

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022733.D
 Acq On : 30 Jun 2016 19:01
 Operator : UM/SJ
 Sample : H3759-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN5

Quant Time: Jul 01 03:36:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration

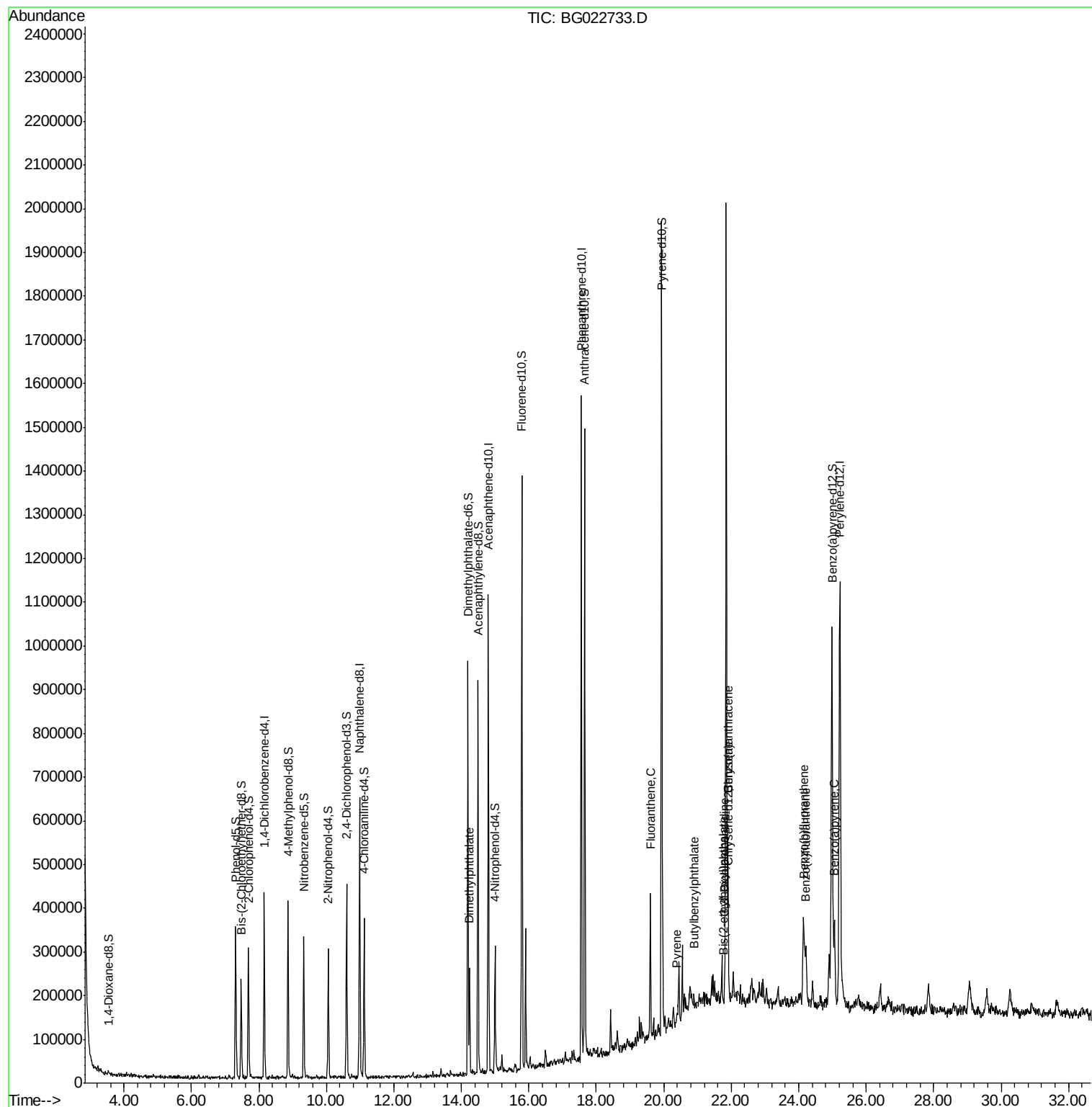
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	106699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	510226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	394463	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	976980	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	2666	20.00	ng/ul	0.06
83) Perylene-d12	25.22	264	1154681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	2396	1.25	ng/uL	0.00
5) Phenol-d5	7.31	99	202762	18.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	109227	17.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	126326	16.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	146789	16.84	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	65711	16.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	82080	16.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	165185	16.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	181273	20.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	622932	19.44	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	668927	18.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	66387	13.19	ng/ul	0.00
57) Fluorene-d10	15.79	176	573456	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	1557	0.25	ng/ul	0.03
70) Anthracene-d10	17.65	188	847210	18.66	ng/ul	0.00
76) Pyrene-d10	19.94	212	1049560	8240.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1014334	18.49	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	14.24	163	140220	4.29	ng/ul#	98
74) Fluoranthene	19.60	202	205139	3.94	ng/ul#	82
77) Pyrene	20.40	202	1024	6.86	ng/ul	96
78) Butylbenzylphthalate	20.89	149	256	4.42	ng/ul#	19
79) 3,3'-Dichlorobenzidine	21.81	252	469	9.29	ng/ul#	26
80) Benzo(a)anthracene	21.90	228	274452	1755.12	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.78	149	81	1.08	ng/ul#	16
82) Chrysene	21.90	228	273035	1918.14	ng/ul	95
85) Benzo(b)fluoranthene	24.15	252	313294	4.34	ng/ul#	91
86) Benzo(k)fluoranthene	24.21	252	107259	1.58	ng/ul#	88
88) Benzo(a)pyrene	25.06	252	225304	3.29	ng/ul#	90

