

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
 Data File : BG025129.D
 Acq On : 13 Dec 2016 00:40
 Operator : UM/SJ
 Sample : H5990-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND01-0106-03

Quant Time: Dec 13 02:09:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 01:00:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	89796	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	420959	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	366968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	775895	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	883905	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	884664	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	7295	4.20	ng/uL	0.00
5) Phenol-d5	7.38	99	214653	27.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	131826	27.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	145298	26.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	184769	28.54	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	78007	26.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	92994	25.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	187657	26.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	92567	13.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	590256	23.38	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	697907	25.24	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	89508	20.63	ng/ul	0.00
57) Fluorene-d10	15.84	176	548378	23.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	103769	21.63	ng/ul	0.00
70) Anthracene-d10	17.70	188	800160	24.43	ng/ul	0.00
76) Pyrene-d10	19.97	212	933612	25.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	891170	24.86	ng/ul	0.00

Target Compounds

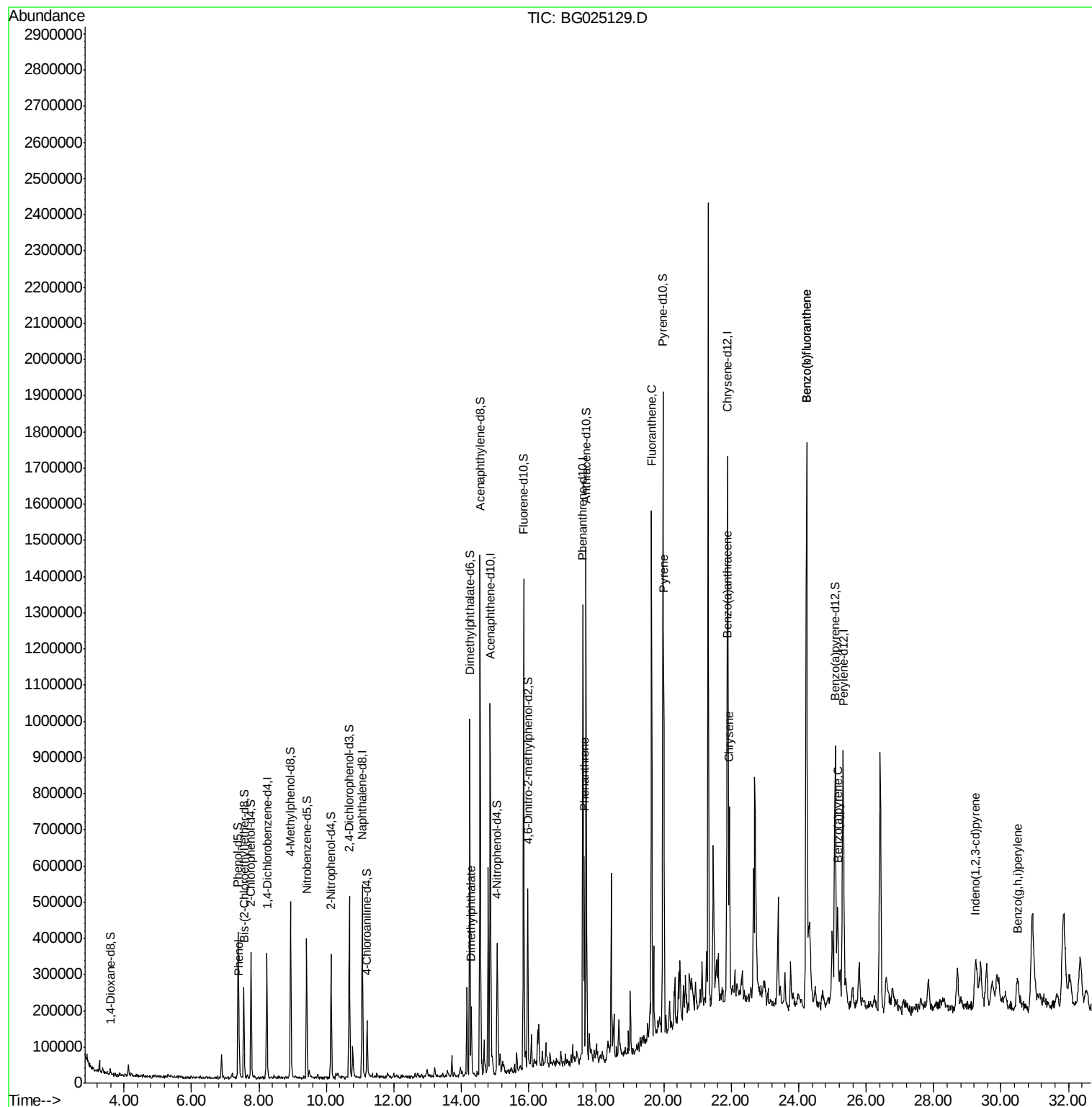
						Qvalue
6) Phenol	7.41	94	43495	5.47	ng/ul	92
44) Dimethylphthalate	14.30	163	112389	4.53	ng/ul	98
69) Phenanthrene	17.65	178	372272	10.05	ng/ul	98
74) Fluoranthene	19.64	202	881279	20.03	ng/ul	99
77) Pyrene	20.00	202	692426	16.30	ng/ul	99
80) Benzo(a)anthracene	21.87	228	336966	7.34	ng/ul	97
82) Chrysene	21.94	228	429519	10.00	ng/ul	97
85) Benzo(b)fluoranthene	24.22	252	541042	12.33	ng/ul#	99
86) Benzo(k)fluoranthene	24.22	252	261127	6.26	ng/ul#	97
88) Benzo(a)pyrene	25.15	252	320673	7.60	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.24	276	241882	4.61	ng/ul	94
91) Benzo(g,h,i)perylene	30.48	276	182762	4.18	ng/ul#	90

