Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030884.D
Acq On : 9 Nov 2017 17:41
Operator : SJ/JU
Sample : I6286-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0F40

Manual Integrations APPROVED
Sohil
11/10/2017 1:13:21 PM

Quant Time: Nov 10 02:01:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 01:20:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	63591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	300346	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	196980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	480014	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	525095	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	521932	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	6009	3.84	ng/uL	0.00
5) Phenol-d5	7.31	99	116885	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	70777	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	98749	22.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	91800	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	53664	24.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	65669	29.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	114257	22.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	118948	20.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	391498	23.25	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	486167	23.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	54743	17.61	ng/ul	0.00
57) Fluorene-d10	15.76	176	355778	25.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	62835	26.82	ng/ul	0.00
70) Anthracene-d10	17.61	188	557519	24.56	ng/ul	0.00
76) Pyrene-d10	19.88	212	658023	24.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	628441	25.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	8703	1.378	ng/ul#	88
44) Dimethylphthalate	14.21	163	58611	3.568	ng/ul	98
69) Phenanthrene	17.55	178	146113	5.631	ng/ul	99
74) Fluoranthene	19.55	202	227647	7.850	ng/ul	99
77) Pyrene	19.91	202	300127	8.528	ng/ul	98
80) Benzo(a)anthracene	21.76	228	135586	4.120	ng/ul	96
82) Chrysene	21.83	228	183427	6.135	ng/ul	97
85) Benzo(b)fluoranthene	24.03	252	193698	6.182	ng/ul#	95
86) Benzo(k)fluoranthene	24.10	252	57220m	1.889	ng/ul	
88) Benzo(a)pyrene	24.93	252	134995	4.426	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.87	276	90009	2.608	ng/ul	99
91) Benzo(g,h,i)perylene	30.06	276	80967	2.831	ng/ul#	93

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

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Instrument :
BNA_G
ClientSampleId :
B0F40

