

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023615.D
 Acq On : 11 Aug 2016 5:45
 Operator : UM/SJ
 Sample : H4385-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-2430-01

Quant Time: Aug 11 07:09:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	181276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	848615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	610906	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1433829	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1410886	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1424242	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	14944	3.50	ng/uL	0.00
5) Phenol-d5	7.27	99	379269	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	261778	22.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	275445	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	304407	21.35	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	153596	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	175355	22.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	310343	21.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	378446	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1108436	22.16	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1275641	22.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	172211	20.17	ng/ul	0.00
57) Fluorene-d10	15.78	176	1024023	22.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	184305	20.04	ng/ul	0.00
70) Anthracene-d10	17.65	188	1505197	23.30	ng/ul	0.00
76) Pyrene-d10	19.94	212	1629446	22.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1509337	23.41	ng/ul	0.00

Target Compounds

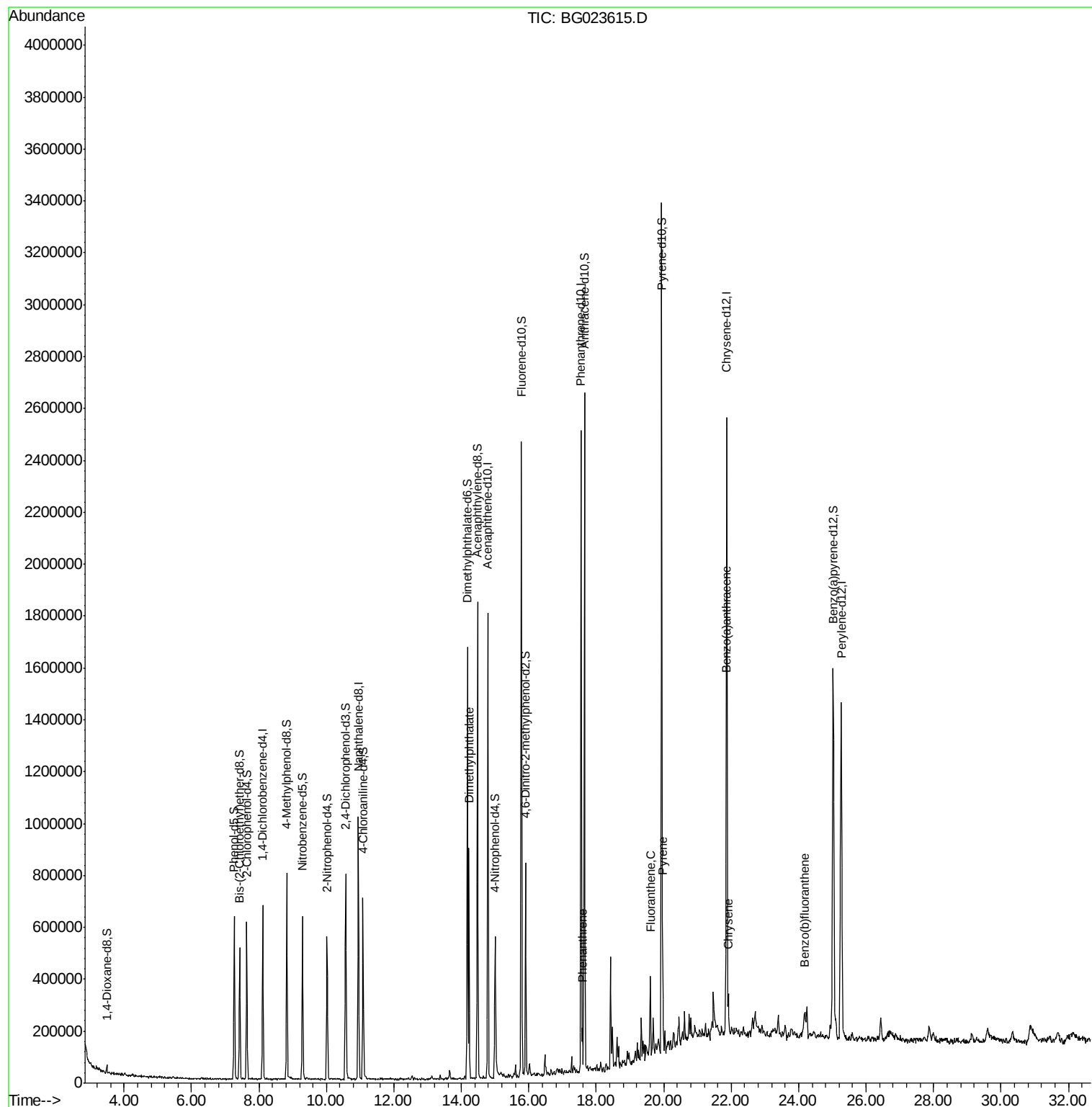
						Qvalue
44) Dimethylphthalate	14.22	163	546842	11.04	ng/ul	97
69) Phenanthrene	17.59	178	96896	1.30	ng/ul	97
74) Fluoranthene	19.60	202	176090	2.32	ng/ul#	90
77) Pyrene	19.97	202	247892	2.84	ng/ul	96
80) Benzo(a)anthracene	21.85	228	97046	1.22	ng/ul	96
82) Chrysene	21.91	228	102197	1.41	ng/ul#	89
85) Benzo(b)fluoranthene	24.17	252	95727	1.18	ng/ul	97