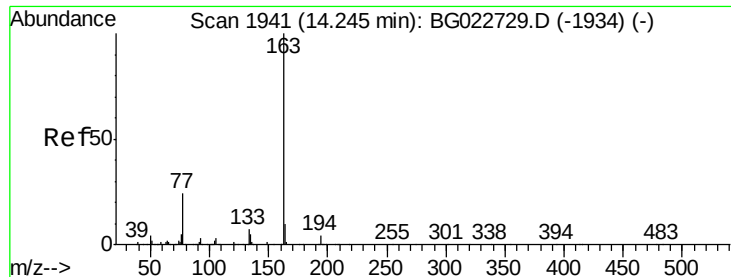
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.29 ng/ul

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022733.D

Acq: 30 Jun 2016 19:01

Instrument :

BNA_G

ClientSampleId :

BDHN5

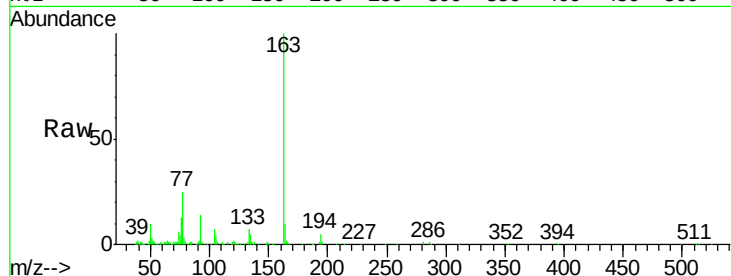
Tgt Ion:163 Resp: 140220

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

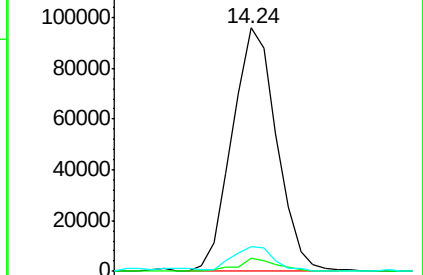
164 10.2 8.8 13.2



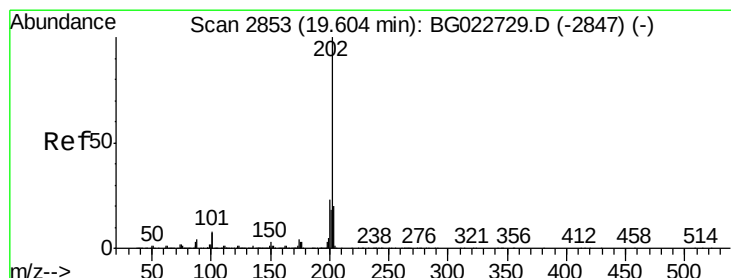
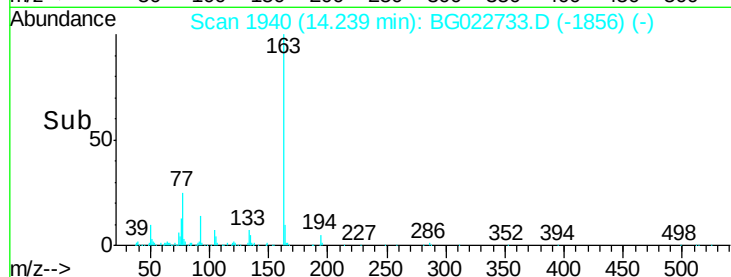
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#74

