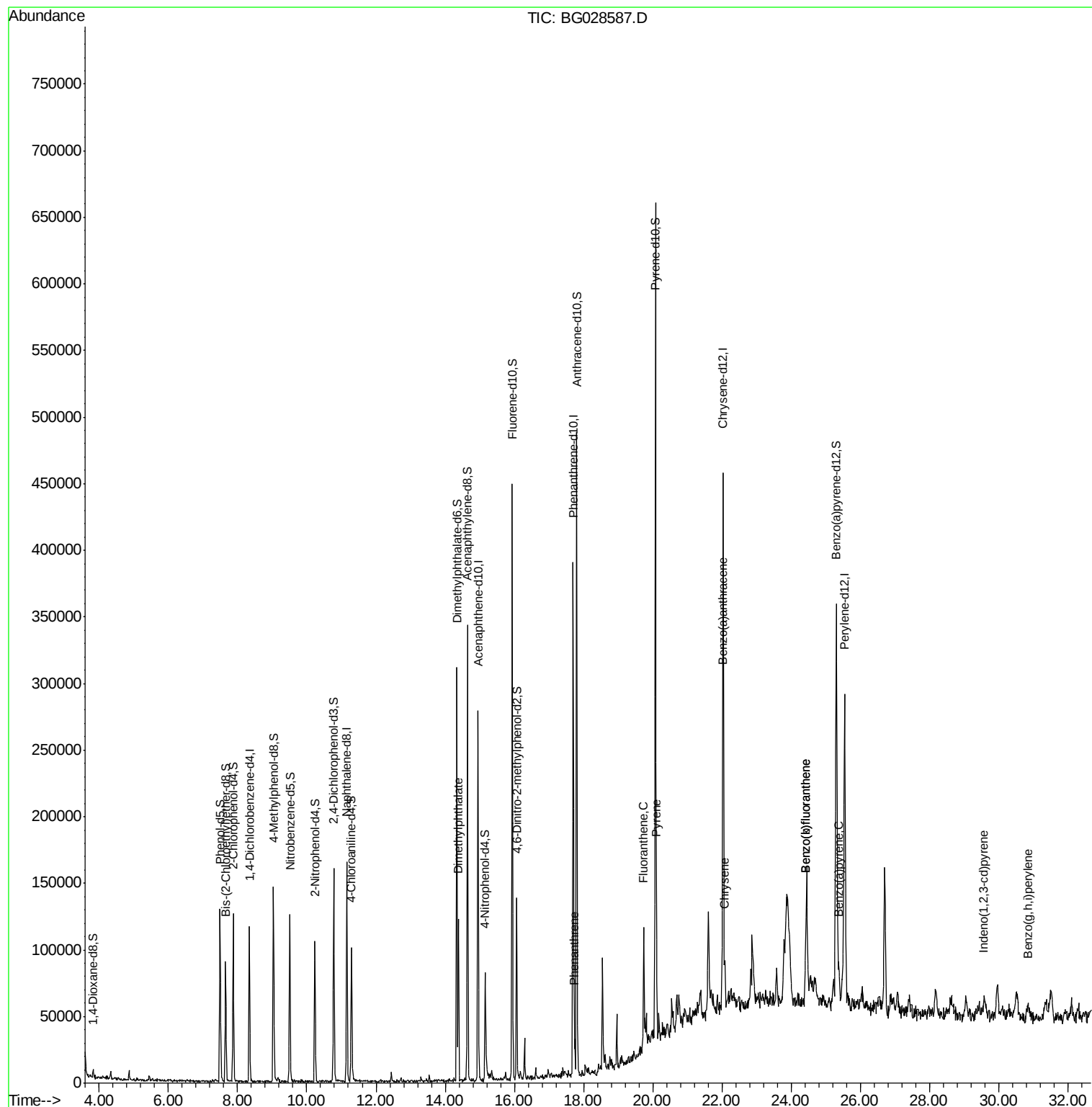
					Ovalue	
44) Dimethylphthalate	14.38	163	76734	9.677	ng/ul#	99
69) Phenanthrene	17.74	178	18641	1.507	ng/ul	95
74) Fluoranthene	19.74	202	57216	3.807	ng/ul	99
77) Pyrene	20.10	202	54272	3.315	ng/ul#	95
80) Benzo(a)anthracene	22.01	228	34806	2.196	ng/ul	98
82) Chrysene	22.08	228	32500	2.276	ng/ul	95
85) Benzo(b)fluoranthene	24.42	252	49616	3.021	ng/ul#	89
86) Benzo(k)fluoranthene	24.42	252	49616	3.092	ng/ul#	91
88) Benzo(a)pyrene	25.38	252	34694	2.181	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.57	276	26369	1.416	ng/ul#	87
91) Benzo(g,h,i)perylene	30.84	276	21154	1.381	ng/ul#	96

