

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
 Data File : BG016176.D
 Acq On : 27 Mar 2015 15:25
 Operator : TP/IZ
 Sample : G1647-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 03:31:54 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 28 03:20:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48379	20.00	ng/ul	0.01
18) Naphthalene-d8	10.58	136	223048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	140513	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	299692	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	305383	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	297894	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	6.96	99	74446	17.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	39351	16.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	58039	17.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	52580	16.09	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	31568	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	31942	18.81	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.19	165	55074	17.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	72202	16.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	169496	18.50	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	219953	17.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	24219	11.07	ng/ul	0.00
57) Fluorene-d10	15.41	176	159905	17.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	12162	7.77	ng/ul	0.00
70) Anthracene-d10	17.25	188	228569	16.70	ng/ul	0.00
76) Pyrene-d10	19.54	212	240248	17.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	195355	15.04	ng/ul	0.00

Target Compounds

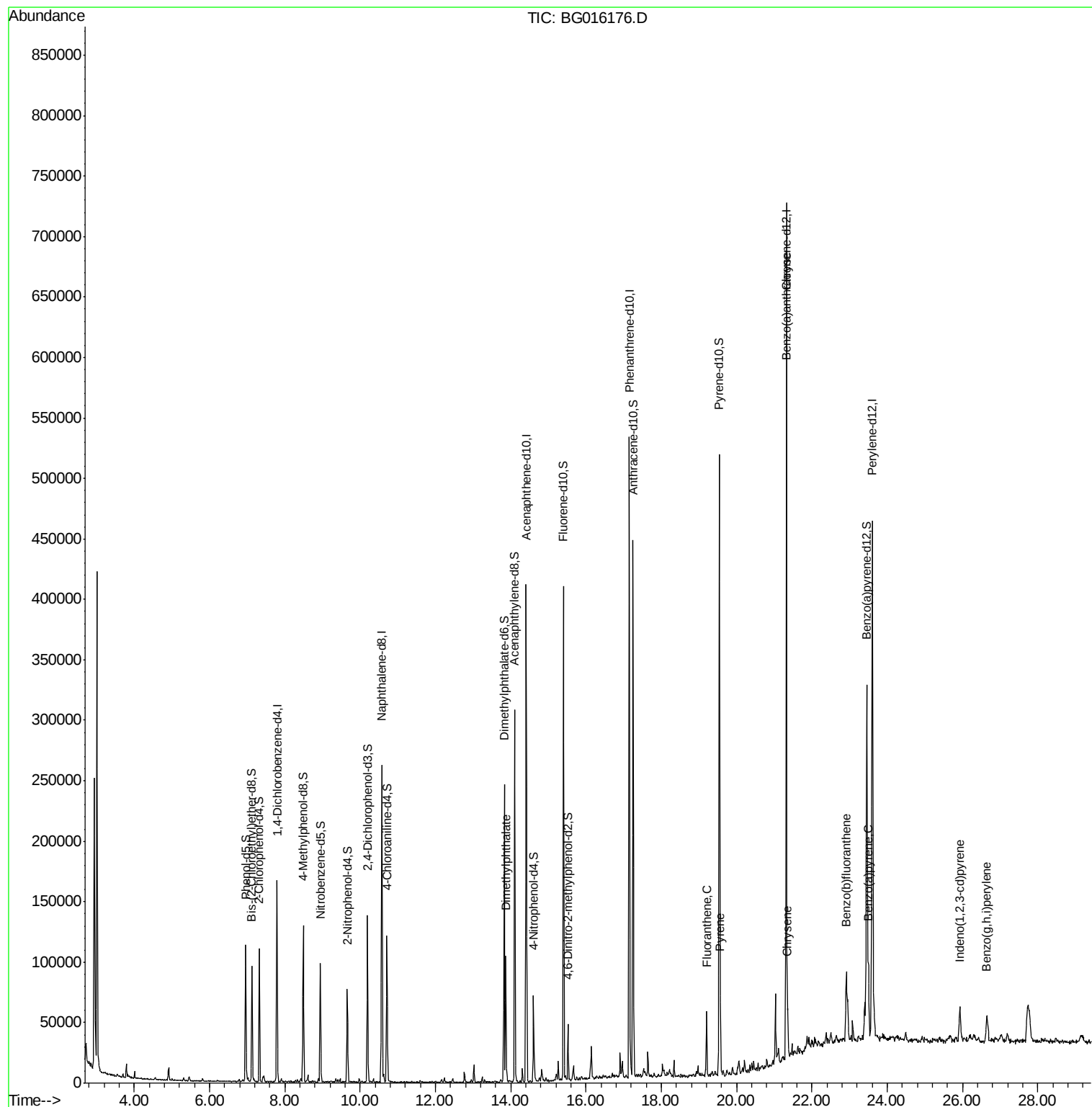
						Ovalue
44) Dimethylphthalate	13.87	163	70760	6.81	ng/ul	99
74) Fluoranthene	19.21	202	28876	1.50	ng/ul	97
77) Pyrene	19.57	202	32493	1.73	ng/ul	95
80) Benzo(a)anthracene	21.31	228	26347	1.52	ng/ul	99
82) Chrysene	21.36	228	24419	1.48	ng/ul	96
85) Benzo(b)fluoranthene	22.91	252	49666	2.90	ng/ul	98
88) Benzo(a)pyrene	23.50	252	37701	2.21	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	27310	1.39	ng/ul	94
91) Benzo(a,h,i)perylene	26.65	276	27105	1.64	ng/ul	96

