

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023677.D
 Acq On : 13 Aug 2016 5:08
 Operator : UM/SJ
 Sample : H4360-20DL 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Aug 13 06:38:05 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	89362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	405833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	299334	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	717081	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	715252	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	726550	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.48	96	219	0.10	ng/uL	0.00
5) Phenol-d5	7.28	99	4533	0.50	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	4557	0.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	3945	0.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	669	0.10	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	294	0.09	ng/ul	0.03
22) 2-Nitrophenol-d4	10.02	143	1526	0.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	973	0.14	ng/ul	0.02
29) 4-Chloroaniline-d4	11.08	131	215	0.03	ng/ul	-0.01
43) Dimethylphthalate-d6	14.19	166	20503	0.84	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	24351	0.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	102	0.02	ng/ul	0.07
57) Fluorene-d10	15.79	176	23245	1.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	62	0.01	ng/ul	-0.01
70) Anthracene-d10	17.65	188	33444	1.04	ng/ul	0.00
76) Pyrene-d10	19.94	212	36644	1.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	12317	0.37	ng/ul	-0.02

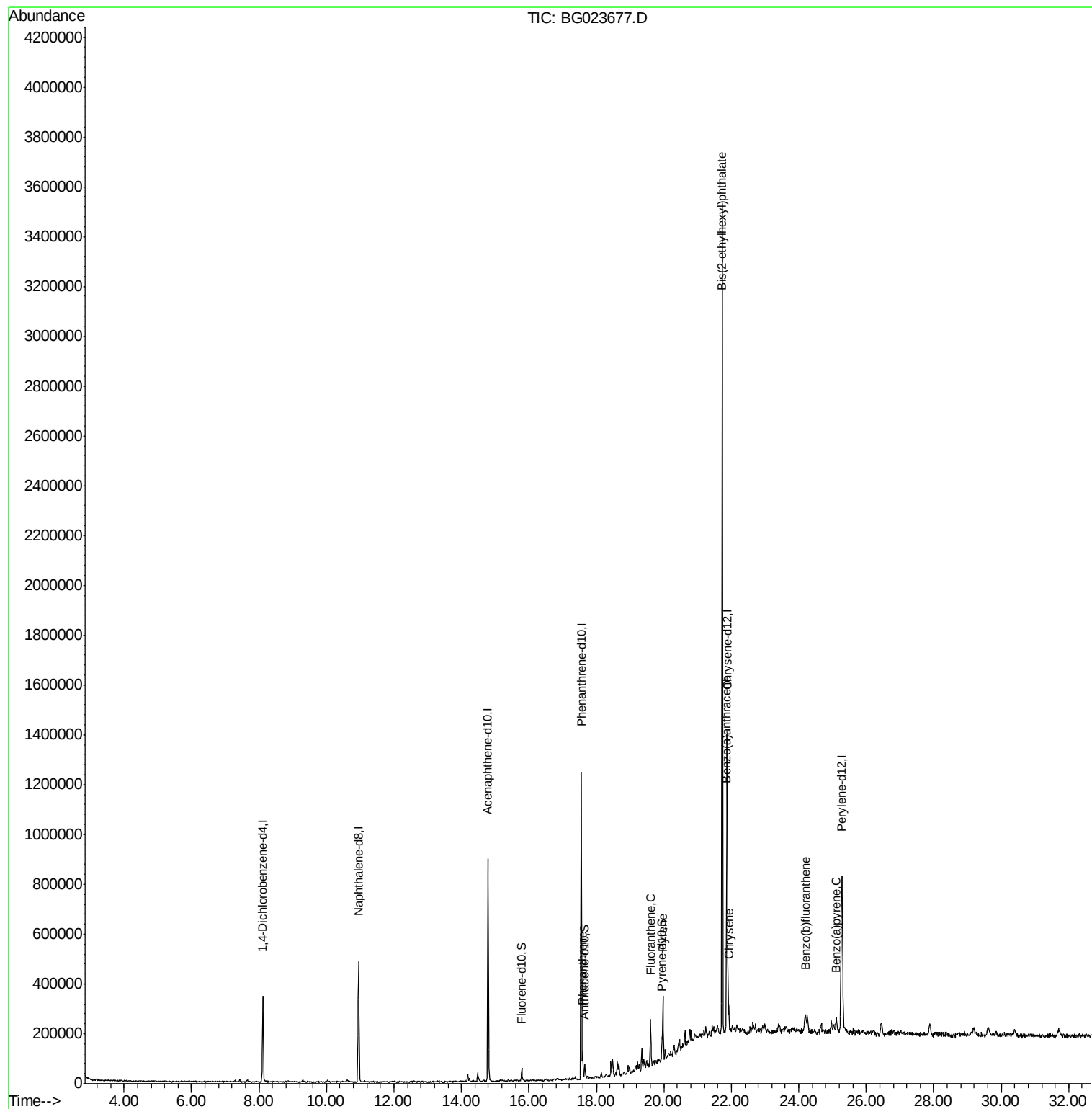
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Phenanthrene	17.59	178	64393	1.73	ng/ul	96
74) Fluoranthene	19.61	202	114759	3.02	ng/ul#	91
77) Pyrene	19.97	202	144789	3.27	ng/ul#	90
80) Benzo(a)anthracene	21.86	228	67065	1.66	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.73	149	1273084	56.45	ng/ul#	96
82) Chrysene	21.92	228	79286	2.16	ng/ul#	93
85) Benzo(b)fluoranthene	24.20	252	69354	1.68	ng/ul#	94
88) Benzo(a)pyrene	25.11	252	53654	1.34	ng/ul	97