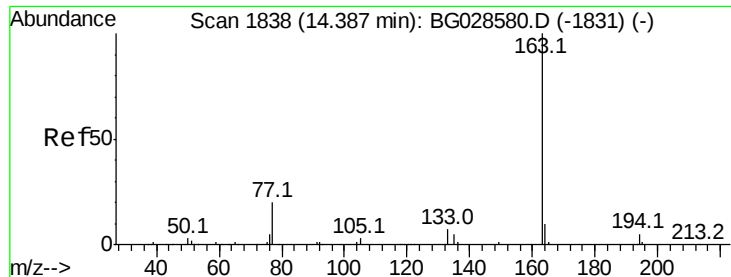
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028587.D
Acq On : 6 Sep 2017 18:06
Operator : SJ/JU
Sample : I5097-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 07 02:25:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 07 02:23:39 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.677 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

Instrument :

BNA_G

ClientSampleId :

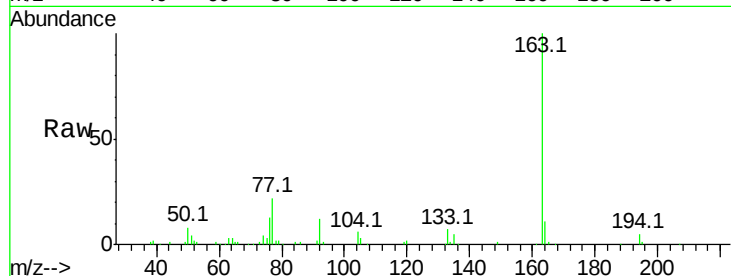
Tot Ion:163 Resp: 76734

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.0#

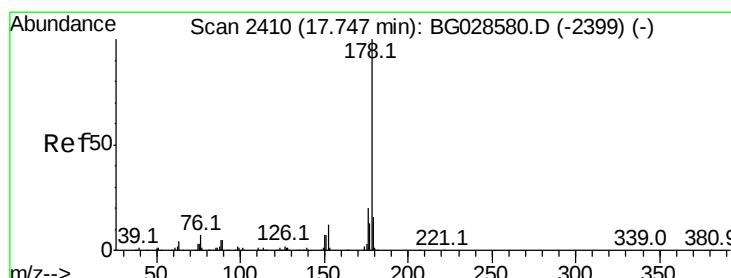
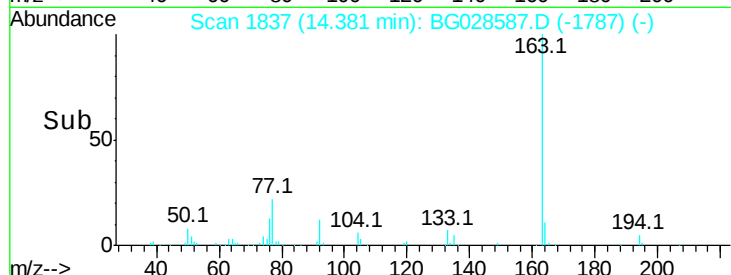
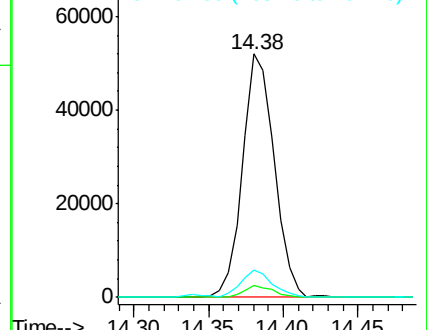
164 11.4 9.0 13.4



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: 1.507 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

