Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG4

Manual Integrations APPROVED
JAGRUT
8/19/2019 10:58:02 AM

Quant Time: Aug 19 12:20:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	75836	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	302833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	206363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	409548	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	413855	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	497865	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	3195	1.84	ng/uL	0.00
5) Phenol-d5	7.19	99	78425	13.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	40427	12.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	74712	14.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63993	12.81	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	35686	15.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	42658	16.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	81914	15.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	55992	9.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	247665	15.47	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	291228	15.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	27968	10.41	ng/ul	0.01
57) Fluorene-d10	15.68	176	221714	15.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	9291	3.54	ng/ul	0.00
70) Anthracene-d10	17.54	188	322812	16.43	ng/ul	0.00
78) Pyrene-d10	19.82	212	362151	15.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	420838	16.18	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.21	94	11347	1.847	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	20598	1.674	ng/ul	98
44) Dimethylphthalate	14.13	163	68304	4.298	ng/ul	98
69) Phenanthrene	17.48	178	188016	8.386	ng/ul	99
71) Anthracene	17.57	178	54807	2.410	ng/ul	98
76) Fluoranthene	19.50	202	371278m	14.332	ng/ul	
79) Pyrene	19.85	202	322337	11.579	ng/ul	97
80) Butylbenzylphthalate	20.74	149	95759	8.739	ng/ul	96
82) Benzo(a)anthracene	21.70	228	155063	5.404	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	272567	18.231	ng/ul	99
84) Chrysene	21.77	228	154574	5.772	ng/ul	95
87) Benzo(b)fluoranthene	23.96	252	202384	6.478	ng/ul#	90
88) Benzo(k)fluoranthene	24.03	252	88926m	2.960	ng/ul	
90) Benzo(a)pyrene	24.85	252	144647	4.858	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	28.75	276	82710	2.382	ng/ul#	90
93) Benzo(g,h,i)perylene	29.92	276	75027	2.588	ng/ul	92

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

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AG4

Manual Integrations APPROVED
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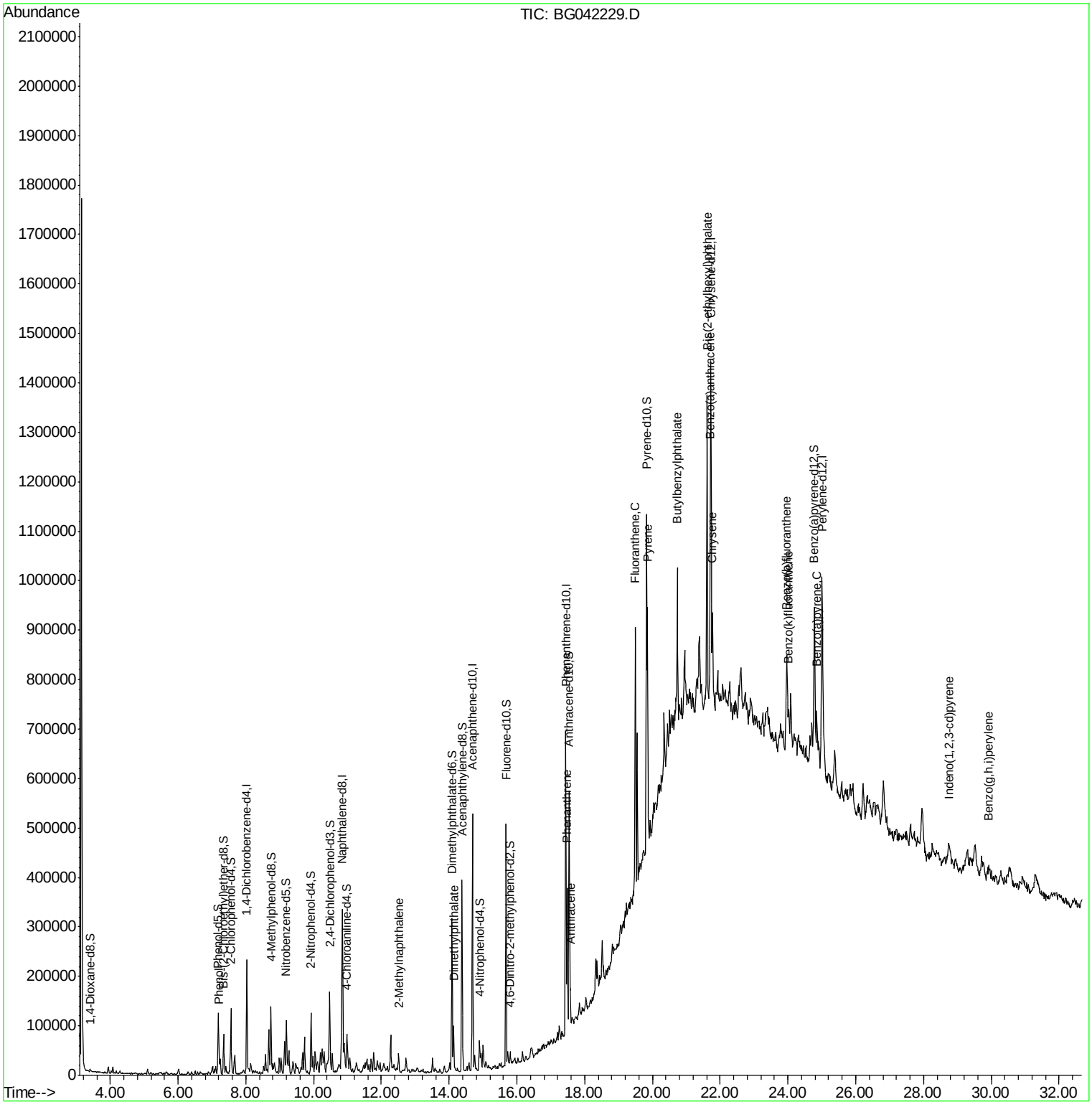
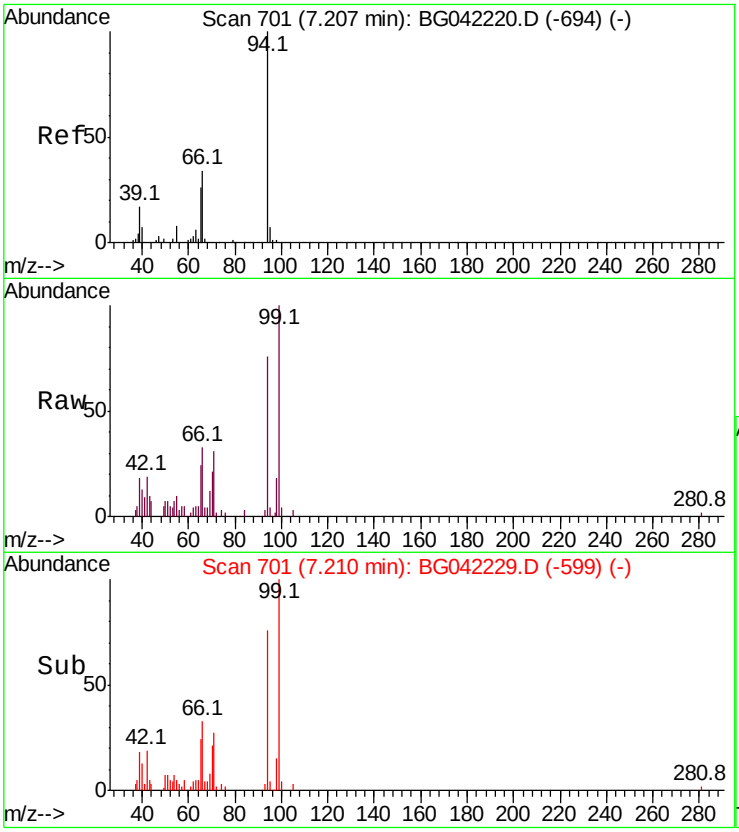
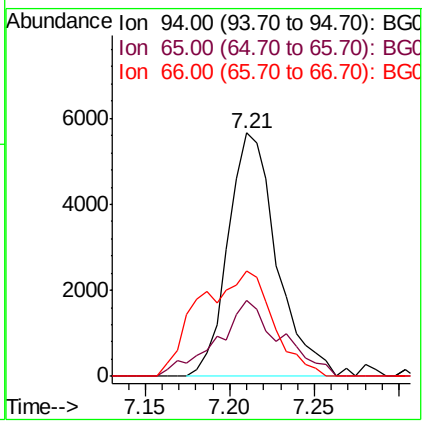




