Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
Data File : BG021966.D
Acq On : 19 May 2016 16:49
Operator : UM/SJ
Sample : H3092-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 20 05:47:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	33872	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	174160	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	94465	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	189117	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	156664	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	149222	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2075	2.81	ng/uL	0.00
3) Phenol-d5	7.32	99	41570	13.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	24731	15.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	38917	15.85	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	23739	8.91	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	19114	15.64	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	21105	16.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	35780	15.53	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	20708	11.41	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	124480	17.09	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	166401	17.74	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	6060	4.73	ng/ul	0.01
21) Fluorene-d10	15.77	176	110983	16.93	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	9930	10.58	ng/ul	0.00
26) Anthracene-d10	17.53	188	189117	21.70	ng/ul	-0.10
30) Pyrene-d10	19.91	212	153011	18.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	120693	18.21	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	21380	2.12	ng/ul#	90
28) Fluoranthene	19.57	202	38416	3.66	ng/ul#	92
31) Pyrene	19.57	202	38416	3.56	ng/ul	97
32) Benzo(a)anthracene	21.79	228	19540	2.25	ng/ul#	91
33) Chrysene	21.86	228	21761	2.57	ng/ul#	90
35) Benzo(b)fluoranthene	24.08	252	37409	4.36	ng/ul#	92
36) Benzo(k)fluoranthene	24.08	252	37409	4.43	ng/ul#	91
38) Benzo(a)pyrene	24.99	252	23018	2.81	ng/ul#	89
39) Indeno(1,2,3-cd)pyrene	28.95	276	9531	1.02	ng/ul#	79

