Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020924.D
Acq On : 17 Feb 2016 13:32
Operator : SJ/UM
Sample : H1477-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0311-S02-0312

Quant Time: Feb 18 01:04:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 18 00:59:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	16009	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	87631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	55752	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	121072	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	111469	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	105684	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	1316	3.99	ng/uL	0.00
5) Phenol-d5	7.40	99	33809	20.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	19199	22.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28827	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	28918	20.51	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	15961	22.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	17238	24.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	29818	22.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	42626	23.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	113001	23.55	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	139636	23.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	19694	20.50	ng/ul	0.00
58) Fluorene-d10	15.86	176	99223	24.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	11529	19.65	ng/ul	0.00
71) Anthracene-d10	17.71	188	143978	24.07	ng/ul	0.00
79) Pyrene-d10	19.97	212	142573	24.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	141892	24.23	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	40854	8.18	ng/ul	98
70) Phenanthrene	17.65	178	47680	6.25	ng/ul	98
72) Anthracene	17.74	178	12451	1.62	ng/ul	98
77) Fluoranthene	19.64	202	51210	6.49	ng/ul	94
80) Pyrene	20.00	202	40221	5.00	ng/ul	99
83) Benzo(a)anthracene	21.86	228	20004	2.75	ng/ul	98
85) Chrysene	21.93	228	16607	2.48	ng/ul	99
88) Benzo(b)fluoranthene	24.18	252	19728	2.74	ng/ul	95
91) Benzo(a)pyrene	25.10	252	13635	2.00	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.11	276	8502	1.08	ng/ul	94
94) Benzo(g,h,i)perylene	30.31	276	7648	1.19	ng/ul	99

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

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Instrument :
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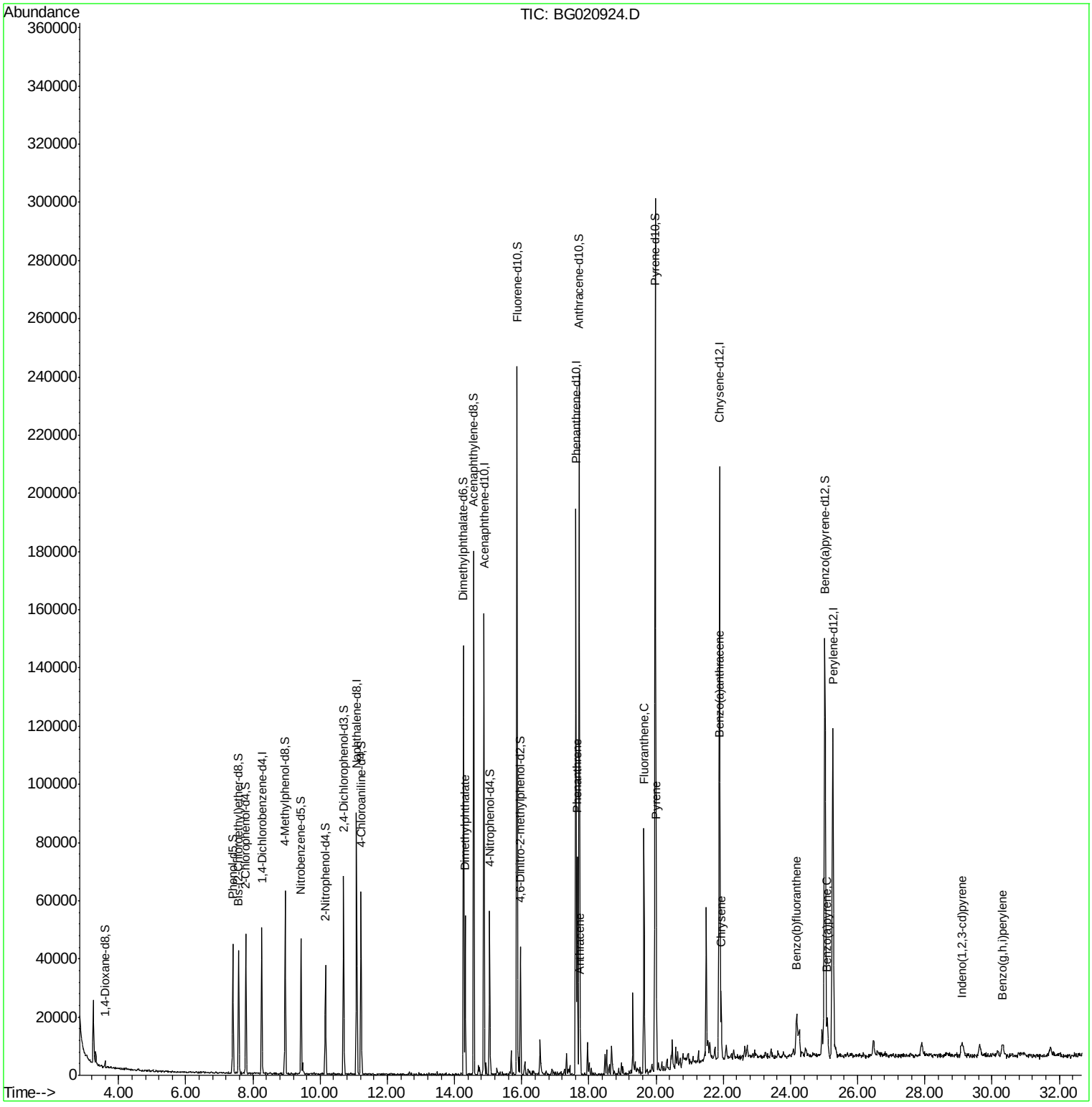
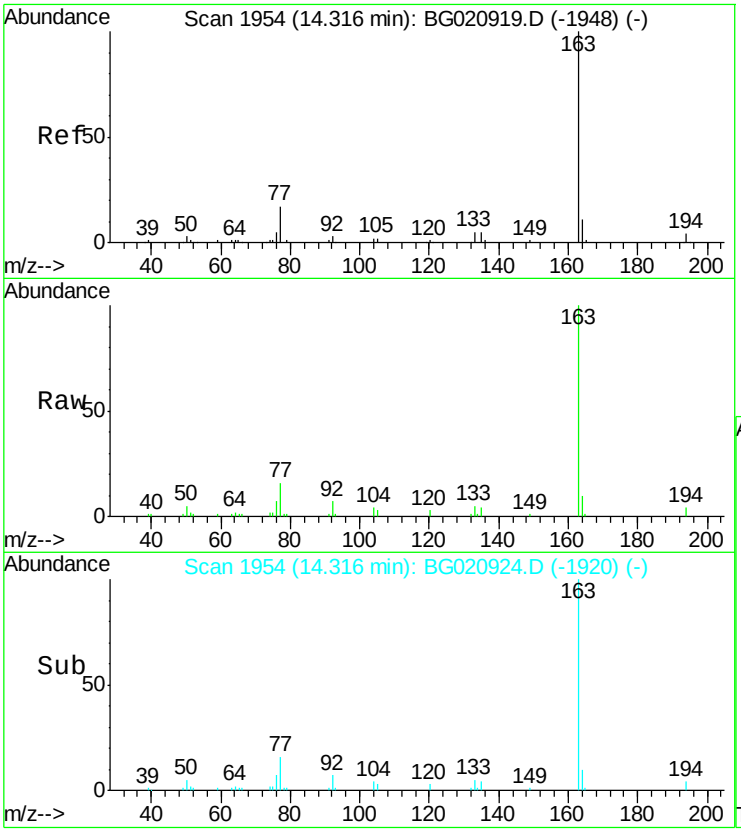


