

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021407.D
 Acq On : 10 Mar 2016 14:16
 Operator : UM/SJ
 Sample : H1616-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P003-SS001-01

Quant Time: Mar 11 11:58:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:30:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	12323	20.00	ng/ul	0.01
18) Naphthalene-d8	10.93	136	67964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	44993	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	93453	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	123997	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	117749	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	809	3.08	ng/uL	0.00
5) Phenol-d5	7.30	99	26128	18.73	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	17395	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	18494	19.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	18306	16.23	ng/ul	0.02
19) Nitrobenzene-d5	9.30	128	10865	19.84	ng/ul	0.01
22) 2-Nitrophenol-d4	10.01	143	12079	20.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	20498	18.76	ng/ul	0.03
29) 4-Chloroaniline-d4	11.07	131	21385	14.92	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	78040	20.04	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	100116	21.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	6295	8.55	ng/ul	0.07
58) Fluorene-d10	15.72	176	69632	20.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	5762	9.22	ng/ul	0.00
71) Anthracene-d10	17.57	188	96285	20.64	ng/ul	0.00
79) Pyrene-d10	19.85	212	117460	18.57	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.79	264	132992	21.12	ng/ul	0.02

Target Compounds

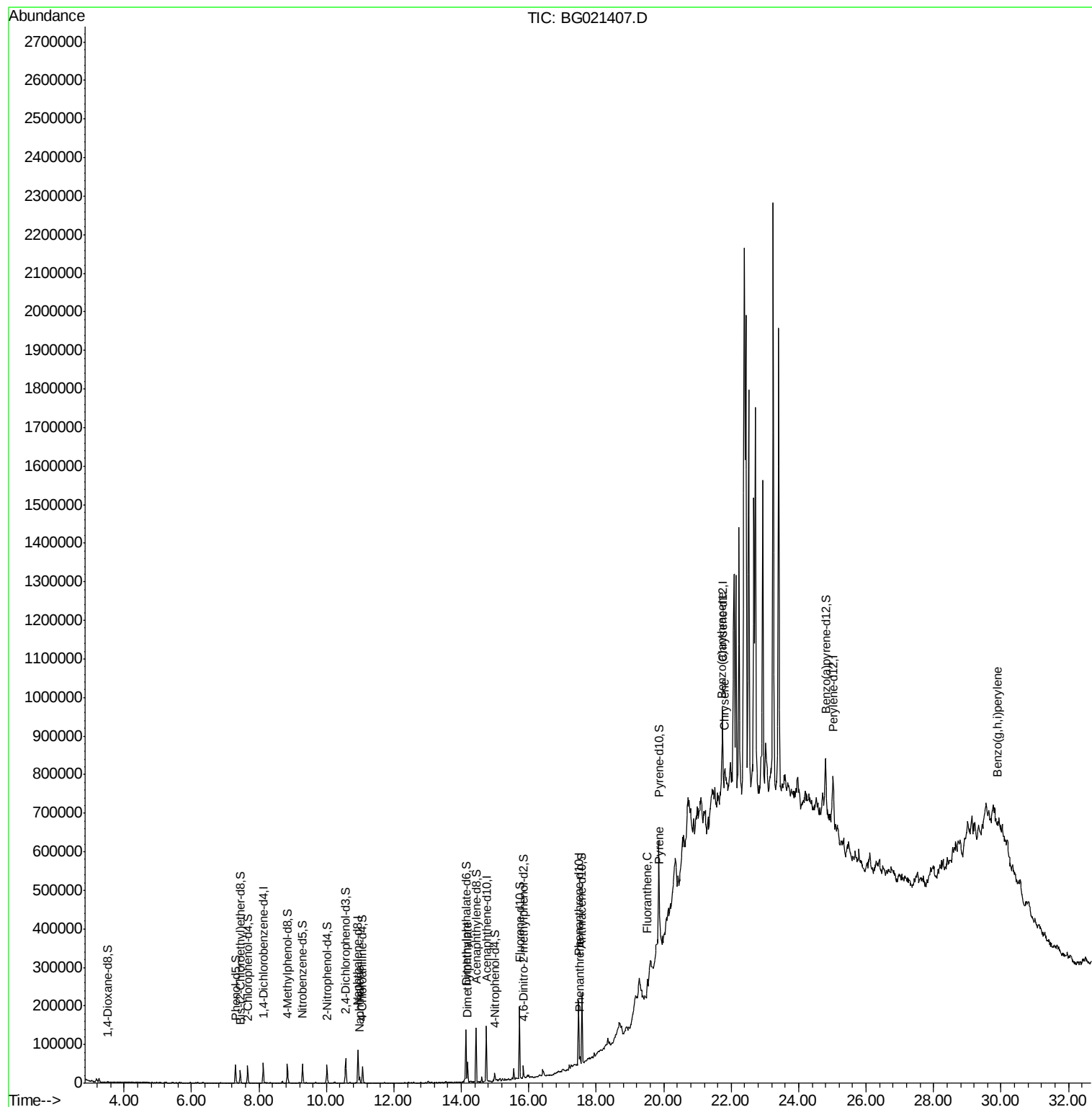
						Qvalue
28) Naphthalene	10.99	128	12139	3.19	ng/ul#	97
45) Dimethylphthalate	14.18	163	27714	6.66	ng/ul	99
70) Phenanthrene	17.52	178	12952	2.33	ng/ul#	96
77) Fluoranthene	19.52	202	19025	2.96	ng/ul	98
80) Pyrene	19.88	202	21665	2.61	ng/ul	100
83) Benzo(a)anthracene	21.72	228	14190	1.75	ng/ul#	76
85) Chrysene	21.79	228	16576	2.21	ng/ul#	77
94) Benzo(g,h,i)perylene	29.89	276	14482	2.02	ng/ul#	84

