

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023557.D
 Acq On : 9 Aug 2016 15:30
 Operator : UM/SJ
 Sample : H4362-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01

Quant Time: Aug 10 05:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	134893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	661108	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	501869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1197246	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1168499	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1168218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7479	2.36	ng/uL	0.00
5) Phenol-d5	7.29	99	290794	21.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	212663	24.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	214313	23.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	204647	19.29	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	121166	23.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	140038	23.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	252510	22.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	284816	21.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	953680	23.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1079061	23.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	147598	21.04	ng/ul	0.00
57) Fluorene-d10	15.78	176	886328	23.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	172922	22.51	ng/ul	0.00
70) Anthracene-d10	17.65	188	1349122	25.01	ng/ul	0.00
76) Pyrene-d10	19.94	212	1488921	25.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1381271	26.12	ng/ul	0.00

Target Compounds

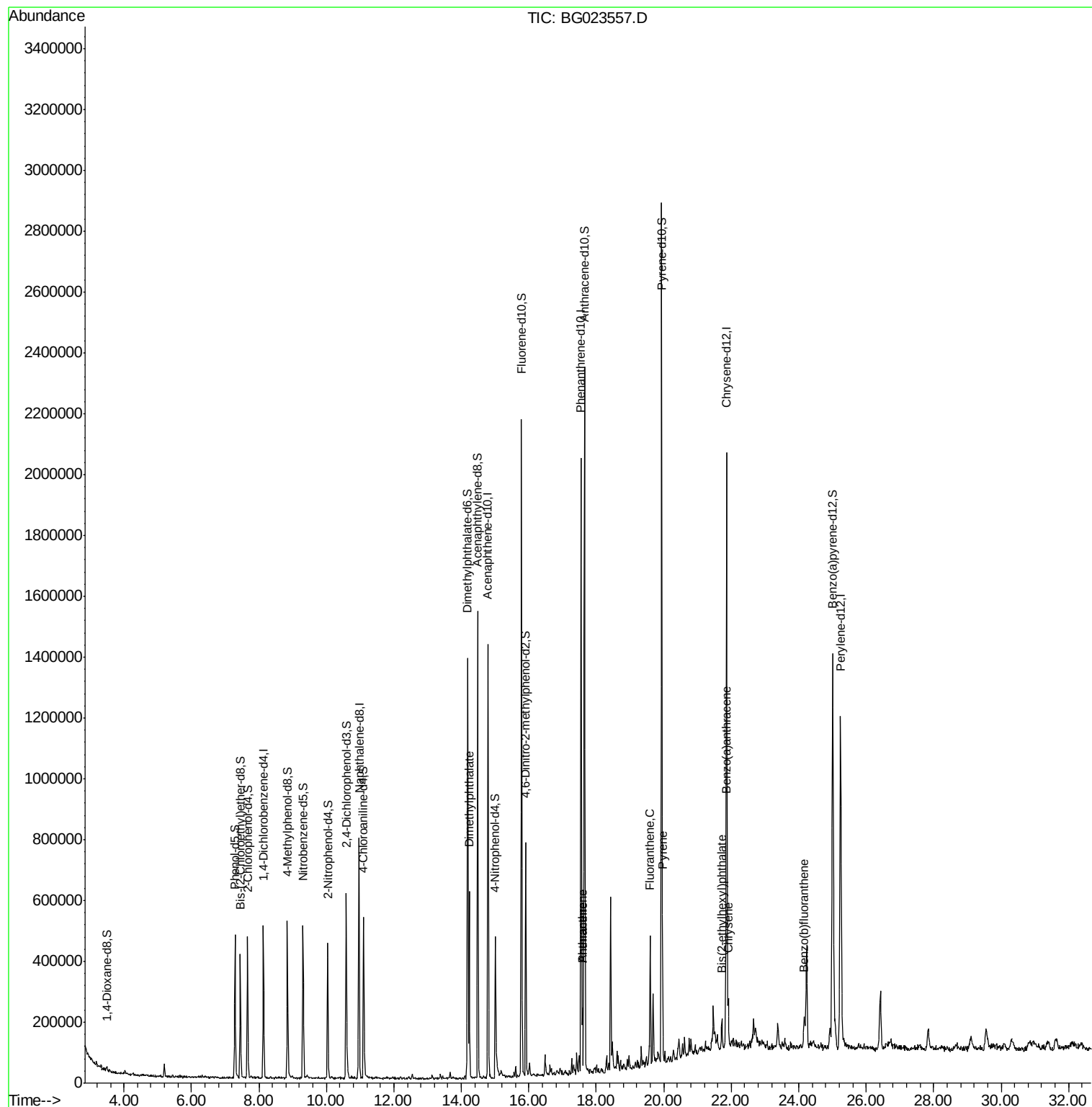
						Qvalue
44) Dimethylphthalate	14.24	163	380087	9.34	ng/ul	99
69) Phenanthrene	17.59	178	123589	1.99	ng/ul	98
71) Anthracene	17.59	178	123468	1.95	ng/ul	99
74) Fluoranthene	19.60	202	242285	3.82	ng/ul#	91
77) Pyrene	19.96	202	241445	3.34	ng/ul#	90
80) Benzo(a)anthracene	21.84	228	97265	1.48	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	41075	1.11	ng/ul	100
82) Chrysene	21.91	228	112536	1.88	ng/ul	98
85) Benzo(b)fluoranthene	24.17	252	141319	2.13	ng/ul#	94