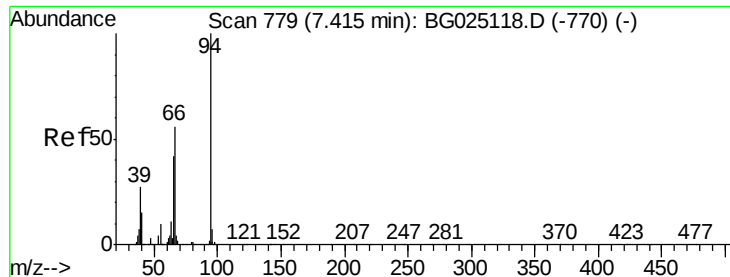
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 01:00:05 2016
Response via : Initial Calibration





#6

Phenol

Concen: 5.47 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

Instrument :

BNA_G

ClientSampleId :

BACKGROUND01-0106-03

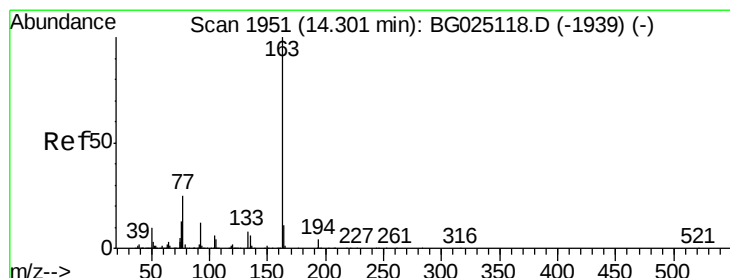
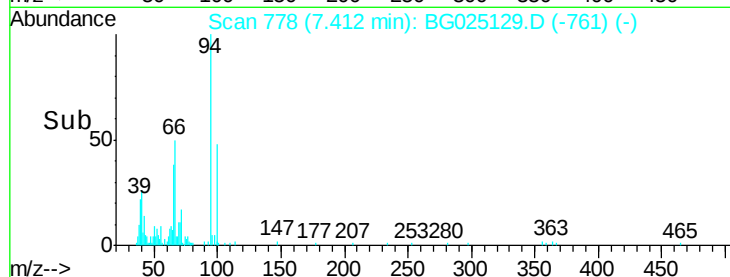
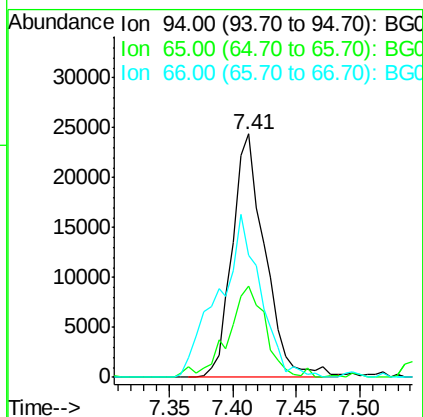
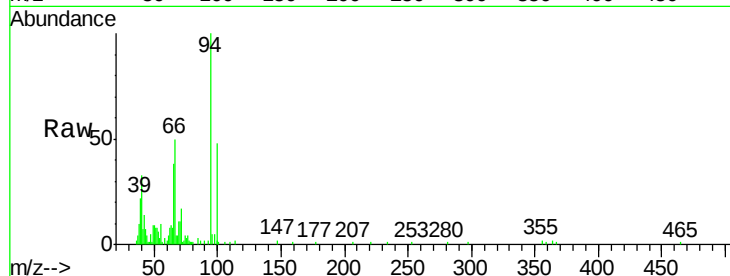
Tgt Ion: 94 Resp: 43495

