

Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
 Data File : BG020320.D
 Acq On : 19 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4866-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L4

Quant Time: Dec 29 08:24:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19965	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	87064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63117	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	156639	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	196002	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	185888	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2119	5.86	ng/uL	0.00
5) Phenol-d5	7.24	99	52230	29.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	34416	32.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	40964	31.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	45173	30.00	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22805	33.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	26682	35.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	50490	33.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	63897	37.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	176564	34.58	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	204666	34.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	25897	28.28	ng/ul	0.00
58) Fluorene-d10	15.71	176	157766	34.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	24947	26.87	ng/ul	0.00
71) Anthracene-d10	17.56	188	252249	34.95	ng/ul	0.00
79) Pyrene-d10	19.85	212	305110	33.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	347577	37.49	ng/ul	0.00

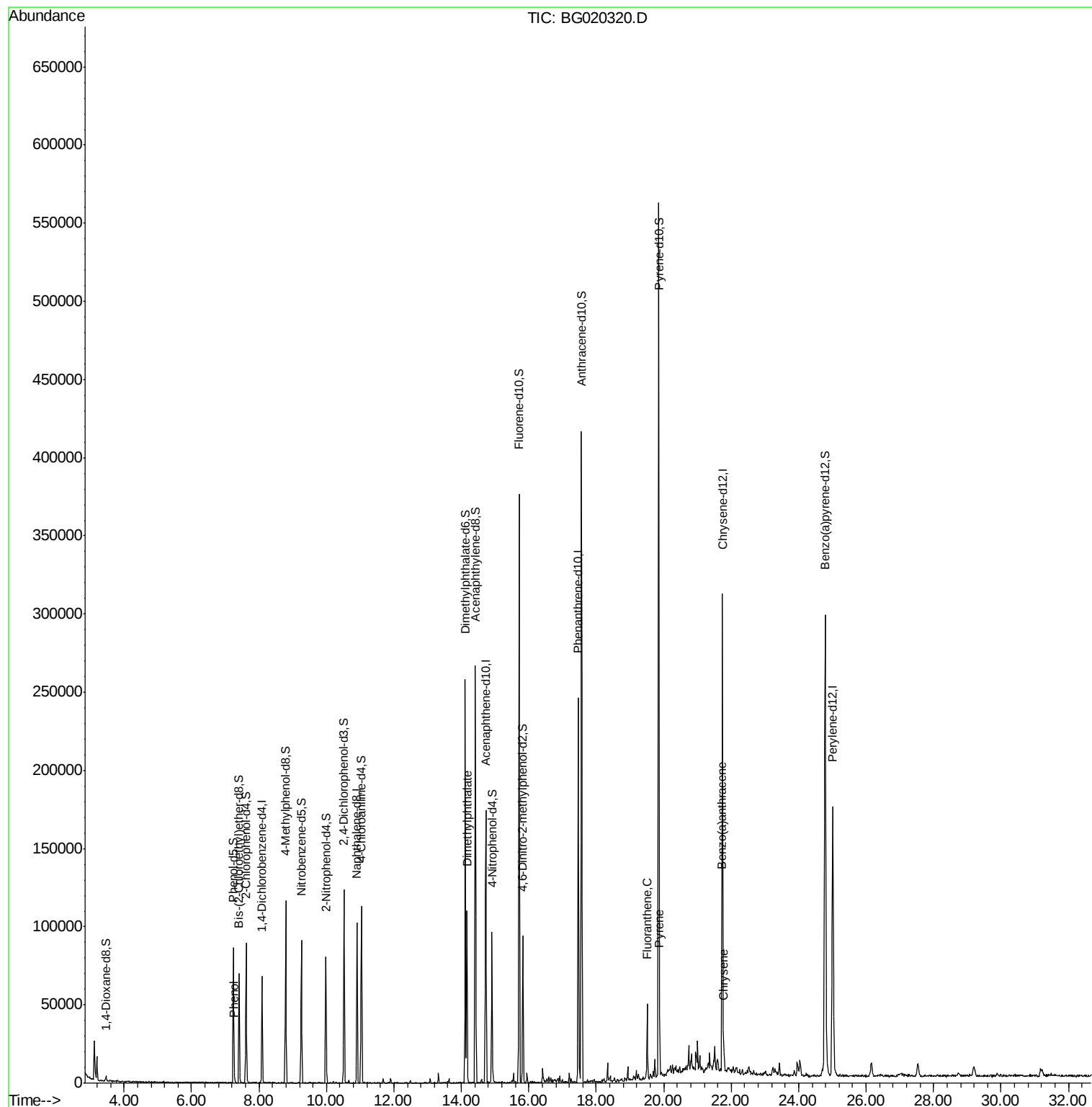
Target Compounds				Ovalue		
6) Phenol	7.27	94	2698	1.43	ng/ul#	87
45) Dimethylphthalate	14.17	163	70288	13.48	ng/ul	100
77) Fluoranthene	19.51	202	28189	2.82	ng/ul	99
80) Pyrene	19.88	202	25174	2.12	ng/ul	97
83) Benzo(a)anthracene	21.72	228	12336	1.08	ng/ul	98
85) Chrysene	21.79	228	10976	1.02	ng/ul	96

