Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
Data File : BG026931.D
Acq On : 10 May 2017 3:32
Operator : SJ/MA
Sample : I2884-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YAB34

Manual Integrations APPROVED
mohammad
5/10/2017 11:50:35 AM

Quant Time: May 10 04:45:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	977386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.61	164	508315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	909797	20.00	ng/ul	0.00
75) Chrysene-d12	21.59	240	829395	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	893105	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	2445	0.54	ng/uL	0.00
5) Phenol-d5	7.19	99	57321	3.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	35414	3.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	48218	3.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	48762	3.24	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	25913	3.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	23906	2.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	40163	2.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	12589	0.67	ng/ul	0.01
43) Dimethylphthalate-d6	14.02	166	129692	3.17	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	177950	3.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	11780m	1.60	ng/ul	0.03
57) Fluorene-d10	15.60	176	113710	3.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	2751	0.50	ng/ul	0.00
70) Anthracene-d10	17.45	188	158398	3.59	ng/ul	0.00
76) Pyrene-d10	19.73	212	149297	3.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	142537	3.38	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.06	163	51831	1.29	ng/ul	99
69) Phenanthrene	17.39	178	334866	6.53	ng/ul	99
74) Fluoranthene	19.40	202	319978	6.72	ng/ul#	80
77) Pyrene	19.76	202	308812	5.55	ng/ul#	75
80) Benzo(a)anthracene	21.58	228	113652	2.34	ng/ul	98
82) Chrysene	21.64	228	140359	3.11	ng/ul	95
85) Benzo(b)fluoranthene	23.76	252	136916	2.68	ng/ul#	72
88) Benzo(a)pyrene	24.61	252	108838	2.17	ng/ul#	82

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

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Instrument :
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ClientSampleId :
YAB34