Fluoranthene

Concen: 3.94 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022733.D

Acq: 30 Jun 2016 19:01

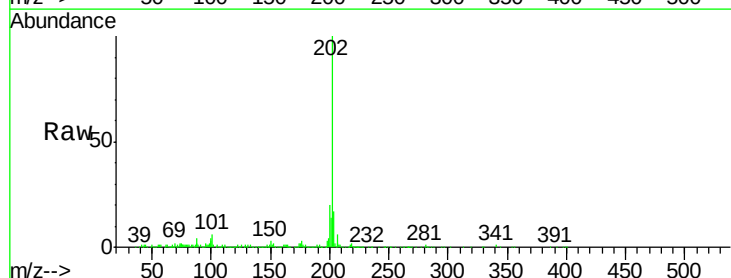
Tgt Ion:202 Resp: 205139

Ion Ratio Lower Upper

202 100

101 6.0 10.6 16.0#

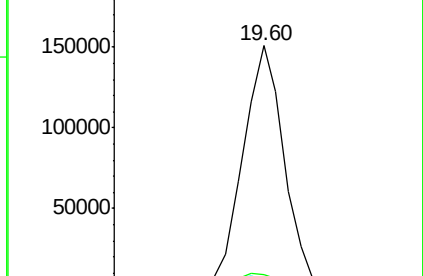
100 4.0 8.7 13.1#



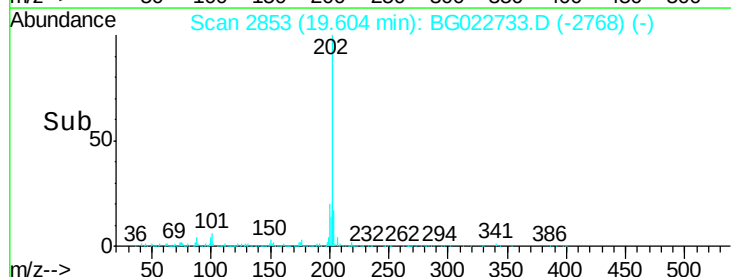
Abundance Ion 202.00 (201.70 to 202.70): E

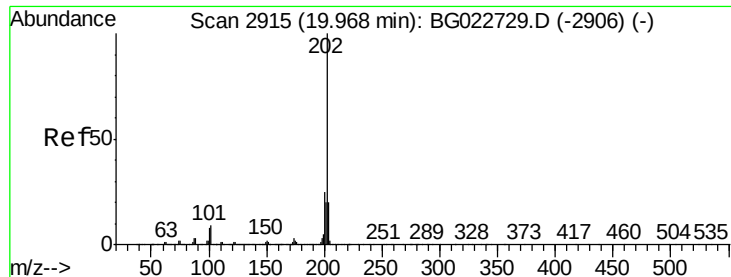
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pyrene

Concen: 6.86 ng/ul

RT: 20.40 min Scan# 2988

Delta R.T. 0.43 min

Lab File: BG022733.D

Acq: 30 Jun 2016 19:01

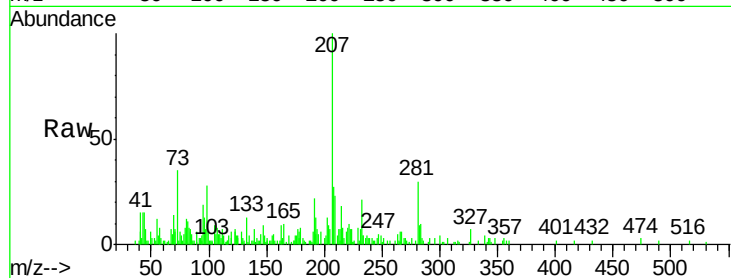
Instrument :

BNA_G

ClientSampled :

BDHN5

Tgt Ion:	202	Resp:	1024
Ion	Ratio	Lower	Upper
202	100		
101	17.8	12.5	18.7
100	12.2	10.2	15.4