Manual Integrations APPROVED
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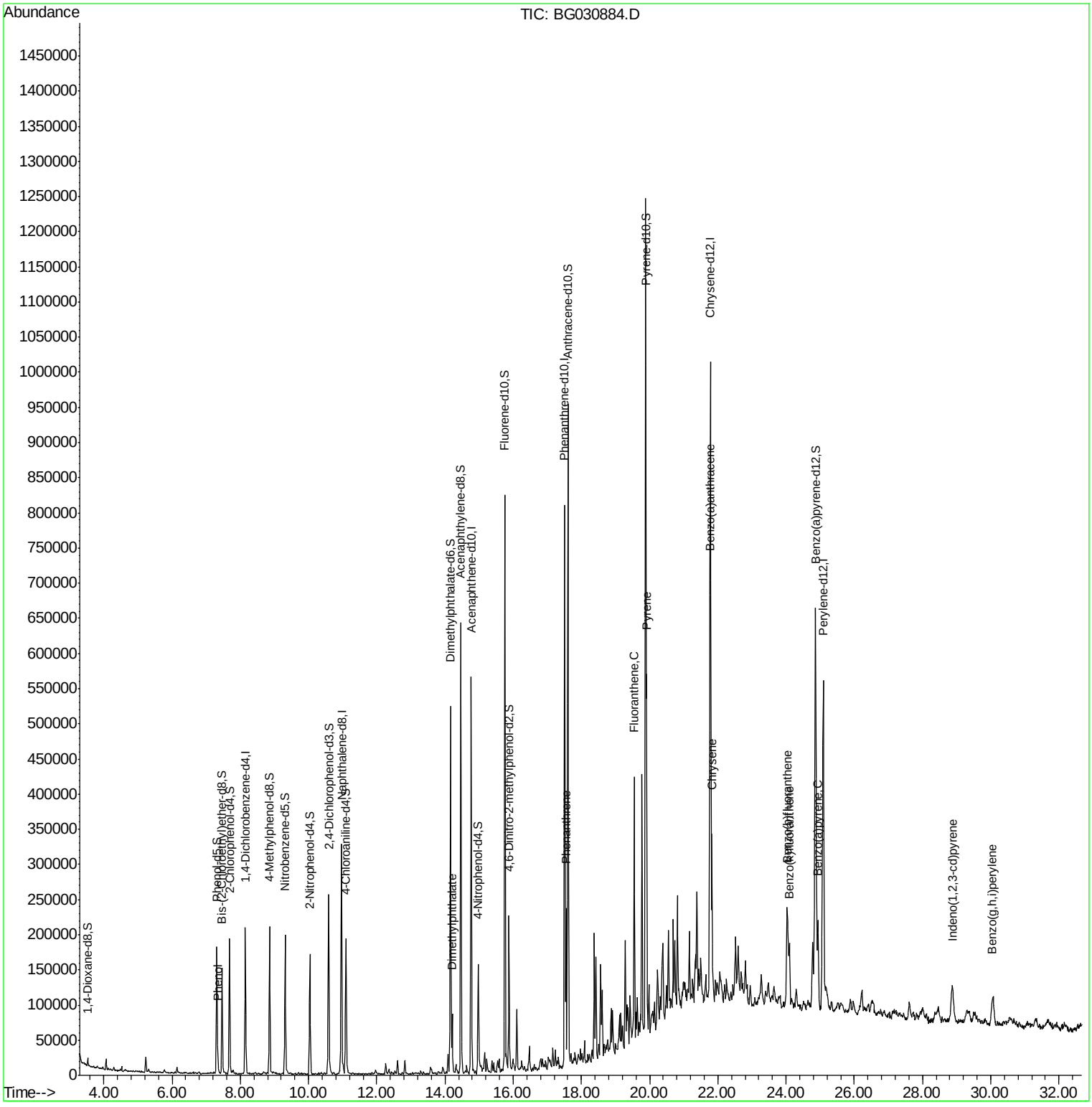
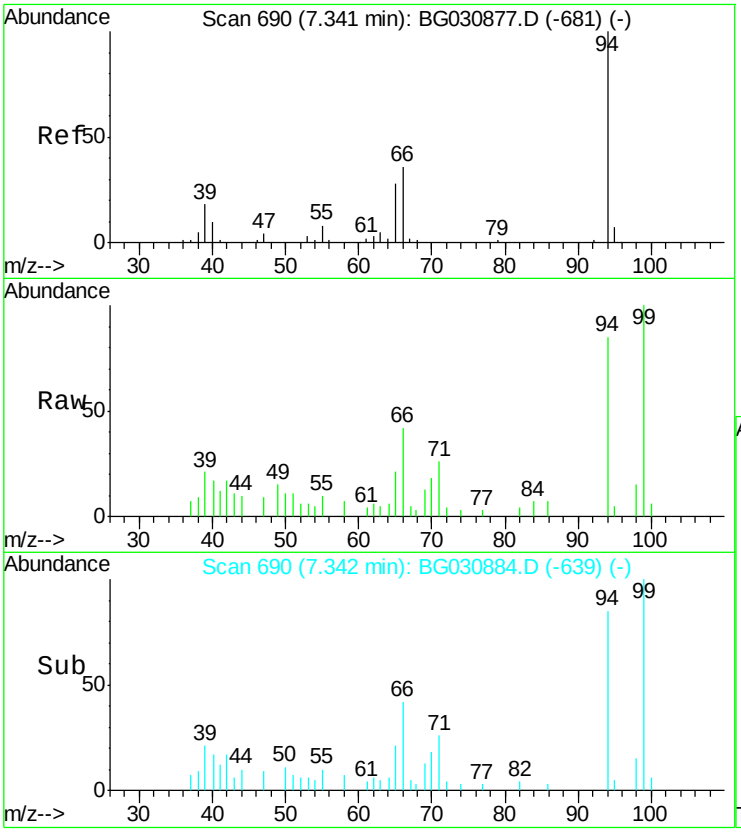
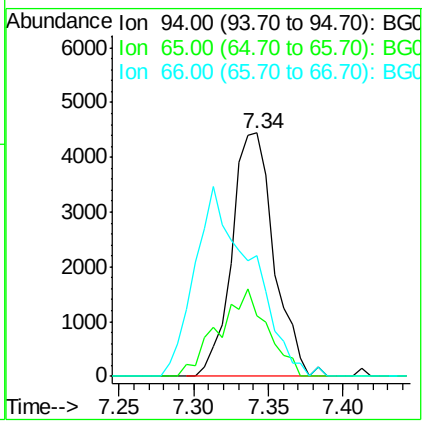




#6
Phenol
Concen: 1.378 ng/ul
RT: 7.34 min Scan# 690
Delta R.T. 0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion: 94 Resp: 8703