#6
Phenol
Concen: 1.847 ng/ul
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion: 94 Resp: 11347

Ion	Ratio	Lower	Upper
94	100		
65	31.3	25.8	38.6
66	43.3	31.8	47.8



Instrument :
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ClientSampleId :
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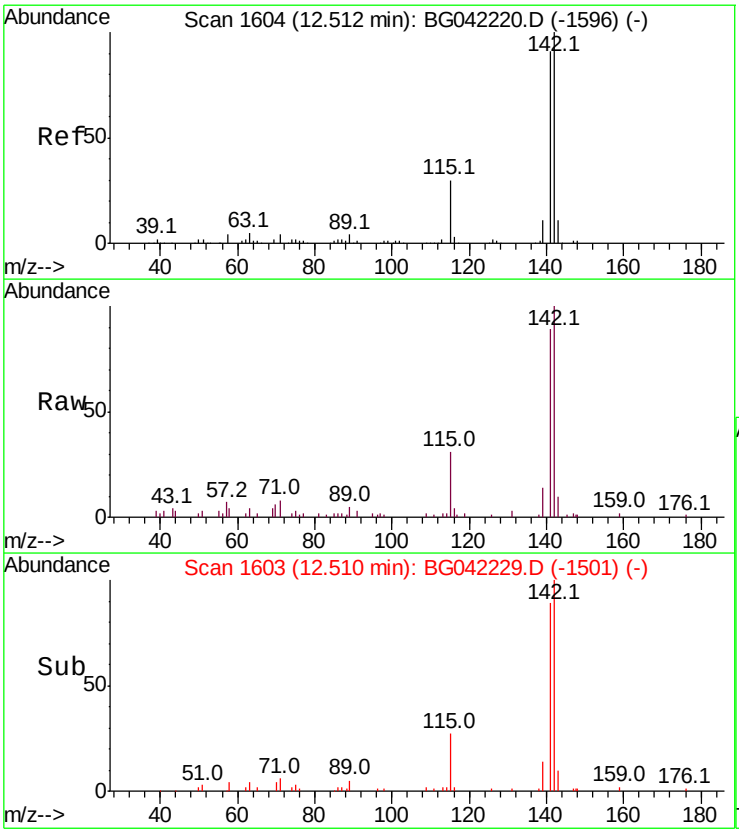
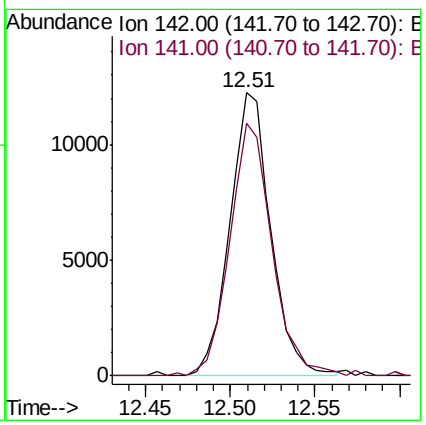
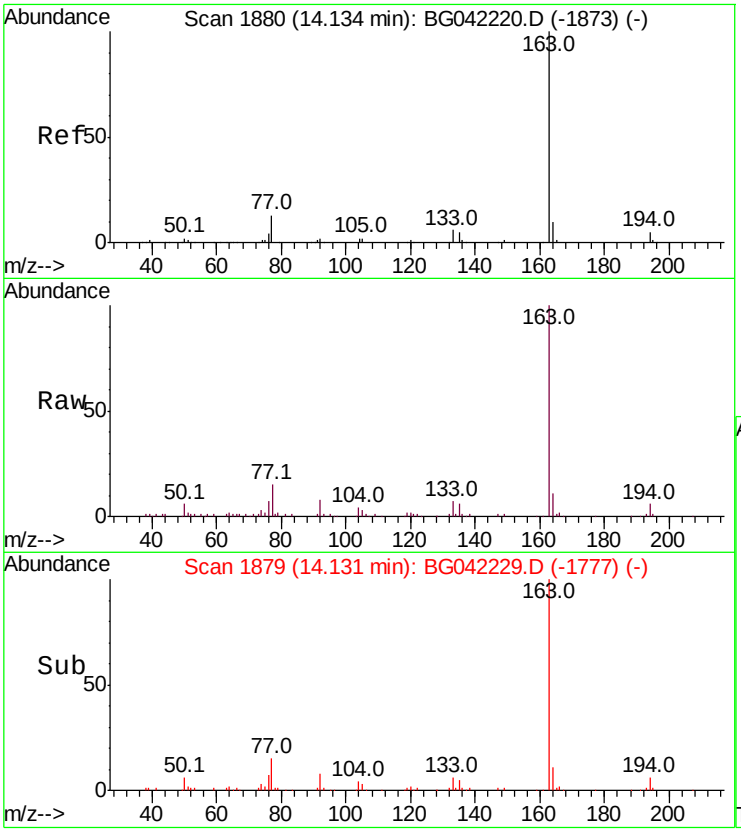


