

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\
 Data File : BG023510.D
 Acq On : 6 Aug 2016 5:48
 Operator : UM/SJ
 Sample : H4249-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 06 06:40:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 08:31:21 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	128730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	613344	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	451248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1091597	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1058156	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1077597	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	6402	2.11	ng/uL	0.00
5) Phenol-d5	7.27	99	309920	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	228123	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	226080	25.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	202025	19.96	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	125572	25.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	145818	26.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	246849	23.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	323260	26.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	939190	25.42	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1086608	26.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	147218	23.34	ng/ul	0.00
57) Fluorene-d10	15.78	176	889583	26.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	163840	23.39	ng/ul	0.00
70) Anthracene-d10	17.64	188	1347674	27.40	ng/ul	0.00
76) Pyrene-d10	19.93	212	1499138	27.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1387340	28.44	ng/ul	0.00

Target Compounds

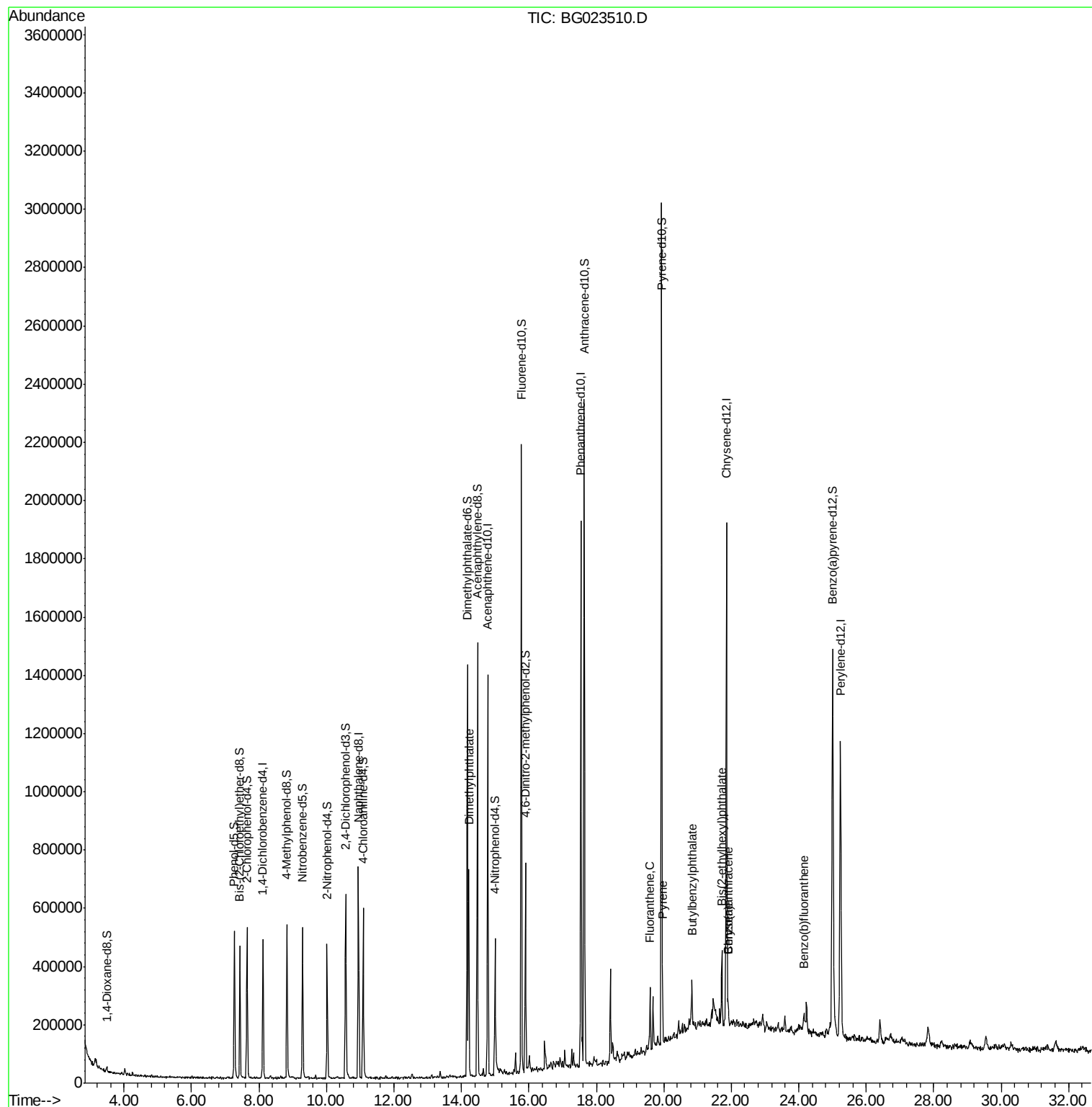
						Ovalue
44) Dimethylphthalate	14.22	163	449322	12.28	ng/ul	99
74) Fluoranthene	19.60	202	133774	2.31	ng/ul#	87
77) Pyrene	19.96	202	121925	1.86	ng/ul#	91
78) Butylbenzylphthalate	20.83	149	45397	1.81	ng/ul	87
80) Benzo(a)anthracene	21.90	228	61675	1.03	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.71	149	97997	2.94	ng/ul	97
82) Chrysene	21.90	228	61675	1.14	ng/ul	95
85) Benzo(b)fluoranthene	24.16	252	88620	1.45	ng/ul#	90