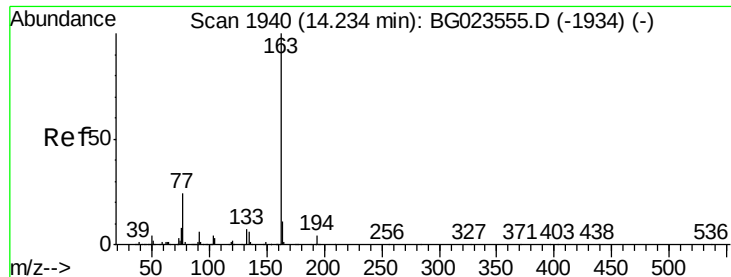
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 9.34 ng/ul

RT: 14.24 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01

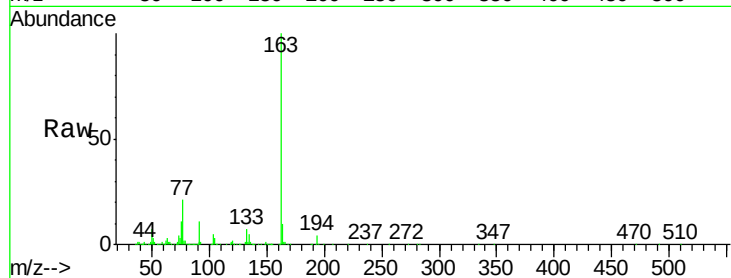
Tgt Ion:163 Resp: 380087

Ion Ratio Lower Upper

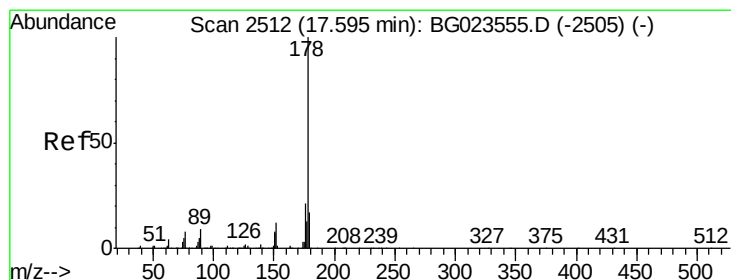
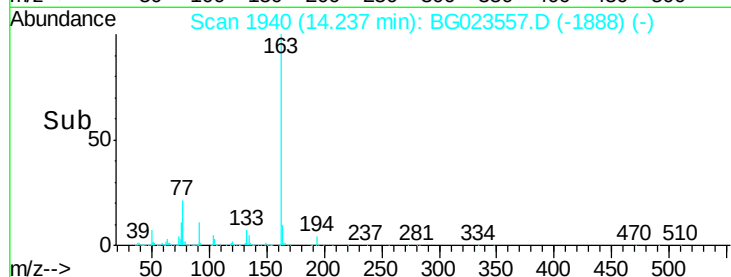
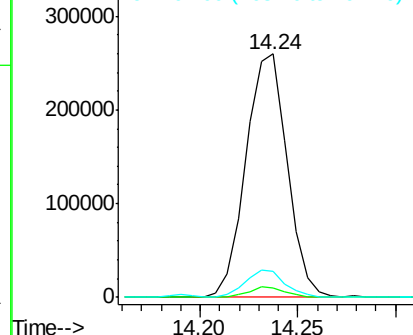
163 100