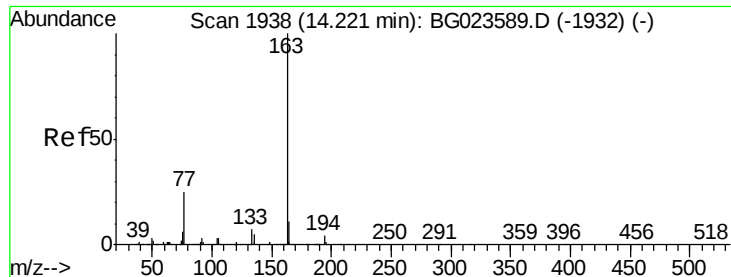
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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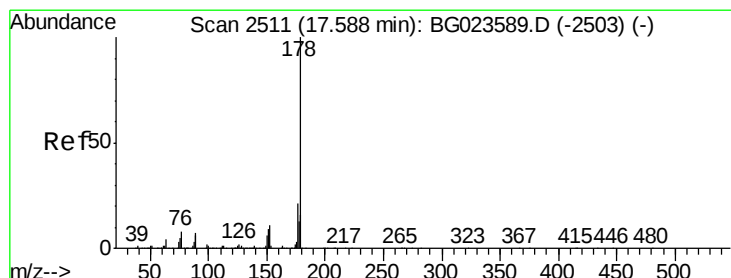
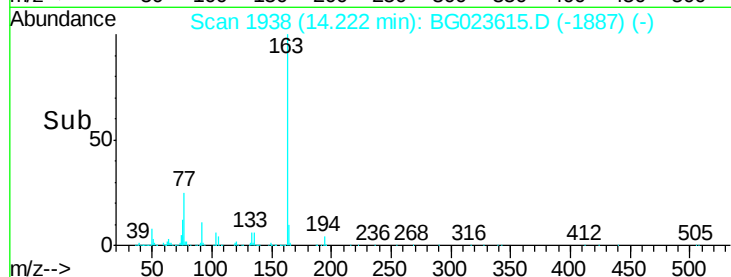
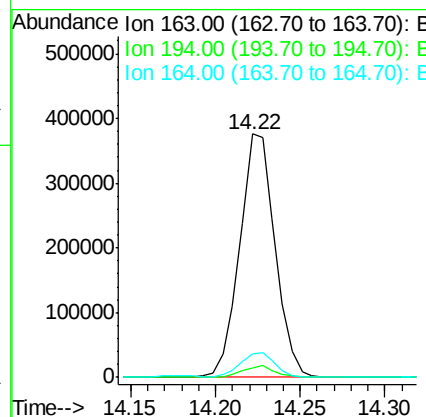
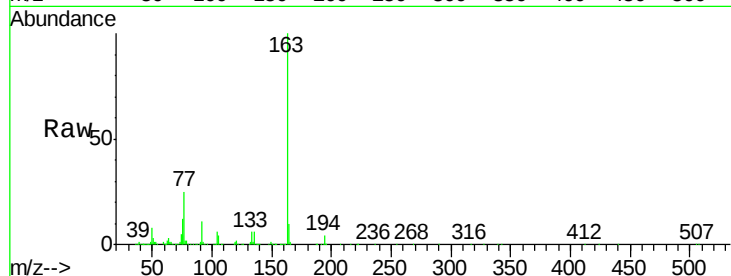




