Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025322.D
Acq On : 19 Dec 2016 17:50
Operator : UM/SJ
Sample : H6069-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7H7

Quant Time: Dec 27 02:21:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	56798	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	249043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	201726	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	447132	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	584843	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	605056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	5877	5.34	ng/uL	0.00
5) Phenol-d5	7.39	99	124231	25.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	90381	29.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	95297	27.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	96664	23.61	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	50369	28.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	64221	29.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	118014	27.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	125283	30.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	429233	30.93	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	477803	31.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	36141	15.16	ng/ul	0.01
57) Fluorene-d10	15.83	176	387596	29.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	35518	12.85	ng/ul	0.00
70) Anthracene-d10	17.69	188	576760	30.56	ng/ul	0.00
76) Pyrene-d10	19.97	212	749441	31.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	769125	31.37	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	23293	4.63	ng/ul#	88
44) Dimethylphthalate	14.29	163	107527	7.89	ng/ul#	94
74) Fluoranthene	19.63	202	41653	1.64	ng/ul	99
77) Pyrene	19.99	202	49010	1.74	ng/ul#	91
82) Chrysene	21.93	228	43784	1.54	ng/ul	98
85) Benzo(b)fluoranthene	24.21	252	76866	2.56	ng/ul	97
88) Benzo(a)pyrene	25.14	252	50553	1.75	ng/ul#	94