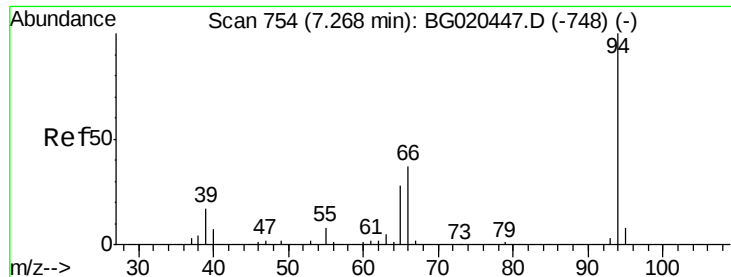
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.43 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG020320.D

Acq: 19 Dec 2015 20:26

Instrument :

BNA_G

ClientSampled :

E43L4

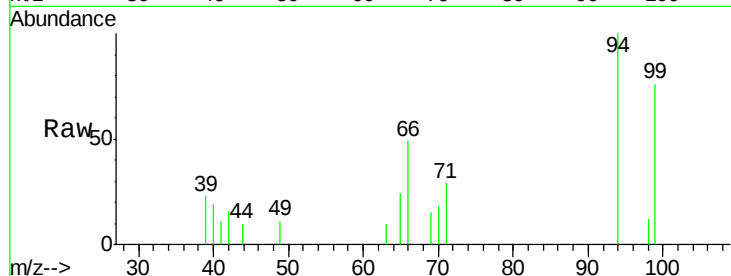
Tot Ion: 94 Resp: 2698

Ion Ratio Lower Upper

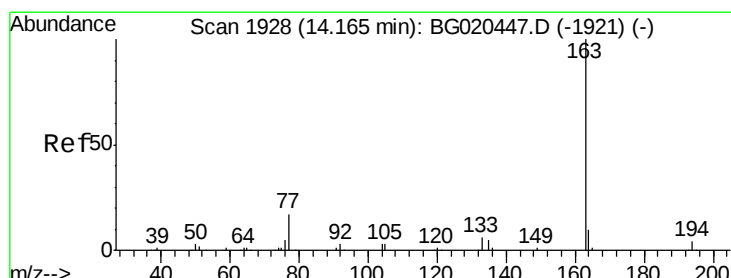
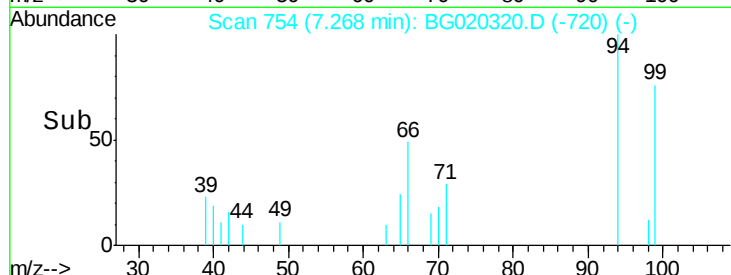
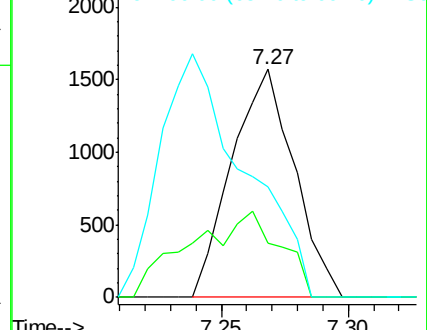
94 100

