Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
Data File : BG020828.D
Acq On : 9 Feb 2016 22:01
Operator : SJ/UM
Sample : H1371-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04J3

Quant Time: Feb 10 00:41:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 10 00:34:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21843	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	111464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	63894	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	120999	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	105154	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	100546	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	2722	6.05	ng/uL	0.00
5) Phenol-d5	7.41	99	70538	31.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	38096	32.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	58172	33.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	63272	32.89	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	31456	35.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	32557	36.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	57072	33.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	83236	36.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	186717	33.96	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	240635	35.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	30397	27.62	ng/ul	0.00
58) Fluorene-d10	15.87	176	161946	34.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	14280	24.35	ng/ul	0.00
71) Anthracene-d10	17.72	188	227022	37.97	ng/ul	0.00
79) Pyrene-d10	19.99	212	217119	40.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	211402	37.94	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	77880	13.60	ng/ul	98
77) Fluoranthene	19.68	202	14322	1.82	ng/ul	99
80) Pyrene	20.02	202	12531	1.65	ng/ul	97
83) Benzo(a)anthracene	21.89	228	7438	1.08	ng/ul#	92
85) Chrysene	21.96	228	6538	1.04	ng/ul#	95
88) Benzo(b)fluoranthene	24.21	252	9743	1.42	ng/ul#	88
91) Benzo(a)pyrene	25.14	252	7325	1.13	ng/ul#	85

