

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023568.D
 Acq On : 9 Aug 2016 22:27
 Operator : UM/SJ
 Sample : H4362-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-20160801

Quant Time: Aug 10 05:04:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	161370	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.94	136	744619	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	563768	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1429953	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1950	20.00	ng/ul	0.09
83) Perylene-d12	25.27	264	1447306	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	628	0.17	ng/uL	-0.02
5) Phenol-d5	7.48	99	1093	0.07	ng/ul	0.19
7) Bis-(2-Chloroethyl)ether-d	7.43	67	245885	23.61	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	211806	19.10	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	159151	12.54	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	140628	23.96	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	169352	25.12	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	276428	21.74	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.10	131	16935	1.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	1098144	23.79	ng/ul	-0.01
46) Acenaphthylene-d8	14.47	160	1253250	24.12	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	38527	4.89	ng/ul	0.00
57) Fluorene-d10	15.78	176	1023453	24.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	207540	22.62	ng/ul	0.00
70) Anthracene-d10	17.65	188	1658616	25.75	ng/ul	0.00
76) Pyrene-d10	19.94	212	1872839	18973.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1724730	26.33	ng/ul	0.01

Target Compounds

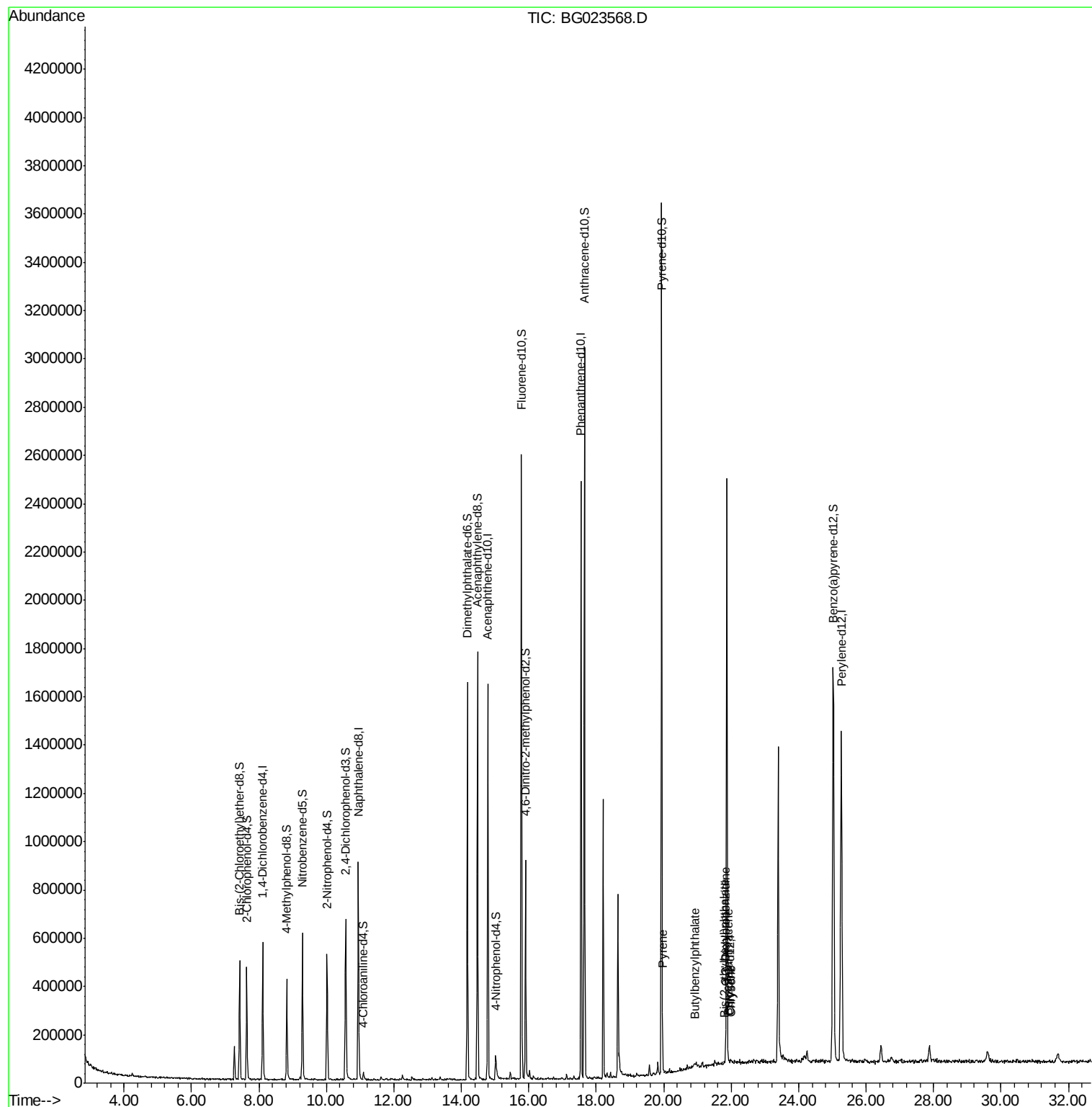
					Qvalue
77) Pyrene	19.97	202	888	7.37 ng/ul#	65
78) Butylbenzylphthalate	20.94	149	242	5.23 ng/ul#	54
79) 3,3'-Dichlorobenzidine	21.84	252	138	4.02 ng/ul#	35
80) Benzo(a)anthracene	21.92	228	657	5.98 ng/ul#	29
81) Bis(2-ethylhexyl)phthalate	21.81	149	484	7.87 ng/ul#	45
82) Chrysene	22.01	228	165	1.65 ng/ul#	50