Ion	Ratio	Lower	Upper
94	100		
65	25.1	27.1	40.7#
66	49.4	34.6	52.0



Instrument :
BNA_G
ClientSampleId :
B0F40

Manual Integrations APPROVED
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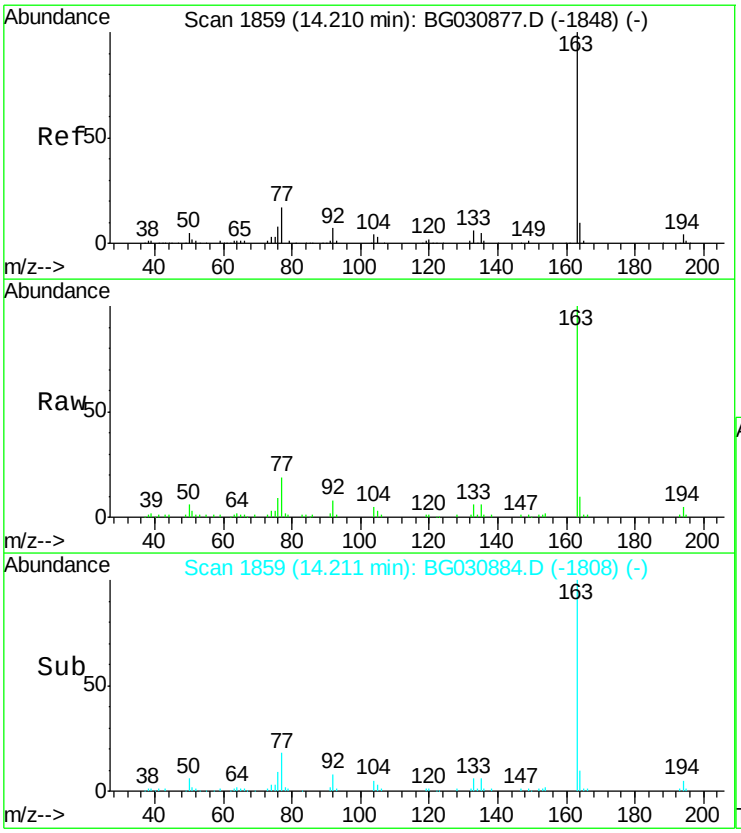
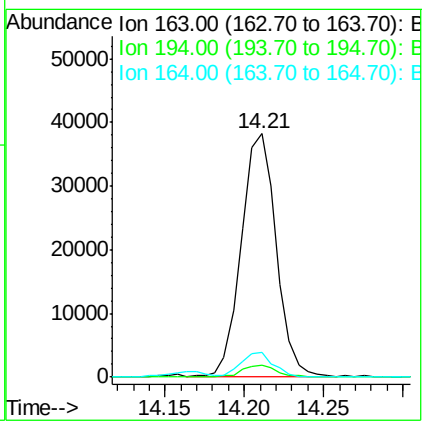
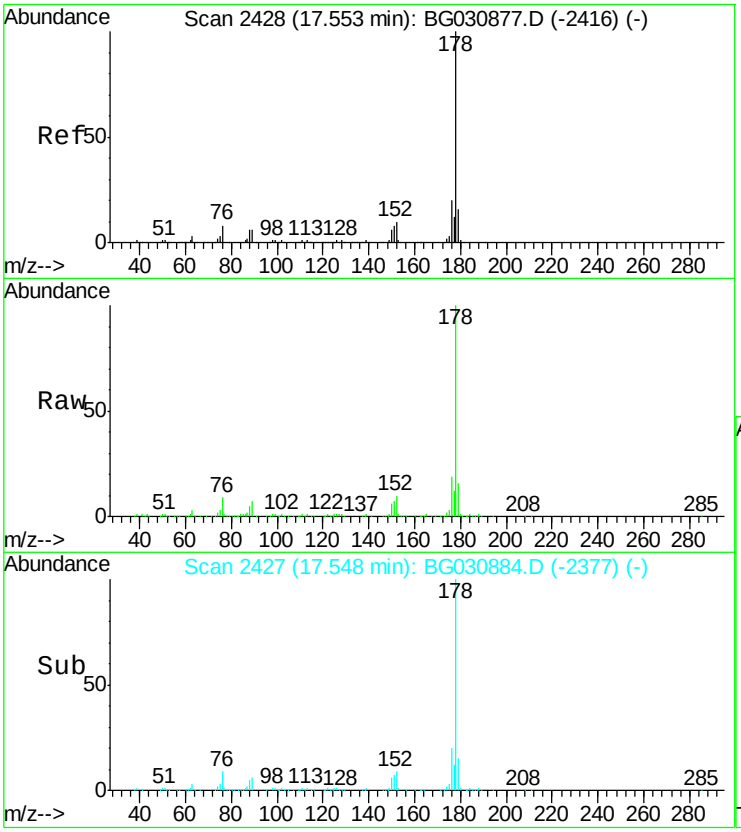


#44
Dimethylphthalate
Concen: 3.568 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:163 Resp: 58611

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	10.0	7.6	11.4

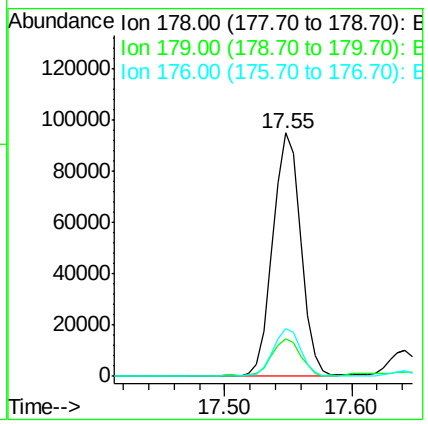




#69
Phenanthrene
Concen: 5.631 ng/ul
RT: 17.55 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:178 Resp: 146113

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.5	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
B0F40