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

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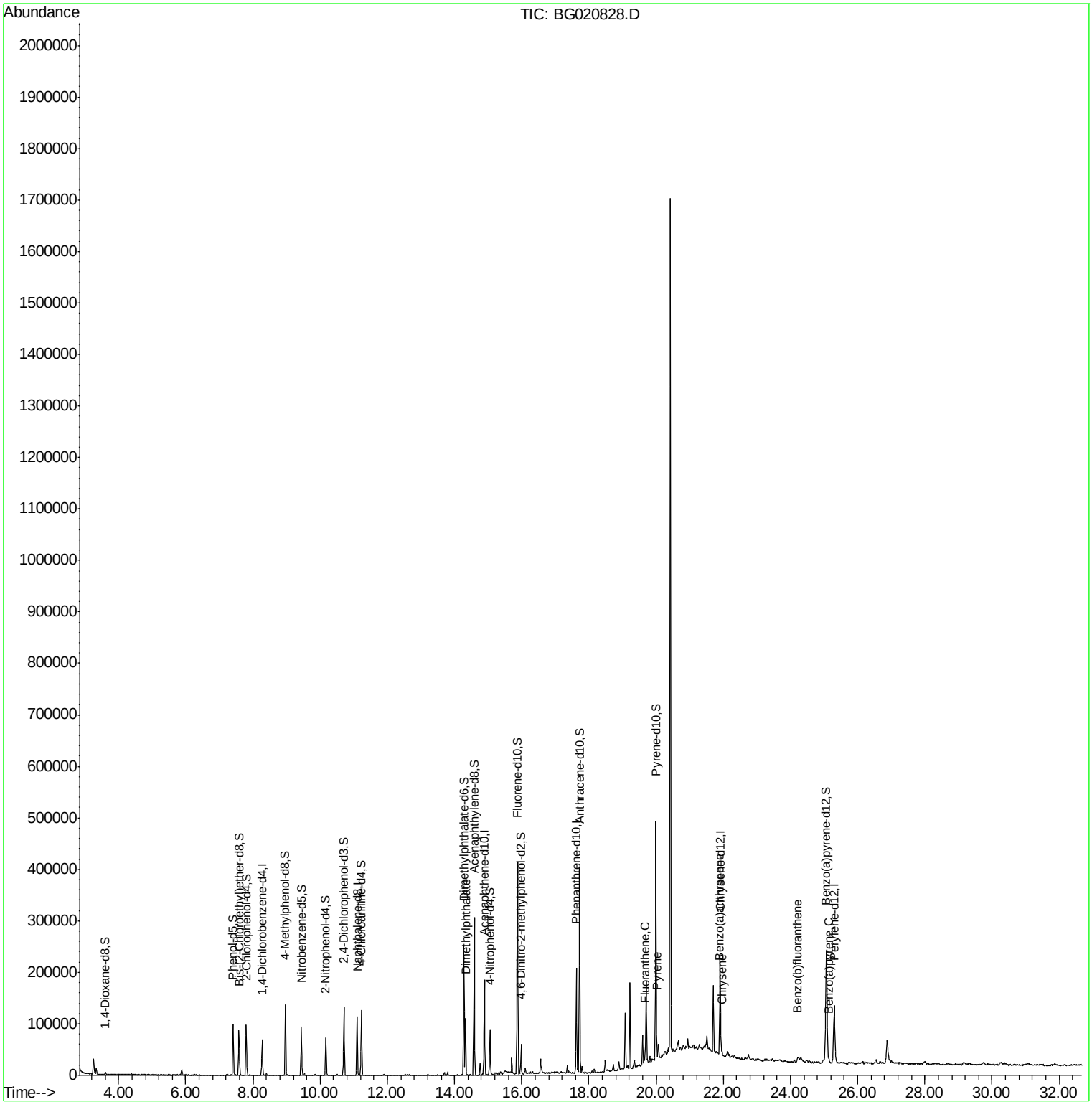
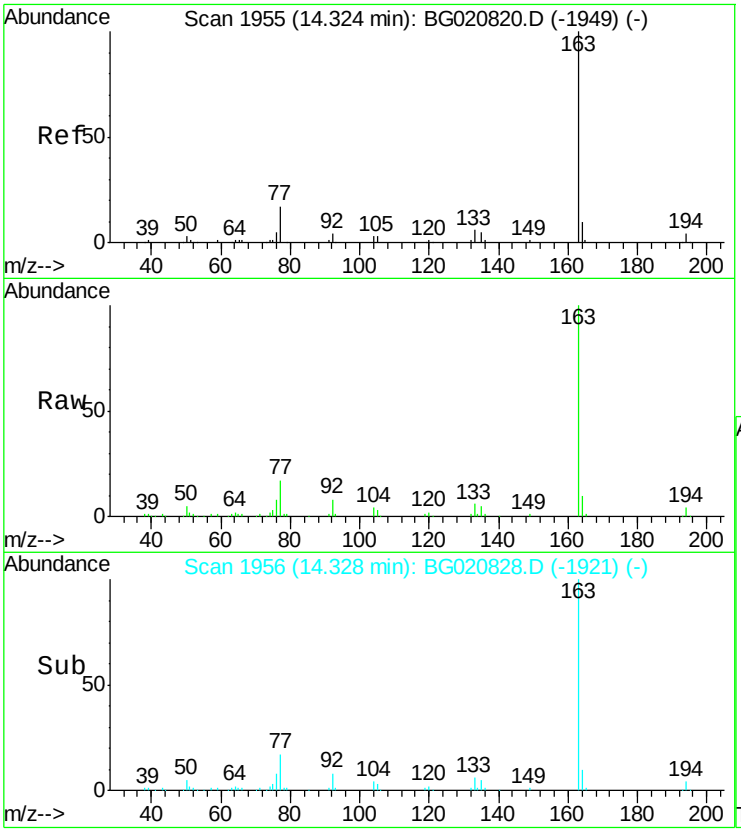


