

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016187.D
 Acq On : 27 Mar 2015 22:22
 Operator : TP/IZ
 Sample : G1647-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD4

Quant Time: Mar 28 06:09:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 28 05:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	58598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	264022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	157424	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	315643	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	303308	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	305774	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	156454	29.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	85199	29.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	124269	30.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	114906	29.03	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	67504	32.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	73481	36.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	115542	31.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	154930	30.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	330433	32.20	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	446030	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	66847	27.27	ng/ul	0.00
57) Fluorene-d10	15.41	176	310030	30.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	34837	21.12	ng/ul	0.00
70) Anthracene-d10	17.25	188	442971	30.72	ng/ul	0.00
76) Pyrene-d10	19.54	212	432587	31.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	386991	29.02	ng/ul	0.01

Target Compounds

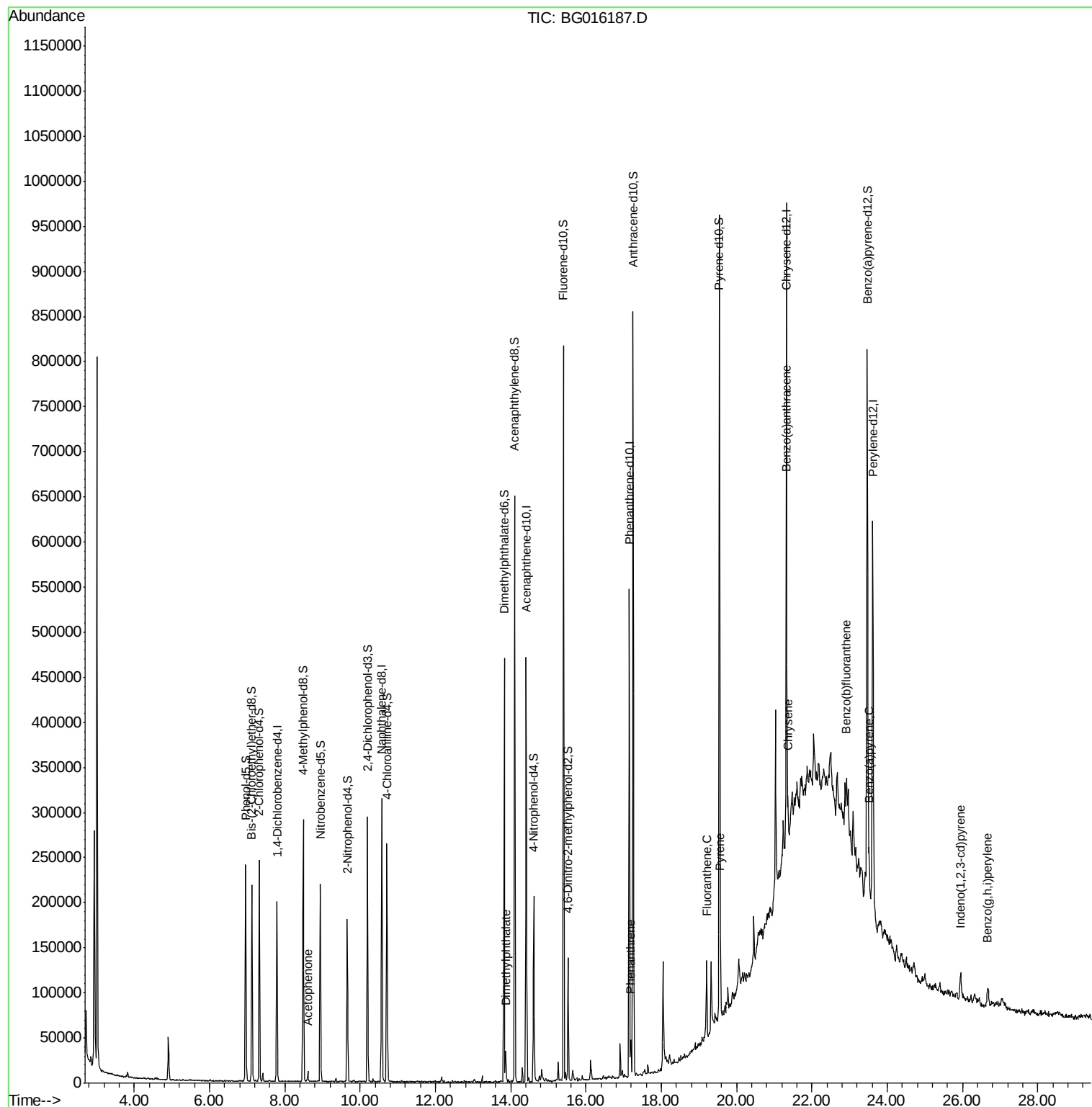
						Qvalue
14) Acetophenone	8.60	105	6869	1.10	ng/ul	94
44) Dimethylphthalate	13.87	163	21908	1.88	ng/ul	98
69) Phenanthrene	17.19	178	24016	1.34	ng/ul	99
74) Fluoranthene	19.21	202	46345	2.28	ng/ul	99
77) Pyrene	19.57	202	47995	2.57	ng/ul	98
80) Benzo(a)anthracene	21.31	228	25884	1.51	ng/ul	97
82) Chrysene	21.36	228	24301	1.49	ng/ul	98
85) Benzo(b)fluoranthene	22.93	252	46839	2.67	ng/ul#	77
88) Benzo(a)pyrene	23.52	252	32123	1.84	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	25.95	276	25546	1.26	ng/ul	93
91) Benzo(g,h,i)perylene	26.67	276	22982	1.35	ng/ul	96

