

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 :
 BDZT5

Quant Time: Sep 07 03:52:55 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

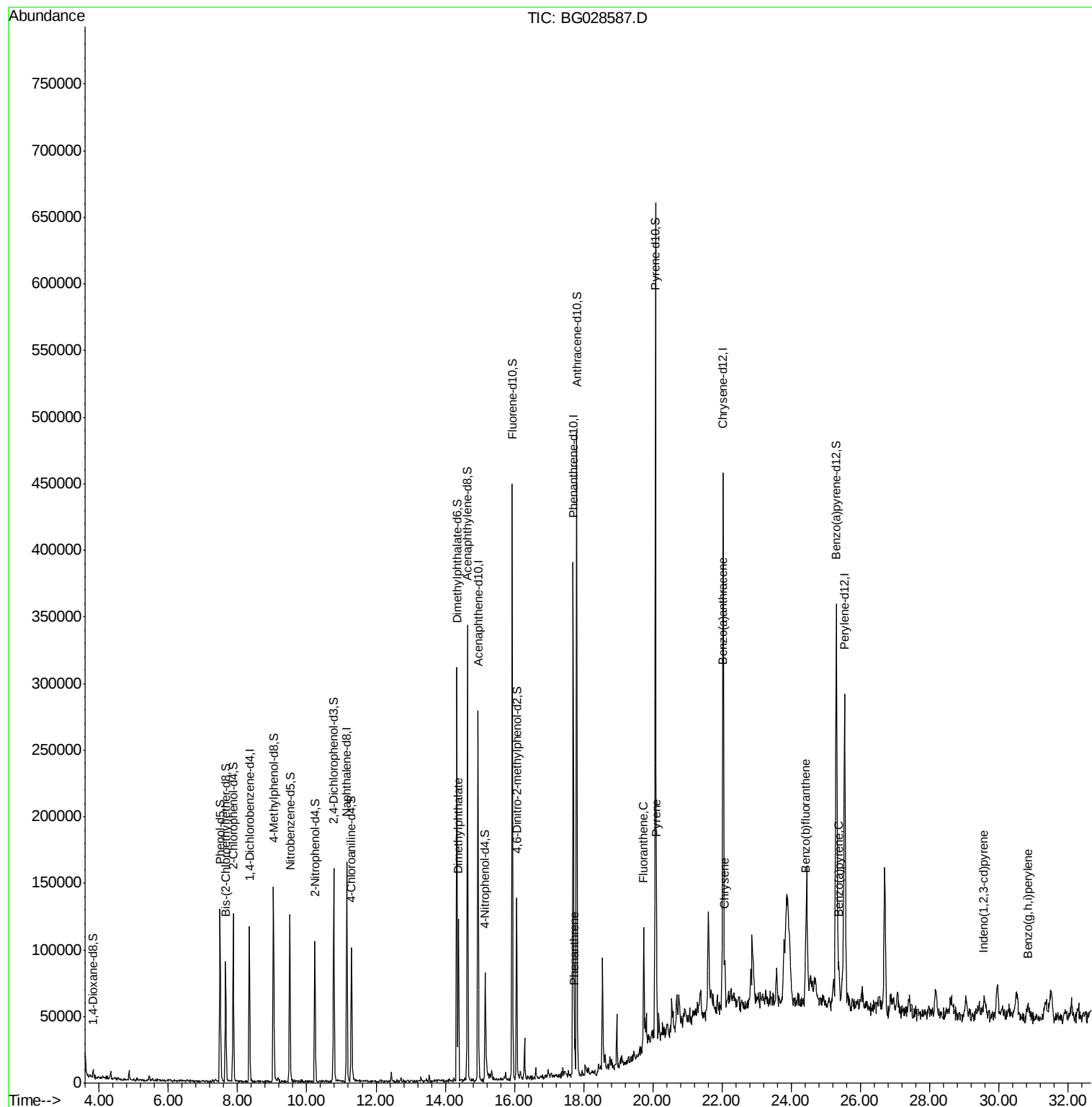
					Ovalue	
44) Dimethylphthalate	14.38	163	76734	9.677	ng/ul#	99
69) Phenanthrene	17.74	178	18641	1.507	ng/ul	95
74) Fluoranthene	19.74	202	57216	3.807	ng/ul	99
77) Pyrene	20.10	202	54272	3.315	ng/ul#	95
80) Benzo(a)anthracene	22.01	228	34806	2.196	ng/ul	98
82) Chrysene	22.08	228	32500	2.276	ng/ul	95
85) Benzo(b)fluoranthene	24.42	252	49616	3.021	ng/ul#	89
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