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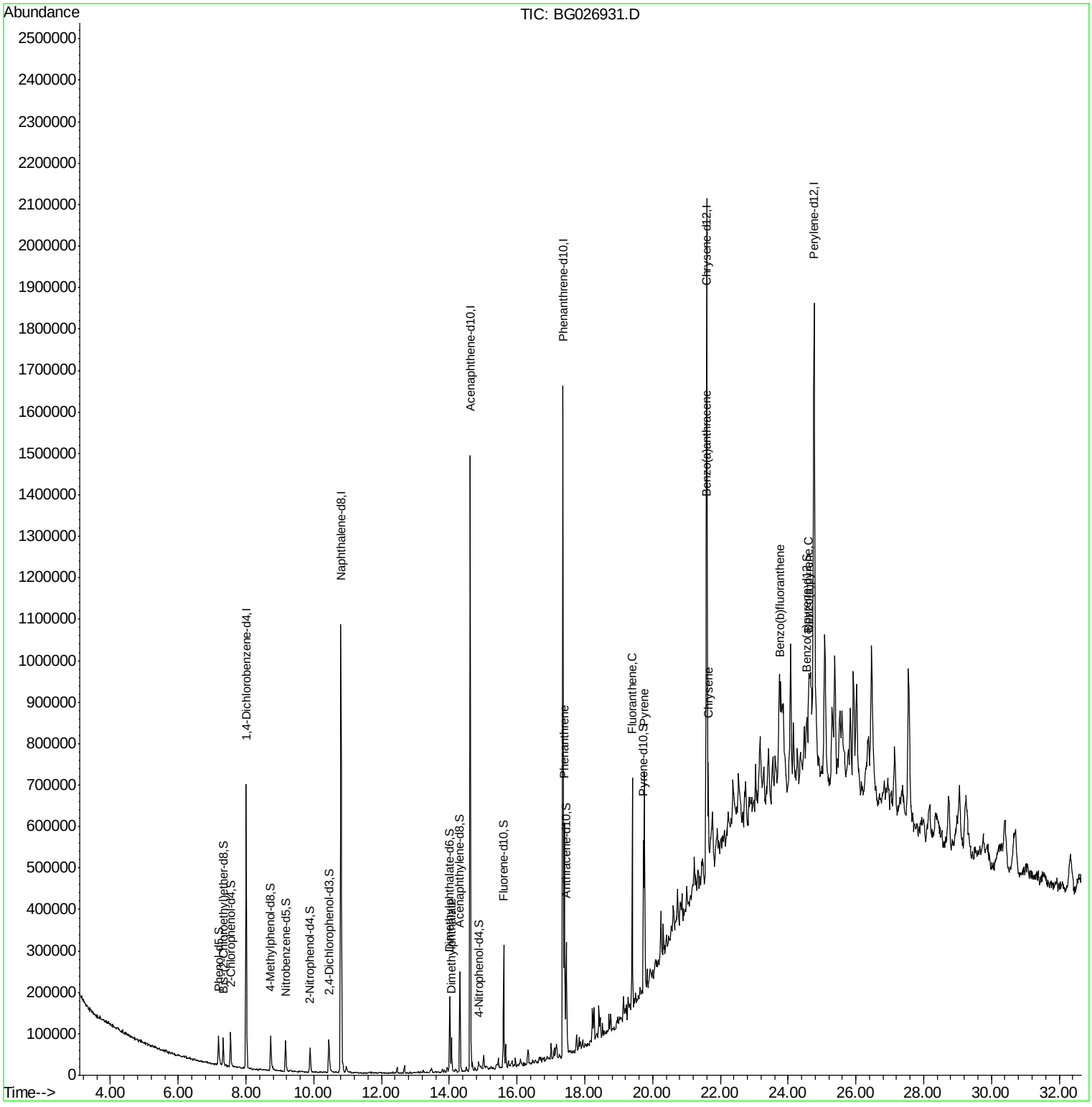
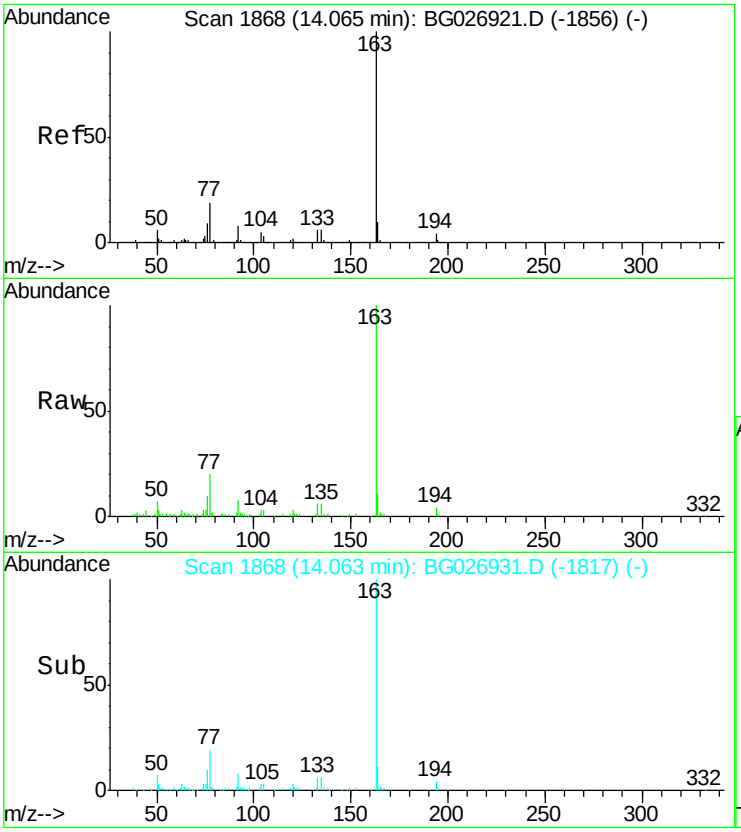
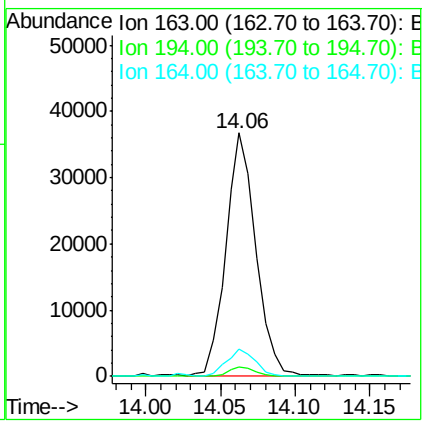