#44
Dimethylphthalate
Concen: 11.04 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023615.D
Acq: 11 Aug 2016 5:45

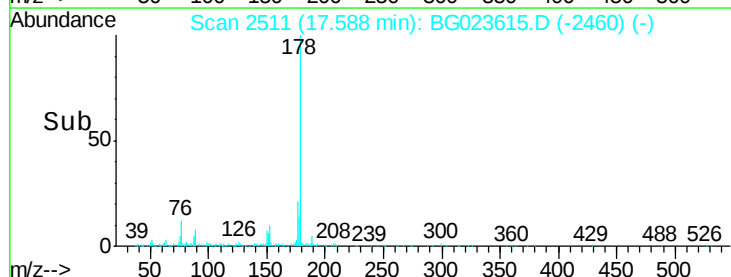
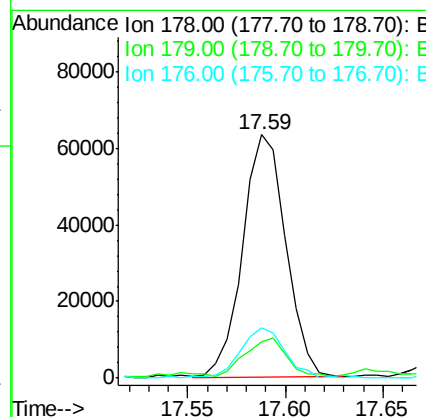
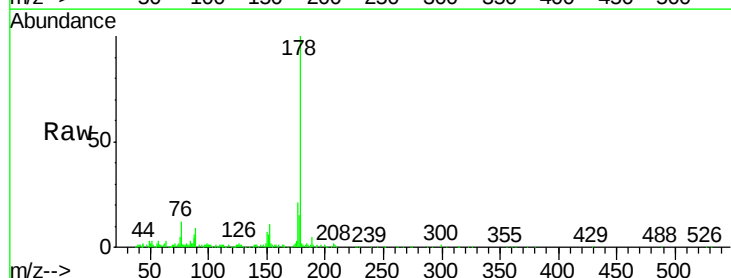
Instrument :
BNA_G
ClientSampleId :
P002-SS002-2430-01

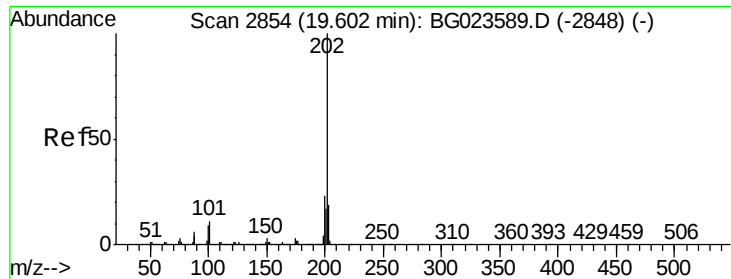
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	9.8	8.8	13.2



#69
Phenanthrene
Concen: 1.30 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023615.D
Acq: 11 Aug 2016 5:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	20.8	15.8	23.8





#74

Fluoranthene

Concen: 2.32 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Instrument :

BNA_G

ClientSampleId :