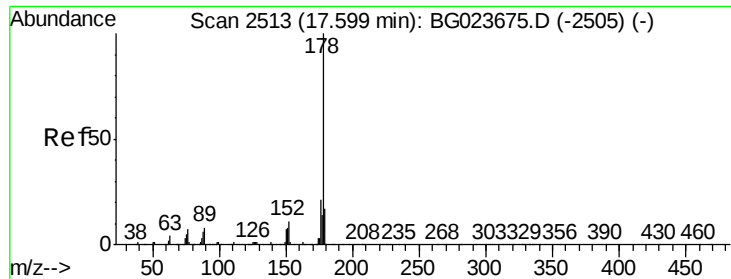
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023677.D
Acq On : 13 Aug 2016 5:08
Operator : UM/SJ
Sample : H4360-20DL 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Aug 13 06:38:05 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





#69

Phenanthrene

Concen: 1.73 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023677.D

Acq: 13 Aug 2016 5:08

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01DL

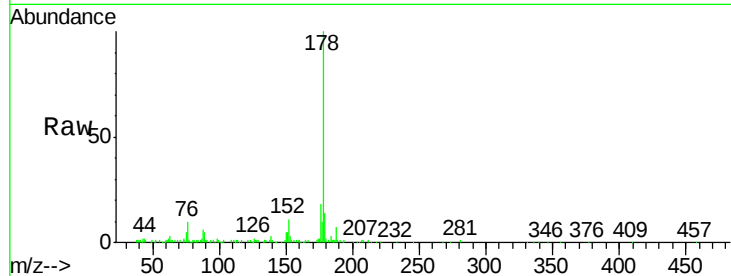
Tgt Ion:178 Resp: 64393

Ion Ratio Lower Upper

178 100

179 14.0 12.9 19.3

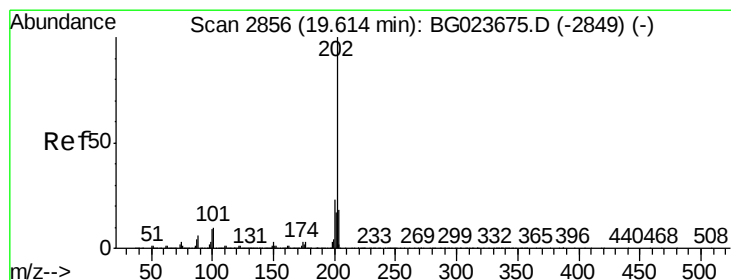
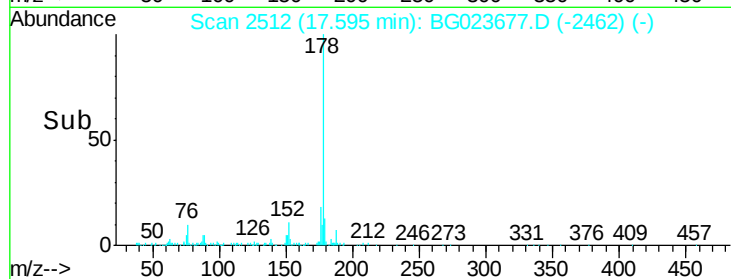
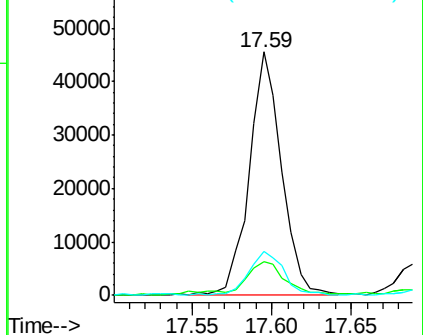
176 18.2 15.8 23.8



