Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 01:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BFM89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	71324	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	299777	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	214197	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	535181	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	530019	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	568495	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	123566	23.94	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	490641	24.89	ng/ul	0.00
10) Fluorene-d10	15.56	176	372564	24.66	ng/ul	0.00
15) Anthracene-d10	17.41	188	577477	23.28	ng/ul	0.00
19) Pyrene-d10	19.69	212	687747	25.21	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	747547	24.10	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.29	152	36786	1.835	ng/ul	99
14) Phenanthrene	17.35	178	663626	22.540	ng/ul	99
16) Anthracene	17.44	178	38186	1.285	ng/ul	96
17) Fluoranthene	19.36	202	1099884	33.503	ng/ul	100
20) Pyrene	19.72	202	961256	27.630	ng/ul	99
21) Benzo(a)anthracene	21.54	228	347064	10.064	ng/ul	96
22) Chrysene	21.60	228	561902	16.856	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	735904	19.575	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	242706m	6.508	ng/ul	
27) Benzo(a)pyrene	24.51	252	420125	12.173	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.16	276	377183	8.728	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	87752	2.504	ng/ul	98
30) Benzo(g,h,i)perylene	29.25	276	309960	8.570	ng/ul	99

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

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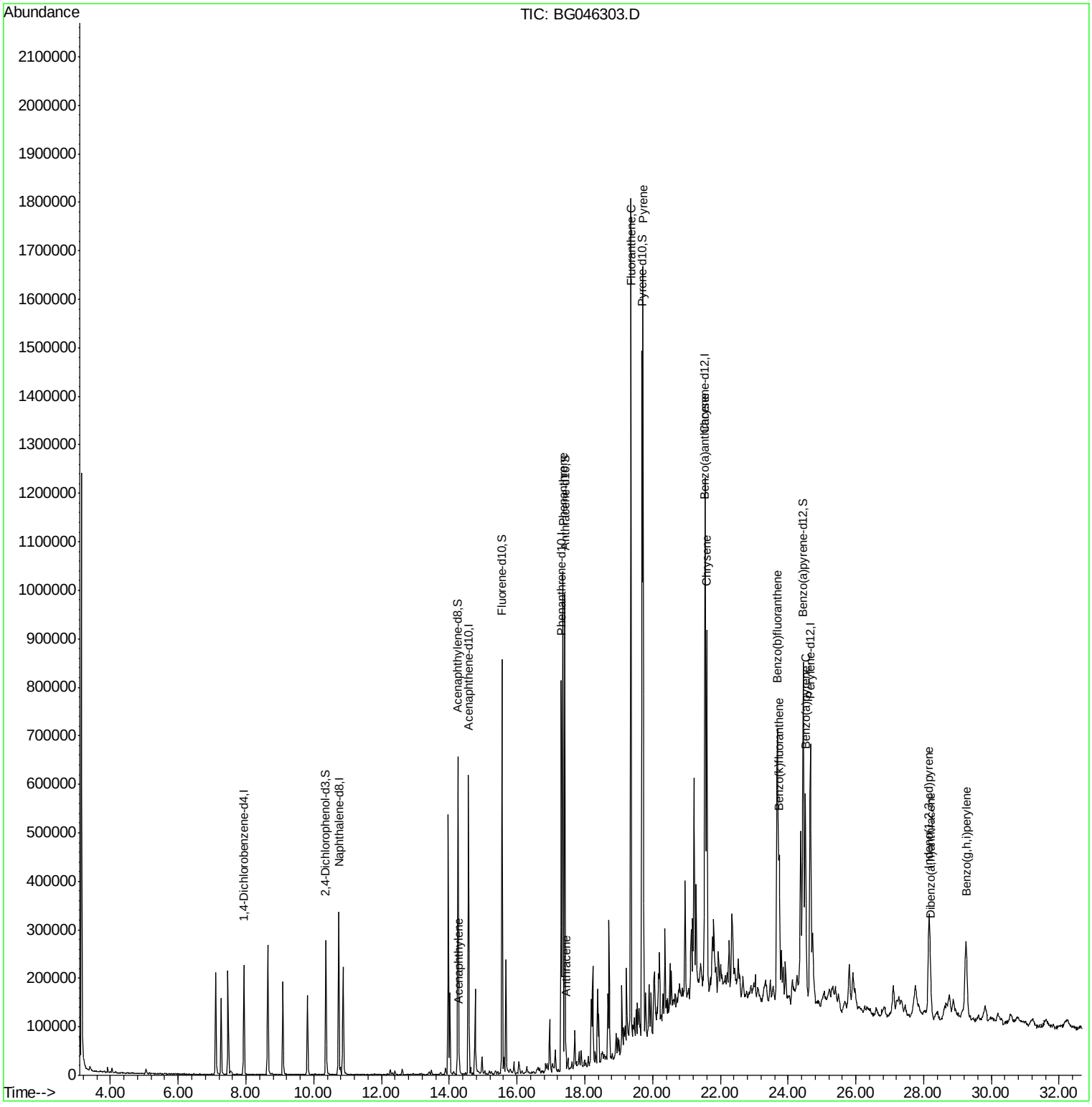
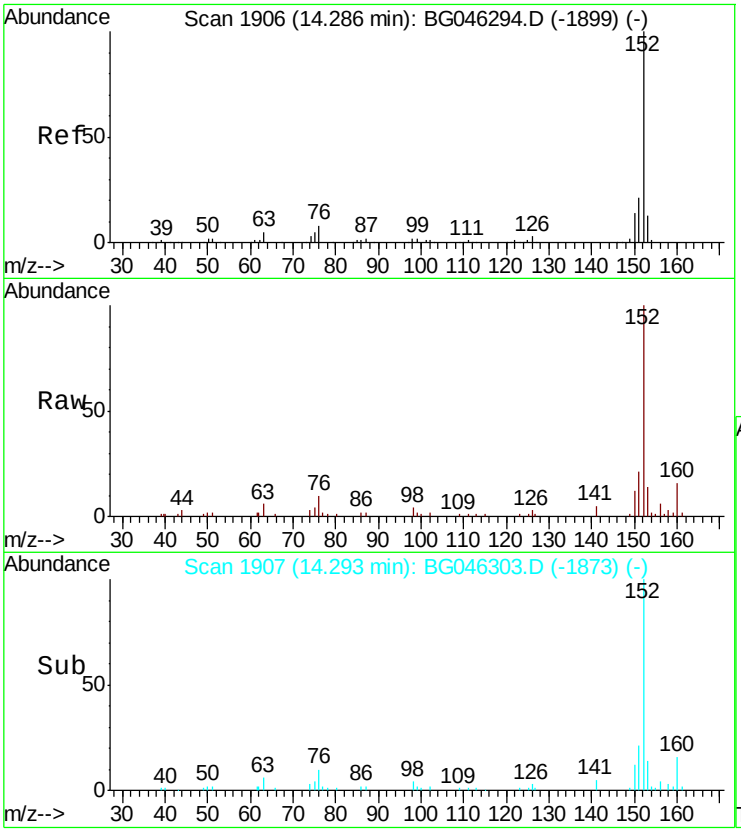
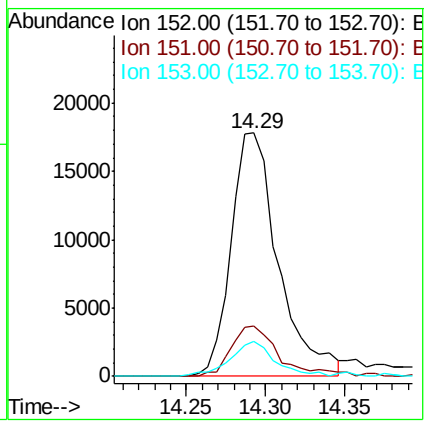




