

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016182.D
 Acq On : 27 Mar 2015 18:54
 Operator : TP/IZ
 Sample : G1647-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD7

Quant Time: Mar 28 03:32:57 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	51944	20.00	ng/ul	0.01
18) Naphthalene-d8	10.58	136	242737	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	154958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	323778	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	325007	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	312459	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	152651	33.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	82563	32.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	116907	32.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	110003	31.35	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	67706	35.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	81954	44.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	113919	33.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	86226	18.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	358844	35.52	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	467977	33.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	74273	30.78	ng/ul	0.00
57) Fluorene-d10	15.41	176	334513	33.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	49769	29.41	ng/ul	0.00
70) Anthracene-d10	17.25	188	485407	32.82	ng/ul	0.00
76) Pyrene-d10	19.54	212	495914	34.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	417230	30.62	ng/ul	0.00

Target Compounds

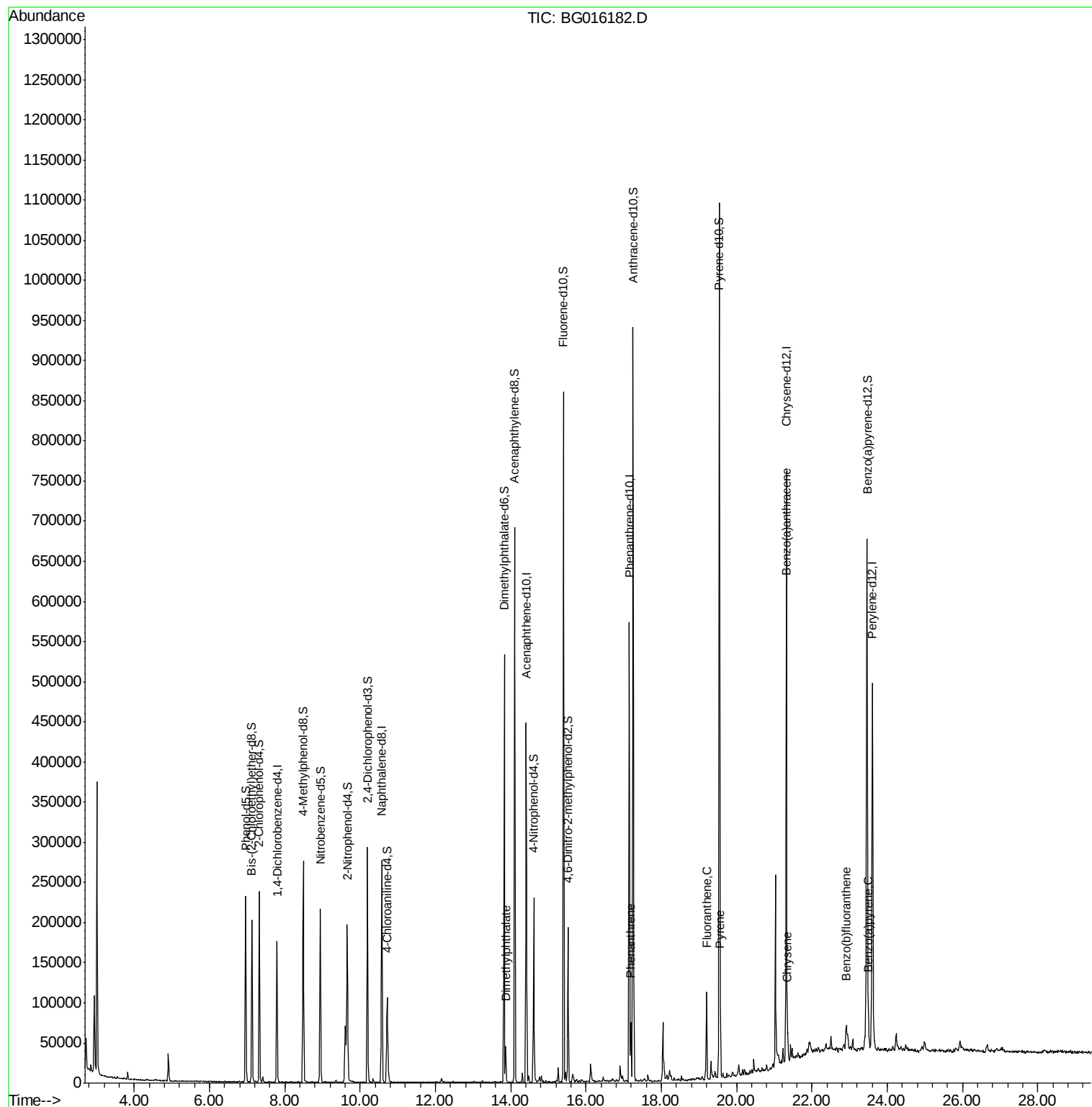
						Qvalue
44) Dimethylphthalate	13.87	163	30003	2.62	ng/ul	99
69) Phenanthrene	17.19	178	44137	2.40	ng/ul	99
74) Fluoranthene	19.21	202	59149	2.84	ng/ul	94
77) Pyrene	19.57	202	49824	2.49	ng/ul	95
80) Benzo(a)anthracene	21.31	228	25549	1.39	ng/ul	97
82) Chrysene	21.36	228	19473	1.11	ng/ul	98
85) Benzo(b)fluoranthene	22.92	252	24992	1.39	ng/ul	97
88) Benzo(a)pyrene	23.51	252	18700	1.05	ng/ul	95

