

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025157.D
 Acq On : 13 Dec 2016 22:48
 Operator : UM/SJ
 Sample : H5993-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P036-SS024-0106-04

Quant Time: Dec 14 09:54:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	78757	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	358934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	291519	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	592997	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	723862	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	750149	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5236	3.43	ng/uL	0.00
5) Phenol-d5	7.39	99	129736	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	101426	24.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	97435	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	110438	19.45	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	58261	22.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	71187	22.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	130222	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	133181	22.24	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	532561	26.56	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	550042	25.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	69872	20.27	ng/ul	0.00
57) Fluorene-d10	15.85	176	458491	24.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	85246	23.25	ng/ul	0.00
70) Anthracene-d10	17.71	188	628972	25.13	ng/ul	0.00
76) Pyrene-d10	19.98	212	723740	24.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	756857	24.90	ng/ul	0.01

Target Compounds

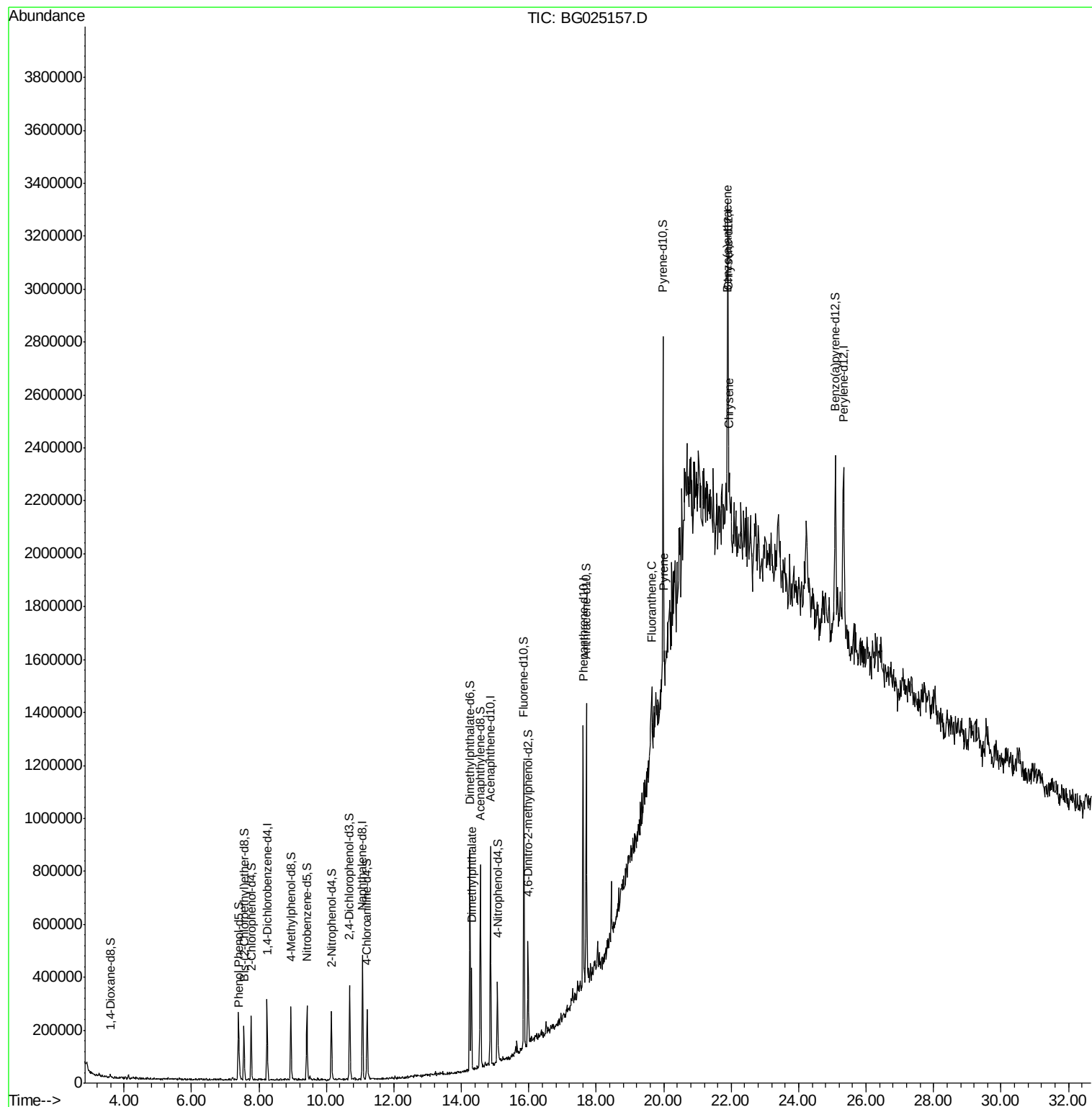
						Ovalue
6) Phenol	7.42	94	21957	3.15	ng/ul	94
44) Dimethylphthalate	14.30	163	229195	11.63	ng/ul	97
74) Fluoranthene	19.65	202	99056	2.95	ng/ul#	97
77) Pyrene	20.01	202	80985	2.33	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	67755	1.80	ng/ul#	72
82) Chrysene	21.95	228	66732	1.90	ng/ul#	67