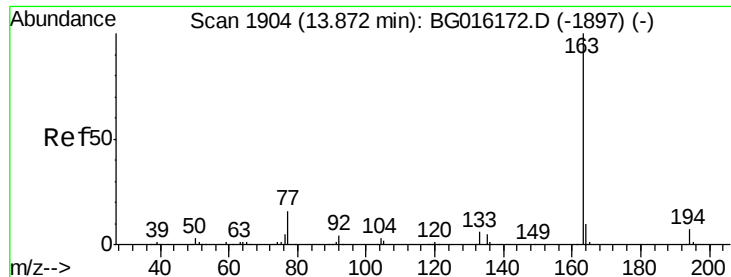
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 03:20:39 2015
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#44

Dimethylphthalate

Concen: 6.81 ng/ul

RT: 13.87 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

Instrument :

BNA_G

ClientSampleId :

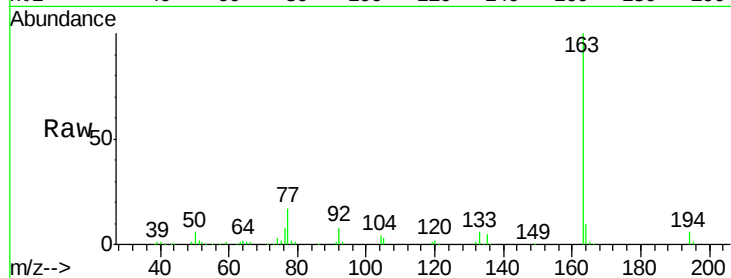
Tot Ion:163 Resp: 70760

Ion Ratio Lower Upper

163 100

194 6.3 5.4 8.0

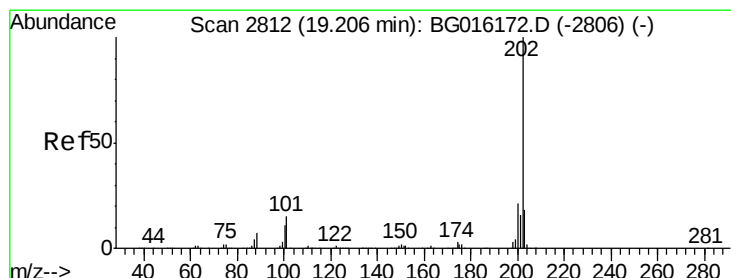
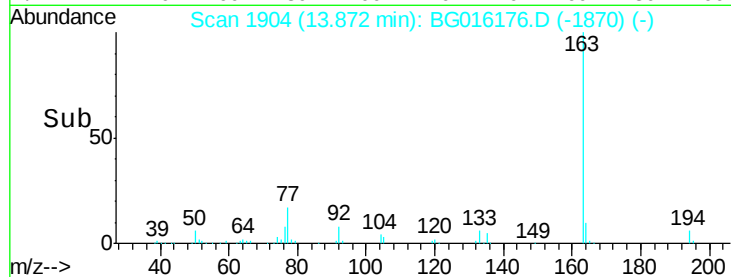
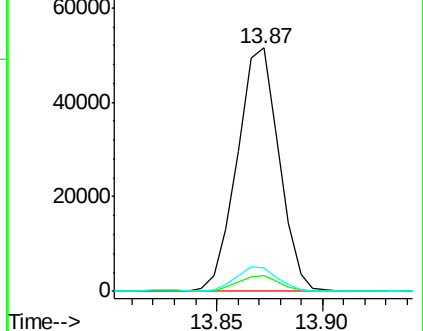
164 9.7 8.2 12.4