P002-SS002-2430-01

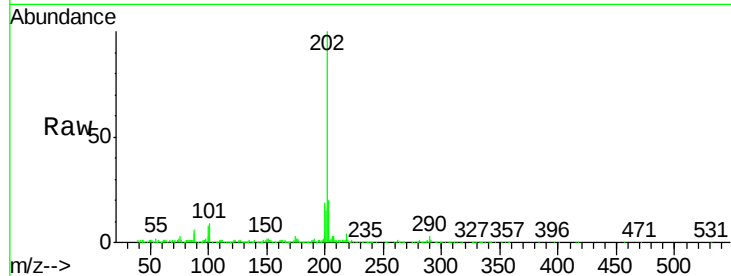
Tgt Ion:202 Resp: 176090

Ion Ratio Lower Upper

202 100

101 8.7 10.6 16.0#

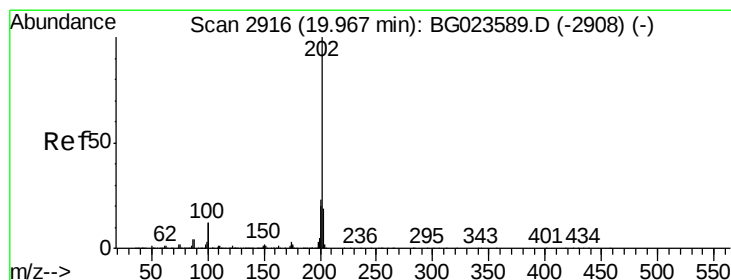
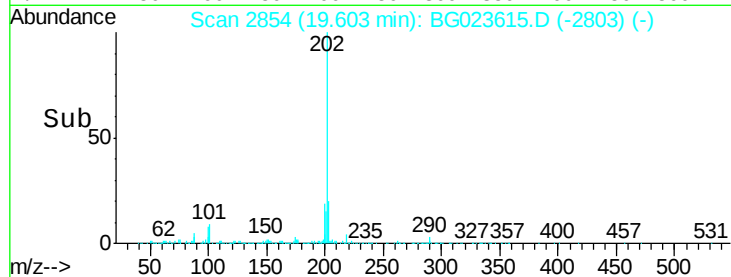
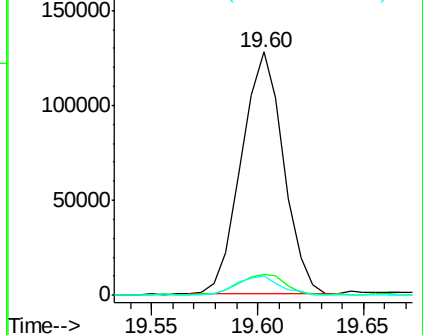
100 7.8 8.7 13.1#



