

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023637.D
 Acq On : 12 Aug 2016 00:43
 Operator : UM/SJ
 Sample : H4360-20 4X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0206-01

Quant Time: Aug 12 04:37:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	155660	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.94	136	720504	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	484135	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1080212	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1067009	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1105373	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	949	0.26	ng/uL	0.00
5) Phenol-d5	7.27	99	36284	2.31	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35120	3.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	34221	3.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.84	113	21352	1.74	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	17587	3.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	22305	3.42	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	36749	2.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	23384	1.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	136165	3.44	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	163508	3.67	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.97	143	212	0.03	ng/ul	-0.04
57) Fluorene-d10	15.78	176	131282	3.58	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	10684	1.54	ng/ul	0.00
70) Anthracene-d10	17.65	188	190871	3.92	ng/ul	-0.01
76) Pyrene-d10	19.94	212	200682	3.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	183653	3.67	ng/ul	-0.01

Target Compounds

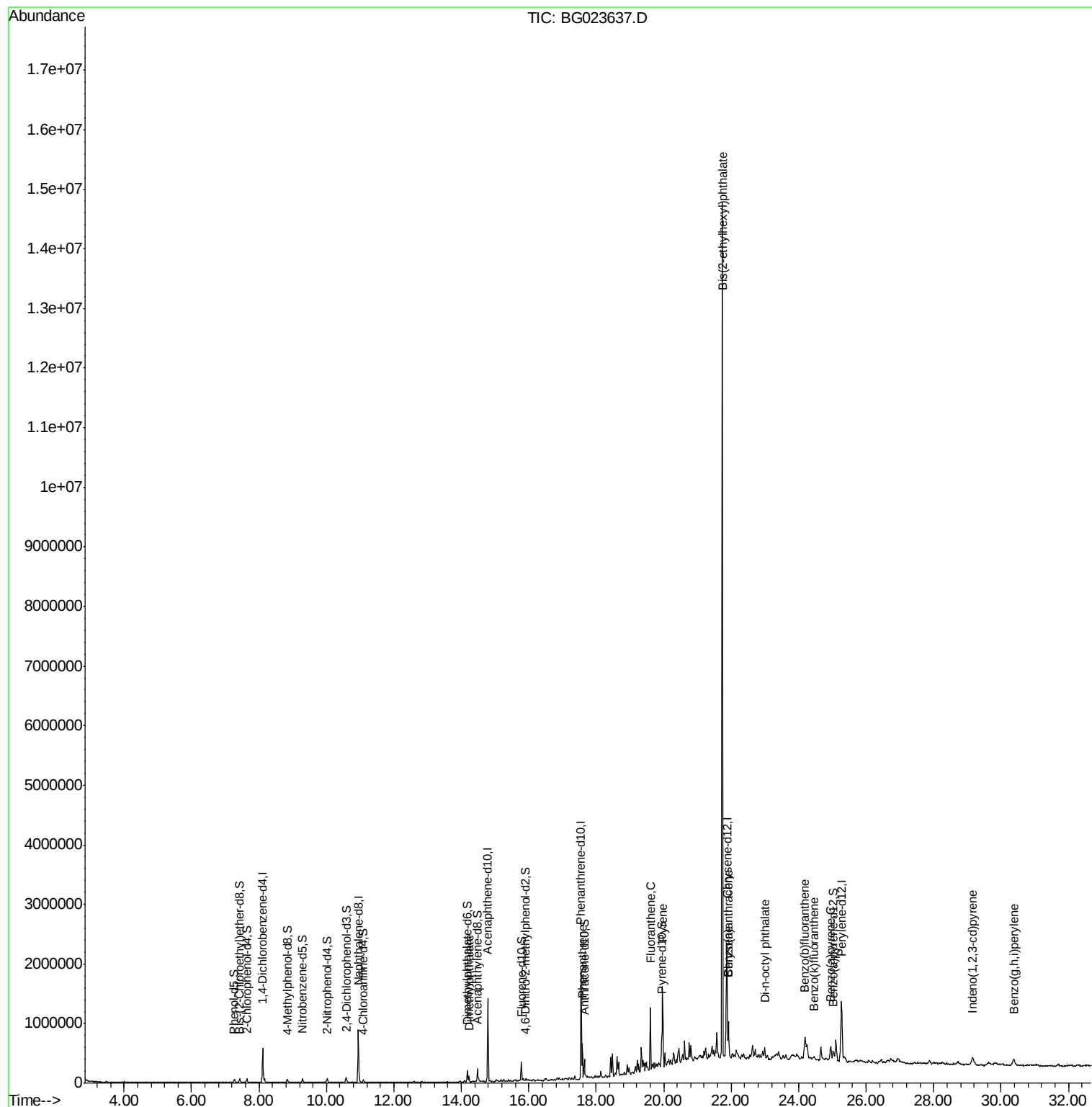
						Qvalue
44) Dimethylphthalate	14.23	163	62403	1.59	ng/ul	97
69) Phenanthrene	17.59	178	359119	6.42	ng/ul	98
74) Fluoranthene	19.60	202	609889	10.65	ng/ul#	90
77) Pyrene	19.97	202	785856	11.91	ng/ul#	92
80) Benzo(a)anthracene	21.92	228	450153	7.49	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.74	149	4148613	123.32	ng/ul#	52
82) Chrysene	21.92	228	450153	8.24	ng/ul#	93
84) Di-n-octyl phthalate	23.00	149	142753	2.56	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	428742	6.82	ng/ul#	94
86) Benzo(k)fluoranthene	24.46	252	79104	1.28	ng/ul	98
88) Benzo(a)pyrene	24.95	252	249776	4.11	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.15	276	230538	3.23	ng/ul	96
91) Benzo(g,h,i)perylene	30.38	276	219001	3.70	ng/ul#	84

