

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
 Data File : BG016207.D
 Acq On : 31 Mar 2015 19:29
 Operator : TP/IZ
 Sample : G1647-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 01 05:32:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 04:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	92517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	409177	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	233071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	462282	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	425945	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	418205	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.94	99	245948	29.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	149827	30.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	192158	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	178219	26.97	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	108897	31.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	116855	30.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	173201	27.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	216833	25.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	496239	32.21	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	669023	30.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	109636	28.23	ng/ul	0.00
57) Fluorene-d10	15.39	176	459219	30.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	78739	24.93	ng/ul	0.00
70) Anthracene-d10	17.24	188	632847	29.79	ng/ul	0.00
76) Pyrene-d10	19.53	212	629524	32.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	533658	28.28	ng/ul	0.01

Target Compounds

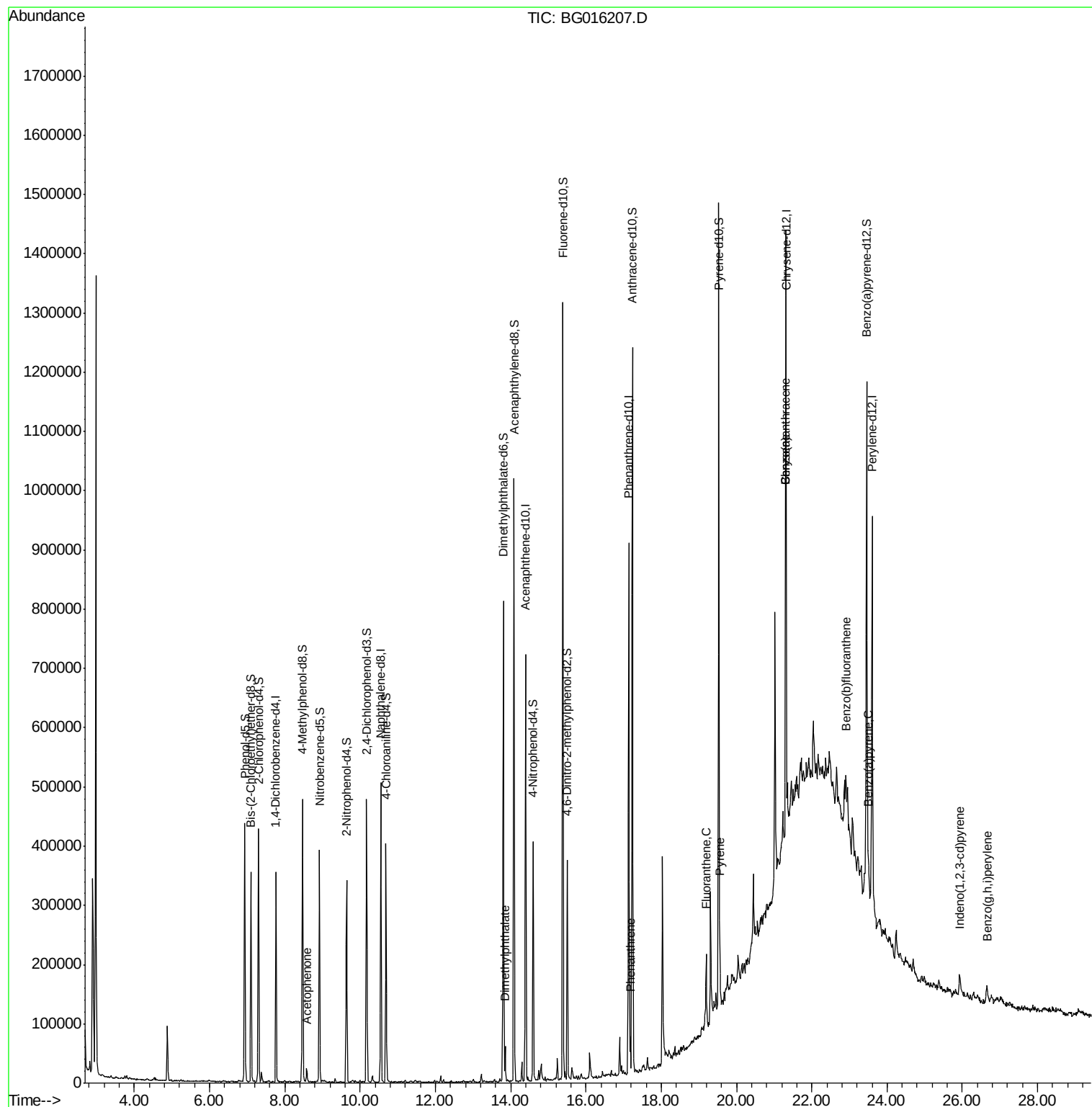
						Ovalue
14) Acetophenone	8.59	105	11536	1.16	ng/ul	94
44) Dimethylphthalate	13.85	163	34395	1.99	ng/ul	98
69) Phenanthrene	17.18	178	33205	1.27	ng/ul	98
74) Fluoranthene	19.19	202	65574	2.25	ng/ul	99
77) Pyrene	19.56	202	68348	2.59	ng/ul	97
80) Benzo(a)anthracene	21.30	228	35756	1.45	ng/ul	97
82) Chrysene	21.30	228	35783	1.56	ng/ul	97
85) Benzo(b)fluoranthene	22.91	252	65902	2.64	ng/ul#	81
88) Benzo(a)pyrene	23.50	252	46641	1.96	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.93	276	34559	1.24	ng/ul	94
91) Benzo(g,h,i)perylene	26.65	276	30074	1.32	ng/ul	96