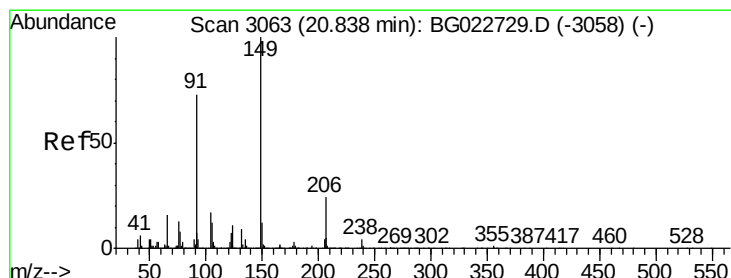
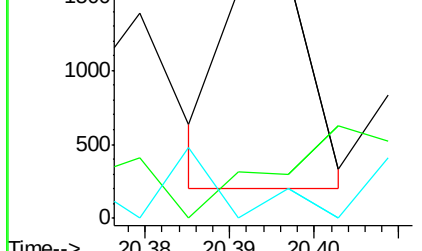
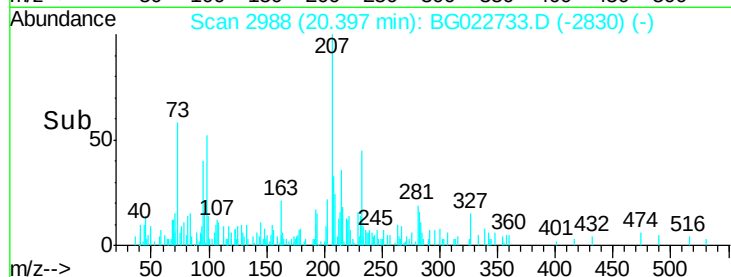


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#78

Butylbenzylphthalate

Concen: 4.42 ng/ul

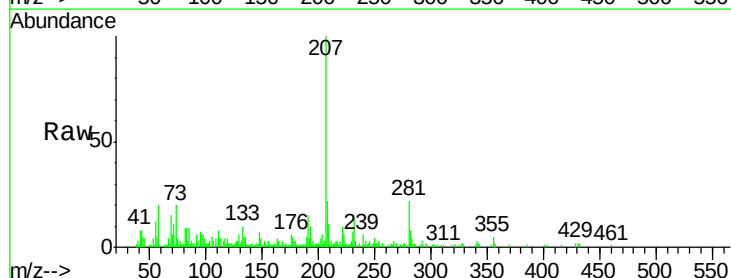
RT: 20.89 min Scan# 3072

Delta R.T. 0.05 min

Lab File: BG022733.D

Acq: 30 Jun 2016 19:01

Tgt Ion:	149	Resp:	256
Ion	Ratio	Lower	Upper
149	100		
91	141.5	54.2	81.4#
206	0.0	14.1	21.1#

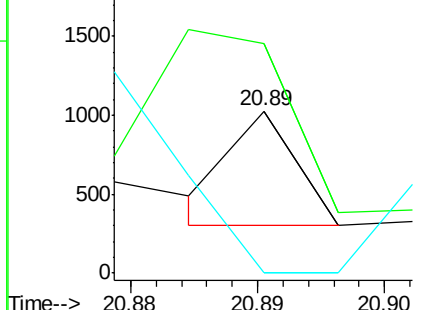
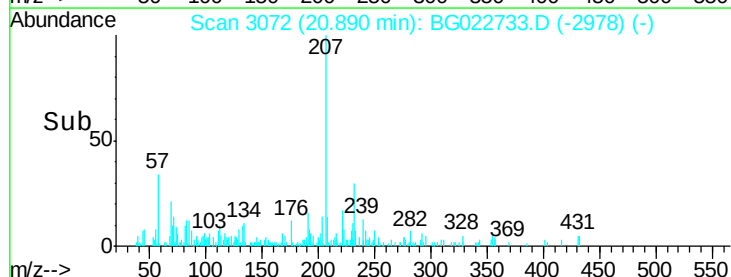


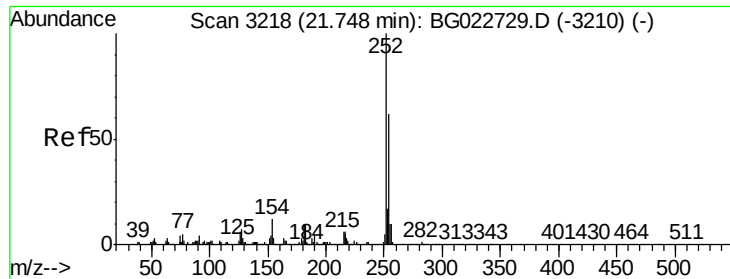
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