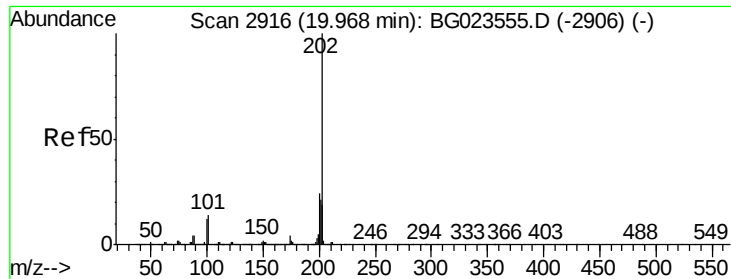
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Pyrene

Concen: 7.37 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG023568.D

Acq: 9 Aug 2016 22:27

Instrument :

BNA_G

ClientSampleId :

RB-20160801

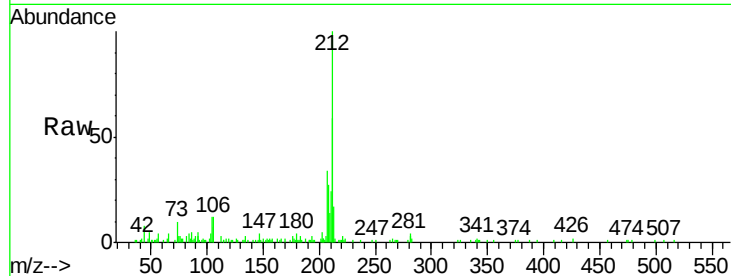
Tgt Ion:202 Resp: 888

Ion Ratio Lower Upper

202 100

101 0.0 12.5 18.7#

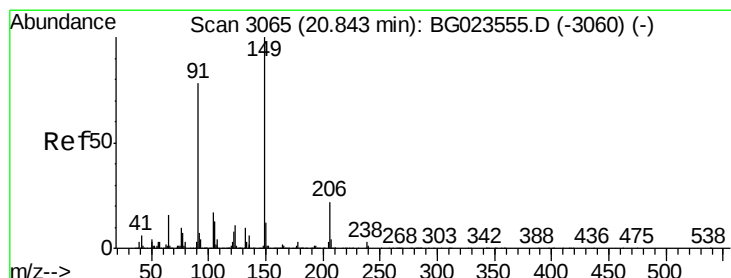
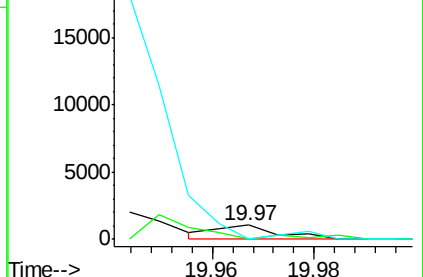
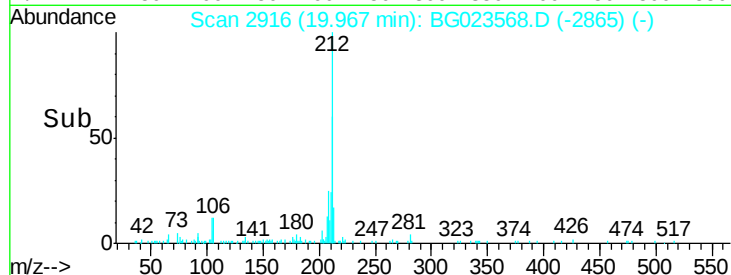
100 0.0 10.2 15.4#



