Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021964.D
Acq On : 19 May 2016 15:29
Operator : UM/SJ
Sample : H3092-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XD2

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Quant Time: May 20 06:52:43 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	40064	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	205159	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	112455	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	219555	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	194039	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	178944	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2464	2.82	ng/uL	0.00
3) Phenol-d5	7.31	99	52434	14.82	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	29976	15.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	48469	16.69	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	37828	12.00	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23086	16.04	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	24966	16.26	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	41561	15.31	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	10835	5.07	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	138228	15.94	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	188444	16.87	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	13344m	8.75	ng/ul	0.00
21) Fluorene-d10	15.77	176	124288	15.93	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	13232	12.14	ng/ul	0.00
26) Anthracene-d10	17.62	188	168598	16.67	ng/ul	0.00
30) Pyrene-d10	19.90	212	175543	17.15	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	139097	17.50	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	88341	7.53	ng/ul	98
27) Anthracene	17.66	178	13704	1.16	ng/ul	99
28) Fluoranthene	19.57	202	303222	24.86	ng/ul#	92
31) Pyrene	19.93	202	267070m	19.99	ng/ul	
32) Benzo(a)anthracene	21.79	228	133675	12.42	ng/ul	95
33) Chrysene	21.85	228	143403	13.69	ng/ul	96
35) Benzo(b)fluoranthene	24.09	252	229438	22.30	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	67834m	6.70	ng/ul	
38) Benzo(a)pyrene	24.99	252	140093	14.24	ng/ul#	91
39) Indeno(1,2,3-cd)pyrene	28.96	276	99444	8.89	ng/ul#	86
41) Benzo(g,h,i)perylene	30.17	276	82916	8.77	ng/ul#	87

