

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017398.D
 Acq On : 2 Jun 2015 17:02
 Operator : TP/IZ
 Sample : G2430-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE9

Quant Time: Jun 03 03:47:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 03 03:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	111460	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	70034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	145905	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	158032	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	155208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	1615	3.00	ng/uL	0.01
5) Phenol-d5	6.84	99	42740	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	24554	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	36557	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	35340	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	18340	21.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	22578	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	38428	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	36094	17.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	112714	22.57	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	136116	21.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	15781	16.57	ng/ul	0.00
57) Fluorene-d10	15.30	176	110974	23.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	18378	18.00	ng/ul	0.00
70) Anthracene-d10	17.15	188	163197	23.87	ng/ul	0.00
76) Pyrene-d10	19.45	212	188109	24.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	167761	24.21	ng/ul	0.00

Target Compounds

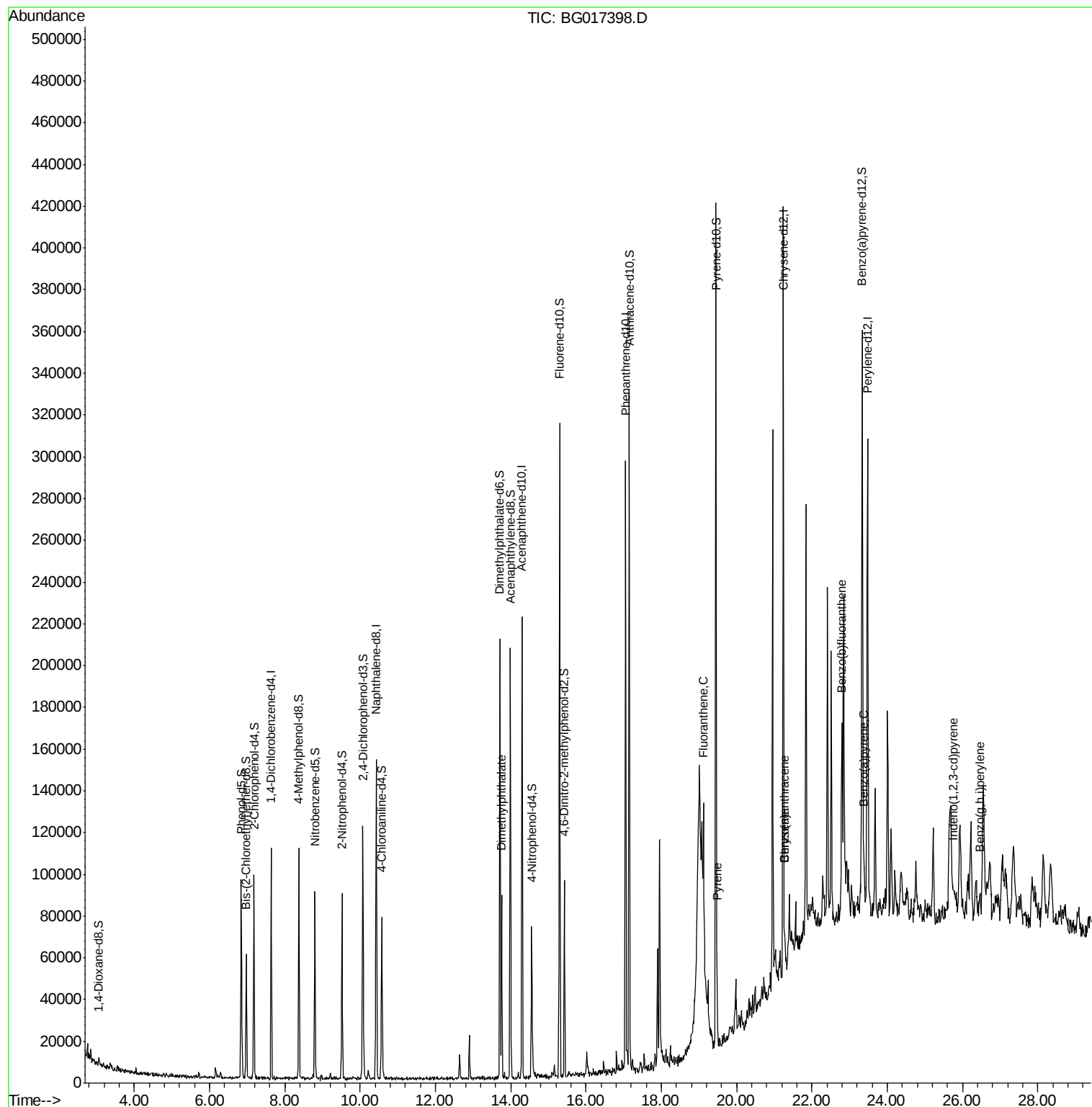
						Qvalue
44) Dimethylphthalate	13.76	163	46613	8.41	ng/ul	99
74) Fluoranthene	19.12	202	22157	2.37	ng/ul	99
77) Pyrene	19.48	202	22040	2.23	ng/ul	98
80) Benzo(a)anthracene	21.28	228	13612	1.45	ng/ul	98
82) Chrysene	21.28	228	13612	1.56	ng/ul	97
85) Benzo(b)fluoranthene	22.80	252	21351	2.28	ng/ul#	98
88) Benzo(a)pyrene	23.38	252	13149	1.49	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	11359	1.14	ng/ul#	90
91) Benzo(g,h,i)perylene	26.45	276	10509	1.26	ng/ul#	92

