

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023676.D
 Acq On : 13 Aug 2016 4:30
 Operator : UM/SJ
 Sample : H4360-19DL 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0002-01DL

Quant Time: Aug 13 06:37:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	94720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	434130	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	306127	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	733378	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	716955	20.00	ng/ul	-0.01
83) Perylene-d12	25.28	264	723664	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	196	0.09	ng/uL	0.00
5) Phenol-d5	7.28	99	5233	0.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	5580	0.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	4961	0.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	2259	0.30	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	1569	0.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	1407	0.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	87	0.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	1255	0.14	ng/ul	0.02
43) Dimethylphthalate-d6	14.19	166	20922	0.83	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	24134	0.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	116	0.03	ng/ul	-0.02
57) Fluorene-d10	15.79	176	21705	0.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	350	0.07	ng/ul	0.01
70) Anthracene-d10	17.65	188	31351	0.95	ng/ul	0.00
76) Pyrene-d10	19.94	212	33900	0.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	29209	0.89	ng/ul	-0.02

Target Compounds

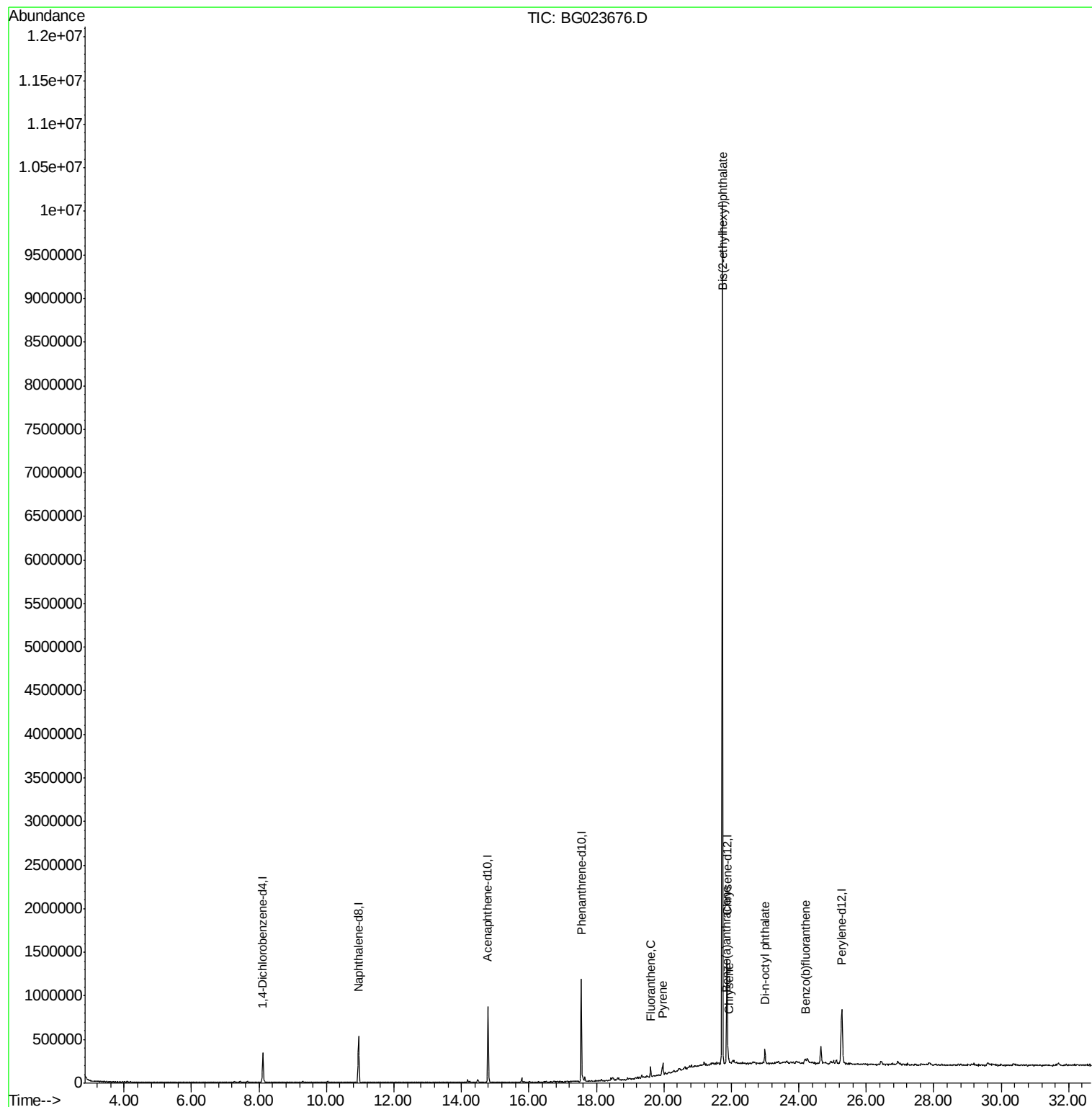
						Qvalue
74) Fluoranthene	19.61	202	73294	1.88	ng/ul#	90
77) Pyrene	19.97	202	85428	1.93	ng/ul#	88
80) Benzo(a)anthracene	21.85	228	44341	1.10	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	3297752	145.89	ng/ul#	72
82) Chrysene	21.92	228	48187	1.31	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	171235	4.68	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	46787	1.14	ng/ul#	91