#8
Acenaphthylene
Concen: 1.835 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:152 Resp: 36786

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	14.2	11.0	16.6



Instrument :
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ClientSampleId :
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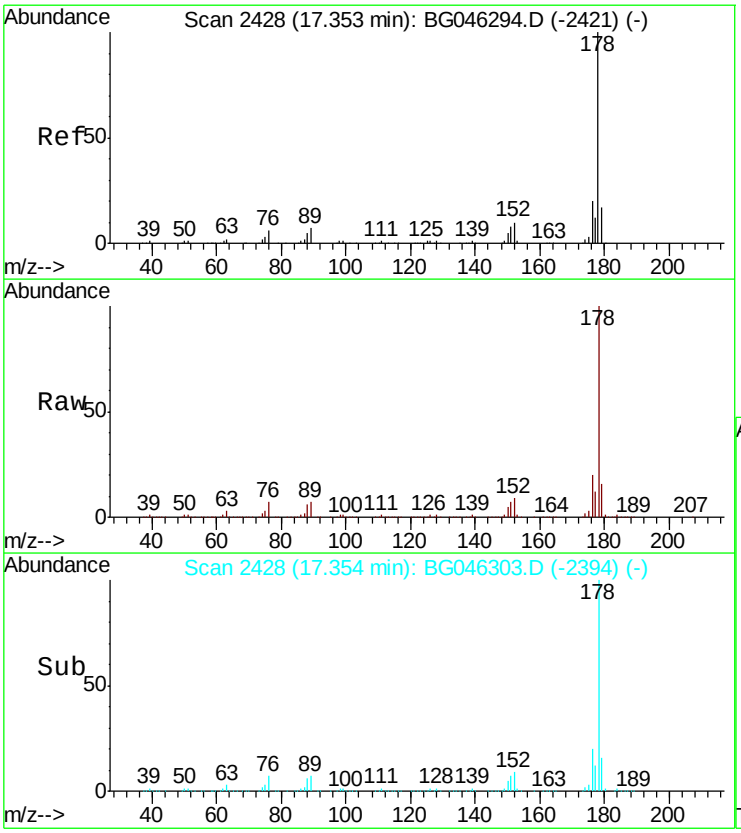
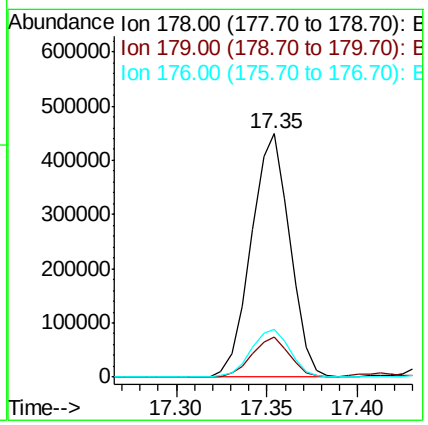
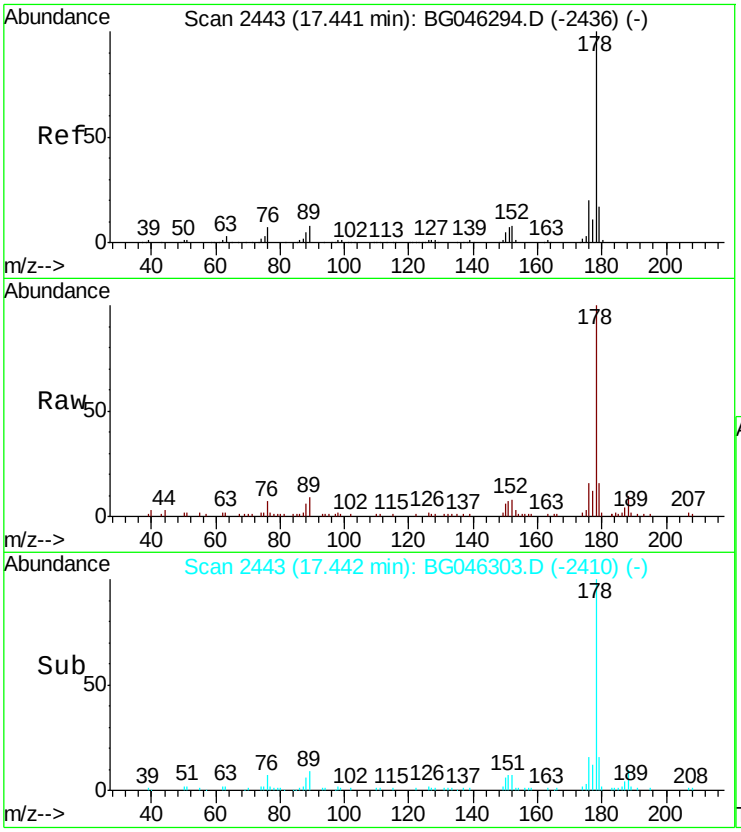


