

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
 Data File : BG016181.D
 Acq On : 27 Mar 2015 18:19
 Operator : TP/IZ
 Sample : G1647-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 03:32:48 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	51139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	231703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	144430	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	309124	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	317234	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	313532	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	136233	29.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	71156	28.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	106661	30.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	99853	28.91	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	57353	31.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	62682	35.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	99584	30.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	143935	32.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	303880	32.27	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	407364	31.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	62388	27.74	ng/ul	0.00
57) Fluorene-d10	15.41	176	291346	30.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	40471	25.05	ng/ul	0.00
70) Anthracene-d10	17.25	188	425150	30.11	ng/ul	0.00
76) Pyrene-d10	19.54	212	446617	31.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	401406	29.35	ng/ul	0.00

Target Compounds

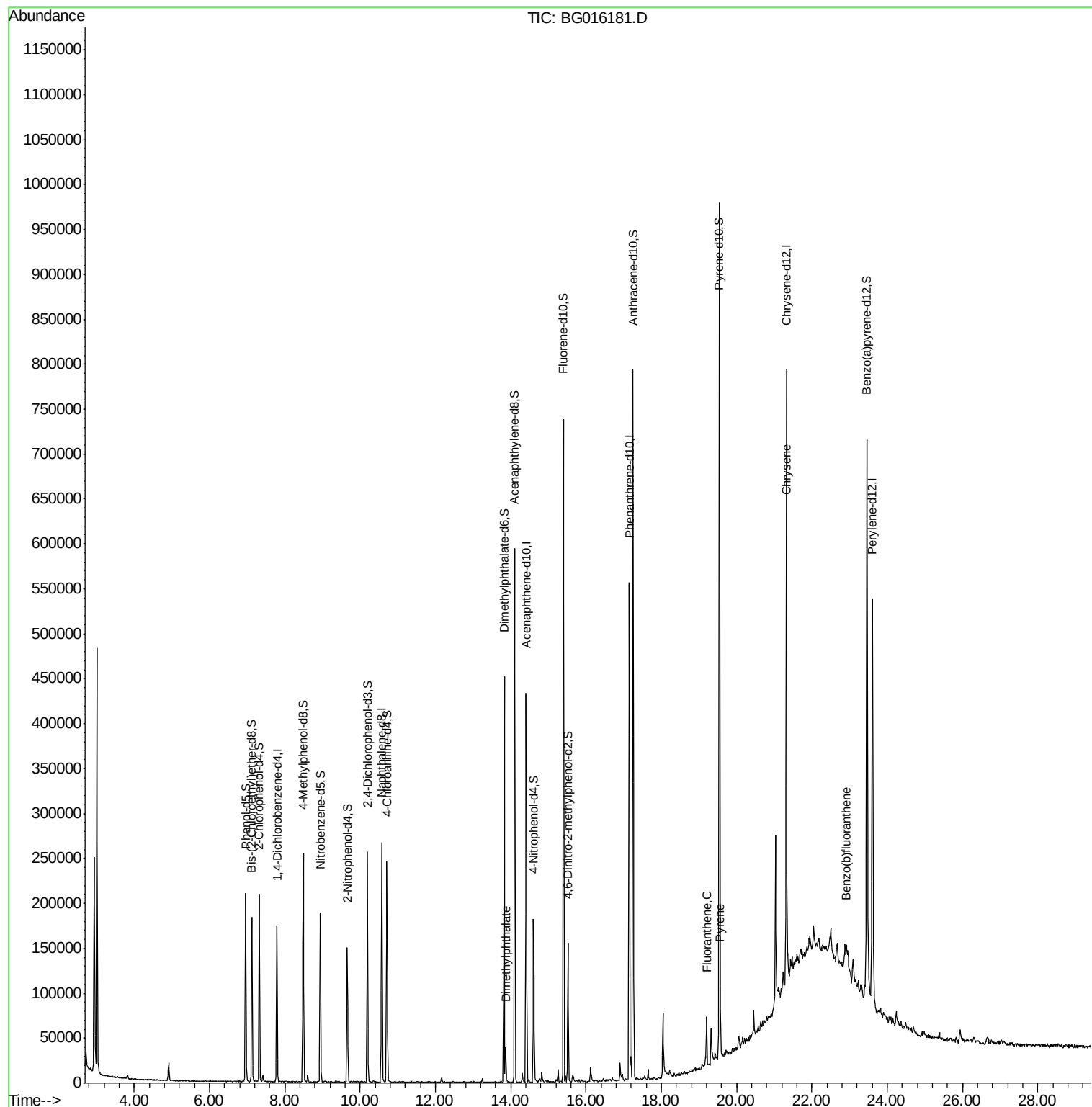
						Ovalue
44) Dimethylphthalate	13.87	163	25980	2.43	ng/ul	99
74) Fluoranthene	19.21	202	27897	1.40	ng/ul	96
77) Pyrene	19.57	202	28190	1.44	ng/ul	95
82) Chrysene	21.31	228	17157	1.00	ng/ul	93
85) Benzo(b)fluoranthene	22.92	252	24406	1.36	ng/ul#	82