194 4.0 3.4 5.2

164 10.4 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: 1.99 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

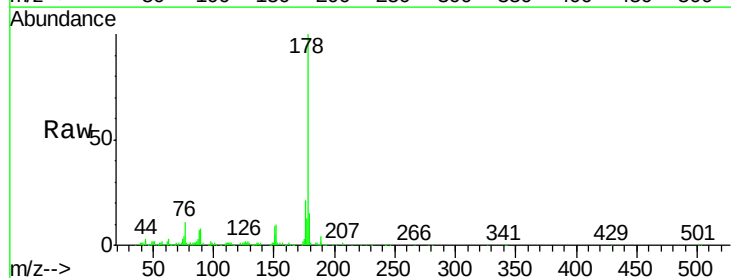
Tgt Ion:178 Resp: 123589

Ion Ratio Lower Upper

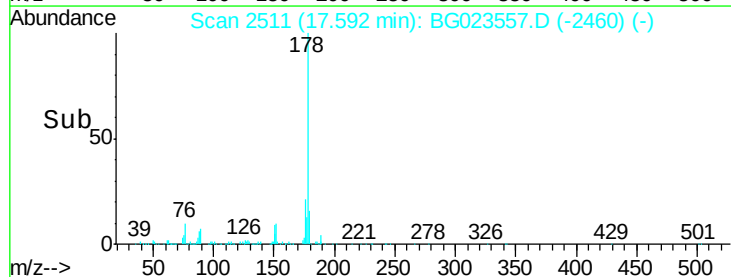
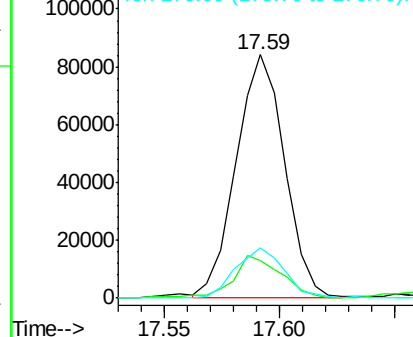
178 100

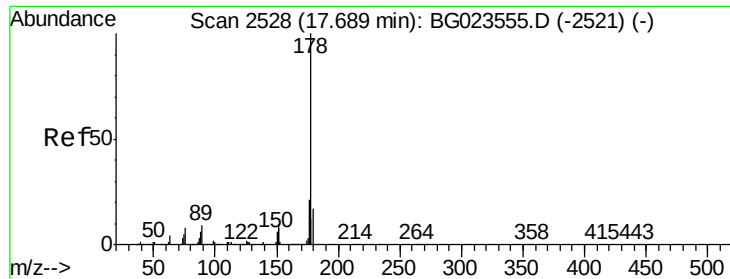
179 15.5 12.9 19.3

176 20.9 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





#71

Anthracene

Concen: 1.95 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.10 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01