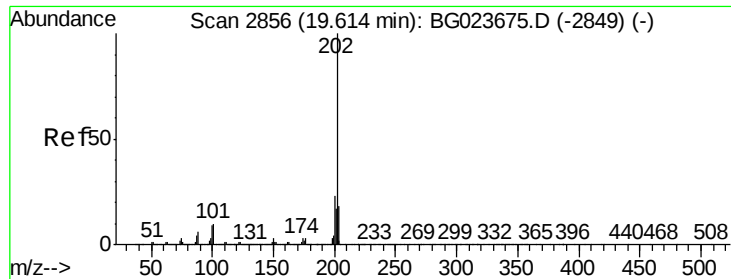
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#74

Fluoranthene

Concen: 1.88 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG023676.D

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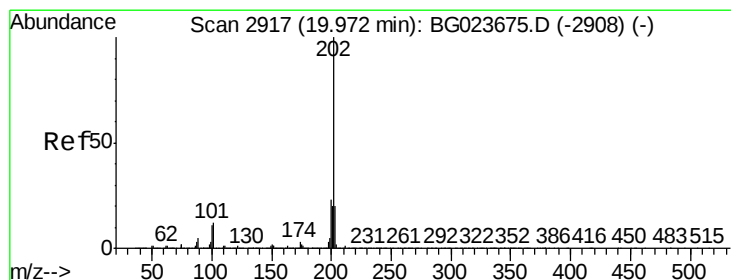
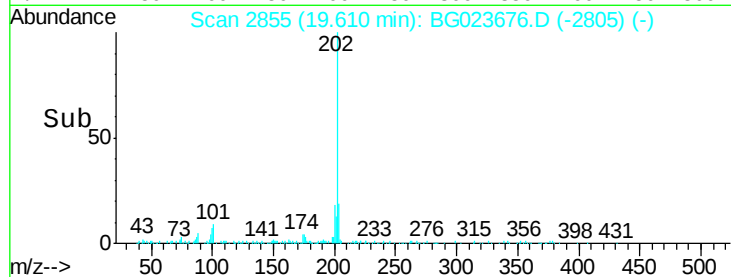
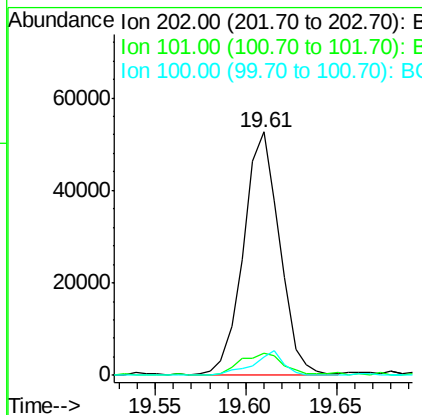
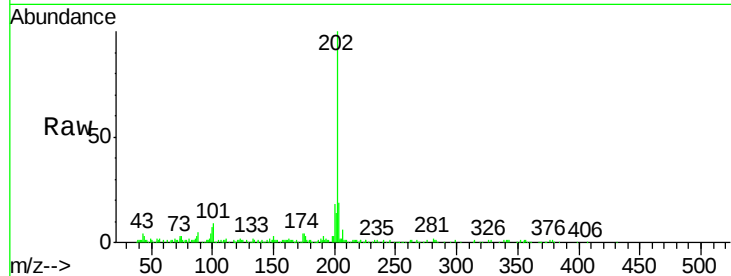
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0002-01DL