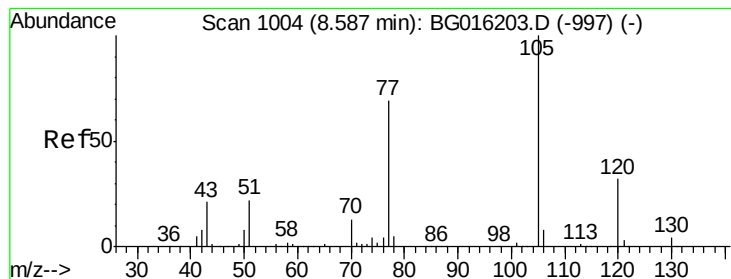
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.16 ng/ul

RT: 8.59 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

Instrument :

BNA_G

ClientSampled :

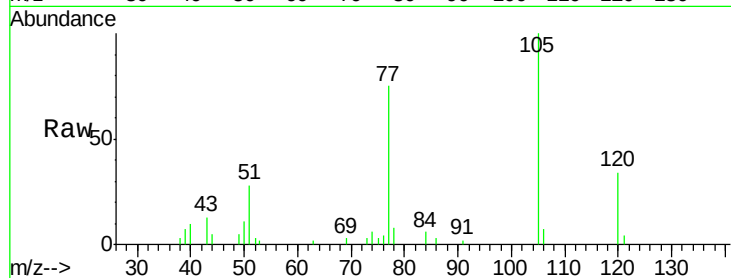
Tot Ion:105 Resp: 11536

Ion Ratio Lower Upper

105 100

77 74.7 64.6 97.0

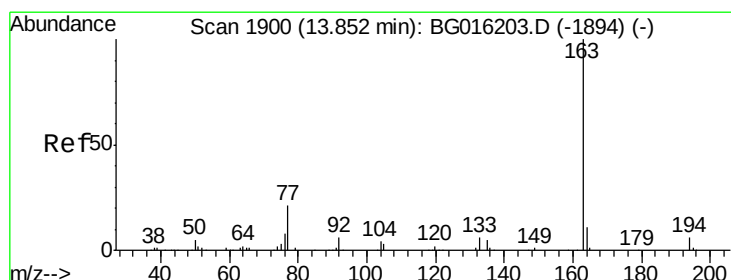
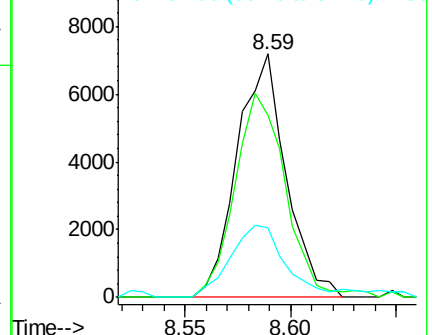
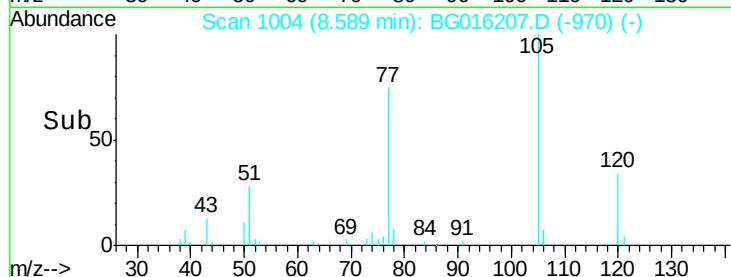
51 28.5 21.6 32.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#44

