

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090617\
 Data File : BG028588.D
 Acq On : 6 Sep 2017 18:46
 Operator : SJ/JU
 Sample : I5097-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 02:25:24 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	8.34	152	33938	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	148627	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	99294	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	244301	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	276363	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	270104	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3214	4.41	ng/uL	0.00
5) Phenol-d5	7.50	99	73517	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	44813	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	54590	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	56209	18.04	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	26690	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	33481	26.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	58902	22.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	54337	18.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	198496	22.48	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	236692	23.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	22932	16.33	ng/ul	0.00
57) Fluorene-d10	15.94	176	173366	21.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	28727	18.10	ng/ul	0.00
70) Anthracene-d10	17.80	188	287938	24.58	ng/ul	0.00
76) Pyrene-d10	20.08	212	331802	23.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	313019	24.75	ng/ul	0.00

Target Compounds

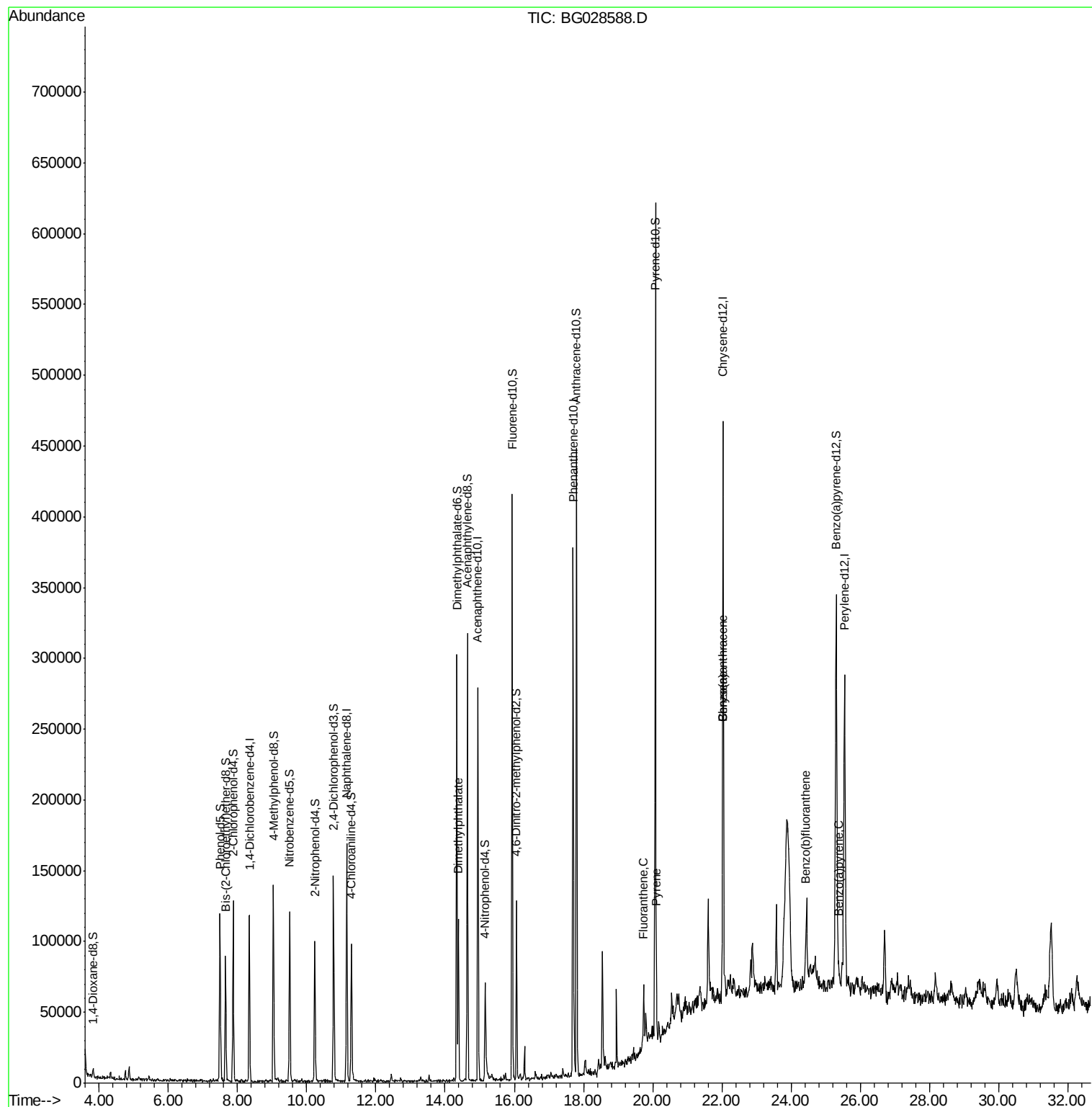
					Ovalue	
44) Dimethylphthalate	14.38	163	70856	8.714	ng/ul	99
74) Fluoranthene	19.74	202	28971	1.939	ng/ul#	92
77) Pyrene	20.11	202	28786	1.746	ng/ul#	95
80) Benzo(a)anthracene	22.01	228	18658	1.168	ng/ul	92
82) Chrysene	22.01	228	18658	1.297	ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	23640	1.463	ng/ul#	85
88) Benzo(a)pyrene	25.38	252	18965	1.212	ng/ul	98