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

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Instrument :
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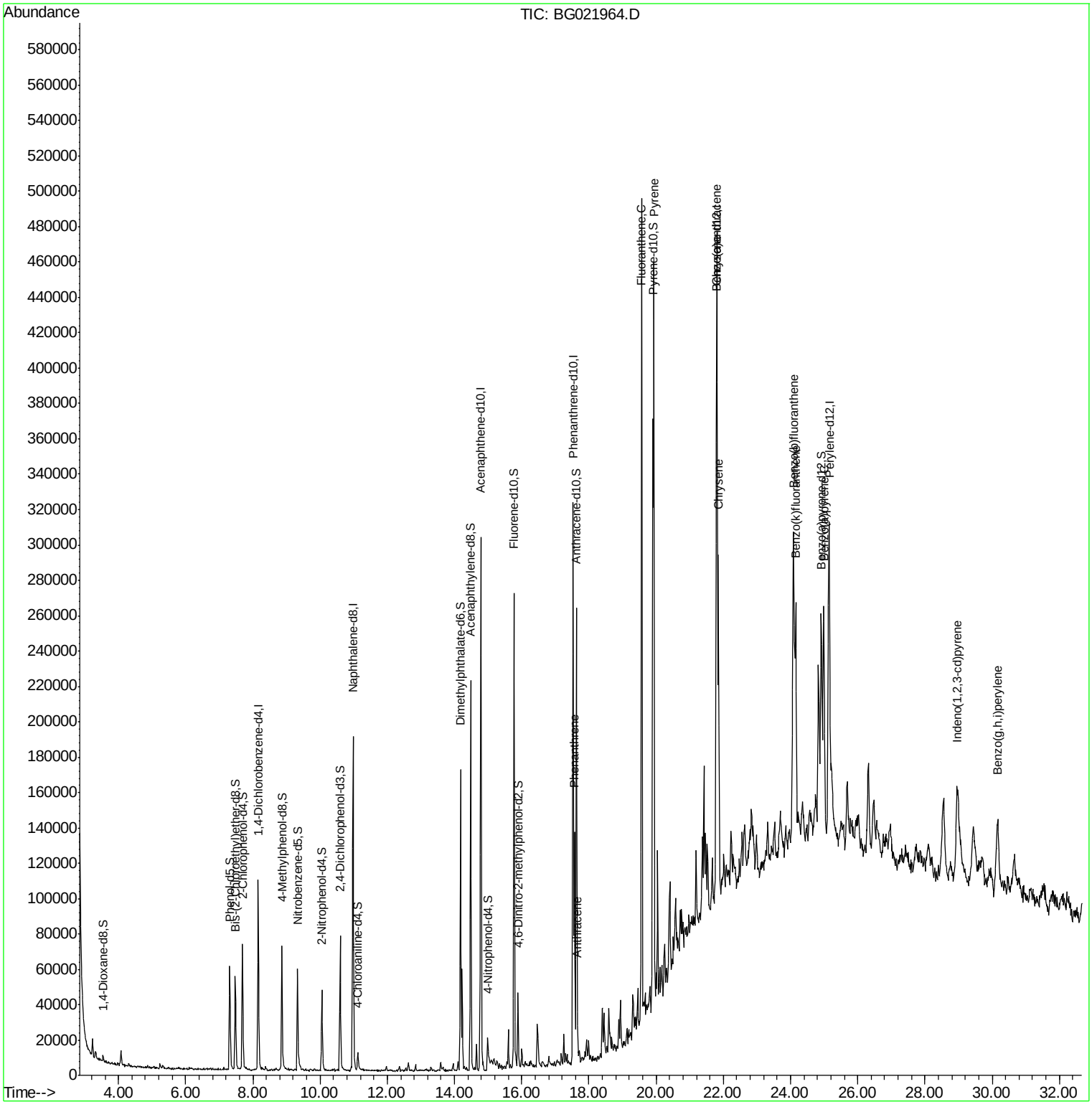
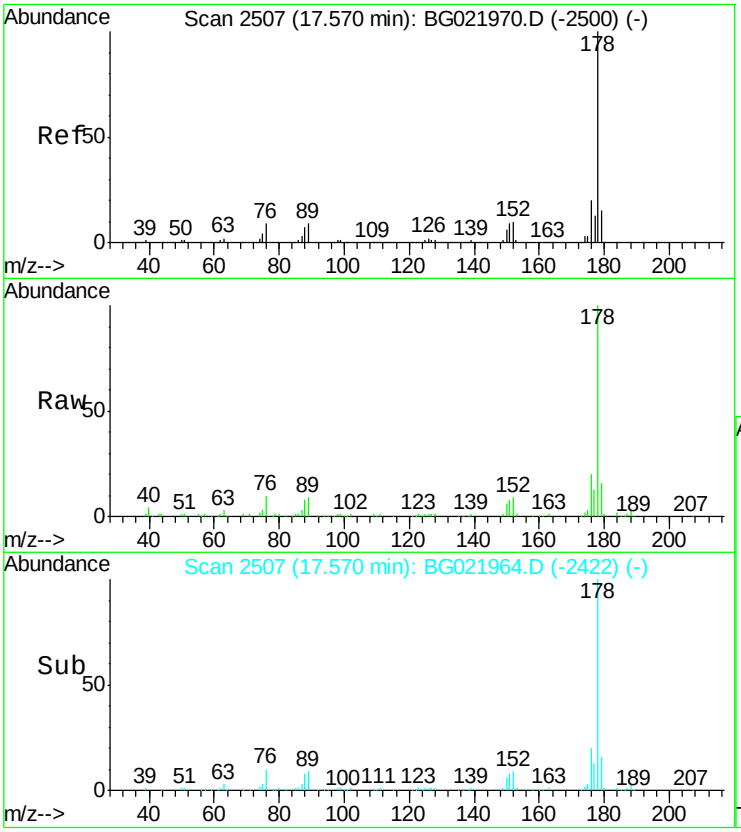
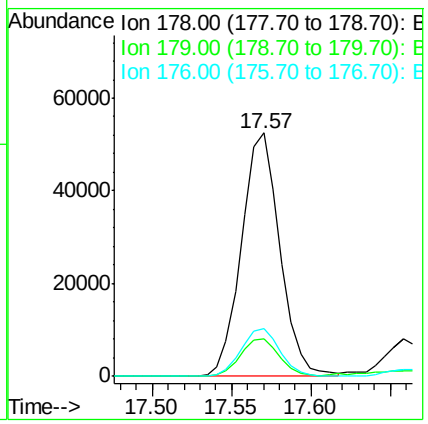




#25
Phenanthrene
Concen: 7.53 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:178 Resp: 88341