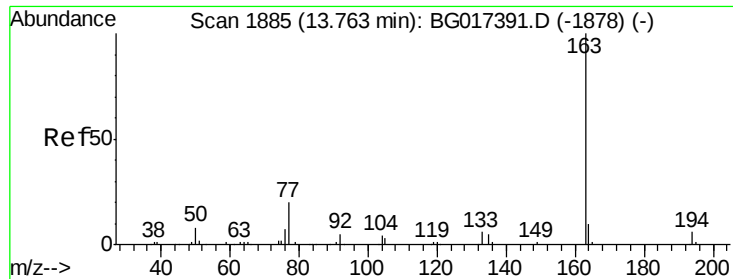
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 8.41 ng/ul

RT: 13.76 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

Instrument :

BNA_G

ClientSampleId :

BCRE9

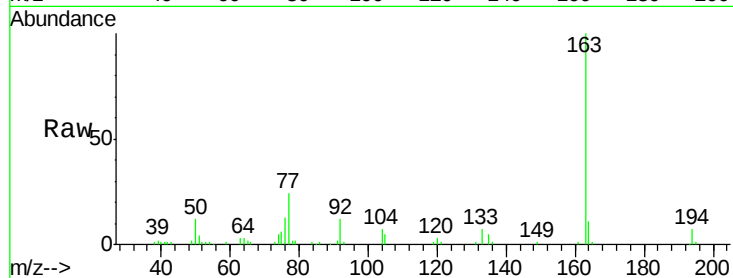
Tgt Ion:163 Resp: 46613

Ion Ratio Lower Upper

163 100

194 6.6 5.2 7.8

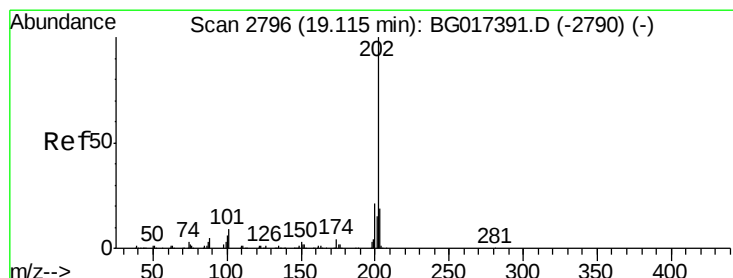
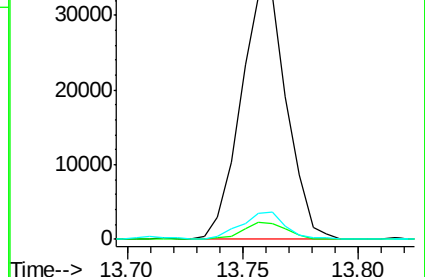
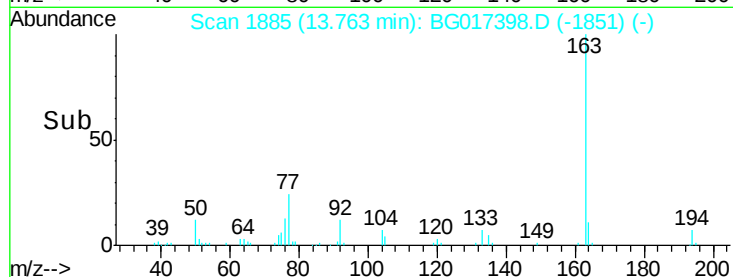
164 11.2 9.2 13.8