Dimethylphthalate

Concen: 1.99 ng/ul

RT: 13.85 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

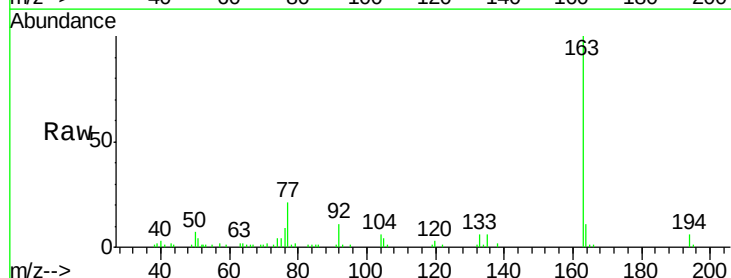
Tgt Ion:163 Resp: 34395

Ion Ratio Lower Upper

163 100

194 5.9 4.8 7.2

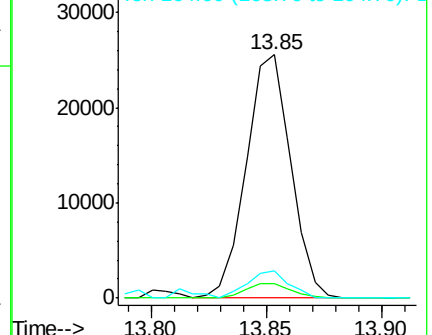
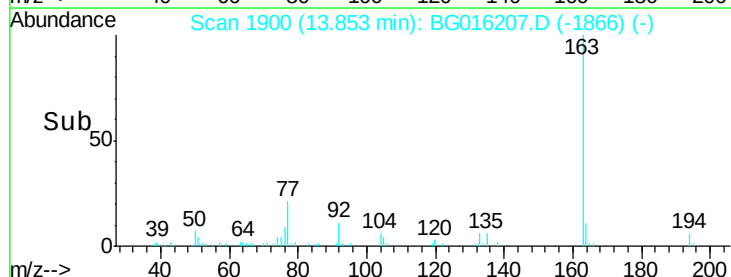
164 11.1 8.2 12.2

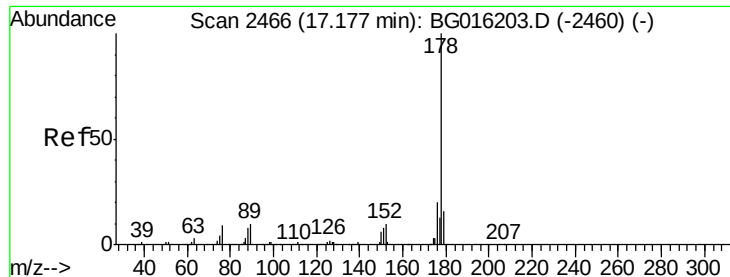


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.27 ng/ul

RT: 17.18 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

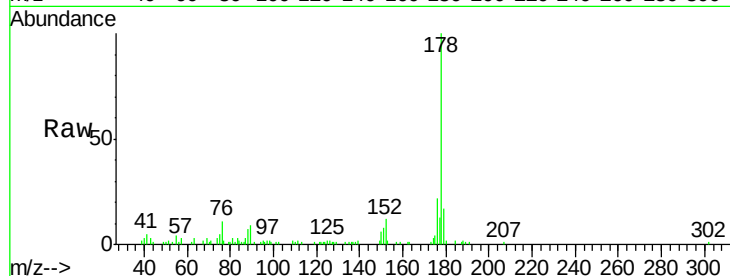
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 33205

