

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023471.D
 Acq On : 5 Aug 2016 3:46
 Operator : UM/SJ
 Sample : H4208-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJK4

Quant Time: Aug 05 06:48:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 03:48:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	117331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	587463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	463217	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1109700	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1096180	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1128783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	4013	1.45	ng/uL	0.00
5) Phenol-d5	7.27	99	206756	17.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	150708	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	149337	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	169245	18.34	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	81318	17.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	90148	16.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	164358	16.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	218013	18.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	684107	18.04	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	793634	18.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	93346	14.42	ng/ul	0.00
57) Fluorene-d10	15.78	176	652656	18.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	76041	10.68	ng/ul	0.00
70) Anthracene-d10	17.64	188	1020962	20.42	ng/ul	0.00
76) Pyrene-d10	19.93	212	1121472	20.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1005268	19.68	ng/ul	0.00

Target Compounds

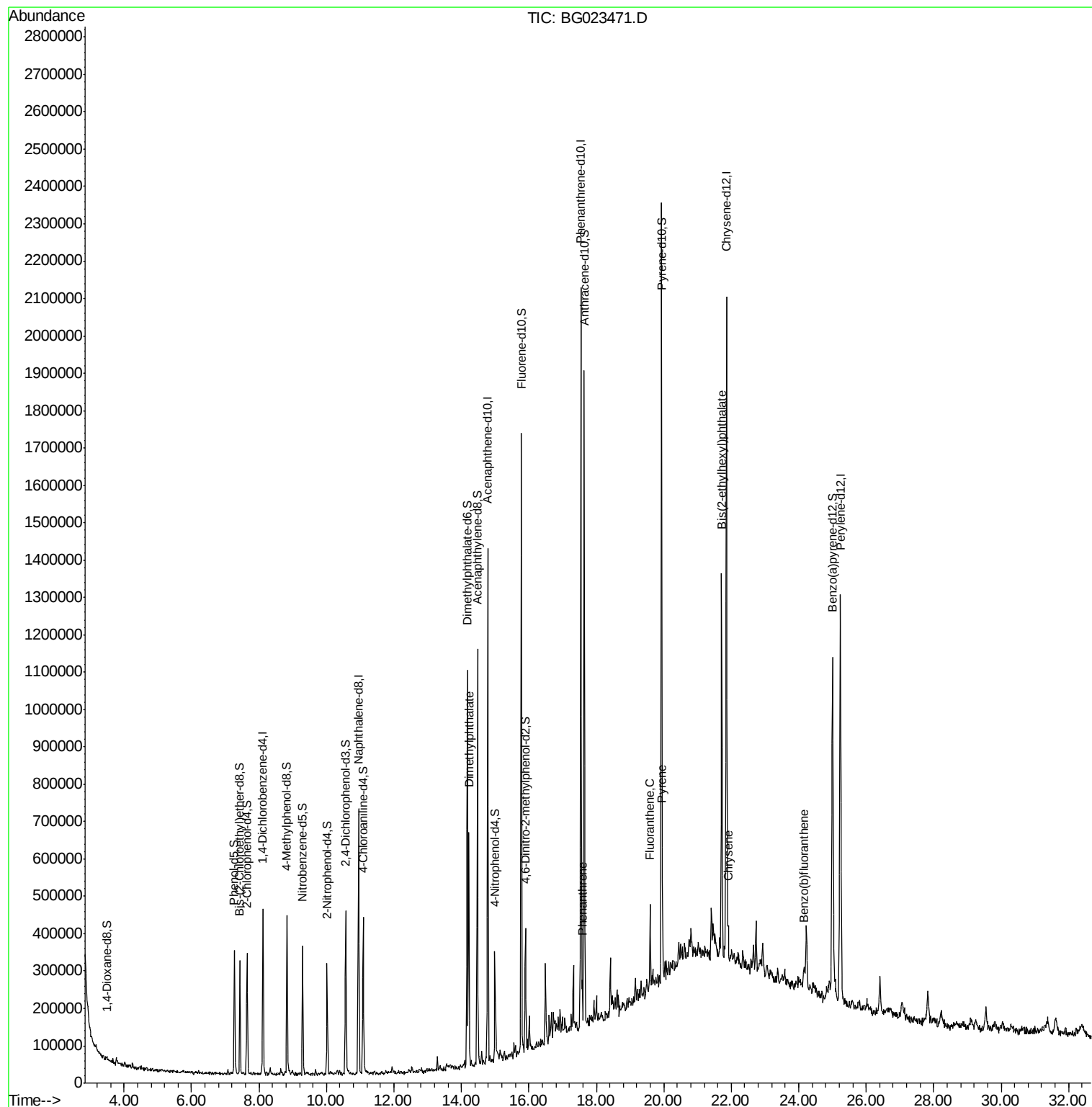
						Ovalue
44) Dimethylphthalate	14.22	163	383722	10.22	ng/ul	97
69) Phenanthrene	17.58	178	74763	1.30	ng/ul	96
74) Fluoranthene	19.60	202	137654	2.34	ng/ul#	91
77) Pyrene	19.96	202	131765	1.94	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.71	149	401865	11.63	ng/ul	96
82) Chrysene	21.90	228	67746	1.21	ng/ul#	90
85) Benzo(b)fluoranthene	24.16	252	69996	1.09	ng/ul	97