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



#74

Fluoranthene

Concen: 1.50 ng/ul

RT: 19.21 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

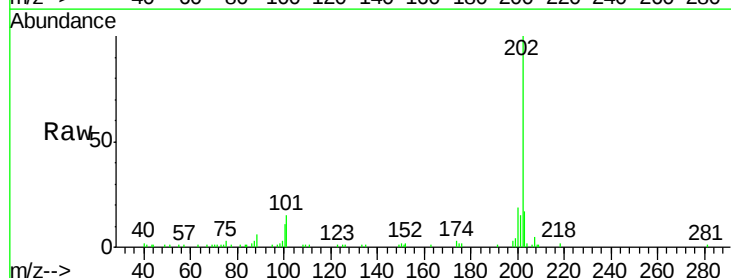
Tgt Ion:202 Resp: 28876

Ion Ratio Lower Upper

202 100

101 14.9 12.9 19.3

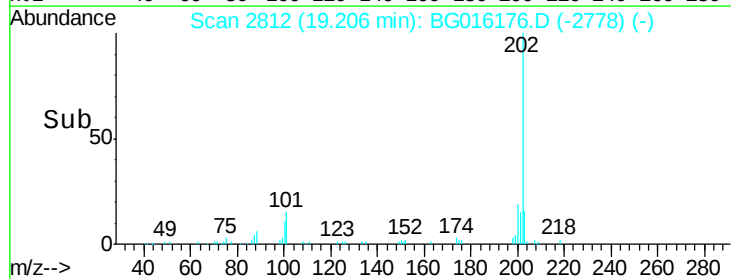
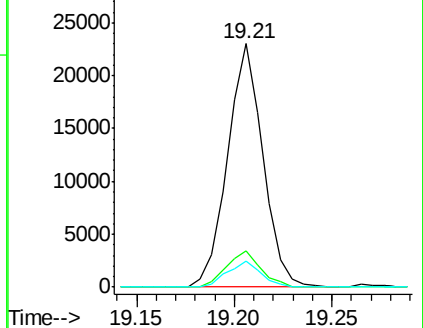
100 10.5 9.4 14.2

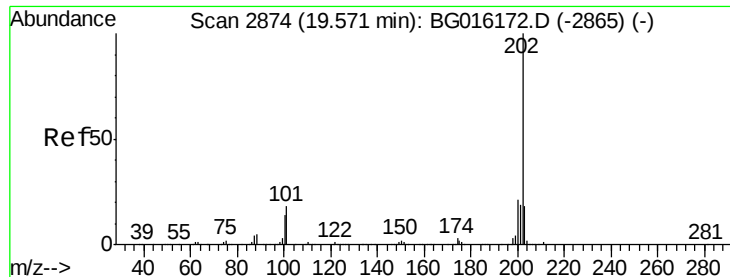


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.73 ng/ul

RT: 19.57 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

Instrument :

BNA_G

ClientSampleId :