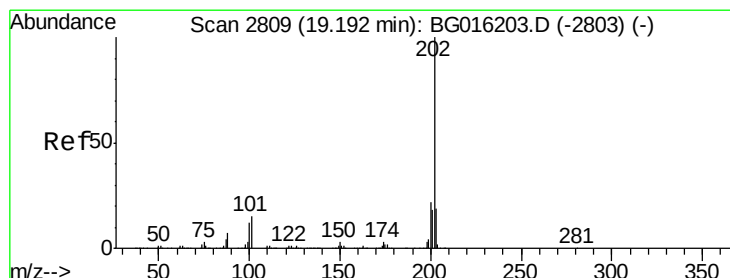
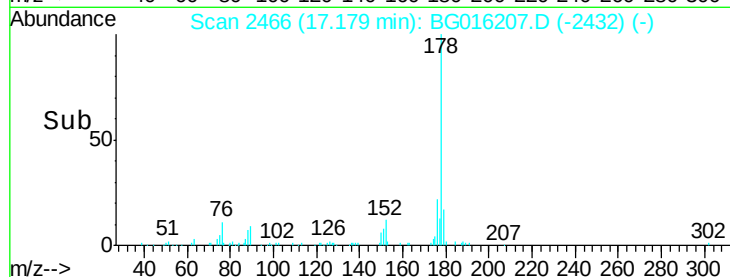
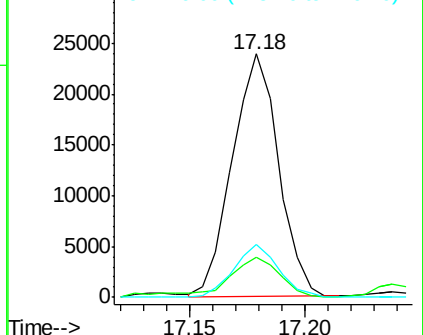
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	21.6	16.6	24.8



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: 2.25 ng/ul

RT: 19.19 min Scan# 2809

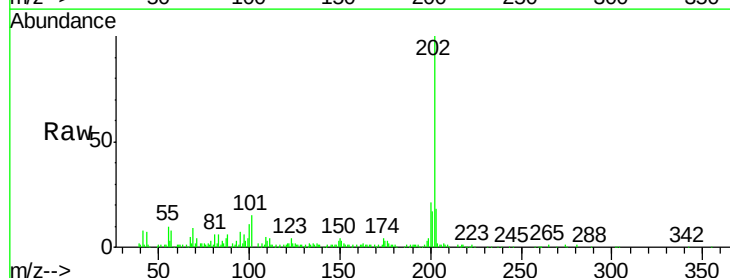
Delta R.T. 0.00 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

Tgt Ion:202 Resp: 65574

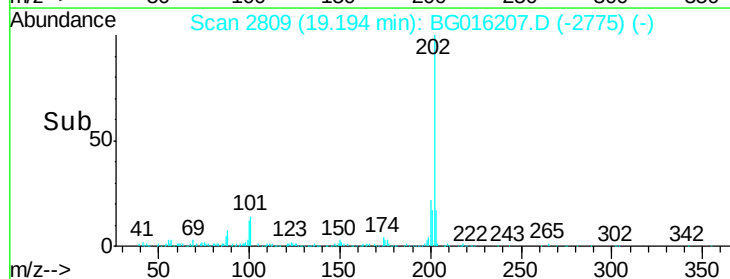
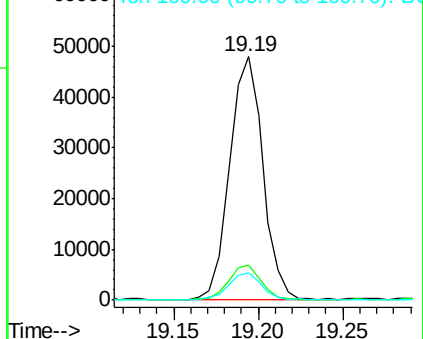
Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.8	17.8
100	11.4	9.4	14.0

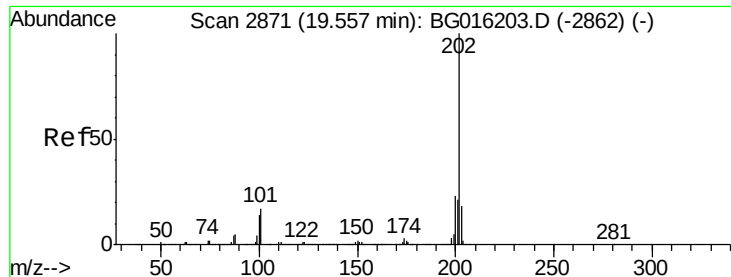


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.59 ng/ul

RT: 19.56 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

Instrument :

BNA_G

ClientSampleId :