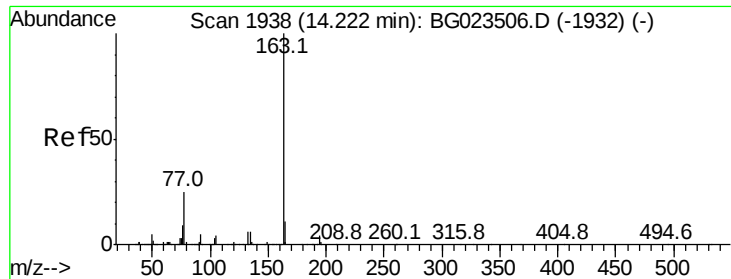
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 12.28 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Instrument :

BNA_G

ClientSampleId :

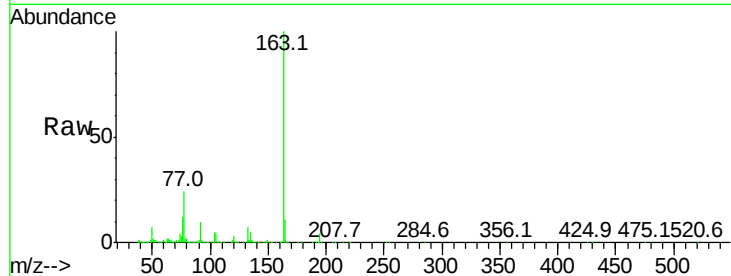
Tot Ion:163 Resp: 449322

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

164 10.8 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

14.22

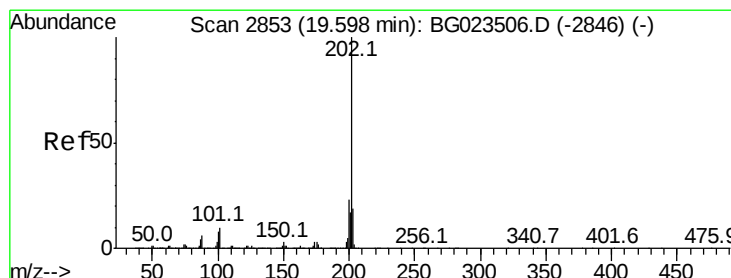
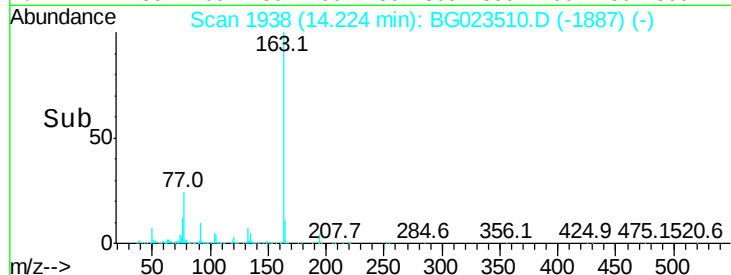
300000