Tgt Ion:	202	Resp:	73294
Ion Ratio	Lower	Upper	
202	100		
101	9.4	10.6	16.0#
100	7.3	8.7	13.1#



#77

Pyrene

Concen: 1.93 ng/ul

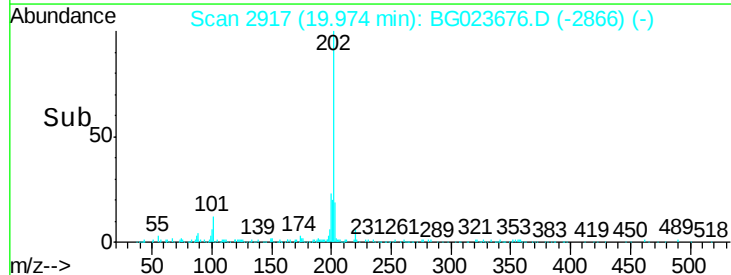
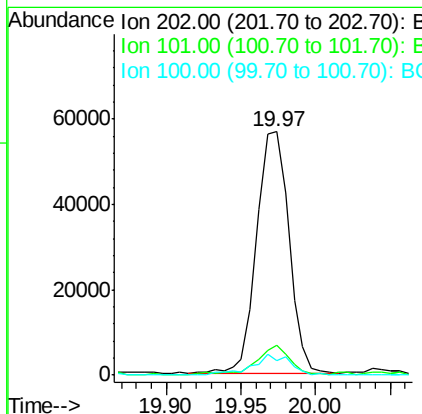
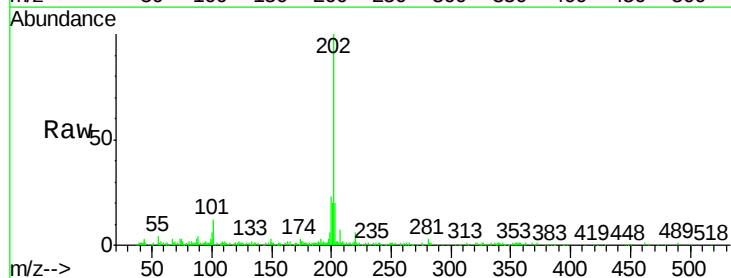
RT: 19.97 min Scan# 2917

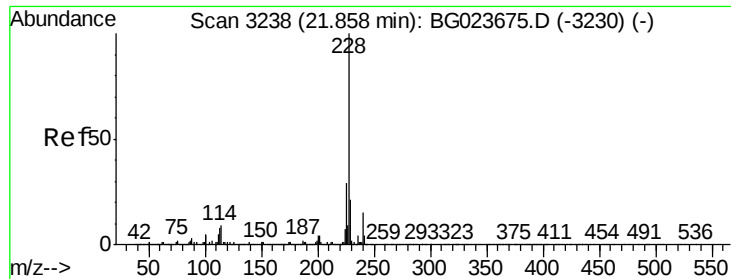
Delta R.T. 0.00 min

Lab File: BG023676.D

Acq: 13 Aug 2016 4:30

Tgt Ion:	202	Resp:	85428
Ion Ratio	Lower	Upper	
202	100		
101	12.1	12.5	18.7#
100	6.0	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 1.10 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023676.D