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

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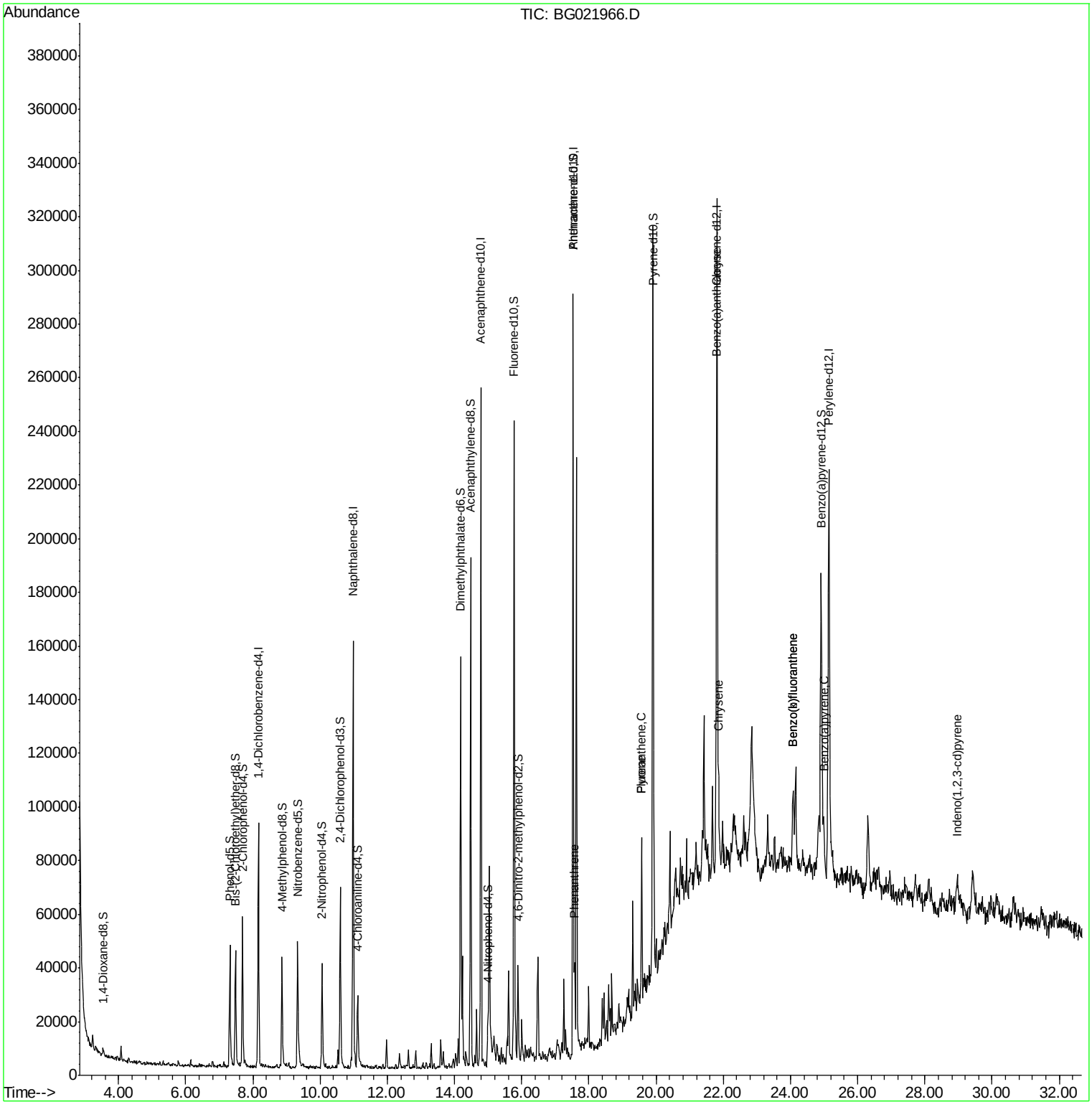
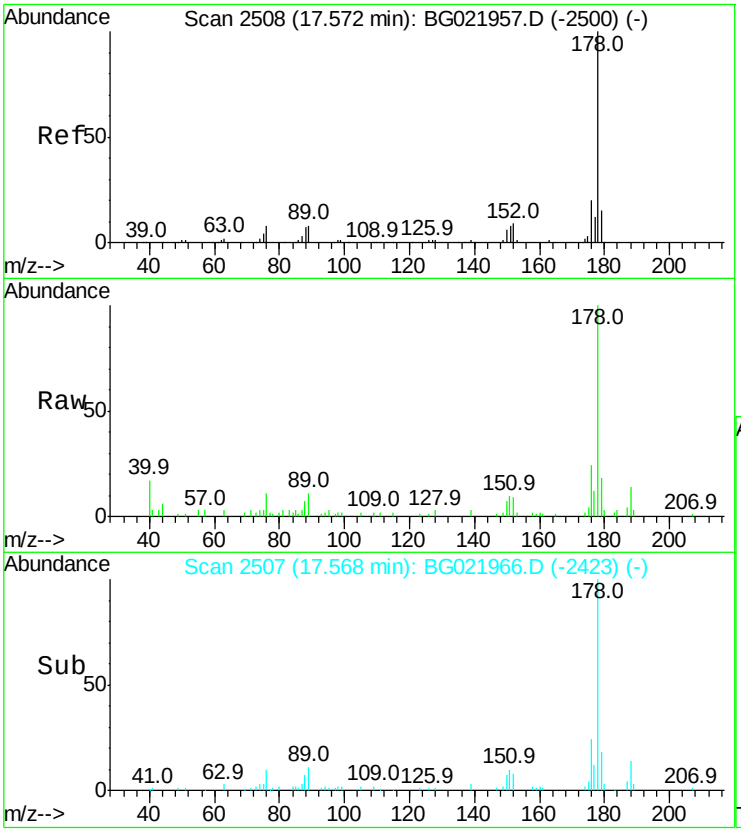