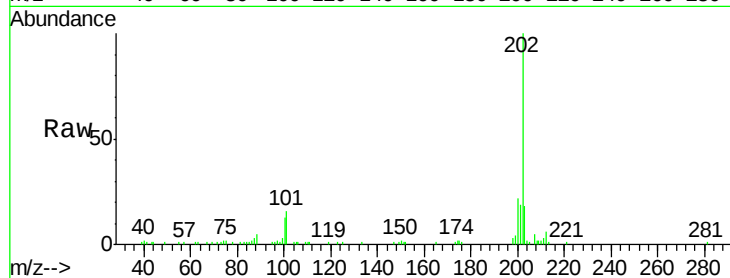
Tot Ion:202 Resp: 32493

Ion Ratio Lower Upper

202 100

101 15.9 14.6 21.8

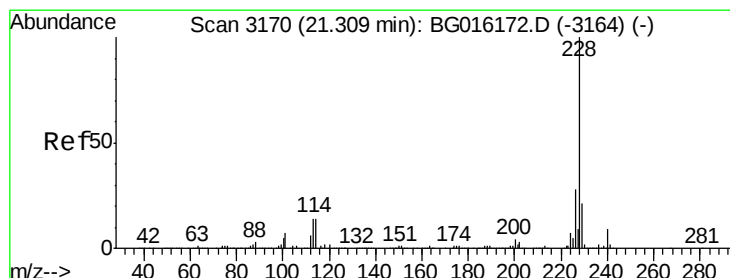
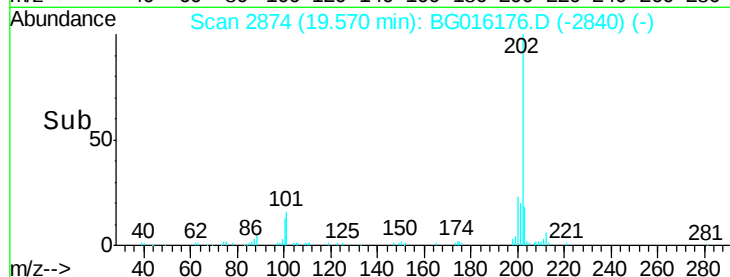
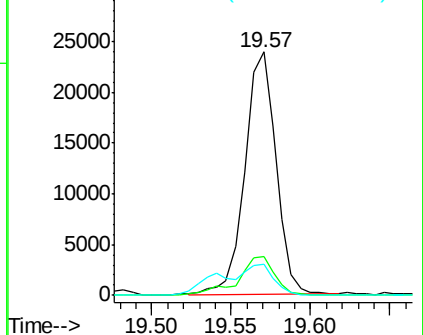
100 12.8 12.1 18.1



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): E



#80

Benzo(a)anthracene

Concen: 1.52 ng/ul

RT: 21.31 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

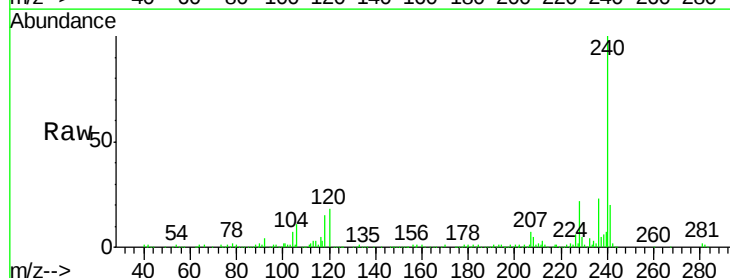
Tgt Ion:228 Resp: 26347

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.4

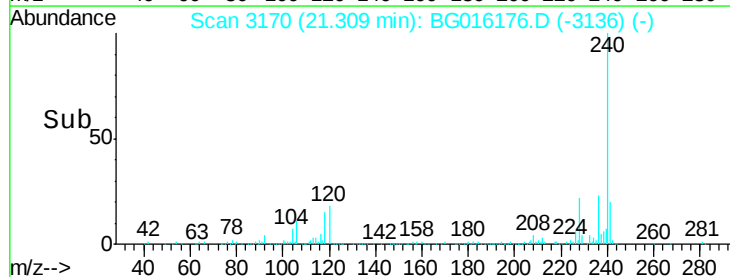
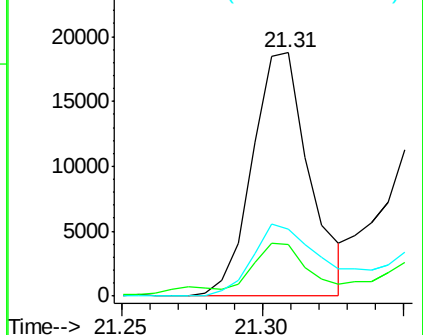
226 27.6 22.4 33.6