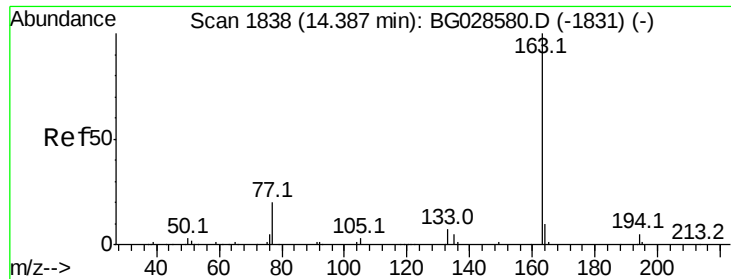
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

BDZT5

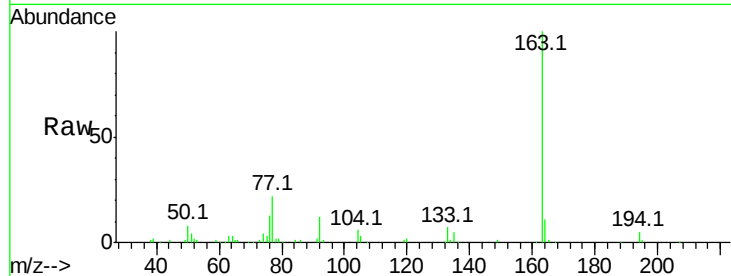
Tot Ion:163 Resp: 76734

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.0#

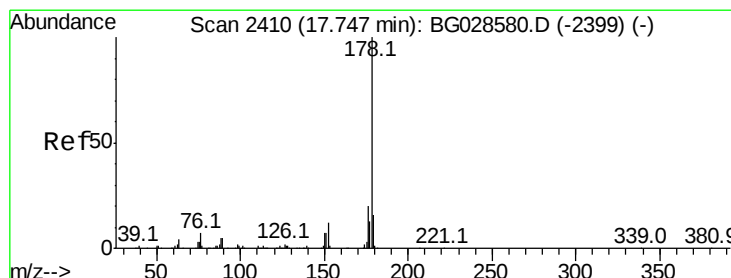
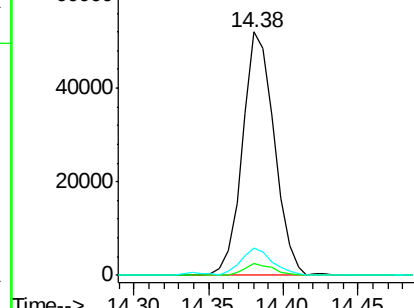
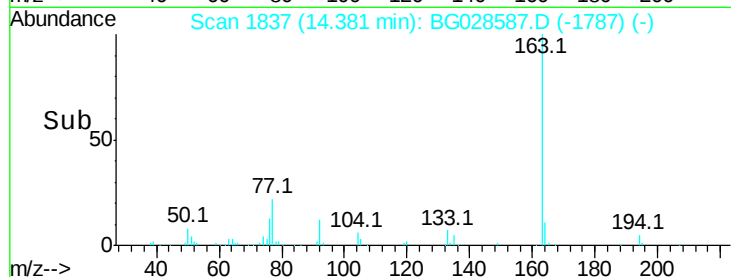
164 11.4 9.0 13.4