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



#74

Fluoranthene

Concen: 2.37 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

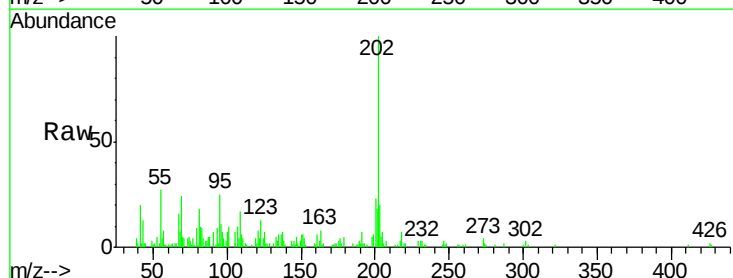
Tgt Ion:202 Resp: 22157

Ion Ratio Lower Upper

202 100

101 10.1 7.8 11.8

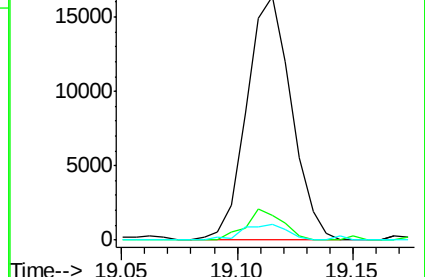
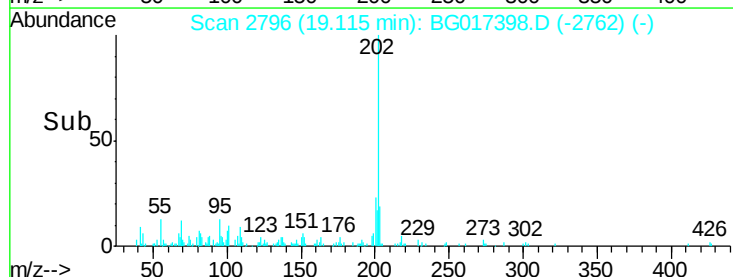
100 6.7 5.8 8.8

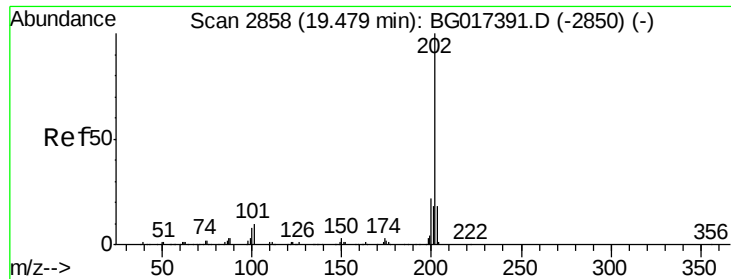


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.23 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

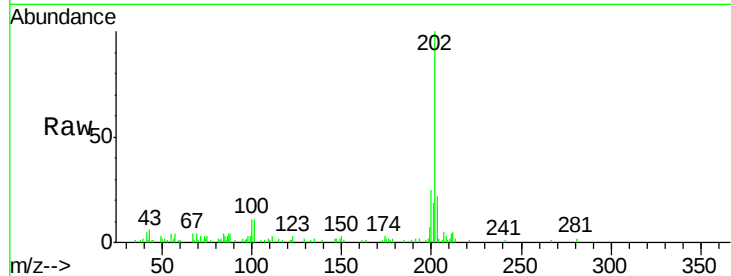
Instrument :

