Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046373.D
Acq On : 20 Aug 2020 11:15
Operator : CG/JU
Sample : L3634-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 20 11:57:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 11:14:19 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : BFMF3

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	81992	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	324214	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	218893	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	515882	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	536085	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	565593	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	132395	23.72	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	514101	25.52	ng/ul	0.00
10) Fluorene-d10	15.56	176	397867	25.77	ng/ul	0.00
15) Anthracene-d10	17.41	188	608969	25.46	ng/ul	0.00
19) Pyrene-d10	19.69	212	741454	26.87	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	813436	26.36	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.29	152	29705	1.450	ng/ul	96
14) Phenanthrene	17.35	178	391250	13.786	ng/ul	100
16) Anthracene	17.44	178	40302	1.407	ng/ul	97
17) Fluoranthene	19.36	202	931629	29.439	ng/ul	99
20) Pyrene	19.72	202	814227	23.139	ng/ul	99
21) Benzo(a)anthracene	21.54	228	415723	11.919	ng/ul	97
22) Chrysene	21.60	228	523597	15.529	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	787473	21.054	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	243595m	6.566	ng/ul	
27) Benzo(a)pyrene	24.52	252	476831	13.887	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.16	276	368175	8.563	ng/ul	98
29) Dibenzo(a,h)anthracene	28.21	278	89221	2.559	ng/ul	99
30) Benzo(g,h,i)perylene	29.26	276	212069	5.894	ng/ul	97

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

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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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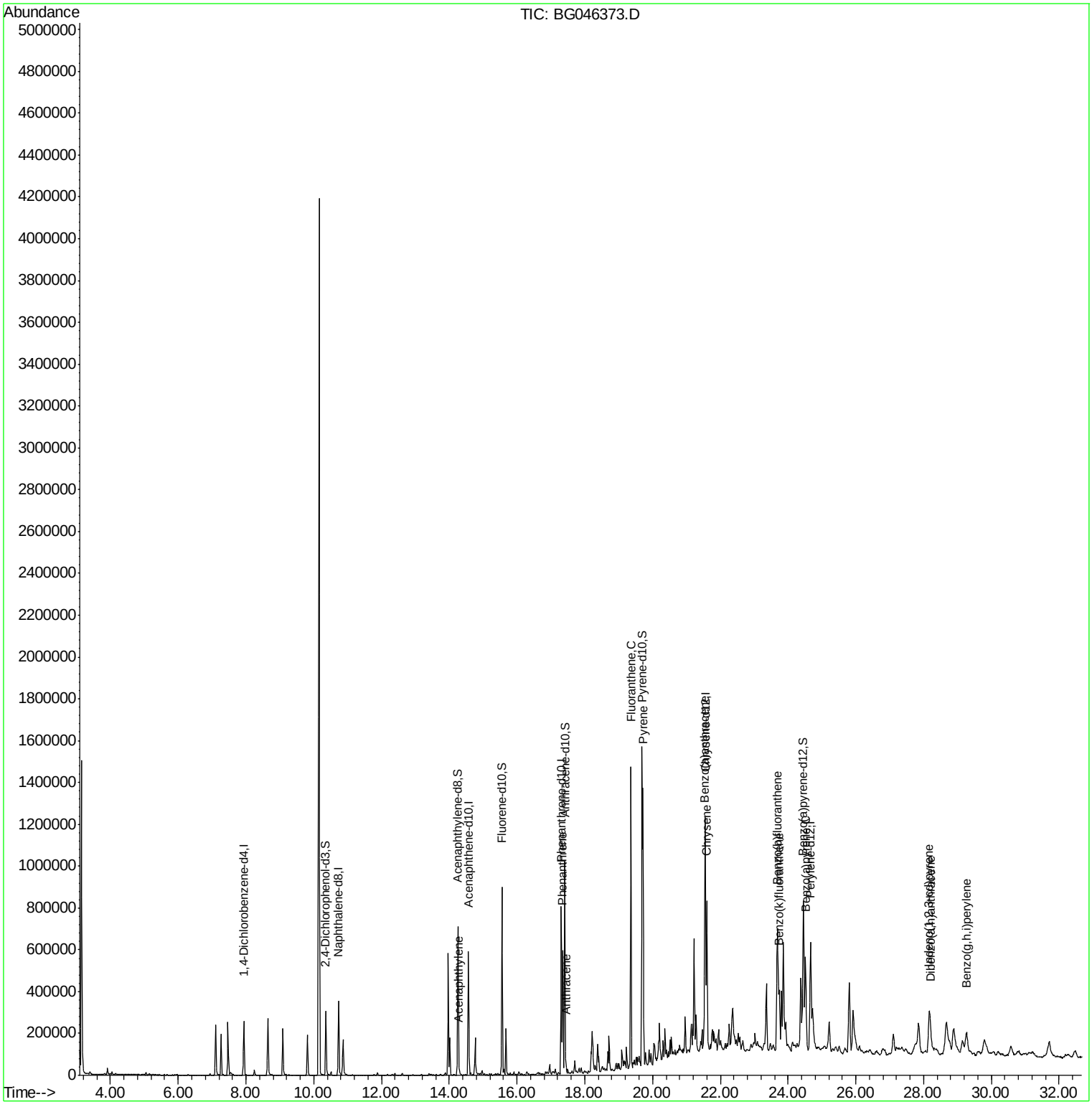
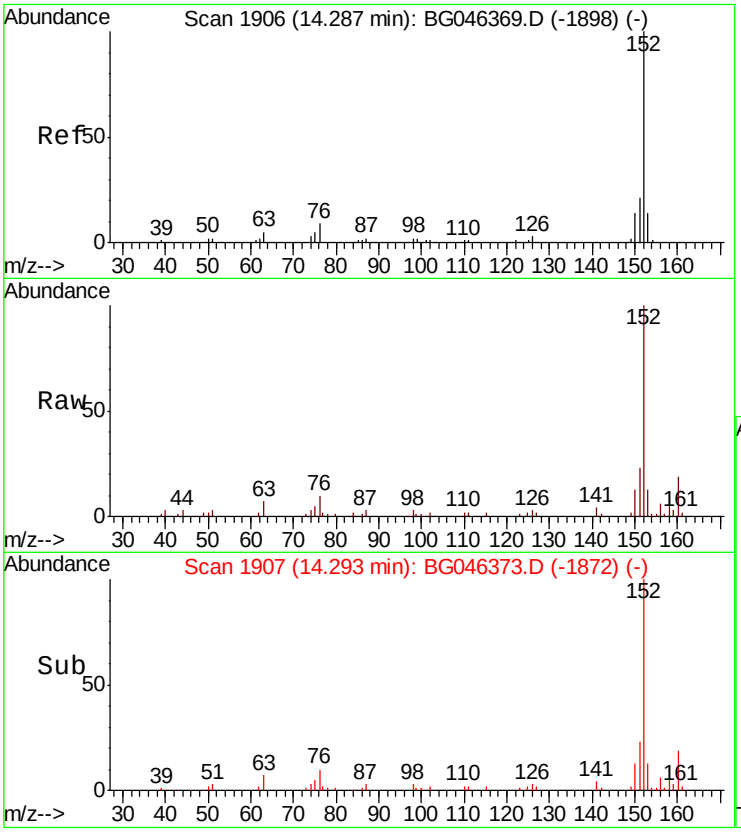
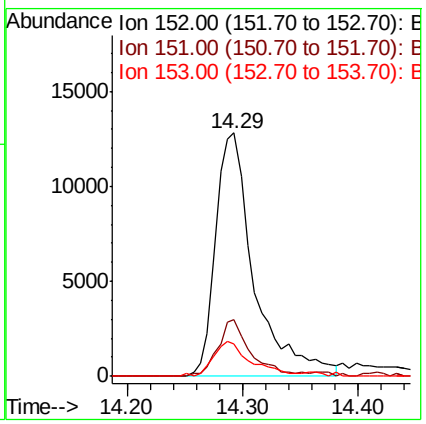