Ion Ratio Lower Upper

94 100

65 37.5 26.8 40.2

66 49.9 44.4 66.6



#44

Dimethylphthalate

Concen: 4.53 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

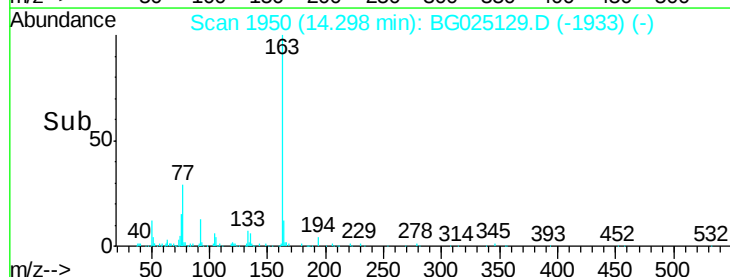
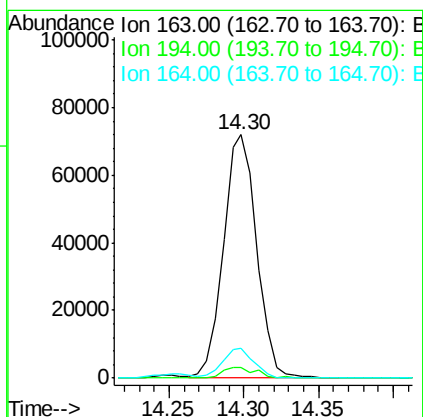
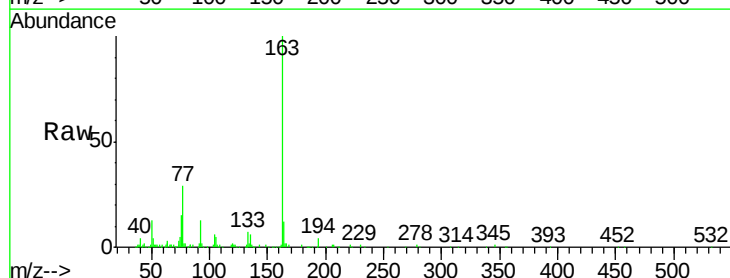
Tgt Ion: 163 Resp: 112389

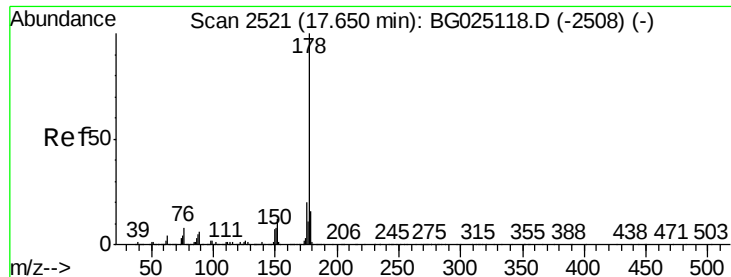
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 12.1 9.0 13.4





#69

Phenanthrene

Concen: 10.05 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

Instrument :

BNA_G

ClientSampleId :

BACKGROUND01-0106-03

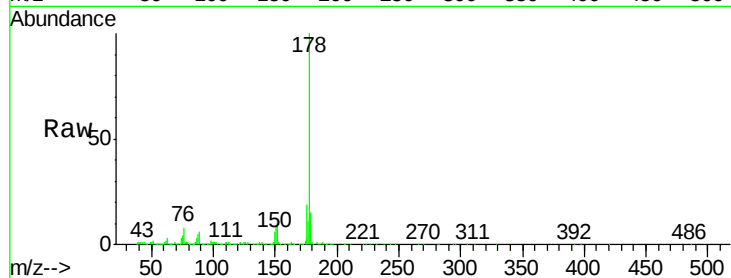
Tgt Ion:178 Resp: 372272

Ion Ratio Lower Upper

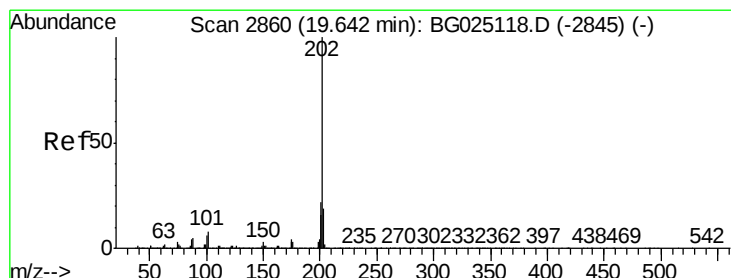
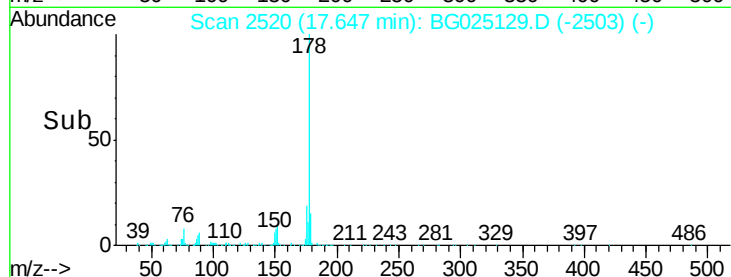
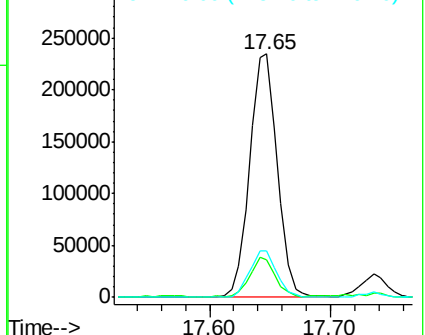
178 100