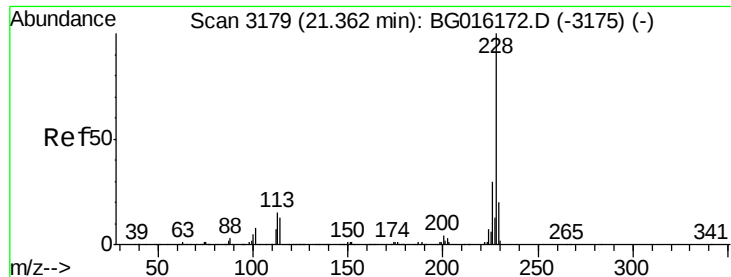


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

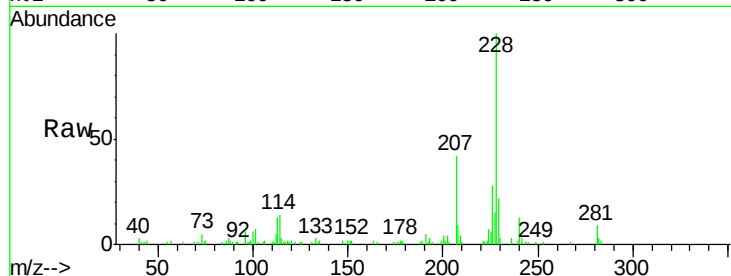




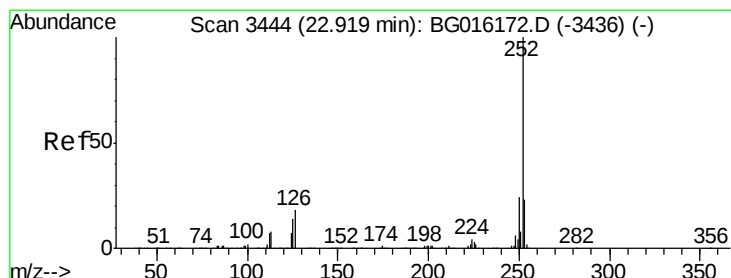
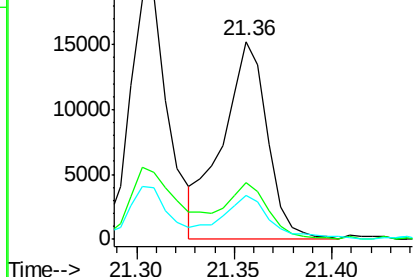
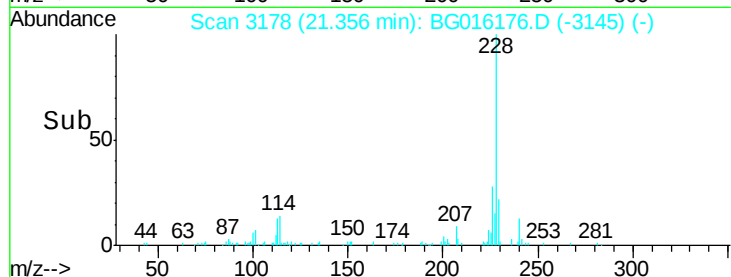
#82
Chrysene
Concen: 1.48 ng/ul
RT: 21.36 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 24419
Ion Ratio Lower Upper
228 100
226 28.4 24.6 36.8
229 22.3 16.6 25.0