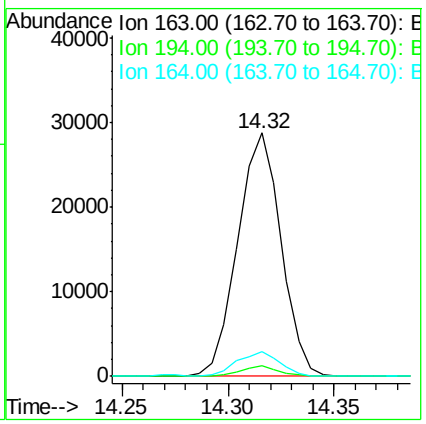


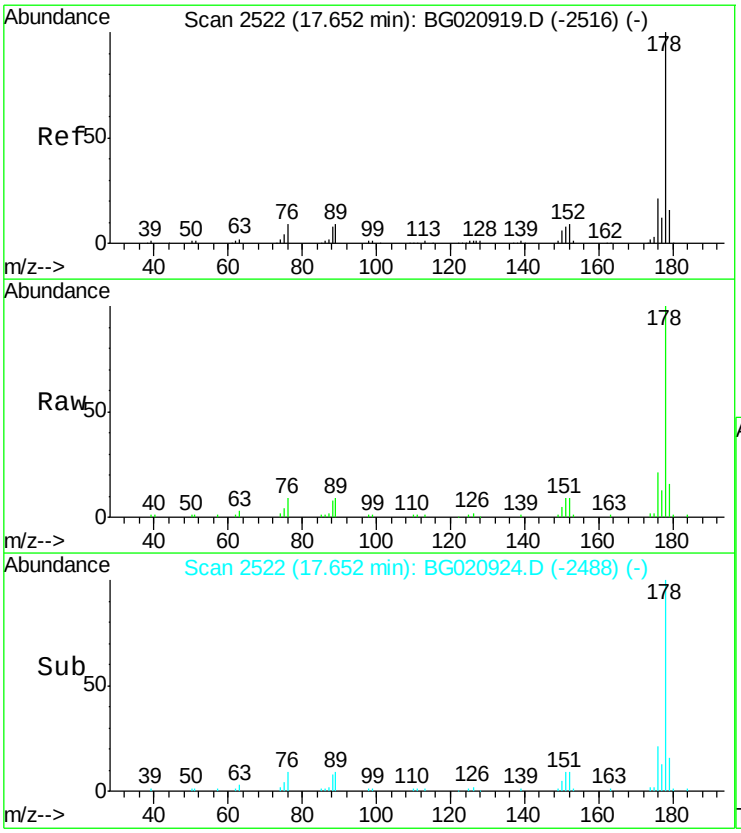
#45
Dimethylphthalate
Concen: 8.18 ng/ul
RT: 14.32 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Instrument :
BNA_G
ClientSampleId :
0311-S02-0312

Tgt Ion:163 Resp: 40854

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.3	7.7	11.5

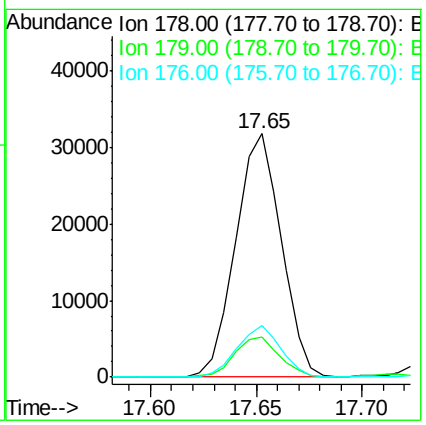


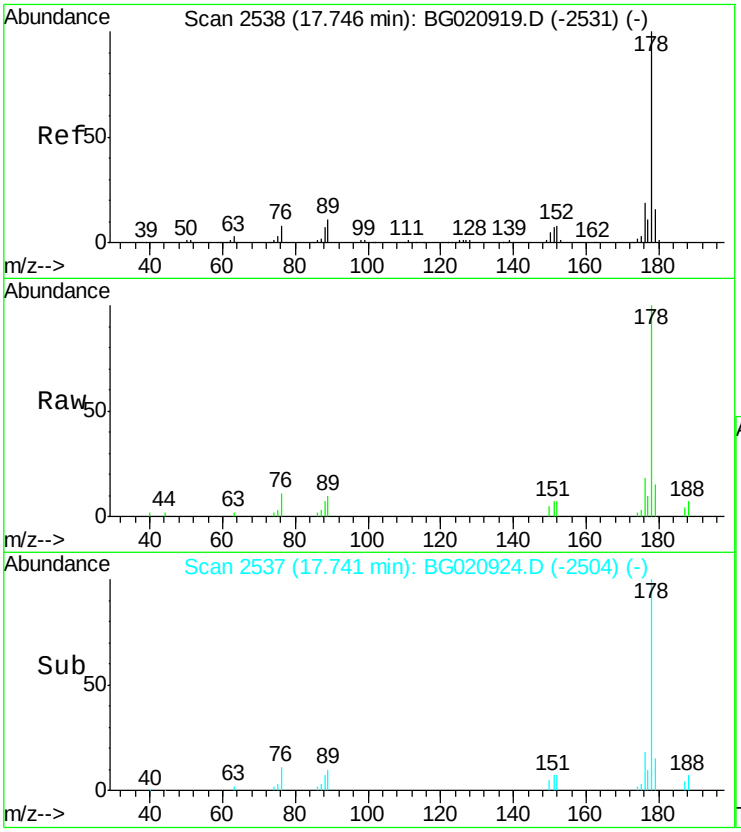


#70
Phenanthrene
Concen: 6.25 ng/ul
RT: 17.65 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Tgt Ion:178 Resp: 47680