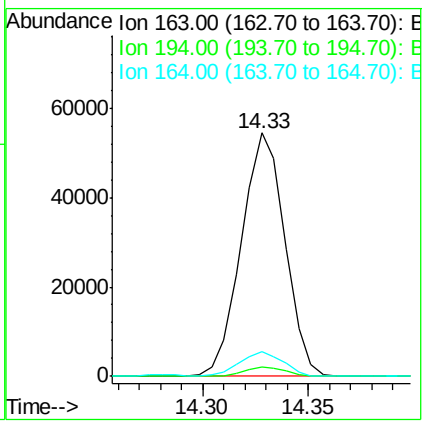


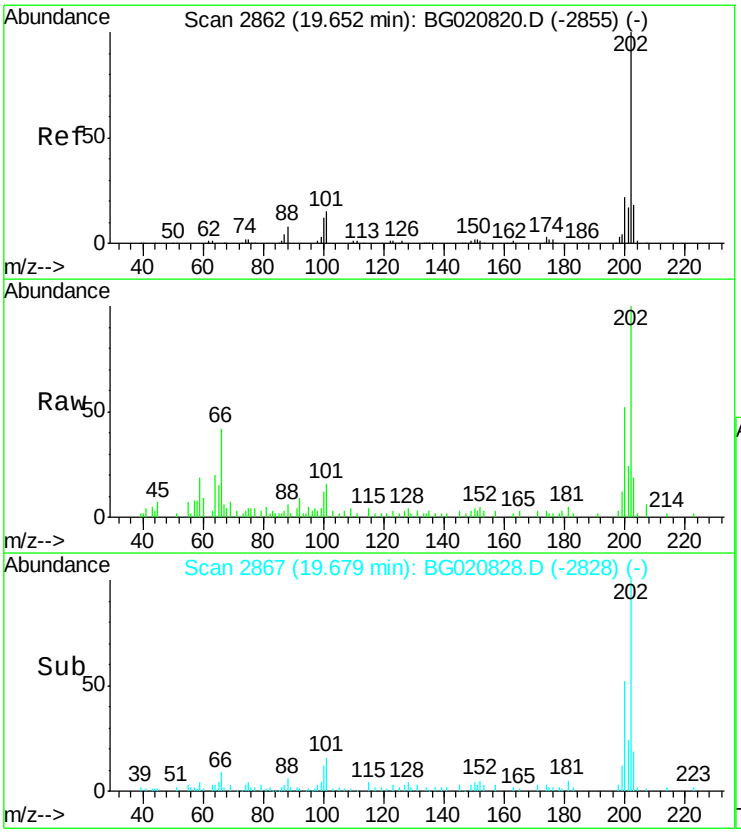
#45
Dimethylphthalate
Concen: 13.60 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020828.D
Acq: 9 Feb 2016 22:01

Instrument :
BNA_G
ClientSampleId :
C04J3

Tgt Ion:163 Resp: 77880

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.4	7.7	11.5

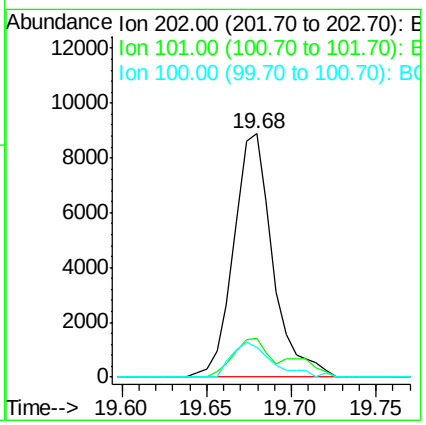


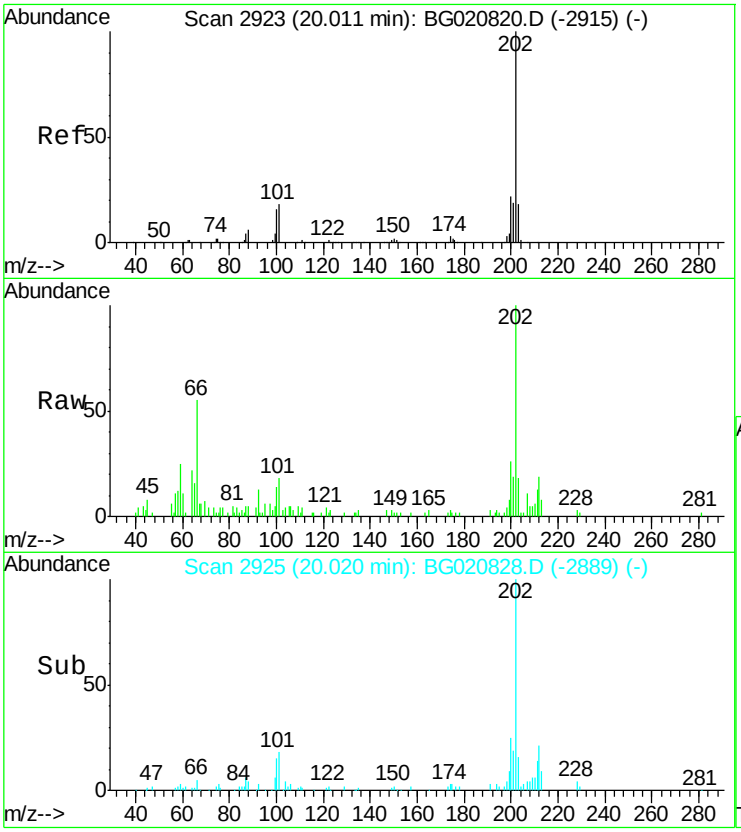


#77
Fluoranthene
Concen: 1.82 ng/ul
RT: 19.68 min Scan# 2867
Delta R.T. 0.03 min
Lab File: BG020828.D
Acq: 9 Feb 2016 22:01