179 15.4 12.4 18.6

176 19.0 16.5 24.7



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: 20.03 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

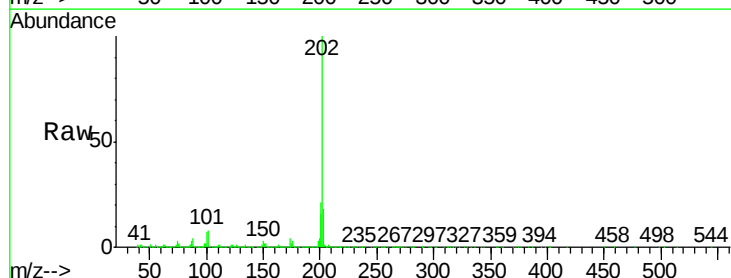
Tgt Ion:202 Resp: 881279

Ion Ratio Lower Upper

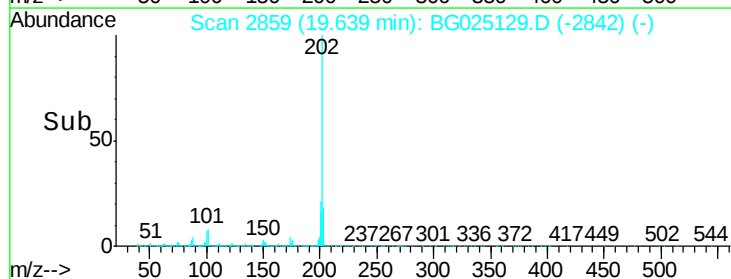
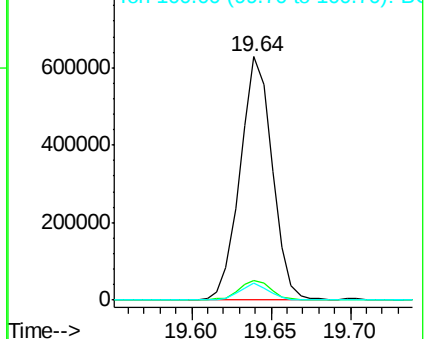
202 100

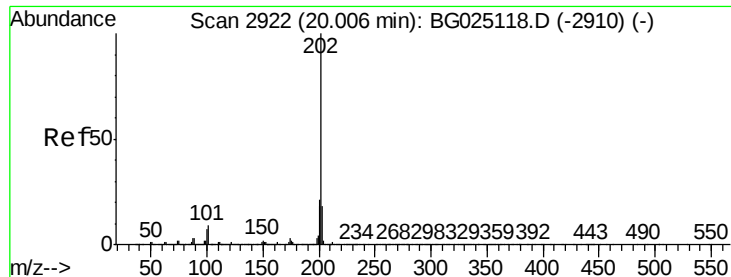
101 8.0 6.2 9.2

100 7.0 5.2 7.8



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: 16.30 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

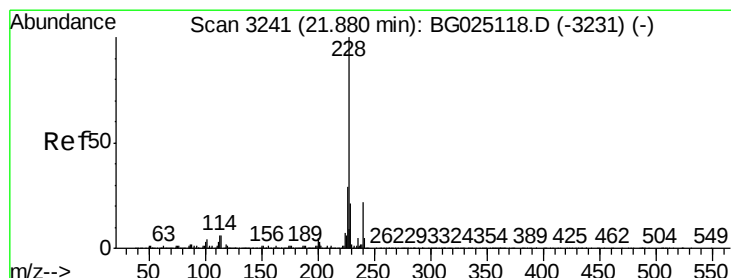
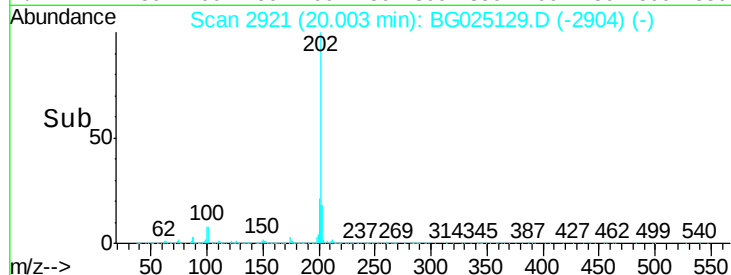
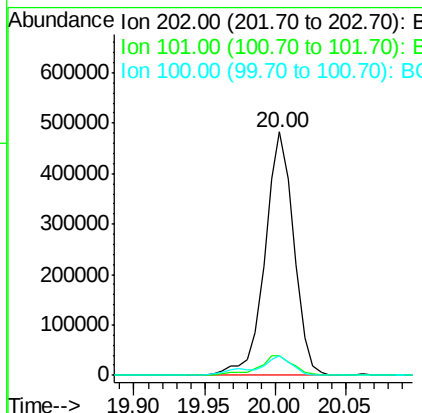
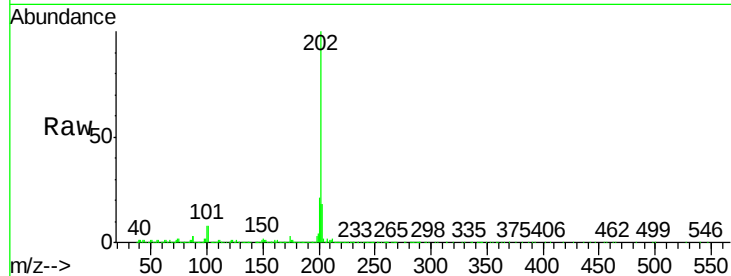
Instrument :