BNA_G

ClientSampleId :

BCRE9

Tgt Ion:	202	Resp:	22040
Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	12.8
100	10.6	7.4	11.2

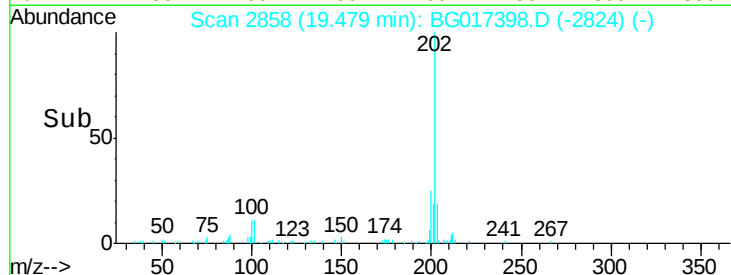


Abundance Ion 202.00 (201.70 to 202.70): E

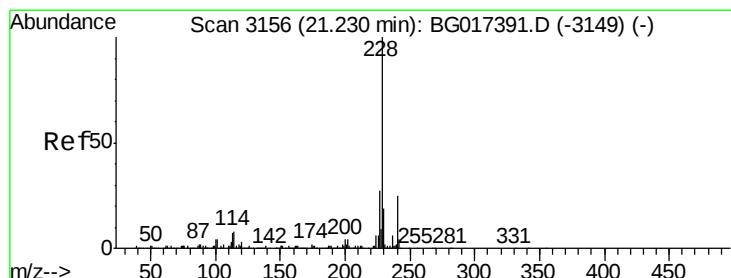
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 1.45 ng/ul

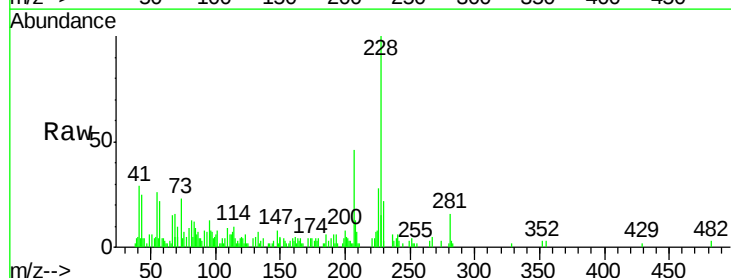
RT: 21.28 min Scan# 3164

Delta R.T. 0.05 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

Tgt Ion:	228	Resp:	13612
Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.2	24.4
226	28.2	22.2	33.2

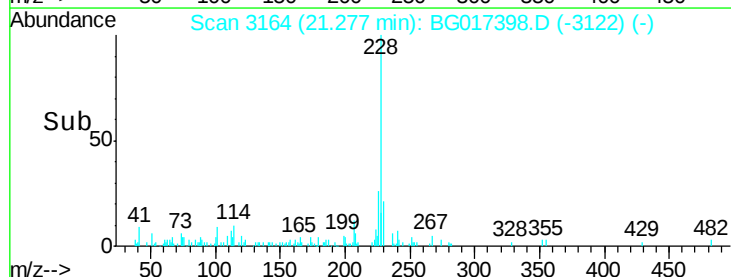


Abundance Ion 228.00 (227.70 to 228.70): E

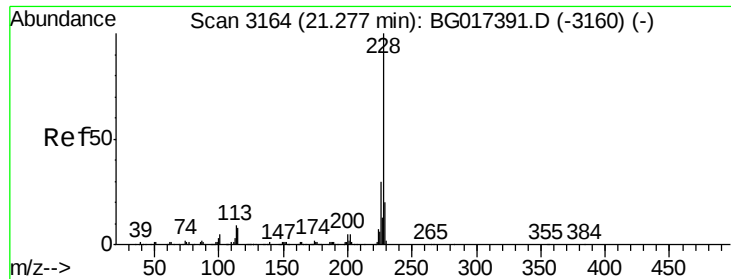
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#82