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.6	14.8	22.2



Instrument :
BNA_G
ClientSampleId :
D9XD2

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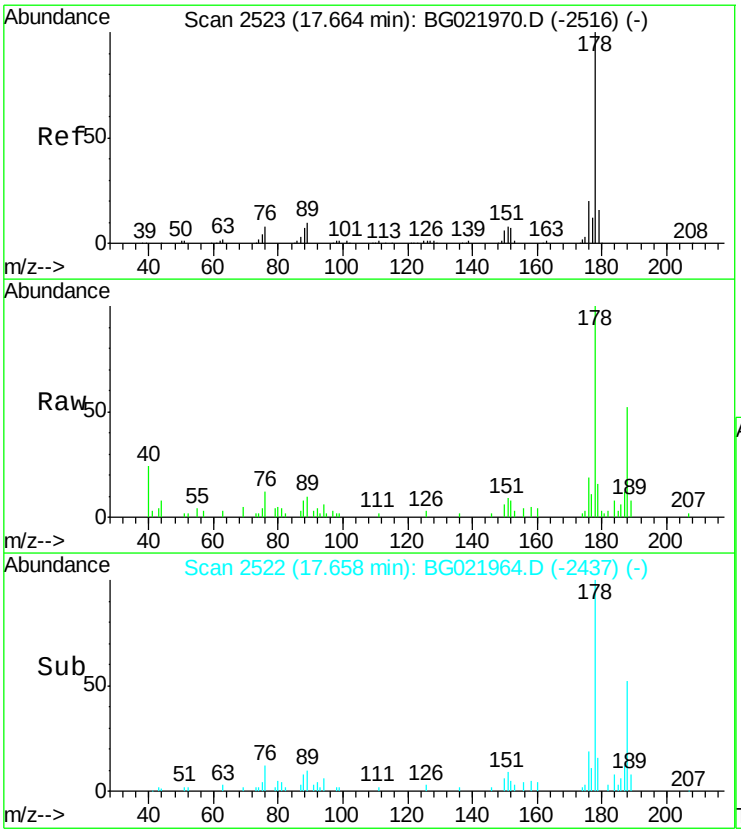
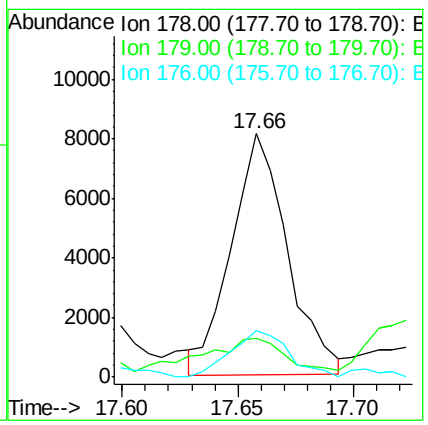
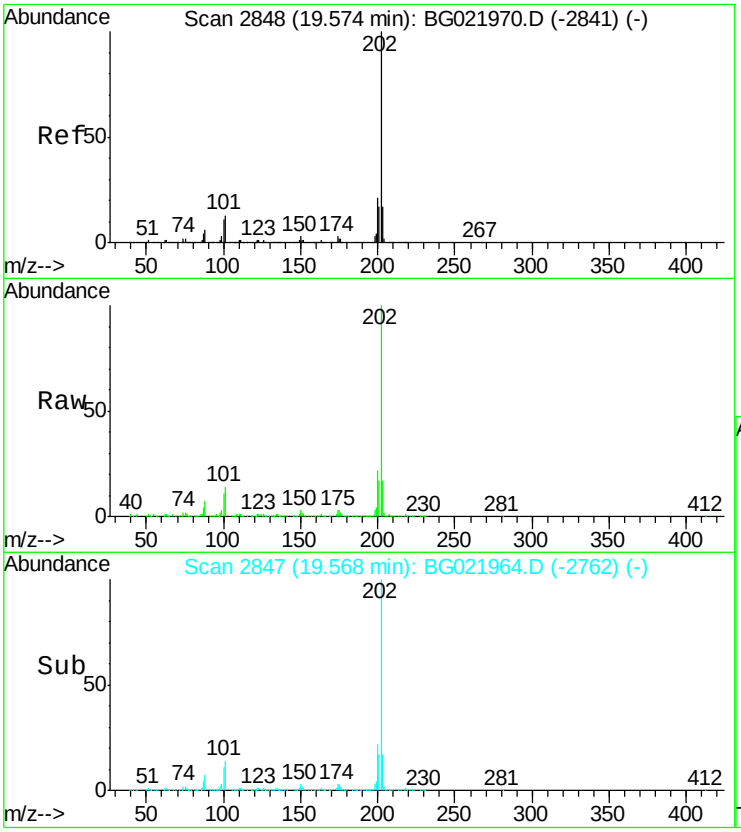


#27
Anthracene
Concen: 1.16 ng/ul
RT: 17.66 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:178 Resp: 13704

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	18.9	15.6	23.4





#28
Fluoranthene
Concen: 24.86 ng/ul
RT: 19.57 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:202 Resp: 303222

Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.9	13.3#
100	11.4	7.0	10.4#

Instrument :
BNA_G
ClientSampleId :
D9XD2

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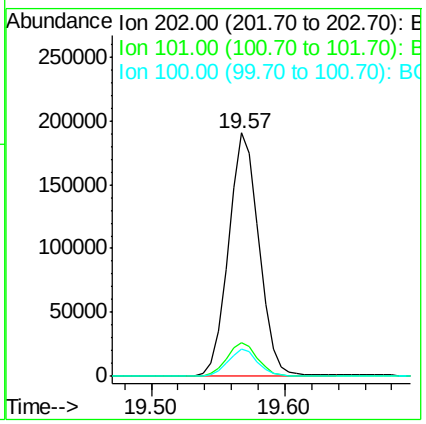
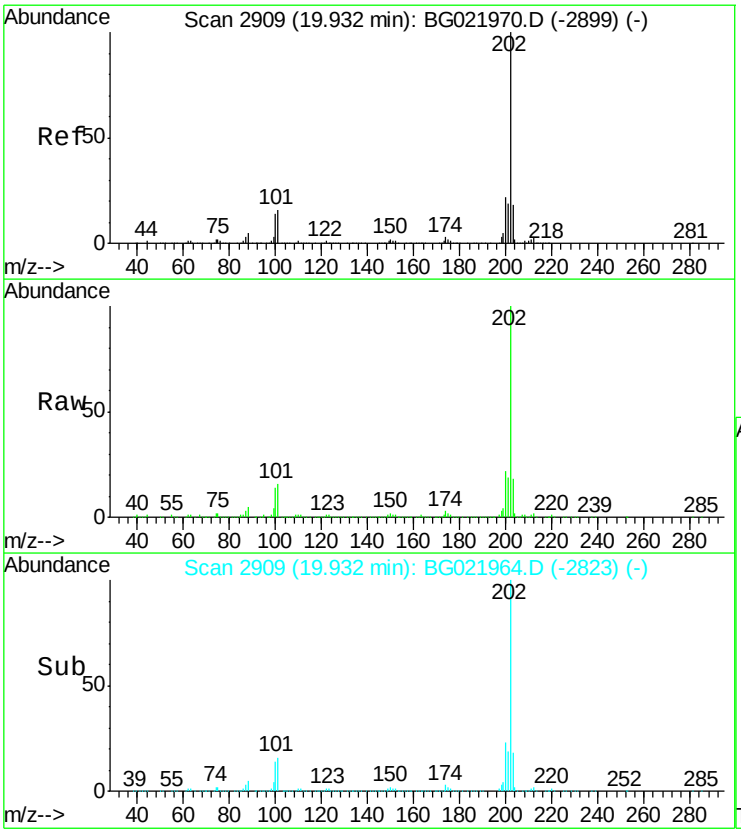
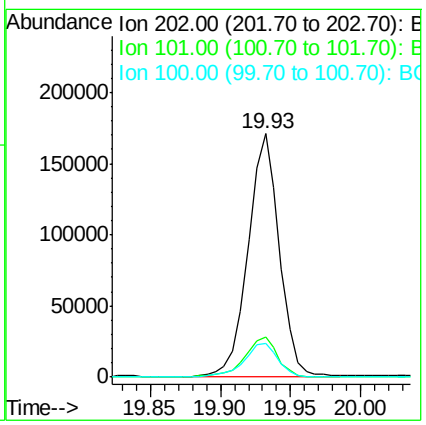


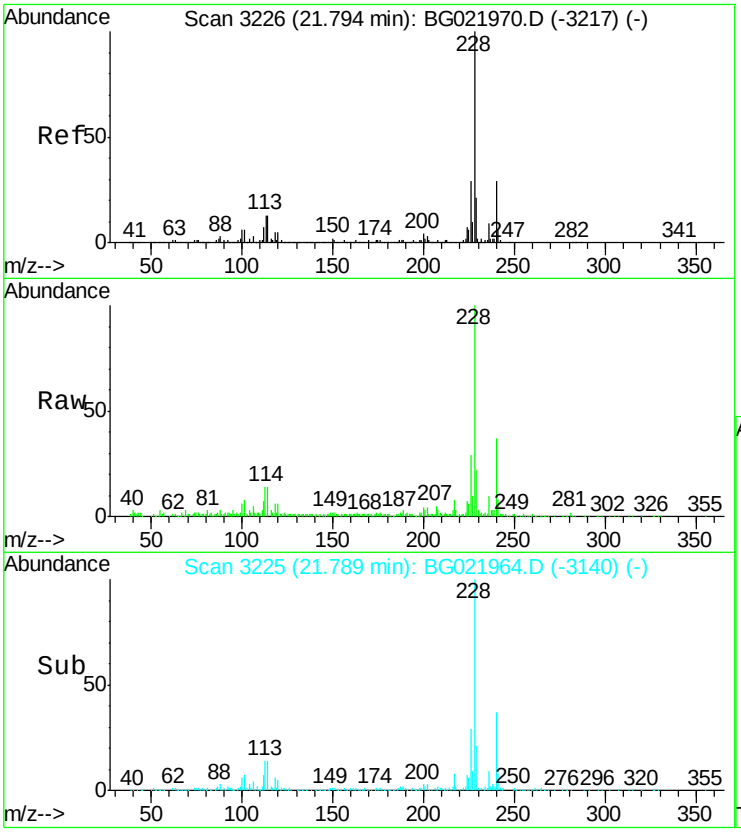


#31
Pyrene
Concen: 19.99 ng/ul m
RT: 19.93 min Scan# 2909
Delta R.T. 0.00 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:202 Resp: 267070