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: 3.02 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG023677.D

Acq: 13 Aug 2016 5:08

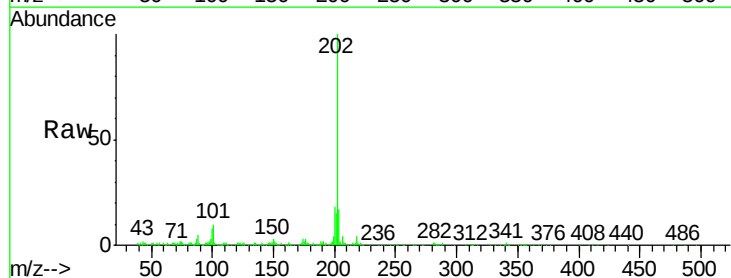
Tgt Ion:202 Resp: 114759

Ion Ratio Lower Upper

202 100

101 10.0 10.6 16.0#

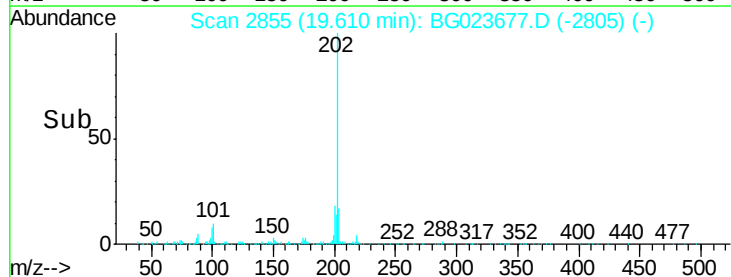
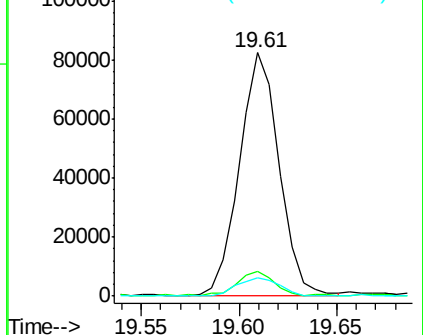
100 7.5 8.7 13.1#

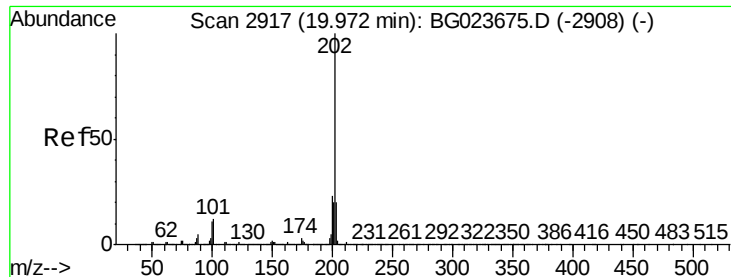


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 3.27 ng/ul

RT: 19.97 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG023677.D

Acq: 13 Aug 2016 5:08

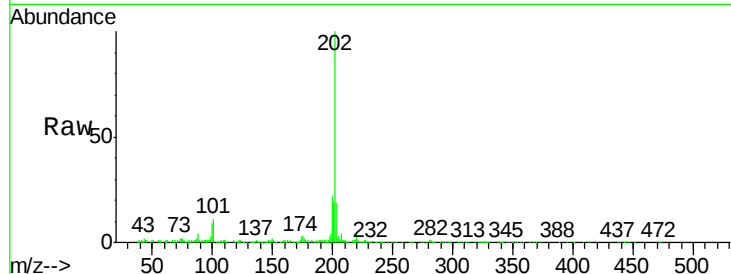
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01DL

Tgt Ion:	202	Resp:	144789
Ion Ratio		Lower	Upper
202	100		
101	10.7	12.5	18.7#
100	9.2	10.2	15.4#