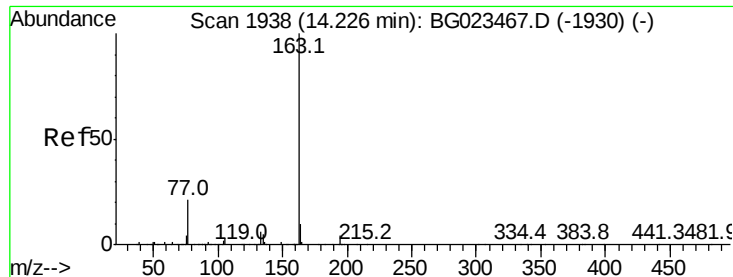
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 10.22 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG023471.D

Acq: 5 Aug 2016 3:46

Instrument :

BNA_G

ClientSampleId :

BDJK4

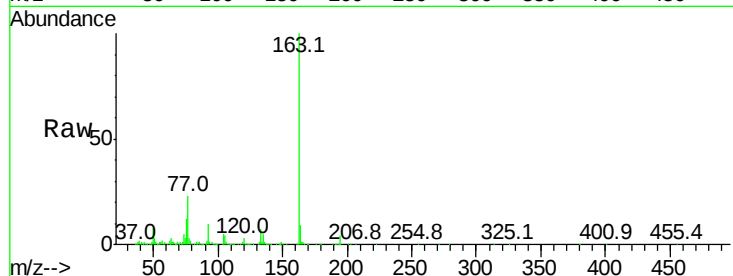
Tot Ion:163 Resp: 383722

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

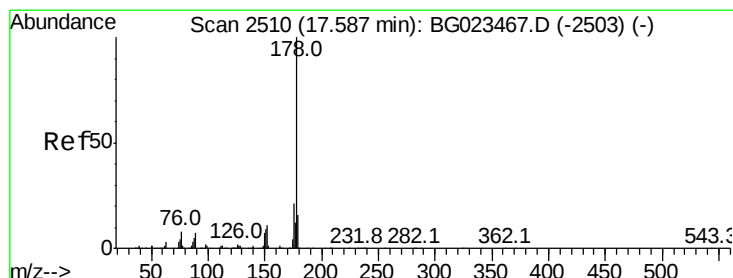
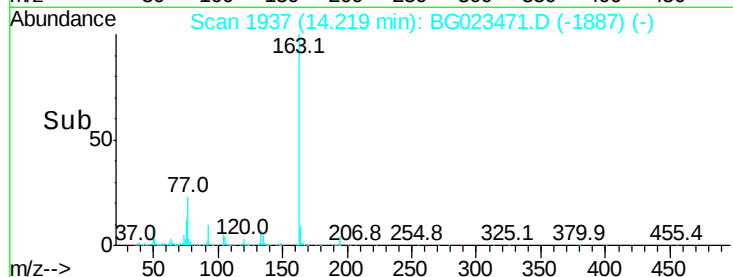
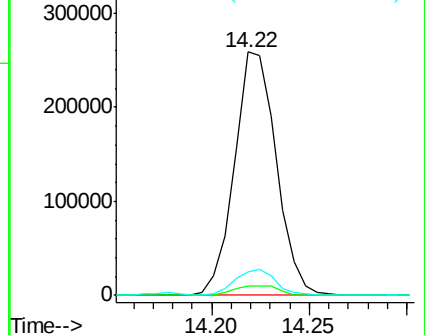
164 9.4 8.8 13.2