#14
Phenanthrene
Concen: 22.540 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:178 Resp: 663626

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.7	15.8	23.8

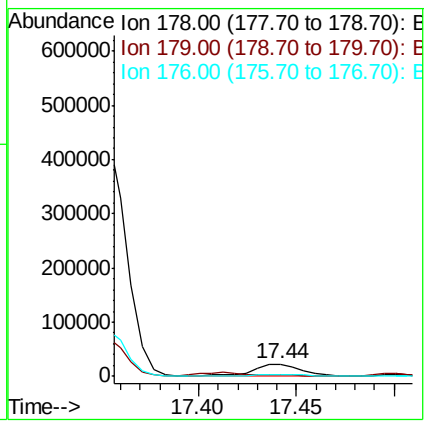




#16
Anthracene
Concen: 1.285 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:178 Resp: 38186

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	16.1	15.2	22.8



Instrument :
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ClientSampleId :
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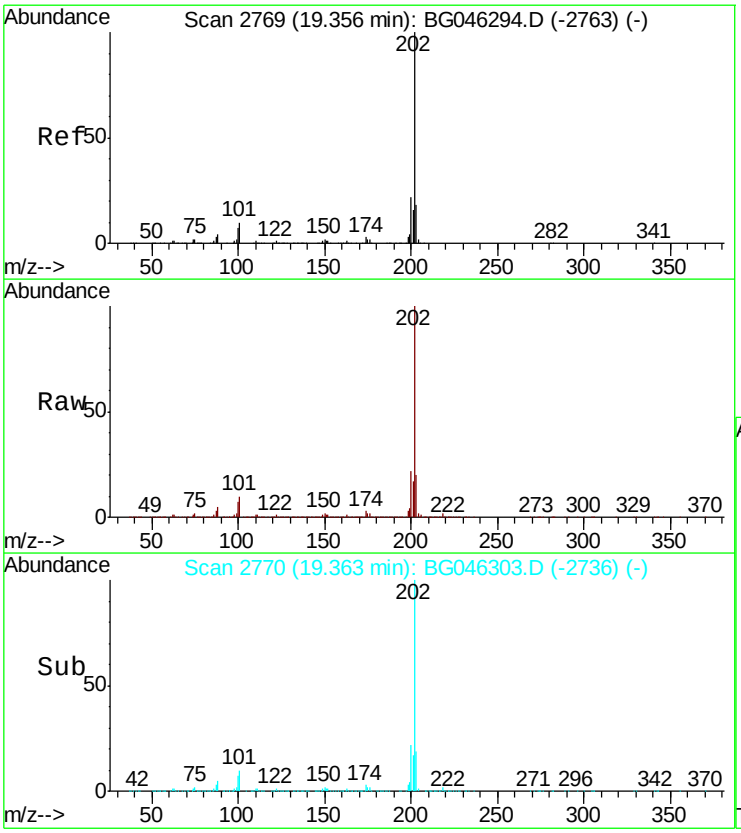
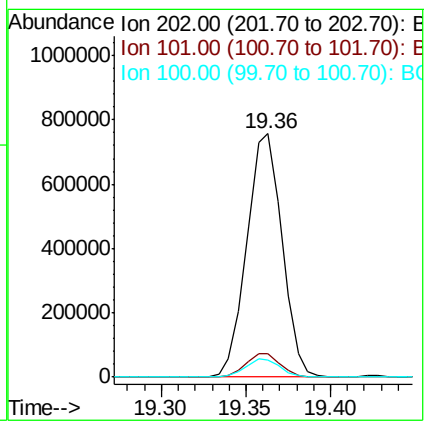