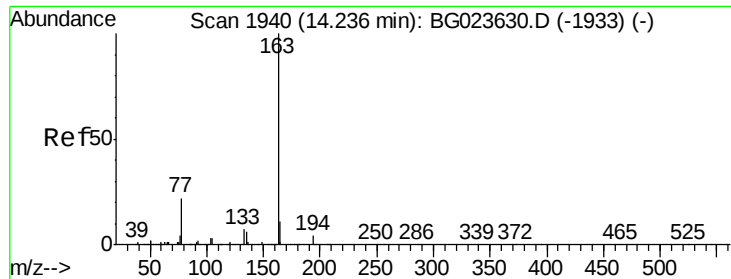
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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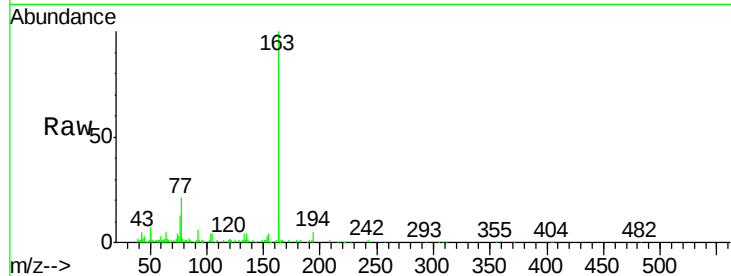




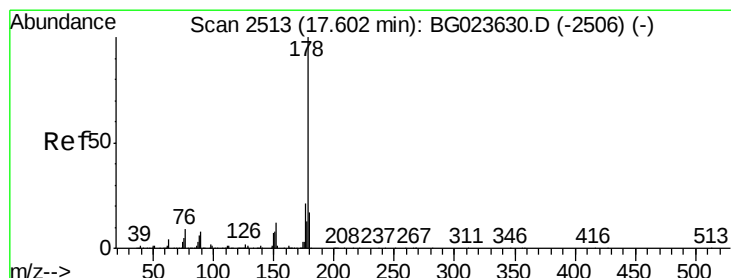
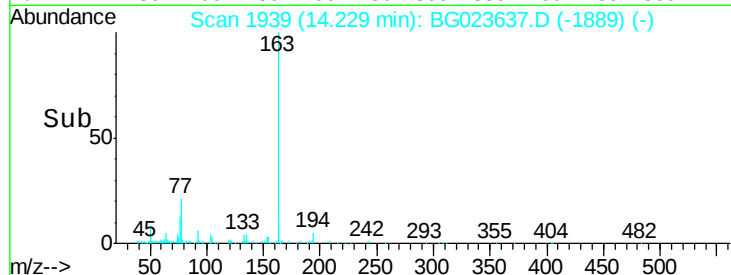
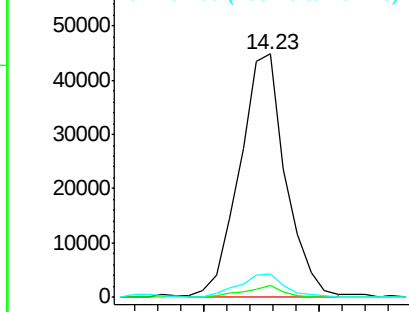
#44
Dimethylphthalate
Concen: 1.59 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	9.6	8.8	13.2

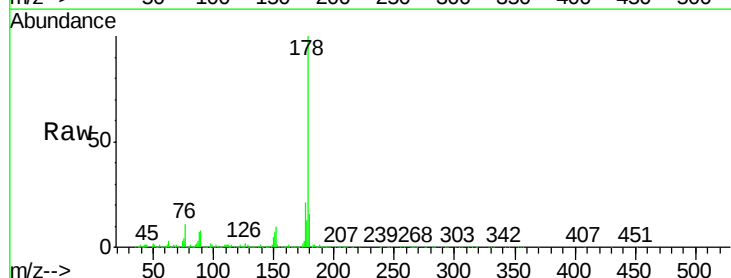


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

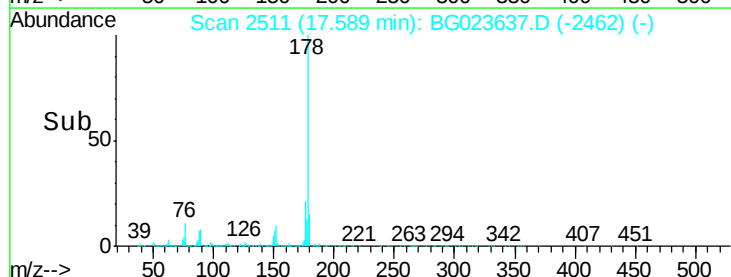
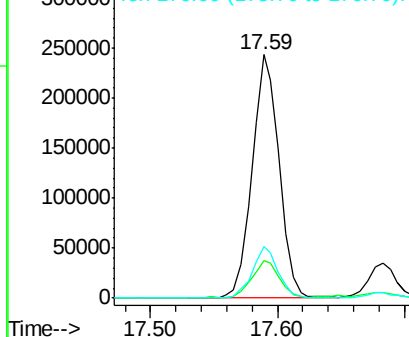