Chrysene

Concen: 1.56 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

Instrument :

BNA_G

ClientSampleId :

BCRE9

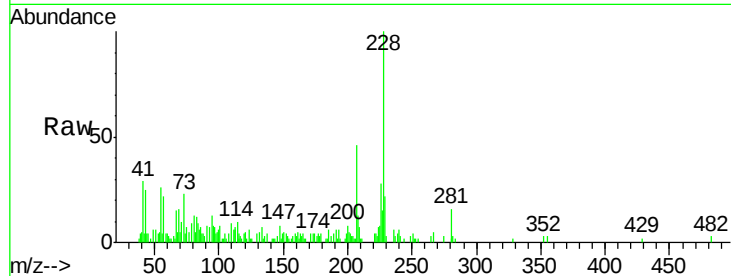
Tgt Ion:228 Resp: 13612

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

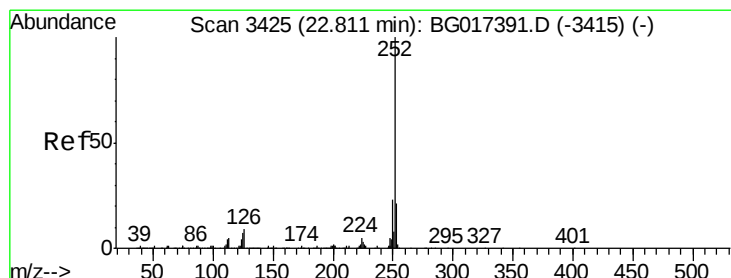
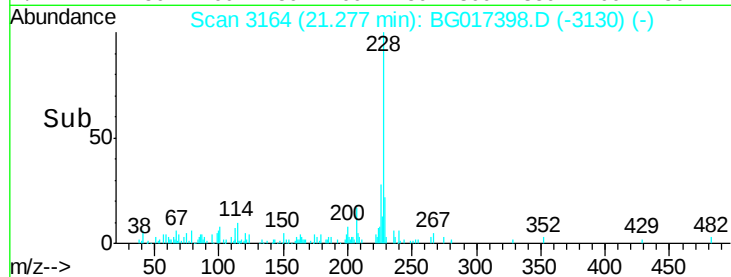
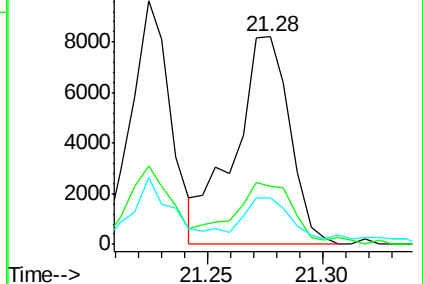
229 22.3 15.7 23.5