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	21.2	16.0	24.0



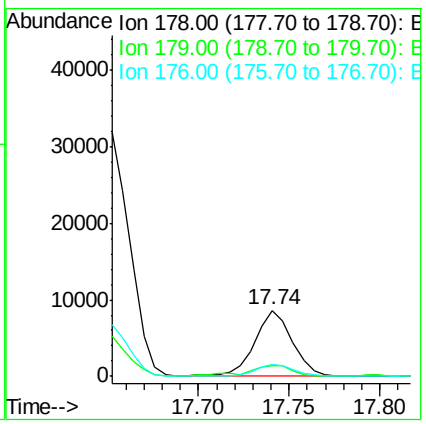


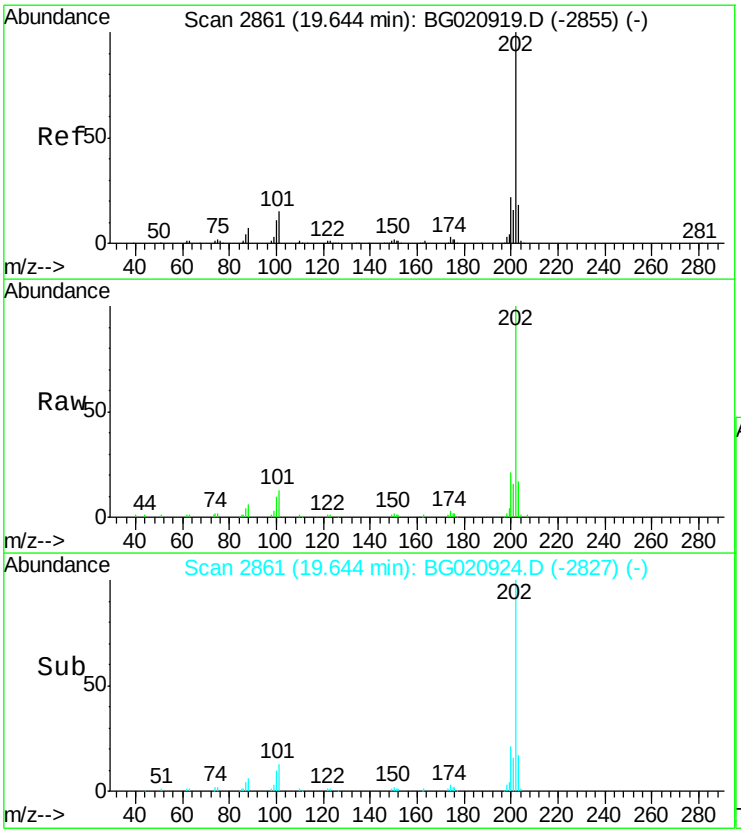
#72
Anthracene
Concen: 1.62 ng/ul
RT: 17.74 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Instrument :
BNA_G
ClientSampleId :
0311-S02-0312

Tgt Ion:178 Resp: 12451

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.4	15.5	23.3

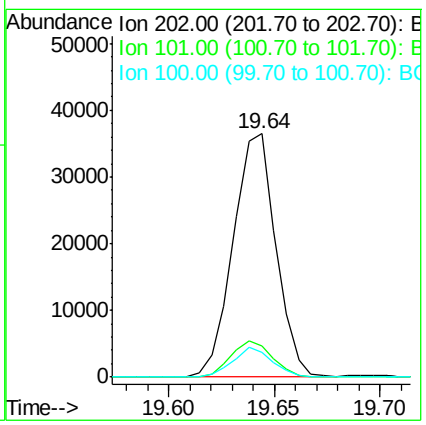


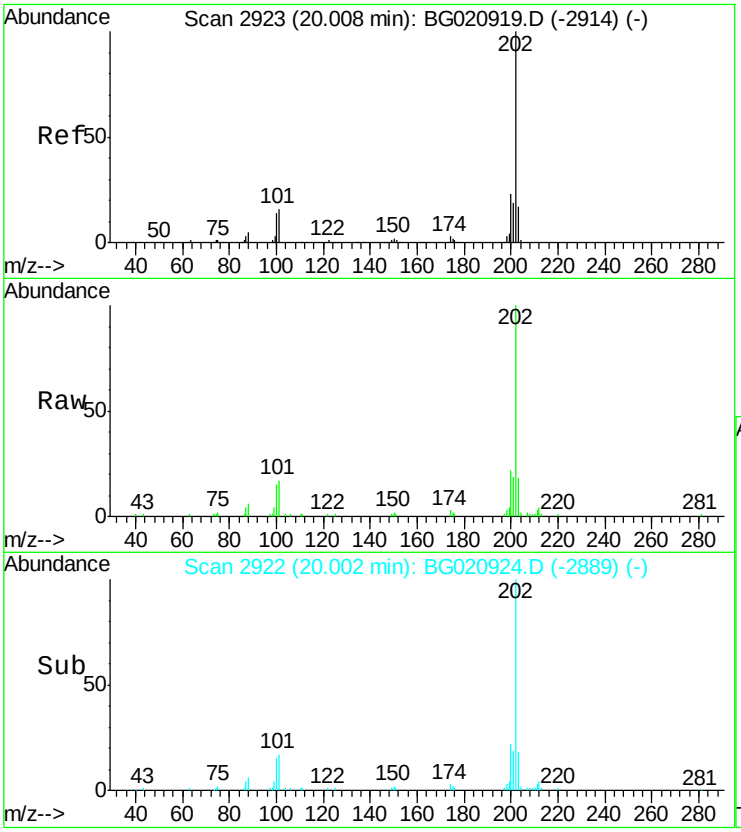


#77
Fluoranthene
Concen: 6.49 ng/ul
RT: 19.64 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Tgt Ion:202 Resp: 51210