#34
2-Methylnaphthalene
Concen: 1.674 ng/ul
RT: 12.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:142 Resp: 20598

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.9	109.3

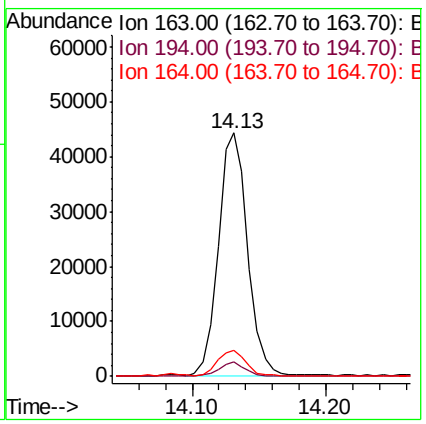




#44
Dimethylphthalate
Concen: 4.298 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:163 Resp: 68304

Ion	Ratio	Lower	Upper
163	100		
194	5.8	4.2	6.2
164	10.5	7.8	11.8



Instrument :
BNA_G
ClientSampleId :
C0AG4

Manual Integrations APPROVED
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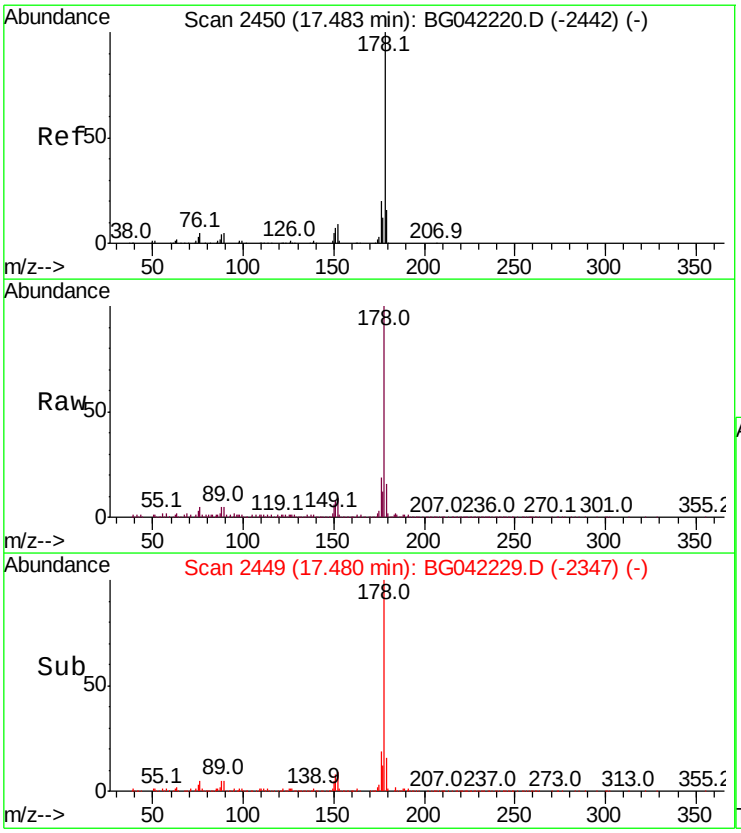
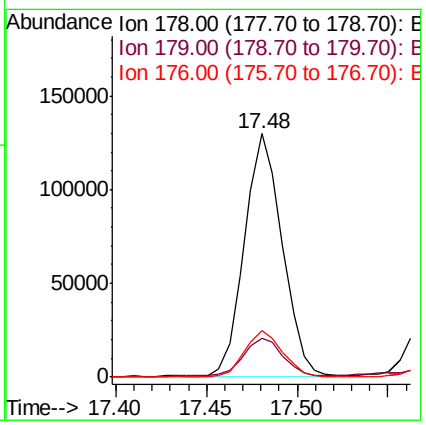
8/19/2019 10:58:02 AM

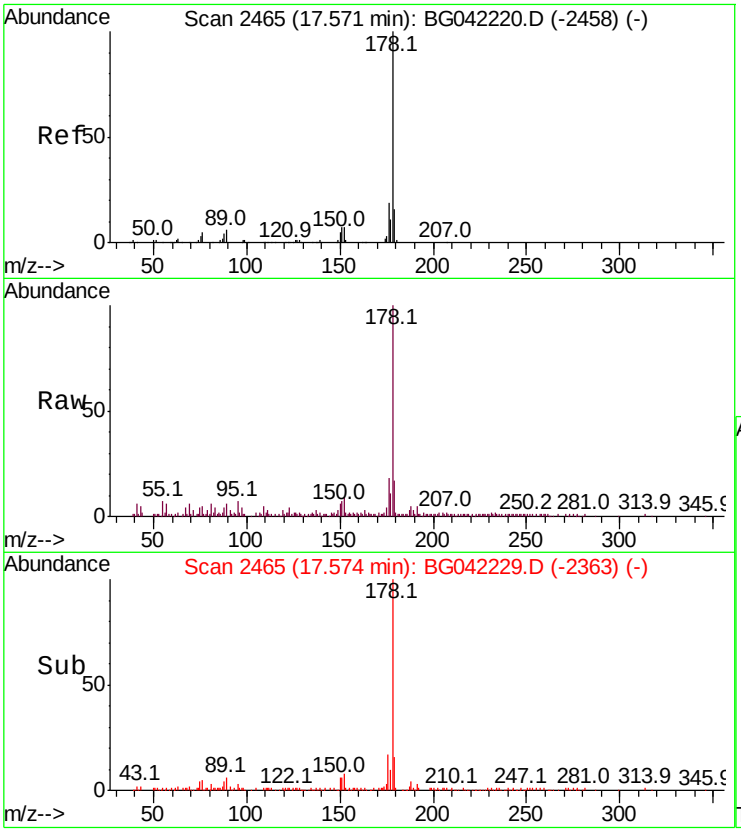


#69
Phenanthrene
Concen: 8.386 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:178 Resp: 188016