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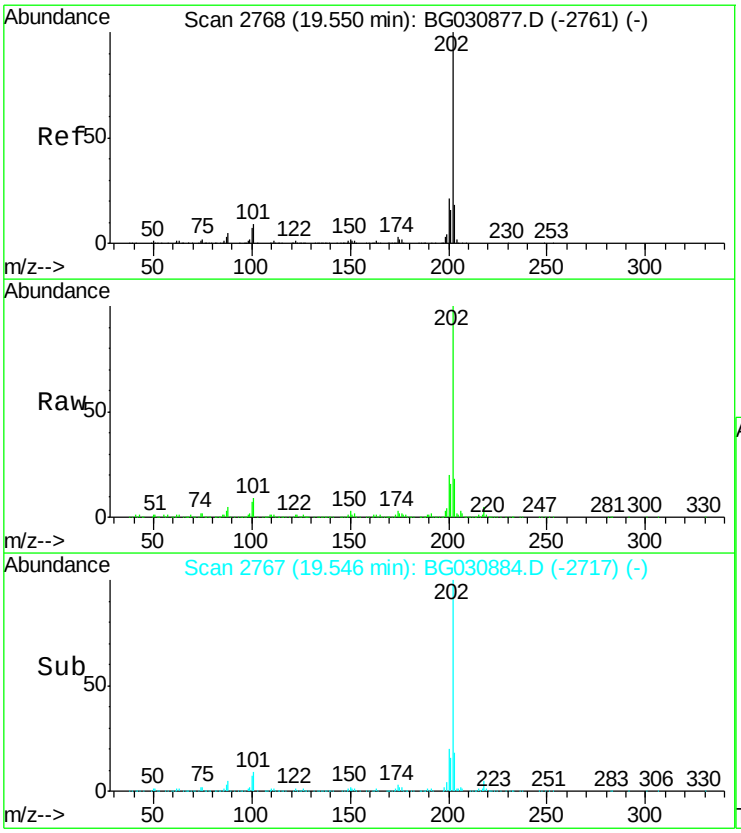
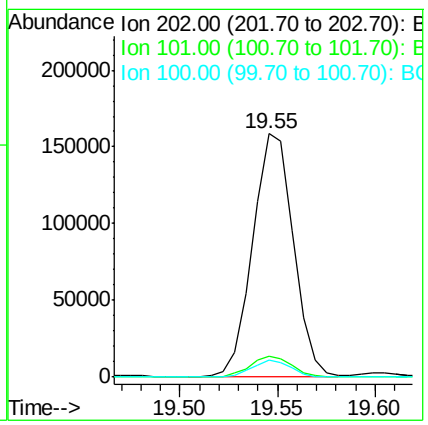
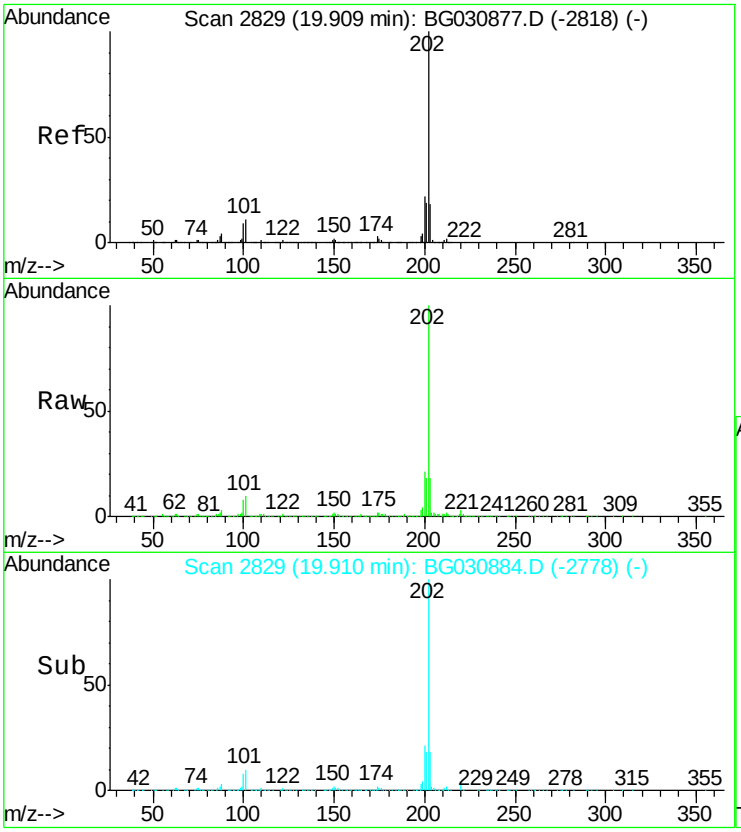


#74
Fluoranthene
Concen: 7.850 ng/ul
RT: 19.55 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:202 Resp: 227647

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.2
100	6.9	5.6	8.4

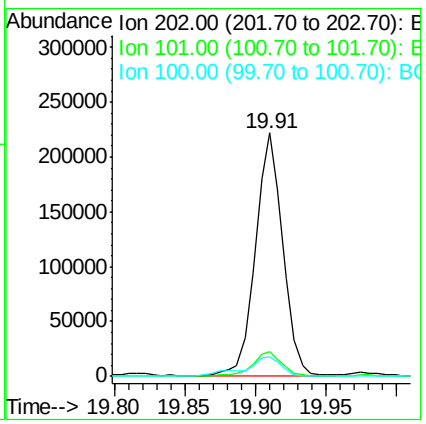




#77
Pyrene
Concen: 8.528 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:202 Resp: 300127