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: 1.30 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG023471.D

Acq: 5 Aug 2016 3:46

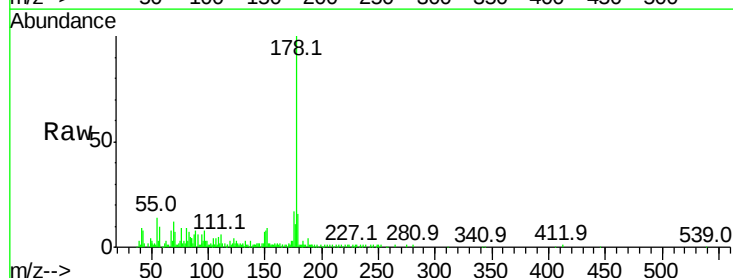
Tgt Ion:178 Resp: 74763

Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

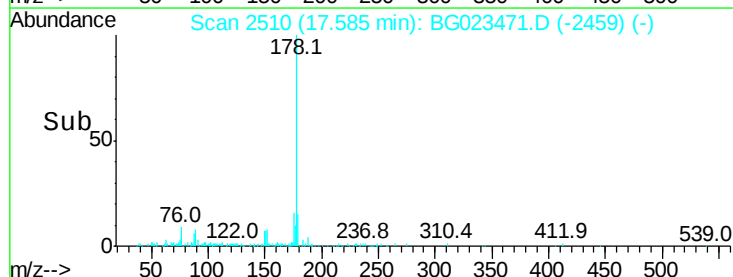
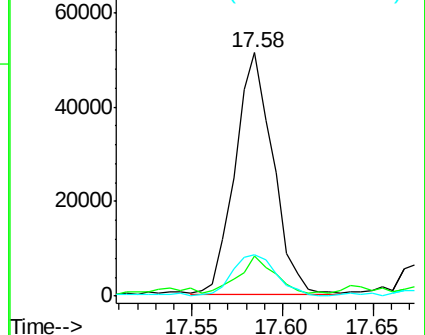
176 16.8 15.8 23.8

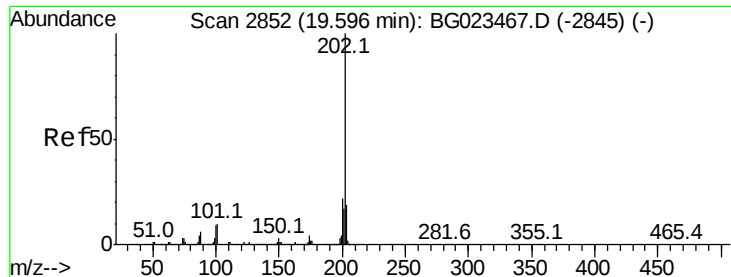


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.34 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023471.D

Acq: 5 Aug 2016 3:46

Instrument :

BNA_G

ClientSampleId :