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	18.9	15.4	23.2

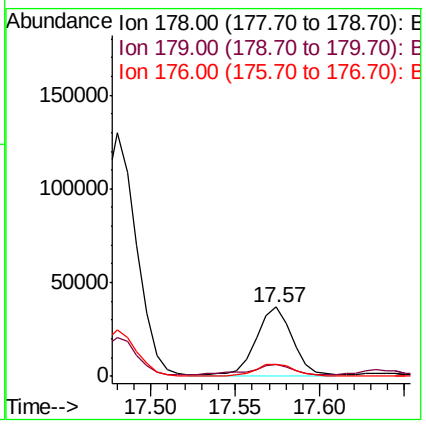




#71
Anthracene
Concen: 2.410 ng/ul
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:178 Resp: 54807

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.0
176	17.6	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
C0AG4

Manual Integrations APPROVED
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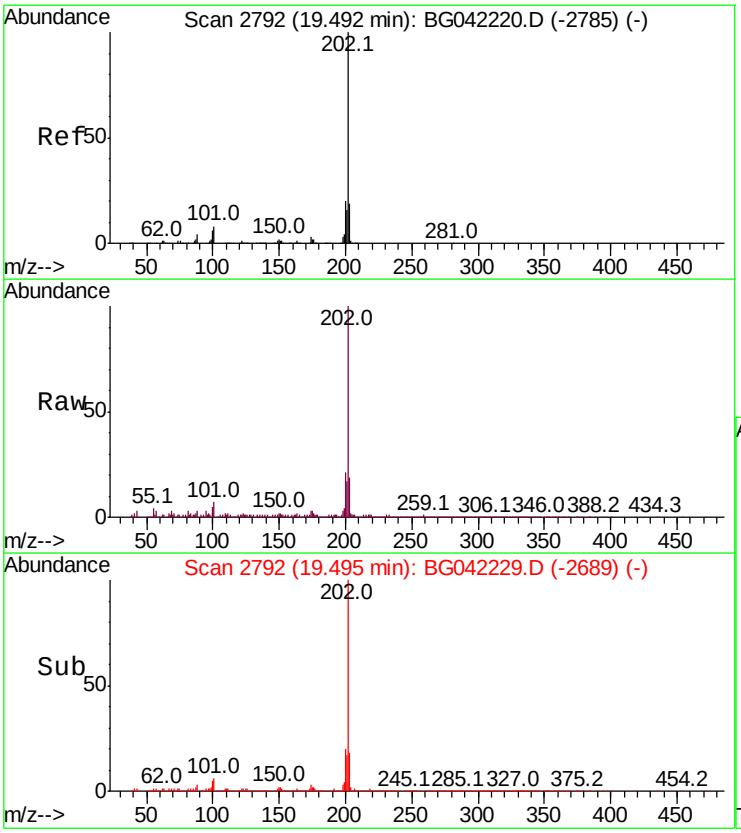
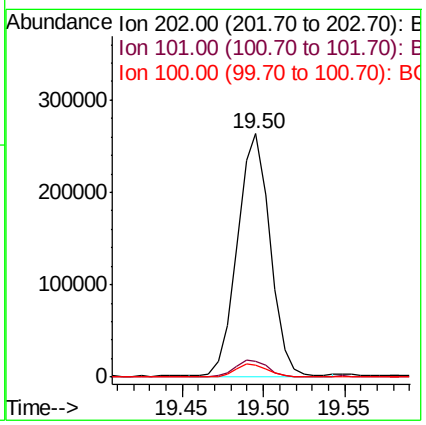
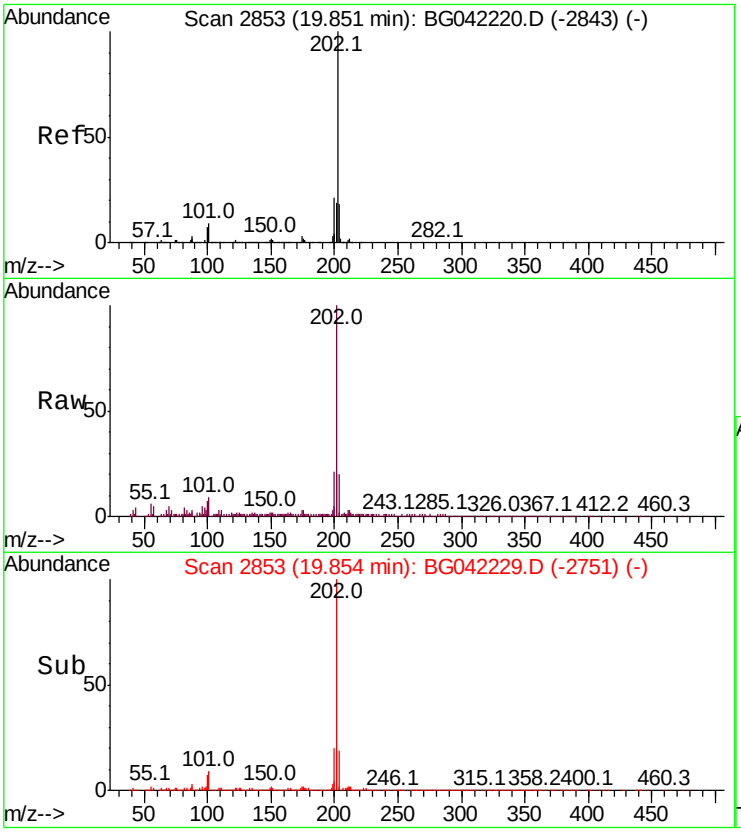


#76
Fluoranthene
Concen: 14.332 ng/ul m
RT: 19.50 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:202 Resp: 371278

Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.7	10.1#
100	5.0	5.3	7.9#

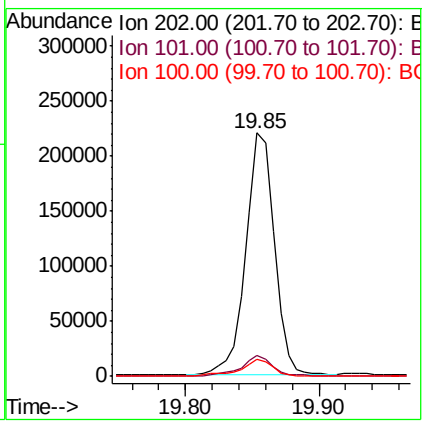




#79
Pyrene
Concen: 11.579 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:202 Resp: 322337