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

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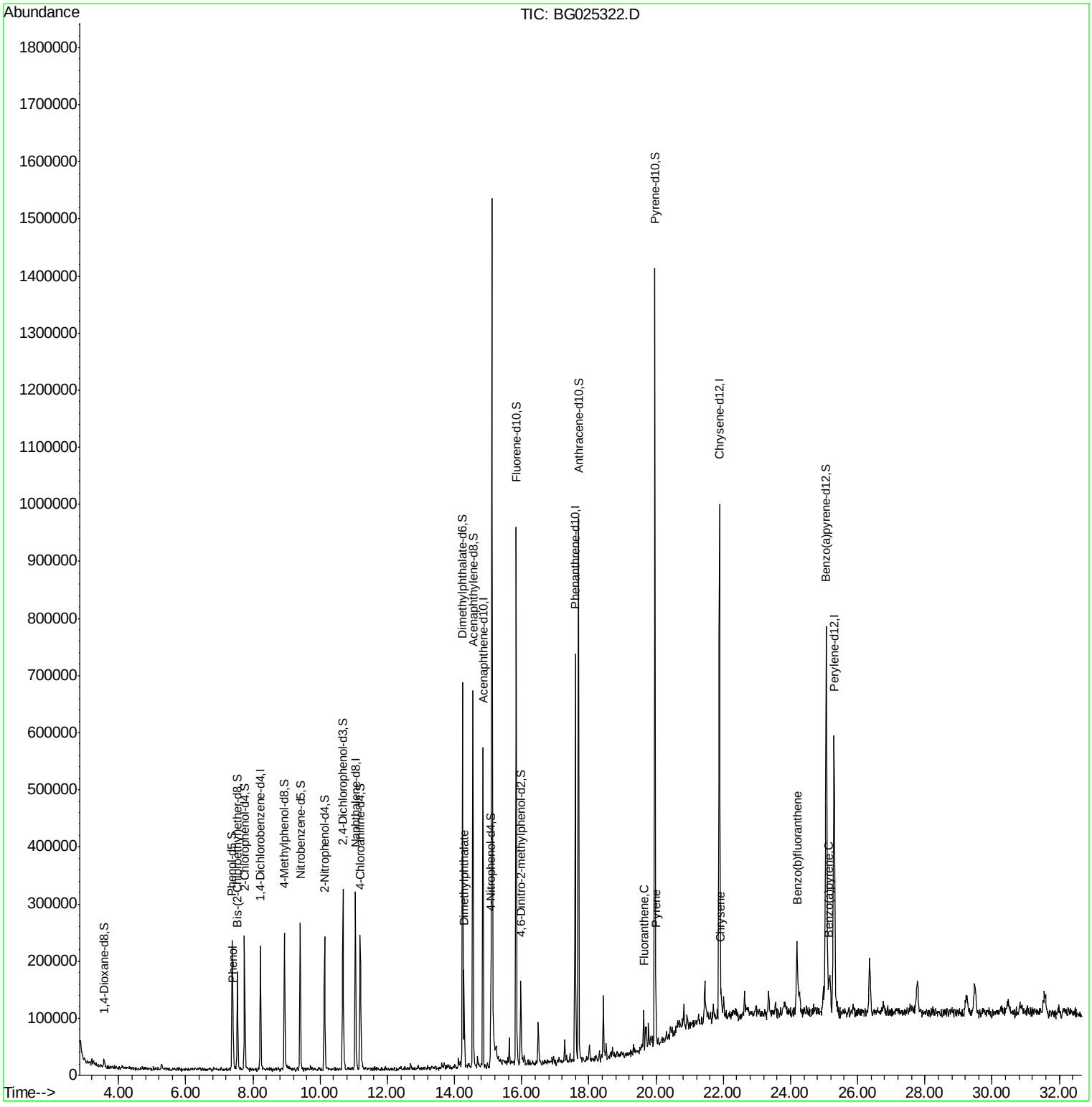
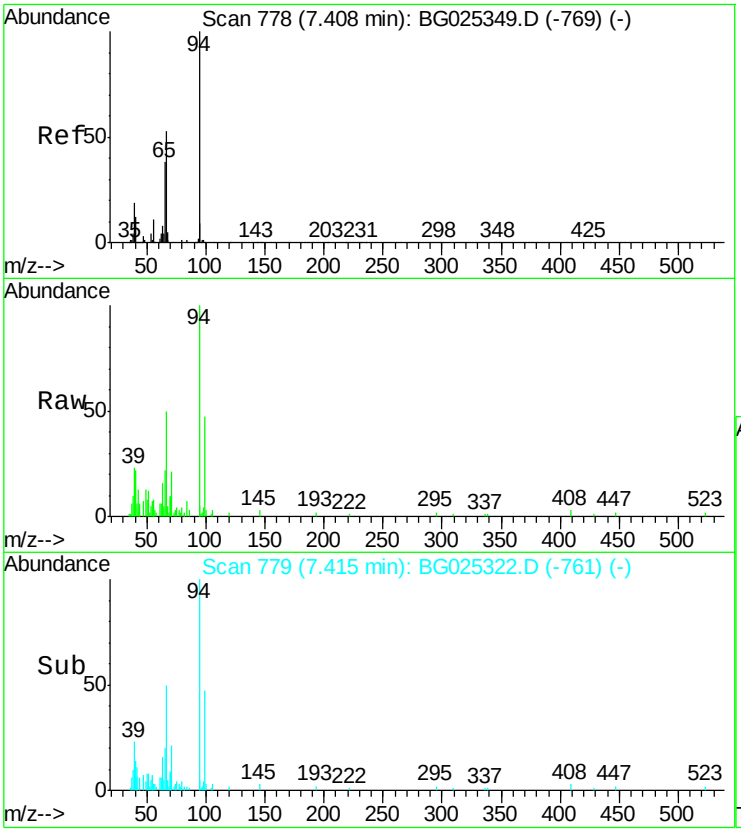