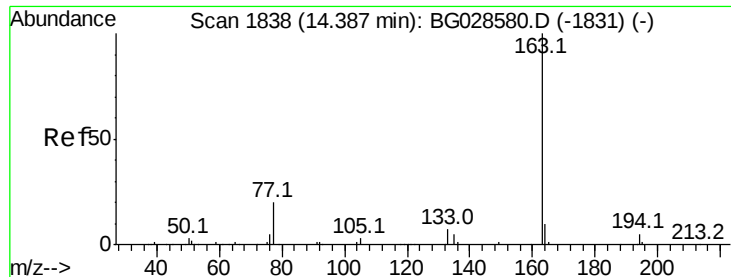
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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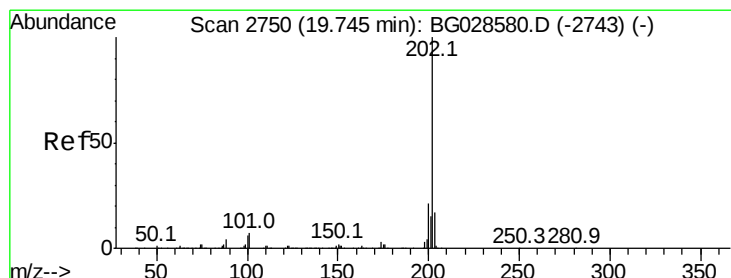
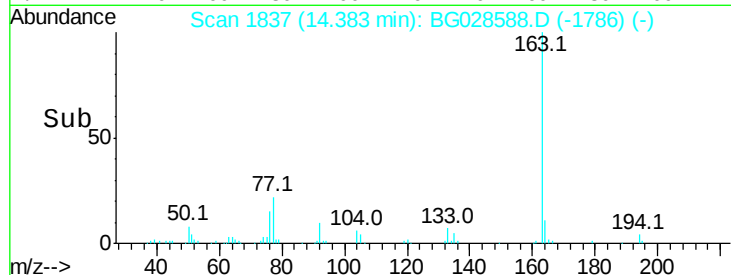
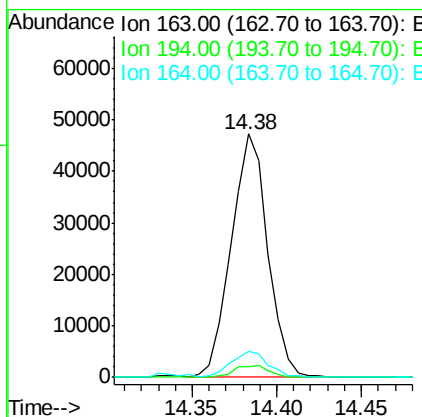
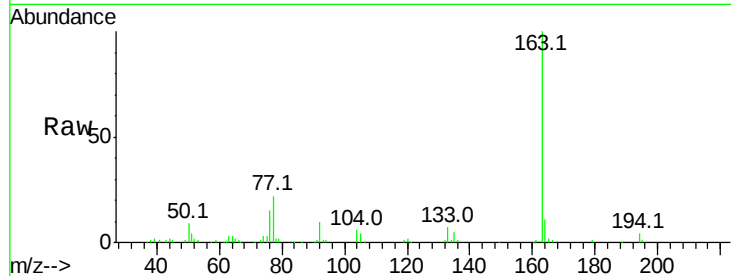