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



#77

Pyrene

Concen: 2.84 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

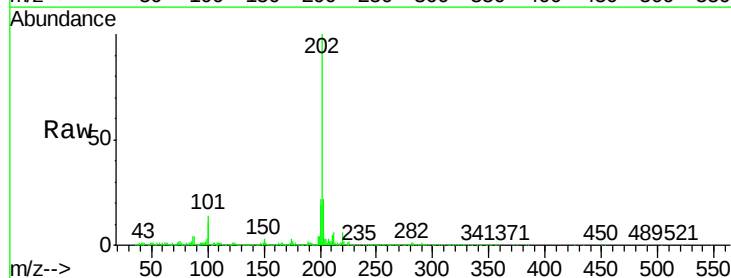
Tgt Ion:202 Resp: 247892

Ion Ratio Lower Upper

202 100

101 14.3 12.5 18.7

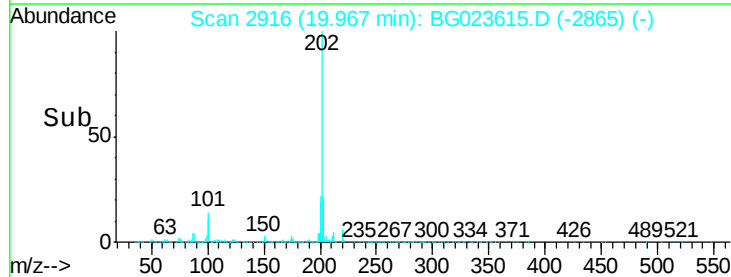
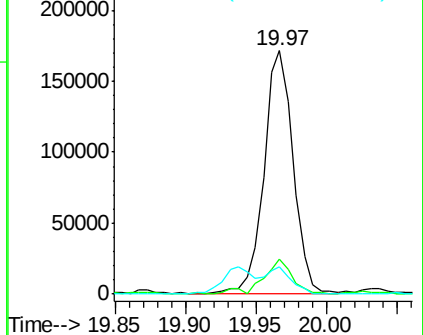
100 11.1 10.2 15.4

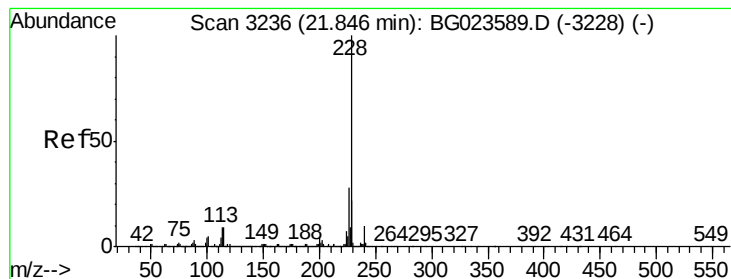


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.22 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

Instrument :

BNA_G

ClientSampleId :

P002-SS002-2430-01

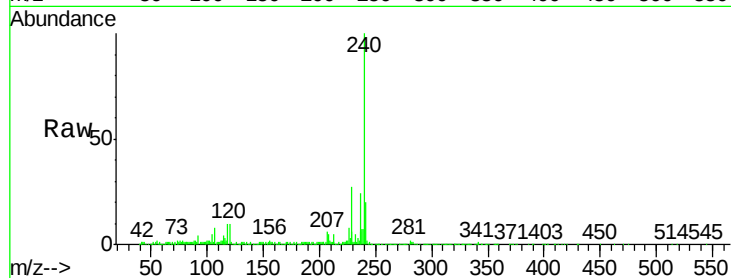
Tgt Ion:228 Resp: 97046

Ion Ratio Lower Upper

228 100

229 22.8 15.4 23.2

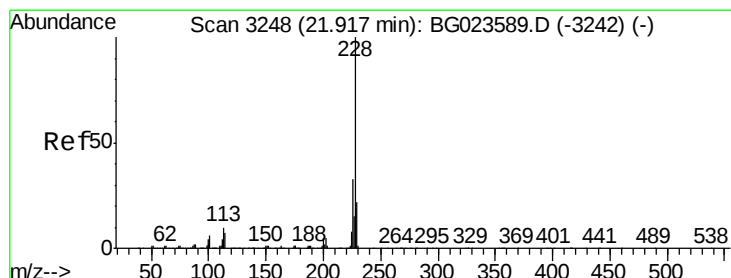
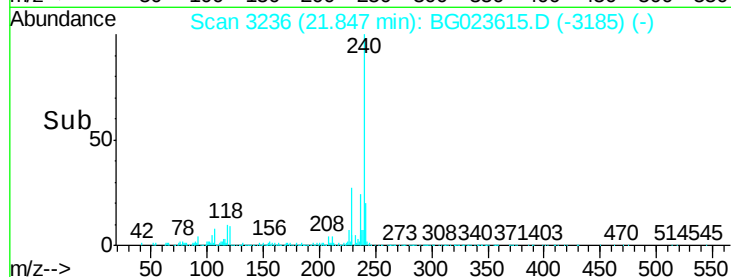
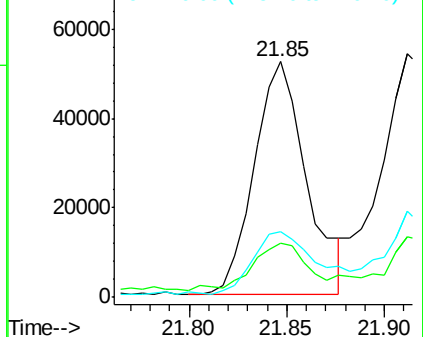
226 28.1 22.8 34.2