Ion	Ratio	Lower	Upper
202	100		
101	16.4	9.8	14.8#
100	14.0	9.3	13.9#

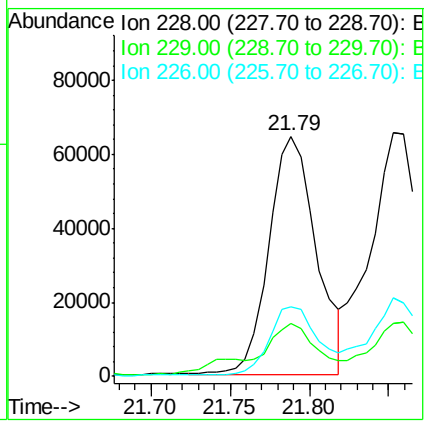




#32
Benzo(a)anthracene
Concen: 12.42 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:228 Resp: 133675

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.6	25.0
226	29.2	21.0	31.4



Instrument :
BNA_G
ClientSampleId :
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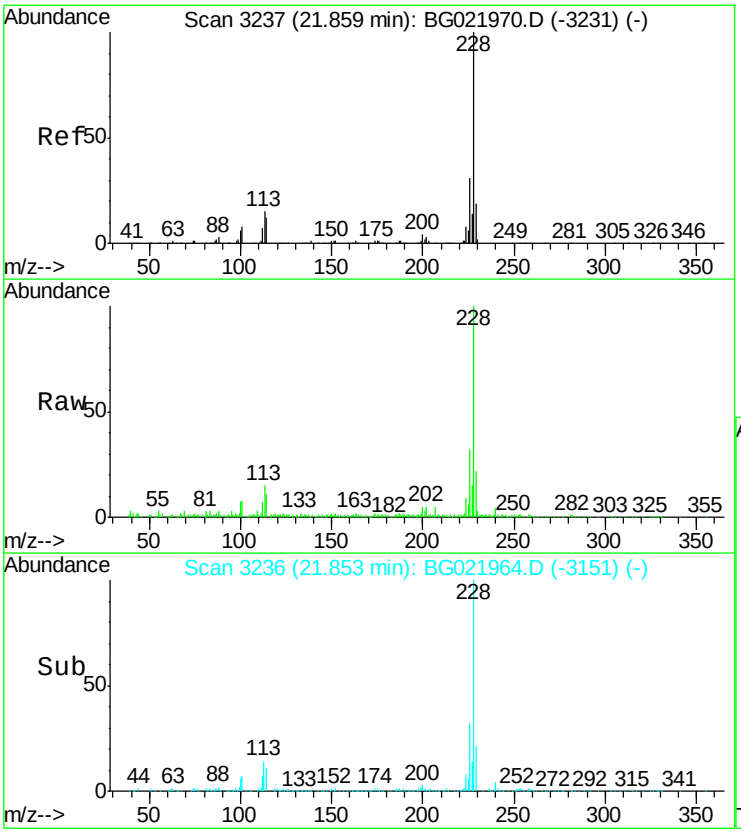
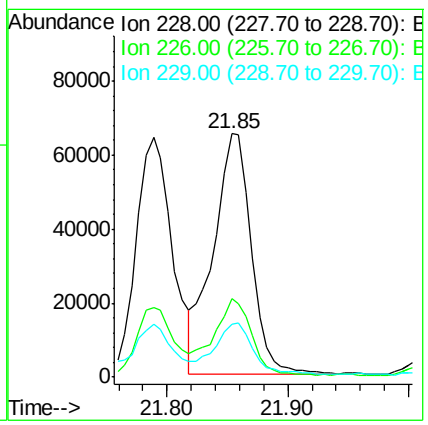
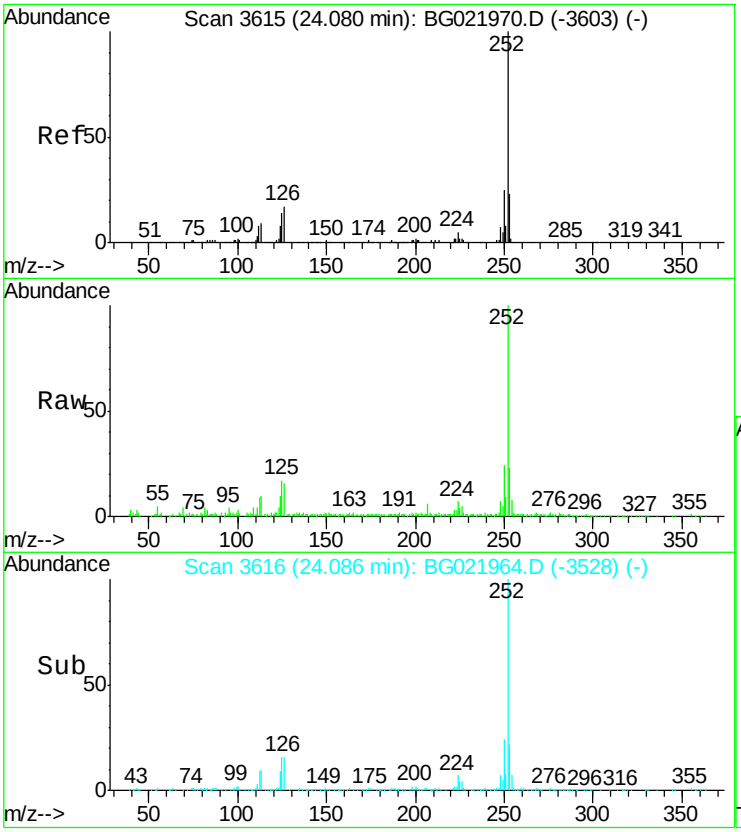