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.6	11.4
100	7.0	6.5	9.7



Instrument :
BNA_G
ClientSampleId :
C0AG4

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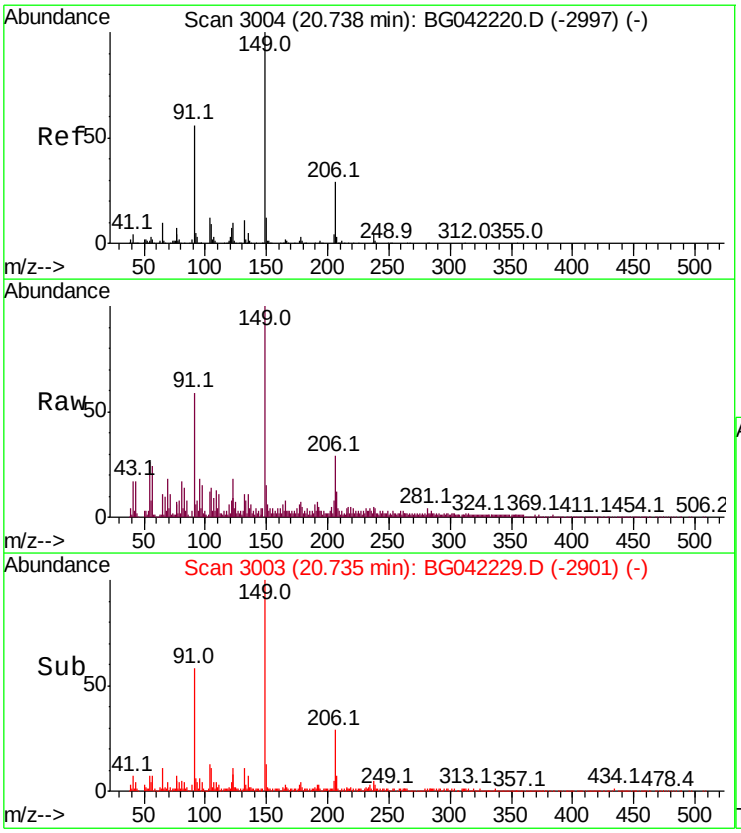
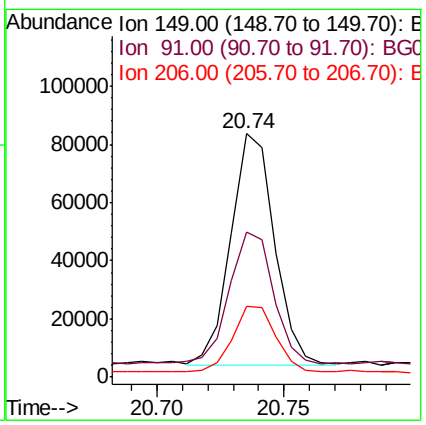
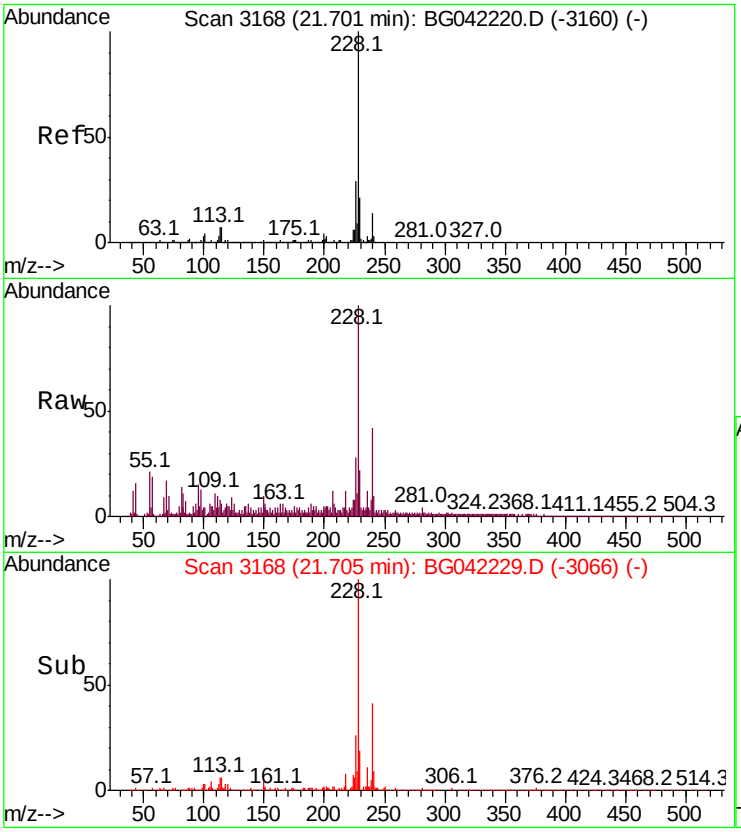


#80
Butylbenzylphthalate
Concen: 8.739 ng/ul
RT: 20.74 min Scan# 3003
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:149 Resp: 95759

Ion	Ratio	Lower	Upper
149	100		
91	59.4	49.5	74.3
206	29.1	21.3	31.9





#82
Benzo(a)anthracene
Concen: 5.404 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:228 Resp: 155063