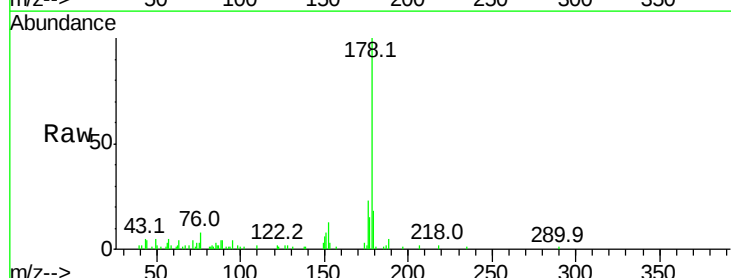
Tgt Ion:178 Resp: 18641

Ion Ratio Lower Upper

178 100

179 17.9 12.4 18.6

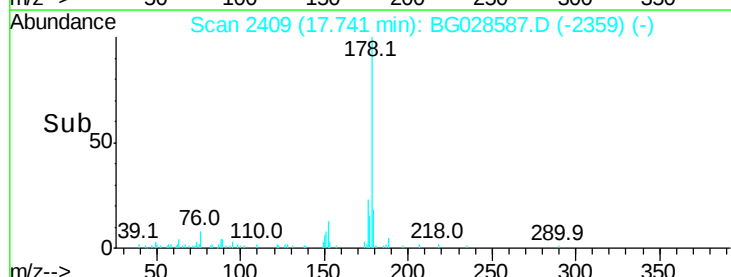
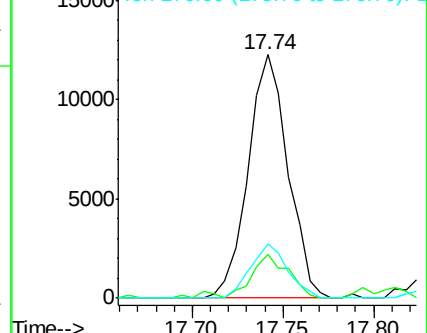
176 22.5 16.5 24.7

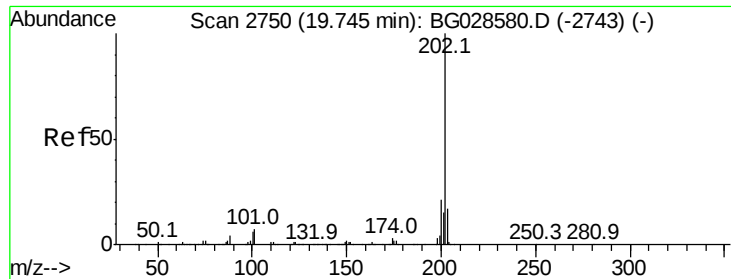


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.807 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

Instrument :

BNA_G

ClientSampleId :

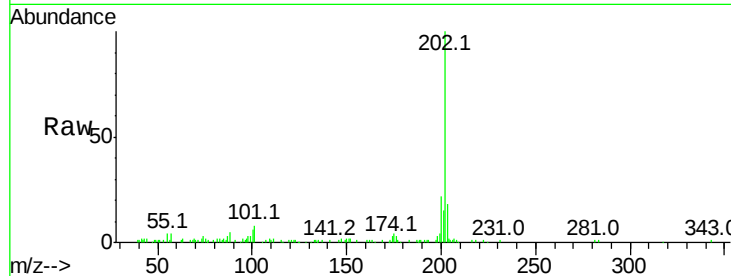
Tot Ion:202 Resp: 57216

Ion Ratio Lower Upper

202 100

101 8.1 6.2 9.2

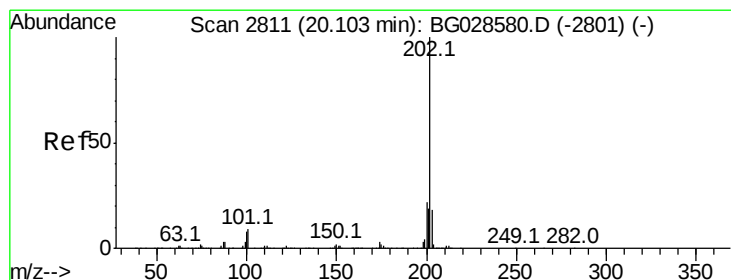
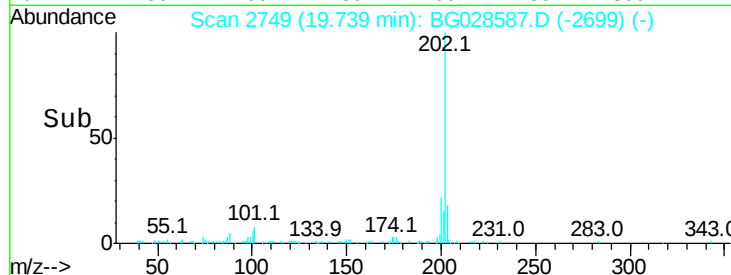
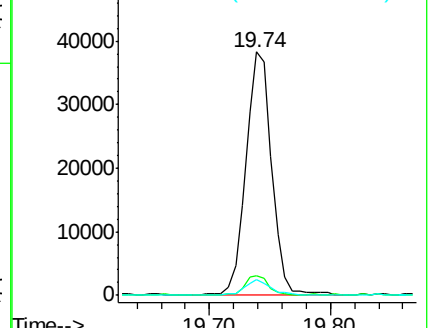
100 6.4 5.2 7.8