200000

100000

0

Time--> 14.15 14.20 14.25 14.30



#74

Fluoranthene

Concen: 2.31 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

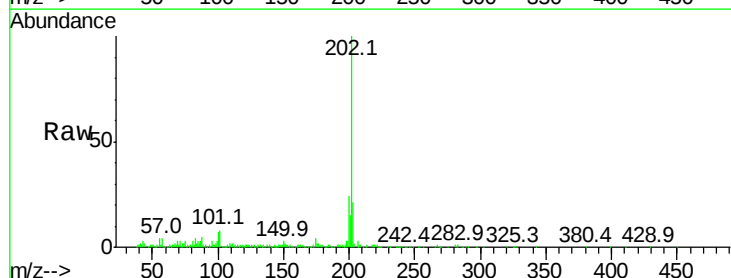
Tgt Ion:202 Resp: 133774

Ion Ratio Lower Upper

202 100

101 7.6 10.6 16.0#

100 6.6 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

19.60

120000

100000

80000

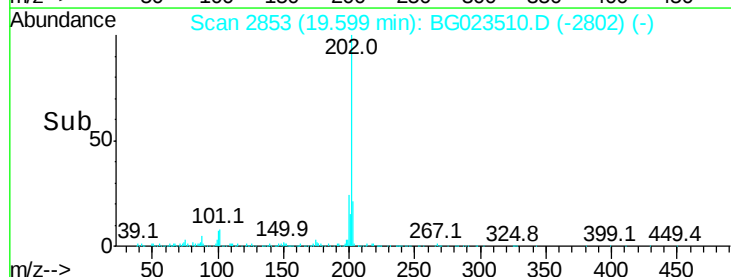
60000

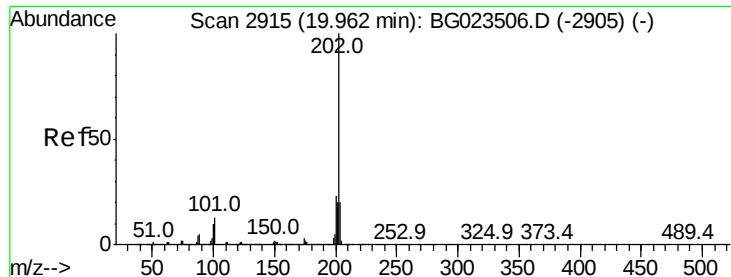
40000

20000

0

Time--> 19.55 19.60 19.65





#77

Pvrene

Concen: 1.86 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Instrument :

BNA_G

ClientSampleId :

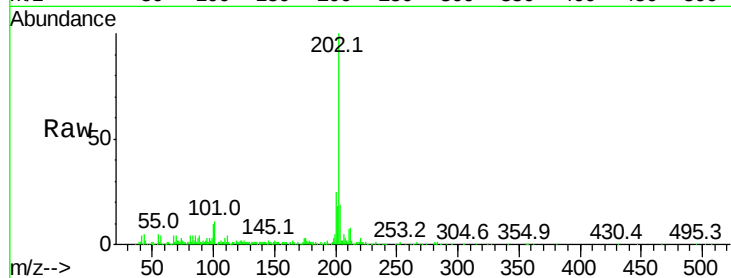
Tot Ion:202 Resp: 121925

Ion Ratio Lower Upper

202 100

101 11.3 12.5 18.7#

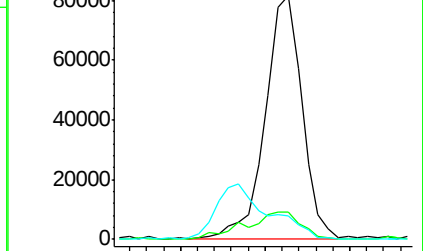
100 9.8 10.2 15.4#



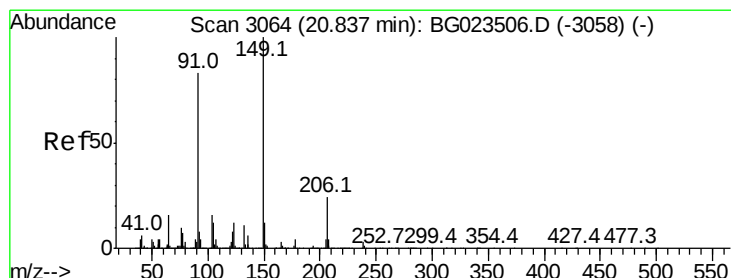
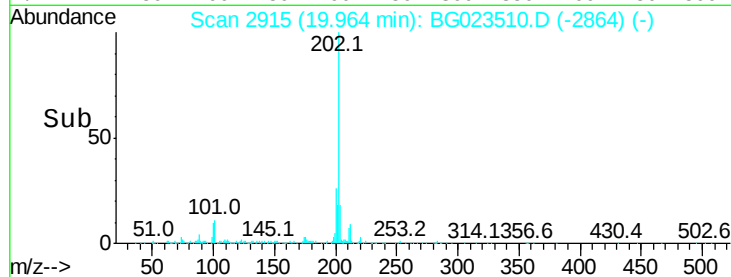
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#78