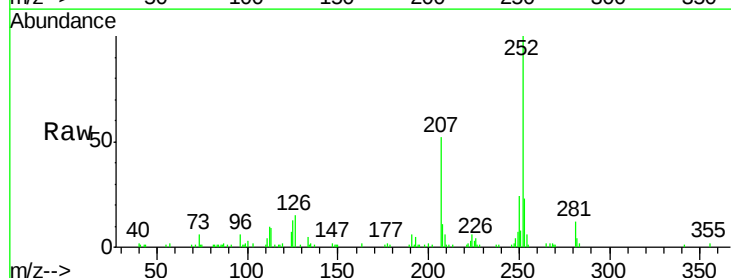


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

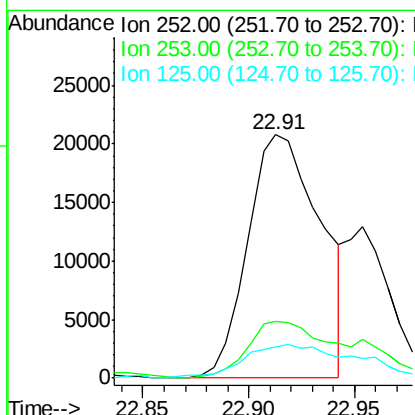
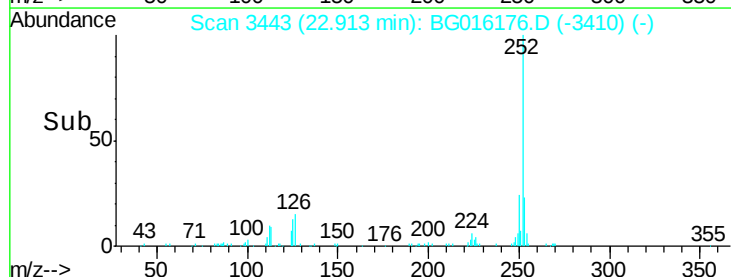


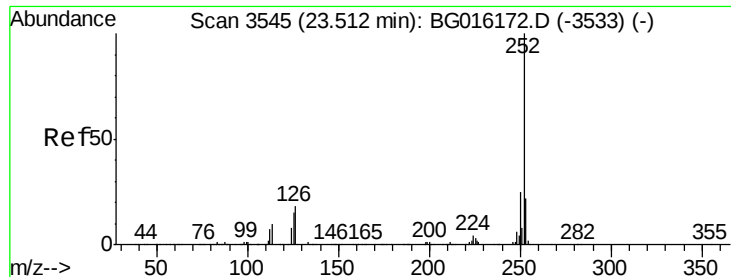
#85
Benzo(b)fluoranthene
Concen: 2.90 ng/ul
RT: 22.91 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Tgt Ion:252 Resp: 49666
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 12.6 11.0 16.6