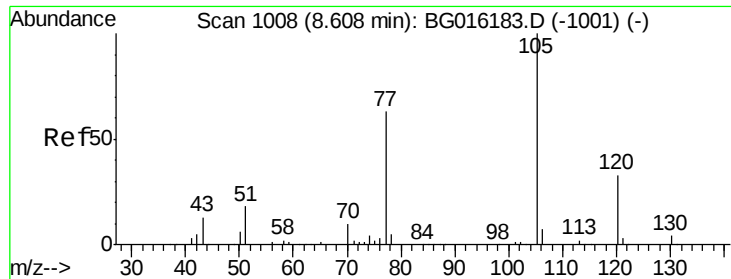
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016187.D
Acq On : 27 Mar 2015 22:22
Operator : TP/IZ
Sample : G1647-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD4

Quant Time: Mar 28 06:09:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.10 ng/ul

RT: 8.60 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

Instrument :

BNA_G

ClientSampleId :

C0AD4

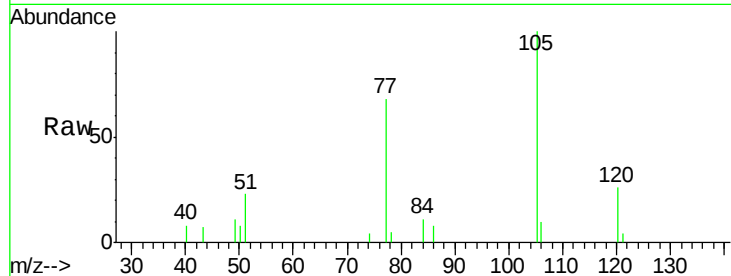
Tgt Ion:105 Resp: 6869

Ion Ratio Lower Upper

105 100

77 67.8 57.8 86.8

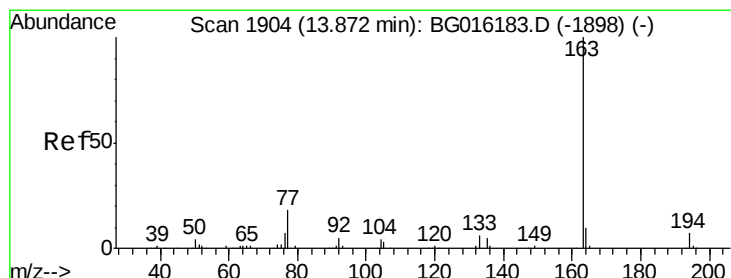
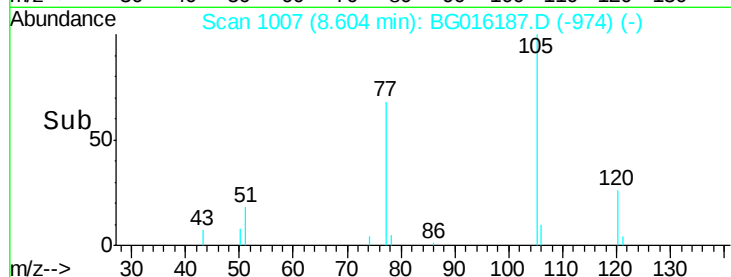
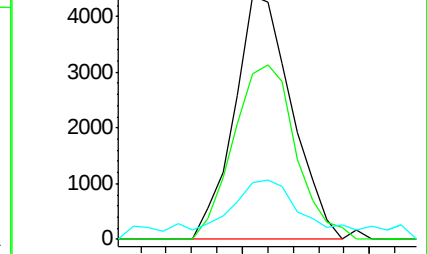
51 23.4 16.5 24.7