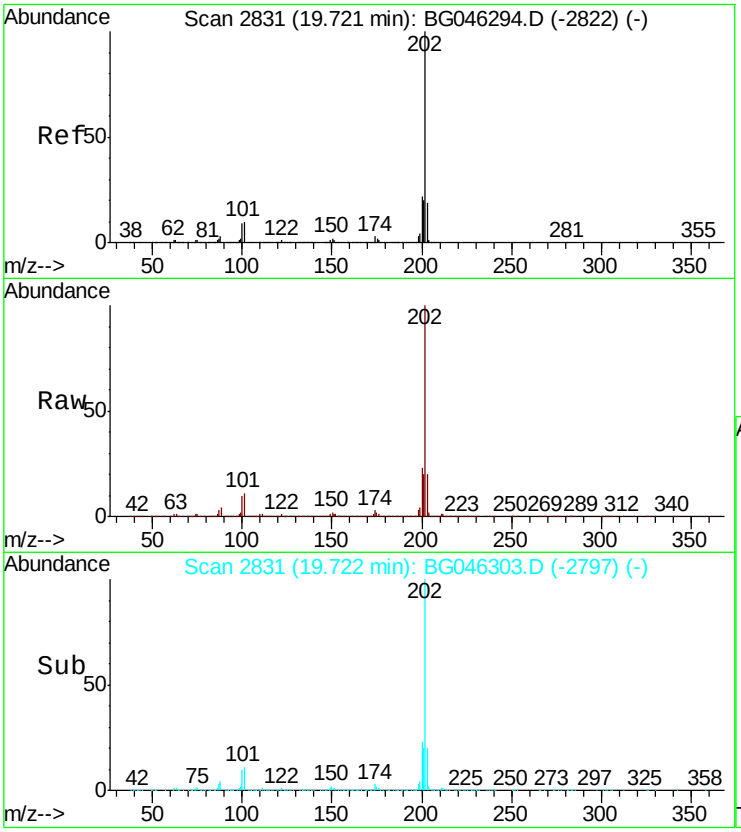


#17
Fluoranthene
Concen: 33.503 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:202 Resp: 1099884

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	7.1	5.9	8.9





#20
Pyrene
Concen: 27.630 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:202 Resp: 961256

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	9.5	7.9	11.9

Instrument :
BNA_G
ClientSampleId :
BFM89

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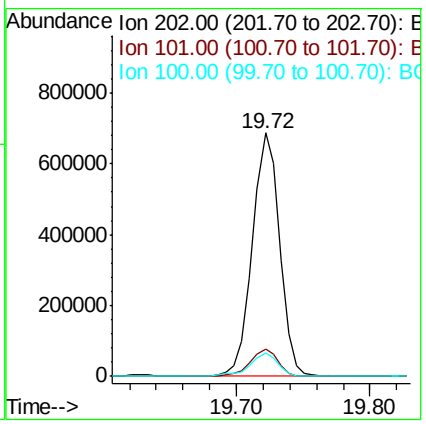
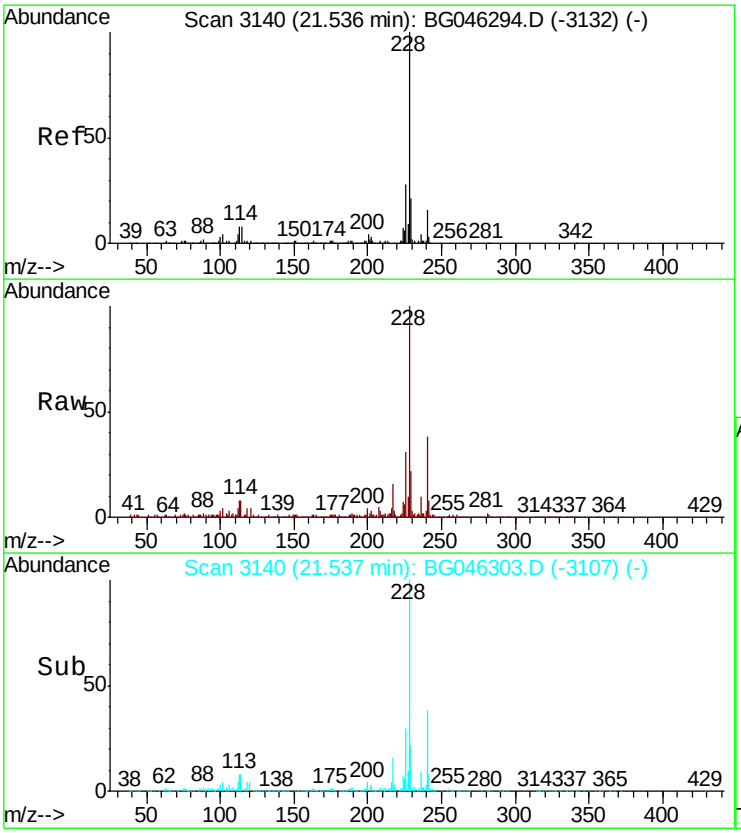
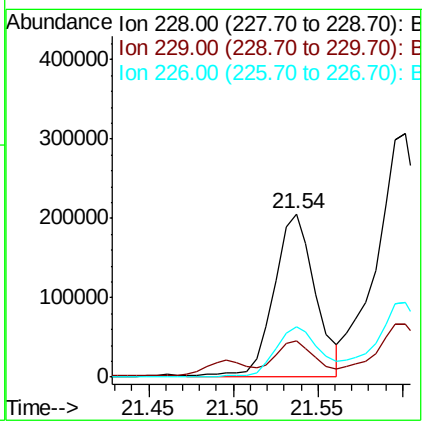