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: 3.315 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

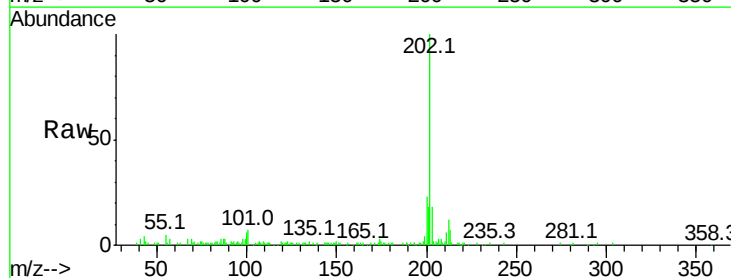
Tgt Ion:202 Resp: 54272

Ion Ratio Lower Upper

202 100

101 7.1 6.9 10.3

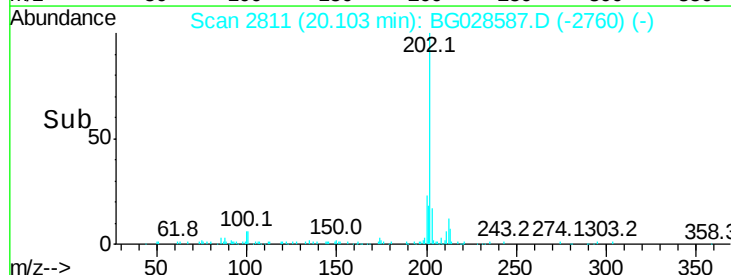
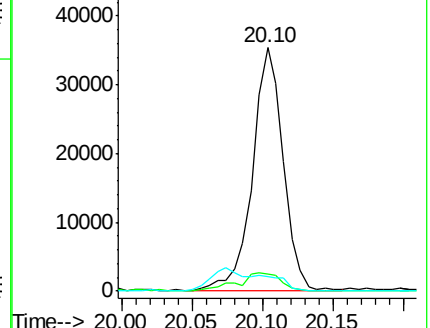
100 6.1 6.6 10.0#

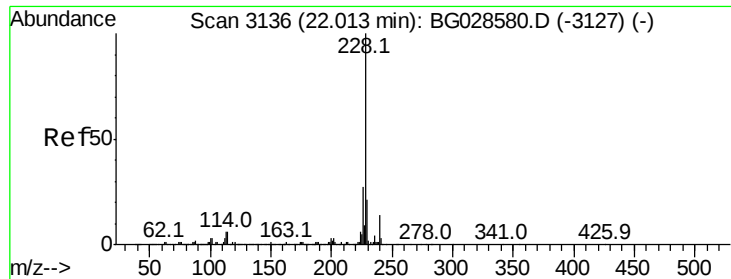


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.196 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

Instrument :

BNA_G

ClientSampleId :