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: 1.88 ng/ul

RT: 13.87 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

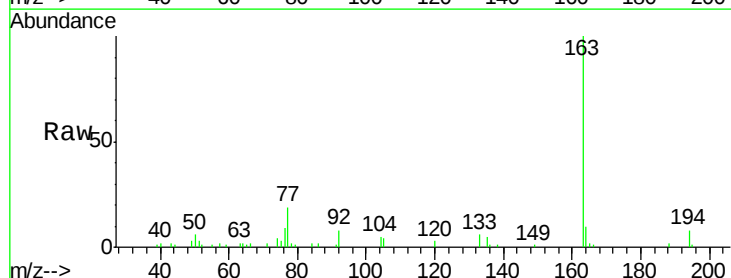
Tgt Ion:163 Resp: 21908

Ion Ratio Lower Upper

163 100

194 8.0 5.4 8.0

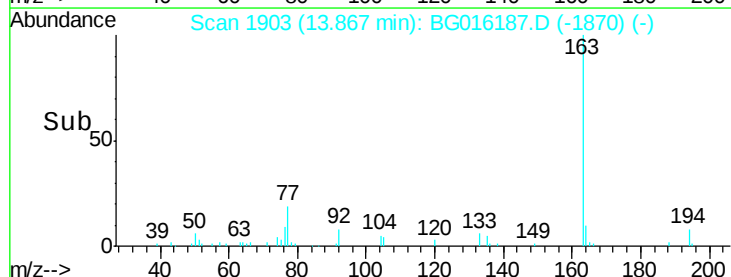
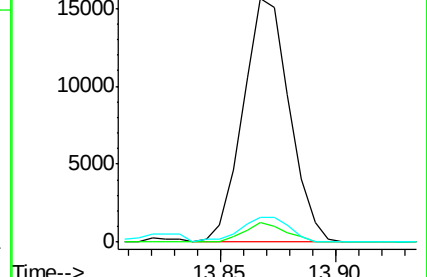
164 10.4 8.2 12.4

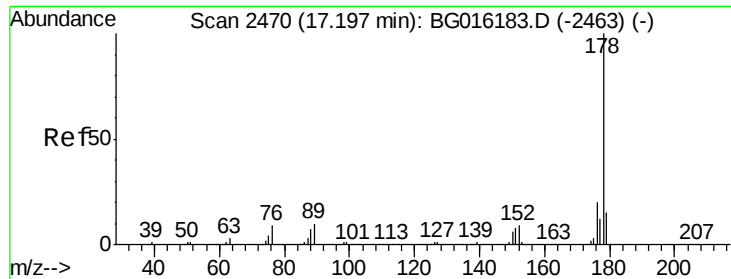


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.34 ng/ul

RT: 17.19 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

Instrument :

BNA_G

ClientSampleId :