BNA_G

ClientSampleId :

BACKGROUND01-0106-03

Tgt Ion:	202	Resp:	692426
Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.9	10.3
100	8.0	6.6	10.0



#80

Benzo(a)anthracene

Concen: 7.34 ng/ul

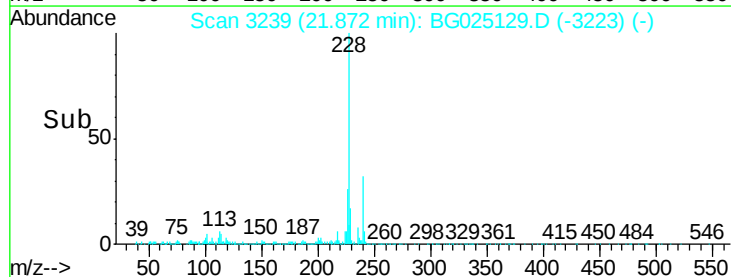
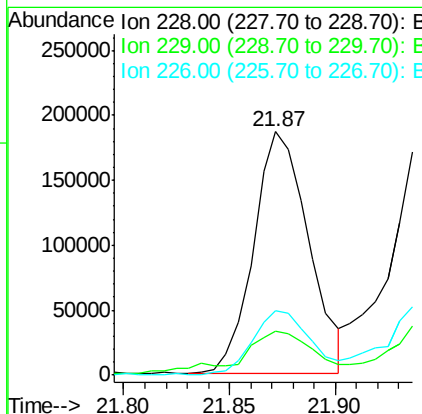
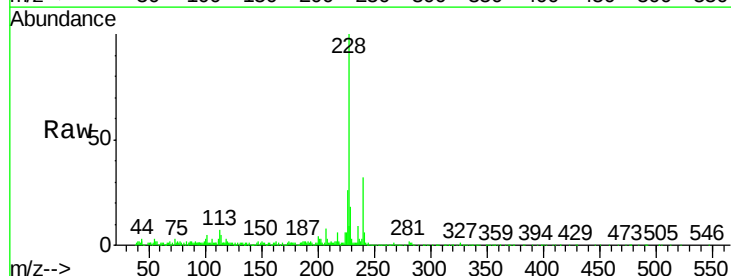
RT: 21.87 min Scan# 3239

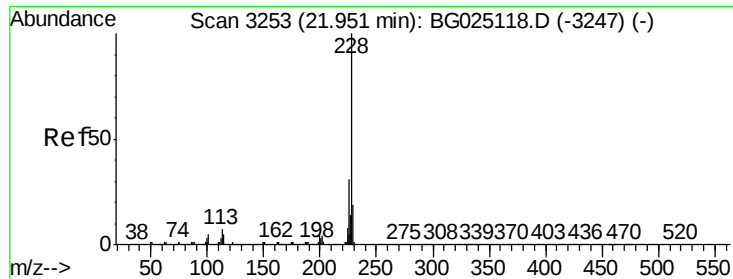
Delta R.T. -0.01 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

Tgt Ion:	228	Resp:	336966
Ion	Ratio	Lower	Upper
228	100		
229	18.0	16.3	24.5
226	26.4	21.9	32.9





#82

Chrysene

Concen: 10.00 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

Instrument :

BNA_G

ClientSampleId :