Acq: 13 Aug 2016 4:30

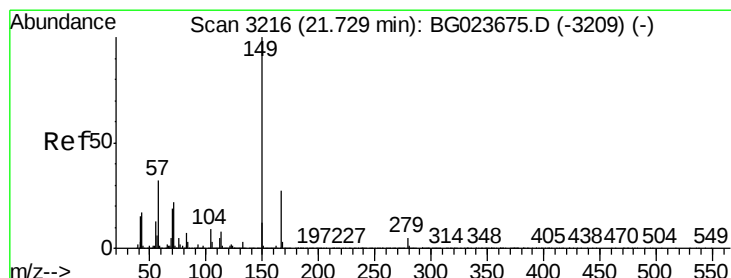
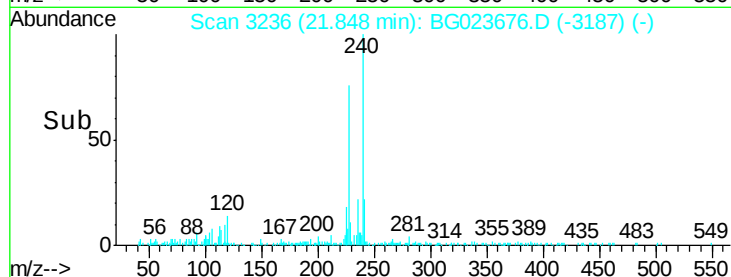
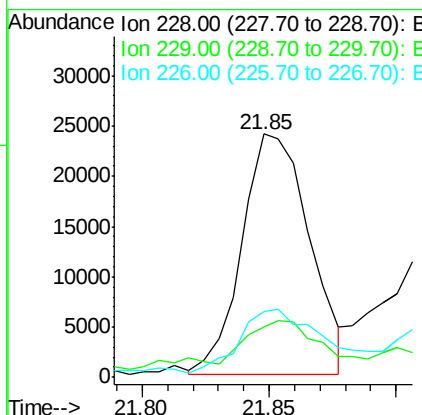
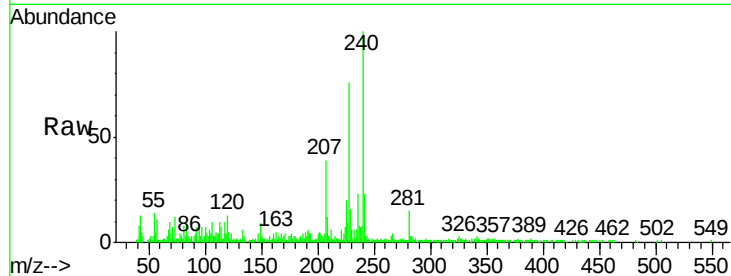
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0002-01DL

Tgt Ion:	228	Resp:	44341
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	26.9	22.8	34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 145.89 ng/ul

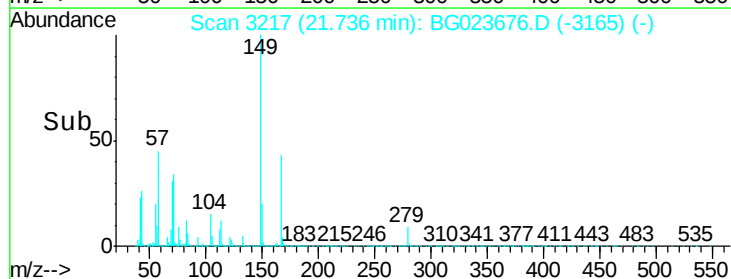
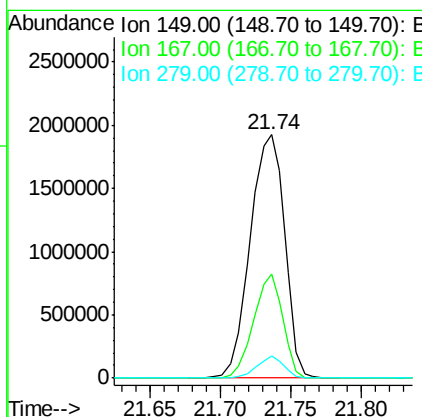
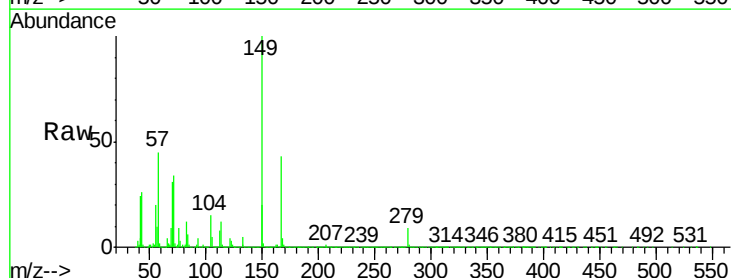
RT: 21.74 min Scan# 3217