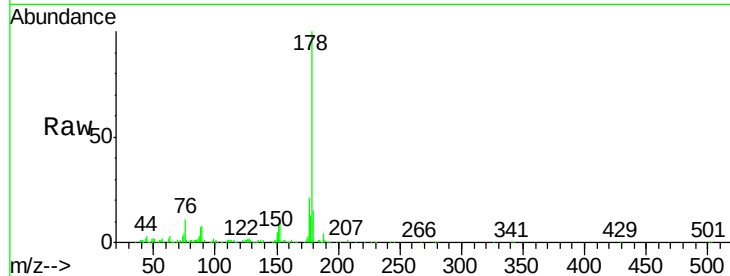
Tgt Ion:178 Resp: 123468

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

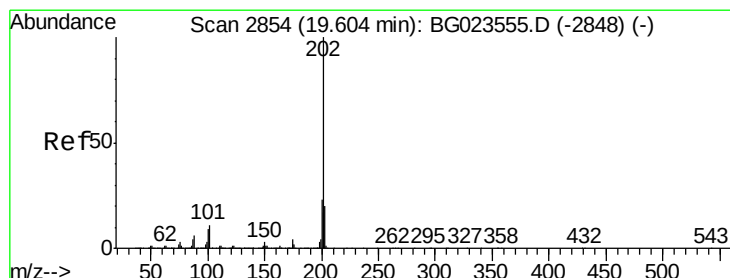
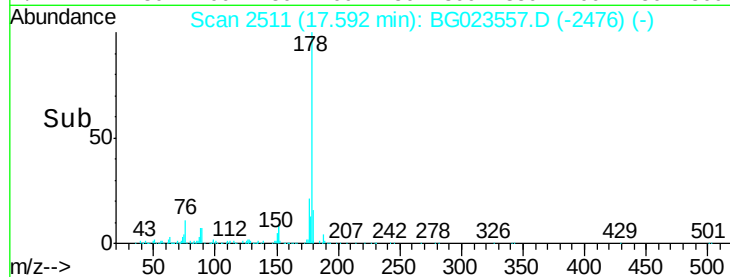
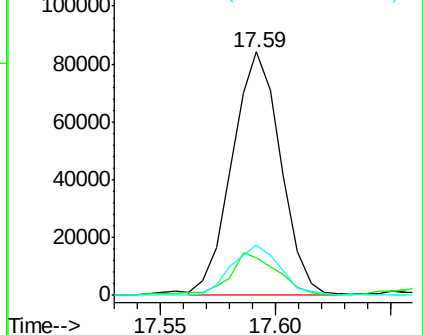
176 20.9 16.3 24.5



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: 3.82 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

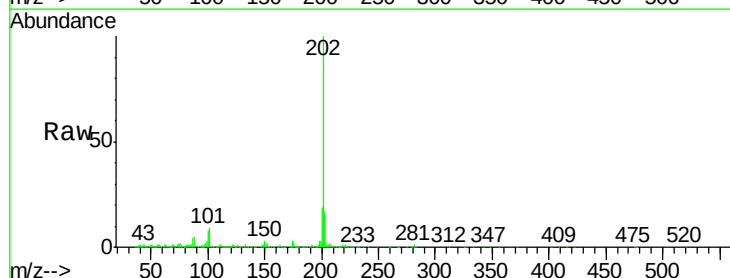
Tgt Ion:202 Resp: 242285

Ion Ratio Lower Upper

202 100

101 8.9 10.6 16.0#

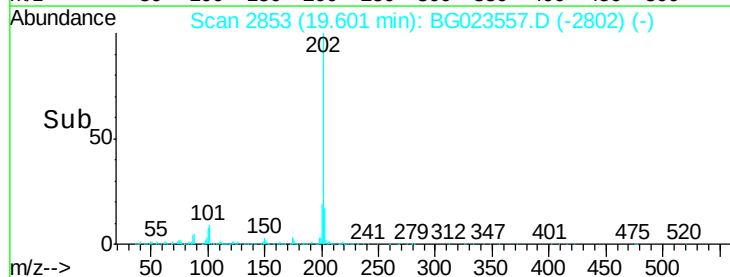
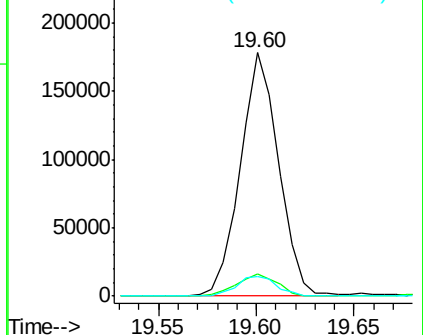
100 8.1 8.7 13.1#