C0AD4

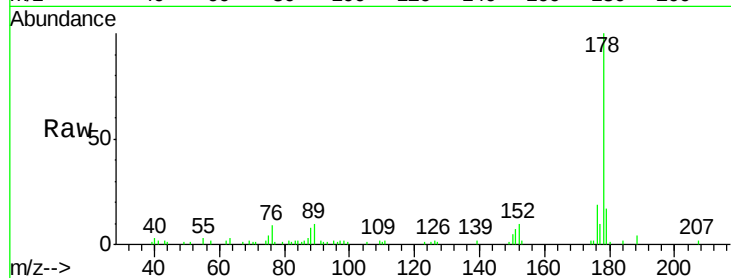
Tgt Ion:178 Resp: 24016

Ion Ratio Lower Upper

178 100

179 16.7 12.8 19.2

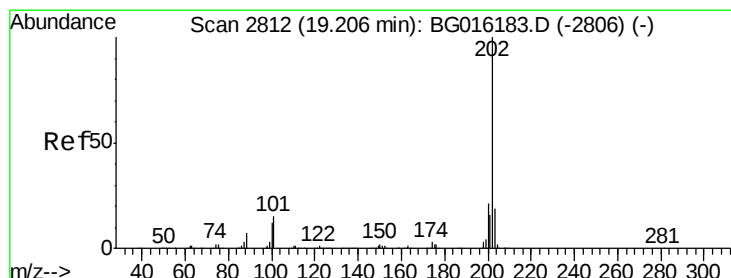
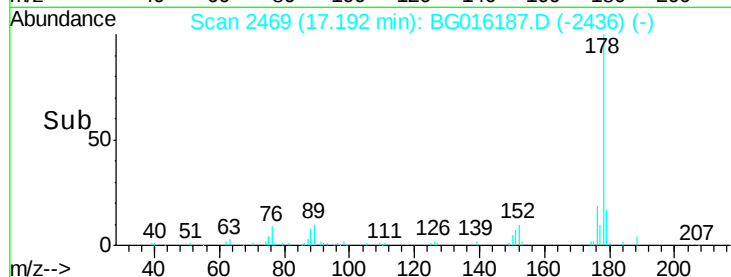
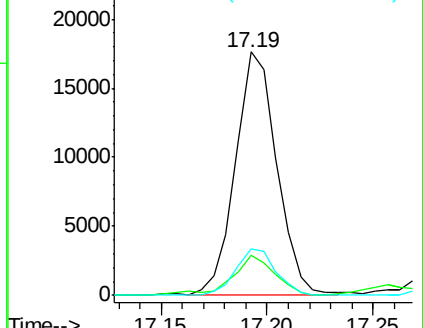
176 19.0 15.6 23.4



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: 2.28 ng/ul

RT: 19.21 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

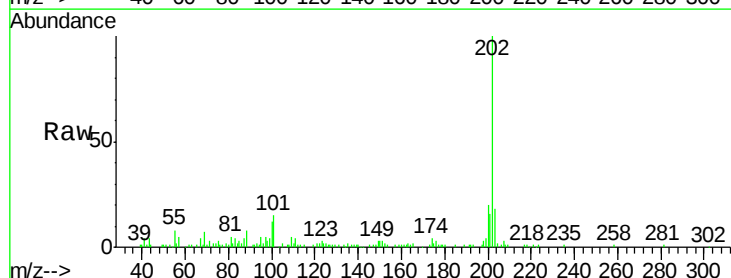
Tgt Ion:202 Resp: 46345

Ion Ratio Lower Upper

202 100

101 15.3 12.9 19.3

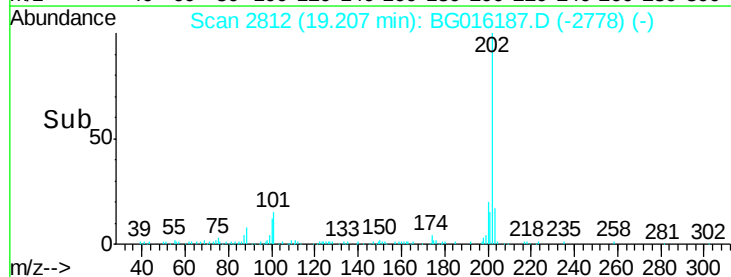
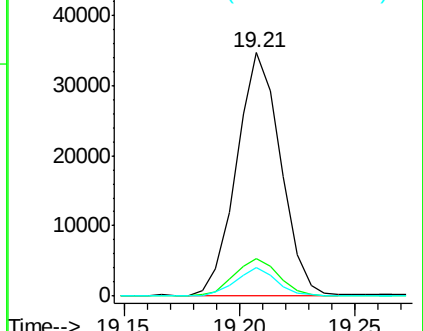
100 11.8 9.4 14.2