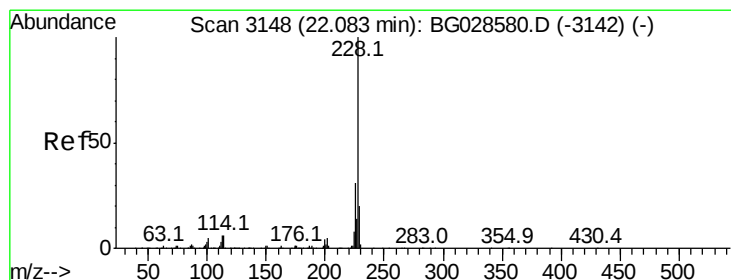
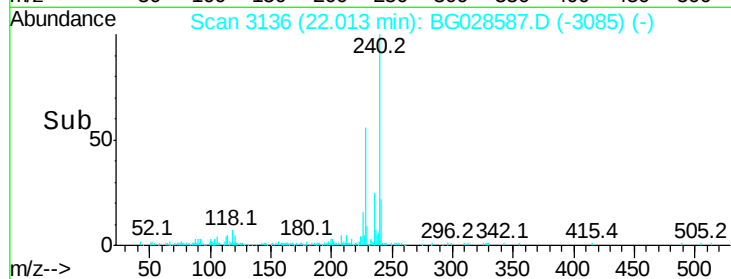
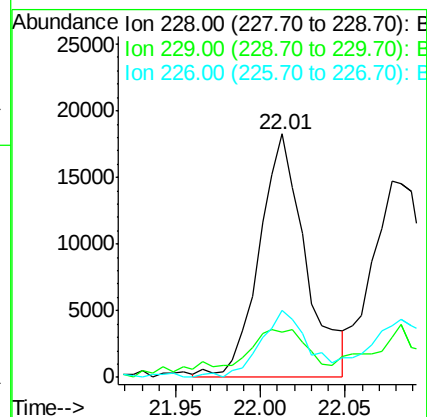
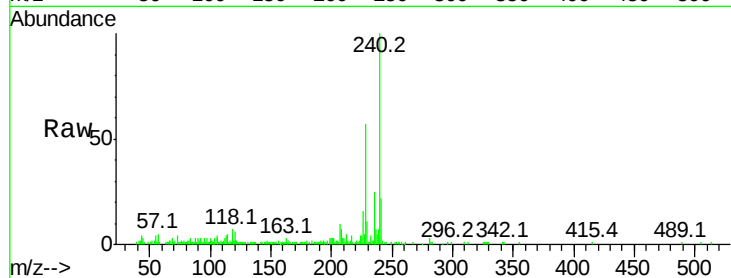
Tot Ion:228 Resp: 34806

Ion Ratio Lower Upper

228 100

229 18.6 16.3 24.5

226 27.6 21.9 32.9



#82

Chrysene

Concen: 2.276 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

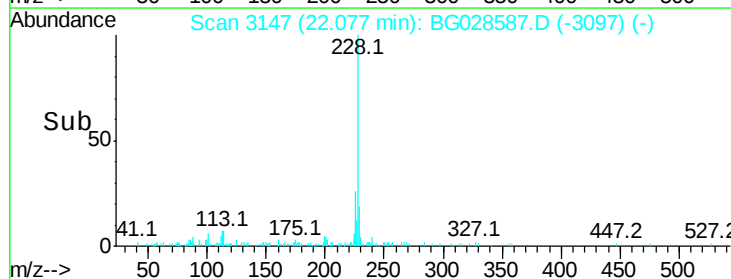
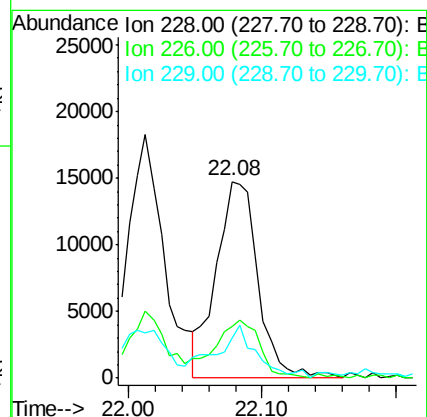
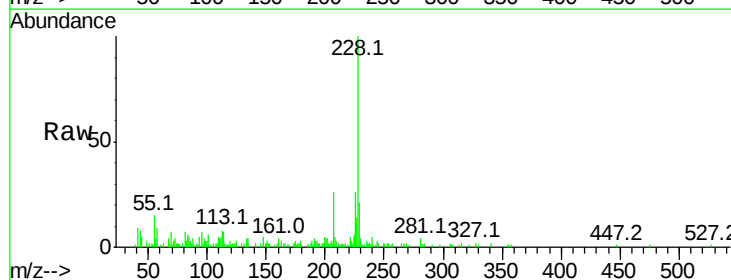
Tgt Ion:228 Resp: 32500