BDJK4

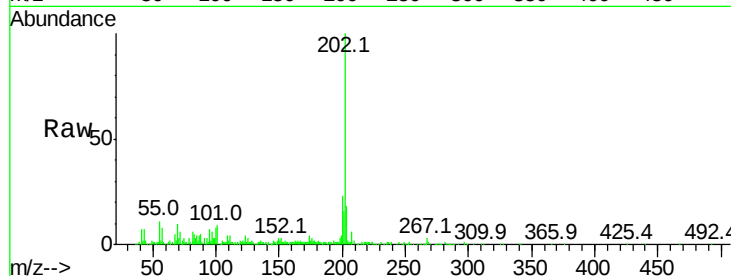
Tot Ion:202 Resp: 137654

Ion Ratio Lower Upper

202 100

101 9.2 10.6 16.0#

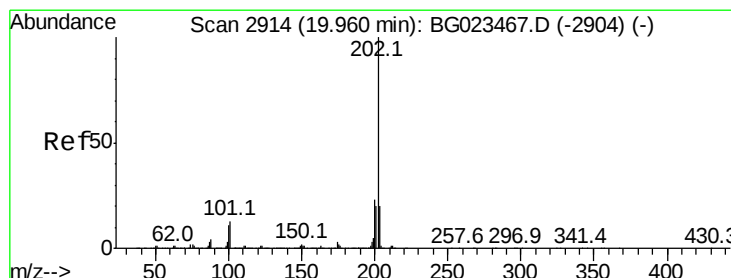
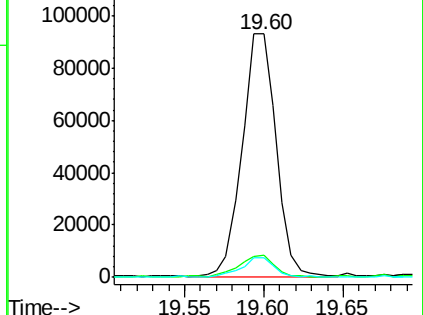
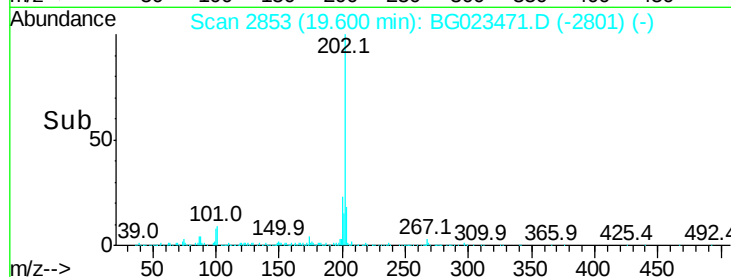
100 8.0 8.7 13.1#