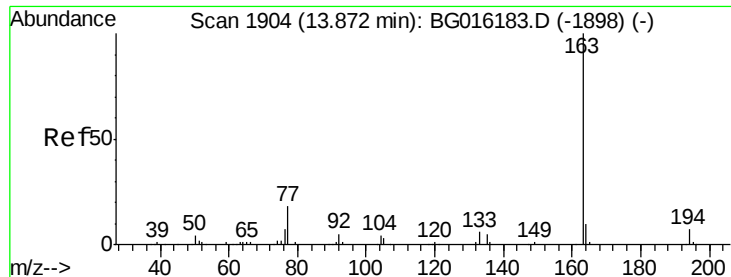
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.62 ng/ul

RT: 13.87 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG016182.D

Acq: 27 Mar 2015 18:54

Instrument :

BNA_G

ClientSampleId :

C0AD7

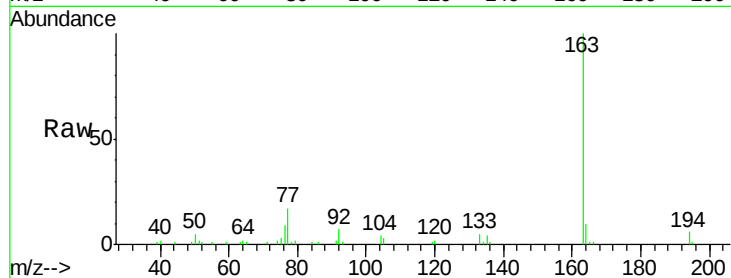
Tgt Ion:163 Resp: 30003

Ion Ratio Lower Upper

163 100

194 6.3 5.4 8.0

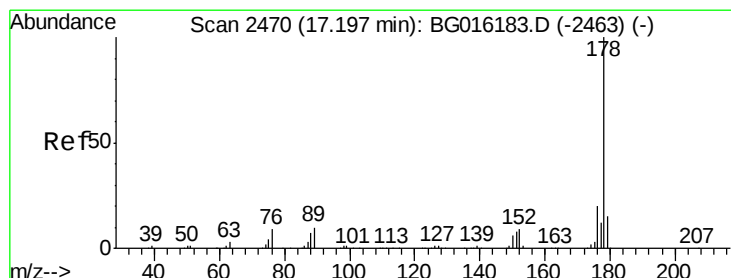
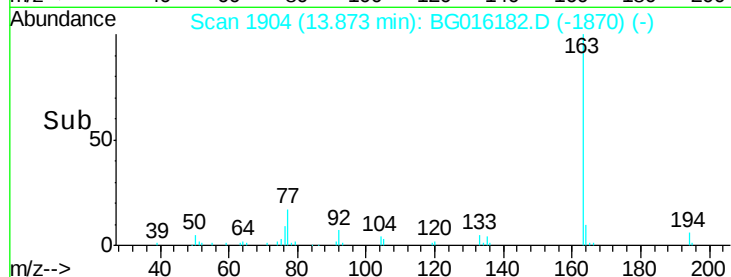
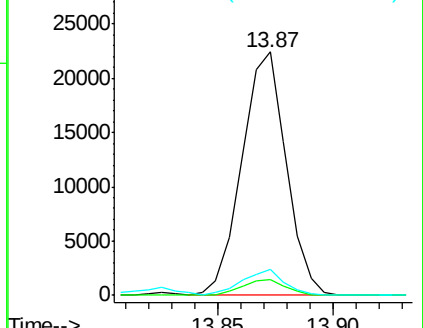
164 10.4 8.2 12.4