Time-->

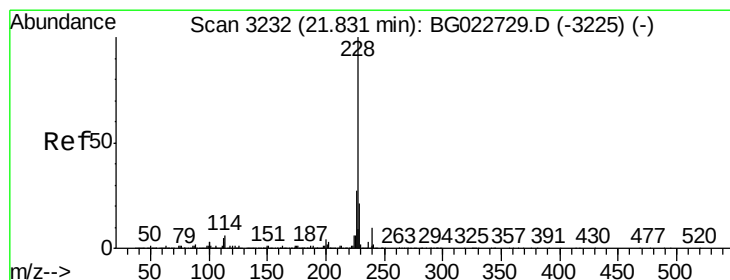
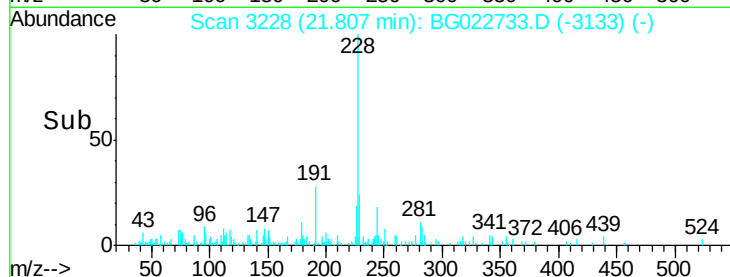
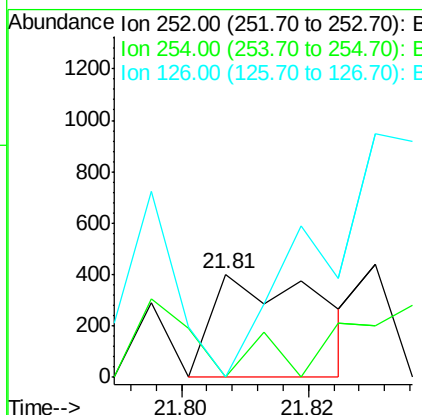
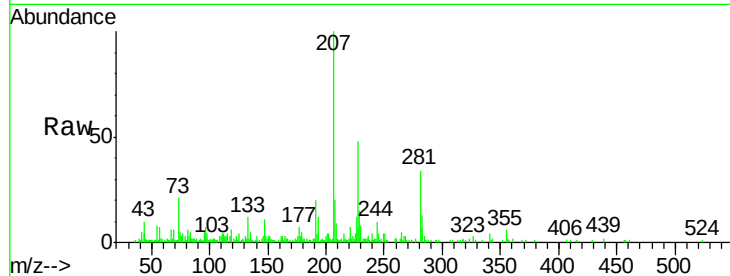




#79
 3,3'-Dichlorobenzidine
 Concen: 9.29 ng/ul
 RT: 21.81 min Scan# 3228
 Delta R.T. 0.06 min
 Lab File: BG022733.D
 Acq: 30 Jun 2016 19:01

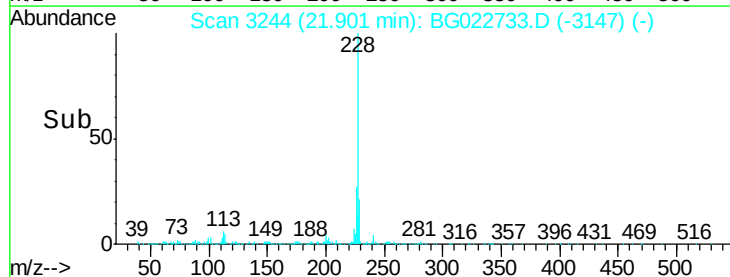
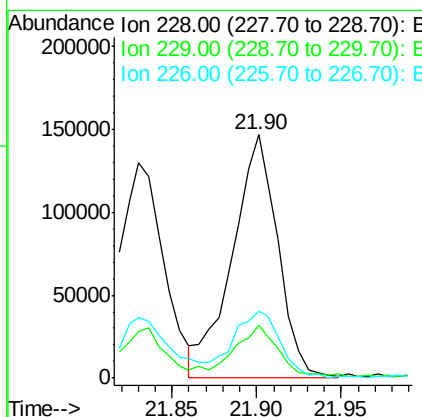
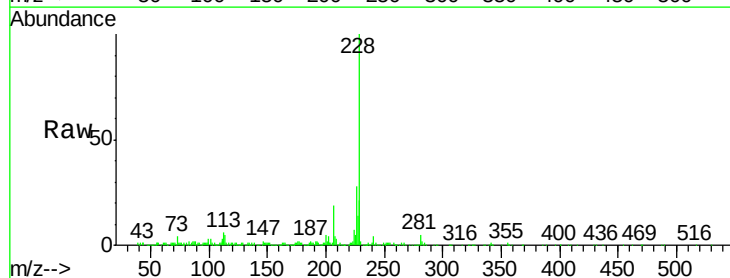
Instrument :
 BNA_G
 ClientSampleId :
 BDHN5