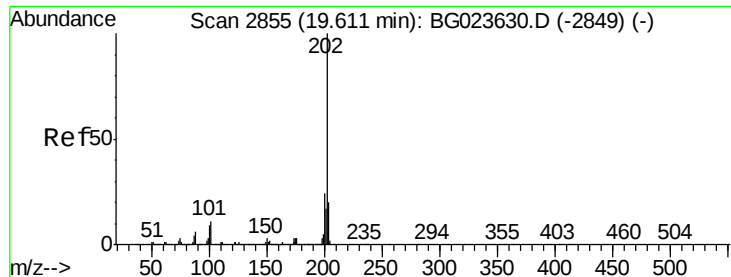
#69
Phenanthrene
Concen: 6.42 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023637.D
Acq: 12 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	21.5	15.8	23.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 10.65 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

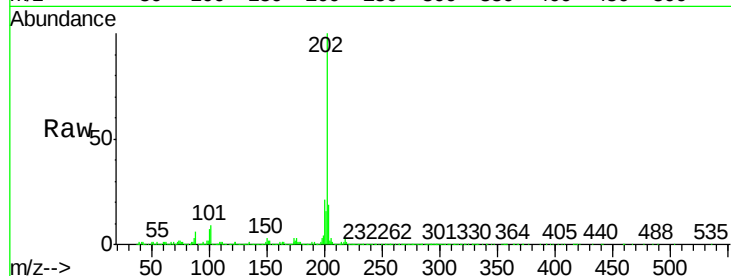
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01

Tgt Ion:	202	Resp:	609889
Ion Ratio	Lower	Upper	
202	100		
101	9.3	10.6	16.0#
100	7.5	8.7	13.1#



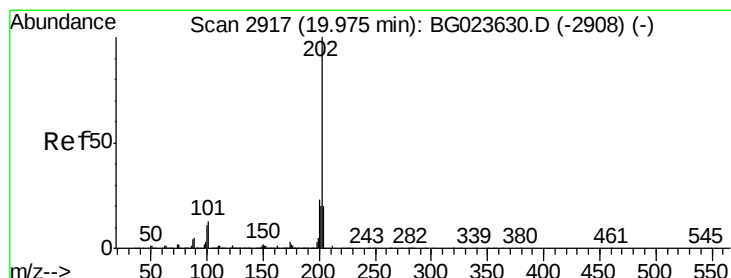
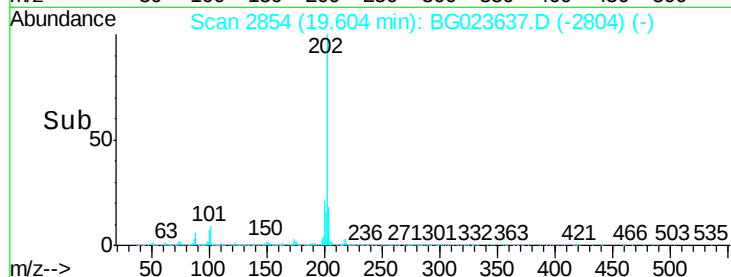
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.60

Time-->



#77

Pyrene

Concen: 11.91 ng/ul

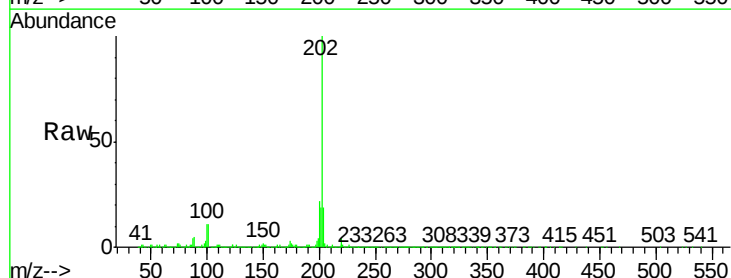
RT: 19.97 min Scan# 2916

Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Tgt Ion:	202	Resp:	785856
Ion Ratio	Lower	Upper	
202	100		
101	11.0	12.5	18.7#
100	10.6	10.2	15.4