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	8.0	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
B0F40

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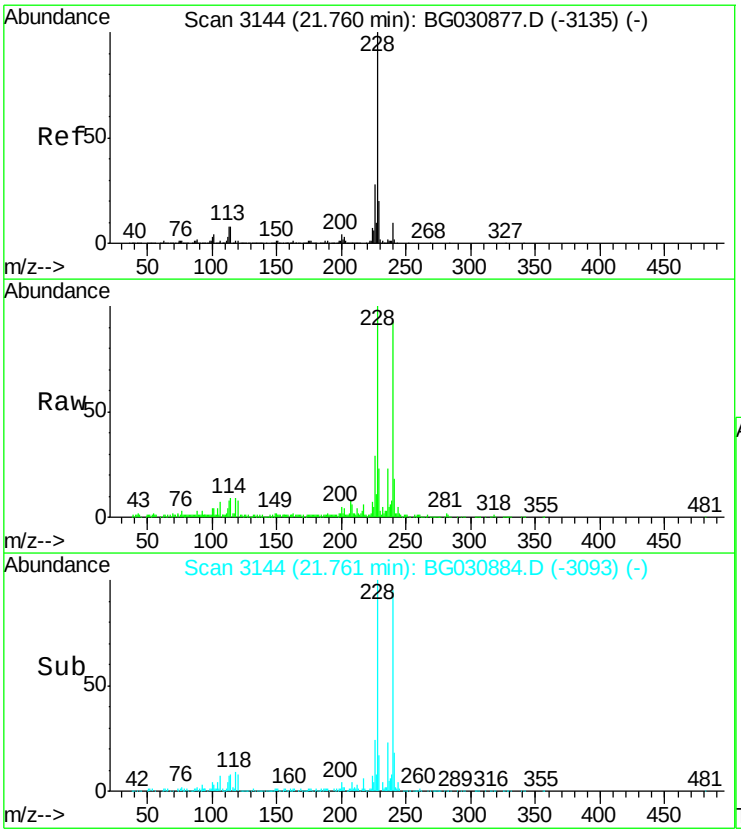
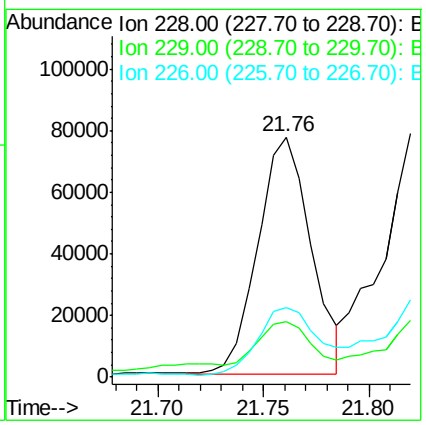
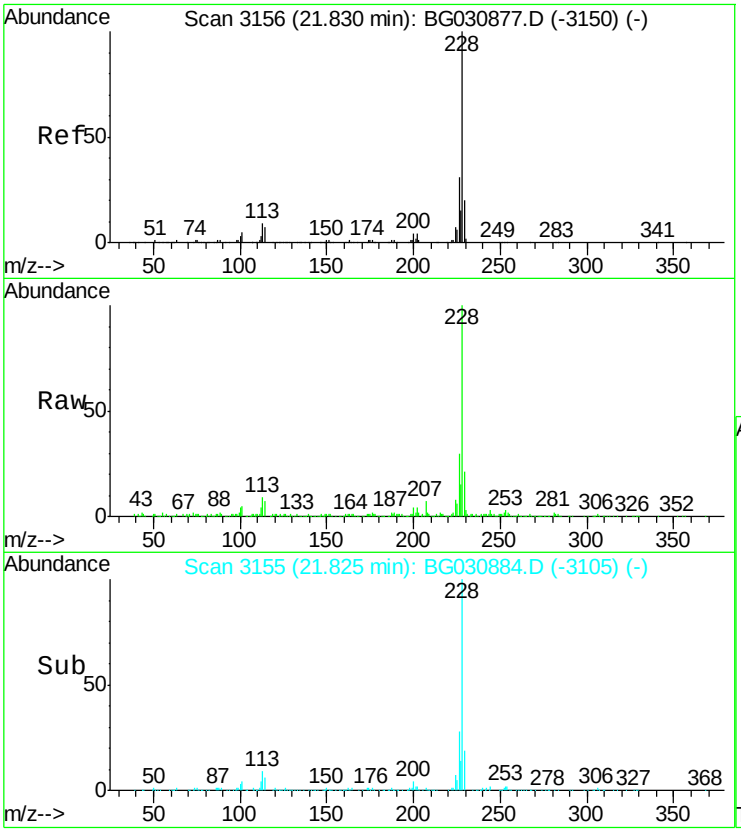