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: 2.28 ng/ul

RT: 22.80 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

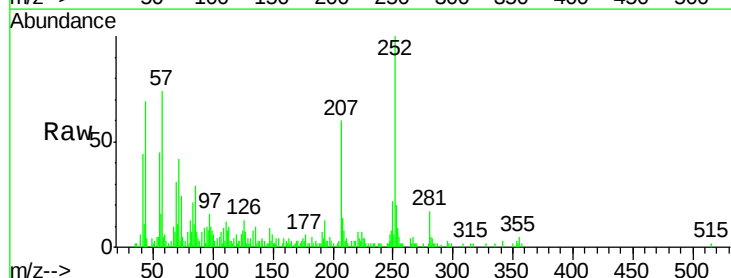
Tgt Ion:252 Resp: 21351

Ion Ratio Lower Upper

252 100

253 20.2 16.6 25.0

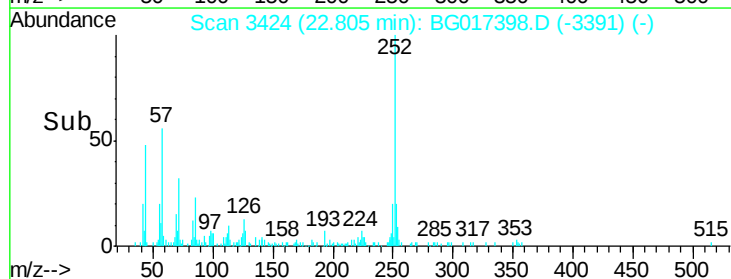
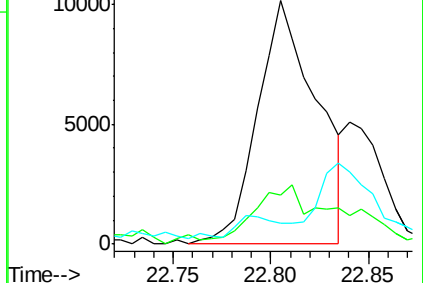
125 8.4 5.4 8.0#

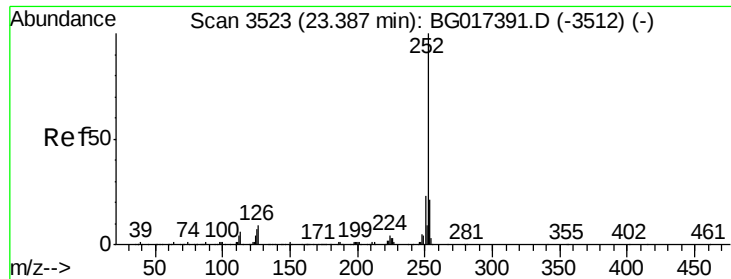


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.49 ng/ul

RT: 23.38 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

Instrument :

BNA_G

ClientSampleId :

BCRE9

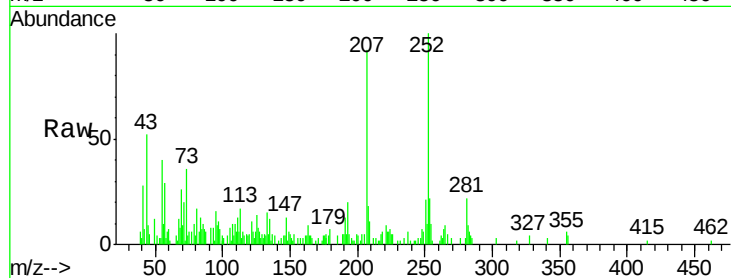
Tgt Ion:252 Resp: 13149

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

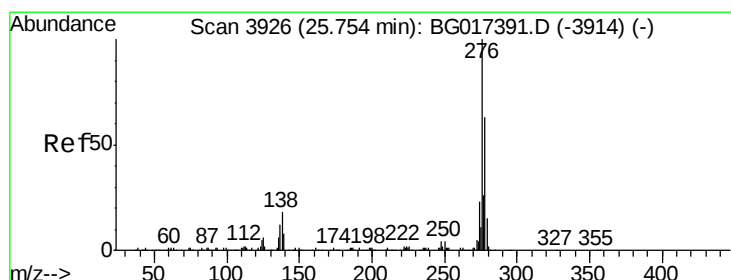
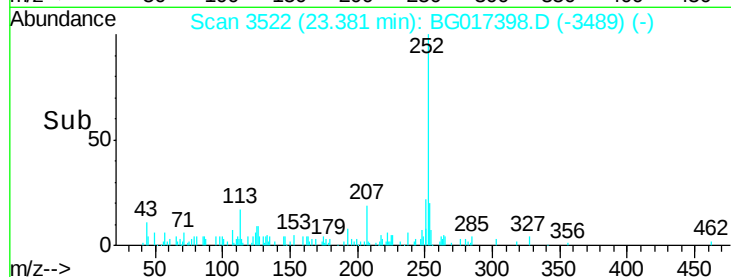
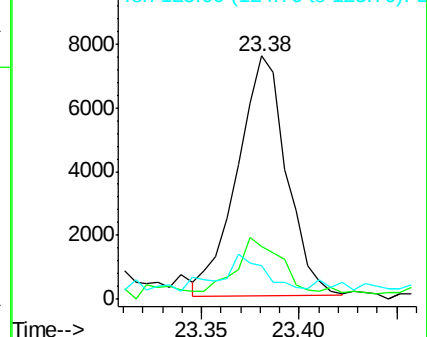
125 14.0 7.0 10.4#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.14 ng/ul