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: 2.40 ng/ul

RT: 17.19 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BG016182.D

Acq: 27 Mar 2015 18:54

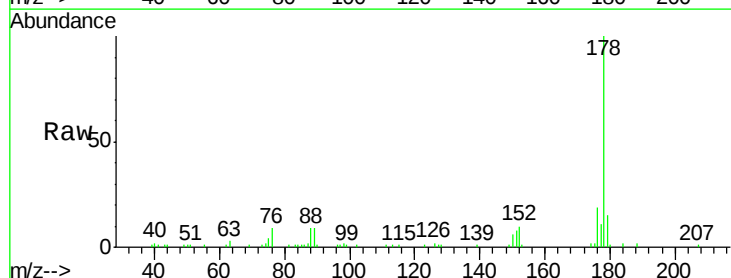
Tgt Ion:178 Resp: 44137

Ion Ratio Lower Upper

178 100

179 15.2 12.8 19.2

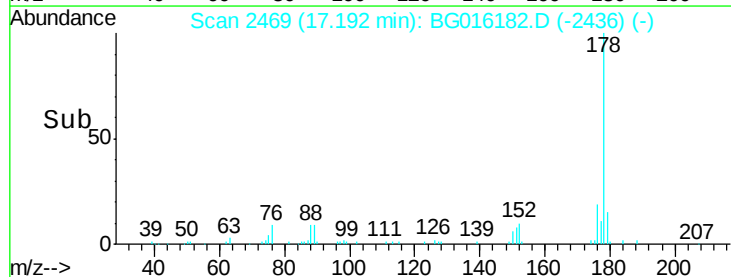
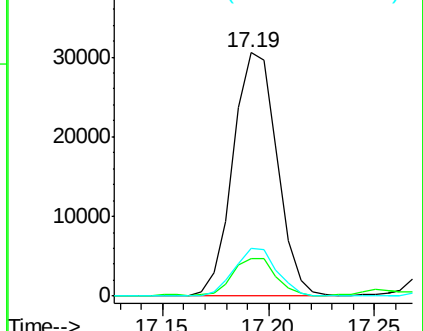
176 19.5 15.6 23.4

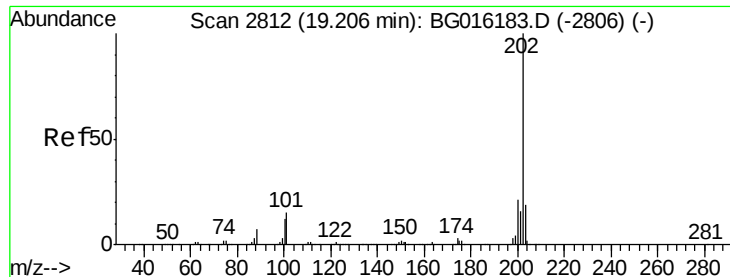


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.84 ng/ul

RT: 19.21 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG016182.D

Acq: 27 Mar 2015 18:54

Instrument :

BNA_G

ClientSampleId :