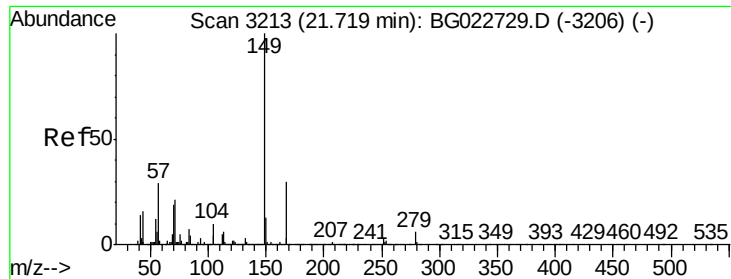
Tgt Ion:252 Resp: 469
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.2#
 126 0.0 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 1755.12 ng/ul
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.07 min
 Lab File: BG022733.D
 Acq: 30 Jun 2016 19:01

Tgt Ion:228 Resp: 274452
 Ion Ratio Lower Upper
 228 100
 229 21.5 15.4 23.2
 226 27.7 22.8 34.2





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.08 ng/ul

RT: 21.78 min Scan# 3223

Delta R.T. 0.06 min

Lab File: BG022733.D

Acq: 30 Jun 2016 19:01

Instrument :

BNA_G

ClientSampleId :

BDHN5

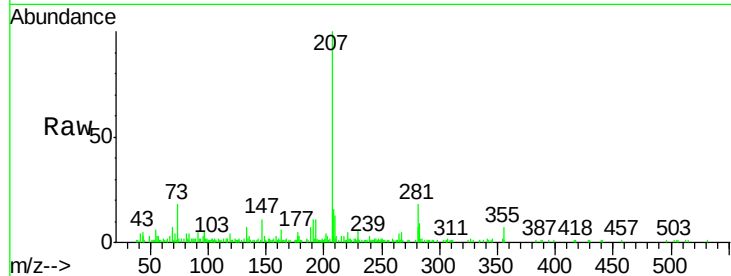
Tgt Ion:149 Resp: 81

Ion Ratio Lower Upper

149 100

167 72.1 21.9 32.9#

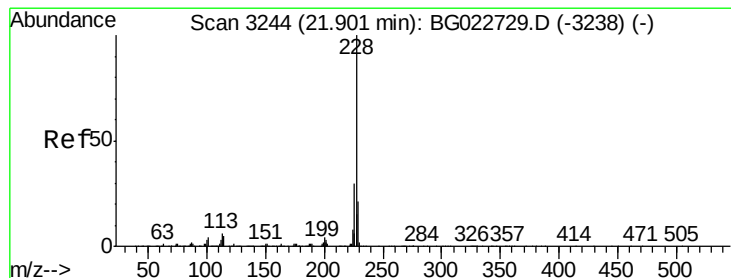
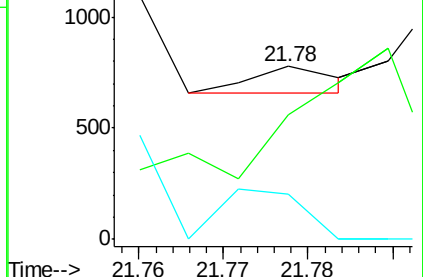
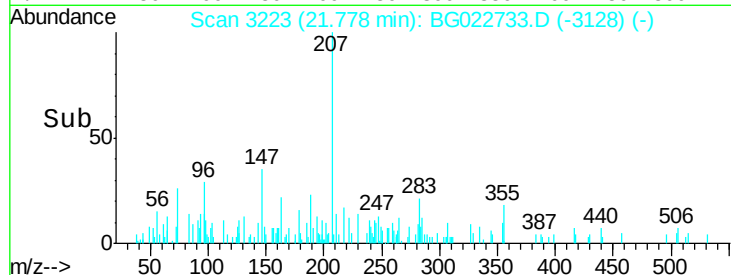
279 26.1 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 1918.14 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG022733.D