65 23.7 26.3 39.5#

66 48.6 33.3 49.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 13.48 ng/ul

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG020320.D

Acq: 19 Dec 2015 20:26

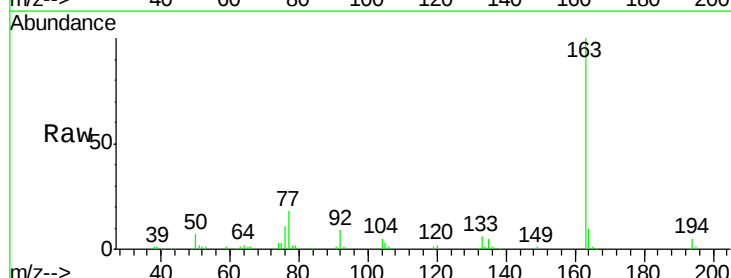
Tgt Ion:163 Resp: 70288

Ion Ratio Lower Upper

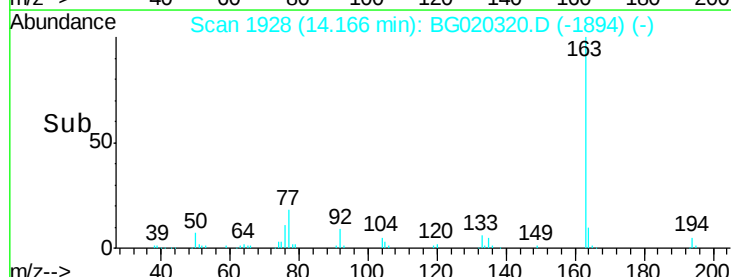
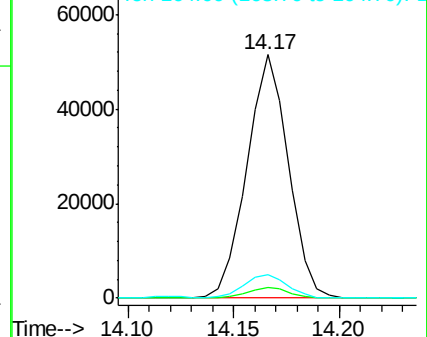
163 100