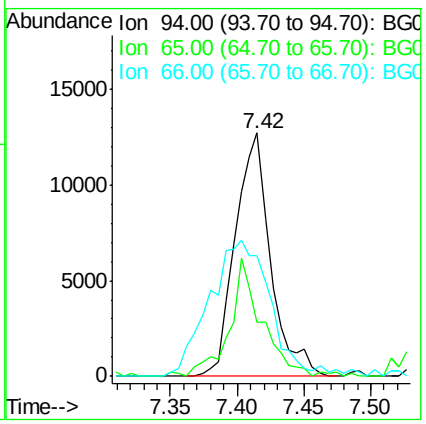


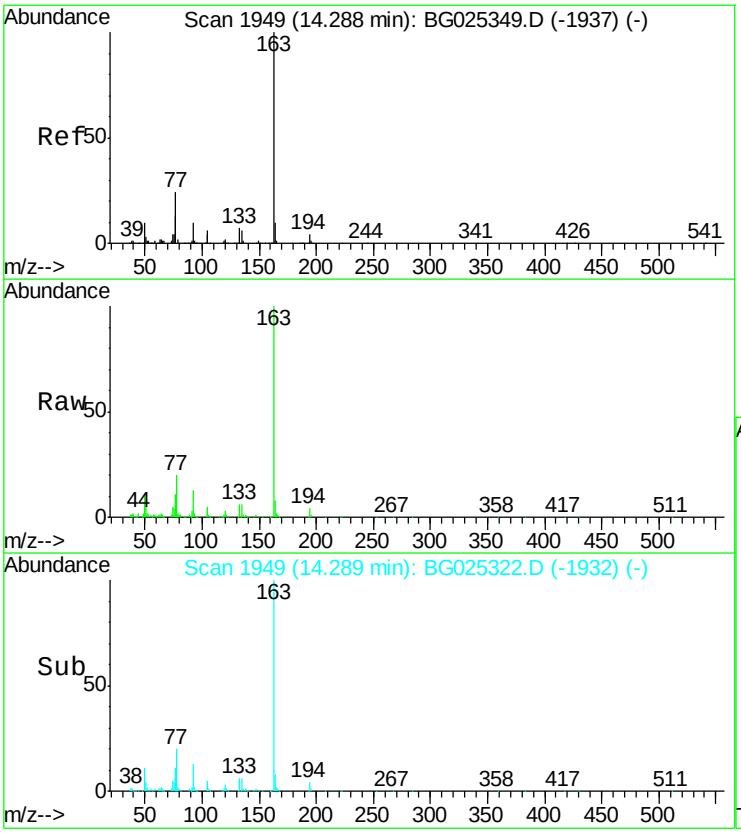
#6
Phenol
Concen: 4.63 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG025322.D
Acq: 19 Dec 2016 17:50

Instrument :
BNA_G
ClientSampleId :
DA7H7

Tgt Ion: 94 Resp: 23293

Ion	Ratio	Lower	Upper
94	100		
65	22.2	26.8	40.2#
66	49.7	44.4	66.6

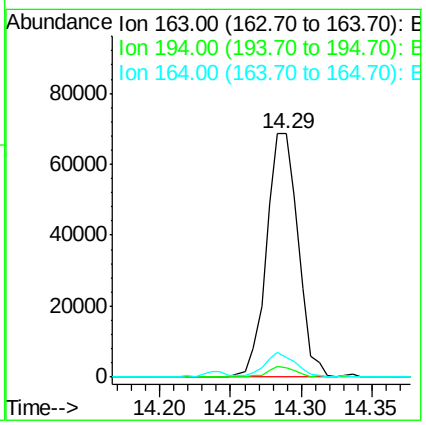


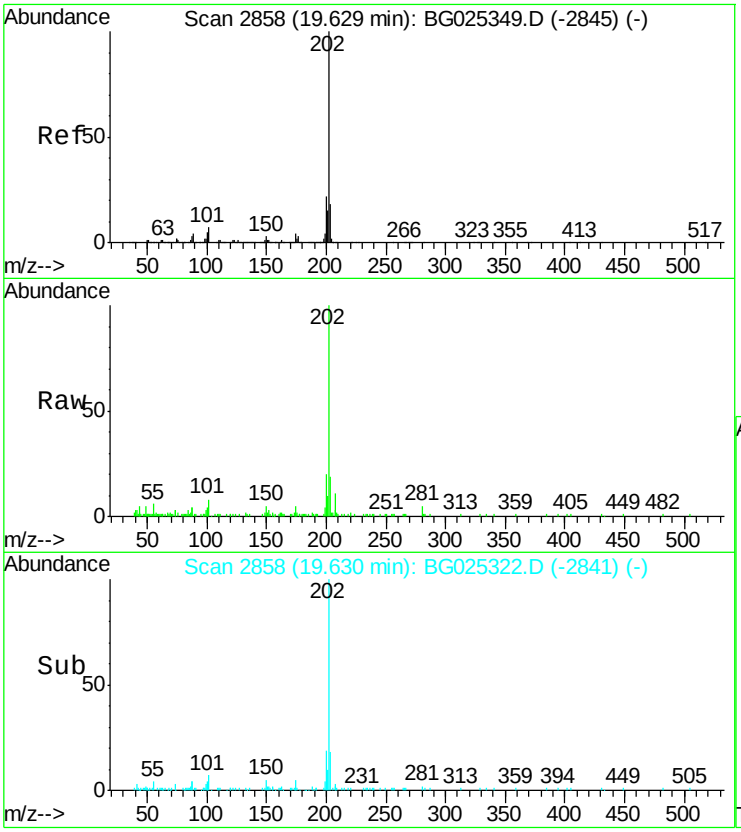


#44
Dimethylphthalate
Concen: 7.89 ng/ul
RT: 14.29 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG025322.D
Acq: 19 Dec 2016 17:50