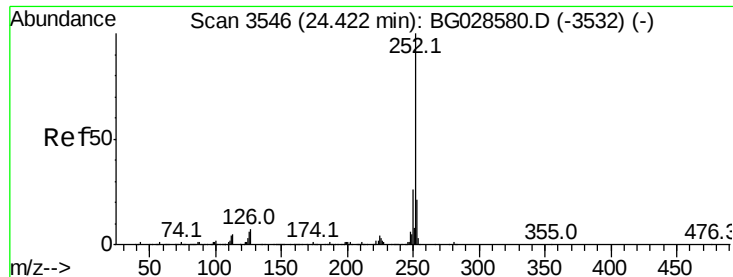
Ion Ratio Lower Upper

228 100

226 26.1 24.0 36.0

229 20.5 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 3.021 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

Instrument :

BNA_G

ClientSampleId :

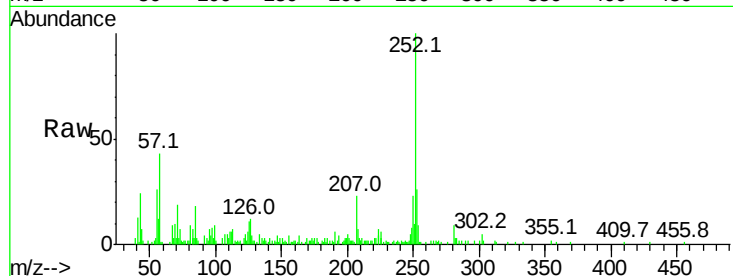
Tot Ion:252 Resp: 49616

Ion Ratio Lower Upper

252 100

253 26.3 17.7 26.5

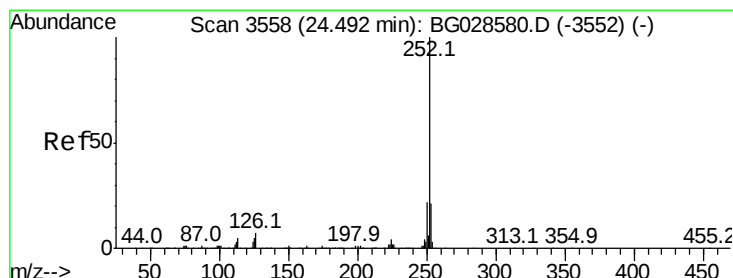
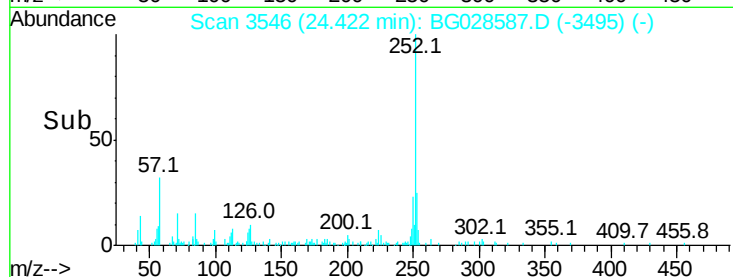
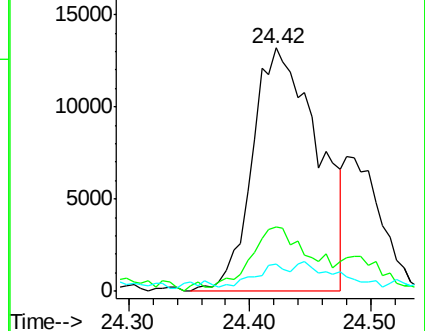
125 11.1 4.0 6.0#



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



#86

Benzo(k)fluoranthene

Concen: 3.092 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. -0.07 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