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

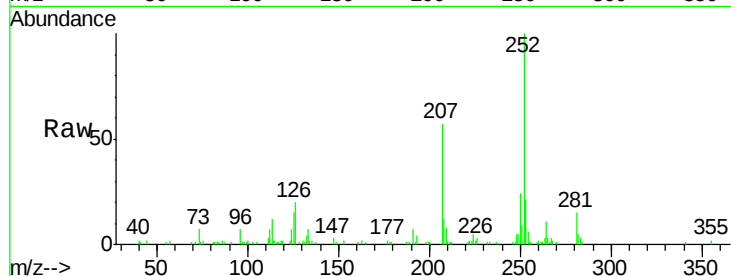




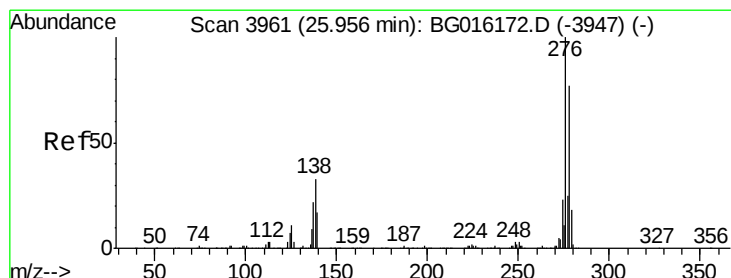
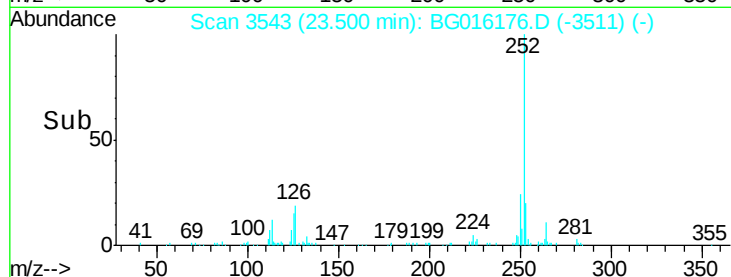
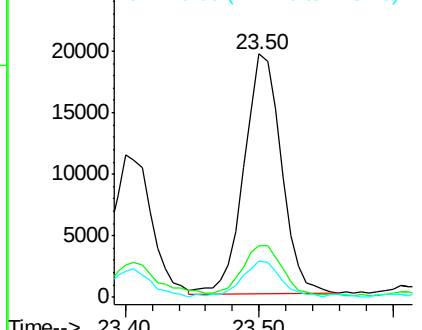
#88
Benzo(a)pyrene
Concen: 2.21 ng/ul
RT: 23.50 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 37701
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 14.8 11.5 17.3

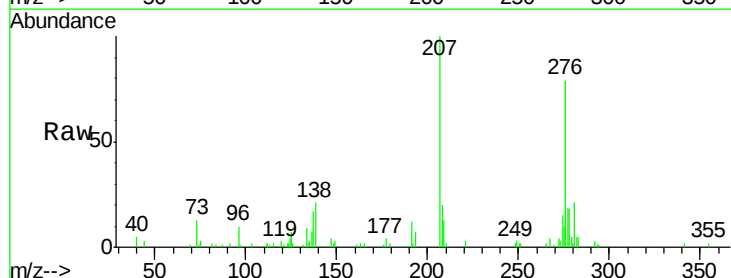


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

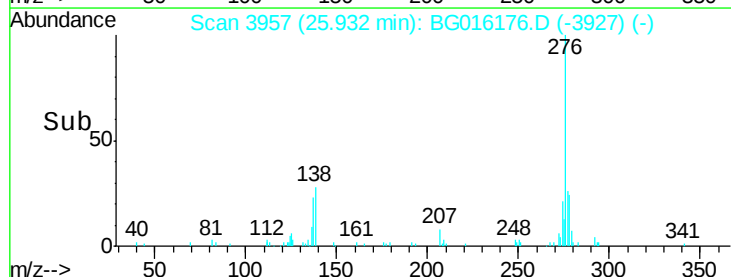
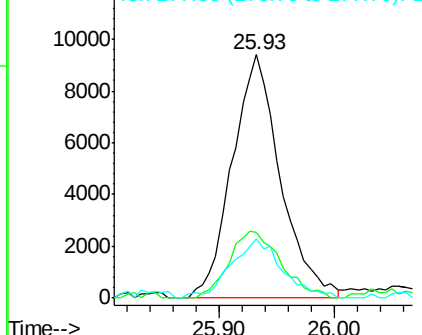


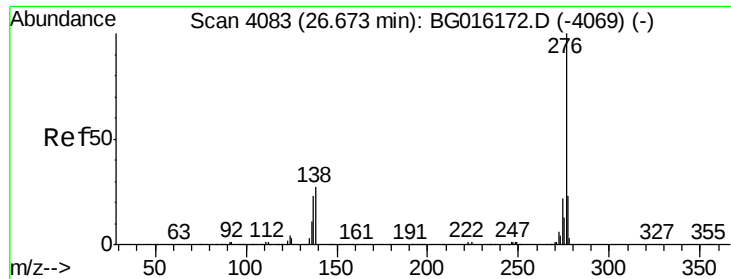
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.39 ng/ul
RT: 25.93 min Scan# 3957
Delta R.T. -0.02 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Tgt Ion:276 Resp: 27310
Ion Ratio Lower Upper
276 100
138 26.7 26.1 39.1
277 24.6 20.0 30.0



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(a,h,i)perylene

Concen: 1.64 ng/ul

RT: 26.65 min Scan# 4079

Delta R.T. -0.02 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 27105

Ion Ratio Lower Upper

276 100

138 25.8 22.0 33.0

277 25.7 19.0 28.4