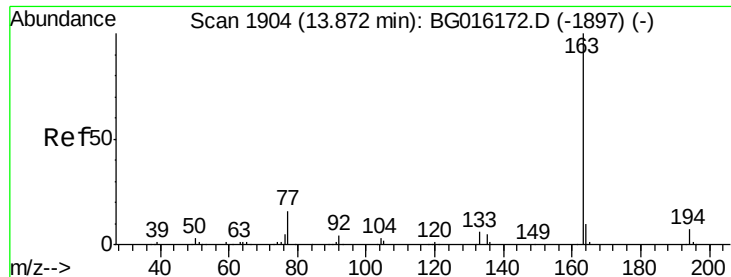
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.43 ng/ul

RT: 13.87 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG016181.D

Acq: 27 Mar 2015 18:19

Instrument :

BNA_G

ClientSampleId :

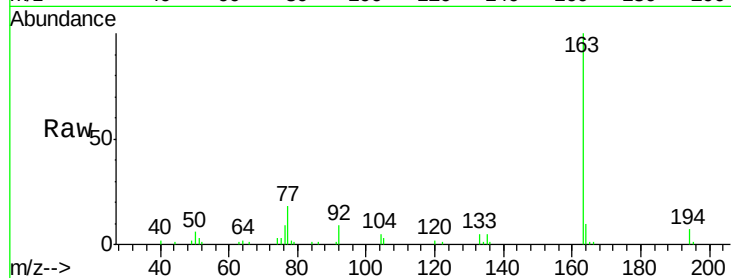
Tot Ion:163 Resp: 25980

Ion Ratio Lower Upper

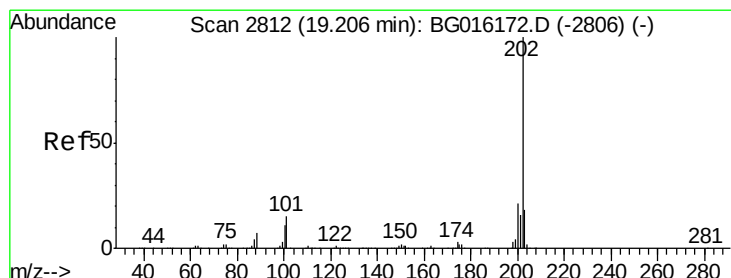
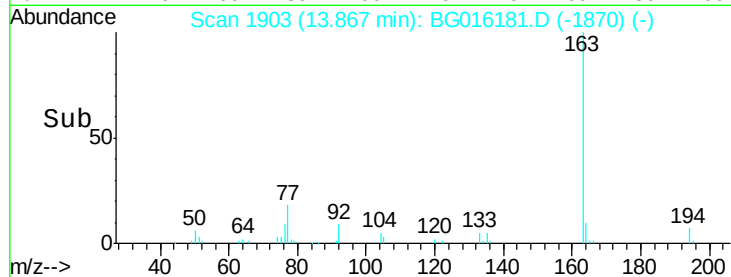
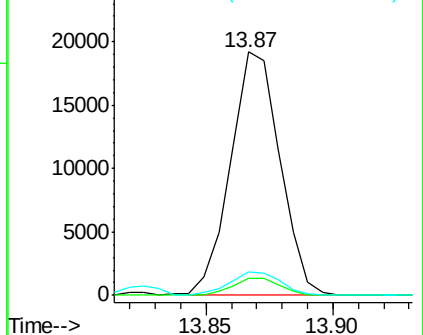
163 100