Butylbenzylphthalate

Concen: 1.81 ng/ul

RT: 20.83 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

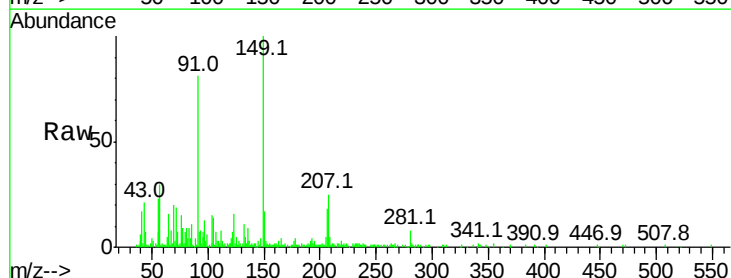
Tgt Ion:149 Resp: 45397

Ion Ratio Lower Upper

149 100

91 81.0 54.2 81.4

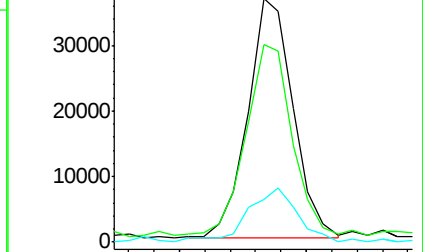
206 17.7 14.1 21.1



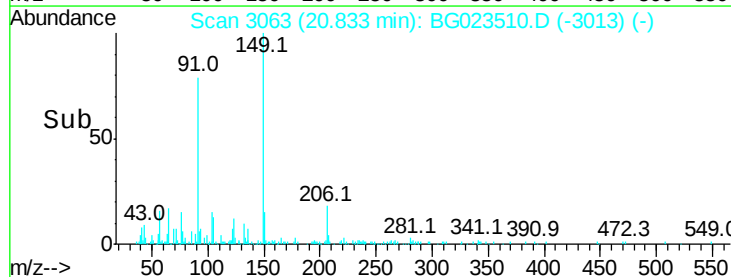
Abundance Ion 149.00 (148.70 to 149.70): E

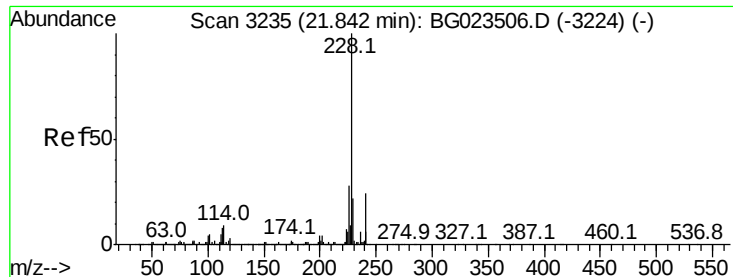
Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 1.03 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. 0.06 min