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

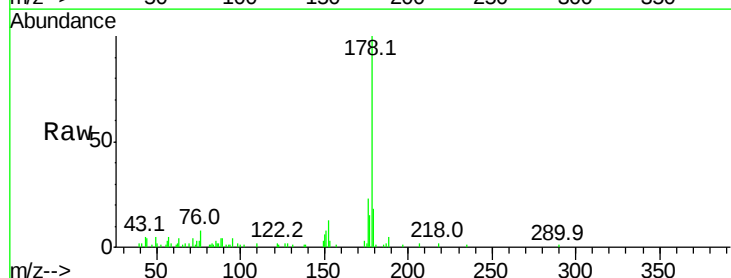
Tgt Ion:178 Resp: 18641

Ion Ratio Lower Upper

178 100

179 17.9 12.4 18.6

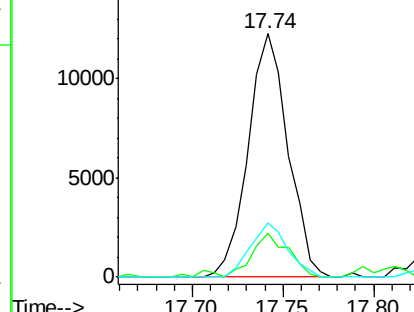
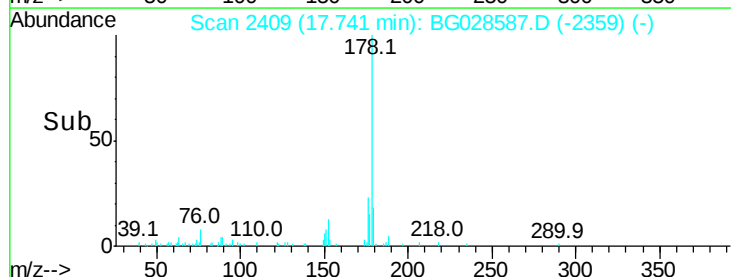
176 22.5 16.5 24.7

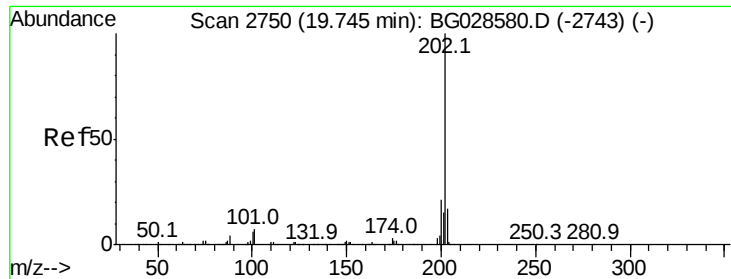


Abundance Ion 178.00 (177.70 to 178.70): E

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 :

BDZT5

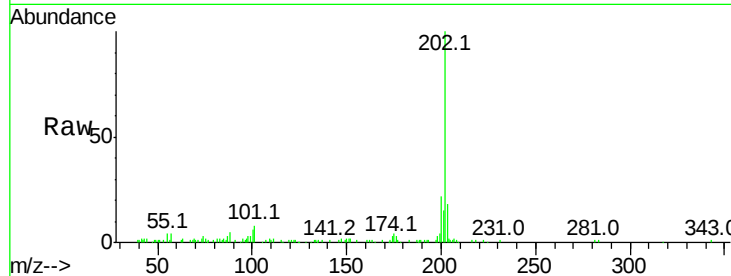
Tot Ion:202 Resp: 57216

Ion Ratio Lower Upper

202 100

101 8.1 6.2 9.2

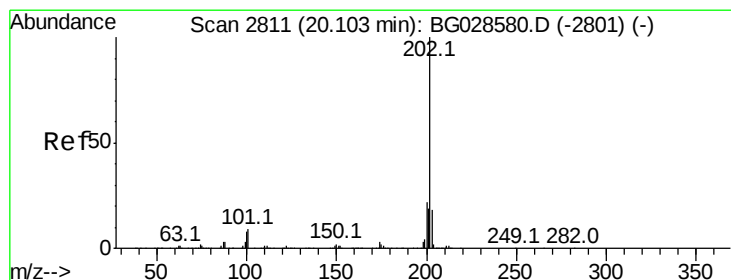
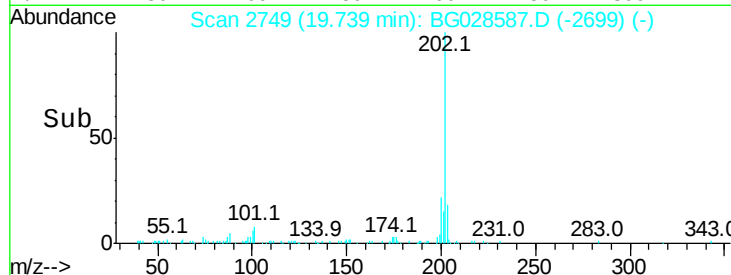
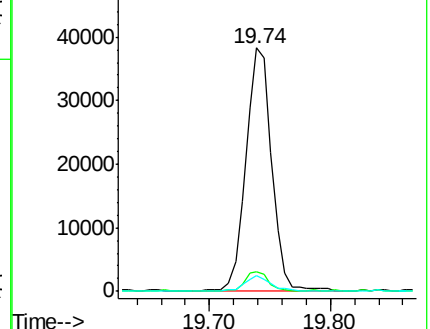
100 6.4 5.2 7.8