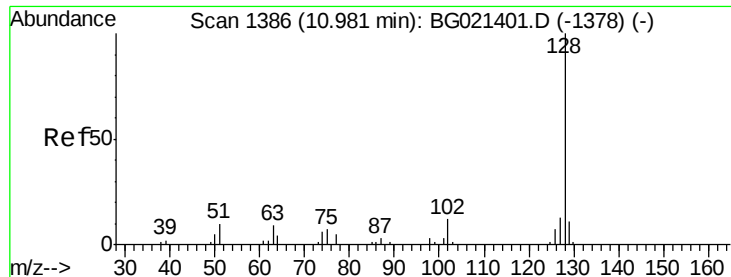
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 3.19 ng/ul

RT: 10.99 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BG021407.D

Acq: 10 Mar 2016 14:16

Instrument :

BNA_G

ClientSampleId :

BLDG06-P003-SS001-01

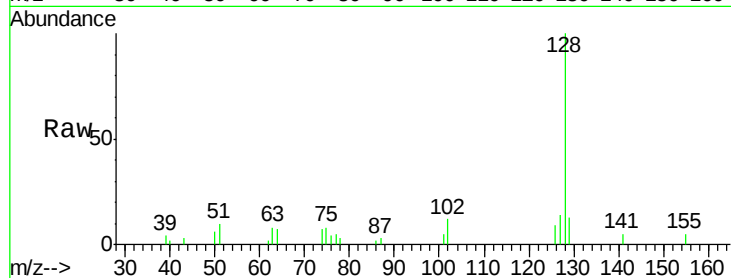
Tgt Ion:128 Resp: 12139

Ion Ratio Lower Upper

128 100

129 12.7 8.3 12.5#

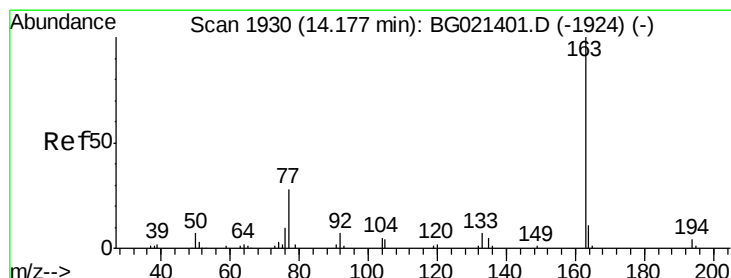
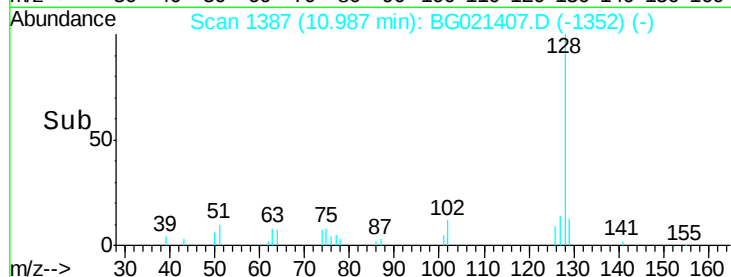
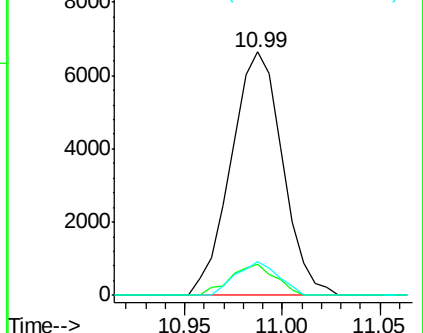
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 6.66 ng/ul

RT: 14.18 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BG021407.D

Acq: 10 Mar 2016 14:16

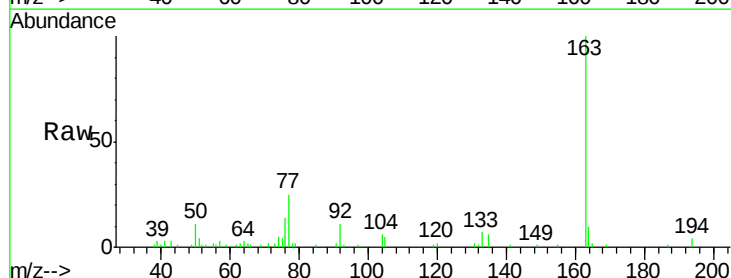
Tgt Ion:163 Resp: 27714

Ion Ratio Lower Upper

163 100

194 4.4 3.9 5.9

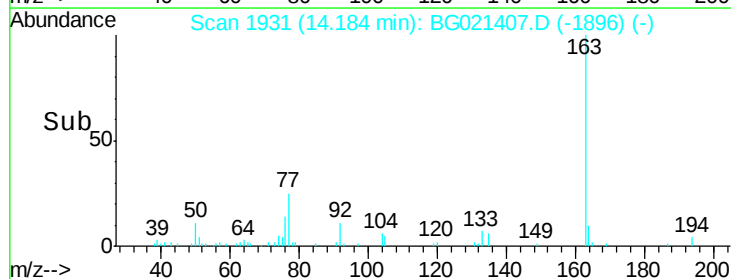
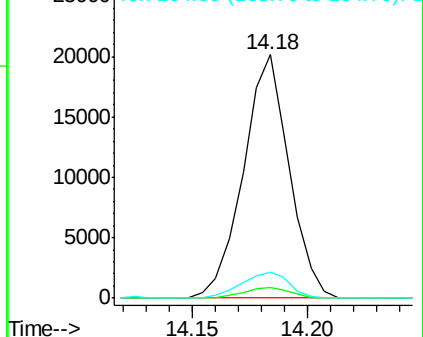
164 10.4 8.7 13.1