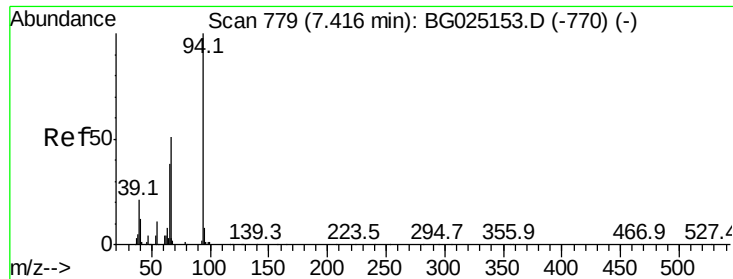
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.15 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025157.D

Acq: 13 Dec 2016 22:48

Instrument :

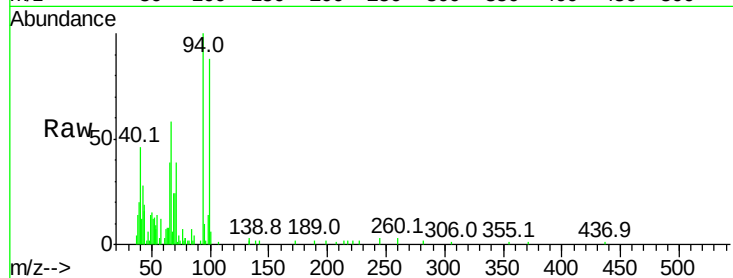
BNA_G

ClientSampleId :

P036-SS024-0106-04

Tot Ion: 94 Resp: 21957

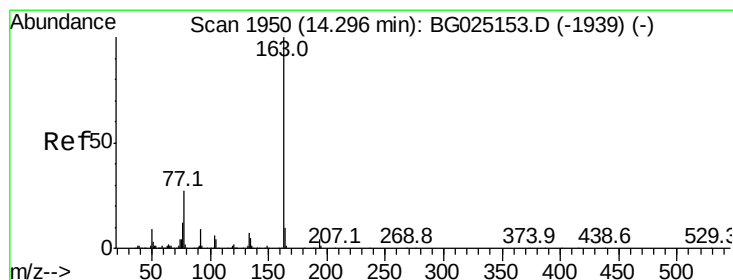
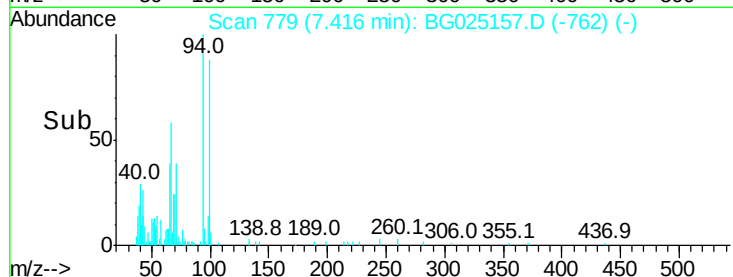
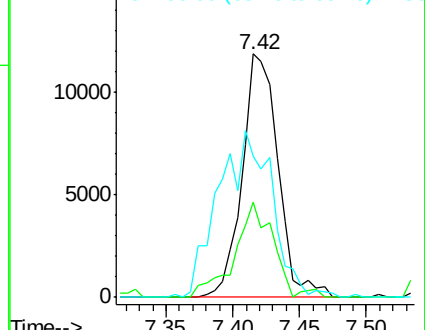
Ion	Ratio	Lower	Upper
94	100		
65	39.1	26.8	40.2
66	58.0	44.4	66.6