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



#78

Butylbenzylphthalate

Concen: 5.23 ng/ul

RT: 20.94 min Scan# 3081

Delta R.T. 0.09 min

Lab File: BG023568.D

Acq: 9 Aug 2016 22:27

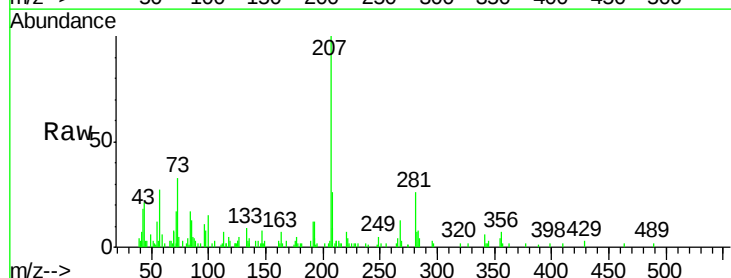
Tgt Ion:149 Resp: 242

Ion Ratio Lower Upper

149 100

91 75.4 54.2 81.4

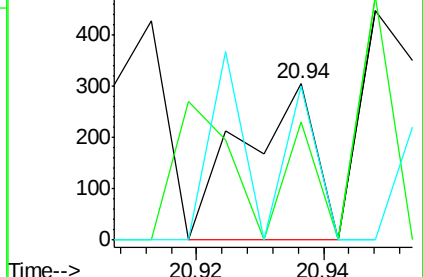
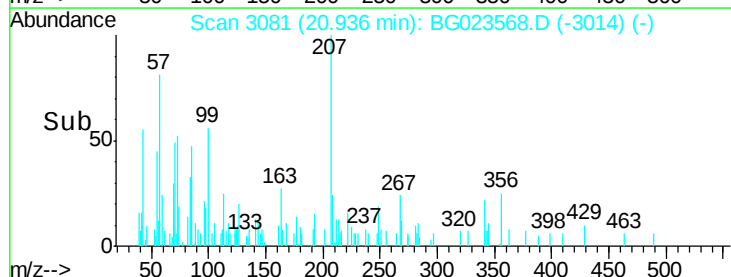
206 98.7 14.1 21.1#