#80
Benzo(a)anthracene
Concen: 4.120 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:228 Resp: 135586

Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.2	24.4
226	29.0	22.2	33.2

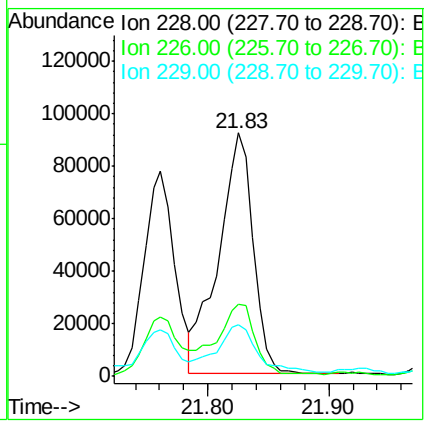




#82
Chrysene
Concen: 6.135 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:228 Resp: 183427

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	21.3	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
B0F40

Manual Integrations APPROVED
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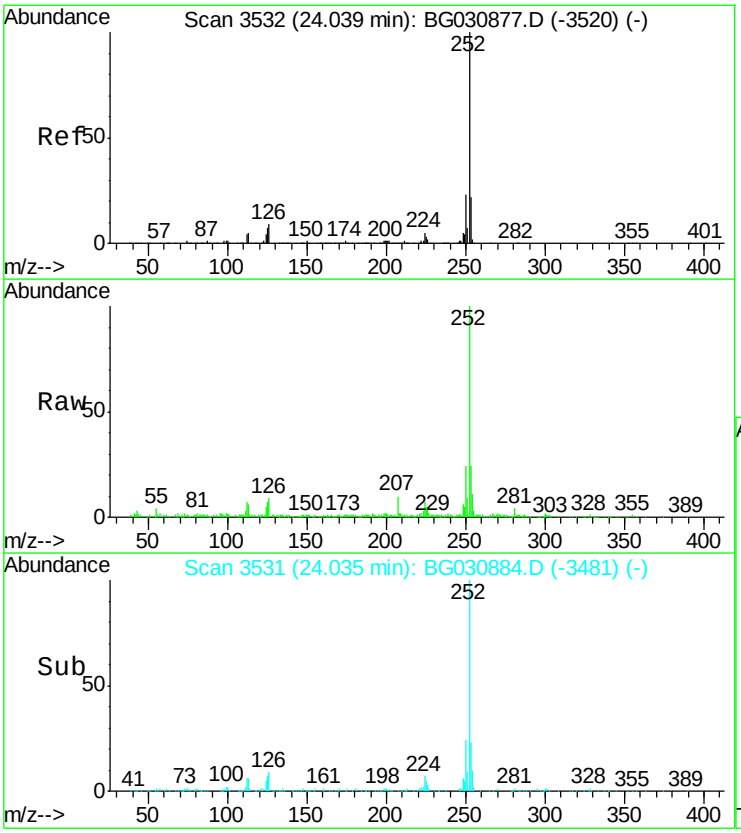
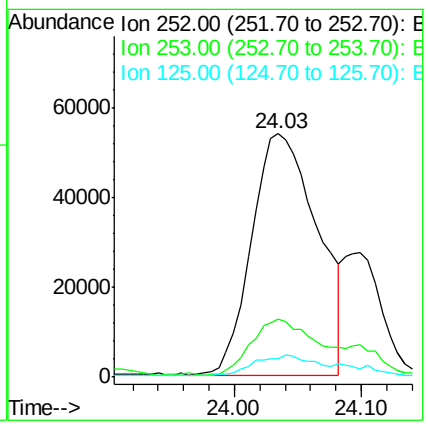
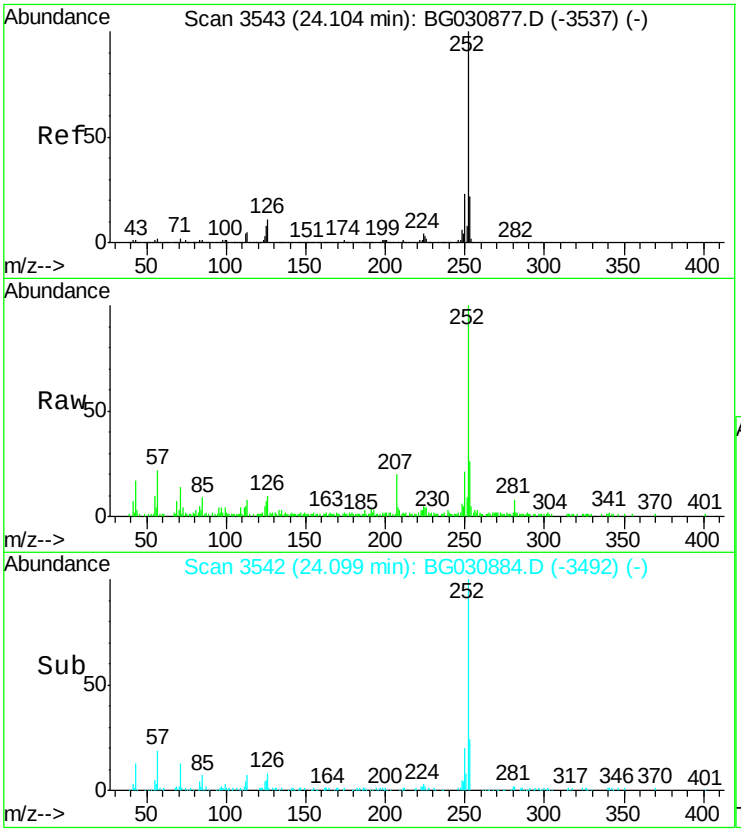