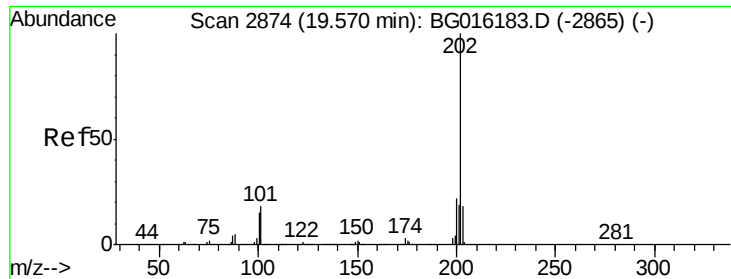


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

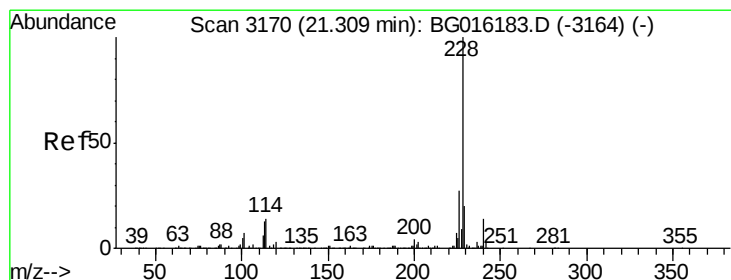
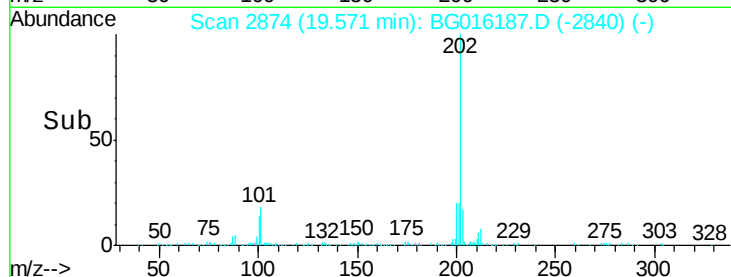
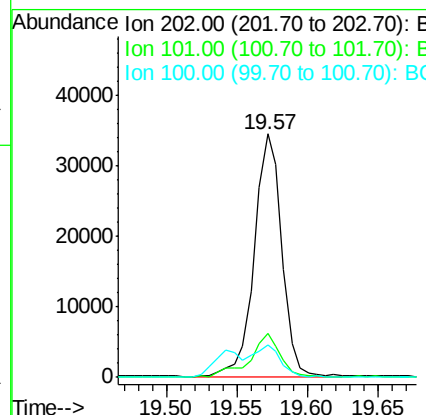
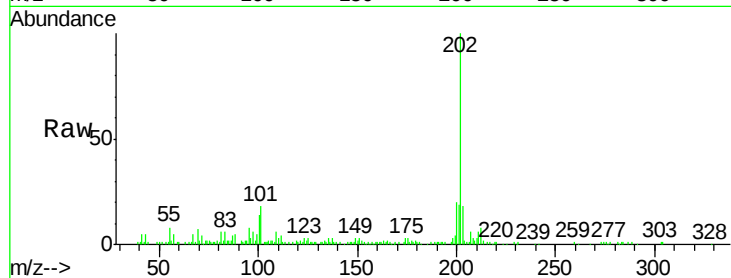




#77
 Pyrene
 Concen: 2.57 ng/ul
 RT: 19.57 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: BG016187.D
 Acq: 27 Mar 2015 22:22

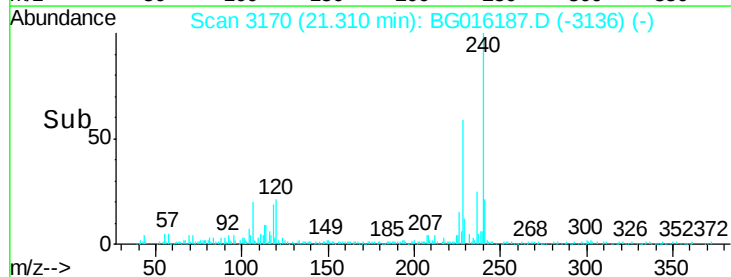
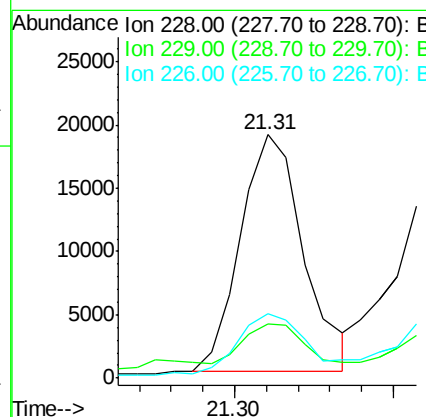
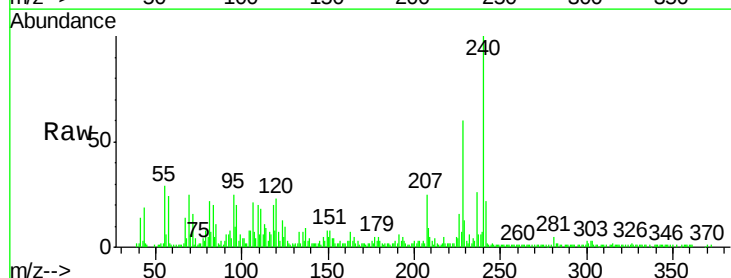
Instrument :
 BNA_G
 ClientSampleId :
 C0AD4