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



#44

Dimethylphthalate

Concen: 11.63 ng/ul

RT: 14.30 min Scan# 1951

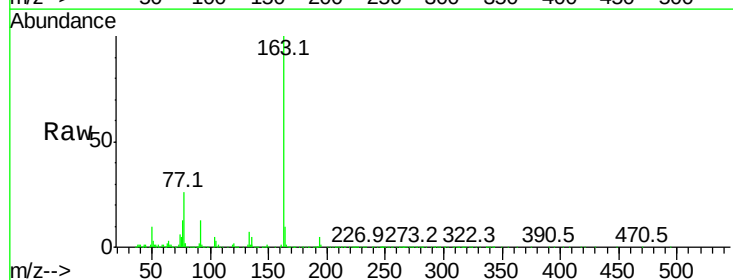
Delta R.T. 0.01 min

Lab File: BG025157.D

Acq: 13 Dec 2016 22:48

Tgt Ion: 163 Resp: 229195

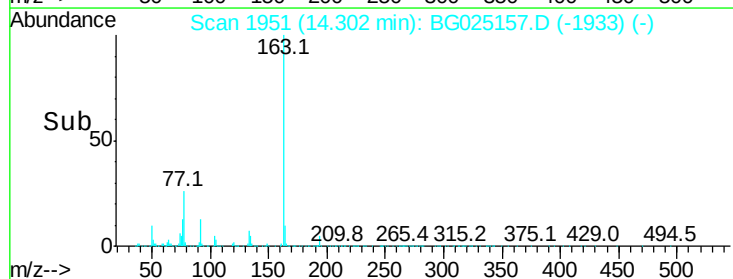
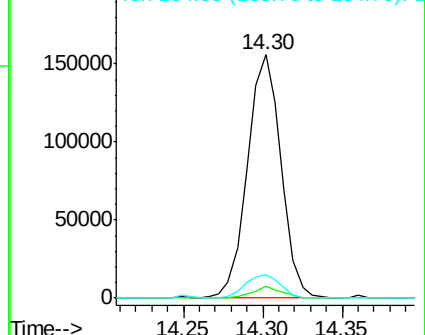
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	9.8	9.0	13.4