C0AD7

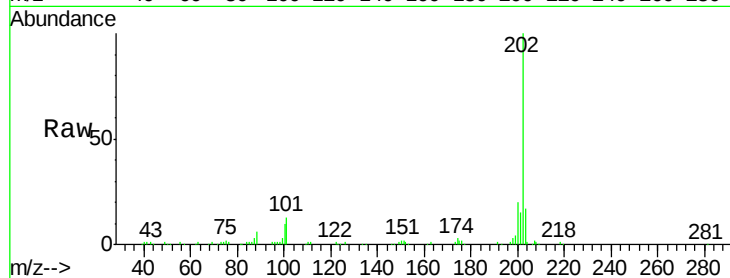
Tgt Ion:202 Resp: 59149

Ion Ratio Lower Upper

202 100

101 12.9 12.9 19.3

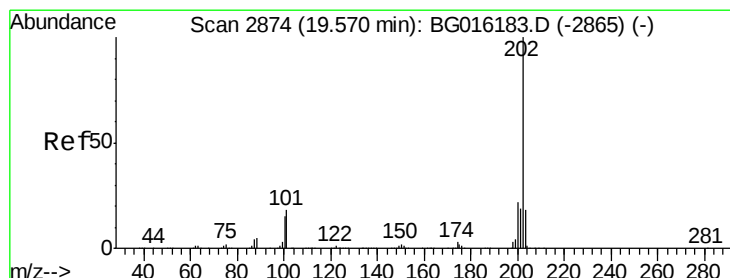
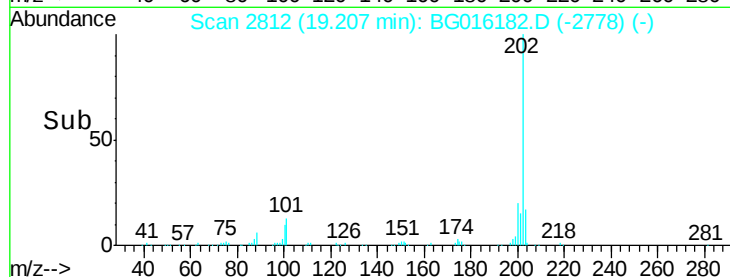
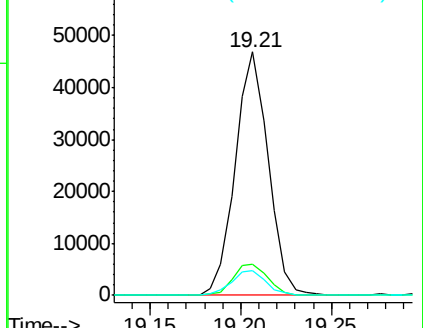
100 10.2 9.4 14.2



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: 2.49 ng/ul

RT: 19.57 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG016182.D

Acq: 27 Mar 2015 18:54

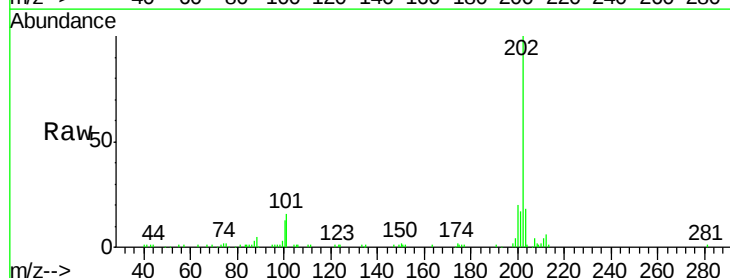
Tgt Ion:202 Resp: 49824

Ion Ratio Lower Upper

202 100

101 16.0 14.6 21.8

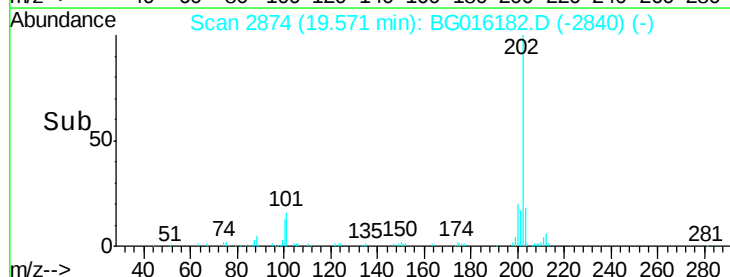
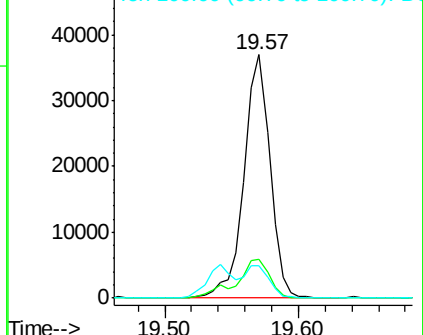
100 13.5 12.1 18.1

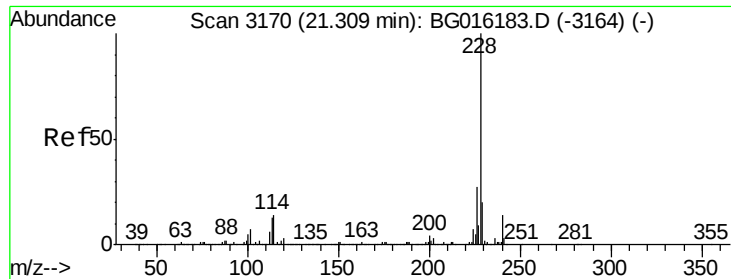


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.39 ng/ul

RT: 21.31 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG016182.D

Acq: 27 Mar 2015 18:54

Instrument :

BNA_G

ClientSampleId :