Tgt Ion:202 Resp: 14322

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.5	18.7
100	12.4	9.9	14.9



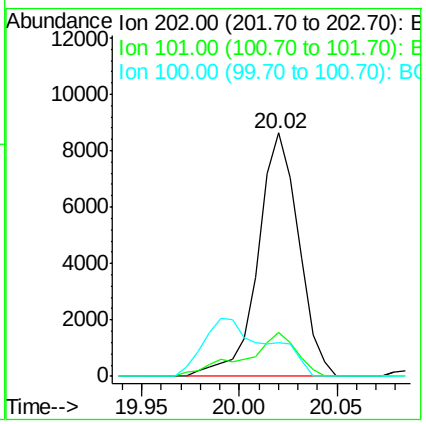


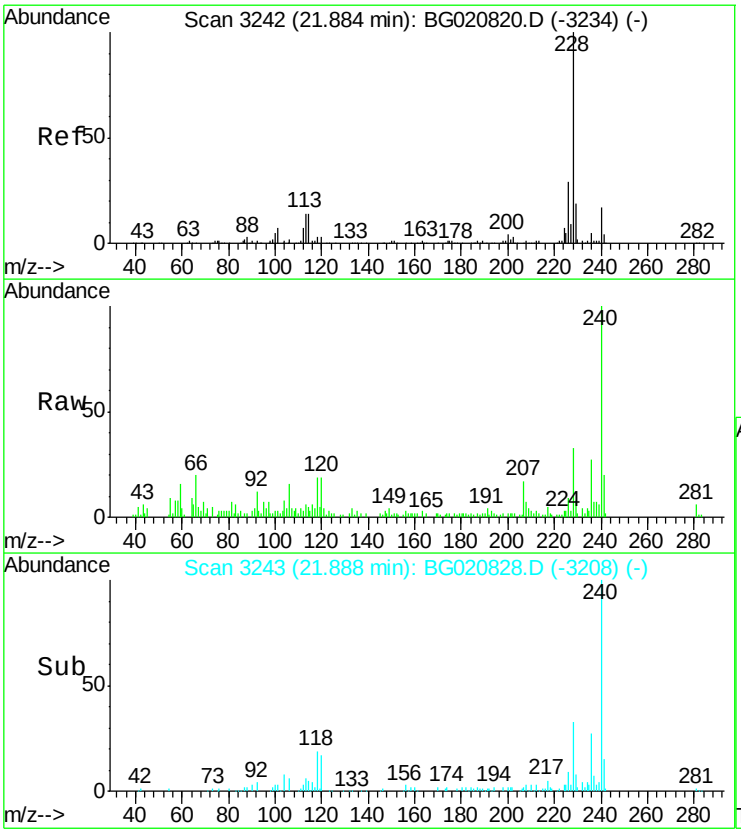
#80
Pyrene
Concen: 1.65 ng/ul
RT: 20.02 min Scan# 2925
Delta R.T. 0.01 min
Lab File: BG020828.D
Acq: 9 Feb 2016 22:01