Acq: 30 Jun 2016 19:01

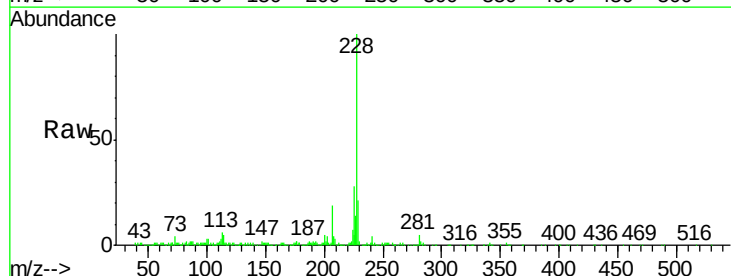
Tgt Ion:228 Resp: 273035

Ion Ratio Lower Upper

228 100

226 27.7 24.2 36.4

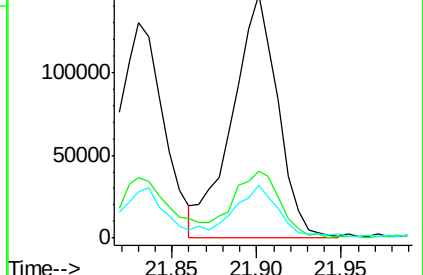
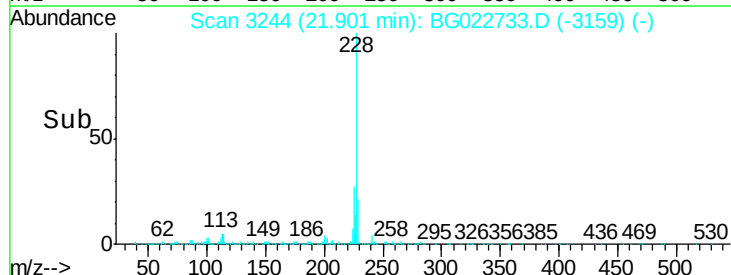
229 21.5 15.0 22.6

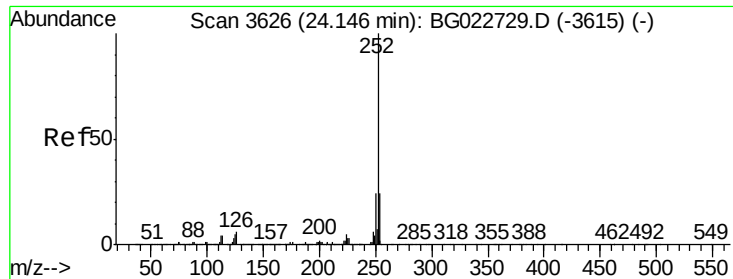


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

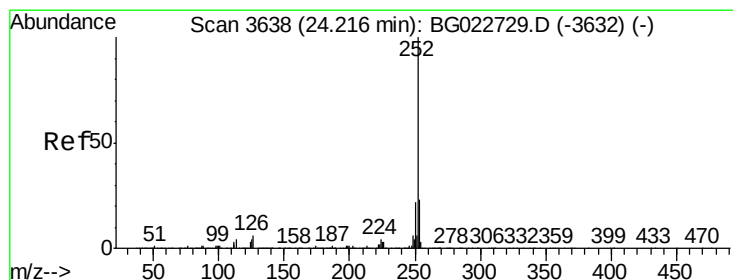
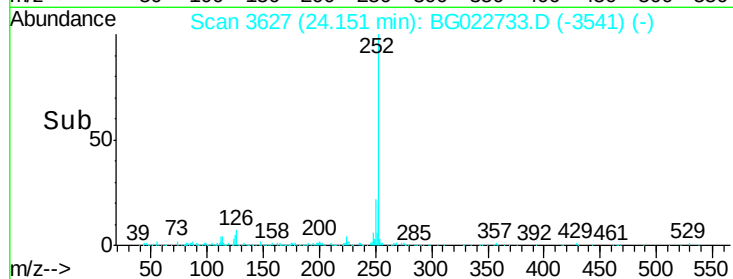
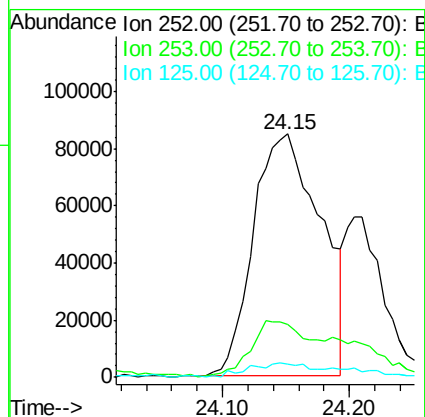
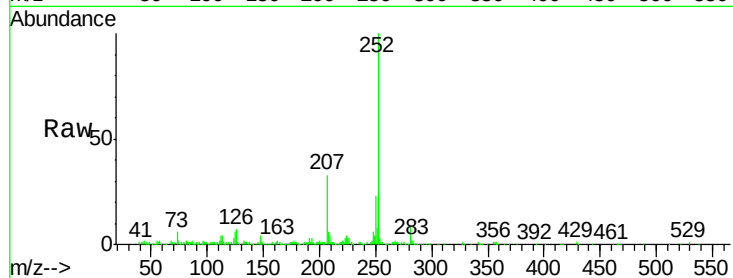