Ion	Ratio	Lower	Upper
202	100		
101	13.0	12.5	18.7
100	9.9	9.9	14.9



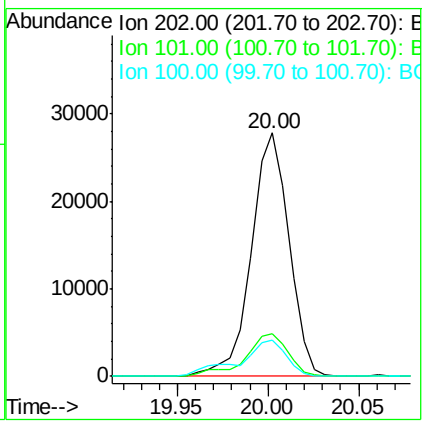


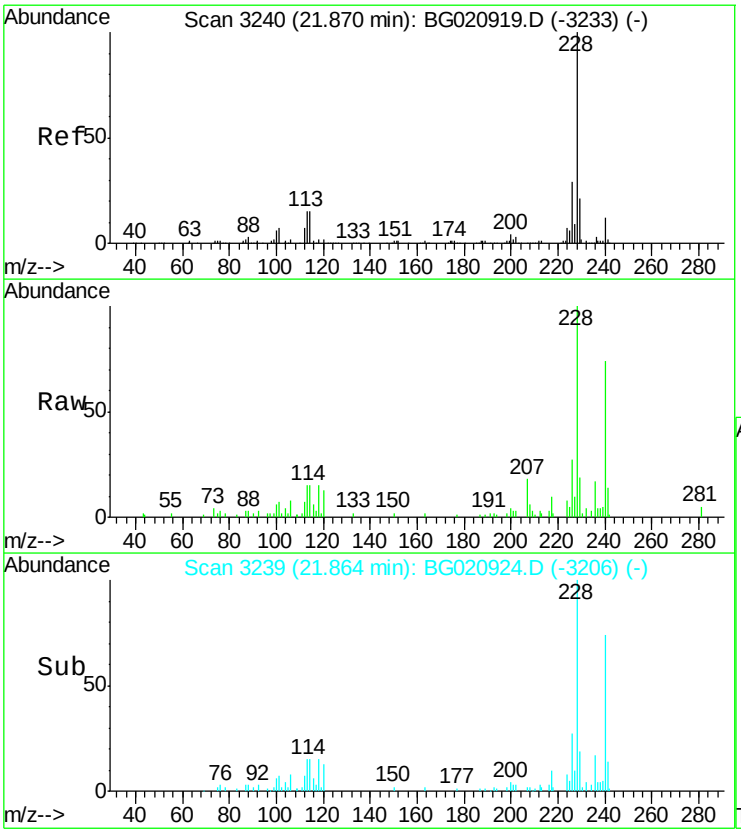
#80
Pyrene
Concen: 5.00 ng/ul
RT: 20.00 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Instrument :
BNA_G
ClientSampleId :
0311-S02-0312