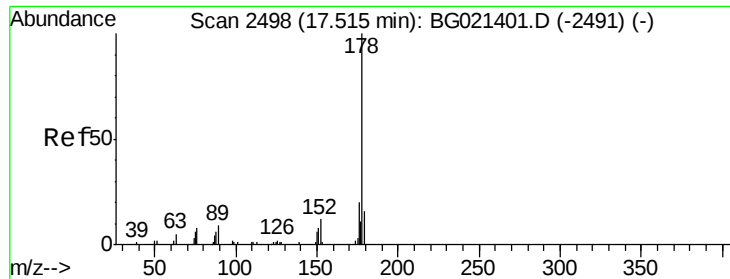


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.33 ng/ul

RT: 17.52 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG021407.D

Acq: 10 Mar 2016 14:16

Instrument :

BNA_G

ClientSampleId :

BLDG06-P003-SS001-01

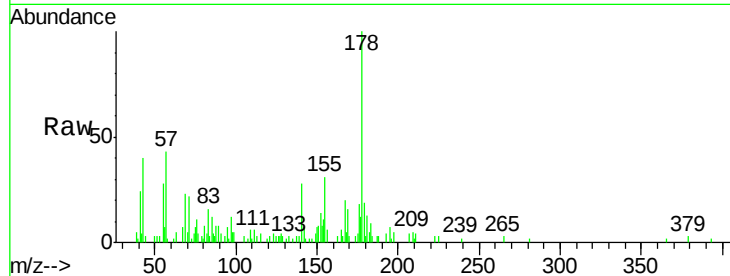
Tgt Ion:178 Resp: 12952

Ion Ratio Lower Upper

178 100

179 18.9 11.8 17.8#

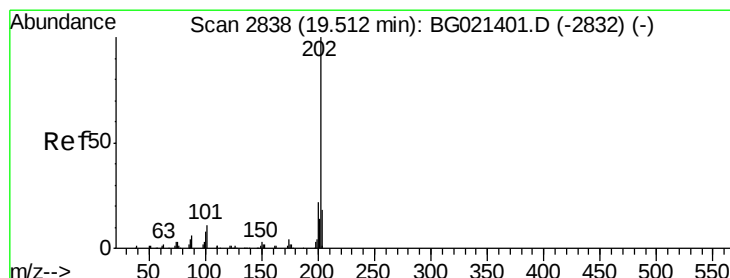
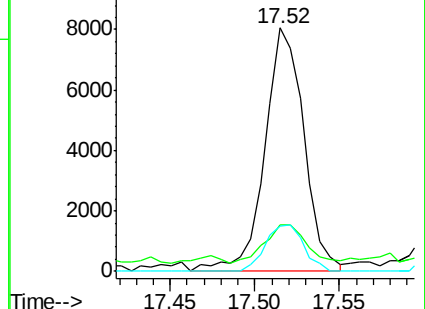
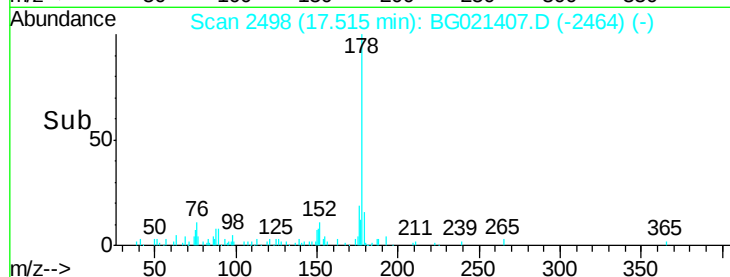
176 18.4 14.8 22.2