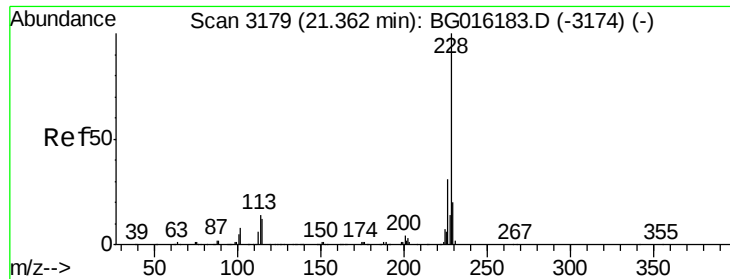
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.9	14.6	21.8
100	13.5	12.1	18.1



#80
 Benzo(a)anthracene
 Concen: 1.51 ng/ul
 RT: 21.31 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG016187.D
 Acq: 27 Mar 2015 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.4
226	26.7	22.4	33.6





#82

Chrysene

Concen: 1.49 ng/ul

RT: 21.36 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

Instrument :

BNA_G

ClientSampled :

C0AD4

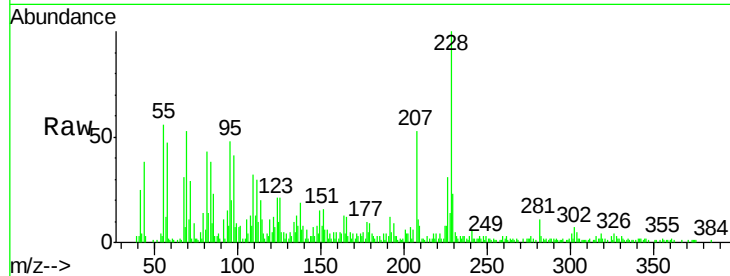
Tgt Ion:228 Resp: 24301

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

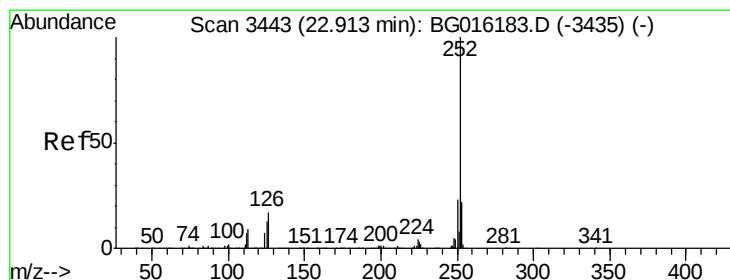
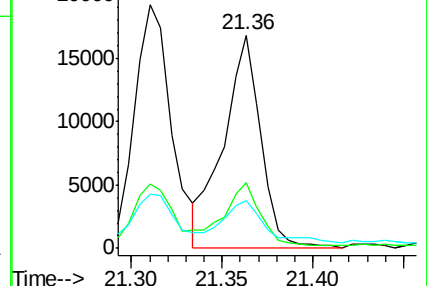
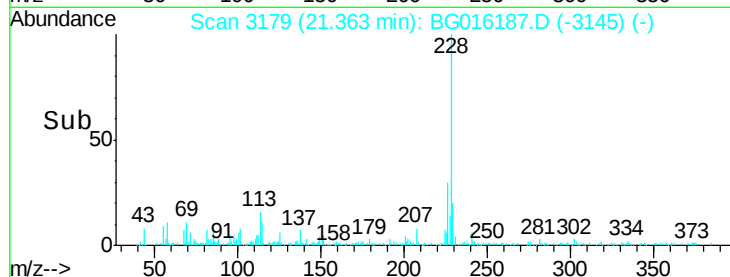
229 22.6 16.6 25.0