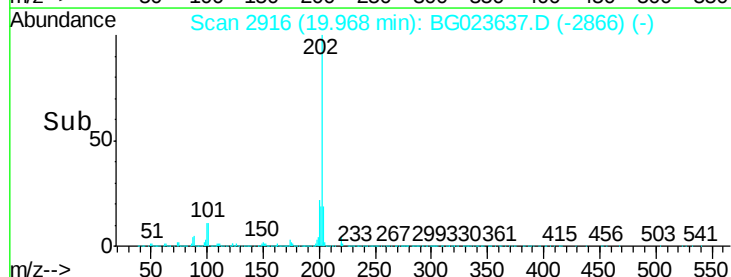
Abundance Ion 202.00 (201.70 to 202.70): E

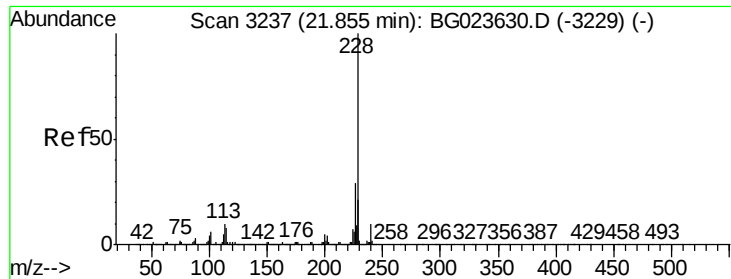
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.97

Time-->





#80

Benzo(a)anthracene

Concen: 7.49 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. 0.06 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

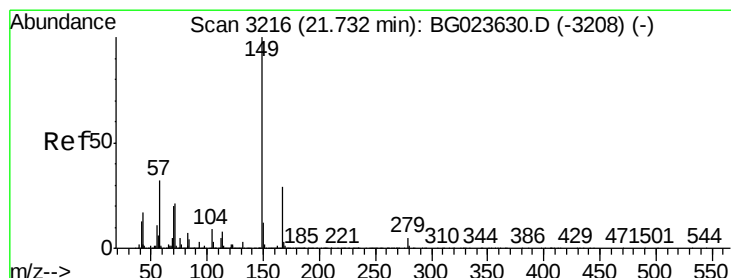
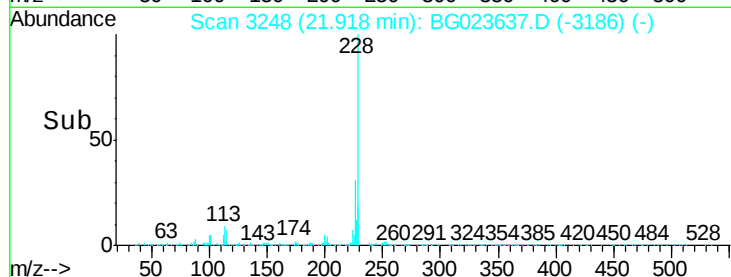
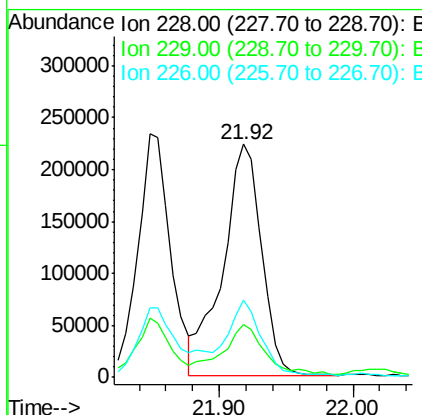
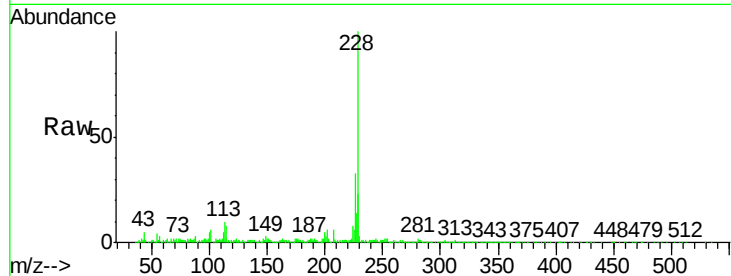
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01

Tgt Ion:	228	Resp:	450153
Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.4	23.2
226	33.2	22.8	34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 123.32 ng/ul

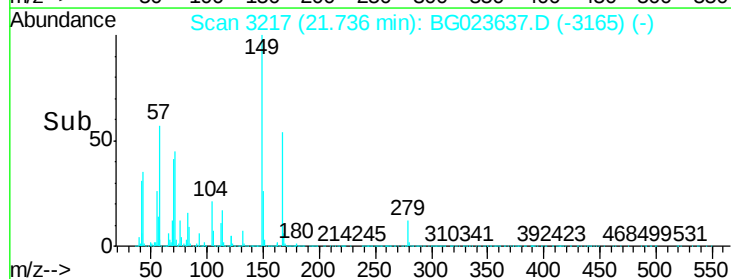
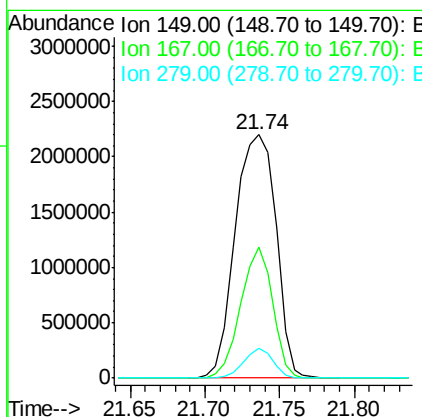
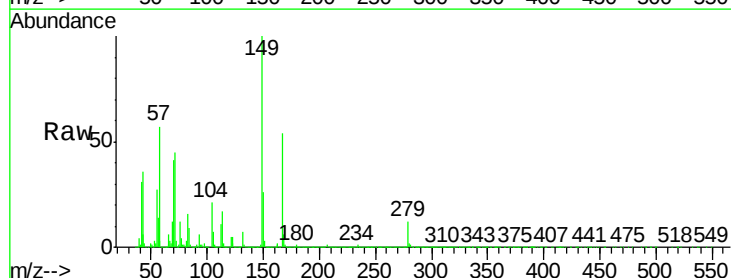
RT: 21.74 min Scan# 3217