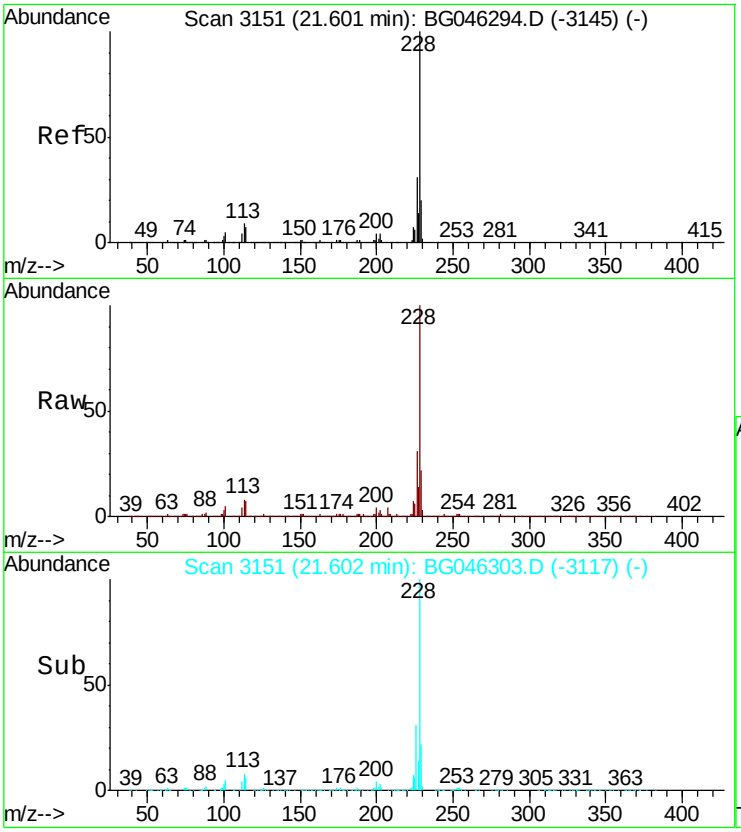


#21
Benzo(a)anthracene
Concen: 10.064 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:228 Resp: 347064

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.6	25.0
226	30.6	22.6	33.8

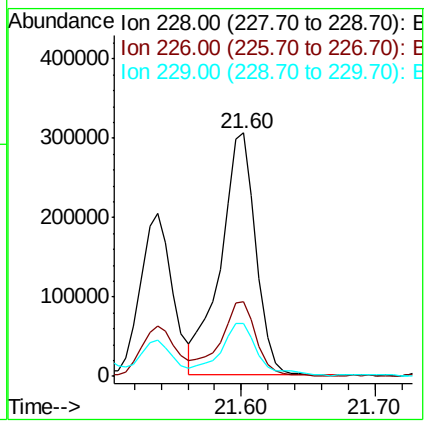




#22
Chrysene
Concen: 16.856 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:228 Resp: 561902