194 7.2 5.4 8.0

164 9.8 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: 1.40 ng/ul

RT: 19.21 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG016181.D

Acq: 27 Mar 2015 18:19

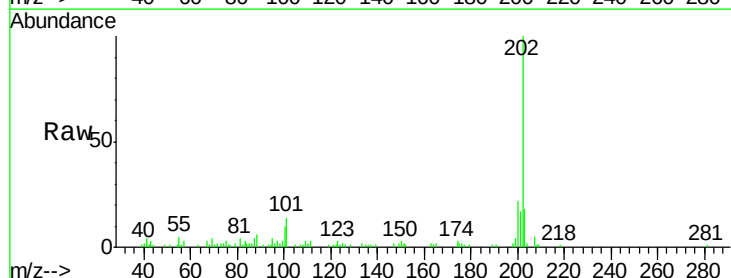
Tgt Ion:202 Resp: 27897

Ion Ratio Lower Upper

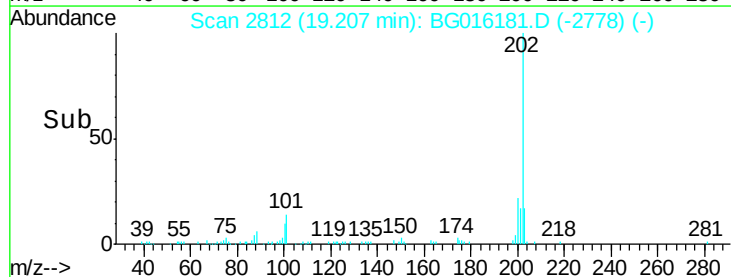
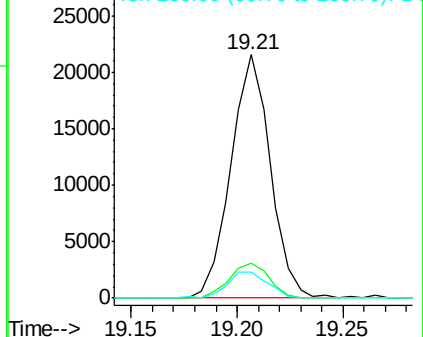
202 100

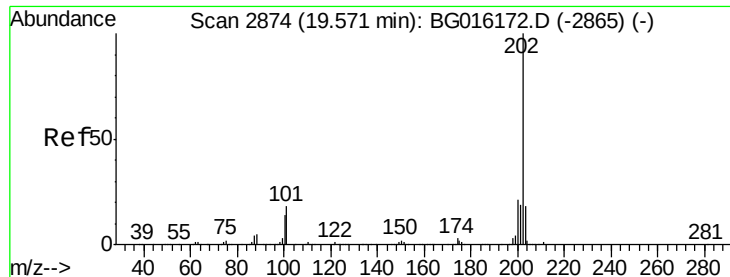
101 14.3 12.9 19.3

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: 1.44 ng/ul

RT: 19.57 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG016181.D

Acq: 27 Mar 2015 18:19

Instrument :

BNA_G

ClientSampled :