RT: 25.75 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

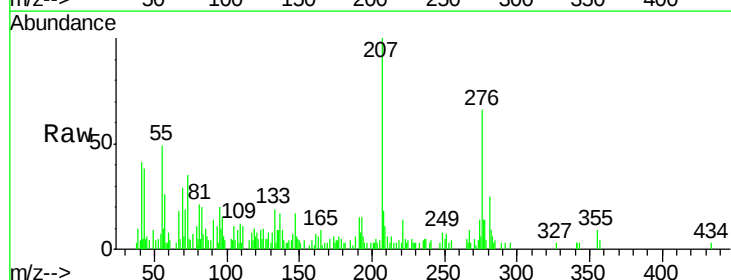
Tgt Ion:276 Resp: 11359

Ion Ratio Lower Upper

276 100

138 13.7 15.3 22.9#

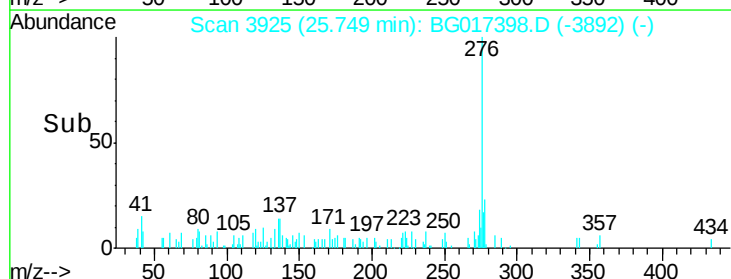
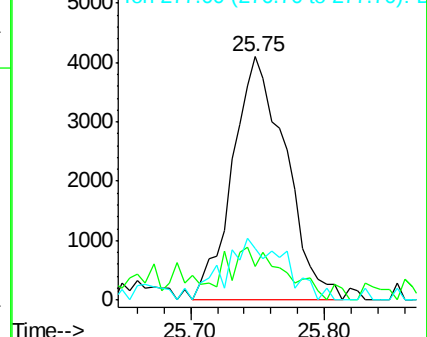
277 21.4 20.8 31.2

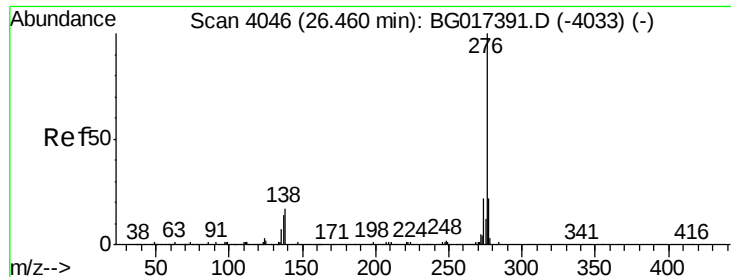


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.26 ng/ul

RT: 26.45 min Scan# 4044

Delta R.T. -0.01 min

Lab File: BG017398.D

Acq: 2 Jun 2015 17:02

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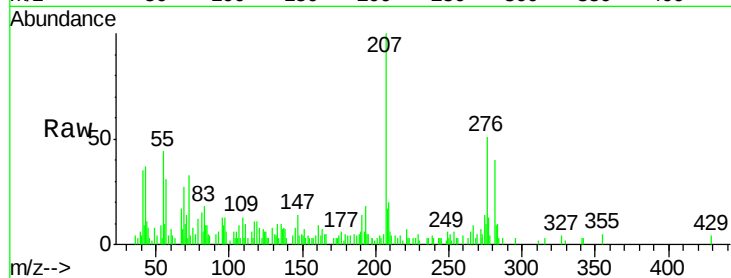
Tgt Ion: 276 Resp: 10509

Ion Ratio Lower Upper

276 100

138 13.4 15.1 22.7#

277 26.0 19.1 28.7



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