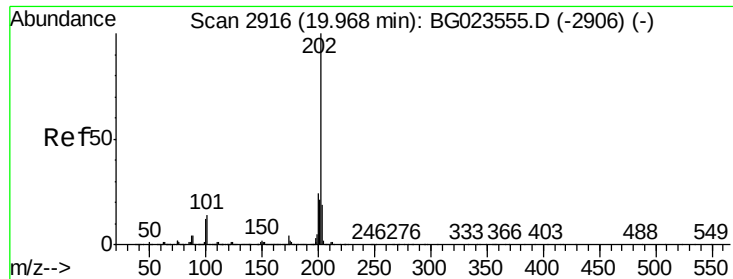


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.34 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

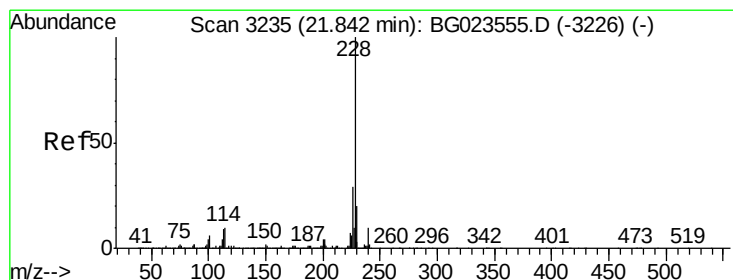
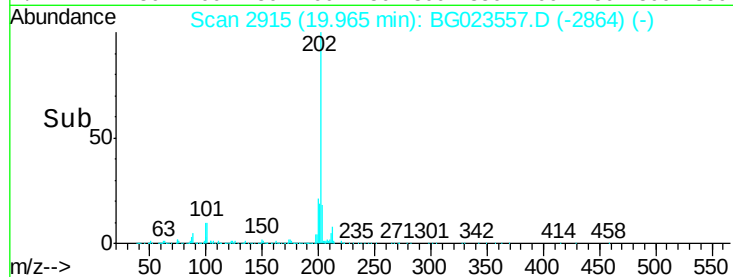
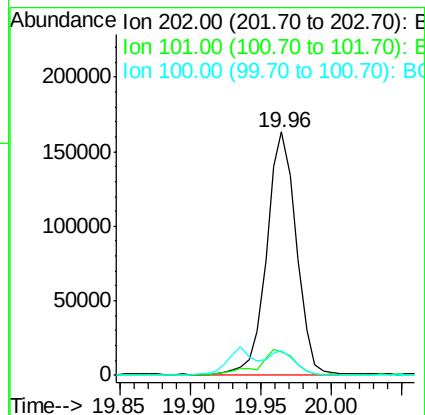
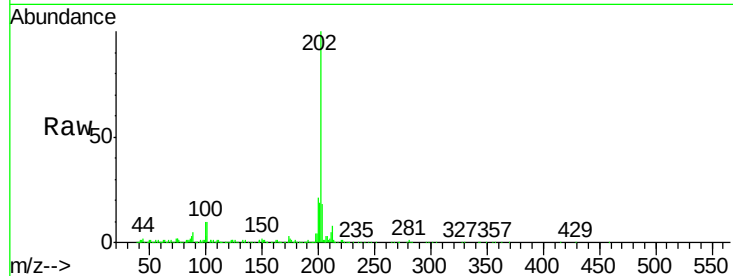
Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01

Tgt Ion:	202	Resp:	241445
Ion Ratio	Lower	Upper	
202	100		
101	9.8	12.5	18.7#
100	10.3	10.2	15.4