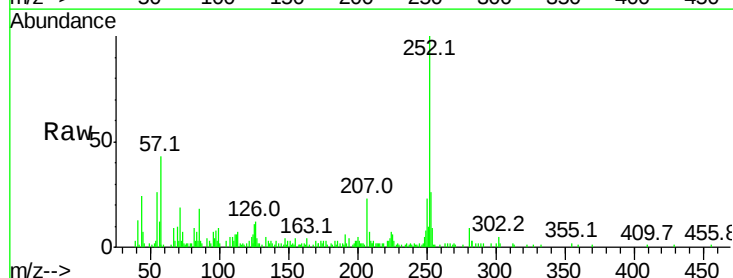
Tgt Ion:252 Resp: 49616

Ion Ratio Lower Upper

252 100

253 26.3 18.5 27.7

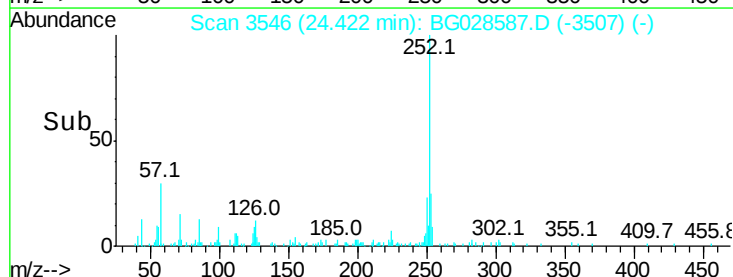
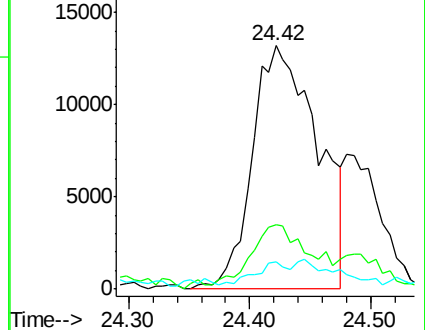
125 11.1 4.1 6.1#

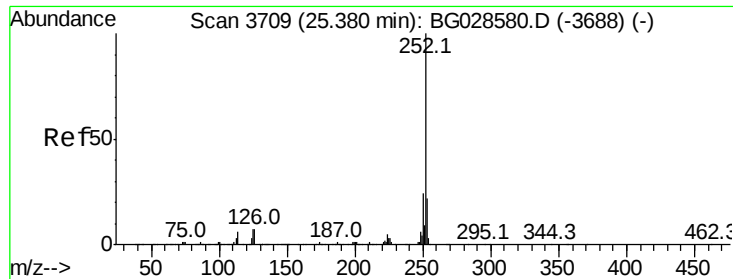


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.181 ng/ul

RT: 25.38 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

Instrument :

BNA_G

ClientSampleId :

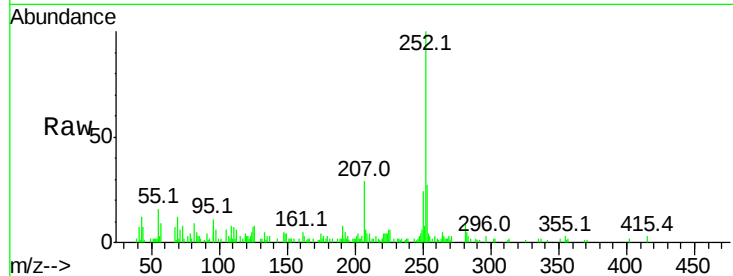
Tot Ion:252 Resp: 34694

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.6
125	6.9	5.4	8.0

252 100

253 26.6 17.8 26.6

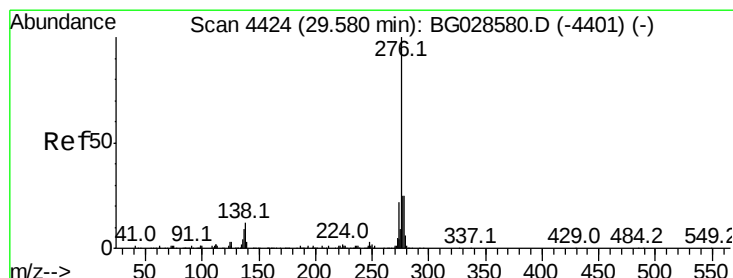
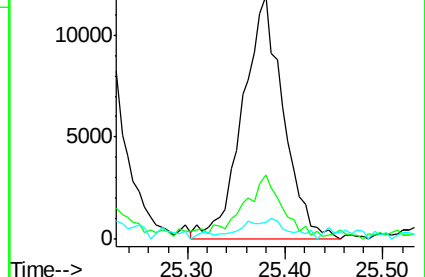
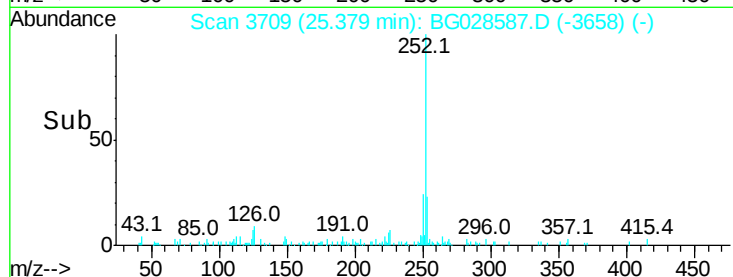
125 6.9 5.4 8.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.416 ng/ul