#44
Dimethylphthalate
Concen: 8.714 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028588.D
Acq: 6 Sep 2017 18:46

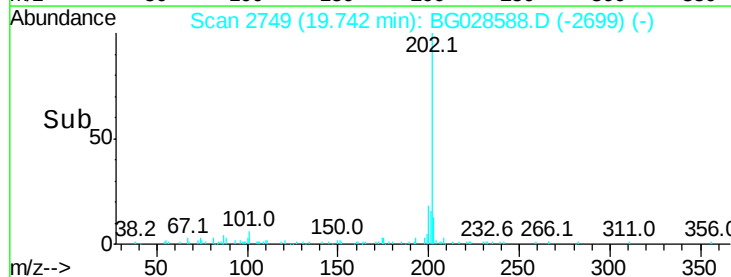
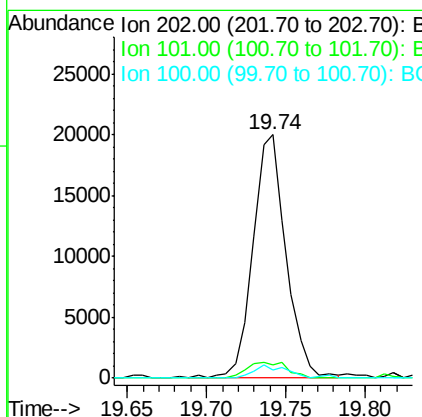
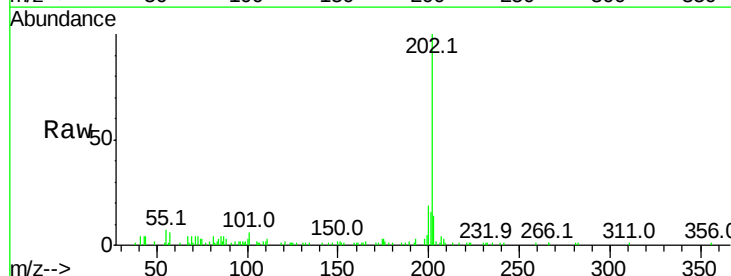
Instrument :
BNA_G
ClientSampleId :

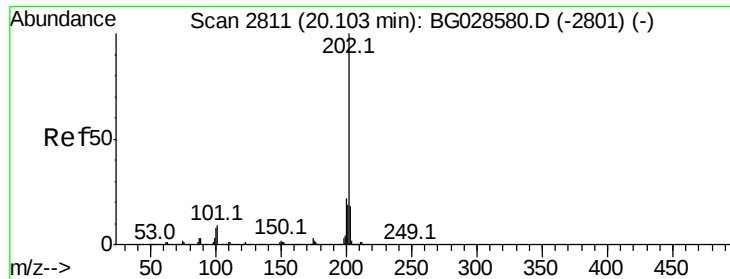
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.7	9.0	13.4



#74
Fluoranthene
Concen: 1.939 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BG028588.D
Acq: 6 Sep 2017 18:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.6	6.2	9.2#
100	3.1	5.2	7.8#





#77

Pvrene

Concen: 1.746 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028588.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_G

ClientSampled :