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

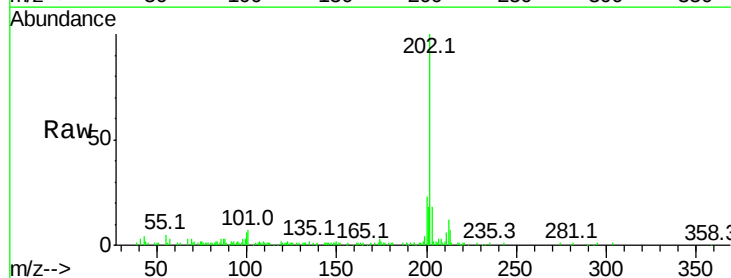
Tgt Ion:202 Resp: 54272

Ion Ratio Lower Upper

202 100

101 7.1 6.9 10.3

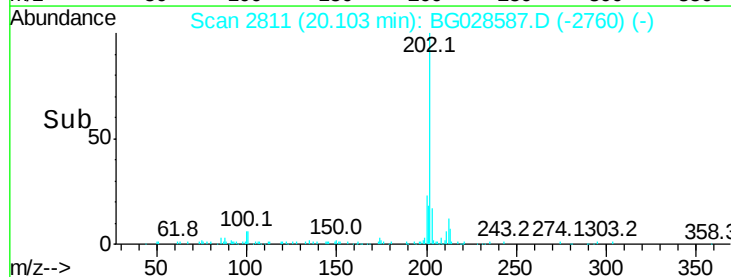
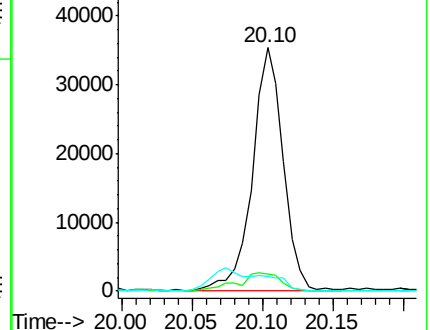
100 6.1 6.6 10.0#