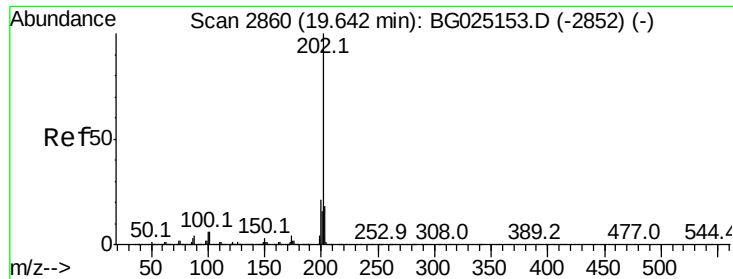


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

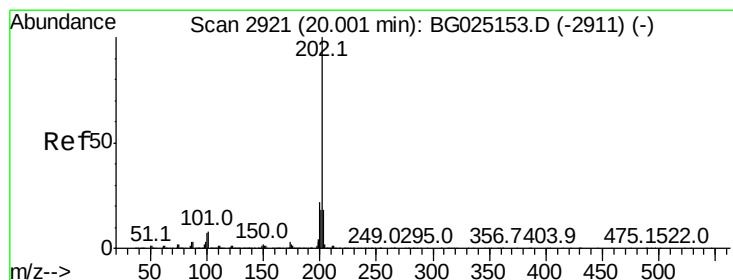
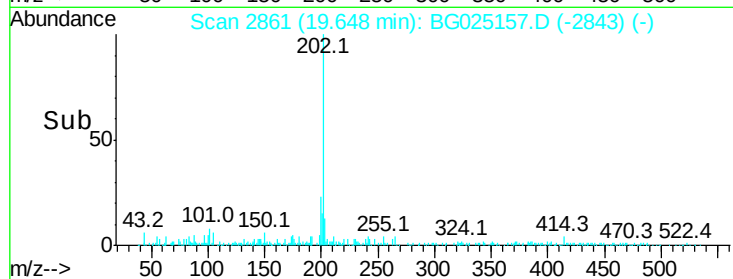
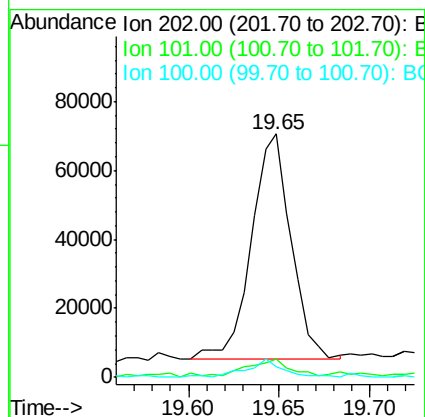
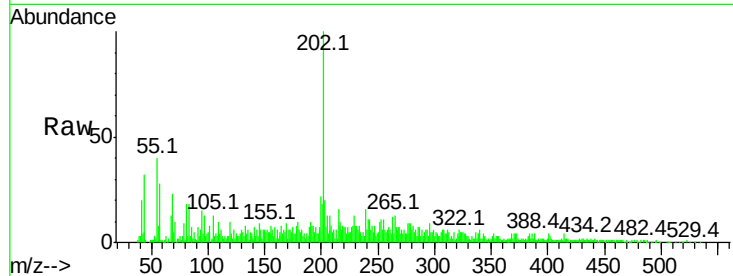




#74
Fluoranthene
Concen: 2.95 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BG025157.D
Acq: 13 Dec 2016 22:48

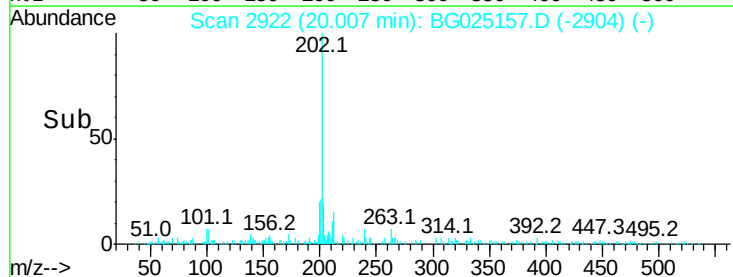
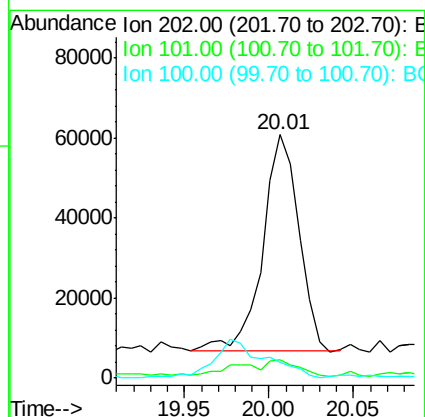
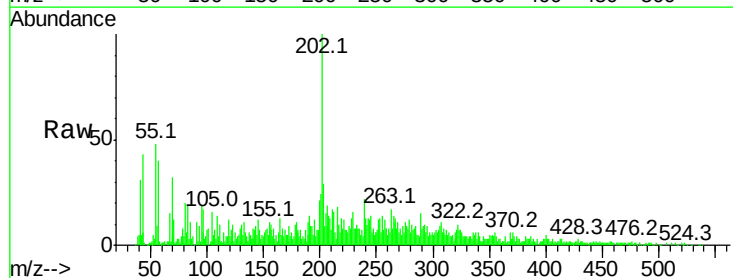
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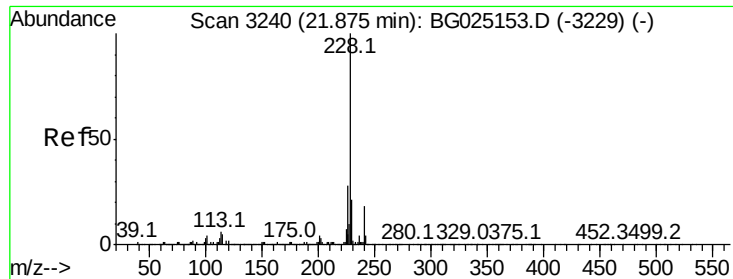
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.2
100	4.5	5.2	7.8#