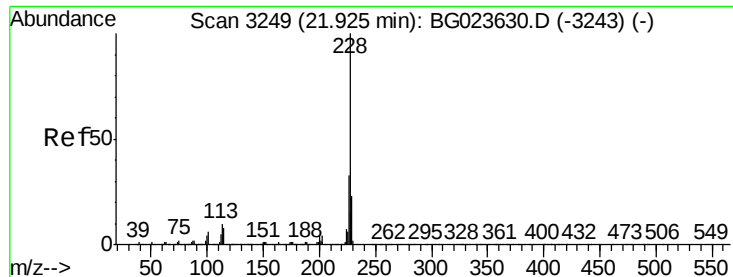
Delta R.T. 0.00 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Tgt Ion:	149	Resp:	4148613
Ion	Ratio	Lower	Upper
149	100		
167	53.7	21.9	32.9#
279	12.3	2.9	4.3#





#82

Chrysene

Concen: 8.24 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01

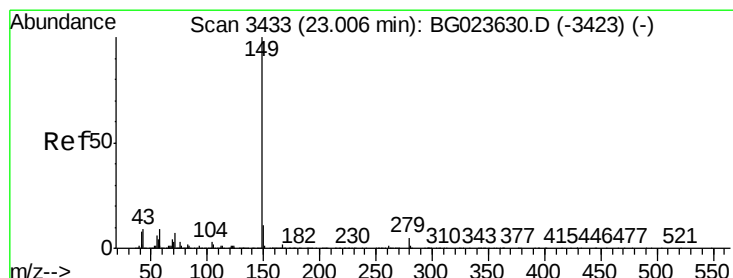
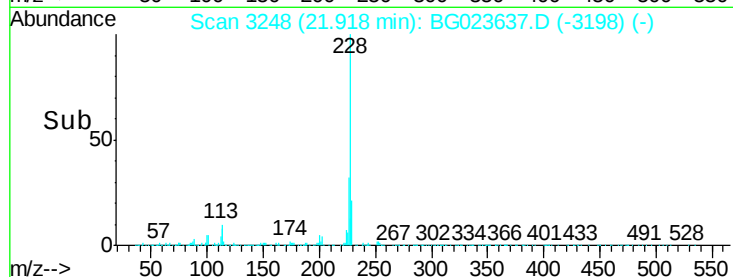
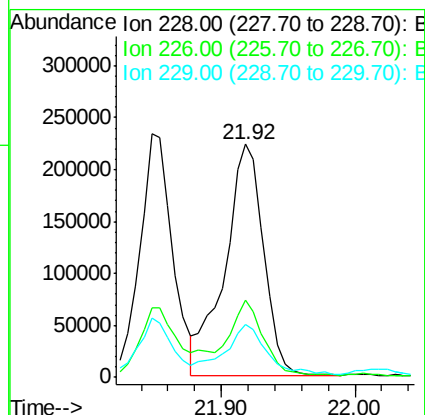
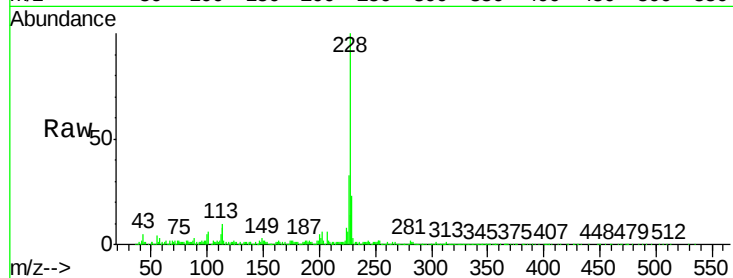
Tgt Ion:228 Resp: 450153