Instrument :
BNA_G
ClientSampleId :
C04J3

Tgt Ion:202 Resp: 12531

Ion	Ratio	Lower	Upper
202	100		
101	18.3	13.5	20.3
100	13.9	11.7	17.5

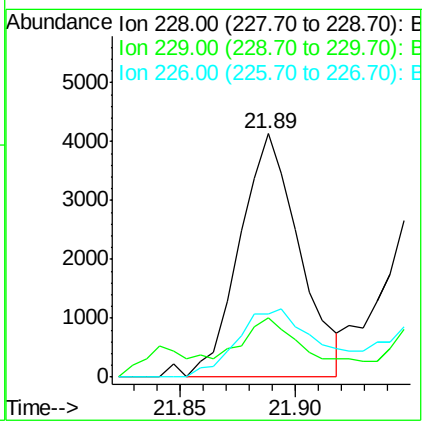


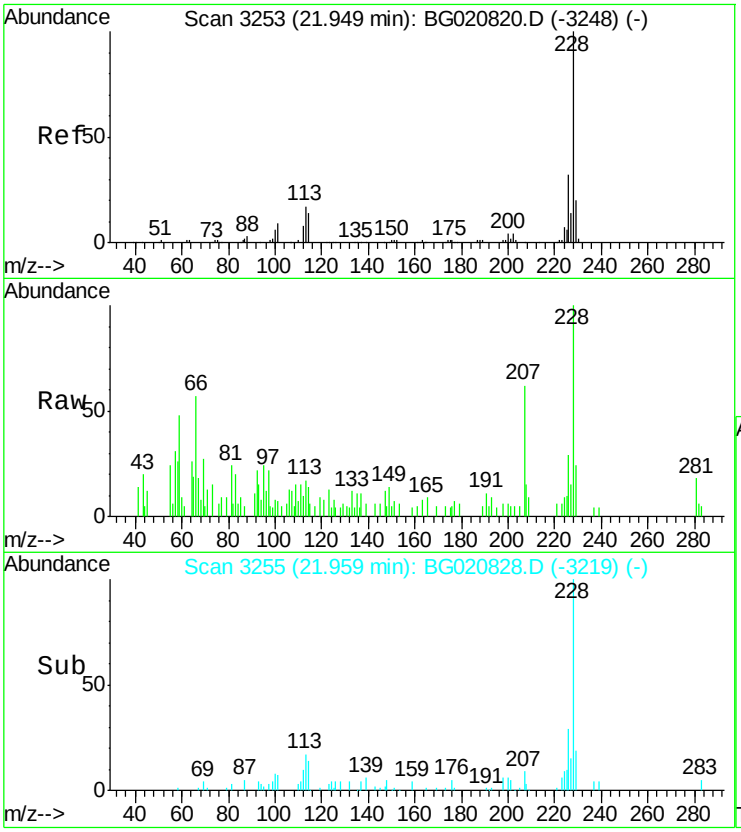


#83
Benzo(a)anthracene
Concen: 1.08 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG020828.D
Acq: 9 Feb 2016 22:01

Tgt Ion:228 Resp: 7438

Ion	Ratio	Lower	Upper
228	100		
229	24.1	14.8	22.2#
226	25.9	23.0	34.4



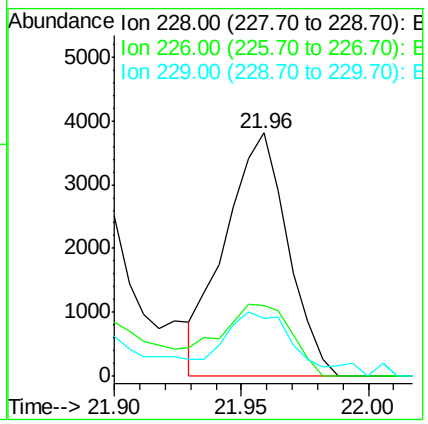


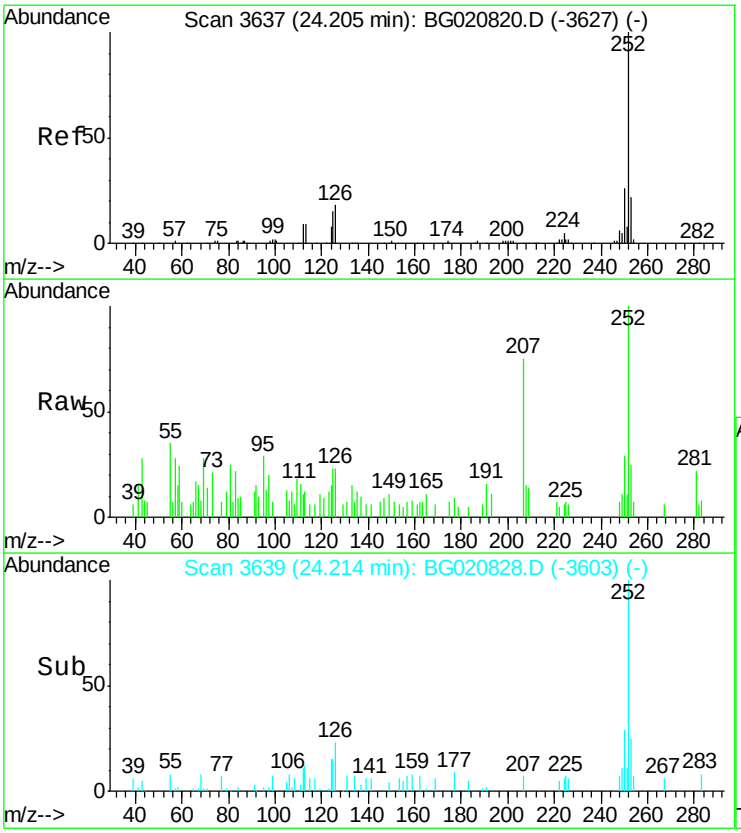
#85
Chrysene
Concen: 1.04 ng/ul
RT: 21.96 min Scan# 3255
Delta R.T. 0.01 min
Lab File: BG020828.D
Acq: 9 Feb 2016 22:01