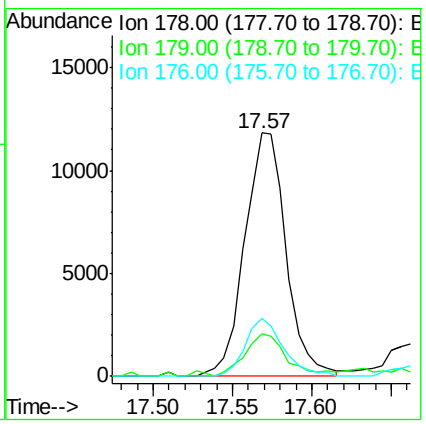


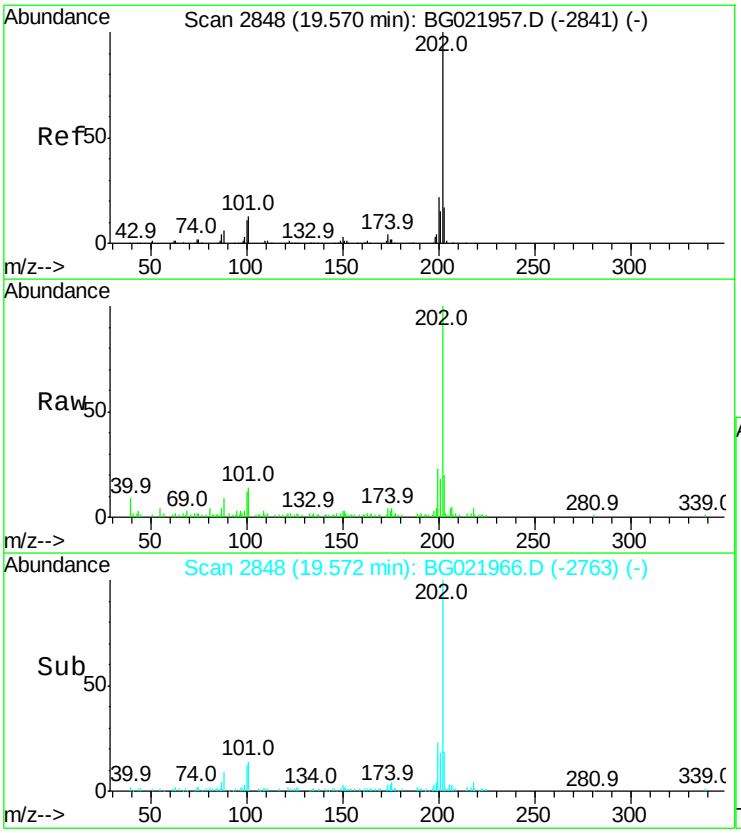
#25
Phenanthrene
Concen: 2.12 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 21380

Ion	Ratio	Lower	Upper
178	100		
179	17.8	11.8	17.8#
176	23.6	14.8	22.2#

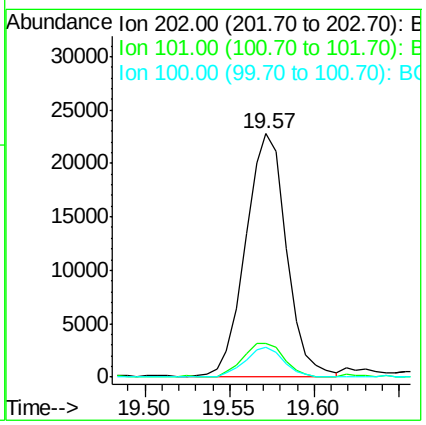


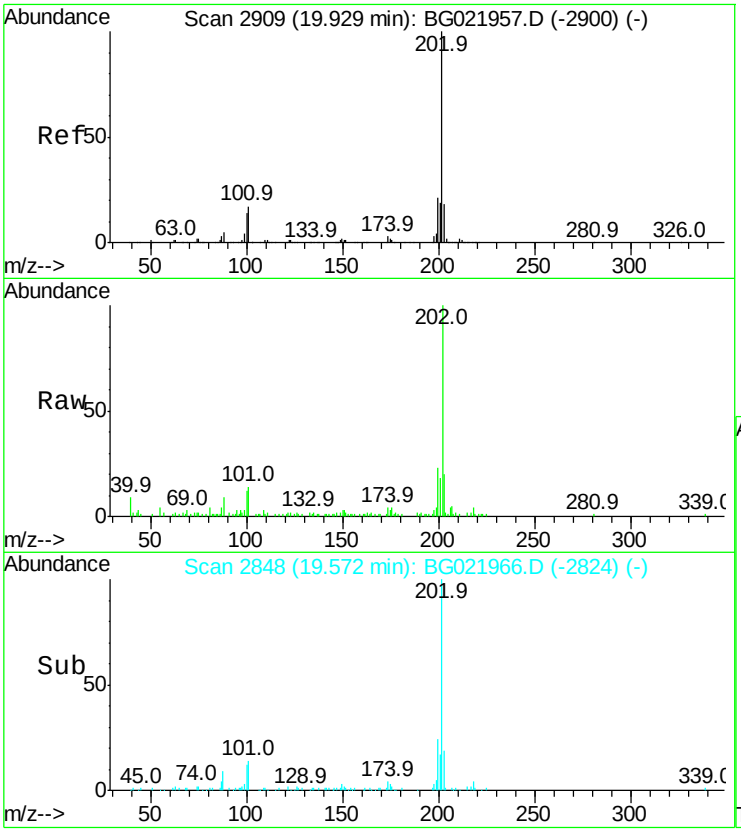


#28
Fluoranthene
Concen: 3.66 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Tgt Ion:202 Resp: 38416