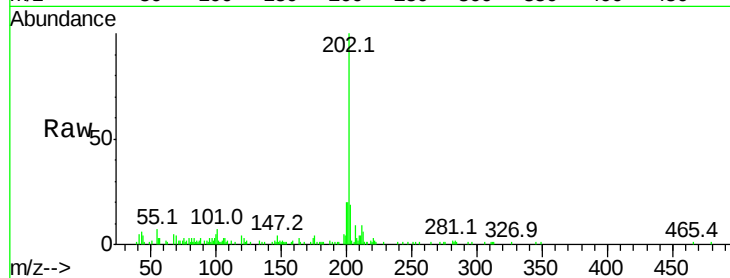
Tot Ion:202 Resp: 28786

Ion Ratio Lower Upper

202 100

101 8.9 6.9 10.3

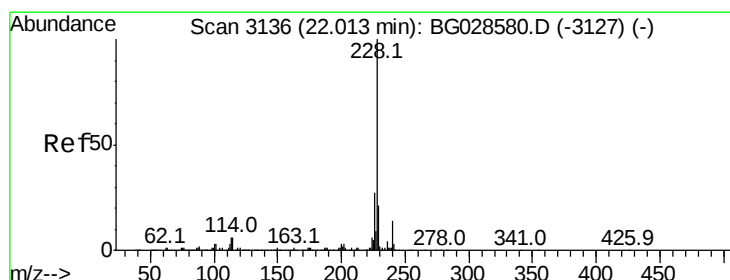
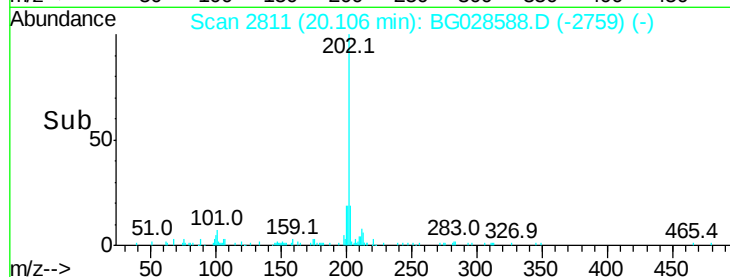
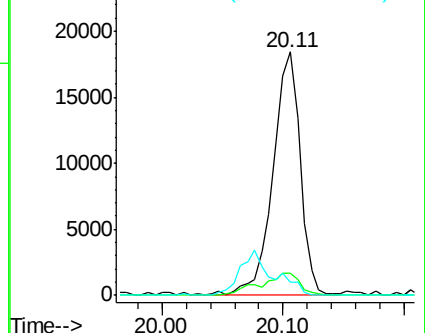
100 5.4 6.6 10.0#