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



#77

Fluoranthene

Concen: 2.96 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG021407.D

Acq: 10 Mar 2016 14:16

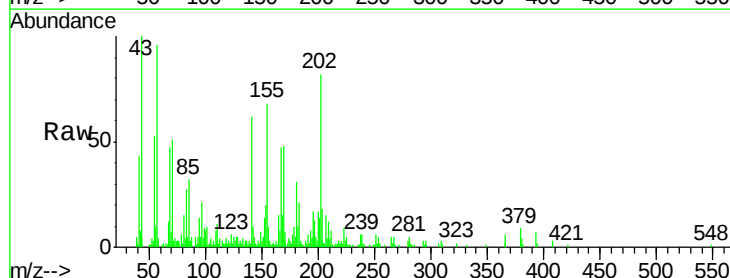
Tgt Ion:202 Resp: 19025

Ion Ratio Lower Upper

202 100

101 12.1 8.9 13.3

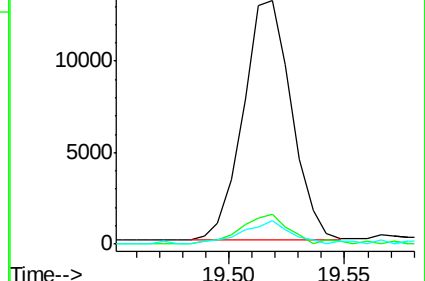
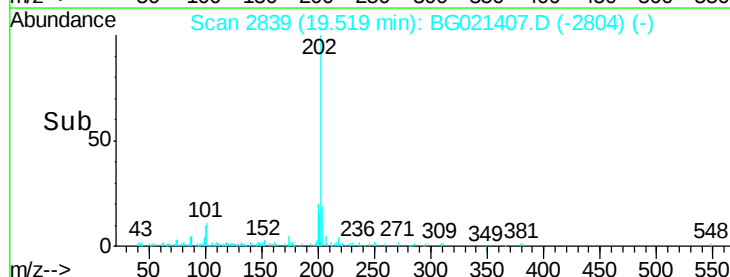
100 9.4 7.0 10.4

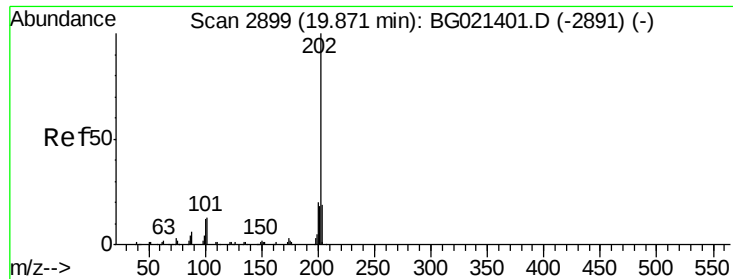


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

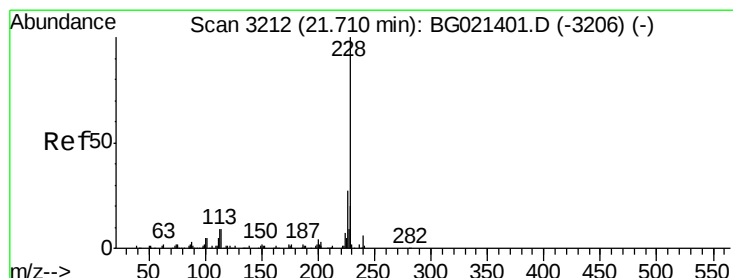
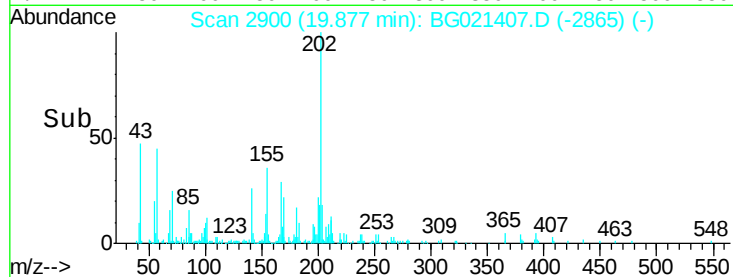
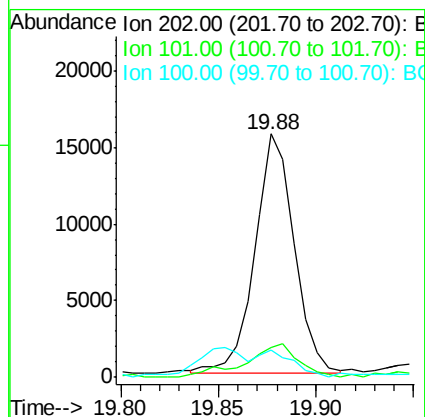
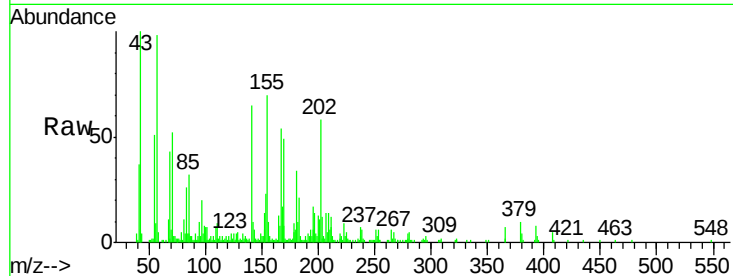