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



#77

Pyrene

Concen: 1.94 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG023471.D

Acq: 5 Aug 2016 3:46

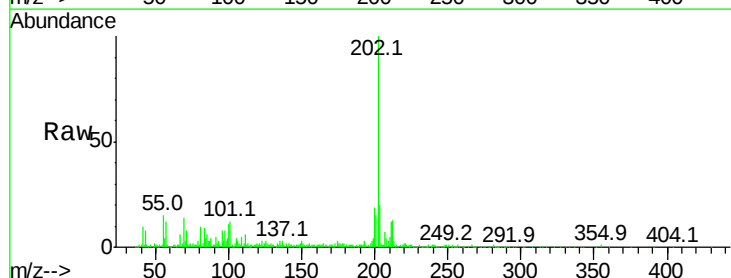
Tgt Ion:202 Resp: 131765

Ion Ratio Lower Upper

202 100

101 11.9 12.5 18.7#

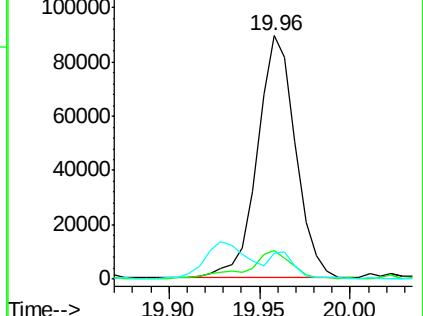
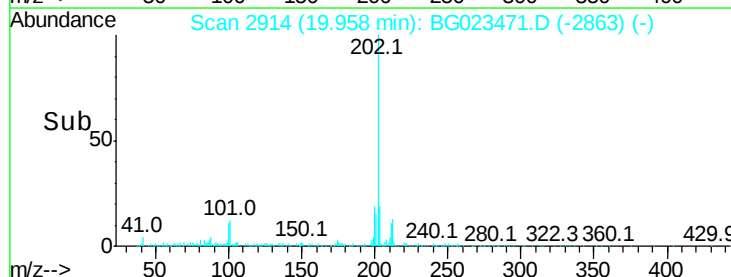
100 10.8 10.2 15.4

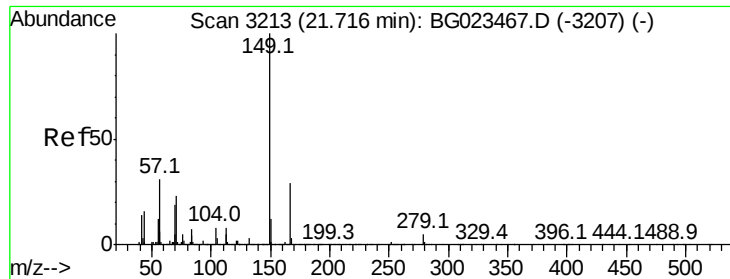


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

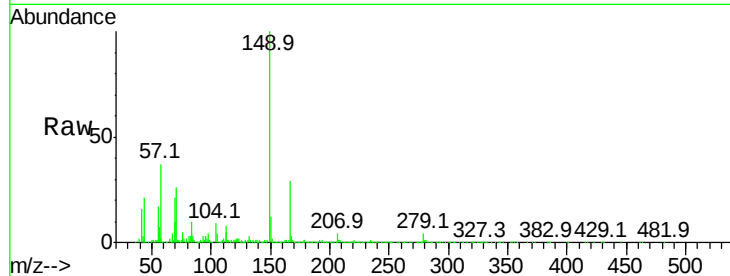




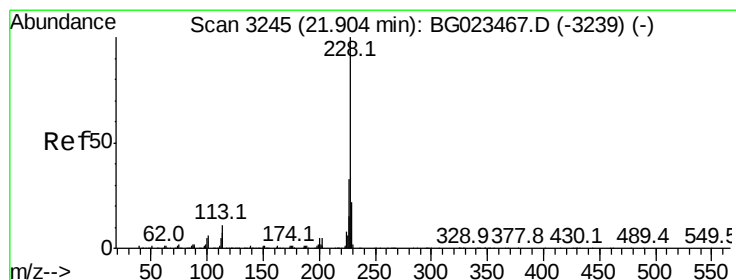
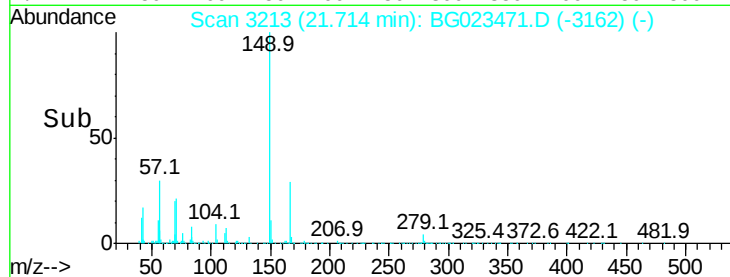
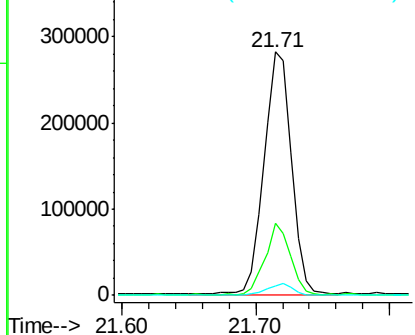
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 11.63 ng/ul
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG023471.D
 Acq: 5 Aug 2016 3:46