C0AD7

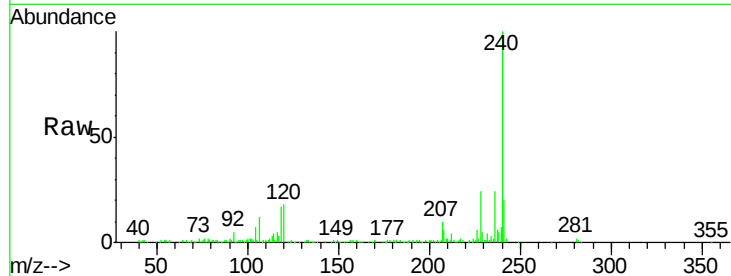
Tgt Ion:228 Resp: 25549

Ion Ratio Lower Upper

228 100

229 21.2 16.2 24.4

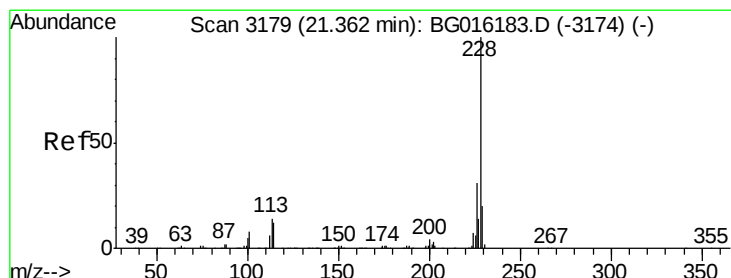
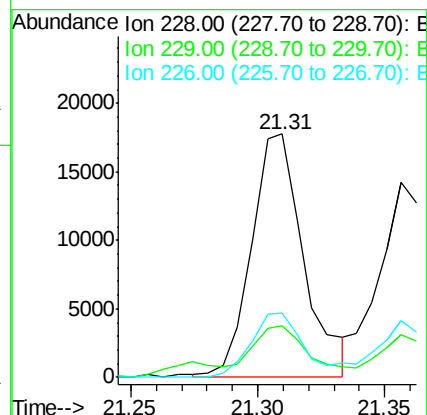
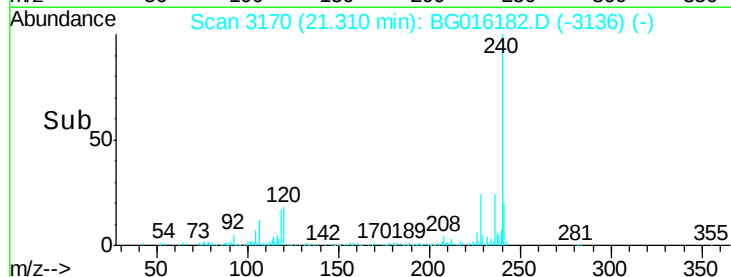
226 26.4 22.4 33.6



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: 1.11 ng/ul

RT: 21.36 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG016182.D

Acq: 27 Mar 2015 18:54

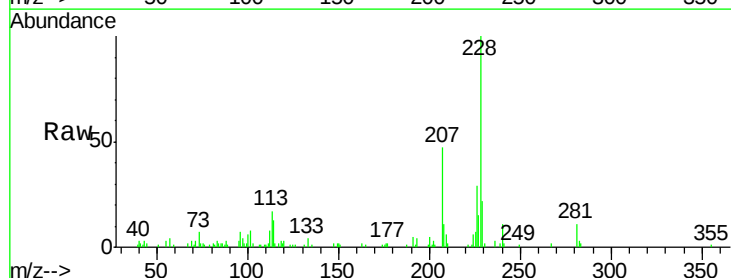
Tgt Ion:228 Resp: 19473

Ion Ratio Lower Upper

228 100

226 29.2 24.6 36.8

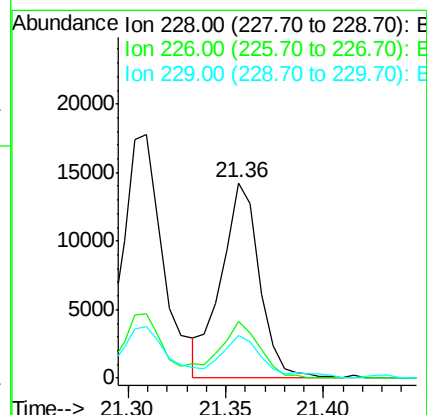
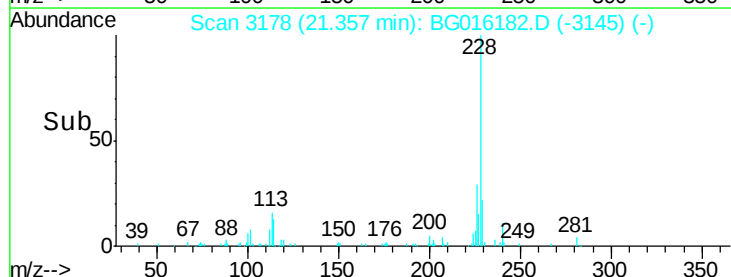
229 21.8 16.6 25.0