#44
Dimethylphthalate
Concen: 1.29 ng/ul
RT: 14.06 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:163 Resp: 51831

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	11.1	9.0	13.4



Instrument :
BNA_G
ClientSampleId :
YAB34

Manual Integrations APPROVED
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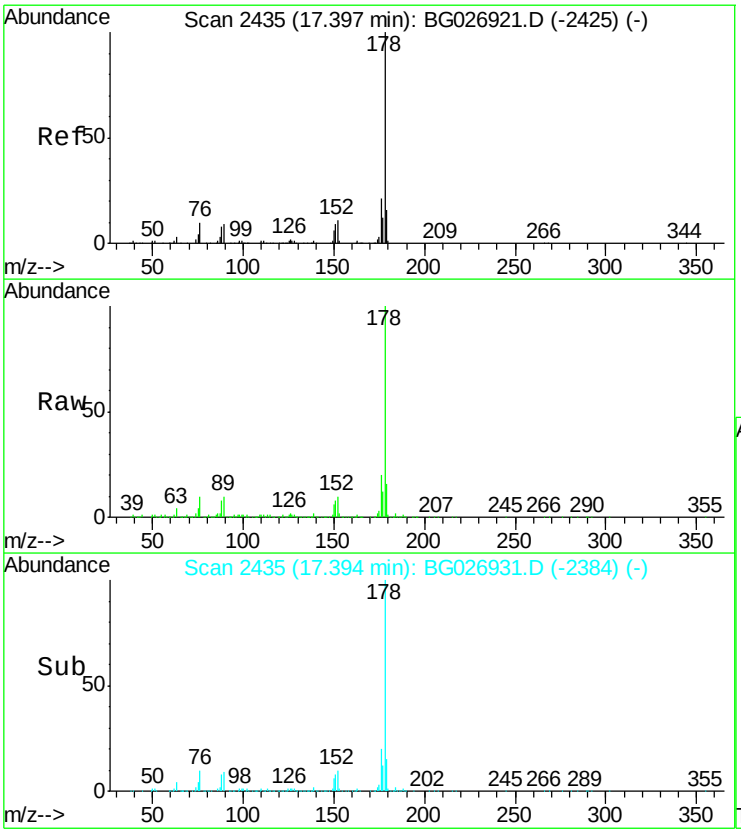
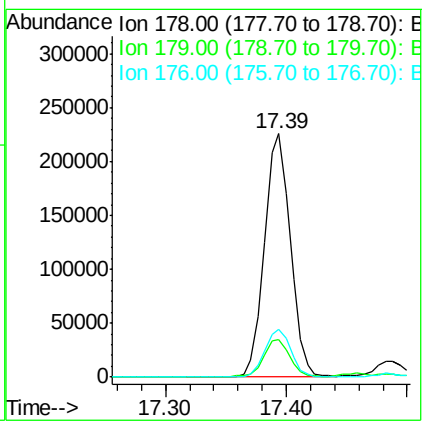
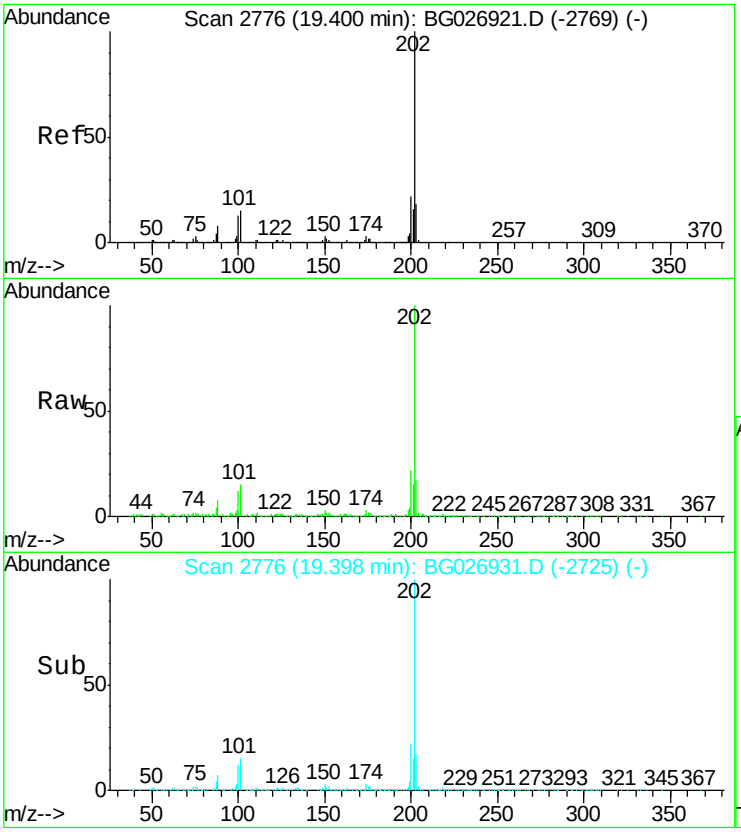