Abundance Ion 202.00 (201.70 to 202.70): E

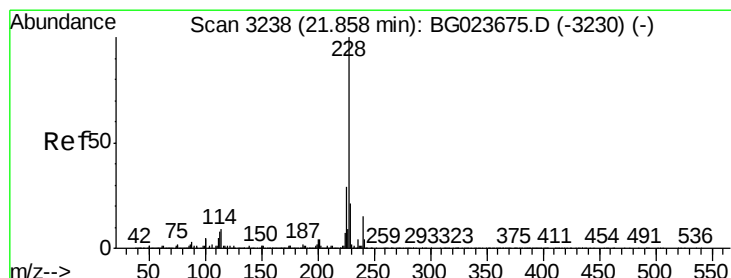
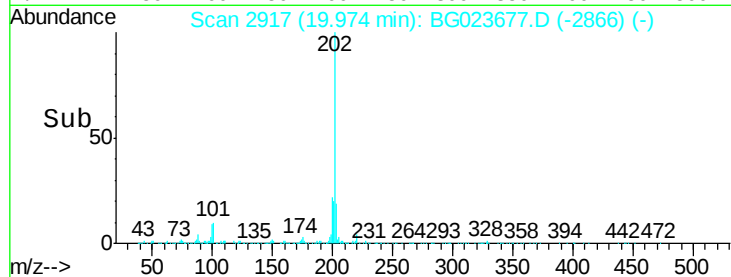
19.97

100000

50000

0

Time-->



#80

Benzo(a)anthracene

Concen: 1.66 ng/ul

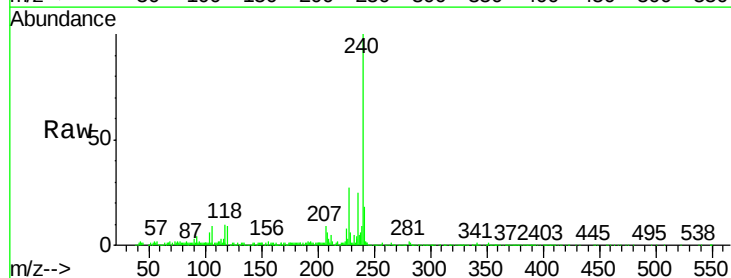
RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG023677.D

Acq: 13 Aug 2016 5:08

Tgt Ion:	228	Resp:	67065
Ion Ratio		Lower	Upper
228	100		
229	22.8	15.4	23.2
226	30.8	22.8	34.2