#33
Chrysene
Concen: 13.69 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:228 Resp: 143403

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.2
229	21.8	16.2	24.2





#35
Benzo(b)fluoranthene
Concen: 22.30 ng/ul
RT: 24.09 min Scan# 3616
Delta R.T. 0.02 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:252 Resp: 229438

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	16.6	7.6	11.4#

Instrument :
BNA_G
ClientSampleId :
D9XD2

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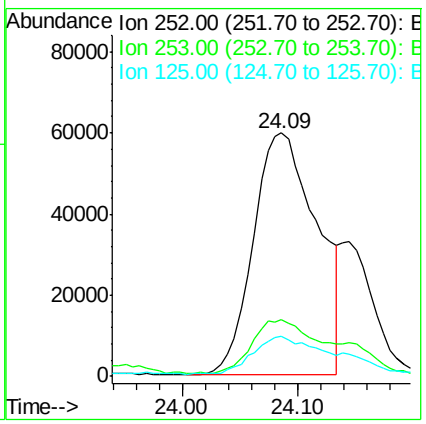
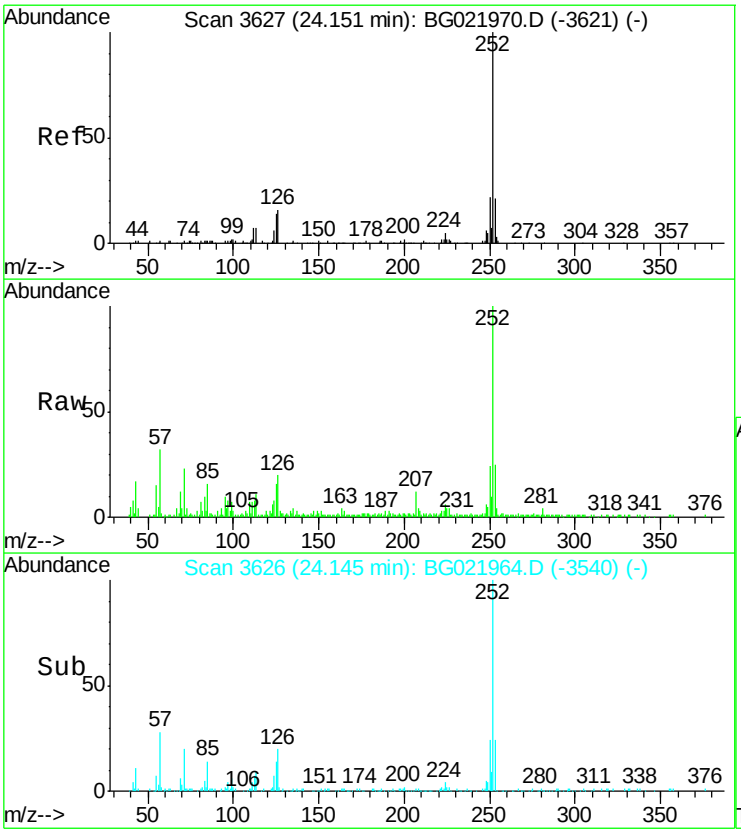
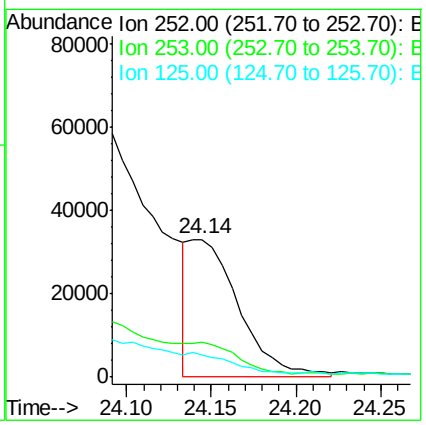