Ion	Ratio	Lower	Upper
202	100		
101	13.9	8.9	13.3#
100	12.1	7.0	10.4#



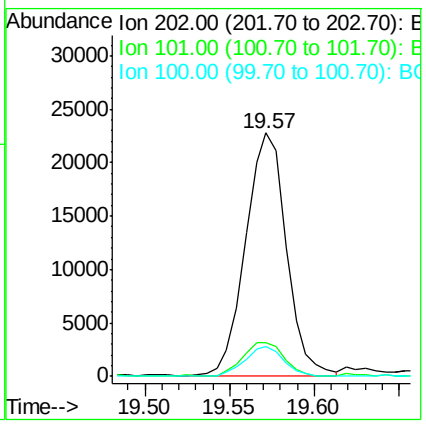


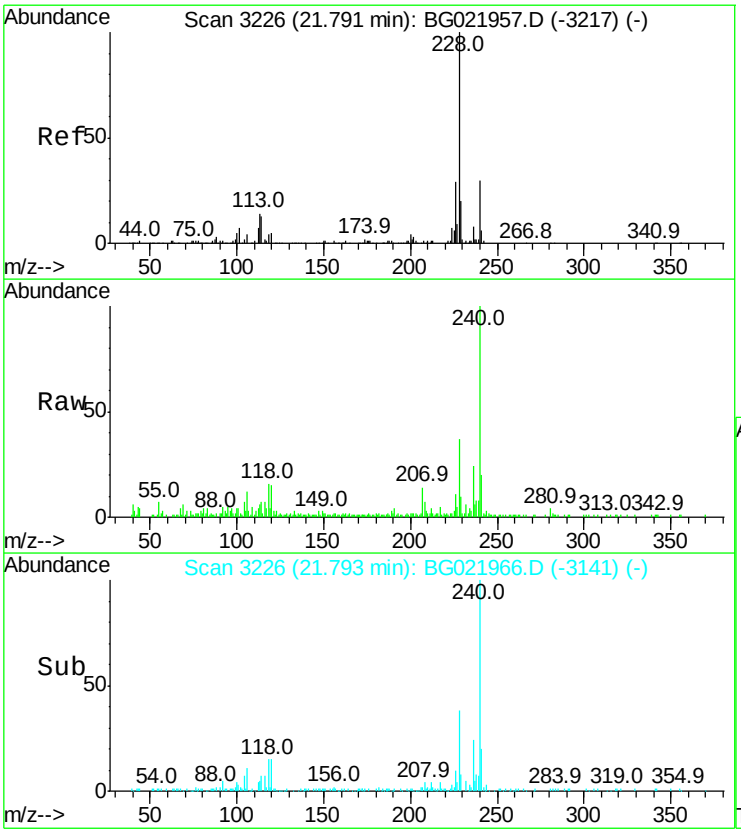
#31
Pyrene
Concen: 3.56 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.36 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 38416