Ion Ratio Lower Upper

228 100

226 33.2 24.2 36.4

229 22.8 15.0 22.6#



#84

Di-n-octyl phthalate

Concen: 2.56 ng/ul

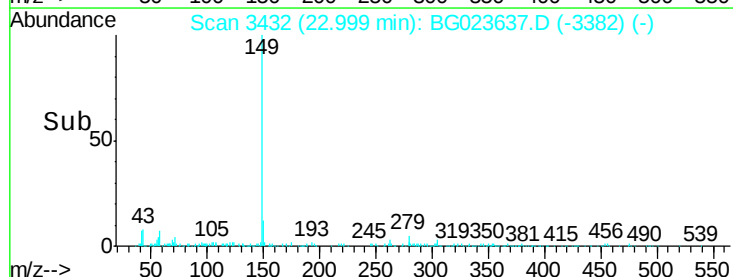
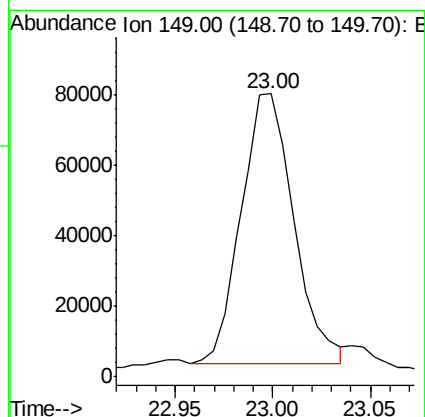
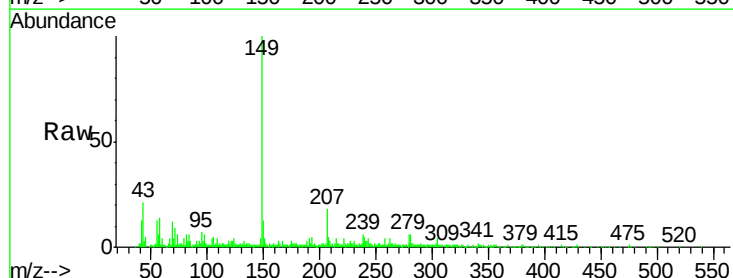
RT: 23.00 min Scan# 3432

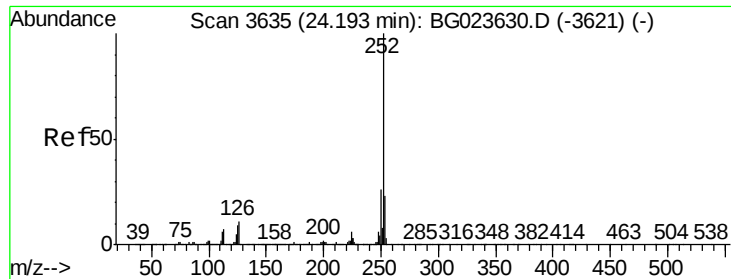
Delta R.T. -0.01 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Tgt Ion:149 Resp: 142753





#85

Benzo(b)fluoranthene

Concen: 6.82 ng/ul

RT: 24.19 min Scan# 3635

Delta R.T. -0.00 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

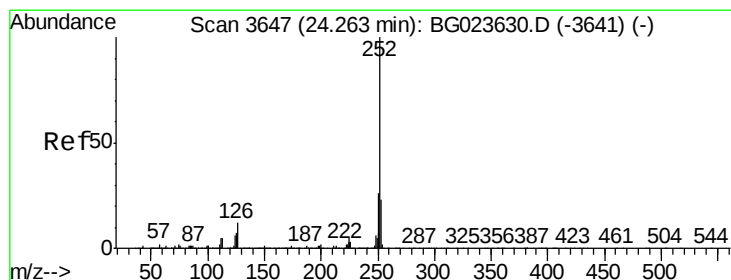
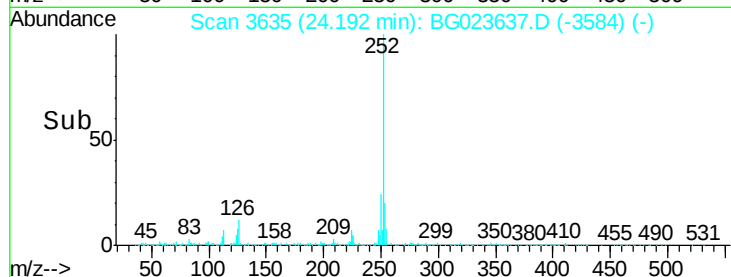
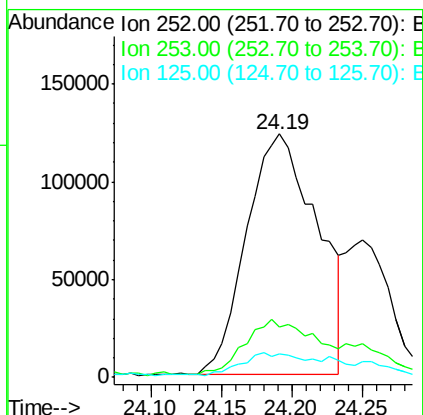
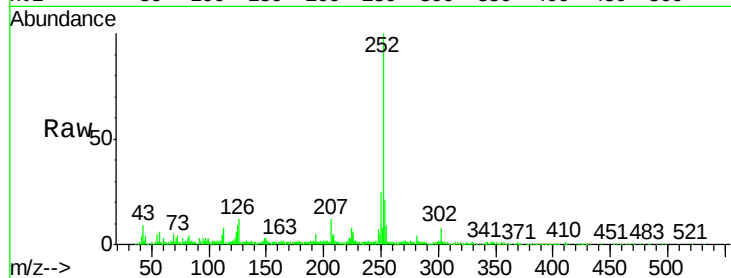
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01