Lab File: BG023510.D

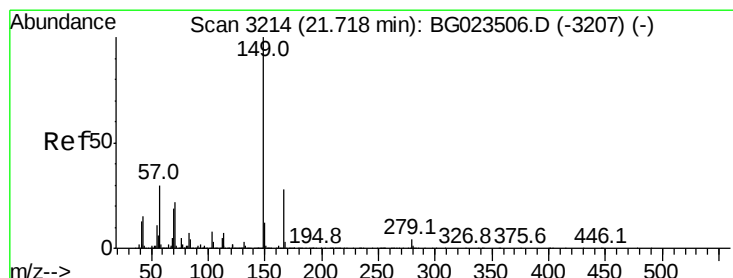
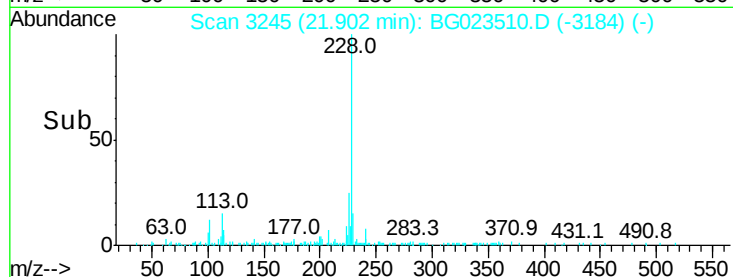
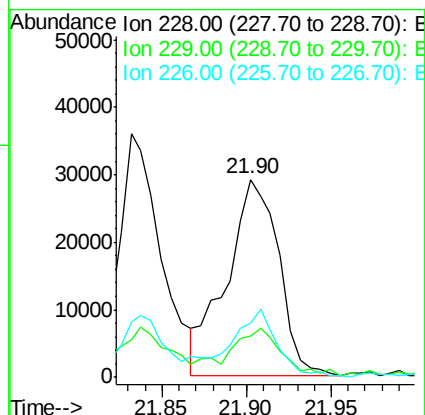
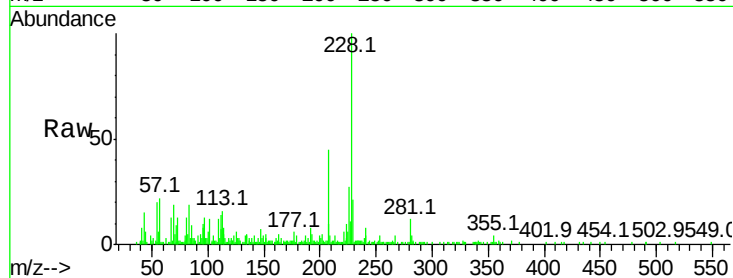
Acq: 6 Aug 2016 5:48

Instrument :

BNA_G

ClientSampled :

Tot	Ion:228	Resp:	61675
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.2
226	27.2	22.8	34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.94 ng/ul

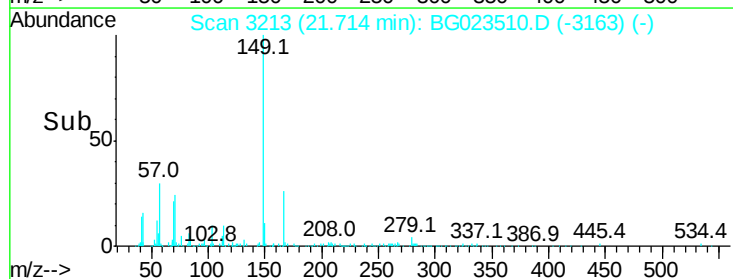
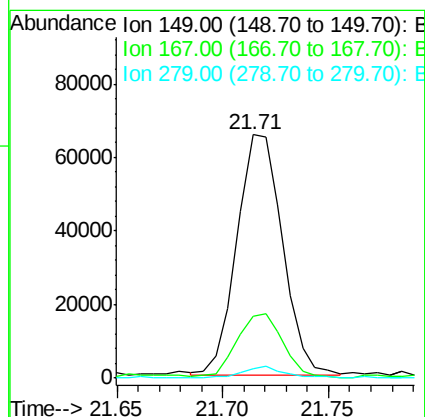
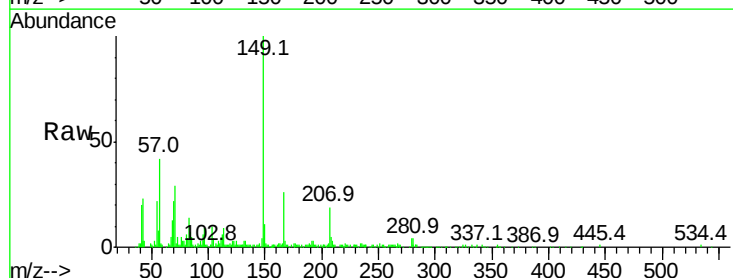
RT: 21.71 min Scan# 3213