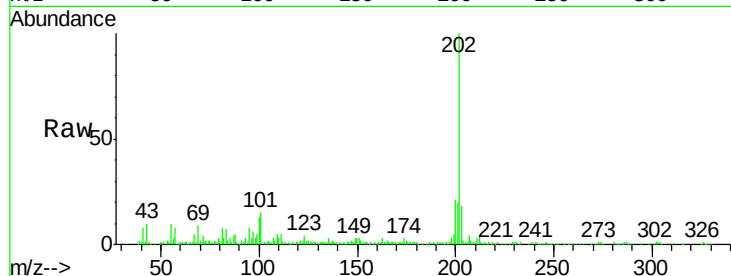
Tot Ion:202 Resp: 68348

Ion Ratio Lower Upper

202 100

101 15.3 13.4 20.0

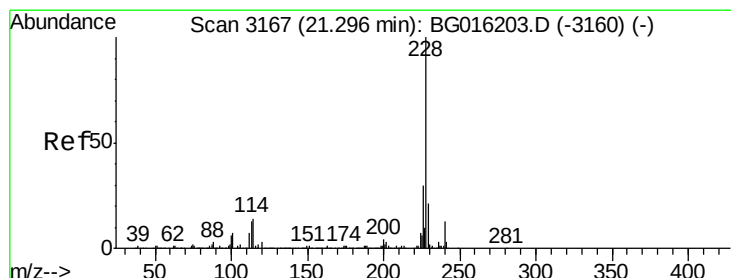
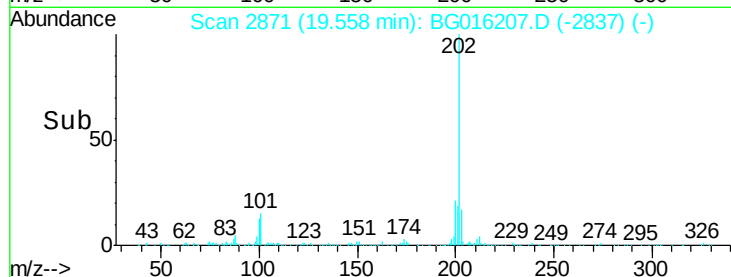
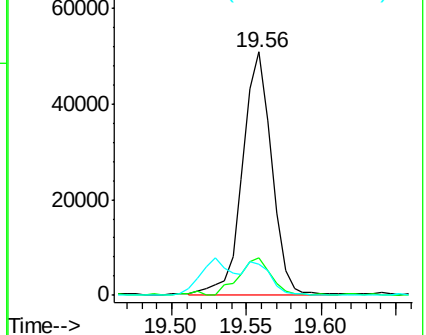
100 12.7 11.1 16.7



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



#80

Benzo(a)anthracene

Concen: 1.45 ng/ul

RT: 21.30 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

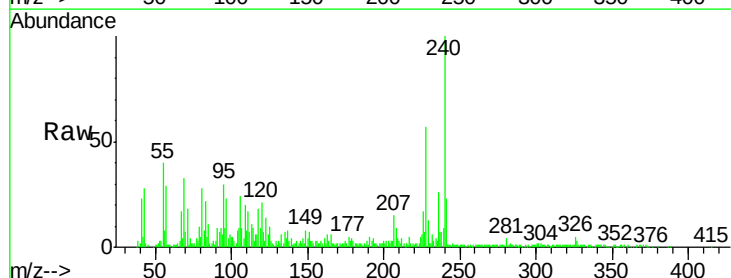
Tgt Ion:228 Resp: 35756

Ion Ratio Lower Upper

228 100

229 22.5 16.5 24.7

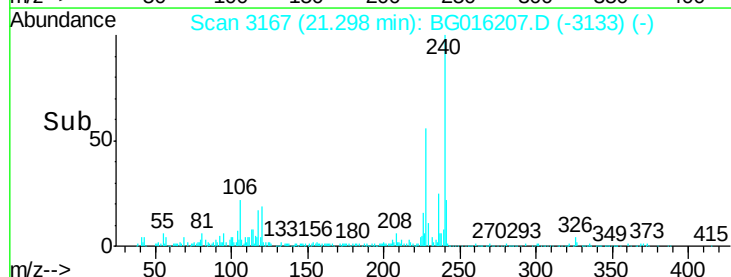
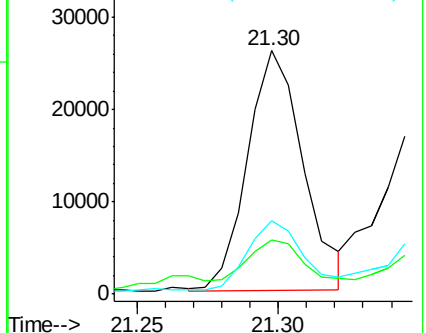
226 30.0 23.0 34.4