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	21.8	17.0	25.4



Instrument :
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ClientSampleId :
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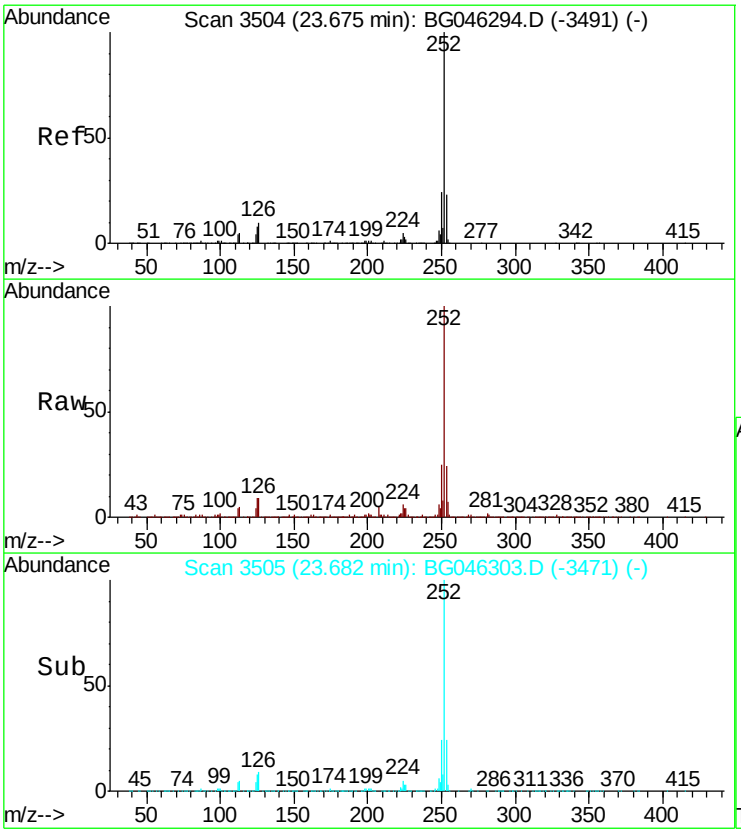
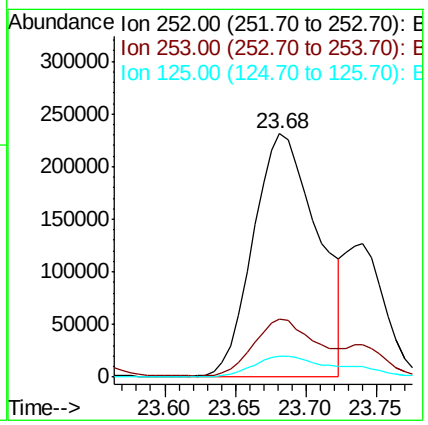
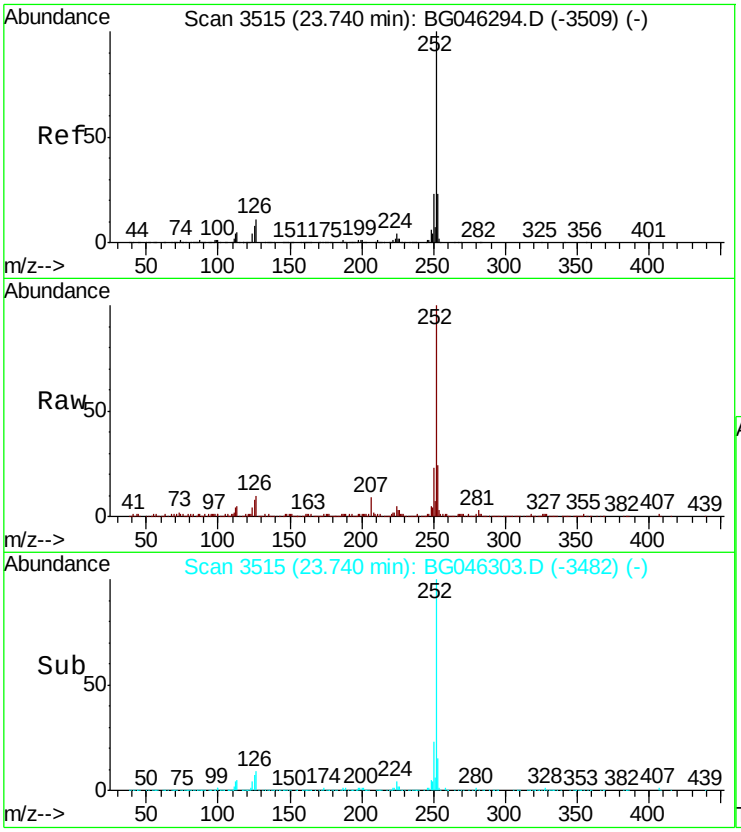


#24
Benzo(b)fluoranthene
Concen: 19.575 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:252 Resp: 735904

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	8.6	6.4	9.6

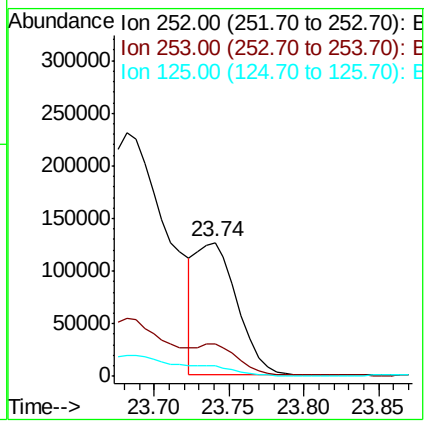




#25
Benzo(k)fluoranthene
Concen: 6.508 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:252 Resp: 242706