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: 2.67 ng/ul

RT: 22.93 min Scan# 3445

Delta R.T. 0.01 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

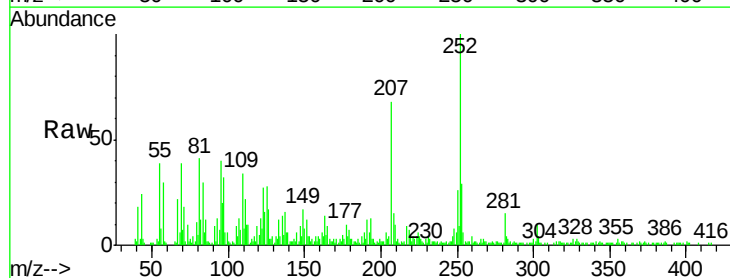
Tgt Ion:252 Resp: 46839

Ion Ratio Lower Upper

252 100

253 29.2 17.9 26.9#

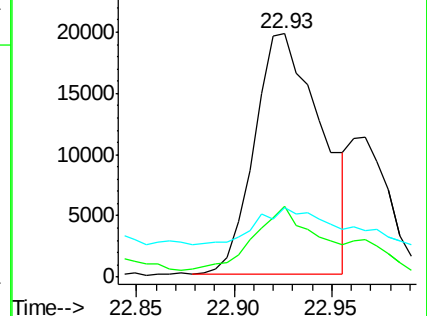
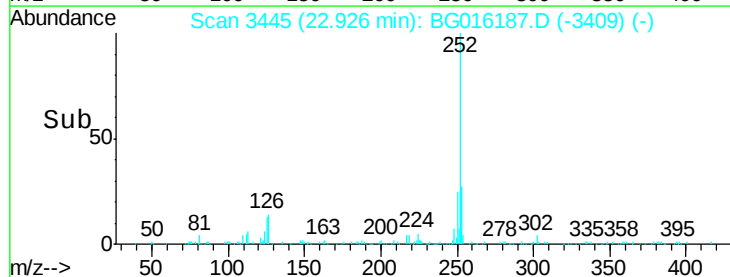
125 28.4 11.0 16.6#

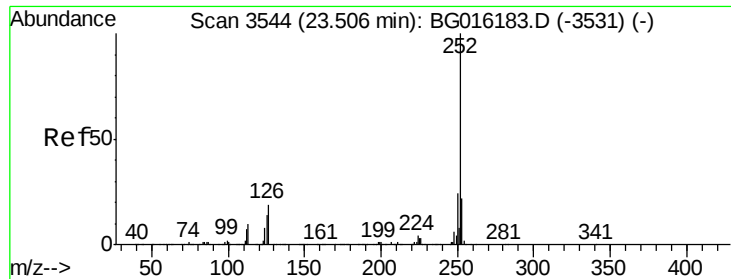


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.84 ng/ul

RT: 23.52 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

Instrument :

BNA_G

ClientSampleId :

C0AD4

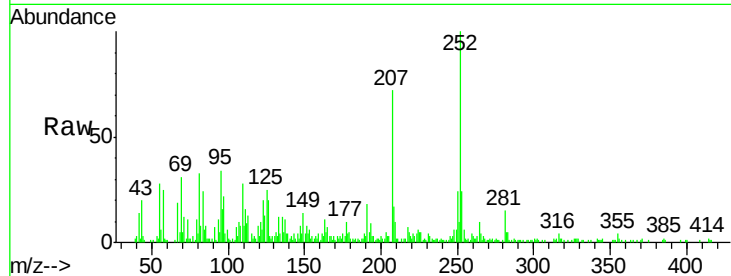
Tgt Ion:252 Resp: 32123

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

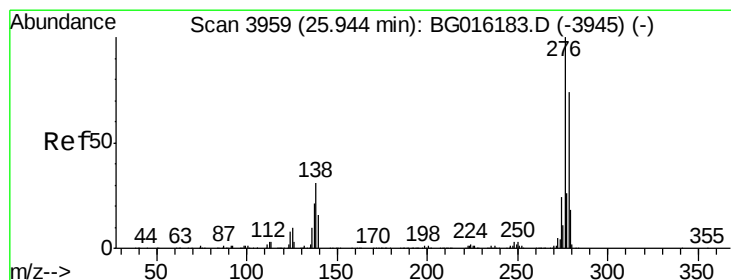
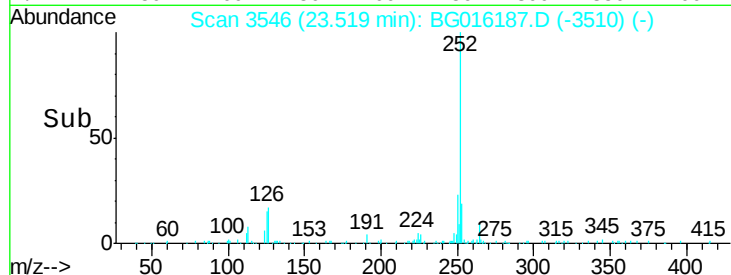
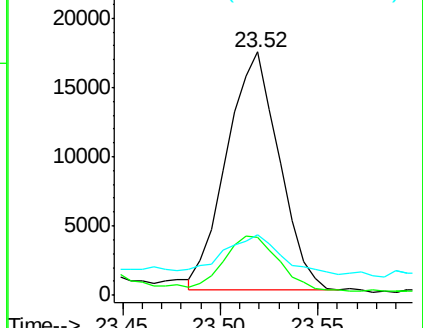
125 24.9 11.5 17.3#