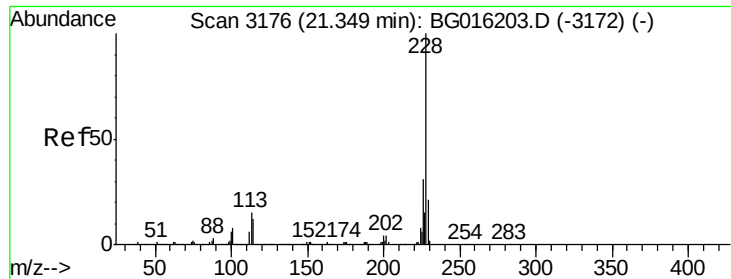


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.56 ng/ul

RT: 21.30 min Scan# 3167

Delta R.T. -0.05 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

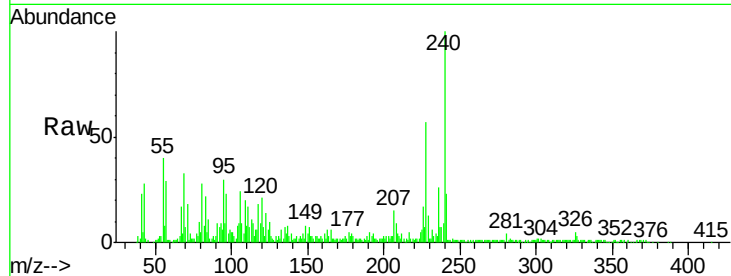
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 35783

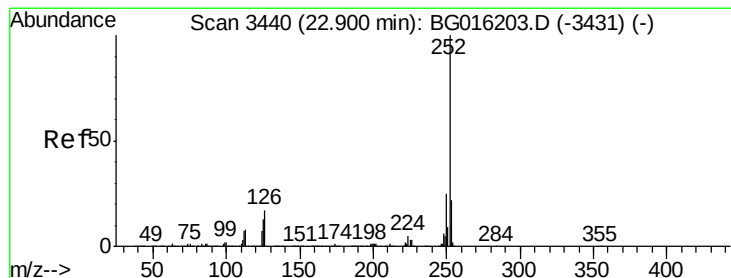
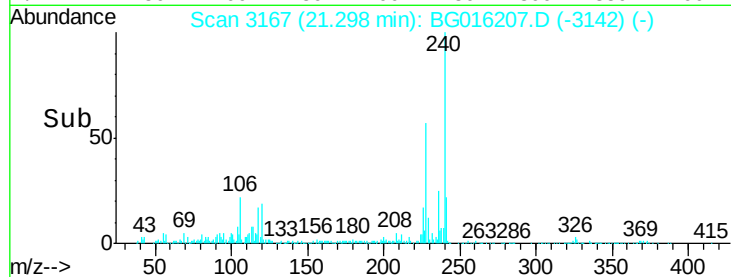
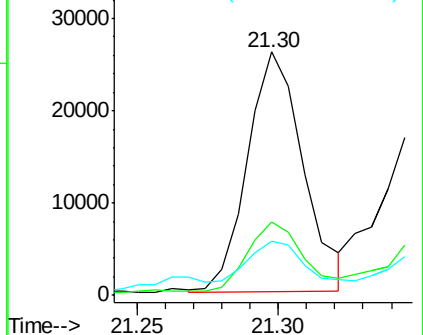
Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	22.5	16.5	24.7



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: 2.64 ng/ul

RT: 22.91 min Scan# 3442

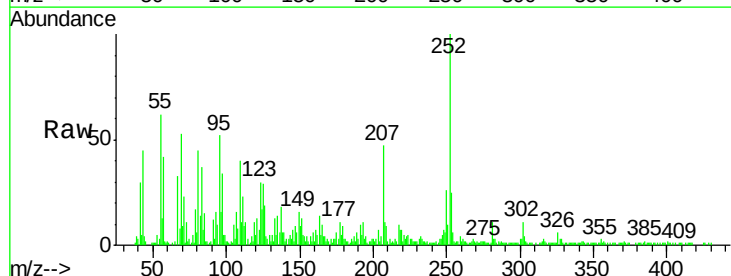
Delta R.T. 0.01 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