Instrument :
BNA_G
ClientSampleId :
C04J3

Tgt Ion:228 Resp: 6538

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	23.7	15.8	23.6#

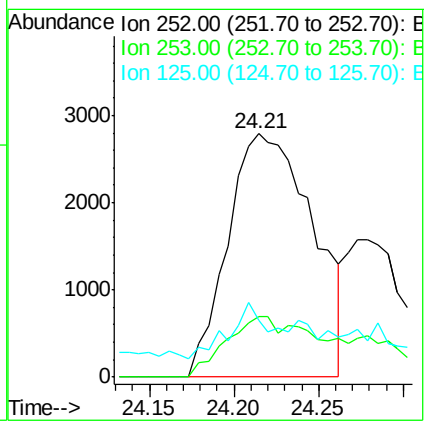


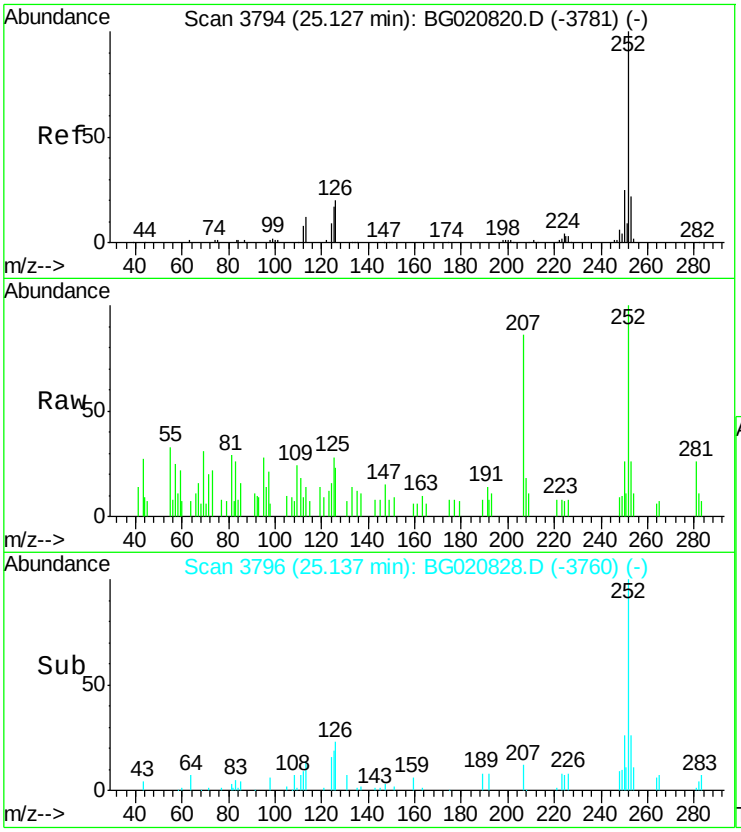


#88
Benzo(b)fluoranthene
Concen: 1.42 ng/ul
RT: 24.21 min Scan# 3639
Delta R.T. 0.01 min
Lab File: BG020828.D
Acq: 9 Feb 2016 22:01

Tgt Ion:252 Resp: 9743

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	23.5	12.5	18.7#





#91
Benzo(a)pyrene
Concen: 1.13 ng/ul
RT: 25.14 min Scan# 3796
Delta R.T. 0.01 min
Lab File: BG020828.D
Acq: 9 Feb 2016 22:01

Instrument :
BNA_G
ClientSampleId :
C04J3

Tgt Ion:252 Resp: 7325

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.3	25.9
125	27.5	14.2	21.2#