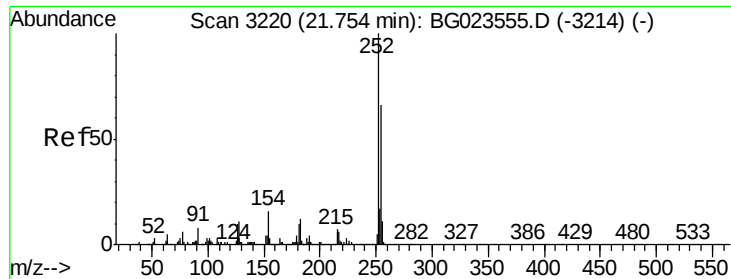


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

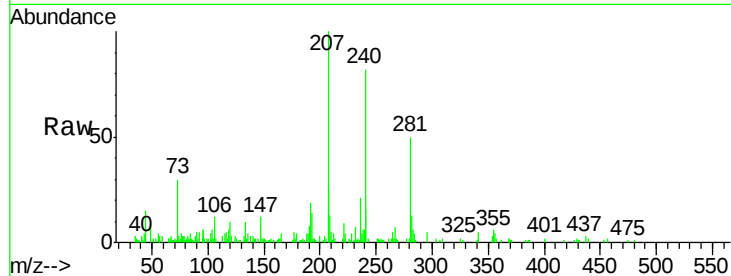




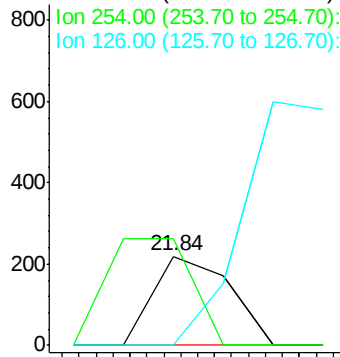
#79
 3,3'-Dichlorobenzidine
 Concen: 4.02 ng/ul
 RT: 21.84 min Scan# 3234
 Delta R.T. 0.08 min
 Lab File: BG023568.D
 Acq: 9 Aug 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 RB-20160801

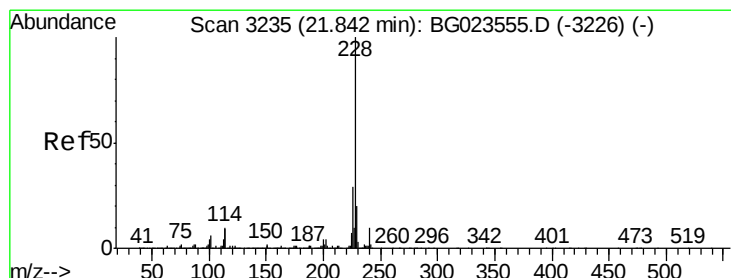
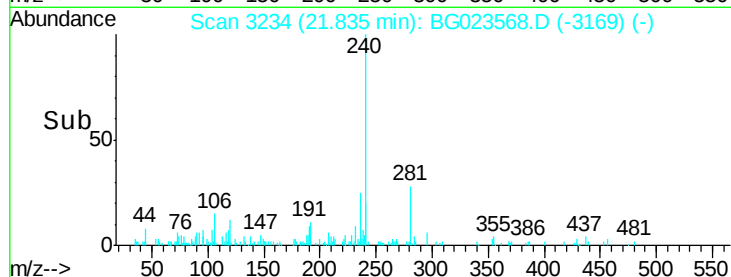
Tgt Ion	Ratio	Lower	Upper
252	100		
254	120.1	51.4	77.2#
126	0.0	10.7	16.1#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

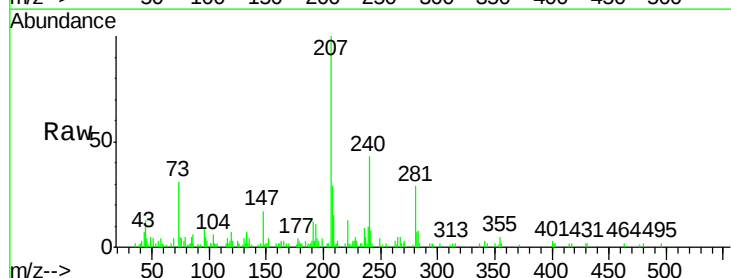


Time-->

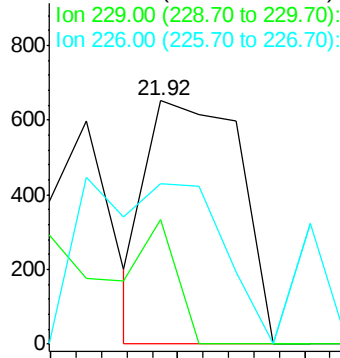


#80
 Benzo(a)anthracene
 Concen: 5.98 ng/ul
 RT: 21.92 min Scan# 3248
 Delta R.T. 0.08 min
 Lab File: BG023568.D
 Acq: 9 Aug 2016 22:27

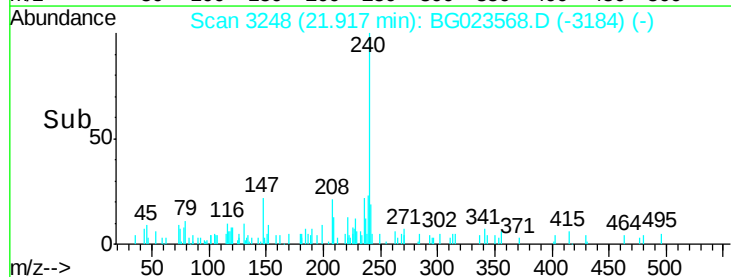
Tgt Ion	Ratio	Lower	Upper
228	100		
229	51.2	15.4	23.2#
226	66.1	22.8	34.2#