#85
Benzo(b)fluoranthene
Concen: 6.182 ng/ul
RT: 24.03 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:252 Resp: 193698

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	7.4	7.5	11.3#

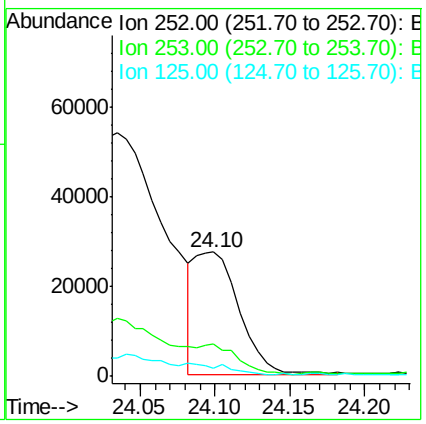




#86
Benzo(k)fluoranthene
Concen: 1.889 ng/ul m
RT: 24.10 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:252 Resp: 57220

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	6.9	7.8	11.8#



Instrument :
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ClientSampleId :
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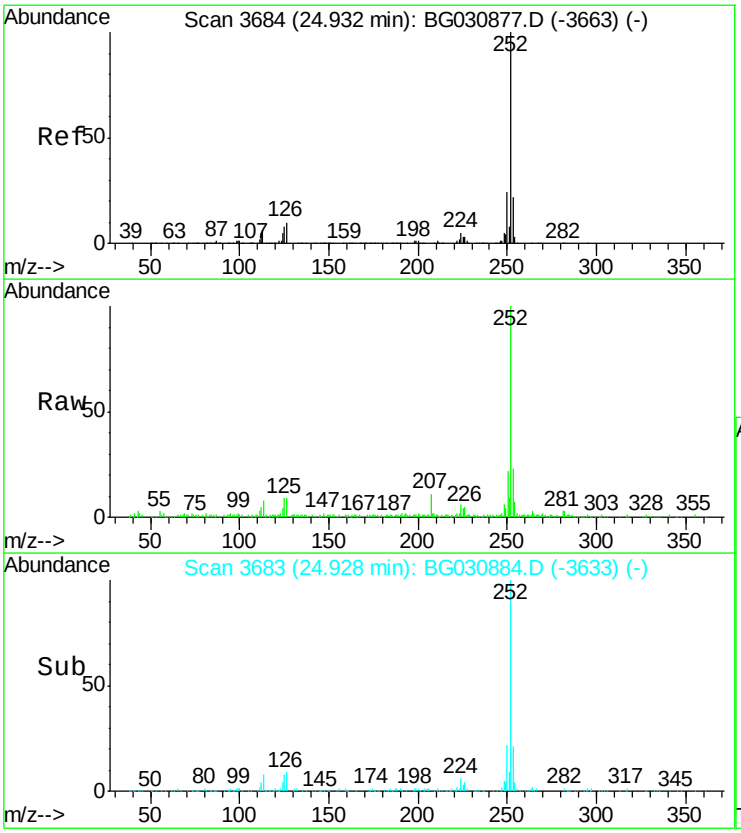
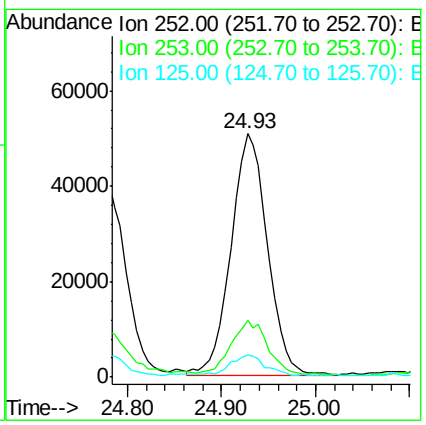
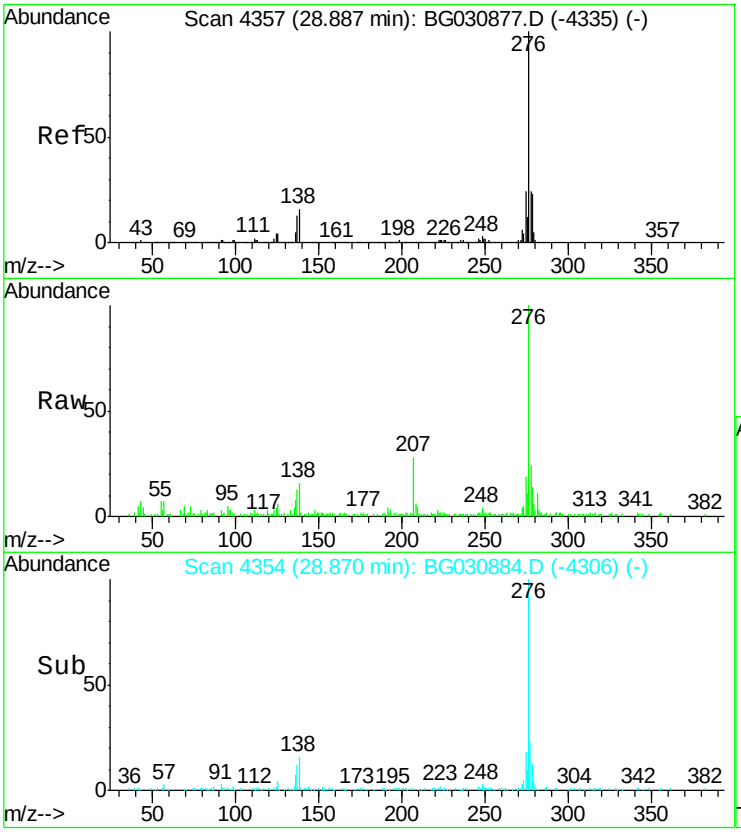