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



#82

Chrysene

Concen: 1.41 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG023615.D

Acq: 11 Aug 2016 5:45

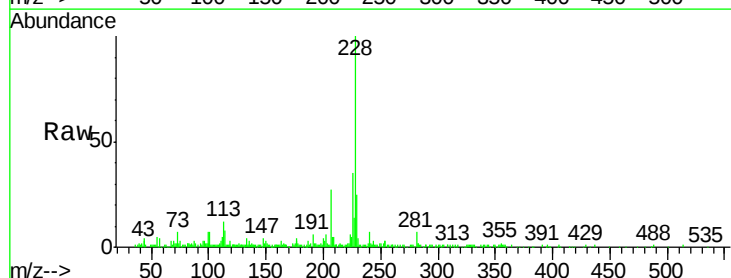
Tgt Ion:228 Resp: 102197

Ion Ratio Lower Upper

228 100

226 35.2 24.2 36.4

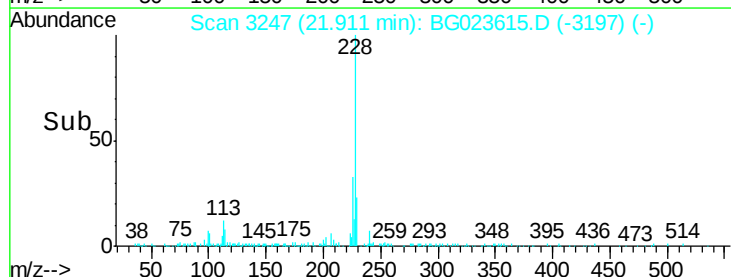
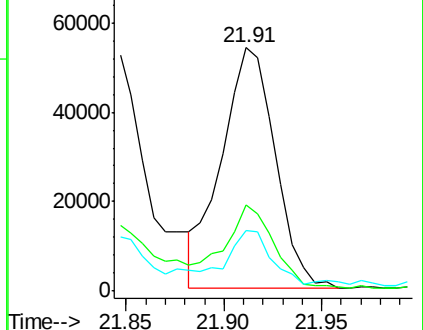
229 24.7 15.0 22.6#

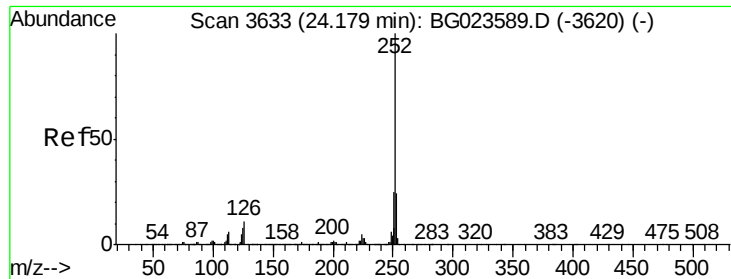


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.18 ng/ul

RT: 24.17 min Scan# 3632

Delta R.T. -0.01 min

Lab File: BG023615.D

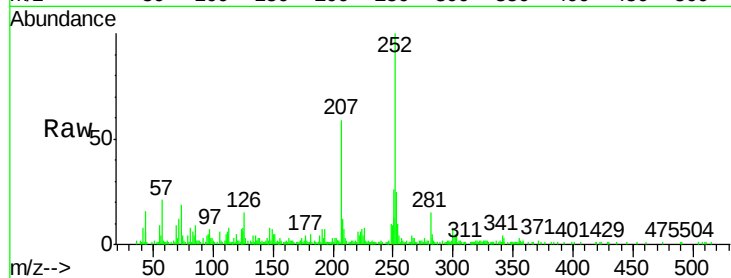
Acq: 11 Aug 2016 5:45

Instrument :

BNA_G

ClientSampleId :

P002-SS002-2430-01



Tgt Ion:	252	Resp:	95727
Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	14.1	10.8	16.2