Ion	Ratio	Lower	Upper
228	100		
229	22.1	17.0	25.6
226	28.0	23.3	34.9

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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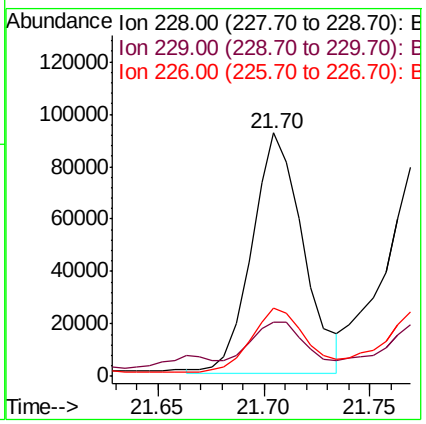
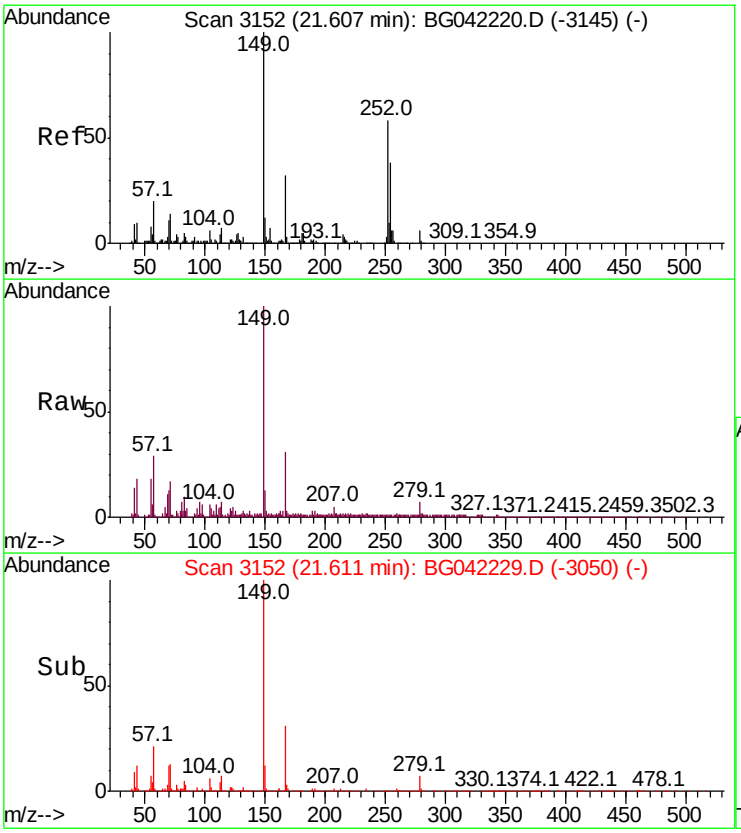
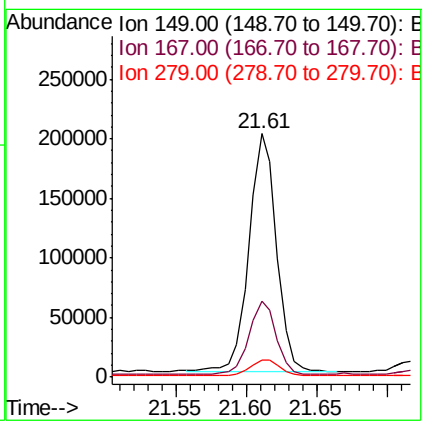


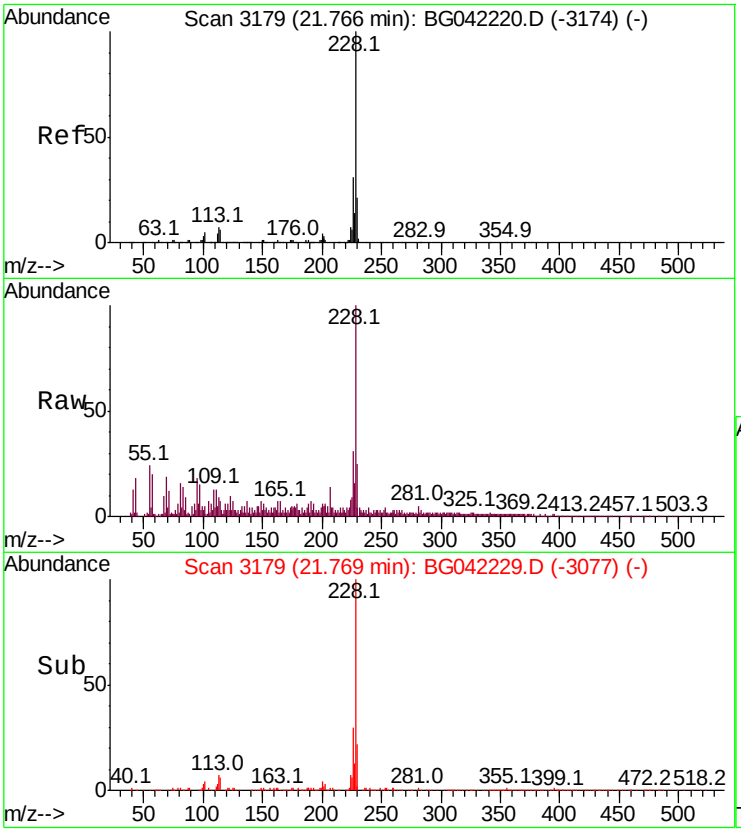


#83
Bis(2-ethylhexyl)phthalate
Concen: 18.231 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:149 Resp: 272567

Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.0	37.4
279	7.1	5.2	7.8

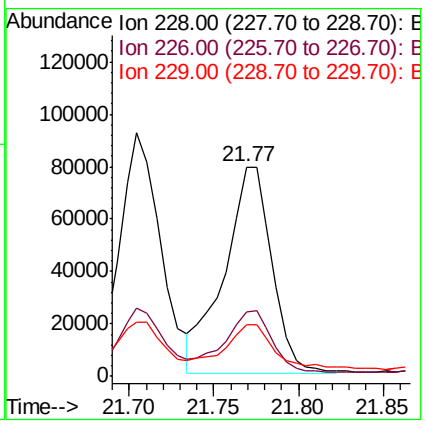




#84
Chrysene
Concen: 5.772 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:228 Resp: 154574