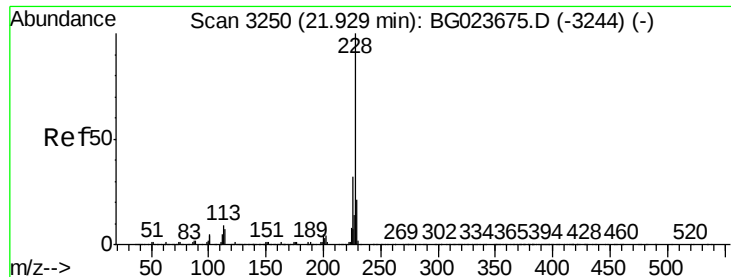
Delta R.T. 0.01 min

Lab File: BG023676.D

Acq: 13 Aug 2016 4:30

Tgt Ion:	149	Resp:	3297752
Ion	Ratio	Lower	Upper
149	100		
167	42.6	21.9	32.9#
279	8.9	2.9	4.3#





#82

Chrysene

Concen: 1.31 ng/ul

RT: 21.92 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG023676.D

Acq: 13 Aug 2016 4:30

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0002-01DL

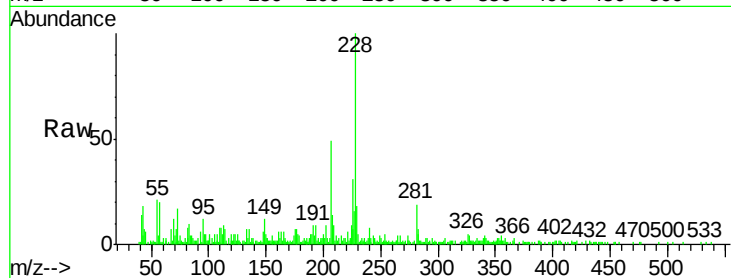
Tgt Ion:228 Resp: 48187

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

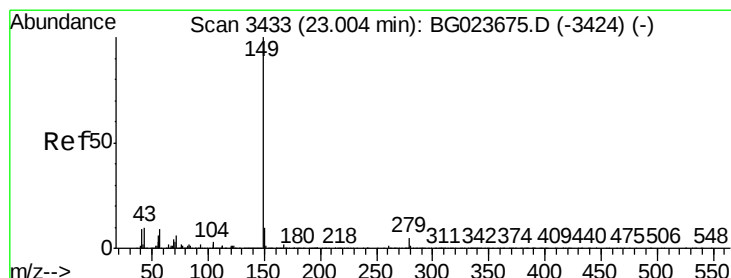
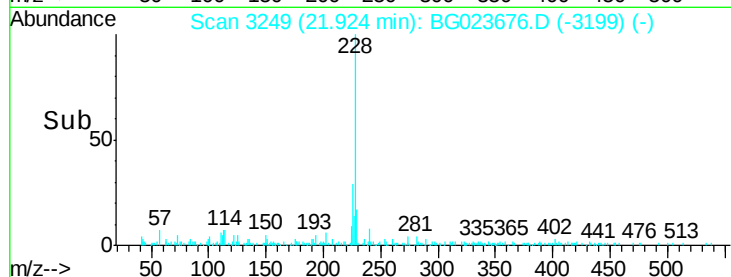
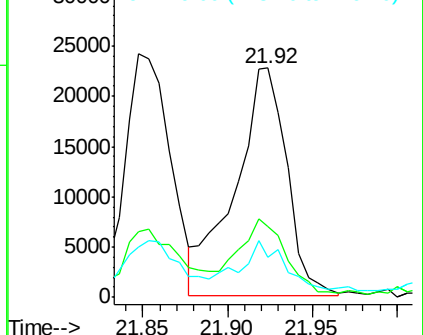
229 17.6 15.0 22.6