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.8	14.8
100	12.1	9.3	13.9

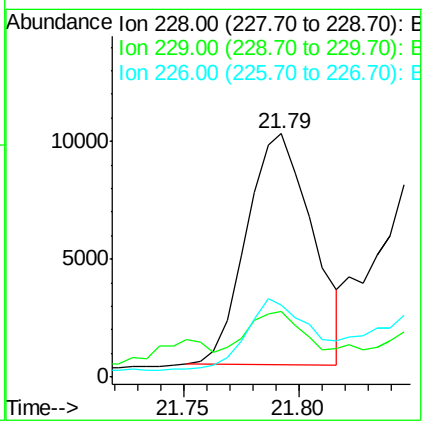


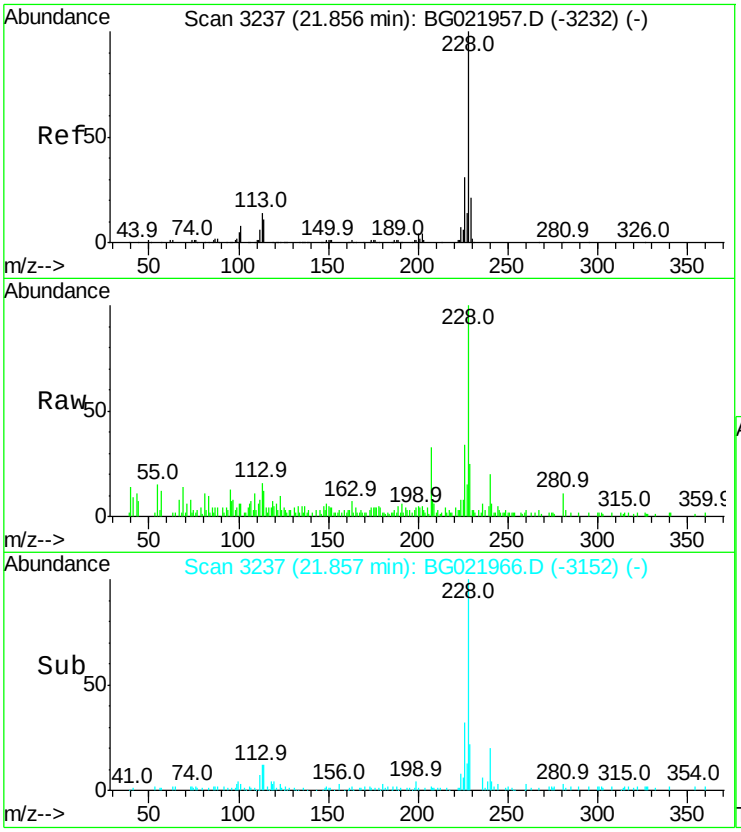


#32
Benzo(a)anthracene
Concen: 2.25 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Tgt Ion:228 Resp: 19540

Ion	Ratio	Lower	Upper
228	100		
229	26.9	16.6	25.0#
226	29.6	21.0	31.4



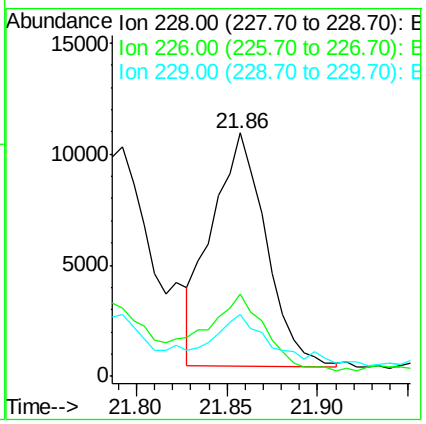


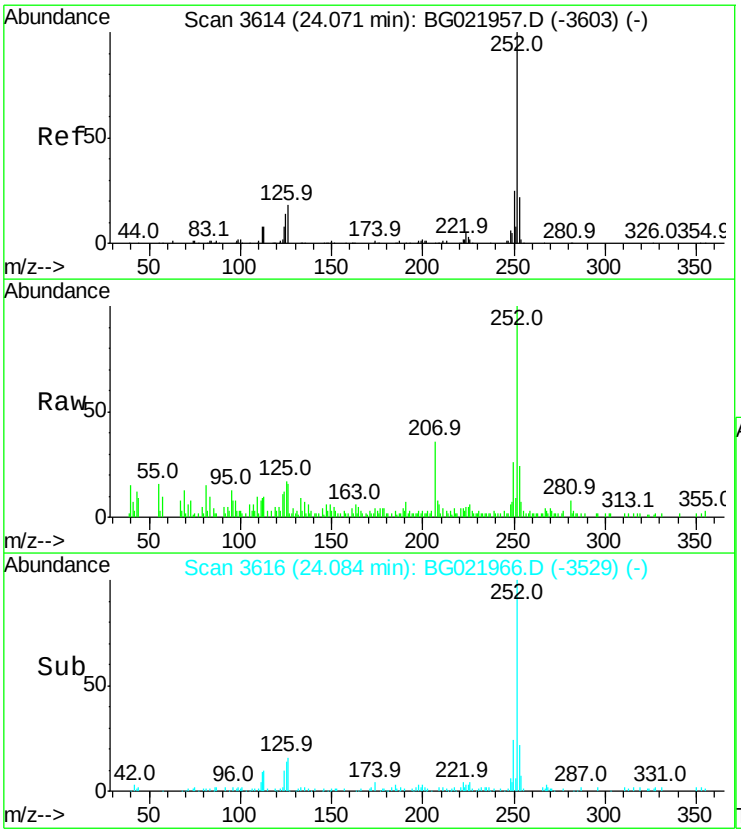
#33
Chrysene
Concen: 2.57 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 21761