Tgt Ion:	252	Resp:	428742
Ion Ratio		Lower	Upper
252	100		
253	20.7	18.2	27.2
125	9.5	10.8	16.2#



#86

Benzo(k)fluoranthene

Concen: 1.28 ng/ul

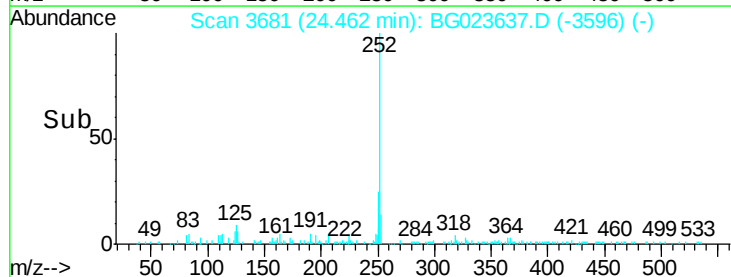
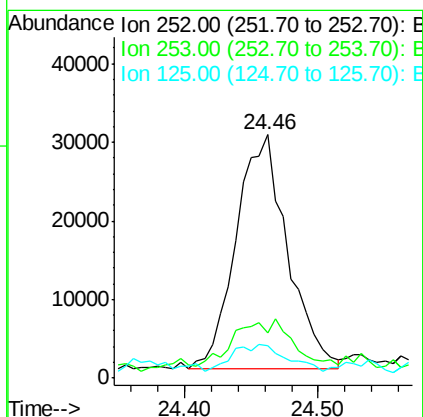
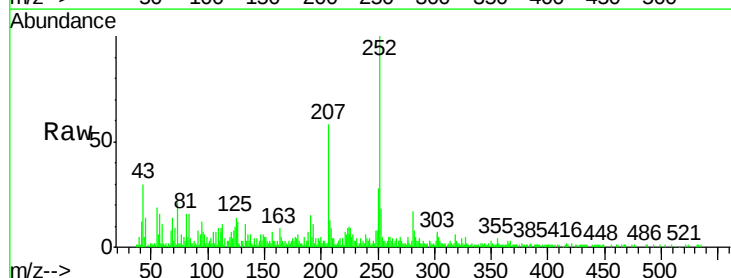
RT: 24.46 min Scan# 3681

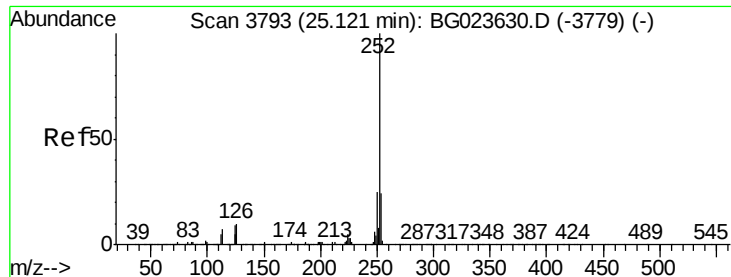
Delta R.T. 0.20 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

Tgt Ion:	252	Resp:	79104
Ion Ratio		Lower	Upper
252	100		
253	18.4	15.8	23.6
125	13.6	10.6	16.0





#88

Benzo(a)pyrene

Concen: 4.11 ng/ul

RT: 24.95 min Scan# 3764

Delta R.T. -0.17 min

Lab File: BG023637.D

Acq: 12 Aug 2016 00:43

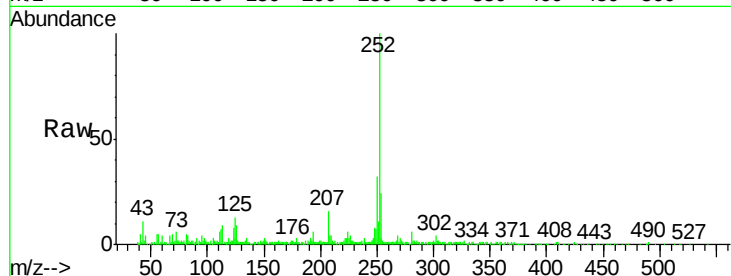
Instrument :