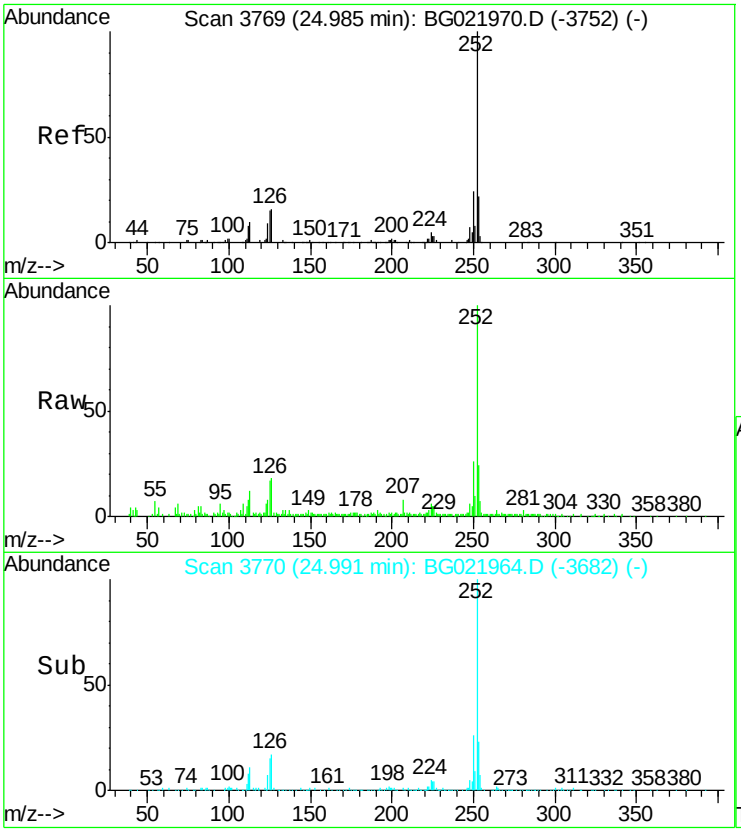


#36
Benzo(k)fluoranthene
Concen: 6.70 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. 0.00 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:252 Resp: 67834

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.8
125	16.1	7.7	11.5#

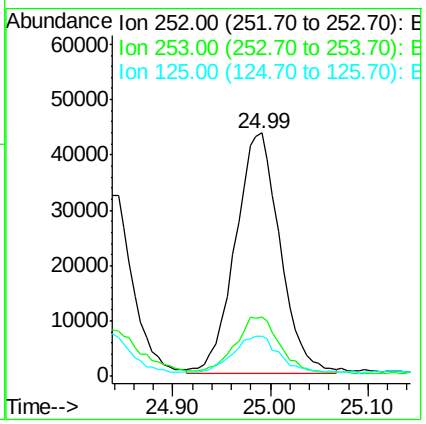




#38
Benzo(a)pyrene
Concen: 14.24 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.02 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:252 Resp: 140093