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.2
229	25.5	16.2	24.2#

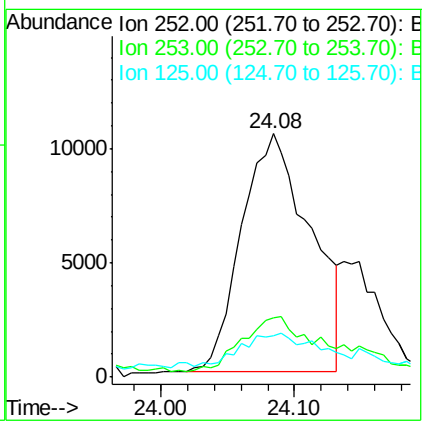


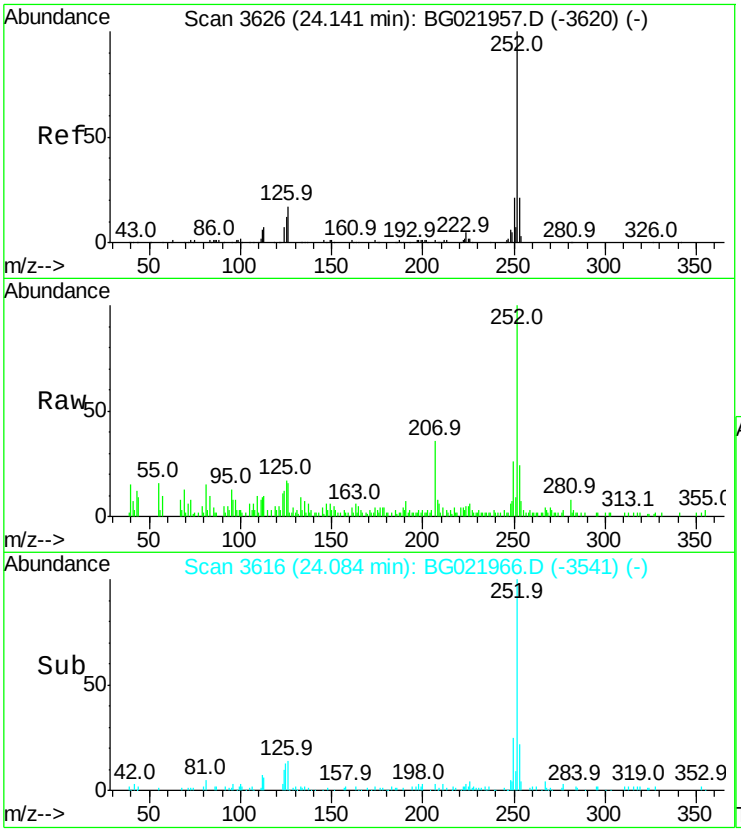


#35
Benzo(b)fluoranthene
Concen: 4.36 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Tgt Ion:252 Resp: 37409