BACKGROUND01-0106-03

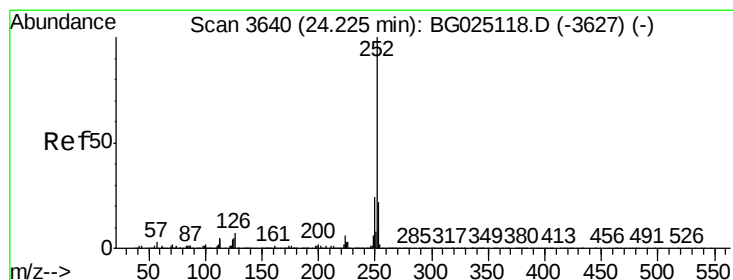
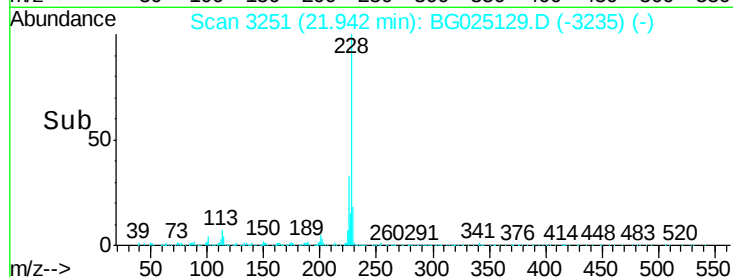
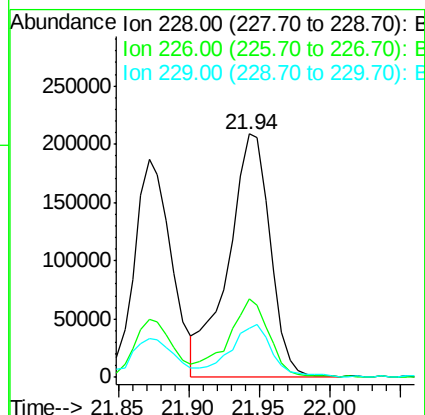
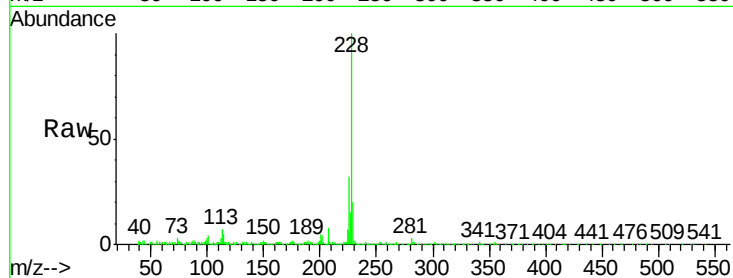
Tgt Ion:228 Resp: 429519

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

229 20.4 16.9 25.3



#85

Benzo(b)fluoranthene

Concen: 12.33 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

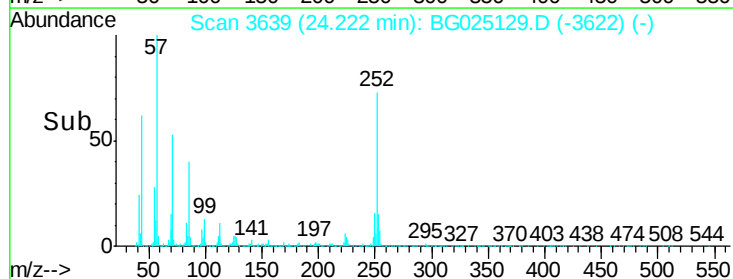
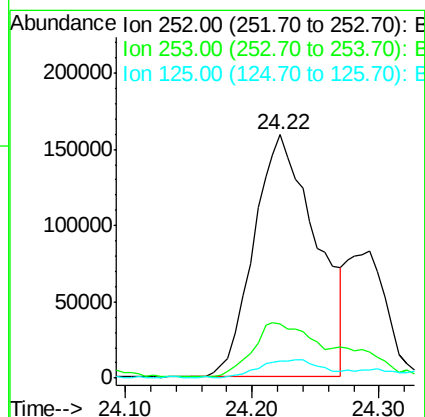
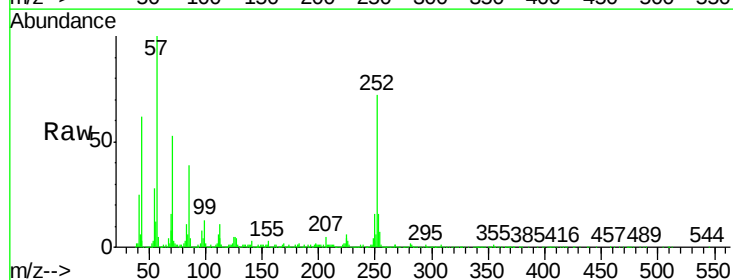
Tgt Ion:252 Resp: 541042

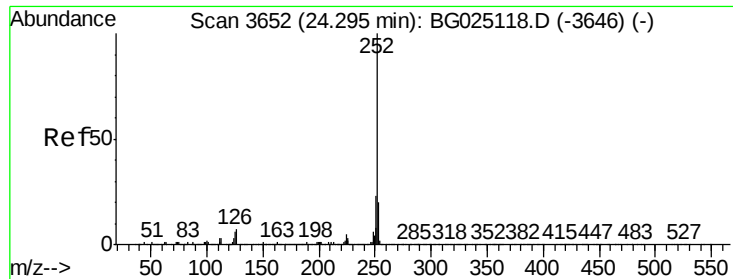
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.0 4.0 6.0#