Tgt Ion:163 Resp: 107527

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	8.1	9.0	13.4#



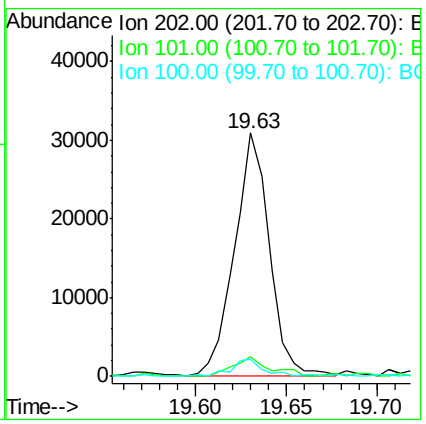


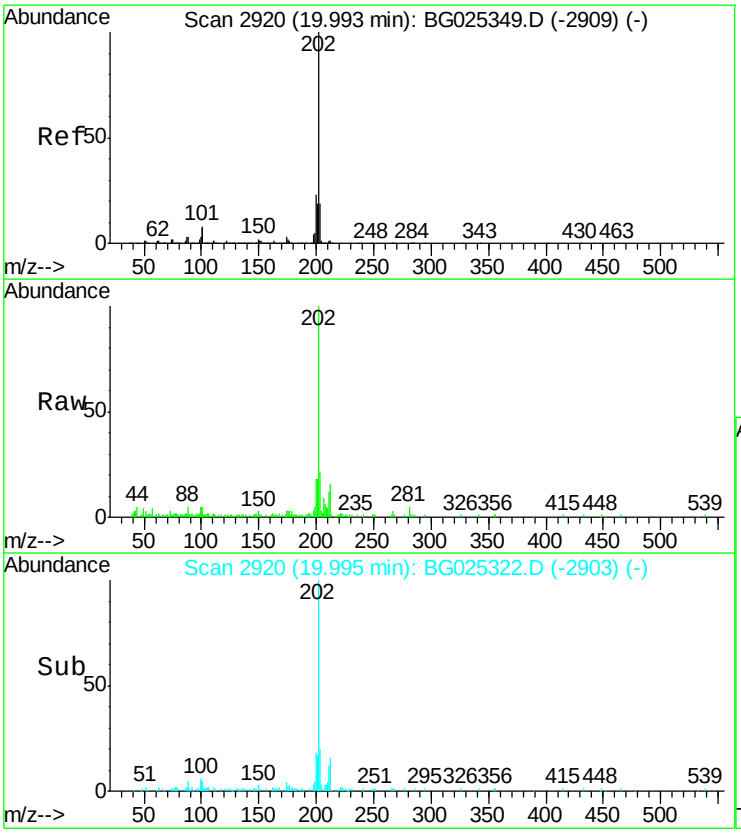
#74
Fluoranthene
Concen: 1.64 ng/ul
RT: 19.63 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BG025322.D
Acq: 19 Dec 2016 17:50