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	16.7	8.2	12.2#



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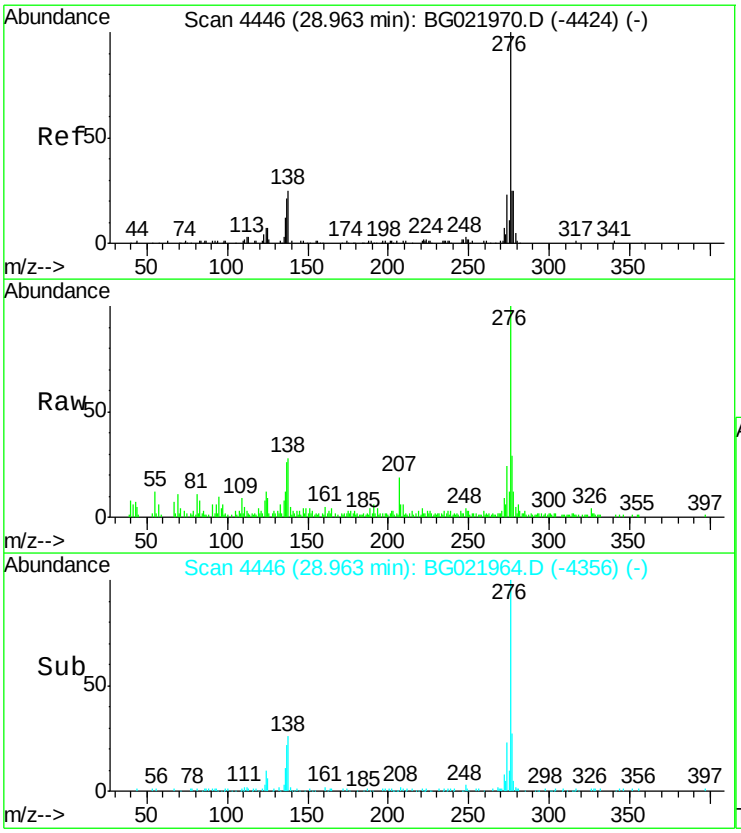
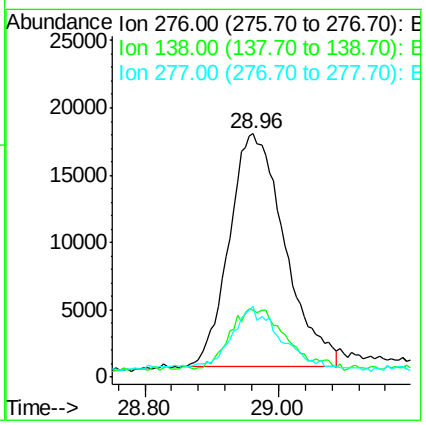
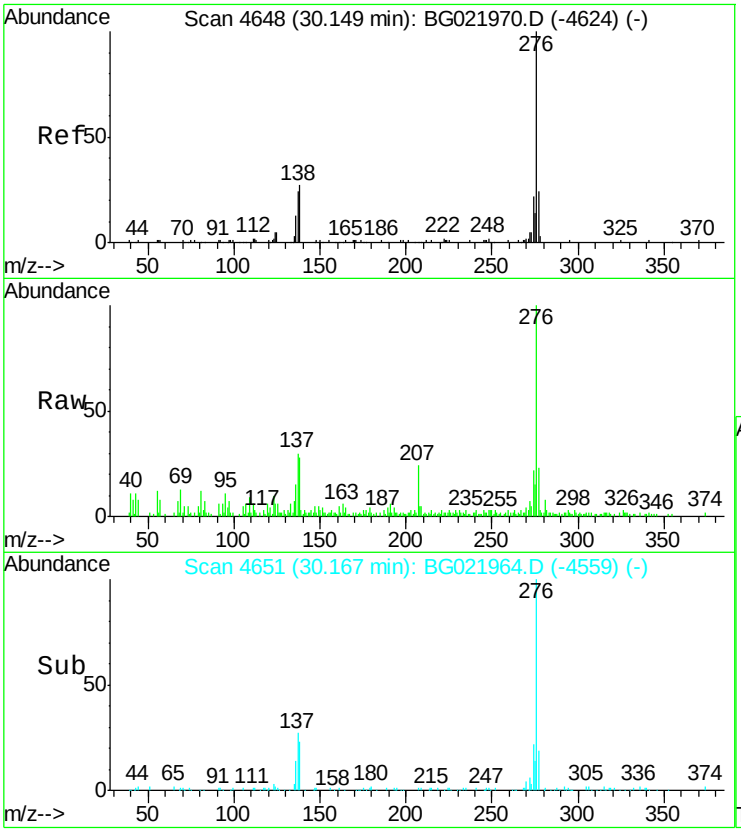


#39
Indeno(1,2,3-cd)pyrene
Concen: 8.89 ng/ul
RT: 28.96 min Scan# 4446
Delta R.T. 0.03 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:276 Resp: 99444

Ion	Ratio	Lower	Upper
276	100		
138	27.6	15.8	23.6#
277	29.1	19.0	28.6#

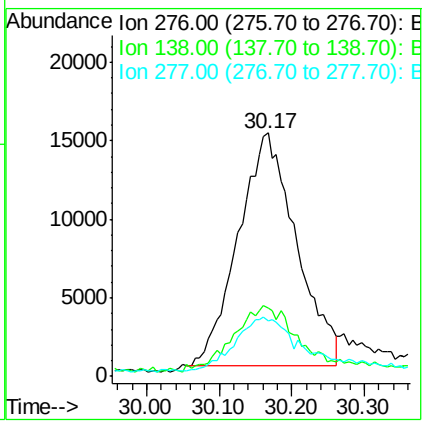




#41
Benzo(g,h,i)perylene
Concen: 8.77 ng/ul
RT: 30.17 min Scan# 4651
Delta R.T. 0.04 min
Lab File: BG021964.D
Acq: 19 May 2016 15:29

Tgt Ion:276 Resp: 82916

Ion	Ratio	Lower	Upper
276	100		
138	28.2	13.9	20.9#
277	22.6	19.8	29.6



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