#86

Benzo(k)fluoranthene

Concen: 6.26 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.07 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

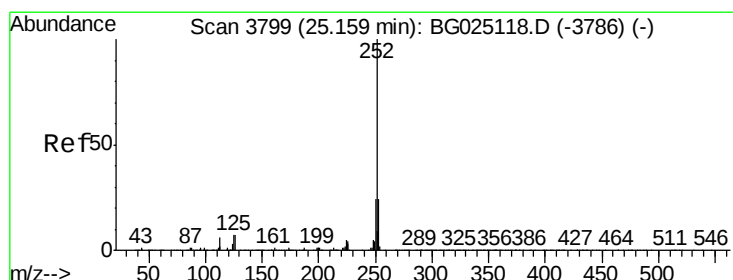
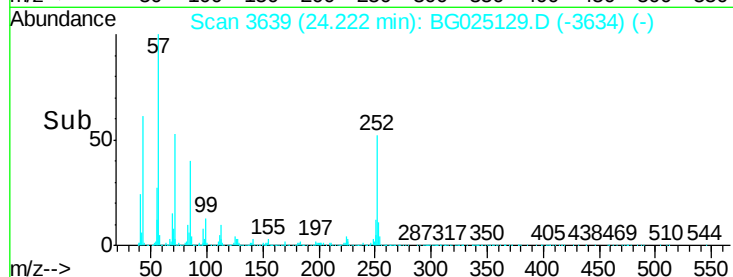
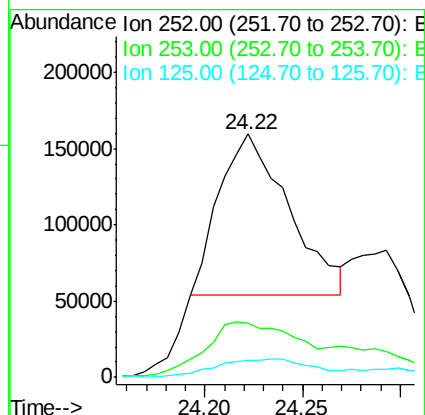
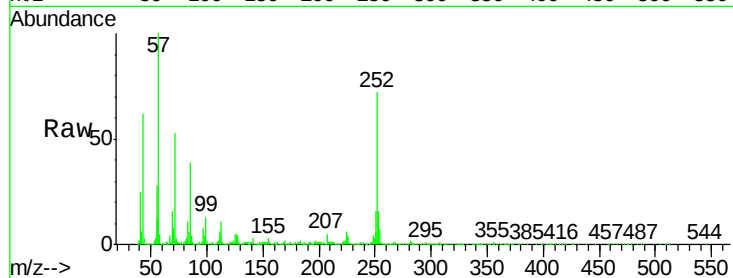
Instrument :

BNA_G

ClientSampleId :

BACKGROUND01-0106-03

Tgt Ion:	252	Resp:	261127
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.5	27.7
125	7.0	4.1	6.1#



#88

Benzo(a)pyrene

Concen: 7.60 ng/ul

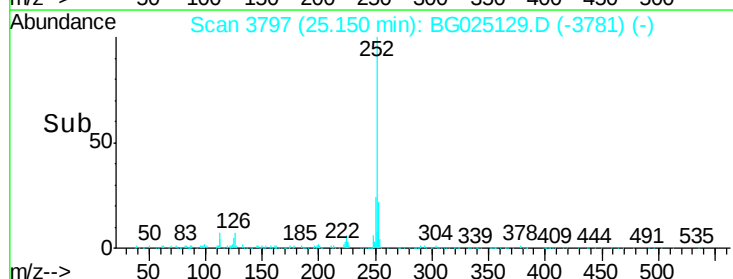
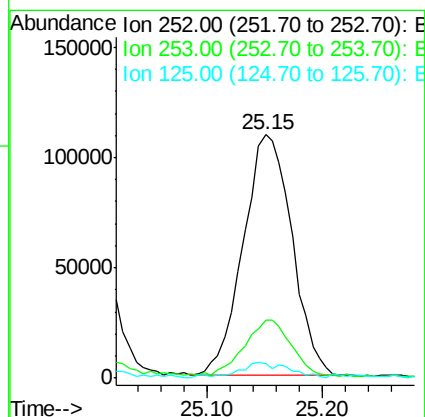
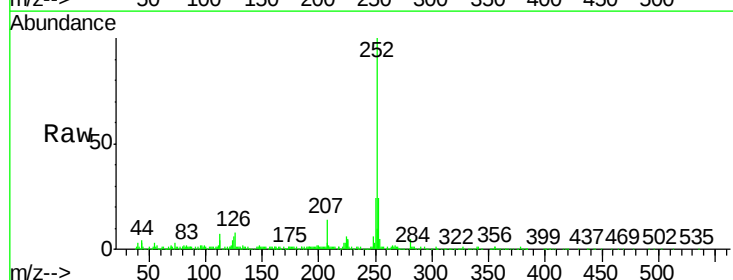
RT: 25.15 min Scan# 3797