Instrument :
BNA_G
ClientSampleId :
DA7H7

Tgt Ion:202 Resp: 41653

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.2
100	7.2	5.2	7.8

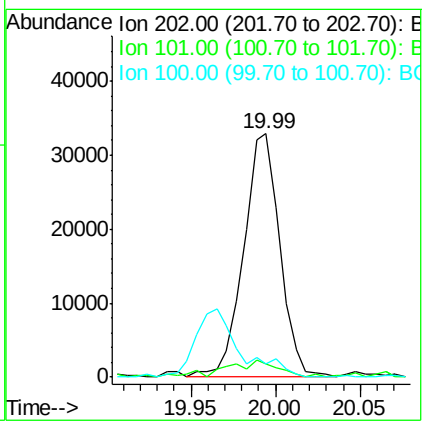


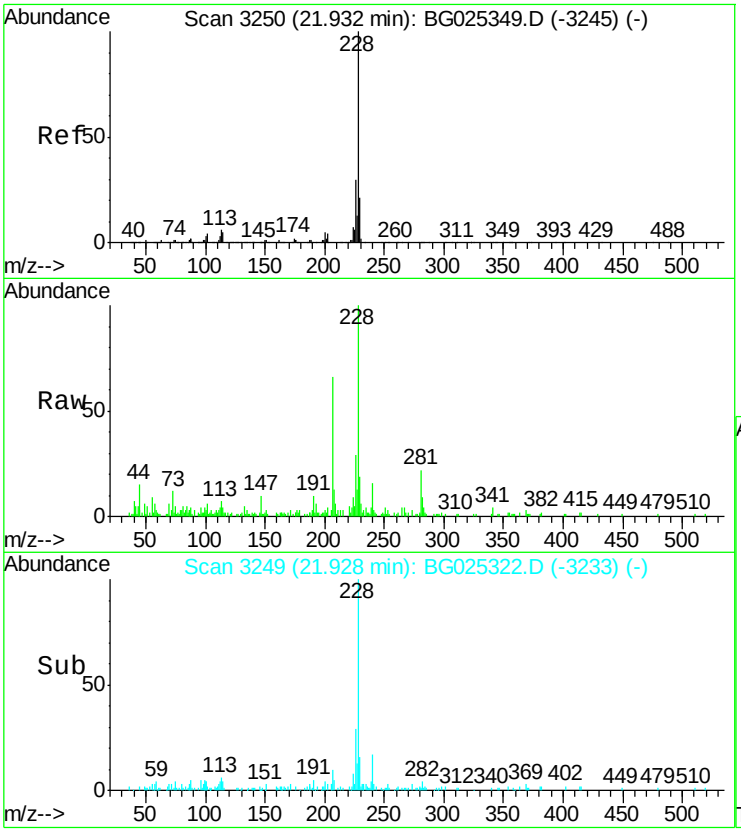


#77
Pyrene
Concen: 1.74 ng/ul
RT: 19.99 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG025322.D
Acq: 19 Dec 2016 17:50

Tgt Ion:202 Resp: 49010

Ion	Ratio	Lower	Upper
202	100		
101	5.3	6.9	10.3#
100	5.5	6.6	10.0#



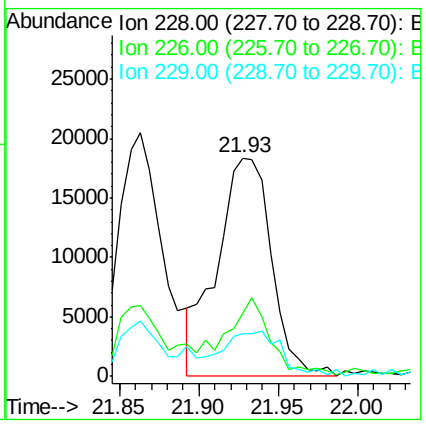


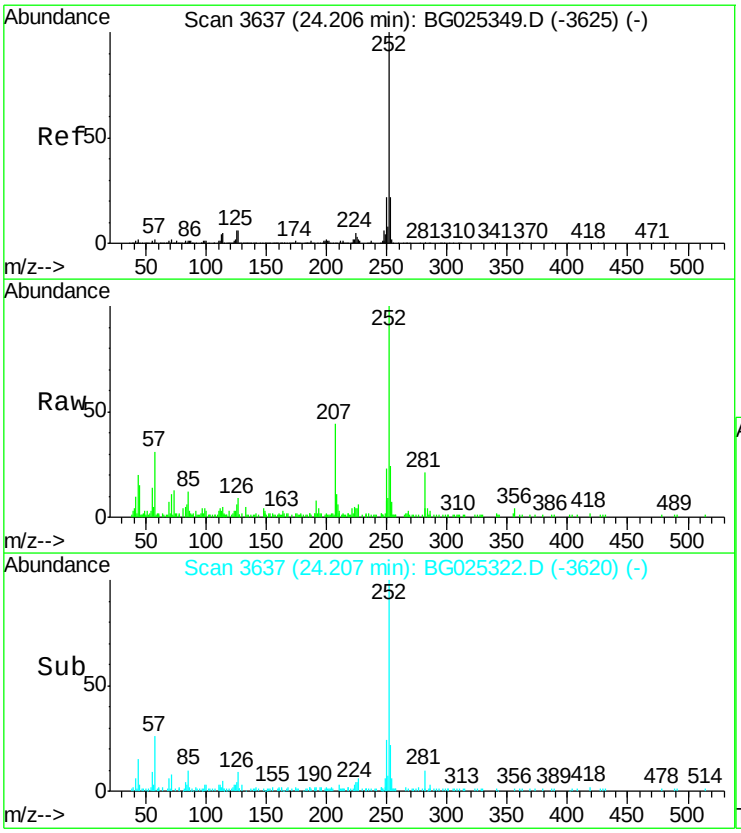
#82
Chrysene
Concen: 1.54 ng/ul
RT: 21.93 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG025322.D
Acq: 19 Dec 2016 17:50