Tgt Ion:202 Resp: 40221

Ion	Ratio	Lower	Upper
202	100		
101	17.3	13.5	20.3
100	14.9	11.7	17.5

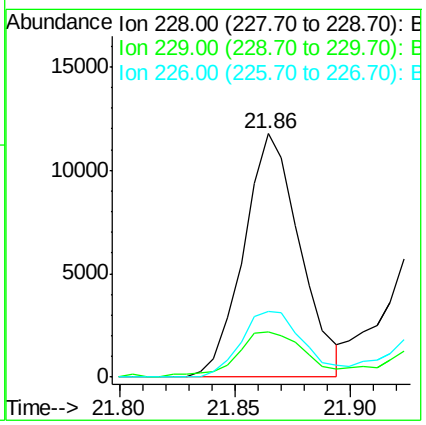


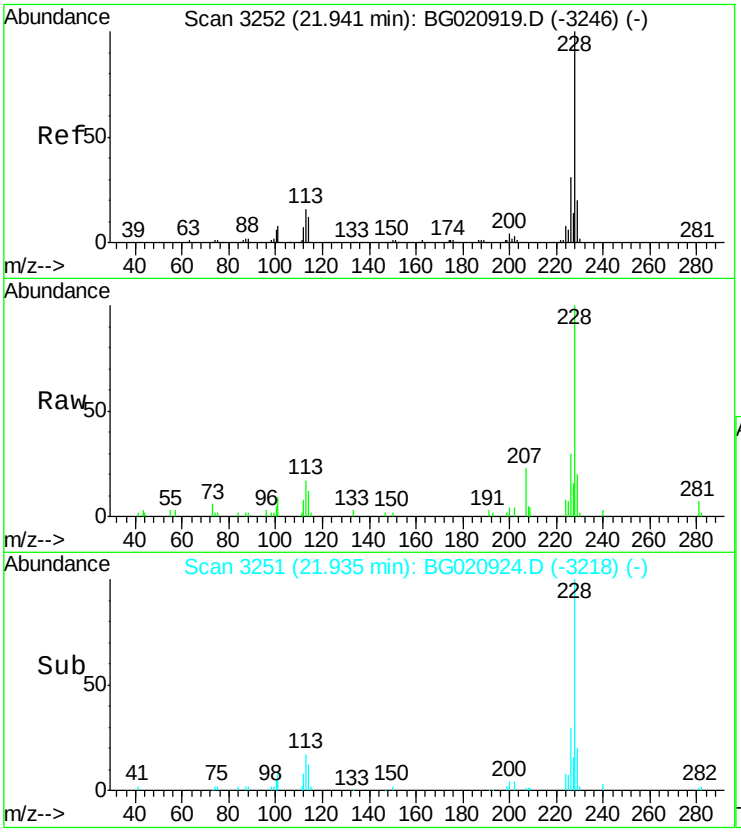


#83
Benzo(a)anthracene
Concen: 2.75 ng/ul
RT: 21.86 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Tgt Ion:228 Resp: 20004

Ion	Ratio	Lower	Upper
228	100		
229	18.7	14.8	22.2
226	26.7	23.0	34.4



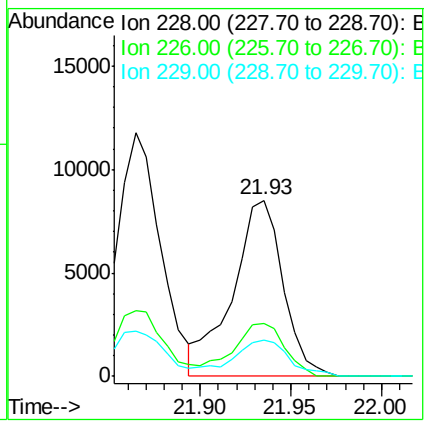


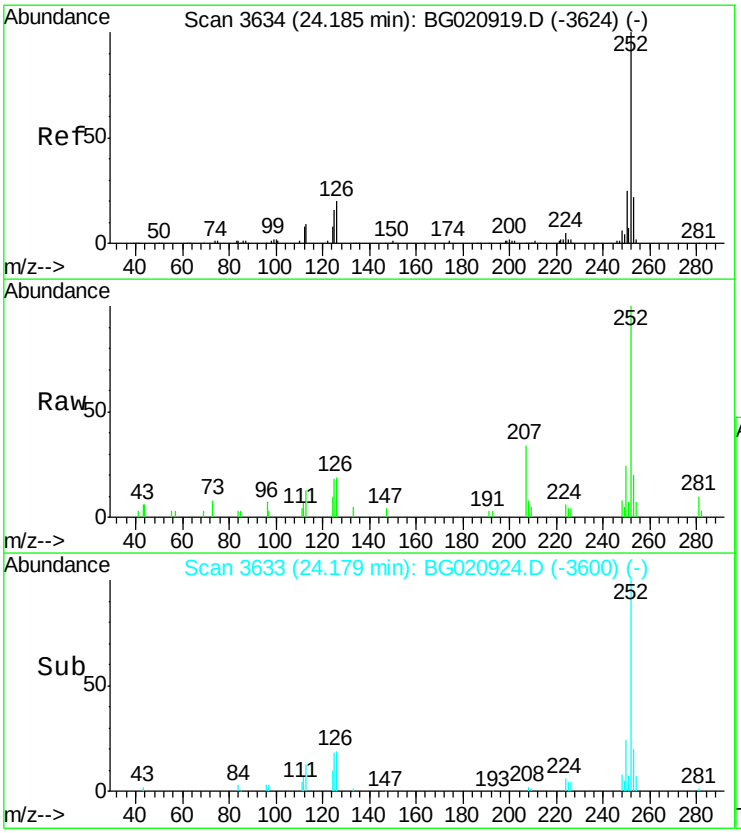
#85
Chrysene
Concen: 2.48 ng/ul
RT: 21.93 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Instrument :
BNA_G
ClientSampleId :
0311-S02-0312