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	7.7	6.2	9.2



Instrument :
BNA_G
ClientSampleId :
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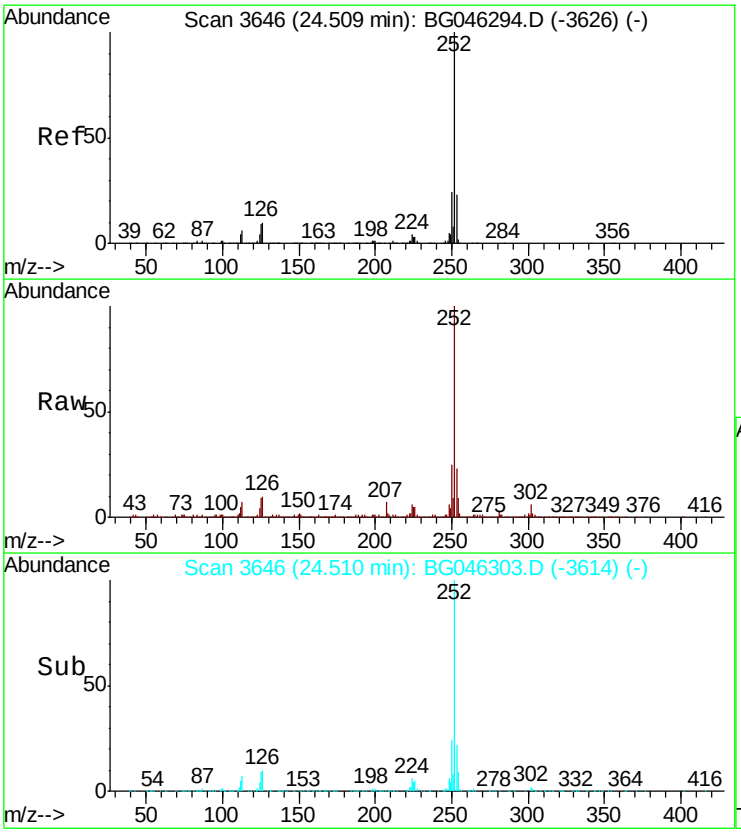
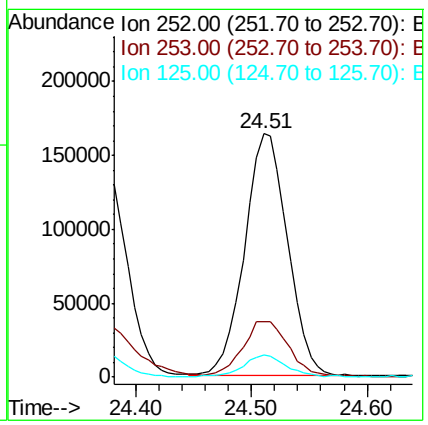
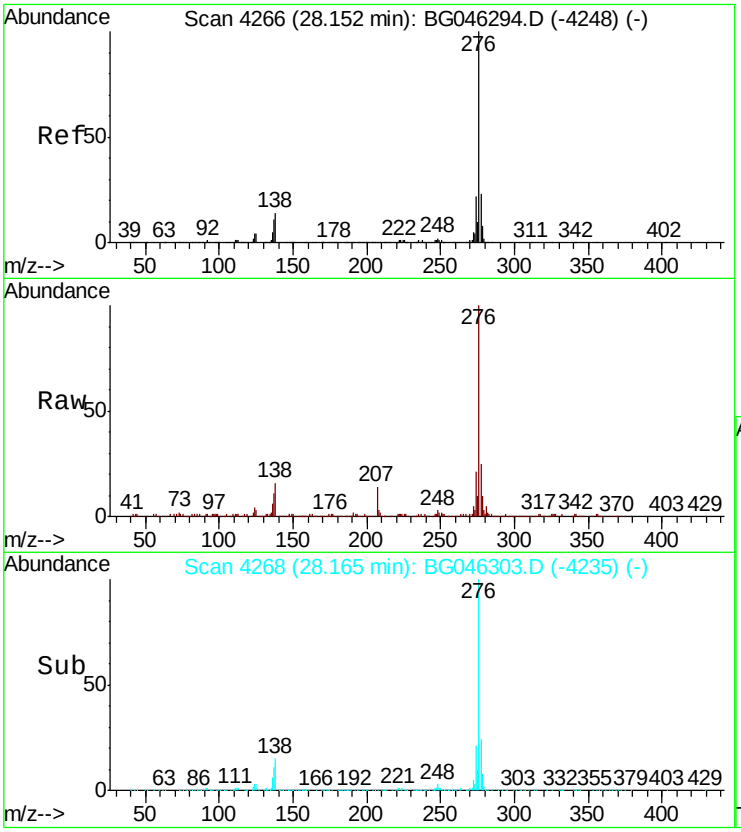


#27
Benzo(a)pyrene
Concen: 12.173 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:252 Resp: 420125

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.1	7.1	10.7

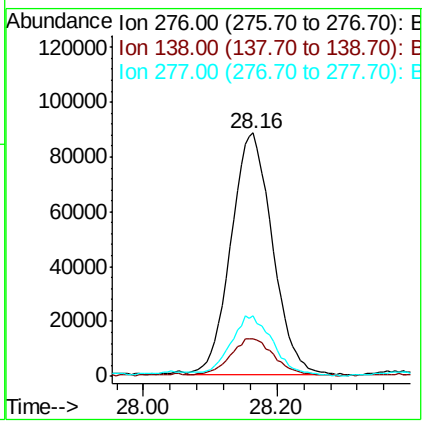




#28
Indeno(1,2,3-cd)pyrene
Concen: 8.728 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:276 Resp: 377183

Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.2	19.8
277	24.8	19.9	29.9



Instrument :
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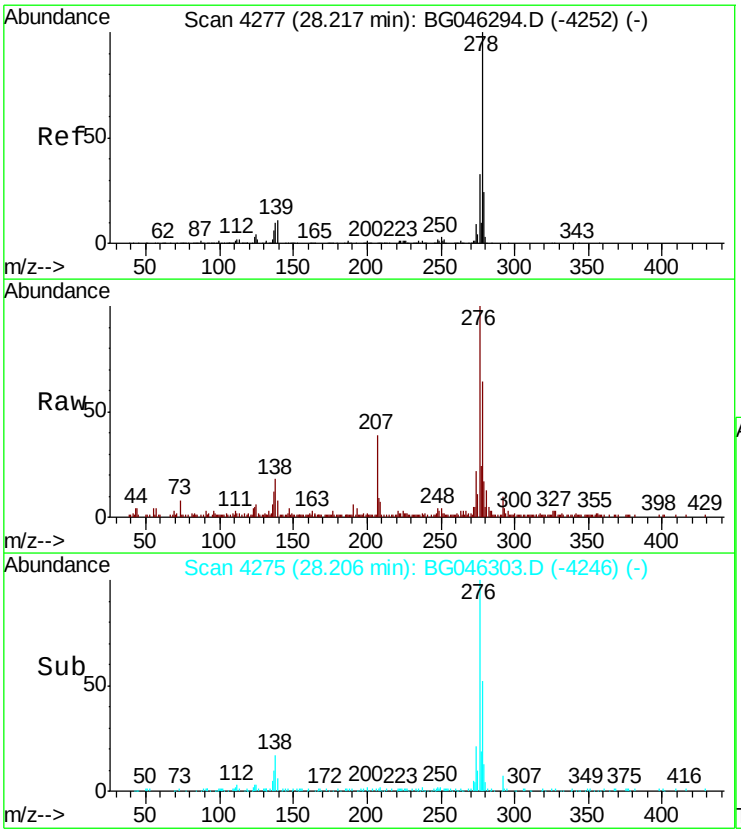
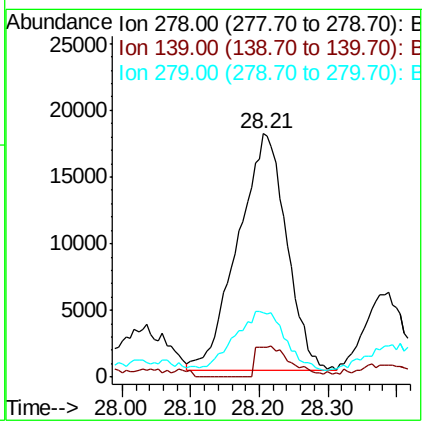
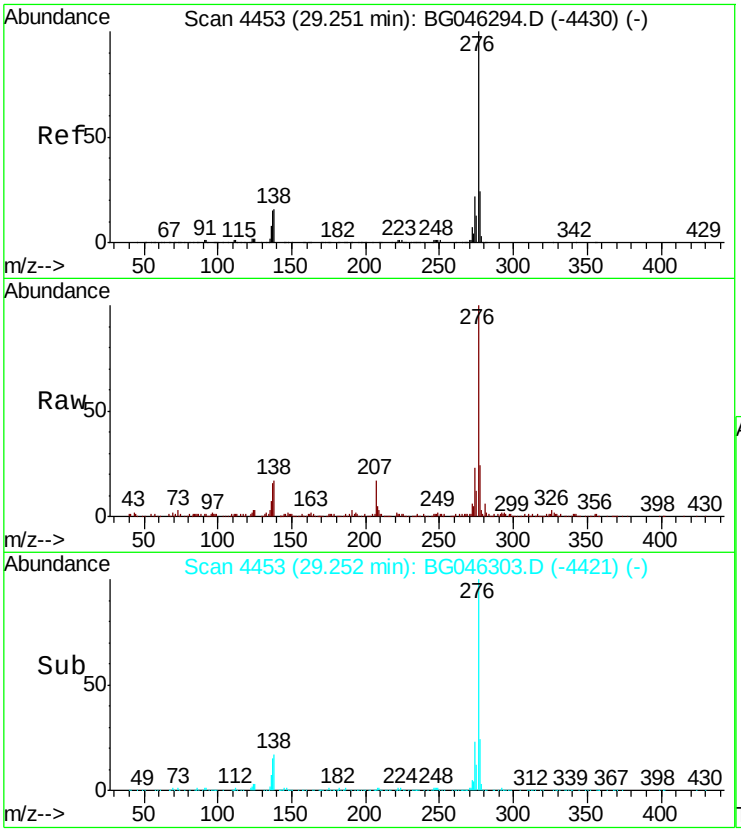


#29
Dibenzo(a,h)anthracene
Concen: 2.504 ng/ul
RT: 28.21 min Scan# 4275
Delta R.T. -0.03 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:278 Resp: 87752

Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.8	14.8
279	26.2	19.7	29.5

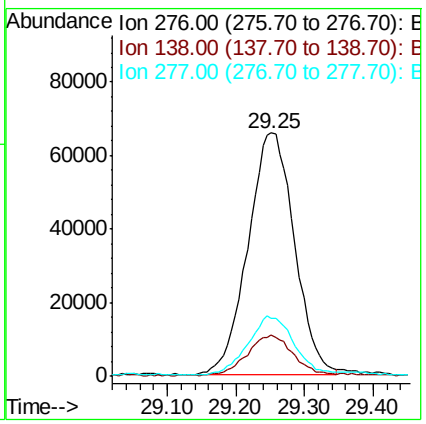




#30
Benzo(g,h,i)perylene
Concen: 8.570 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG046303.D
Acq: 17 Aug 2020 18:32

Tgt Ion:276 Resp: 309960

Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.9	19.3
277	24.1	19.4	29.0



Instrument :
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ClientSampleId :
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