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: 1.26 ng/ul

RT: 25.95 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

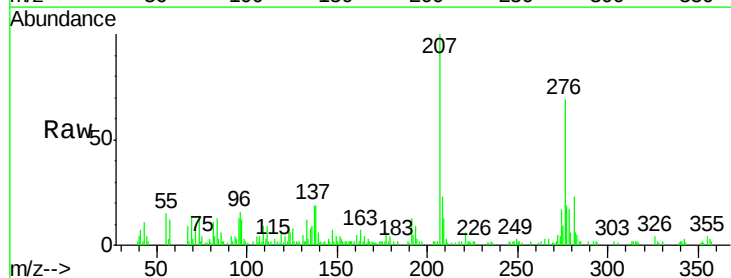
Tgt Ion:276 Resp: 25546

Ion Ratio Lower Upper

276 100

138 27.3 26.1 39.1

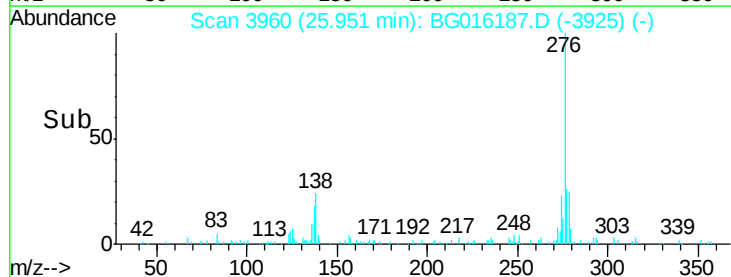
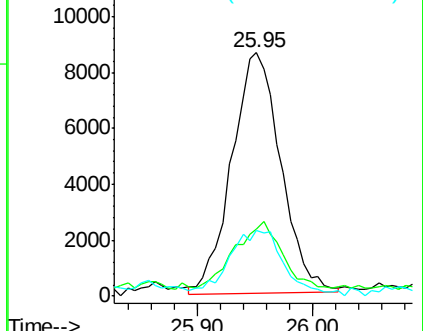
277 27.1 20.0 30.0

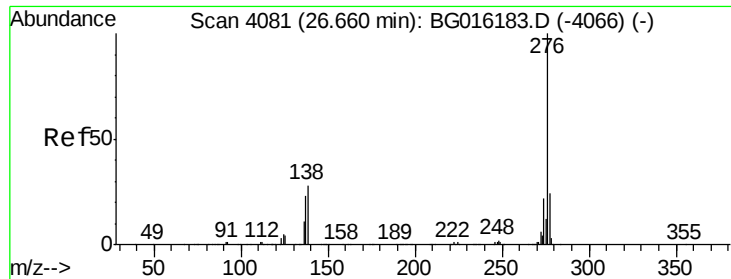


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.35 ng/ul

RT: 26.67 min Scan# 4083

Delta R.T. 0.01 min

Lab File: BG016187.D

Acq: 27 Mar 2015 22:22

Instrument :

BNA_G

ClientSampleId :

C0AD4

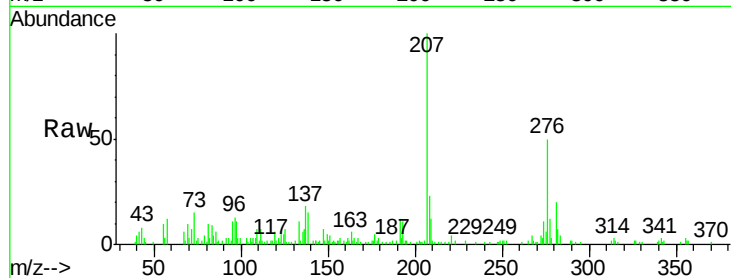
Tgt Ion: 276 Resp: 22982

Ion Ratio Lower Upper

276 100

138 30.6 22.0 33.0

277 25.1 19.0 28.4



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