BNA_G

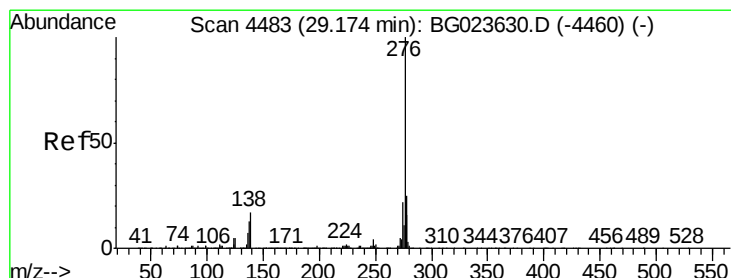
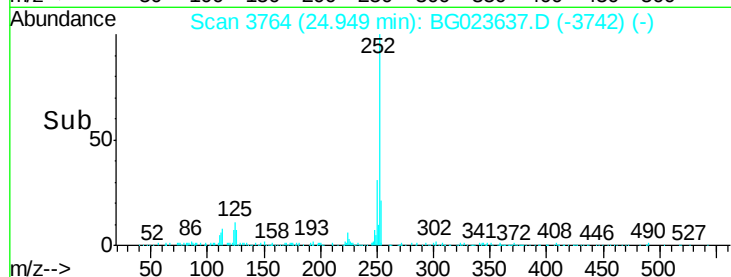
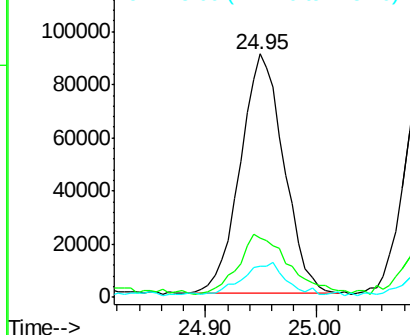
ClientSampleId :

PR001-SS004-0206-01

Tgt Ion:	252	Resp:	249776
Ion Ratio		Lower	Upper
252	100		
253	24.3	19.0	28.4
125	12.6	12.0	18.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.23 ng/ul

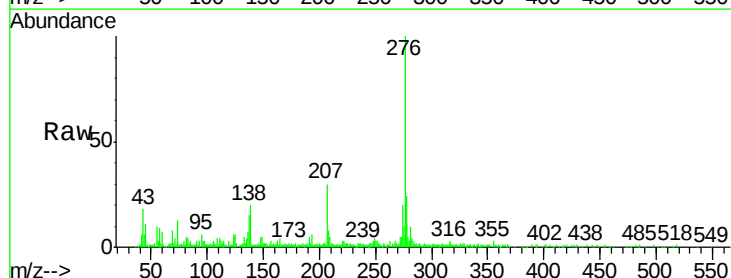
RT: 29.15 min Scan# 4479

Delta R.T. -0.02 min

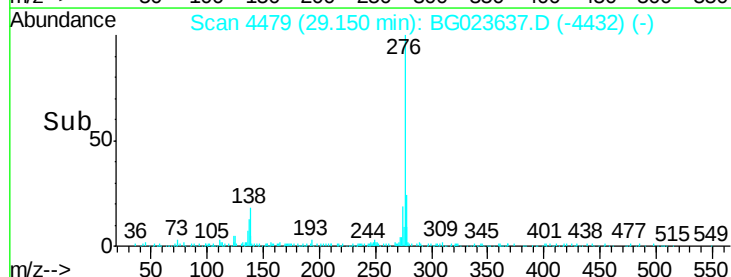
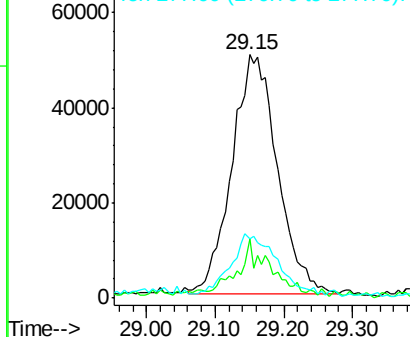
Lab File: BG023637.D

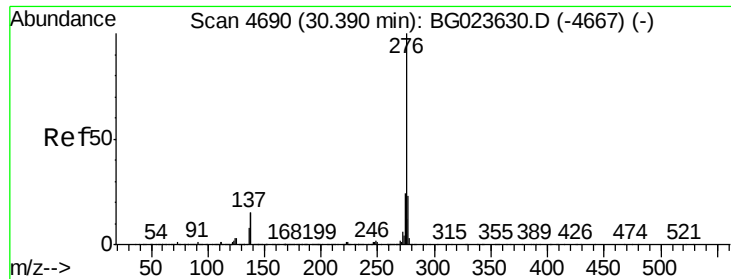
Acq: 12 Aug 2016 00:43

Tgt Ion:	276	Resp:	230538
Ion Ratio		Lower	Upper
276	100		
138	24.2	20.8	31.2
277	24.4	17.6	26.4



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: 3.70 ng/ul

RT: 30.38 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BG023637.D

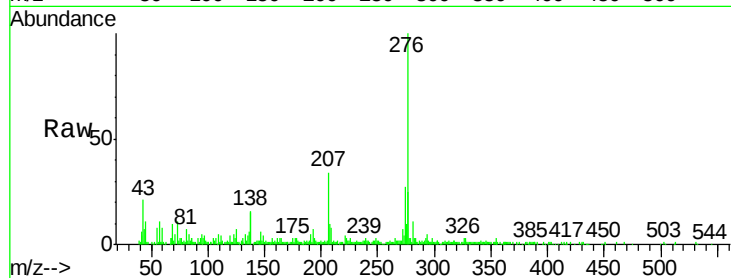
Acq: 12 Aug 2016 00:43

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01



Tgt Ion:	276	Resp:	219001
Ion	Ratio	Lower	Upper
276	100		
138	16.1	22.1	33.1#
277	24.7	17.0	25.4