#80
 Pyrene
 Concen: 2.61 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.01 min
 Lab File: BG021407.D
 Acq: 10 Mar 2016 14:16

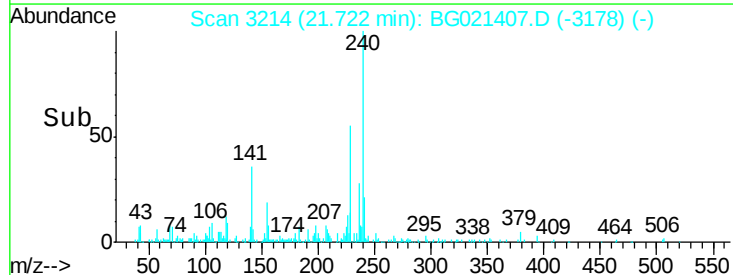
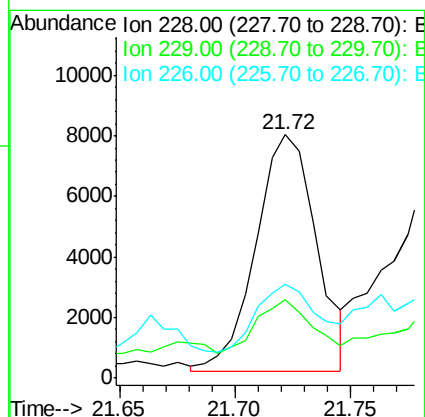
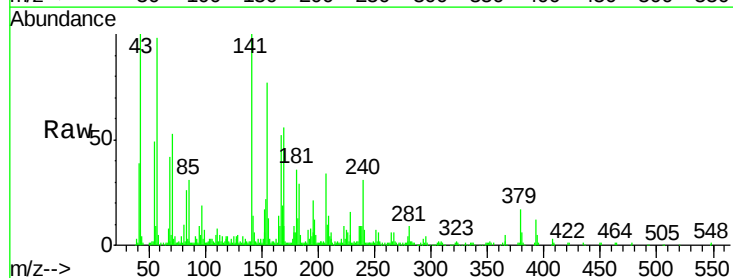
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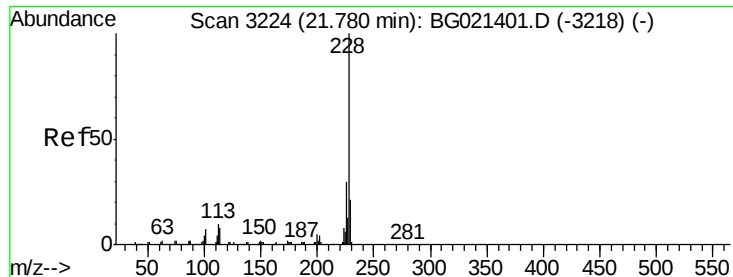
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	11.3	9.3	13.9



#83
 Benzo(a)anthracene
 Concen: 1.75 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BG021407.D
 Acq: 10 Mar 2016 14:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	32.0	16.6	25.0#
226	38.5	21.0	31.4#