#77
Pyrene
Concen: 2.33 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BG025157.D
Acq: 13 Dec 2016 22:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.9	10.3
100	6.5	6.6	10.0#





#80

Benzo(a)anthracene

Concen: 1.80 ng/ul

RT: 21.88 min Scan# 3241

Delta R.T. 0.01 min

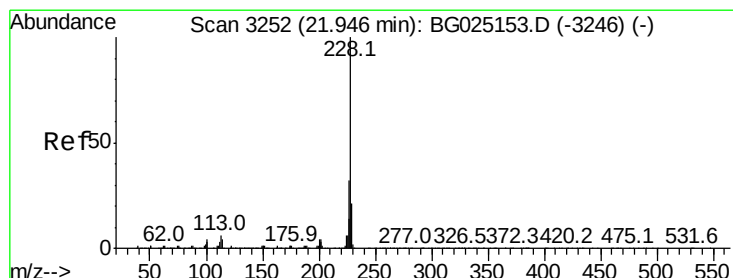
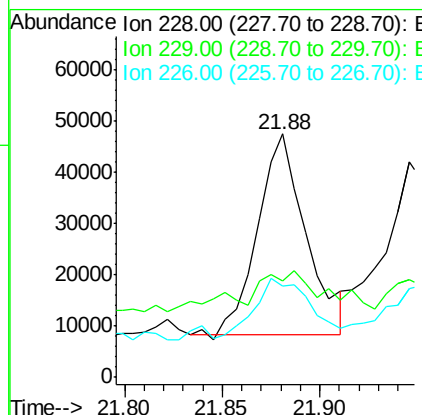
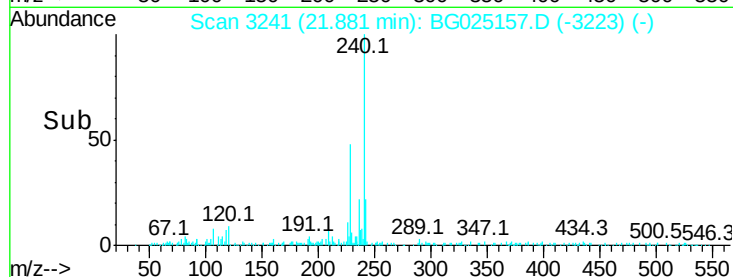
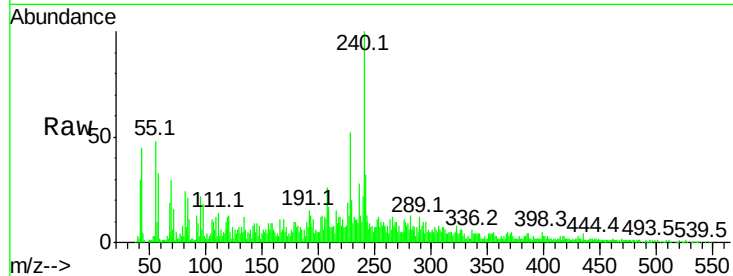
Lab File: BG025157.D

Acq: 13 Dec 2016 22:48

Instrument :
BNA_G
ClientSampleId :
P036-SS024-0106-04

Tot Ion:228 Resp: 67755

Ion	Ratio	Lower	Upper
228	100		
229	39.4	16.3	24.5#
226	37.3	21.9	32.9#



#82

Chrysene

Concen: 1.90 ng/ul

RT: 21.95 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BG025157.D

Acq: 13 Dec 2016 22:48

Tgt Ion:228 Resp: 66732

Ion	Ratio	Lower	Upper
228	100		
226	41.1	24.0	36.0#
229	45.2	16.9	25.3#