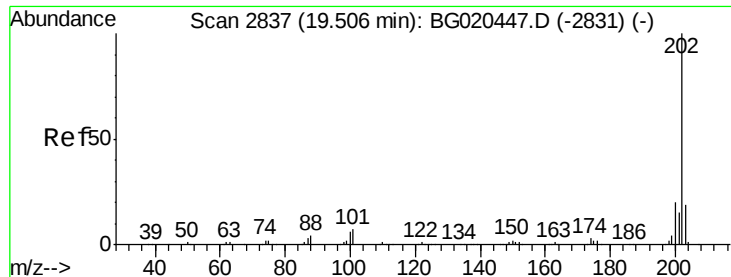
194 4.6 3.5 5.3

164 9.6 7.7 11.5



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

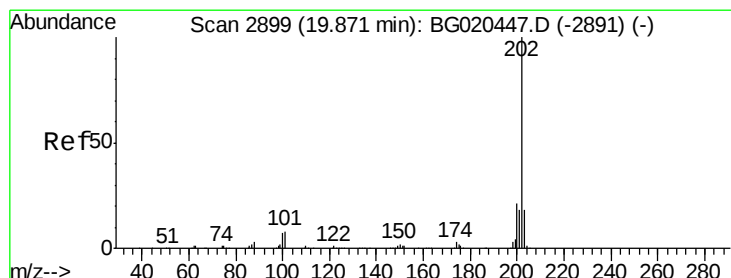
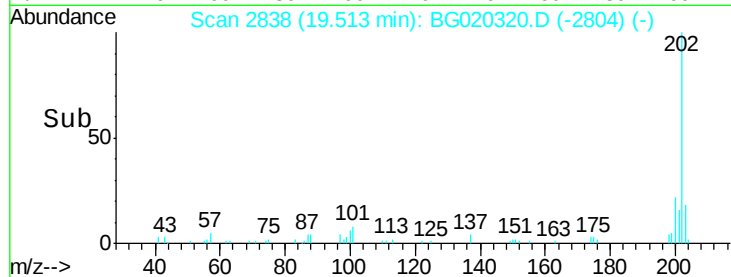
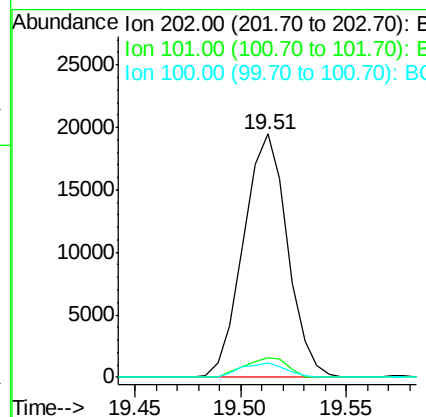
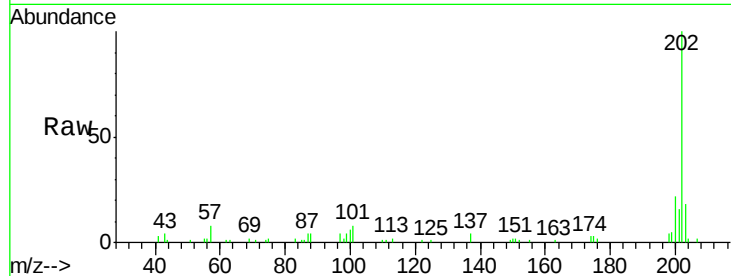




#77
 Fluoranthene
 Concen: 2.82 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG020320.D
 Acq: 19 Dec 2015 20:26

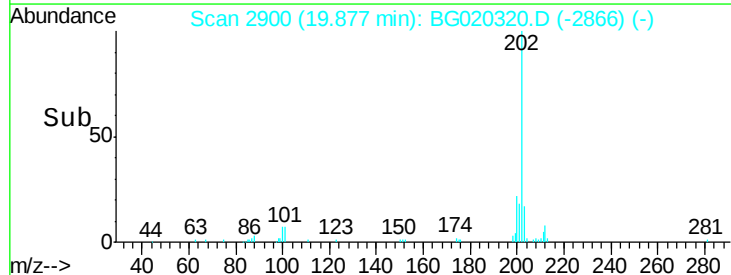
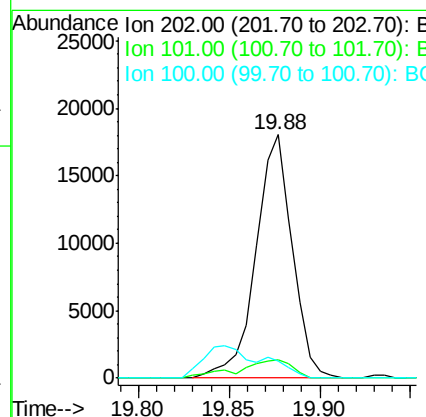
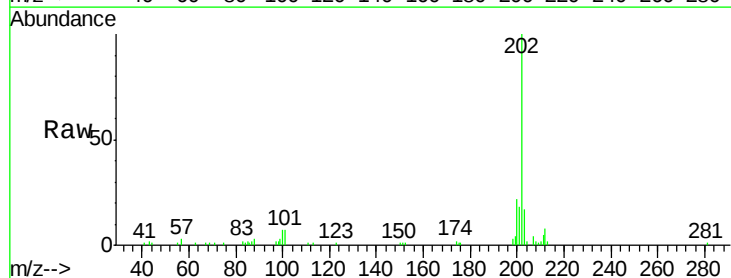
Instrument :
 BNA_G
 ClientSampled :
 E43L4

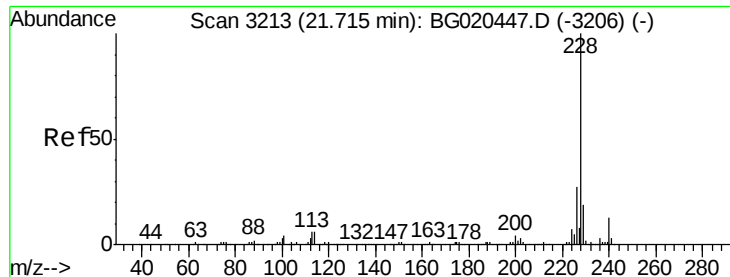
Tot Ion:202 Resp: 28189
 Ion Ratio Lower Upper
 202 100
 101 8.3 6.2 9.4
 100 6.1 5.1 7.7