#80

Benzo(a)anthracene

Concen: 1.48 ng/ul

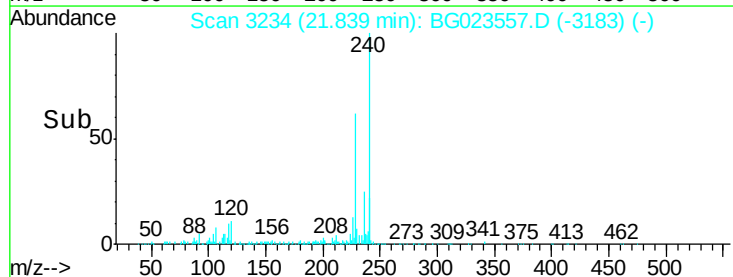
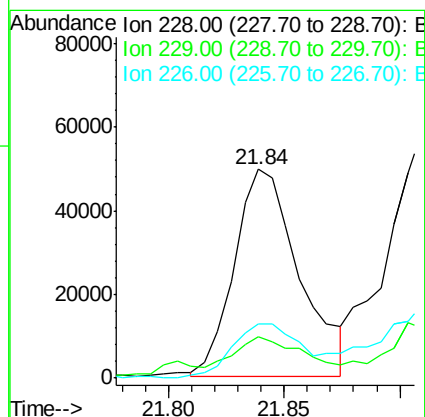
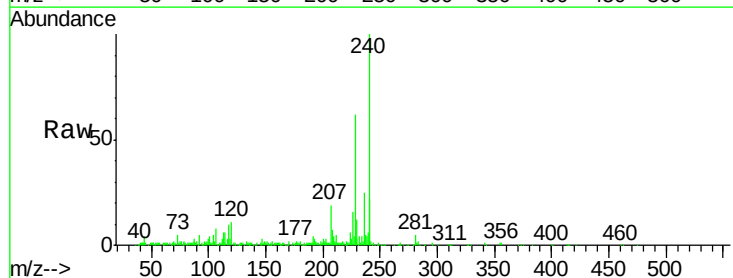
RT: 21.84 min Scan# 3234

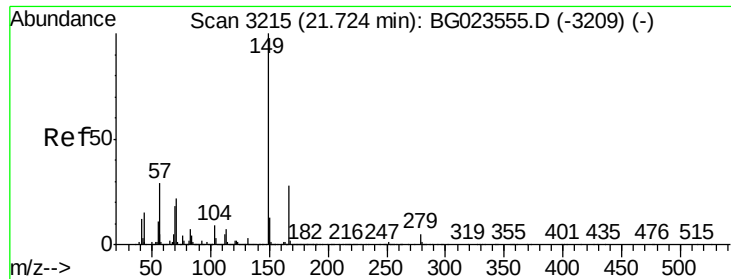
Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Tgt Ion:	228	Resp:	97265
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.4	23.2
226	25.9	22.8	34.2





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.11 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01

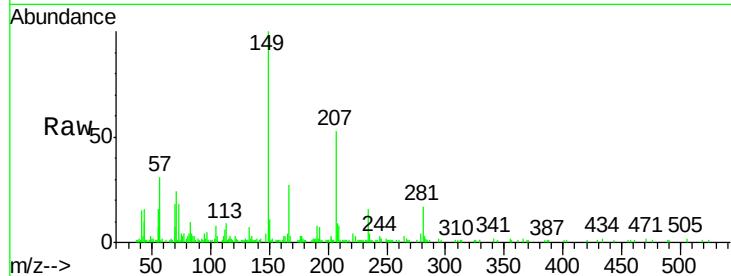
Tgt Ion:149 Resp: 41075

Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

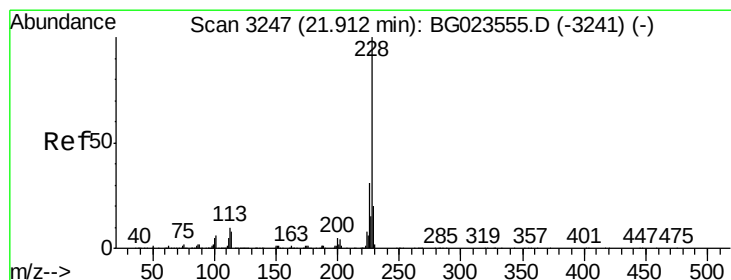
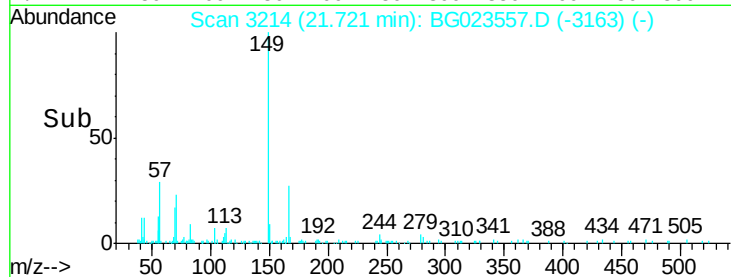
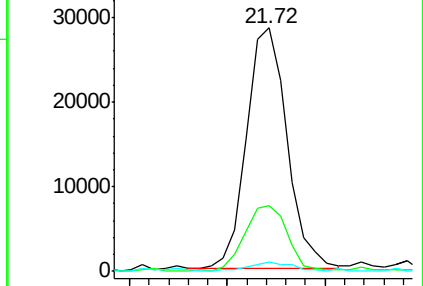
279 3.6 2.9 4.3