RT: 29.57 min Scan# 4422

Delta R.T. -0.01 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

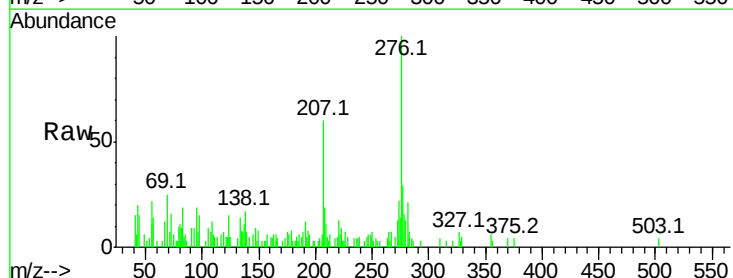
Tgt Ion:276 Resp: 26369

Ion	Ratio	Lower	Upper
276	100		
138	16.5	8.2	12.4#
277	29.1	18.6	28.0#

276 100

138 16.5 8.2 12.4#

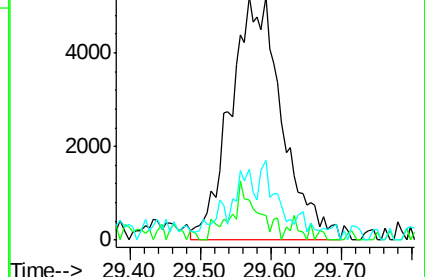
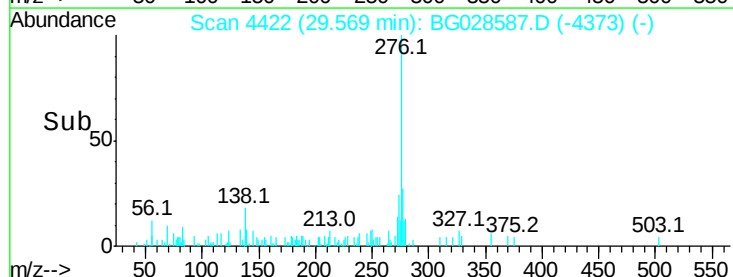
277 29.1 18.6 28.0#

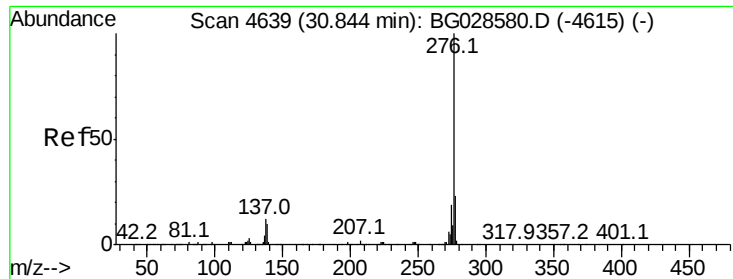


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.381 ng/ul

RT: 30.84 min Scan# 4638

Delta R.T. -0.01 min

Lab File: BG028587.D

Acq: 6 Sep 2017 18:06

Instrument :

BNA_G

ClientSampleId :

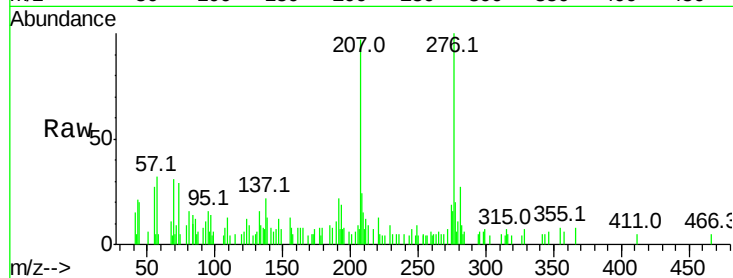
Tot Ion: 276 Resp: 21154

Ion Ratio Lower Upper

276 100

138 13.2 8.6 12.8#

277 20.5 17.6 26.4



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