Tgt Ion:252 Resp: 65902

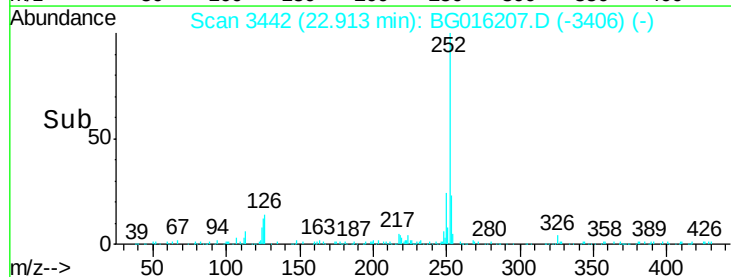
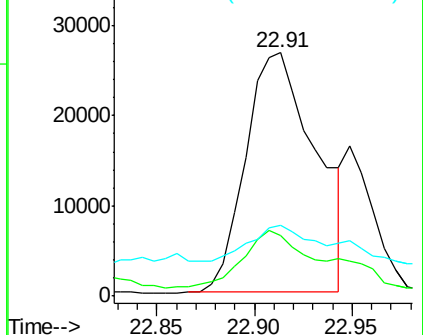
Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	29.1	10.6	15.8

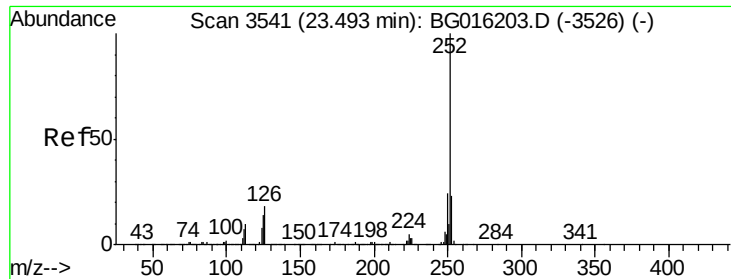


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.96 ng/ul

RT: 23.50 min Scan# 3542

Delta R.T. 0.01 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

Instrument :

BNA_G

ClientSampleId :

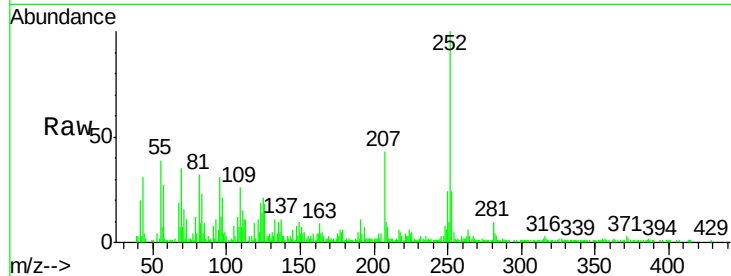
Tot Ion:252 Resp: 46641

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

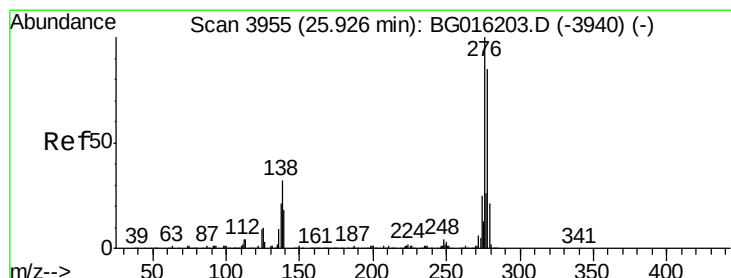
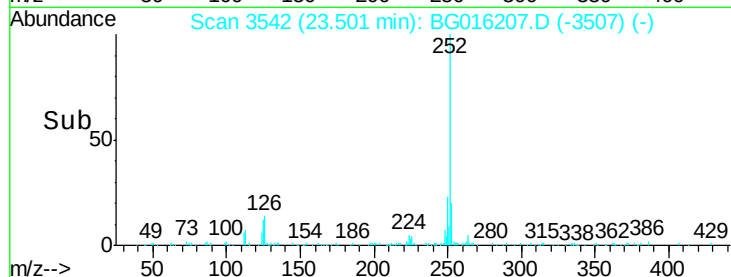
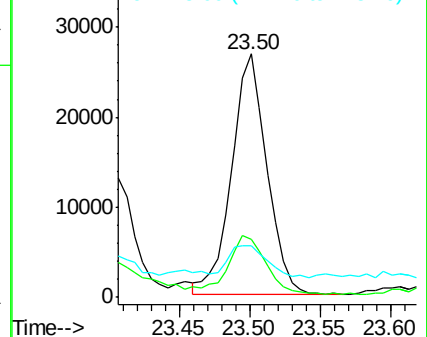
125 21.4 12.1 18.1#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.24 ng/ul