Tgt Ion:228 Resp: 16607

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	20.4	15.8	23.6

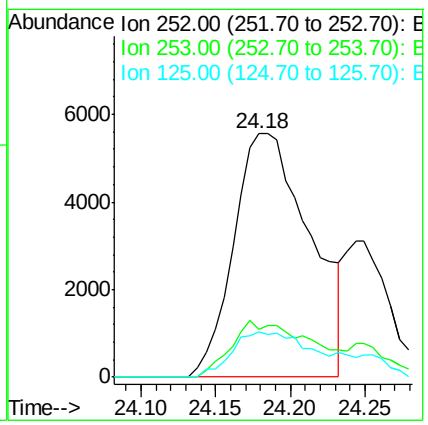


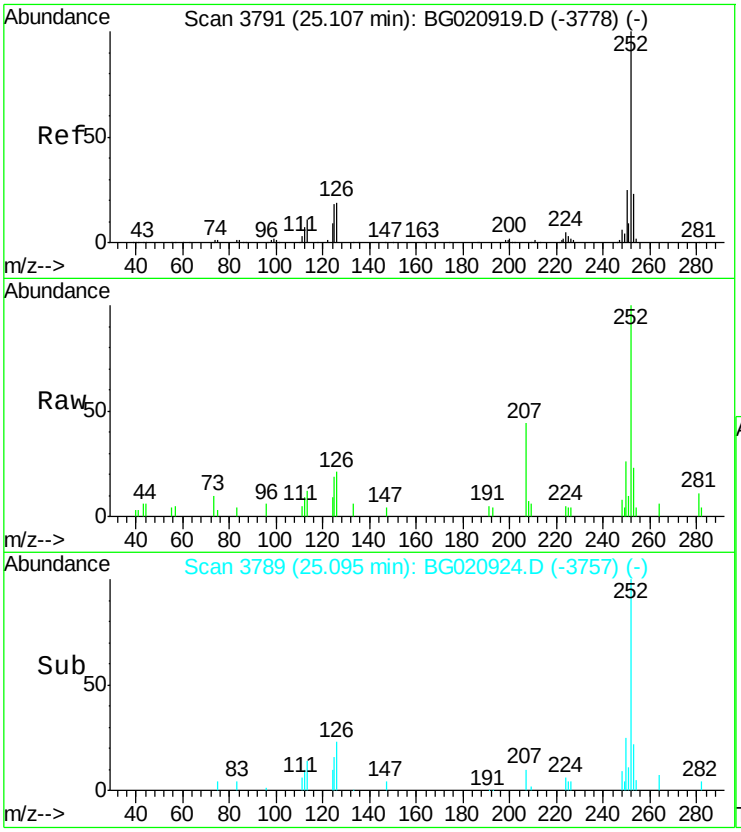


#88
Benzo(b)fluoranthene
Concen: 2.74 ng/ul
RT: 24.18 min Scan# 3633
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Tgt Ion:252 Resp: 19728

Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.1	25.7
125	18.4	12.5	18.7



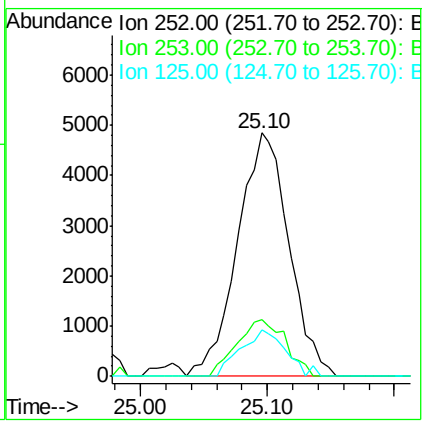


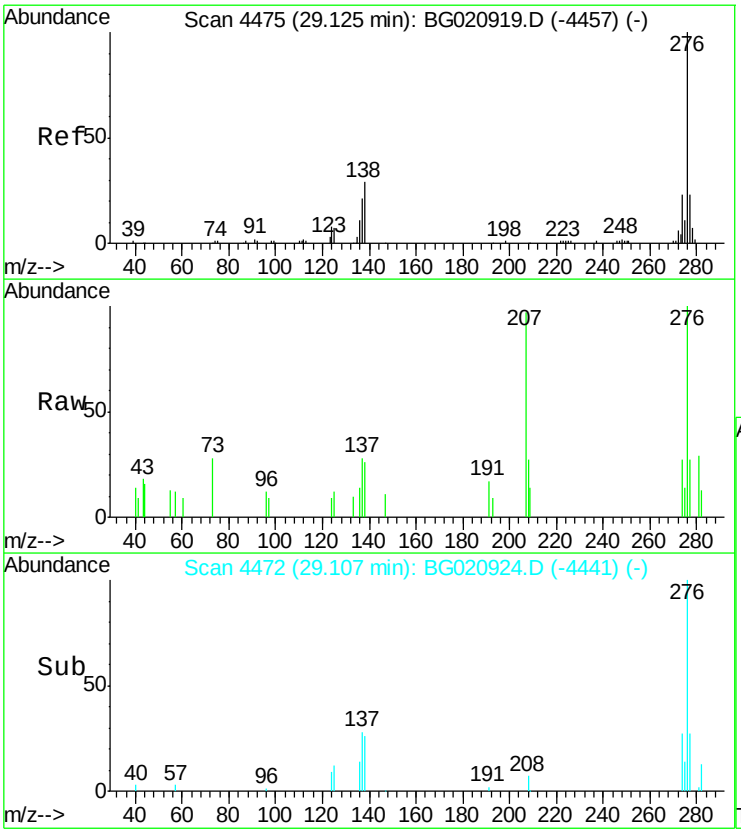
#91
Benzo(a)pyrene
Concen: 2.00 ng/ul
RT: 25.10 min Scan# 3789
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Instrument :
BNA_G
ClientSampleId :
0311-S02-0312

Tgt Ion:252 Resp: 13635

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	19.2	14.2	21.2

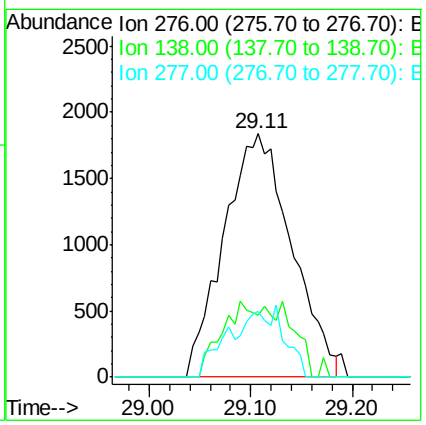


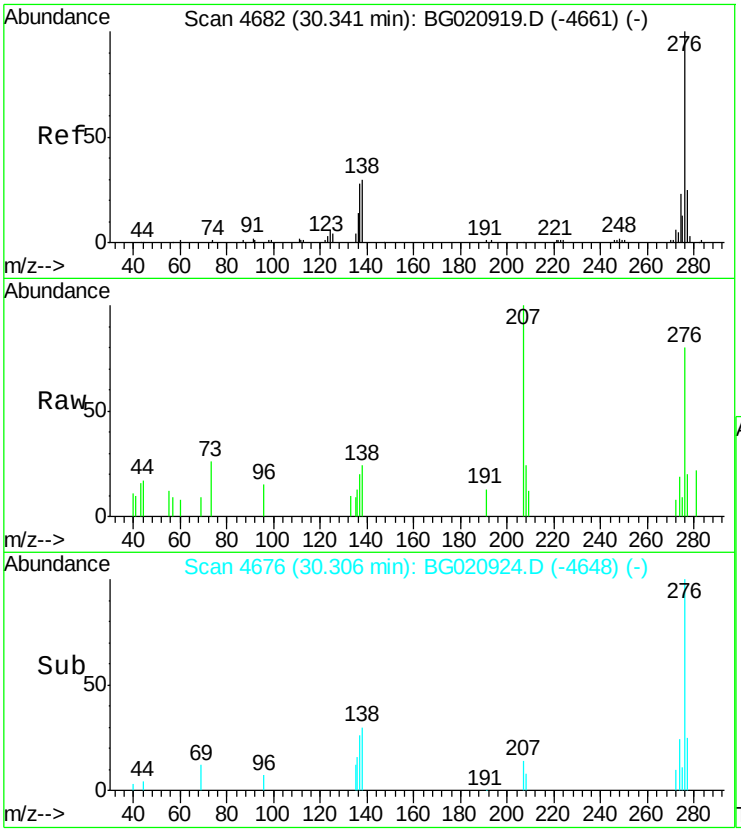


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.08 ng/ul
RT: 29.11 min Scan# 4472
Delta R.T. -0.02 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Tgt Ion:276 Resp: 8502

Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.4	33.6
277	26.8	18.5	27.7





#94
Benzo(g,h,i)perylene
Concen: 1.19 ng/ul
RT: 30.31 min Scan# 4676
Delta R.T. -0.04 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Instrument :
BNA_G
ClientSampleId :
0311-S02-0312

Tgt Ion:276 Resp: 7648

Ion	Ratio	Lower	Upper
276	100		
138	30.5	24.4	36.6
277	24.8	18.7	28.1