#69
Phenanthrene
Concen: 6.53 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:178 Resp: 334866

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.7	16.5	24.7

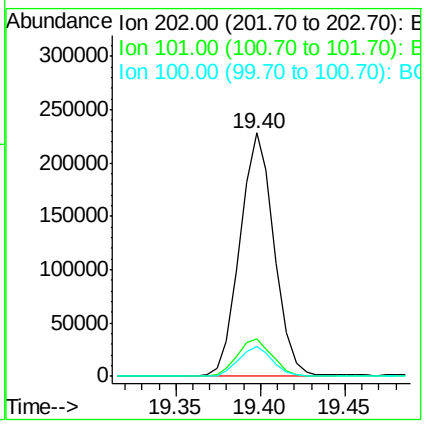




#74
Fluoranthene
Concen: 6.72 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:202 Resp: 319978

Ion	Ratio	Lower	Upper
202	100		
101	15.3	6.2	9.2#
100	12.4	5.2	7.8#



Instrument :
BNA_G
ClientSampleId :
YAB34

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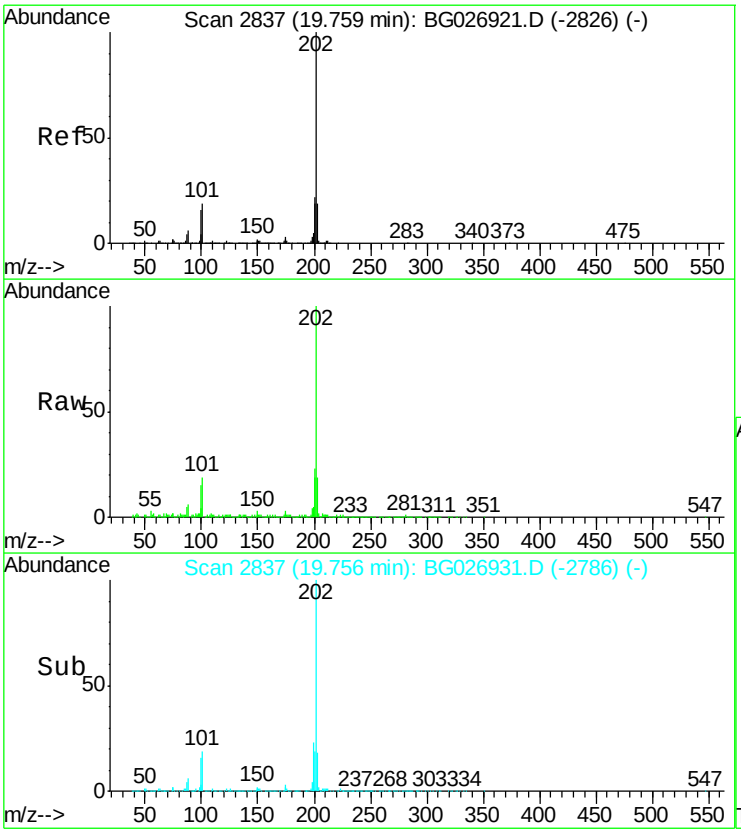
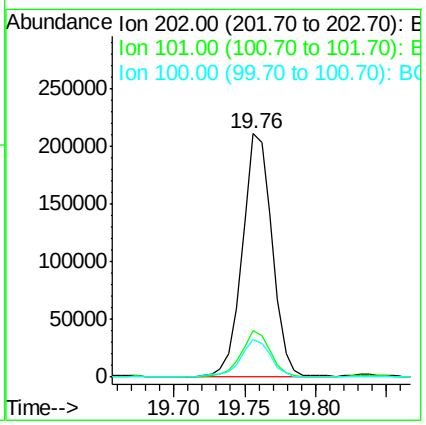
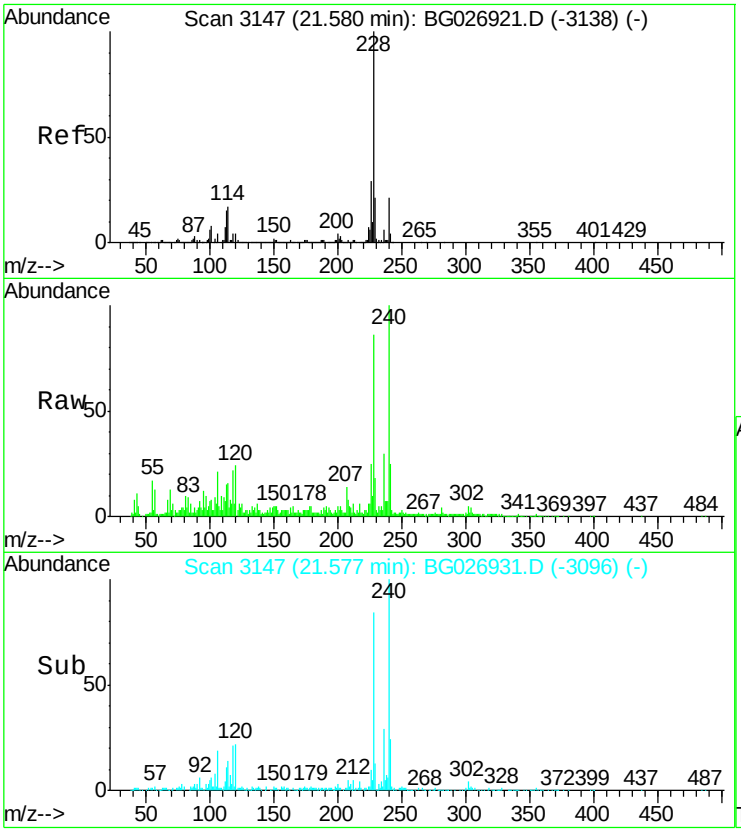


#77
Pyrene
Concen: 5.55 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:202 Resp: 308812

Ion	Ratio	Lower	Upper
202	100		
101	19.2	6.9	10.3#
100	15.4	6.6	10.0#

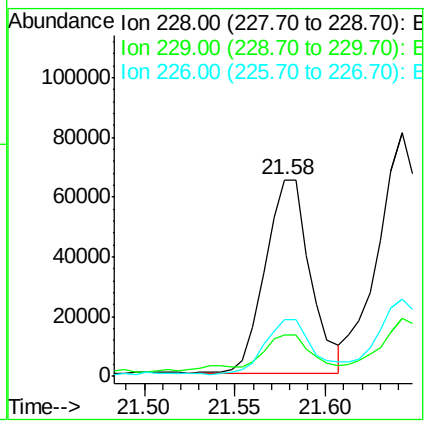




#80
Benzo(a)anthracene
Concen: 2.34 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:228 Resp: 113652