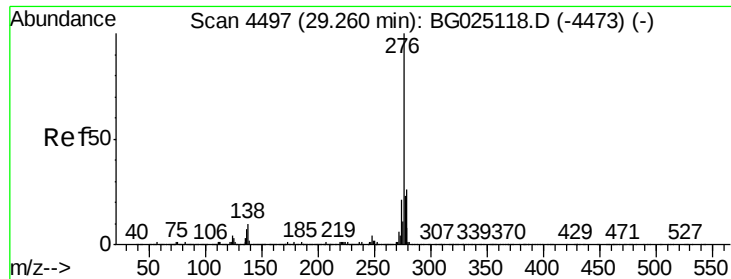
Delta R.T. -0.01 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

Tgt Ion:	252	Resp:	320673
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.6
125	5.8	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.61 ng/ul

RT: 29.24 min Scan# 4493

Delta R.T. -0.02 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

Instrument :

BNA_G

ClientSampleId :

BACKGROUND01-0106-03

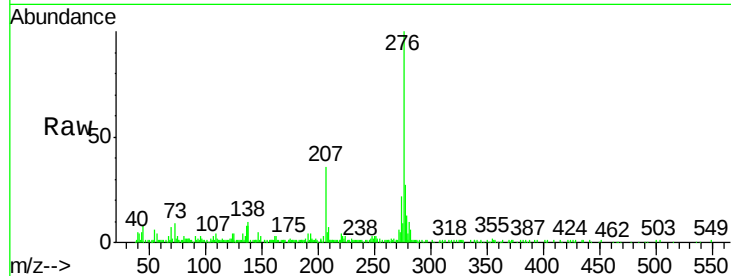
Tgt Ion:276 Resp: 241882

Ion Ratio Lower Upper

276 100

138 9.6 8.2 12.4

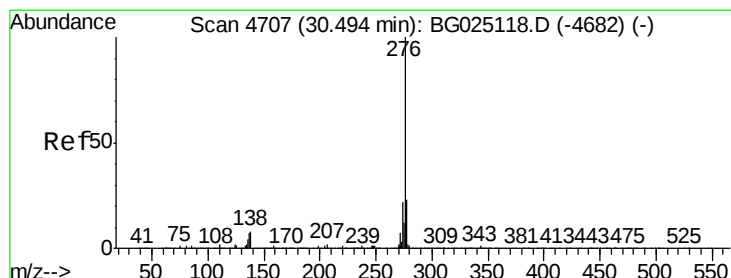
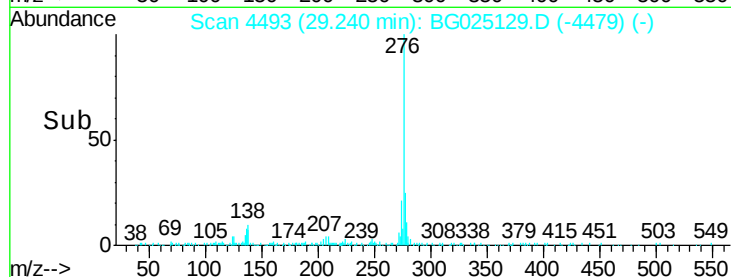
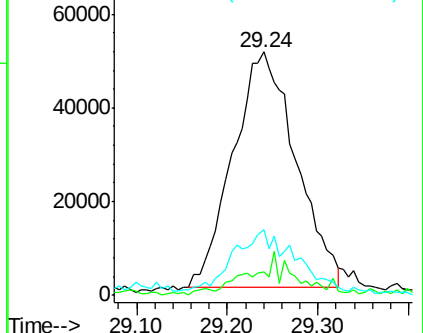
277 26.9 18.6 28.0



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: 4.18 ng/ul

RT: 30.48 min Scan# 4704

Delta R.T. -0.01 min

Lab File: BG025129.D

Acq: 13 Dec 2016 00:40

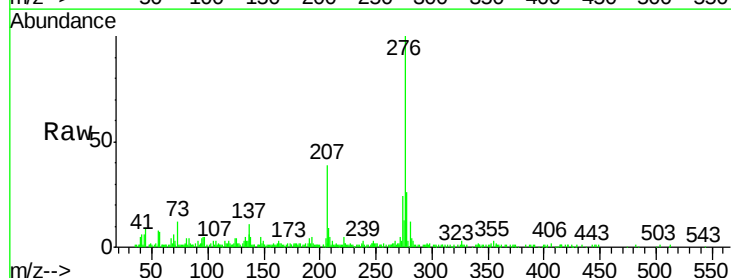
Tgt Ion:276 Resp: 182762

Ion Ratio Lower Upper

276 100

138 5.1 8.6 12.8#

277 25.7 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