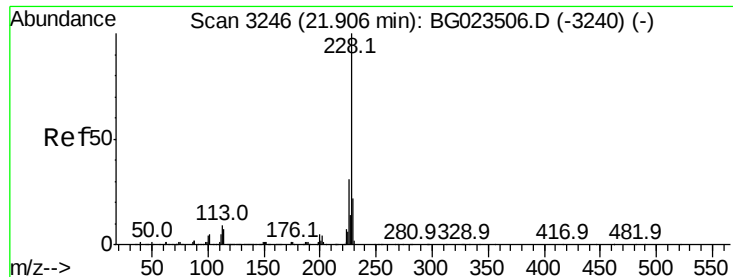
Delta R.T. -0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Tgt Ion:149	Resp:	97997	
Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.9	32.9
279	4.0	2.9	4.3





#82

Chrysene

Concen: 1.14 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. -0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Instrument :

BNA_G

ClientSampleId :

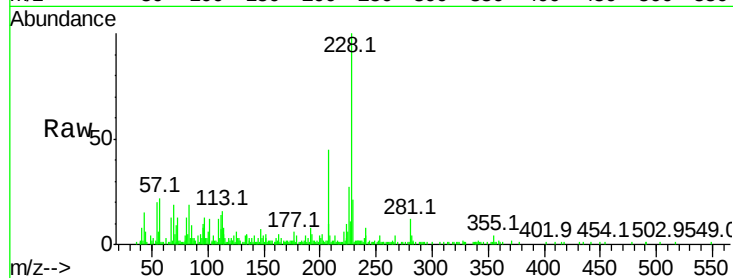
Tot Ion:228 Resp: 61675

Ion Ratio Lower Upper

228 100

226 27.2 24.2 36.4

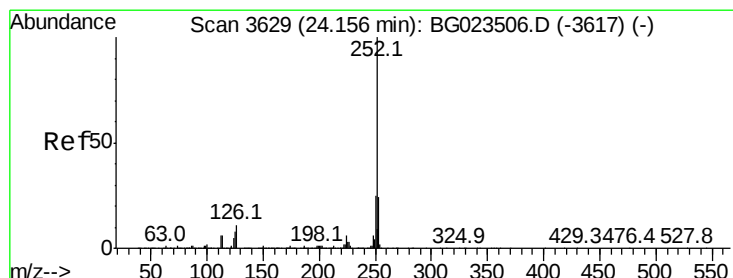
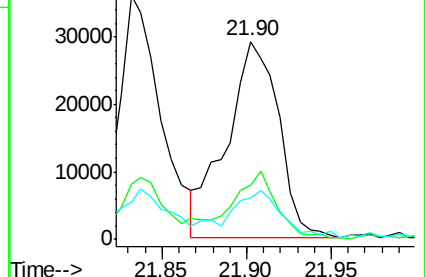
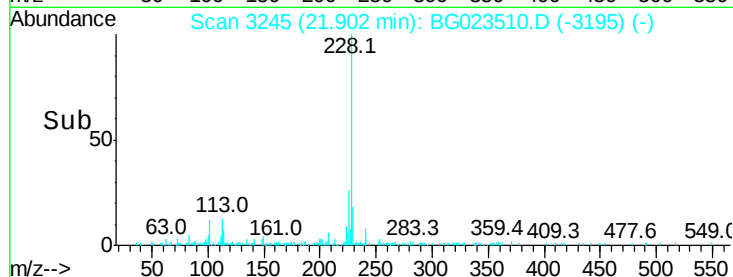
229 20.6 15.0 22.6



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: 1.45 ng/ul

RT: 24.16 min Scan# 3629

Delta R.T. 0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

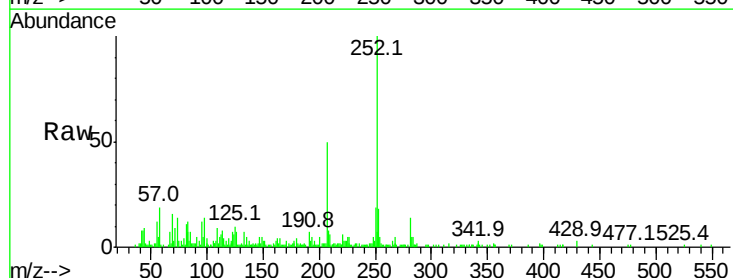
Tgt Ion:252 Resp: 88620

Ion Ratio Lower Upper

252 100

253 17.5 18.2 27.2#

125 10.5 10.8 16.2#



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