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	24.8	16.6	24.8



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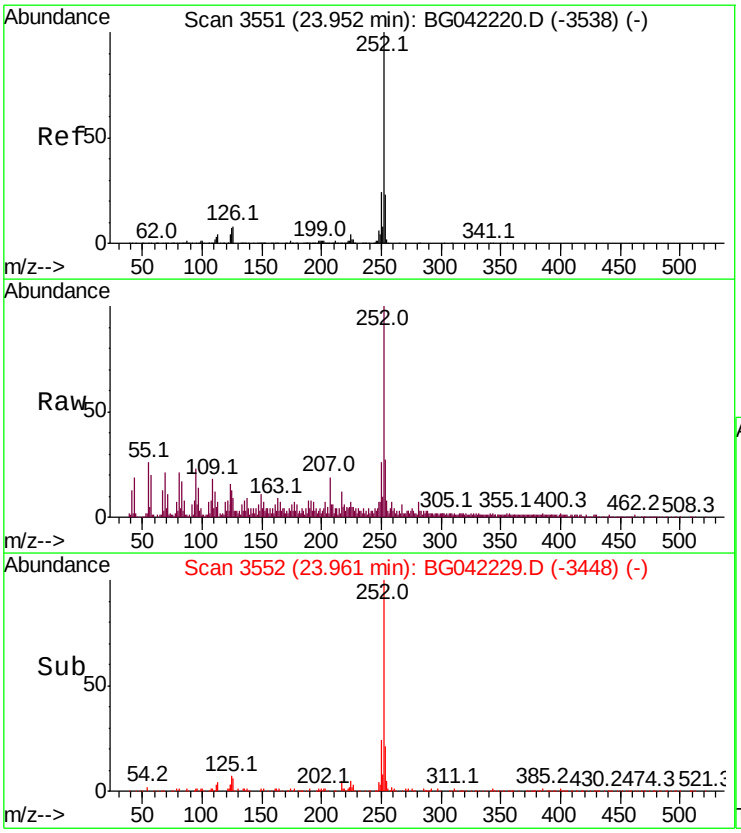
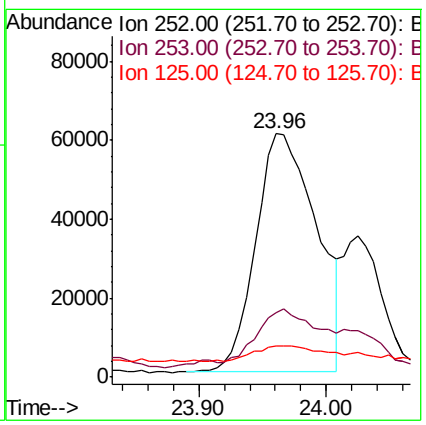
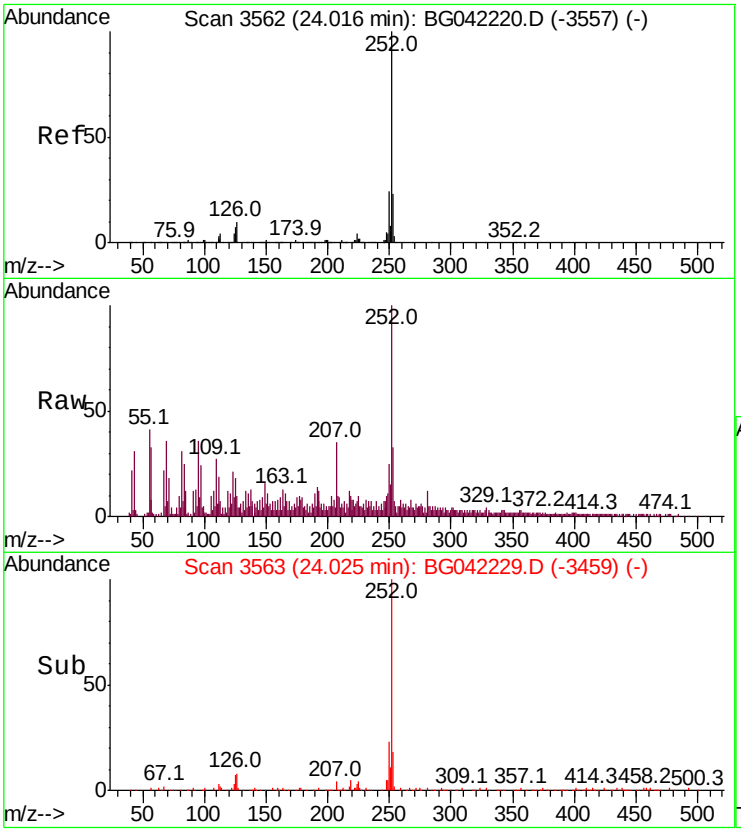


#87
Benzo(b)fluoranthene
Concen: 6.478 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:252 Resp: 202384

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.4	27.6
125	13.0	5.8	8.8#

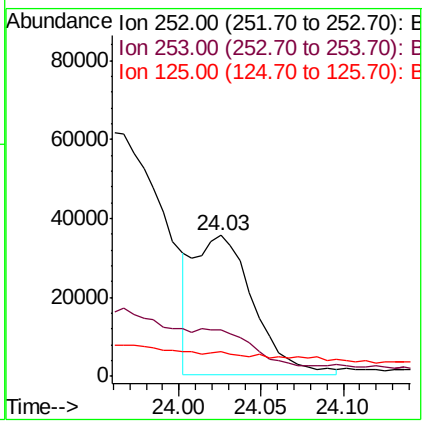




#88
Benzo(k)fluoranthene
Concen: 2.960 ng/ul m
RT: 24.03 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:252 Resp: 88926