#85

Chrysene

Concen: 2.21 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BG021407.D

Acq: 10 Mar 2016 14:16

Instrument :

BNA_G

ClientSampleId :

BLDG06-P003-SS001-01

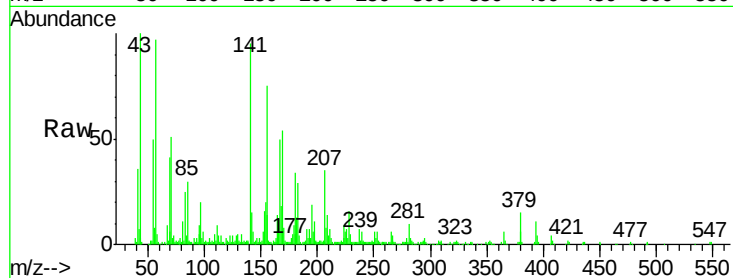
Tgt Ion:228 Resp: 16576

Ion Ratio Lower Upper

228 100

226 42.3 23.4 35.2#

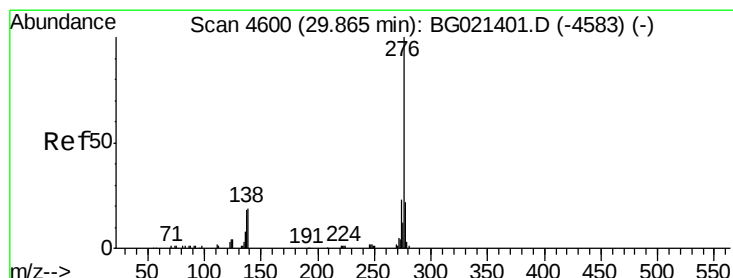
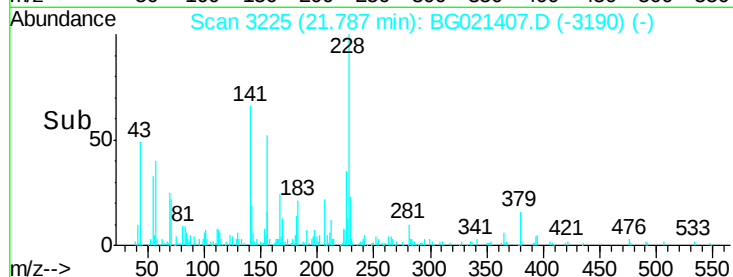
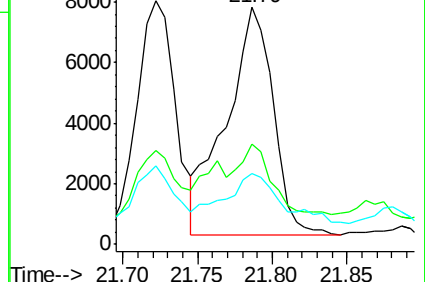
229 30.0 16.2 24.2#



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



#94

Benzo(g,h,i)perylene

Concen: 2.02 ng/ul

RT: 29.89 min Scan# 4605

Delta R.T. 0.03 min

Lab File: BG021407.D

Acq: 10 Mar 2016 14:16

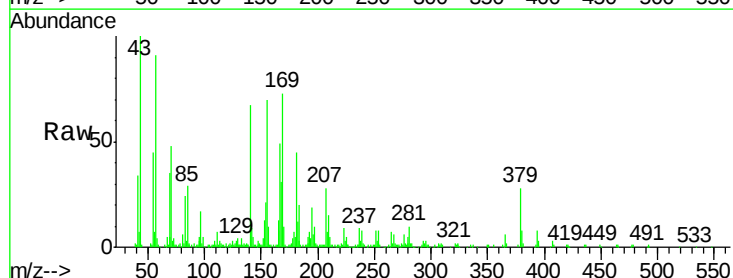
Tgt Ion:276 Resp: 14482

Ion Ratio Lower Upper

276 100

138 21.5 13.9 20.9#

277 35.2 19.8 29.6#



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