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.3	24.5
226	28.6	21.9	32.9



Instrument :
BNA_G
ClientSampleId :
YAB34

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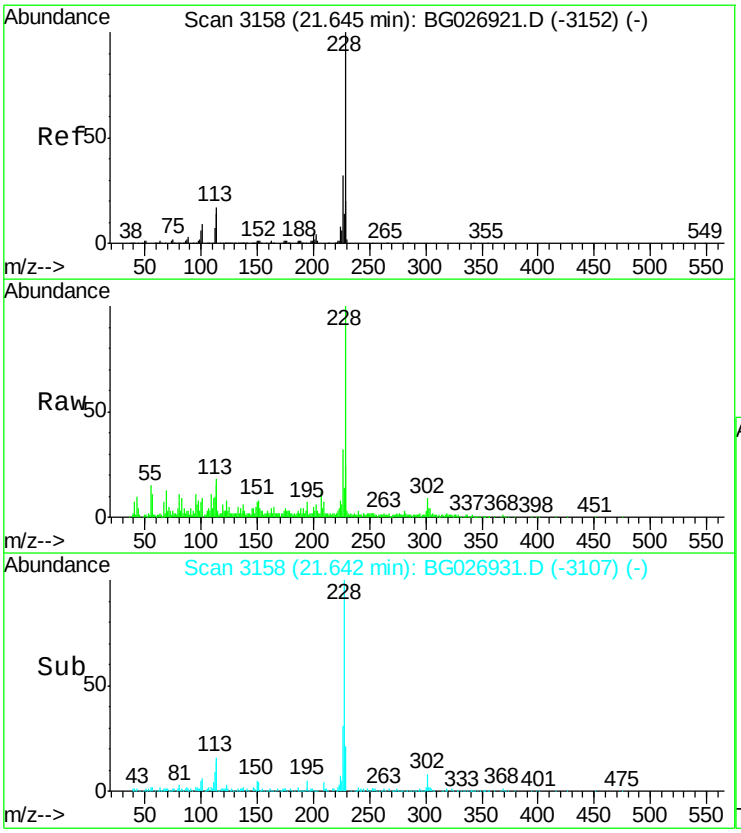
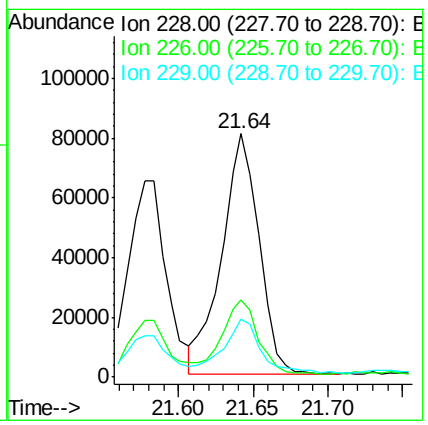
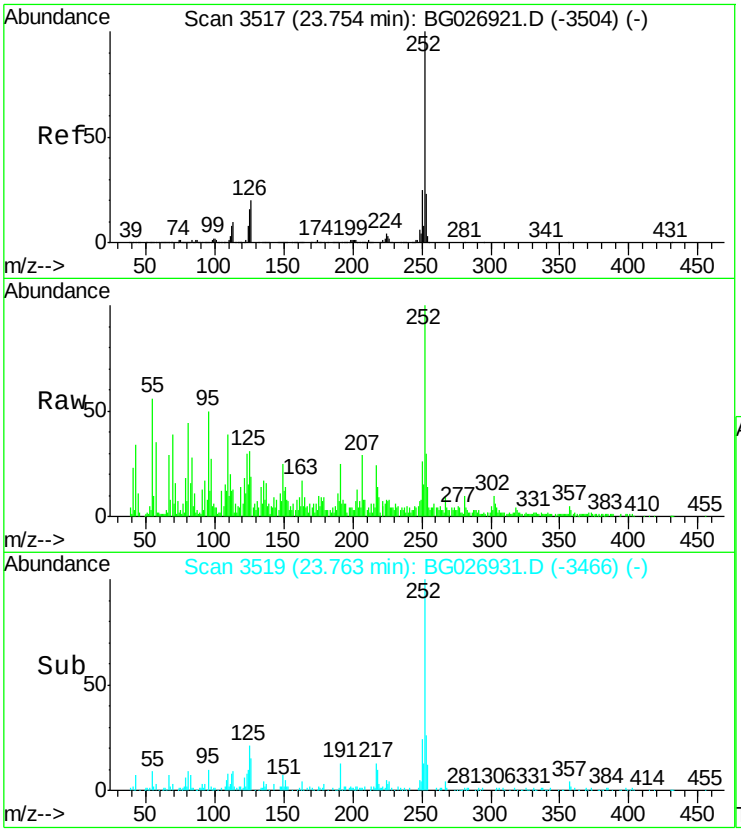