Ion	Ratio	Lower	Upper
252	100		
253	33.2	18.3	27.5#
125	17.9	5.5	8.3#



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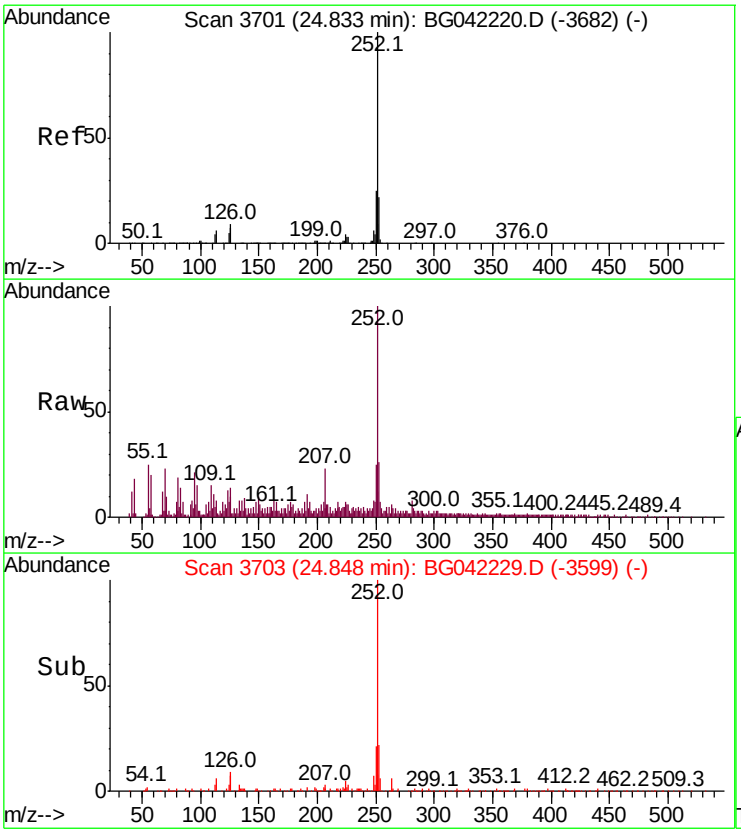
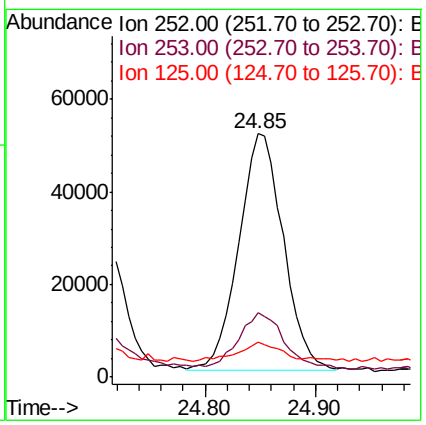
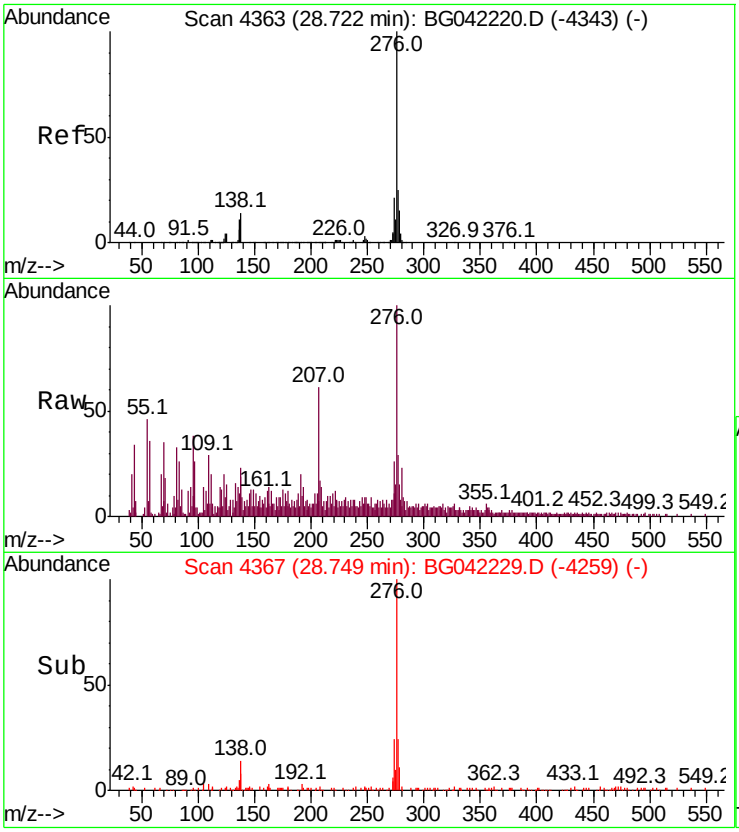


#90
Benzo(a)pyrene
Concen: 4.858 ng/ul
RT: 24.85 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:252 Resp: 144647

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.3	27.5
125	14.3	6.5	9.7#

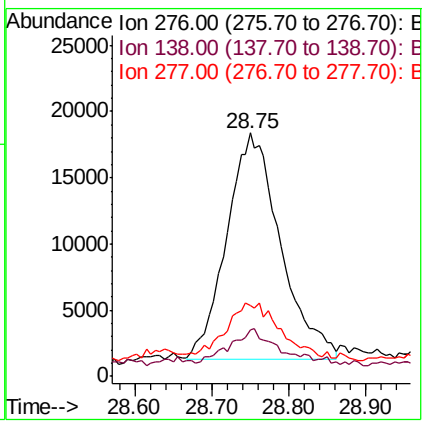




#91
Indeno(1,2,3-cd)pyrene
Concen: 2.382 ng/ul
RT: 28.75 min Scan# 4367
Delta R.T. 0.04 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:276 Resp: 82710

Ion	Ratio	Lower	Upper
276	100		
138	18.9	12.0	18.0#
277	29.0	19.2	28.8#



Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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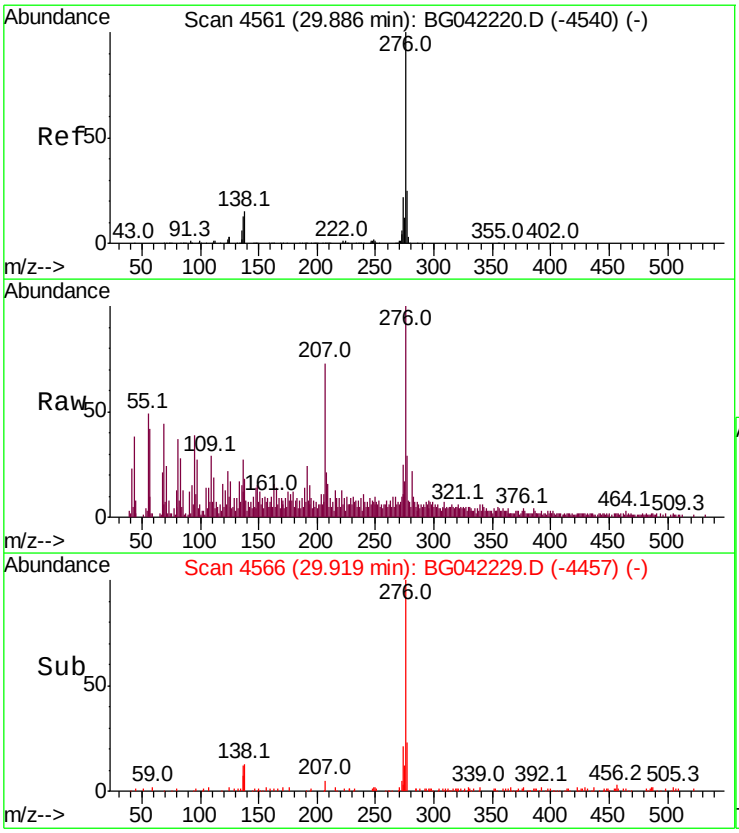
8/19/2019 10:58:02 AM



#93
Benzo(g,h,i)perylene
Concen: 2.588 ng/ul
RT: 29.92 min Scan# 4566
Delta R.T. 0.04 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:276 Resp: 75027

Ion	Ratio	Lower	Upper
276	100		
138	17.8	12.6	18.8
277	28.8	19.2	28.8