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	16.8	7.6	11.4#



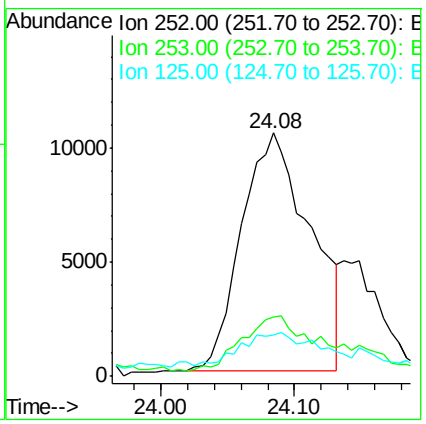


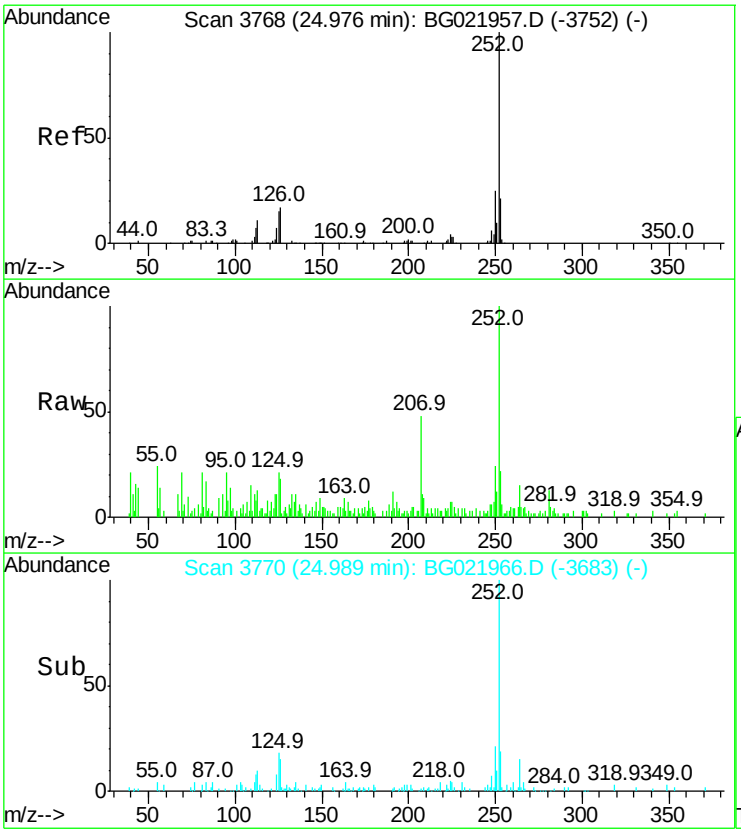
#36
Benzo(k)fluoranthene
Concen: 4.43 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. -0.06 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 37409

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	16.8	7.7	11.5#

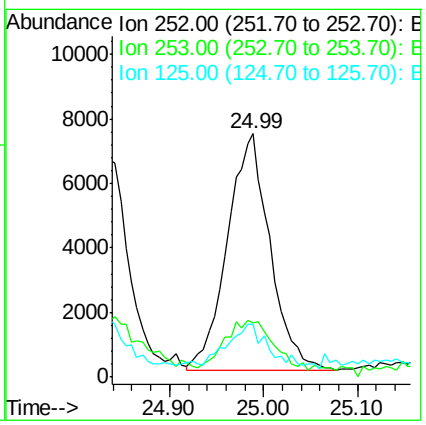


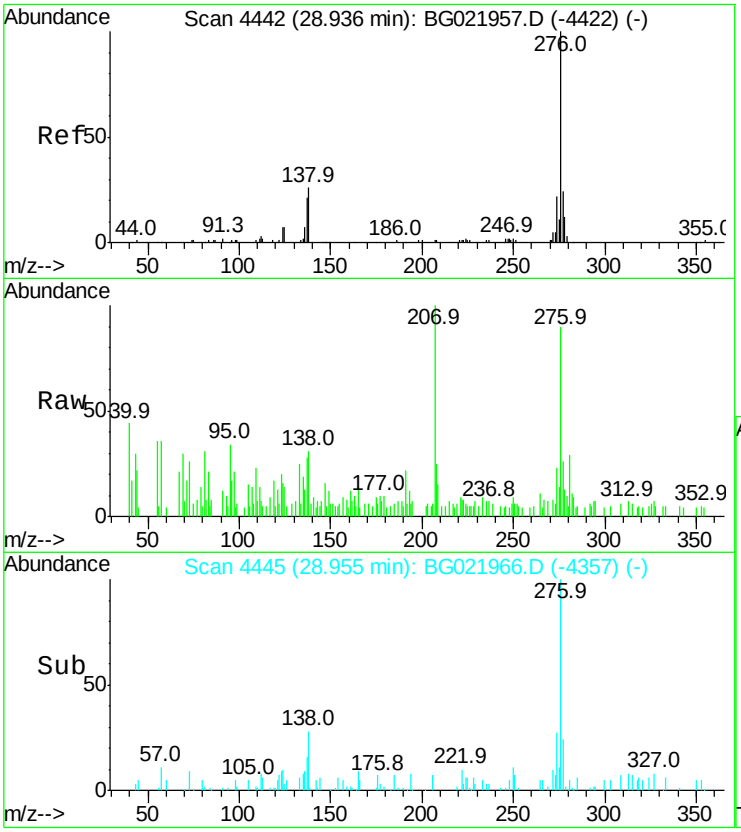


#38
Benzo(a)pyrene
Concen: 2.81 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.01 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Tgt Ion:252 Resp: 23018

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	21.5	8.2	12.2#





#39
Indeno(1,2,3-cd)pyrene
Concen: 1.02 ng/ul
RT: 28.95 min Scan# 4445
Delta R.T. 0.02 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 9531

Ion	Ratio	Lower	Upper
276	100		
138	34.8	15.8	23.6#
277	29.0	19.0	28.6#