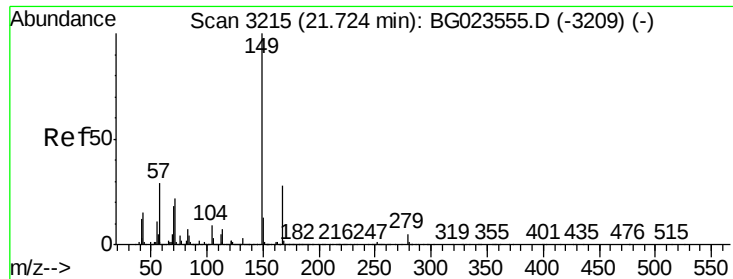


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E



Time-->

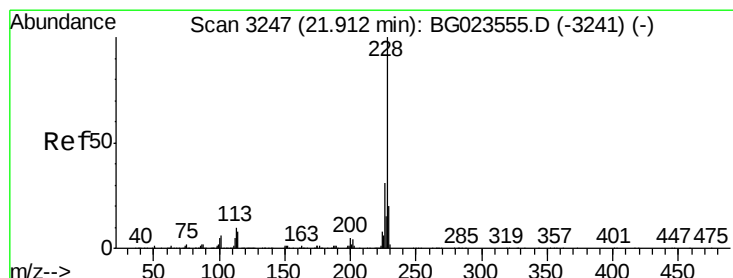
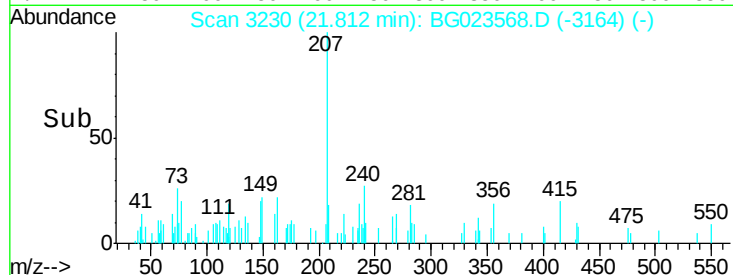
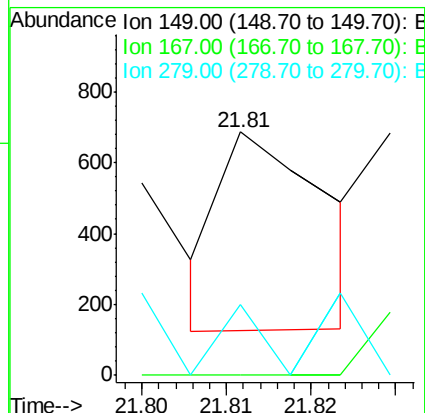
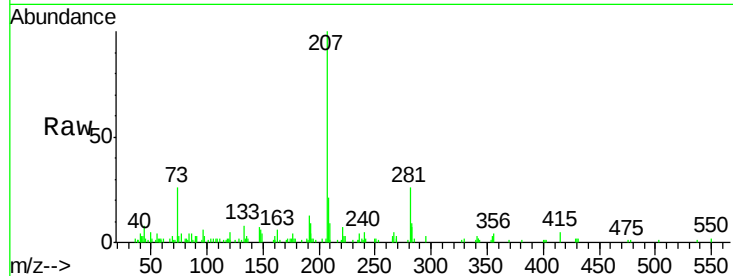




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 7.87 ng/ul
 RT: 21.81 min Scan# 3230
 Delta R.T. 0.09 min
 Lab File: BG023568.D
 Acq: 9 Aug 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 RB-20160801

Tgt Ion:149 Resp: 484
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 28.8 2.9 4.3#



#82
 Chrysene
 Concen: 1.65 ng/ul
 RT: 22.01 min Scan# 3263
 Delta R.T. 0.09 min
 Lab File: BG023568.D
 Acq: 9 Aug 2016 22:27

Tgt Ion:228 Resp: 165
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.2 36.4#
 229 0.0 15.0 22.6#