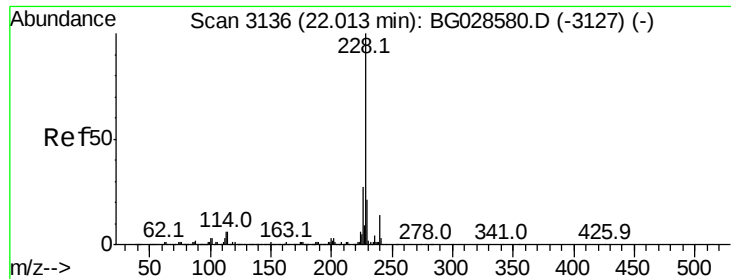


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

BDZT5

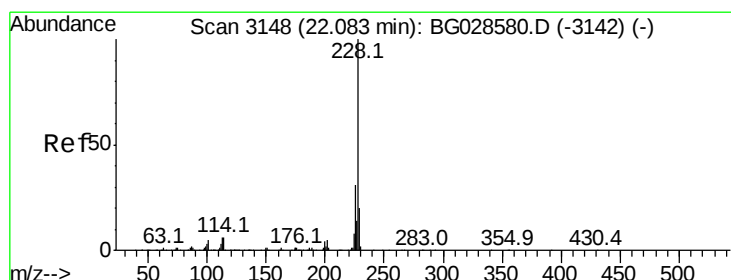
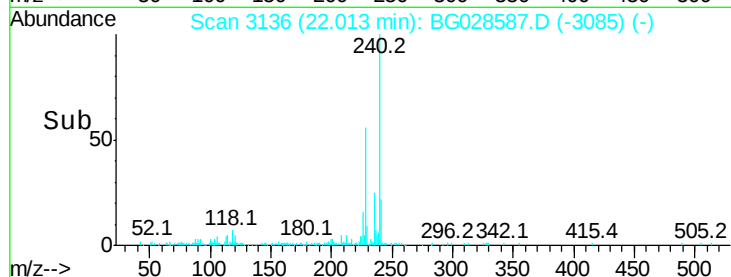
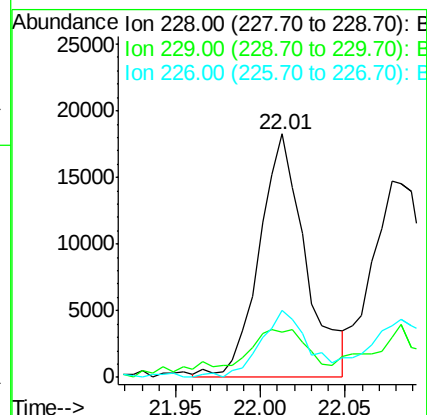
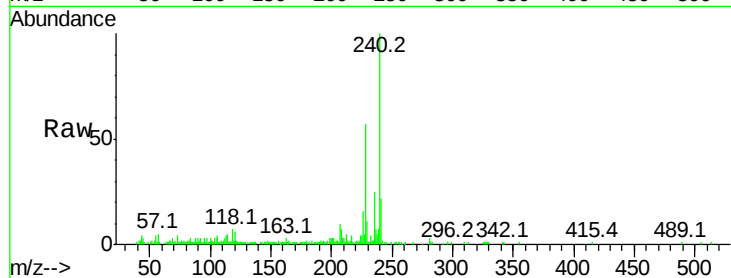
Tot Ion:228 Resp: 34806

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

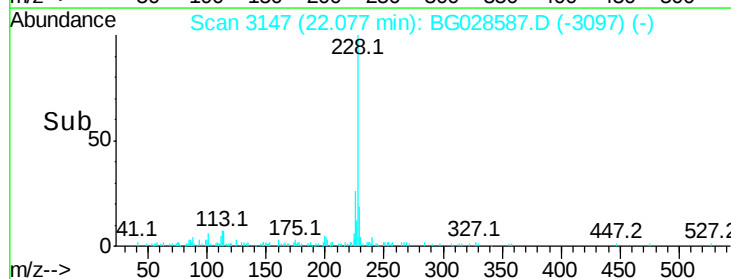
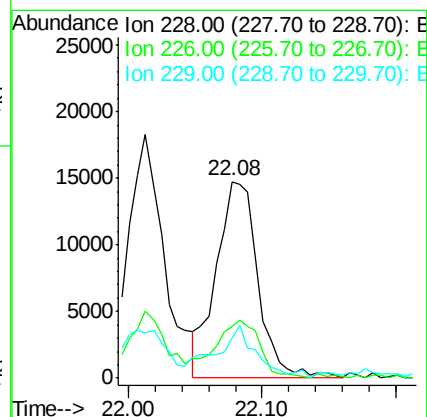
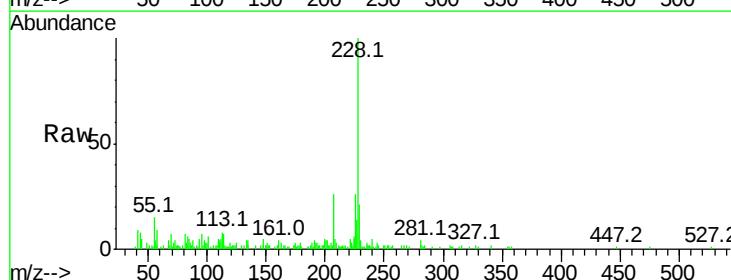
Tgt Ion:228 Resp: 32500

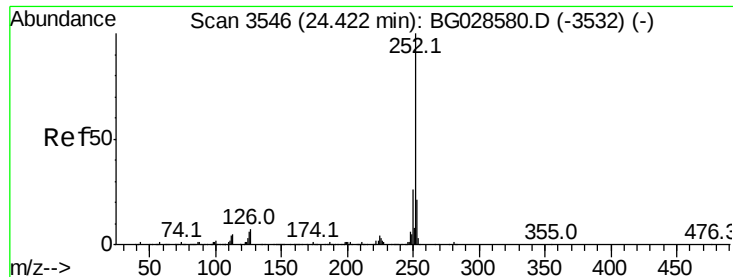
Ion Ratio Lower Upper

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 :