Abundance Ion 228.00 (227.70 to 228.70): E

21.86

50000

40000

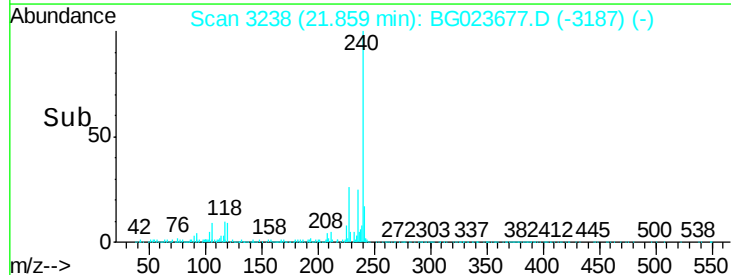
30000

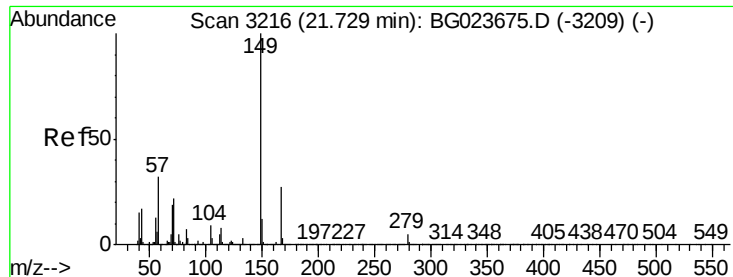
20000

10000

0

Time-->

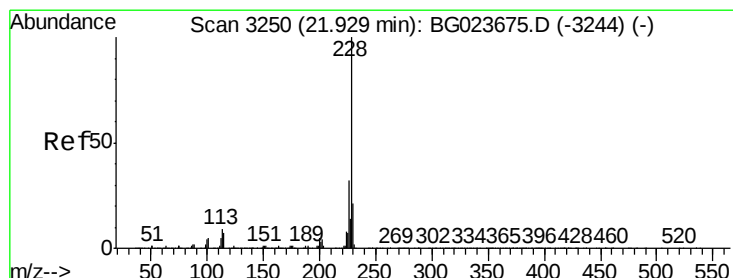
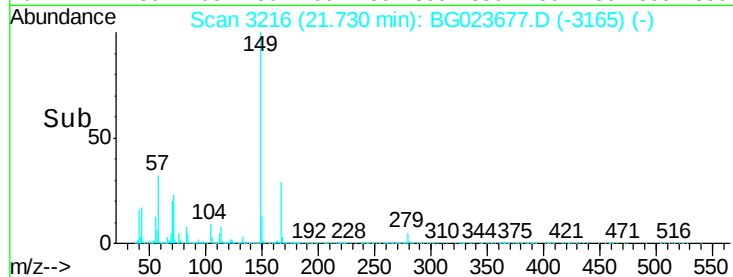
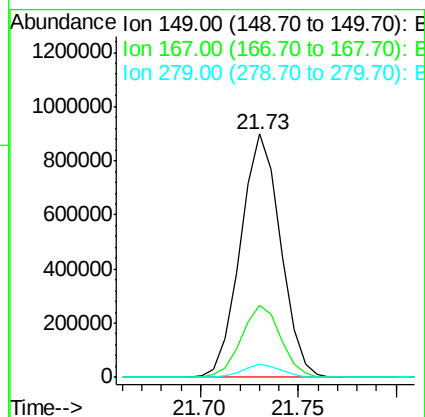
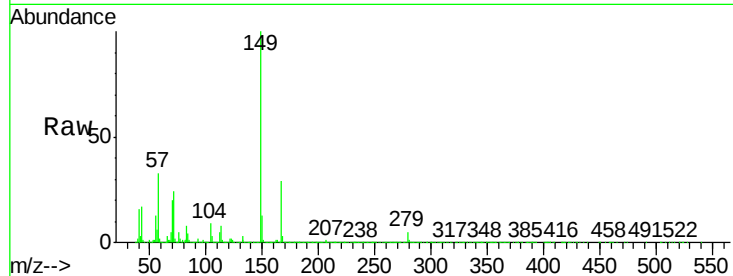




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 56.45 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG023677.D
 Acq: 13 Aug 2016 5:08

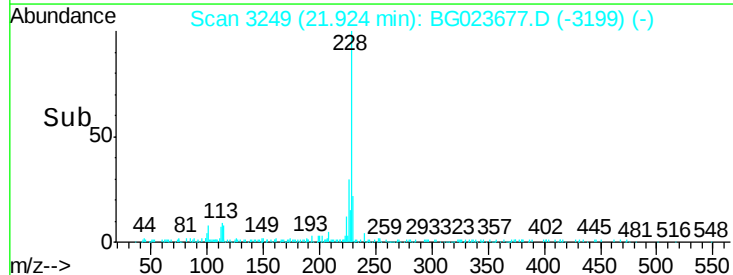
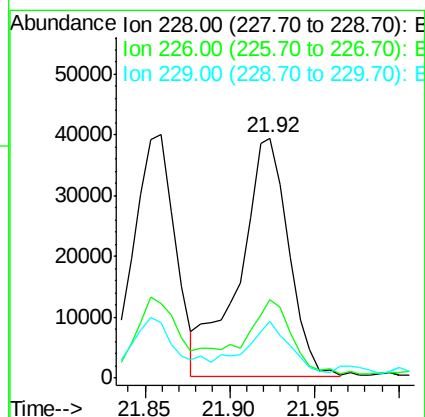
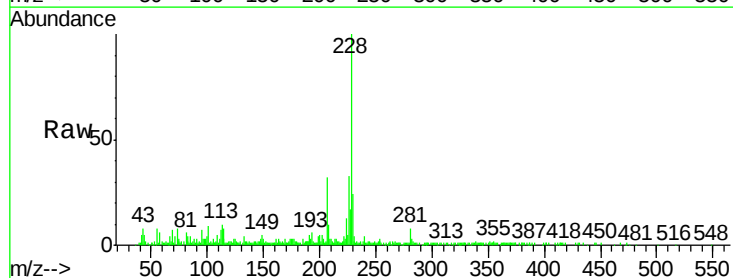
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0206-01DL