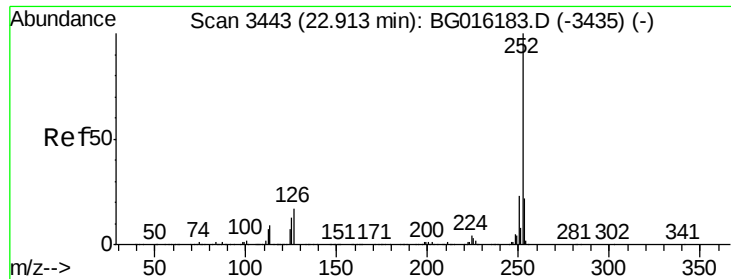


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

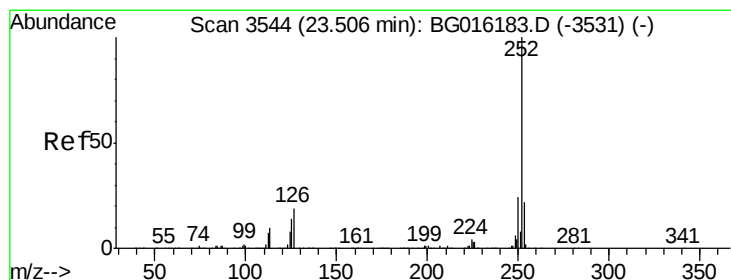
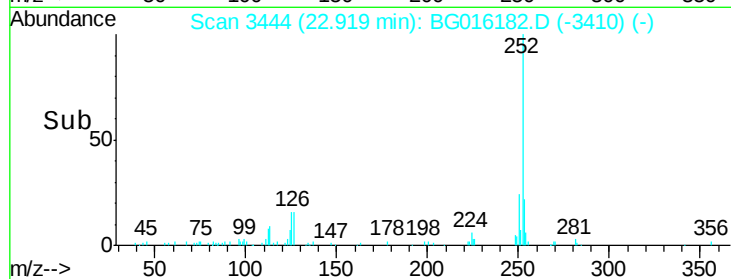
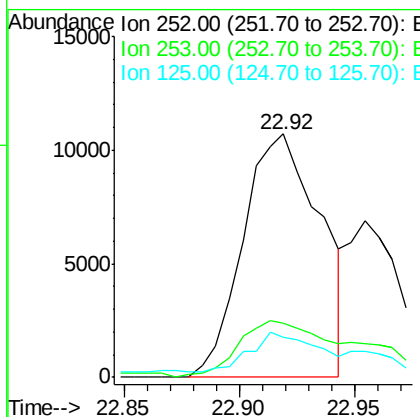
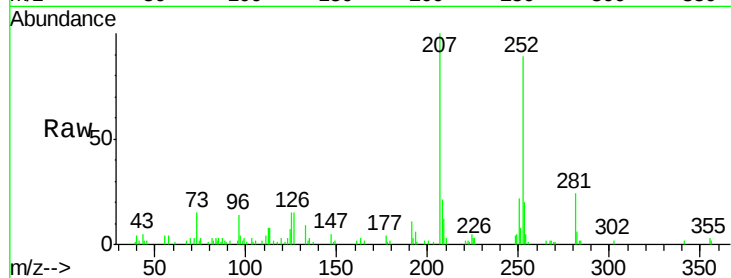




#85
Benzo(b)fluoranthene
Concen: 1.39 ng/ul
RT: 22.92 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BG016182.D
Acq: 27 Mar 2015 18:54

Instrument :
BNA_G
ClientSampleId :
C0AD7

Tgt Ion:252 Resp: 24992
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 16.5 11.0 16.6



#88
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 23.51 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG016182.D
Acq: 27 Mar 2015 18:54

Tgt Ion:252 Resp: 18700
Ion Ratio Lower Upper
252 100
253 24.8 17.6 26.4
125 16.2 11.5 17.3