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: 1.168 ng/ul

RT: 22.01 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG028588.D

Acq: 6 Sep 2017 18:46

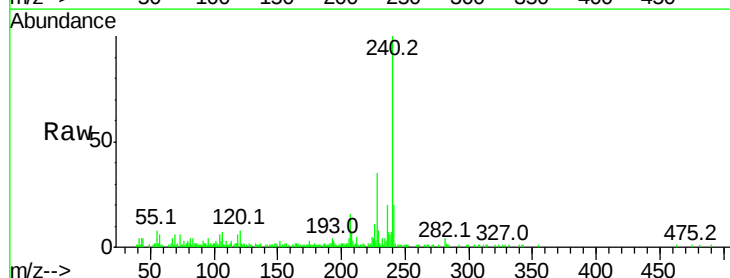
Tgt Ion:228 Resp: 18658

Ion Ratio Lower Upper

228 100

229 23.0 16.3 24.5

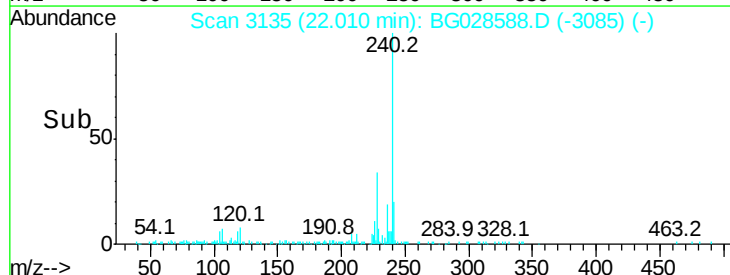
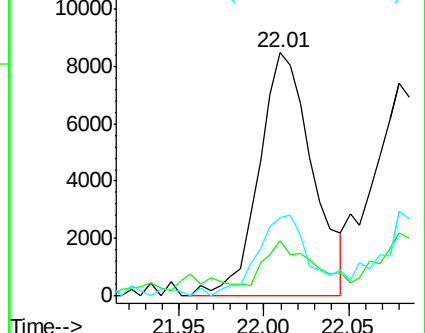
226 32.3 21.9 32.9

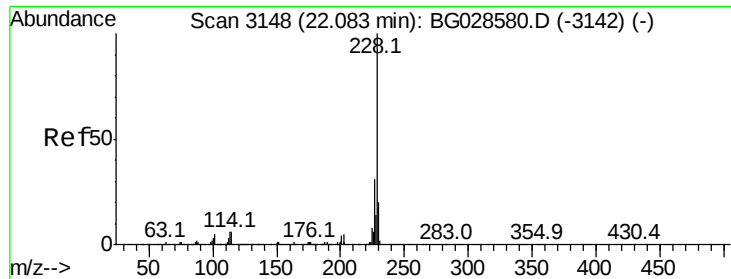


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.297 ng/ul

RT: 22.01 min Scan# 3135

Delta R.T. -0.07 min

Lab File: BG028588.D

Acq: 6 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

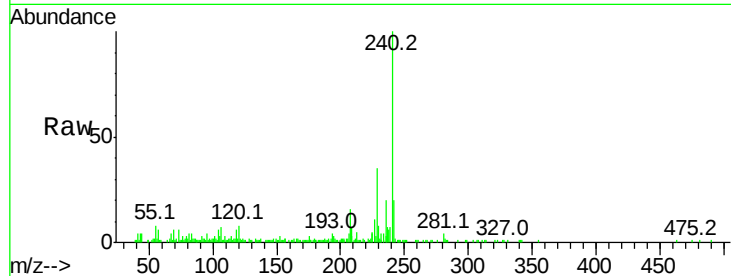
Tot Ion:228 Resp: 18658

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

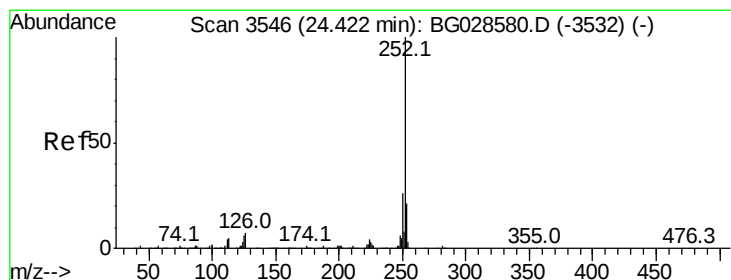
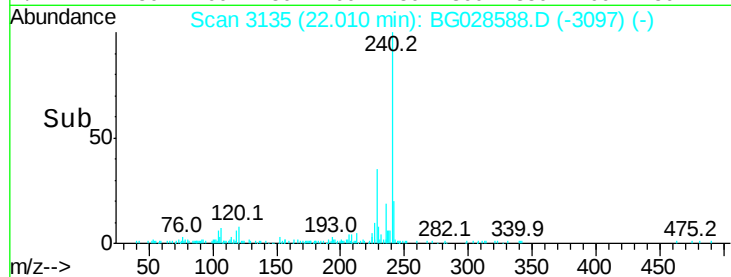
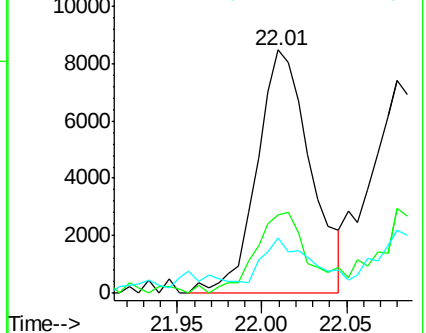
229 23.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.463 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG028588.D