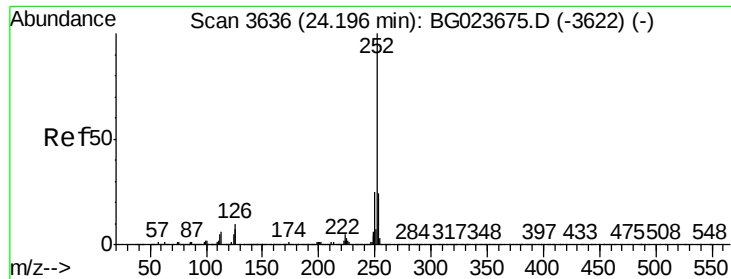
Tgt Ion:149 Resp: 1273084
 Ion Ratio Lower Upper
 149 100
 167 29.5 21.9 32.9
 279 5.3 2.9 4.3#



#82
 Chrysene
 Concen: 2.16 ng/ul
 RT: 21.92 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023677.D
 Acq: 13 Aug 2016 5:08

Tgt Ion:228 Resp: 79286
 Ion Ratio Lower Upper
 228 100
 226 32.6 24.2 36.4
 229 23.7 15.0 22.6#





#85

Benzo(b)fluoranthene

Concen: 1.68 ng/ul

RT: 24.20 min Scan# 3636

Delta R.T. 0.00 min

Lab File: BG023677.D

Acq: 13 Aug 2016 5:08

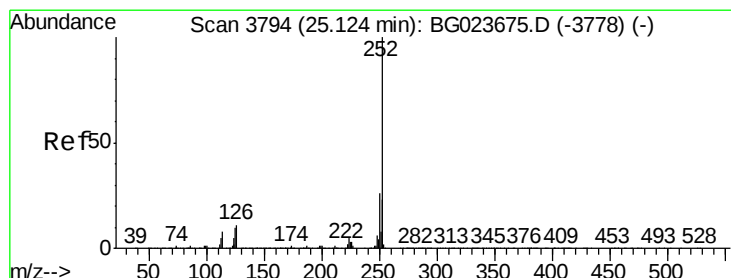
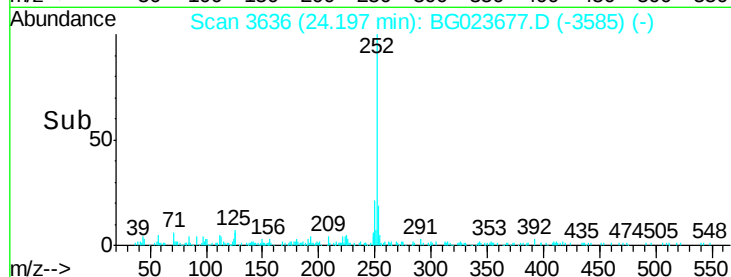
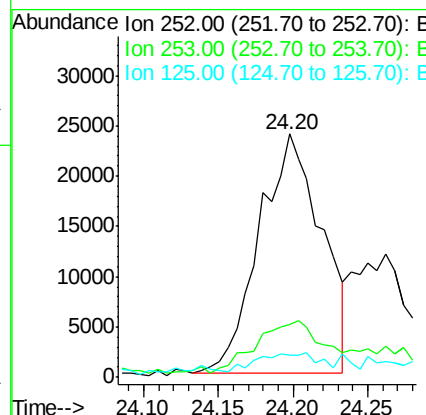
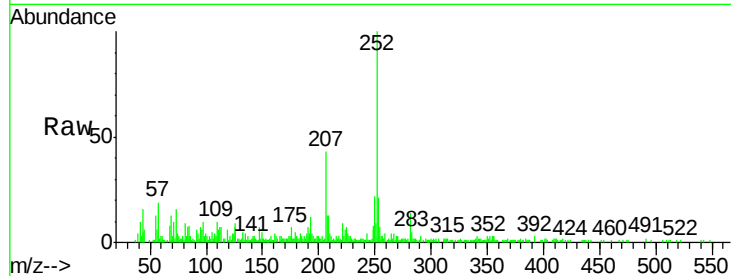
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0206-01DL

Tgt Ion:	252	Resp:	69354
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.2	27.2
125	9.1	10.8	16.2#



#88

Benzo(a)pyrene

Concen: 1.34 ng/ul

RT: 25.11 min Scan# 3791

Delta R.T. -0.02 min

Lab File: BG023677.D

Acq: 13 Aug 2016 5:08

Tgt Ion:	252	Resp:	53654
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.0	28.4
125	18.0	12.0	18.0