#85
Benzo(b)fluoranthene
Concen: 4.34 ng/ul
RT: 24.15 min Scan# 3627
Delta R.T. 0.01 min
Lab File: BG022733.D
Acq: 30 Jun 2016 19:01

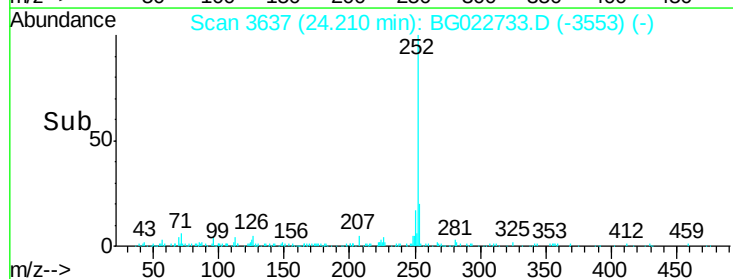
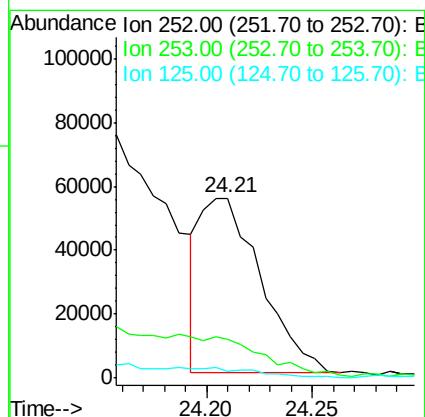
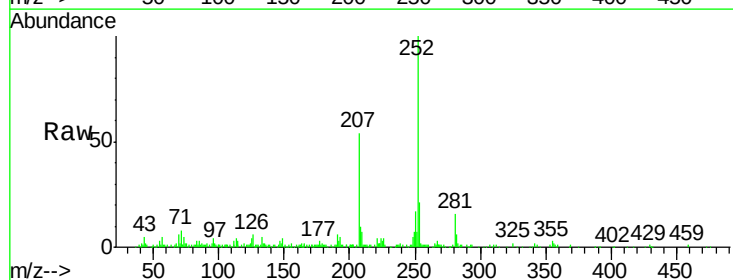
Instrument :
BNA_G
ClientSampleId :
BDHN5

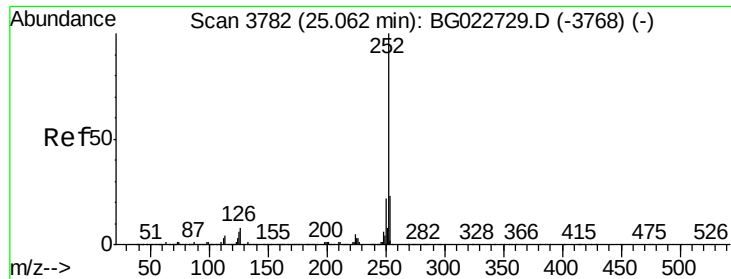
Tgt Ion:252 Resp: 313294
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 5.6 10.8 16.2#



#86
Benzo(k)fluoranthene
Concen: 1.58 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. -0.01 min
Lab File: BG022733.D
Acq: 30 Jun 2016 19:01

Tgt Ion:252 Resp: 107259
Ion Ratio Lower Upper
252 100
253 21.2 15.8 23.6
125 3.7 10.6 16.0#





#88

Benzo(a)pyrene

Concen: 3.29 ng/ul

RT: 25.06 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022733.D

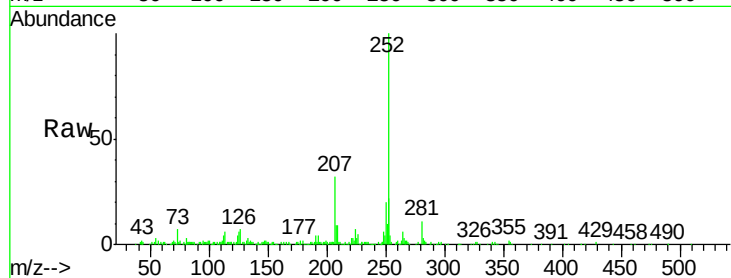
Acq: 30 Jun 2016 19:01

Instrument :

BNA_G

ClientSampleId :

BDHN5



Tgt Ion:	252	Resp:	225304
Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.4
125	6.4	12.0	18.0#