Instrument :
 BNA_G
 ClientSampleId :
 BDJK4

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	21.9	32.9
279	4.0	2.9	4.3

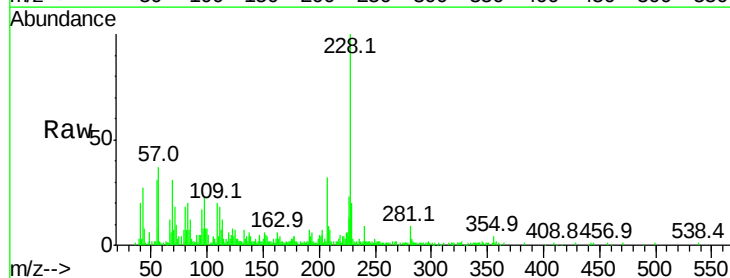


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

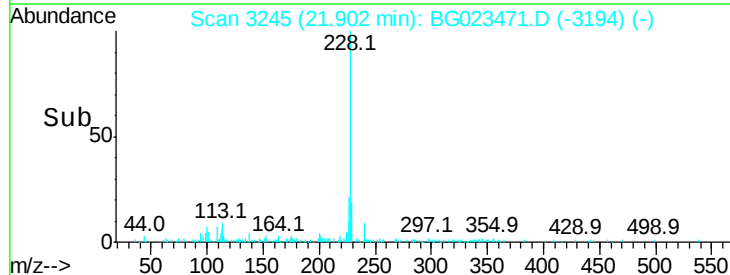
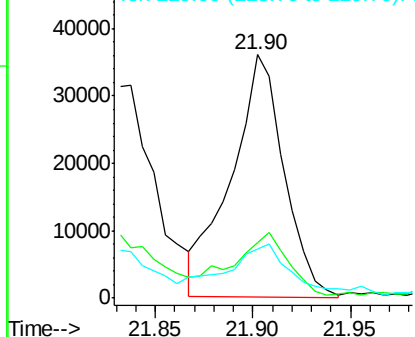


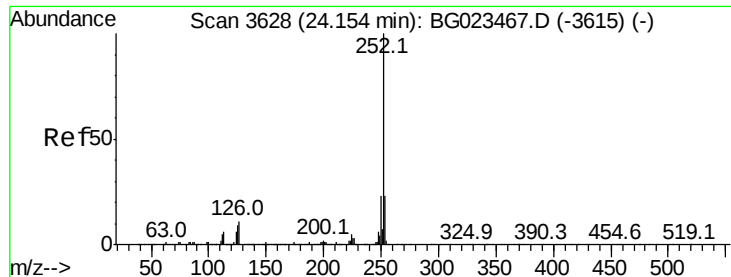
#82
 Chrysene
 Concen: 1.21 ng/ul
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: BG023471.D
 Acq: 5 Aug 2016 3:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	22.7	24.2	36.4#
229	20.2	15.0	22.6



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: 1.09 ng/ul

RT: 24.16 min Scan# 3630

Delta R.T. 0.01 min

Lab File: BG023471.D

Acq: 5 Aug 2016 3:46

Instrument :

BNA_G

ClientSampleId :

BDJK4

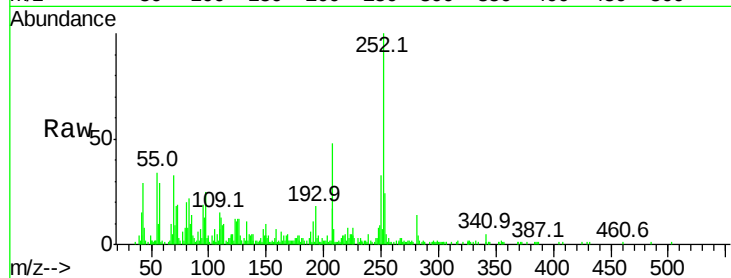
Tot Ion:252 Resp: 69996

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

125 12.3 10.8 16.2



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