#82
Chrysene
Concen: 3.11 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:228 Resp: 140359

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	23.8	16.9	25.3





#85
Benzo(b)fluoranthene
Concen: 2.68 ng/ul
RT: 23.76 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:252 Resp: 136916

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.7	26.5#
125	30.5	4.0	6.0#

Instrument :
BNA_G
ClientSampleId :
YAB34

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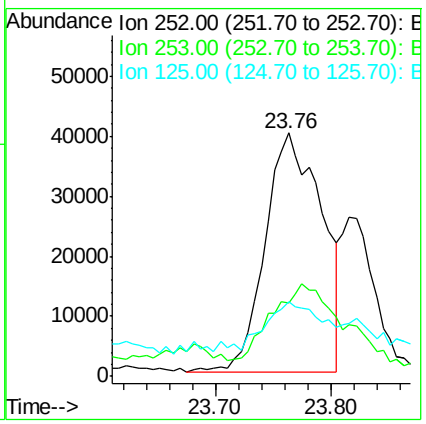

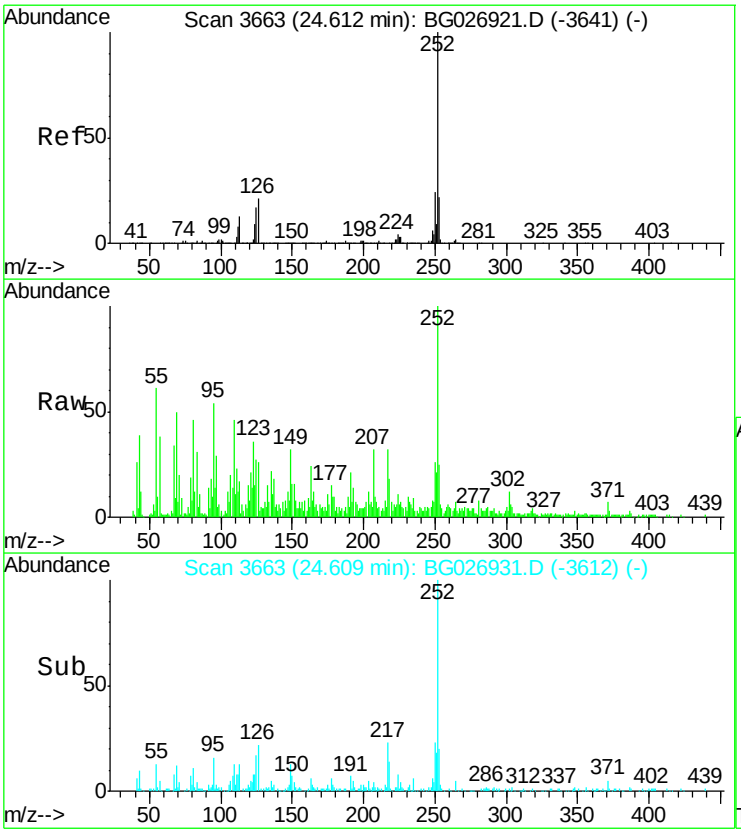

#88
Benzo(a)pyrene
Concen: 2.17 ng/ul
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG026931.D
Acq: 10 May 2017 3:32

Tgt Ion:252 Resp: 108838

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	27.1	5.4	8.0#