Instrument :
BNA_G
ClientSampleId :
DA7H7

Tgt Ion:228 Resp: 43784

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	19.4	16.9	25.3

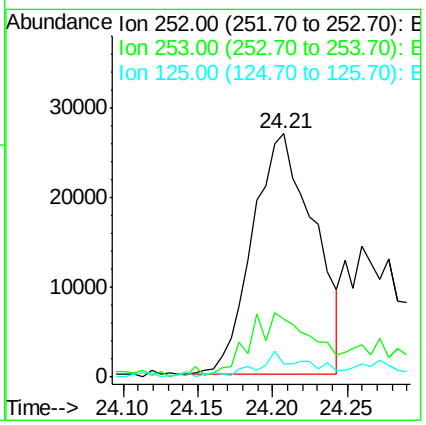


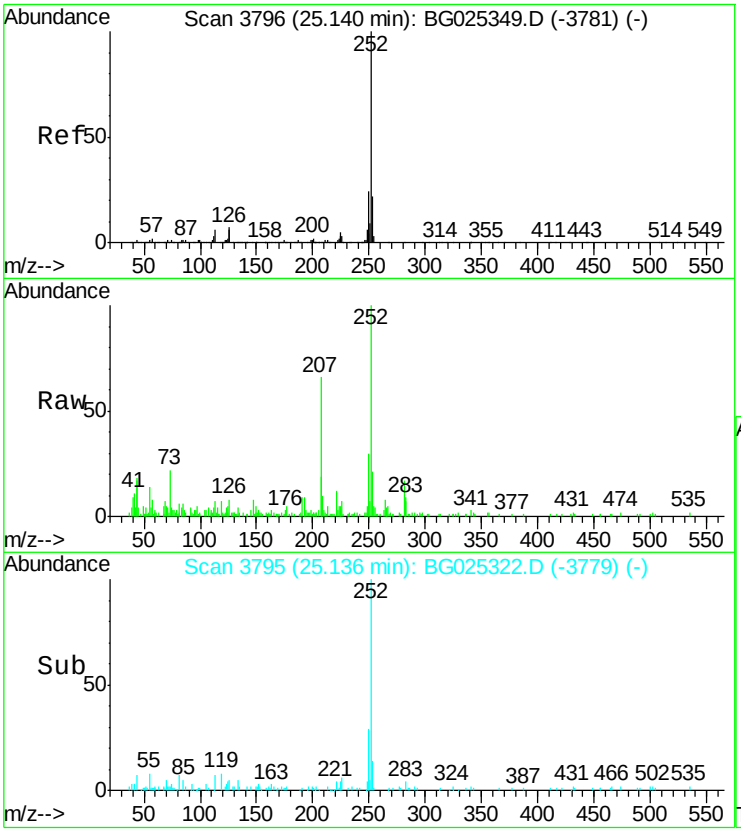


#85
Benzo(b)fluoranthene
Concen: 2.56 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. 0.00 min
Lab File: BG025322.D
Acq: 19 Dec 2016 17:50

Tgt Ion:252 Resp: 76866

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	5.6	4.0	6.0





#88
Benzo(a)pyrene
Concen: 1.75 ng/ul
RT: 25.14 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BG025322.D
Acq: 19 Dec 2016 17:50

Instrument :
BNA_G
ClientSampleId :
DA7H7

Tgt Ion:252 Resp: 50553

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	0.0	5.4	8.0#