BDZT5

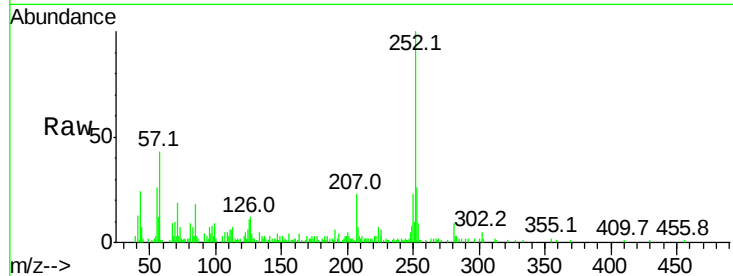
Tot Ion:252 Resp: 49616

Ion Ratio Lower Upper

252 100

253 26.3 17.7 26.5

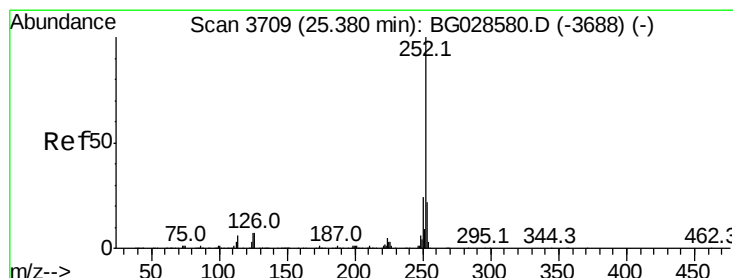
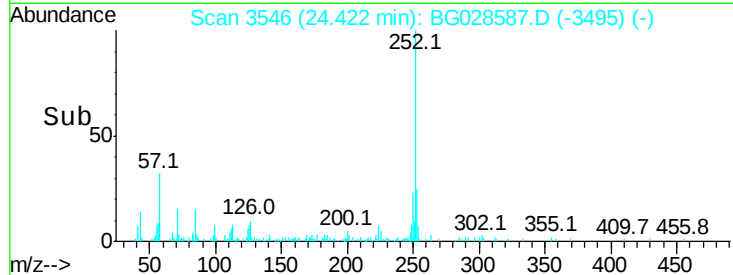
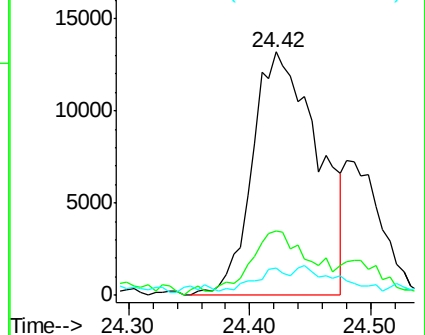
125 11.1 4.0 6.0#