Acq: 6 Sep 2017 18:46

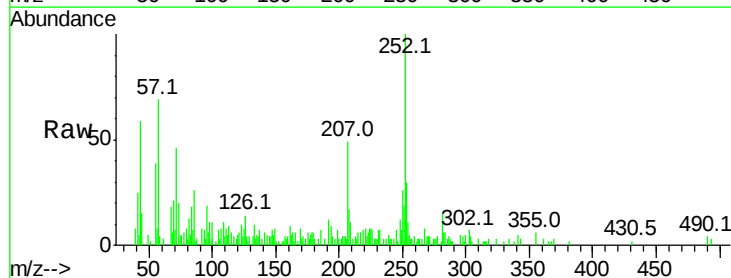
Tgt Ion:252 Resp: 23640

Ion Ratio Lower Upper

252 100

253 29.9 17.7 26.5#

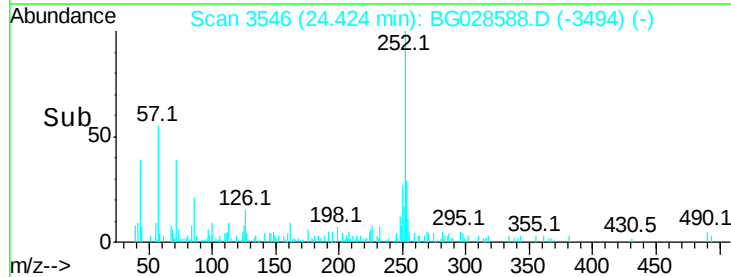
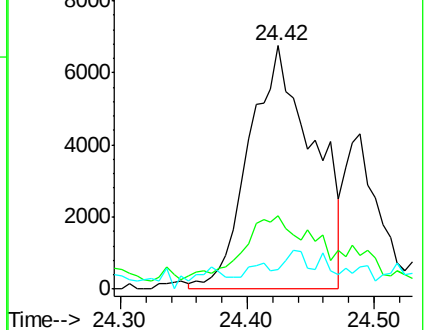
125 7.8 4.0 6.0#

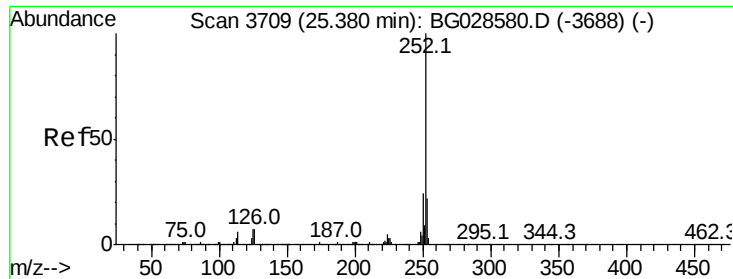


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.212 ng/ul

RT: 25.38 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG028588.D

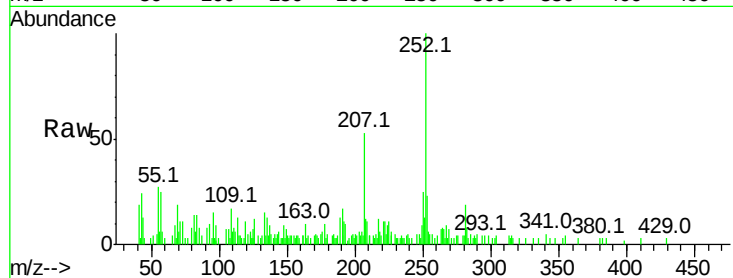
Acq: 6 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	18965
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	7.5	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