#80
 Pyrene
 Concen: 2.12 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG020320.D
 Acq: 19 Dec 2015 20:26

Tgt Ion:202 Resp: 25174
 Ion Ratio Lower Upper
 202 100
 101 7.3 7.0 10.4
 100 7.2 6.4 9.6





#83

Benzo(a)anthracene

Concen: 1.08 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG020320.D

Acq: 19 Dec 2015 20:26

Instrument :

BNA_G

ClientSampleId :

E43L4

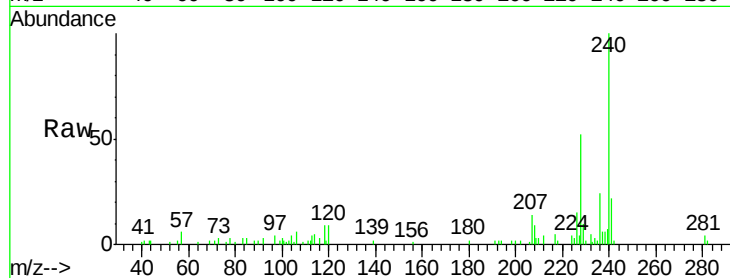
Tot Ion:228 Resp: 12336

Ion Ratio Lower Upper

228 100

229 19.0 15.8 23.8

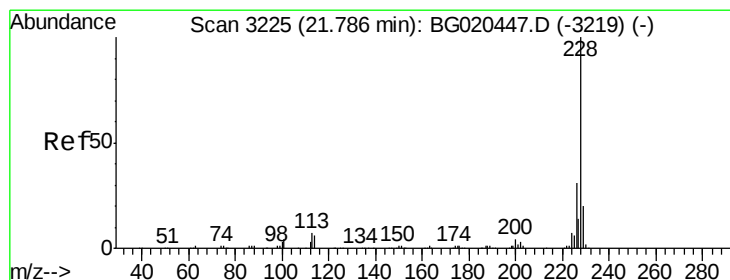
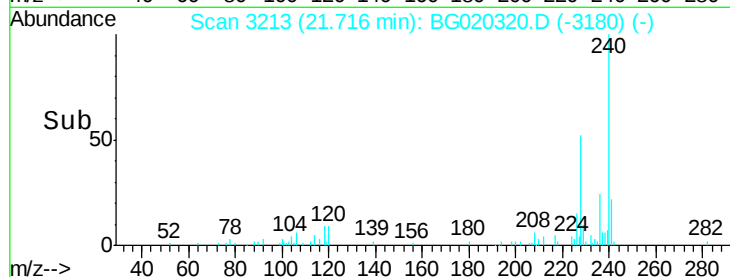
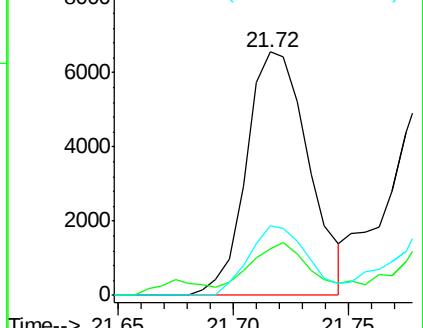
226 28.6 21.8 32.6



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



#85

Chrysene

Concen: 1.02 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BG020320.D

Acq: 19 Dec 2015 20:26

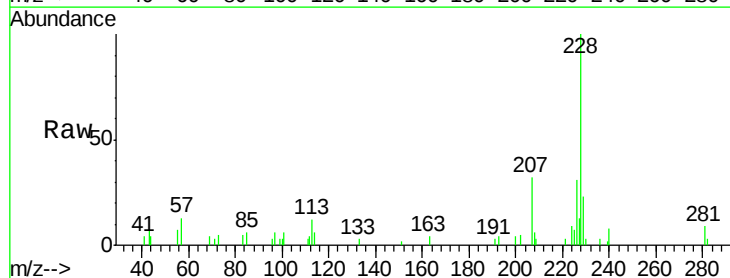
Tgt Ion:228 Resp: 10976

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

229 22.7 15.6 23.4



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