#88
Benzo(a)pyrene
Concen: 4.426 ng/ul
RT: 24.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:252 Resp: 134995

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.9	7.8	11.8

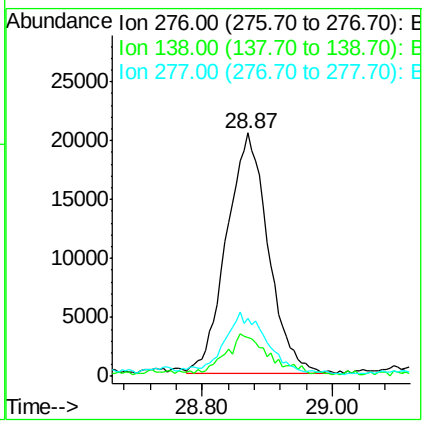




#89
Indeno(1,2,3-cd)pyrene
Concen: 2.608 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:276 Resp: 90009

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.4	20.0
277	23.9	18.6	28.0



Instrument :
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Manual Integrations APPROVED
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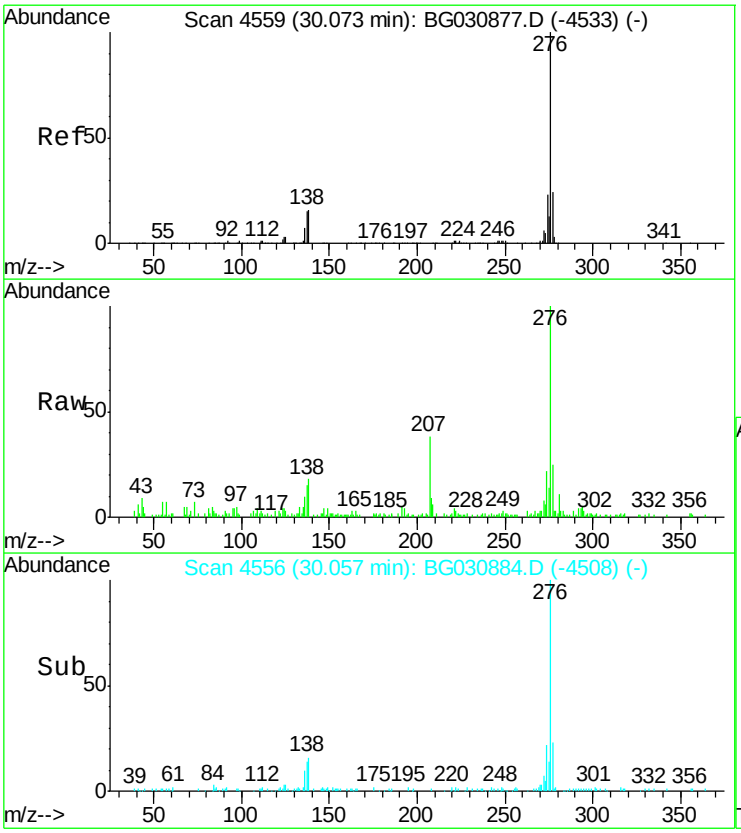

#91
Benzo(g,h,i)perylene
Concen: 2.831 ng/ul
RT: 30.06 min Scan# 4556
Delta R.T. -0.02 min
Lab File: BG030884.D
Acq: 9 Nov 2017 17:41

Tgt Ion:276 Resp: 80967

Ion	Ratio	Lower	Upper
276	100		
138	18.4	12.1	18.1#
277	25.4	17.7	26.5