RT: 25.93 min Scan# 3955

Delta R.T. 0.00 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

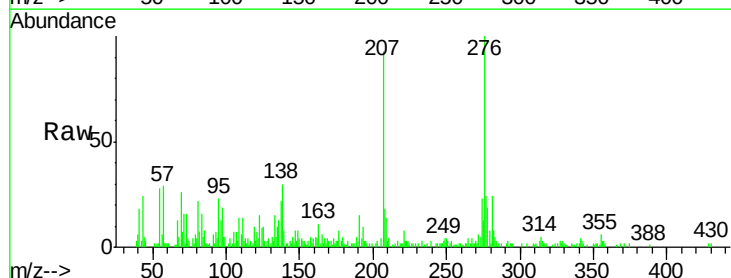
Tgt Ion:276 Resp: 34559

Ion Ratio Lower Upper

276 100

138 30.4 27.0 40.6

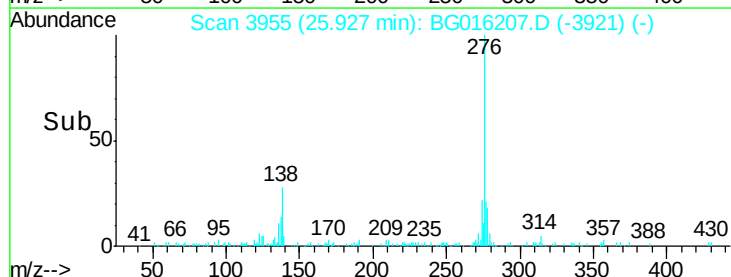
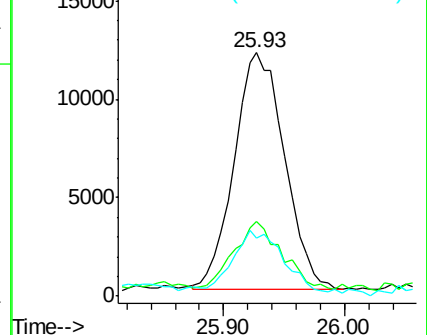
277 23.6 21.8 32.6

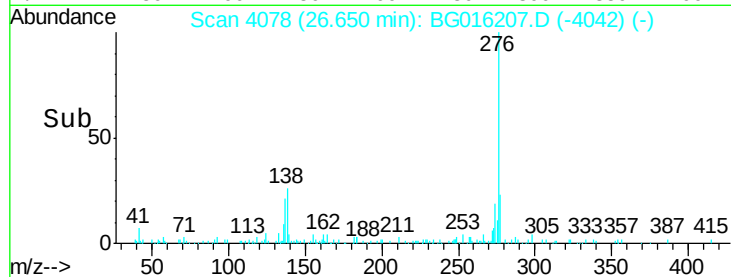
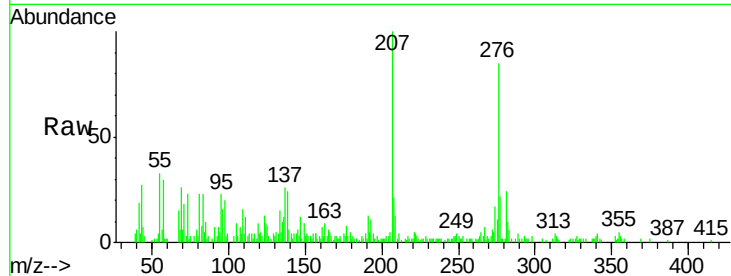
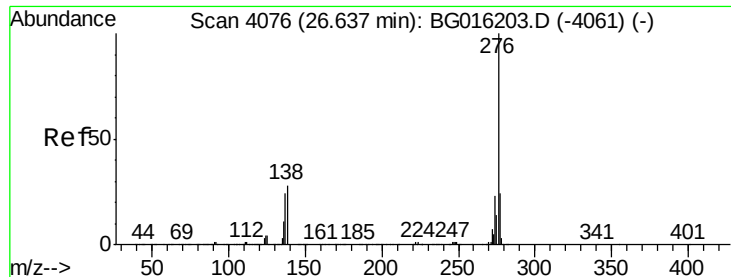


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.32 ng/ul

RT: 26.65 min Scan# 4078

Delta R.T. 0.01 min

Lab File: BG016207.D

Acq: 31 Mar 2015 19:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 30074

Ion Ratio Lower Upper

276 100

138 28.8 21.0 31.6

277 25.3 19.2 28.8