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



#84

Di-n-octyl phthalate

Concen: 4.68 ng/ul

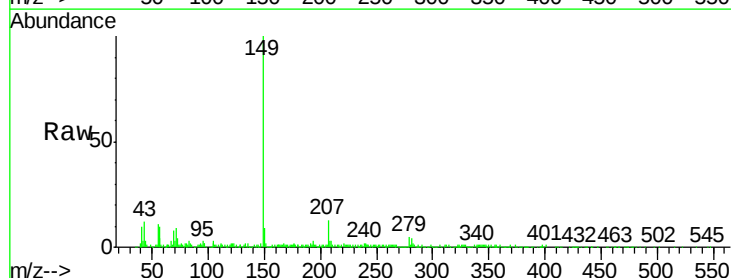
RT: 22.99 min Scan# 3431

Delta R.T. -0.01 min

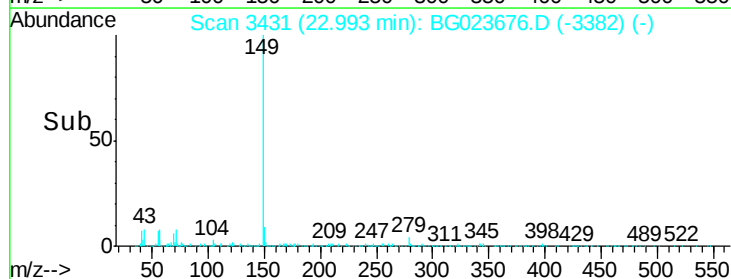
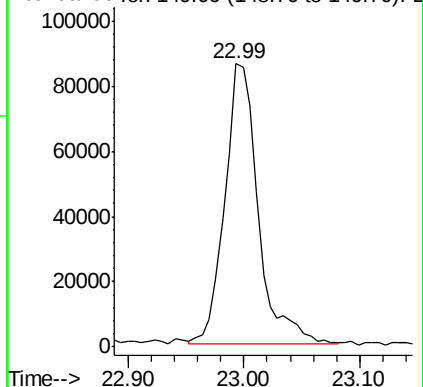
Lab File: BG023676.D

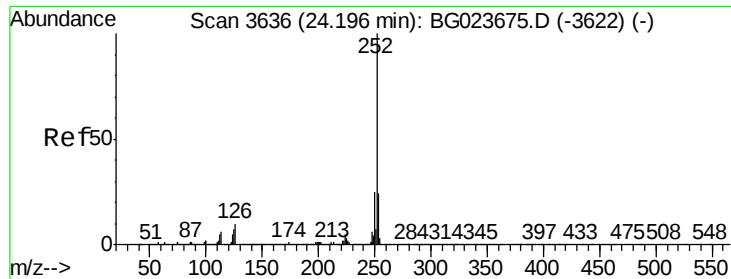
Acq: 13 Aug 2016 4:30

Tgt Ion:149 Resp: 171235



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 1.14 ng/ul

RT: 24.19 min Scan# 3634

Delta R.T. -0.01 min

Lab File: BG023676.D

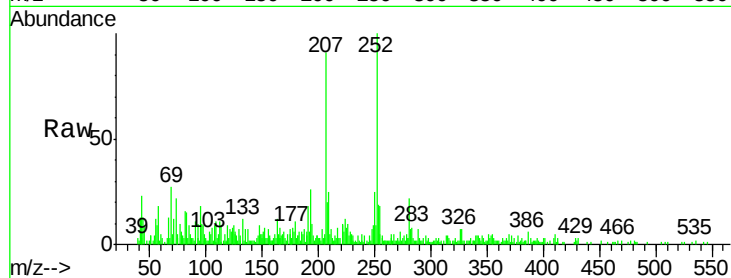
Acq: 13 Aug 2016 4:30

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0002-01DL



Tgt Ion:	252	Resp:	46787
Ion Ratio	Lower	Upper	
252	100		
253	19.1	18.2	27.2
125	8.8	10.8	16.2#