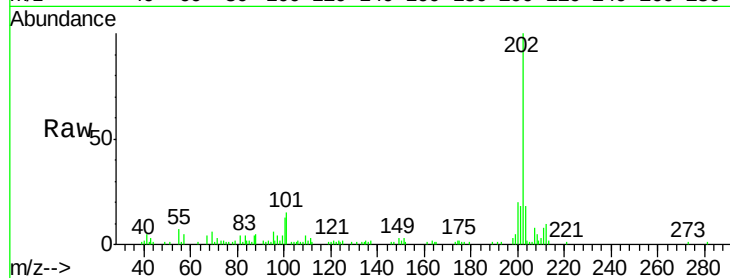
Tot Ion:202 Resp: 28190

Ion Ratio Lower Upper

202 100

101 15.3 14.6 21.8

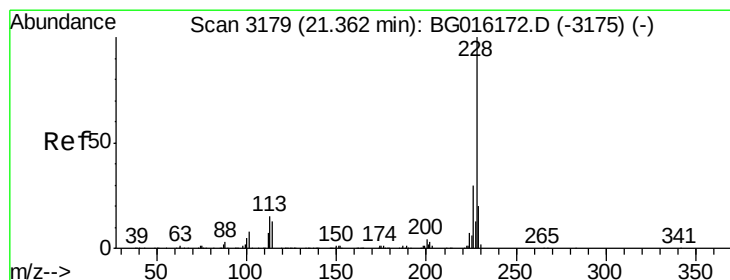
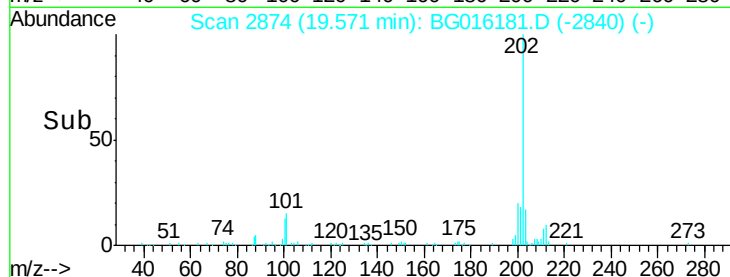
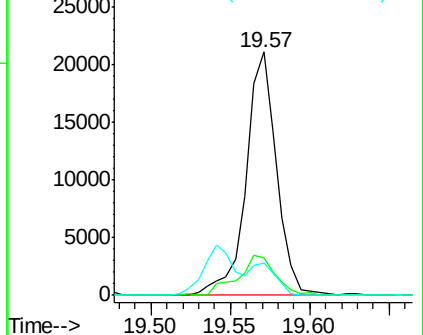
100 13.5 12.1 18.1



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): E



#82

Chrysene

Concen: 1.00 ng/ul

RT: 21.31 min Scan# 3170

Delta R.T. -0.05 min

Lab File: BG016181.D

Acq: 27 Mar 2015 18:19

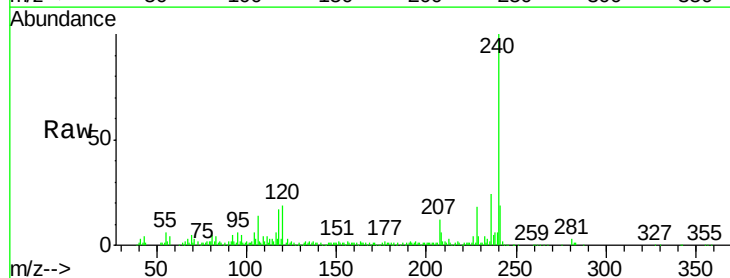
Tgt Ion:228 Resp: 17157

Ion Ratio Lower Upper

228 100

226 25.0 24.6 36.8

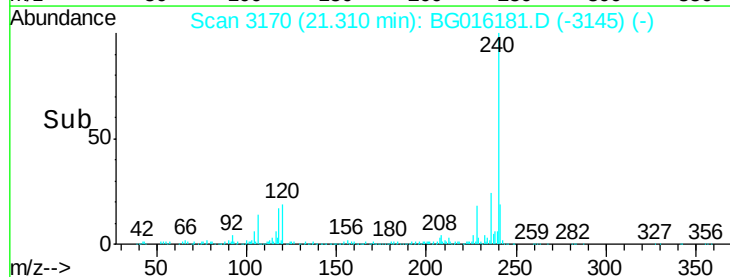
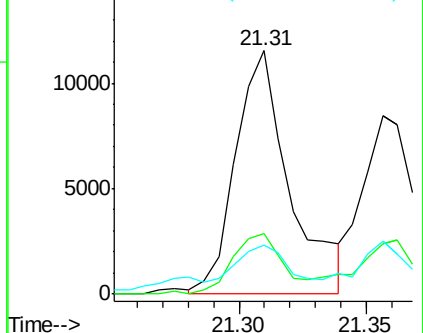
229 20.2 16.6 25.0

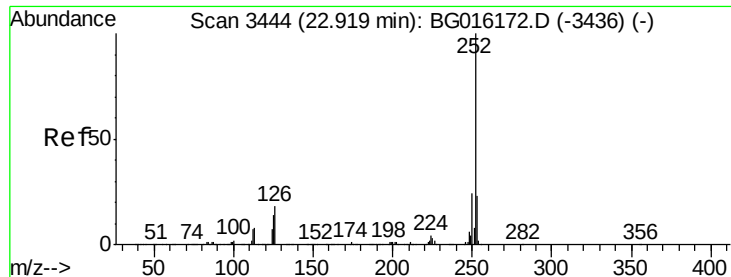


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.36 ng/ul

RT: 22.92 min Scan# 3444

Delta R.T. 0.00 min

Lab File: BG016181.D

Acq: 27 Mar 2015 18:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 252 Resp: 24406

Ion Ratio Lower Upper

252 100

253 28.5 17.9 26.9#

125 25.0 11.0 16.6#