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: 1.88 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

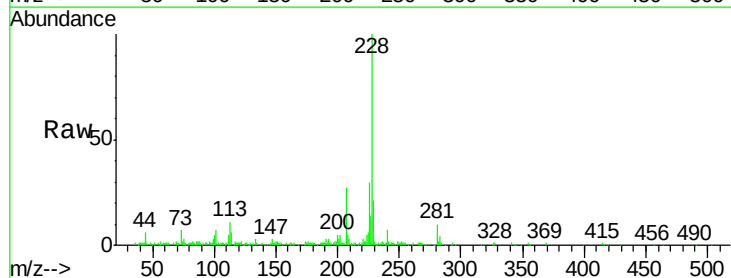
Tgt Ion:228 Resp: 112536

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

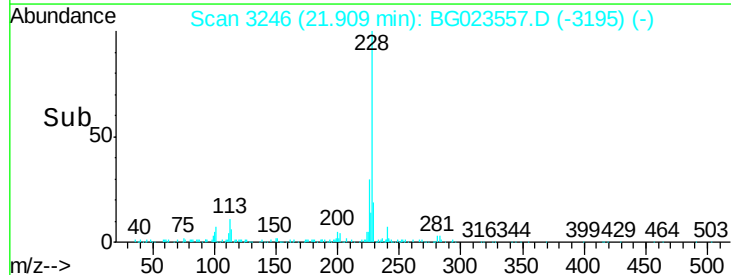
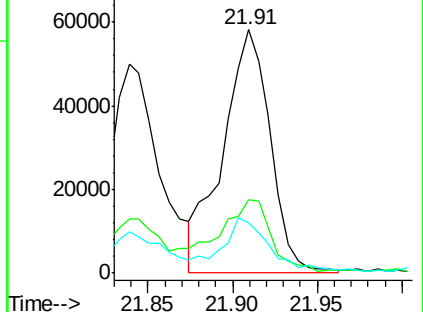
229 20.8 15.0 22.6

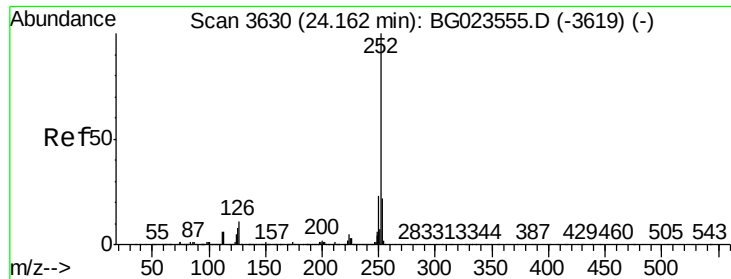


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.13 ng/ul

RT: 24.17 min Scan# 3631

Delta R.T. 0.01 min

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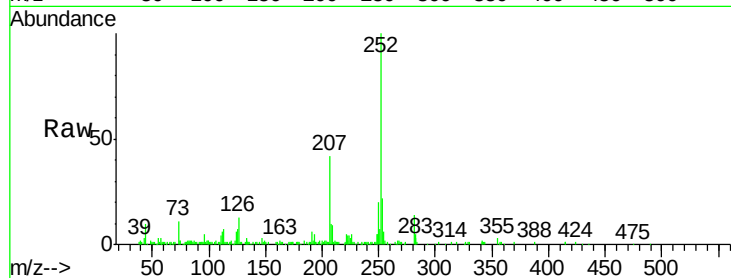
Tgt Ion: 252 Resp: 141319

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 7.3 10.8 16.2#



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