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



#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

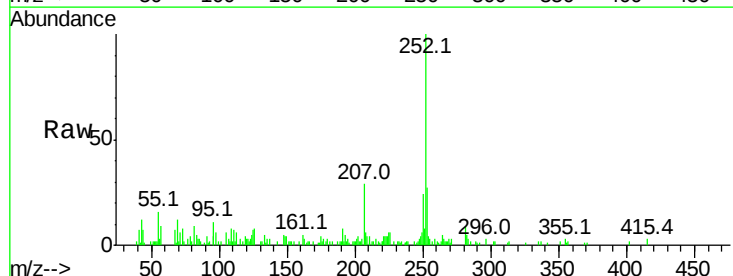
Tgt Ion:252 Resp: 34694

Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.6

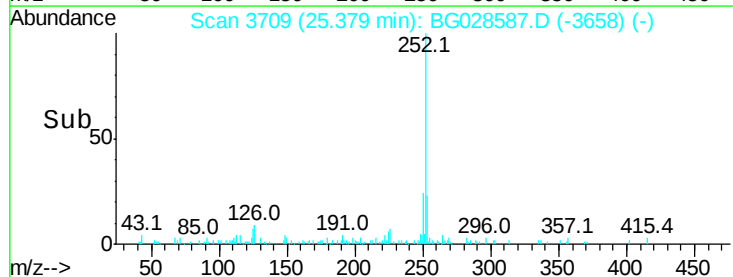
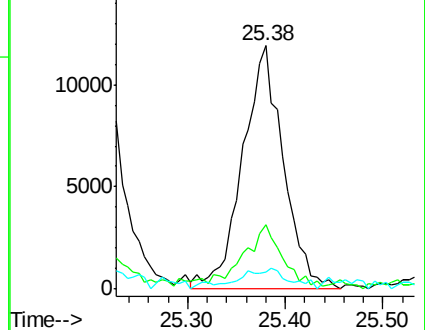
125 6.9 5.4 8.0

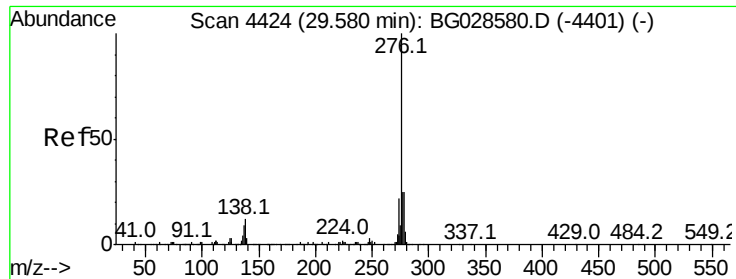


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



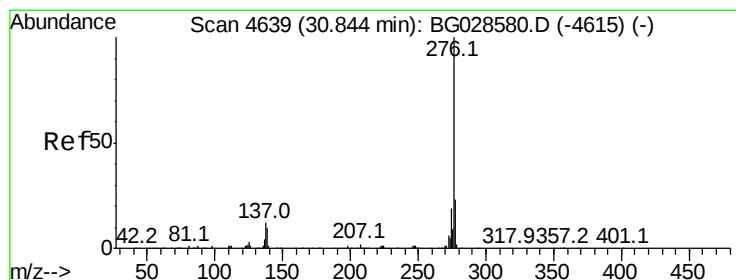
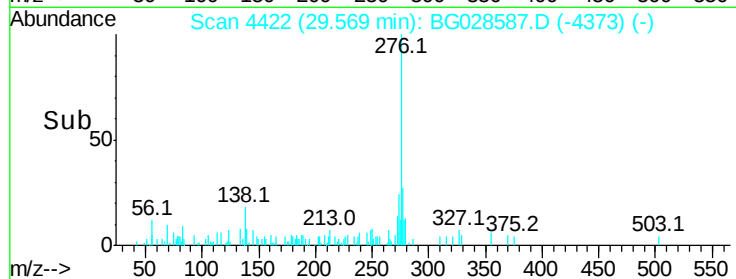
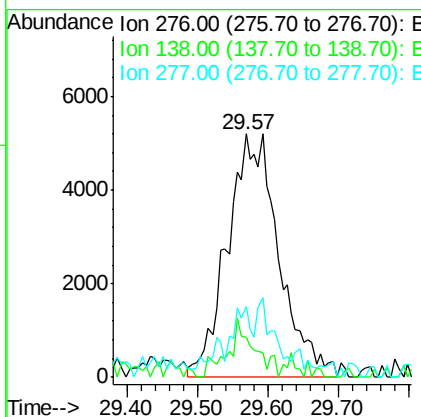
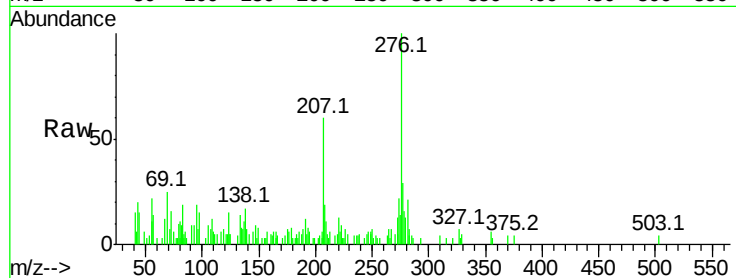


#89

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

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



#91

Benzo(g,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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.6	12.8#
277	20.5	17.6	26.4