#8
Acenaphthylene
Concen: 1.450 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:152 Resp: 29705

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.5	24.7
153	13.1	11.0	16.6



Instrument :
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ClientSampleId :
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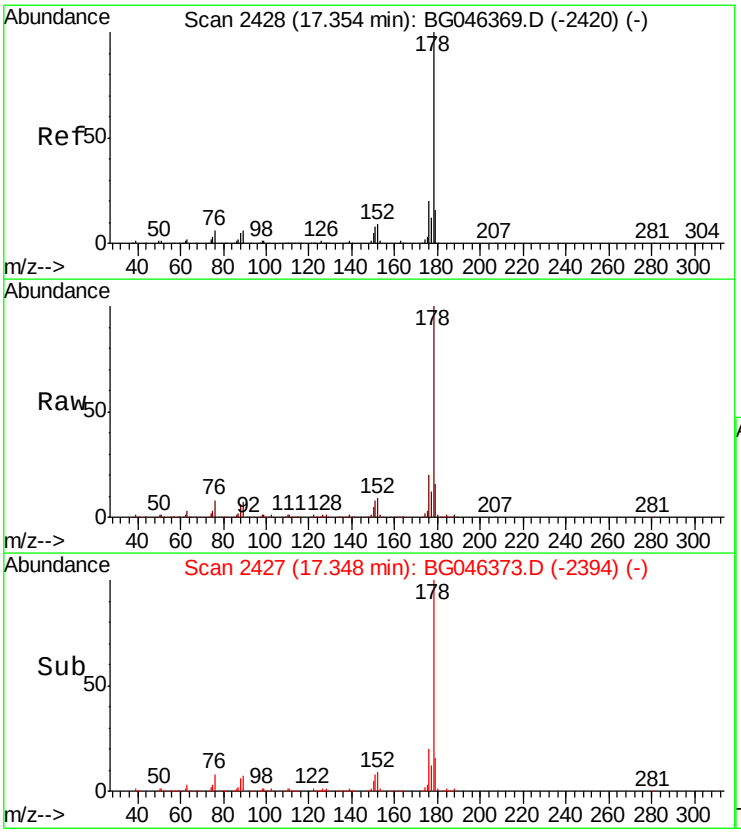
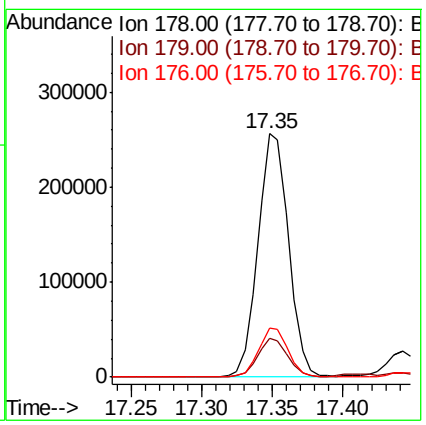
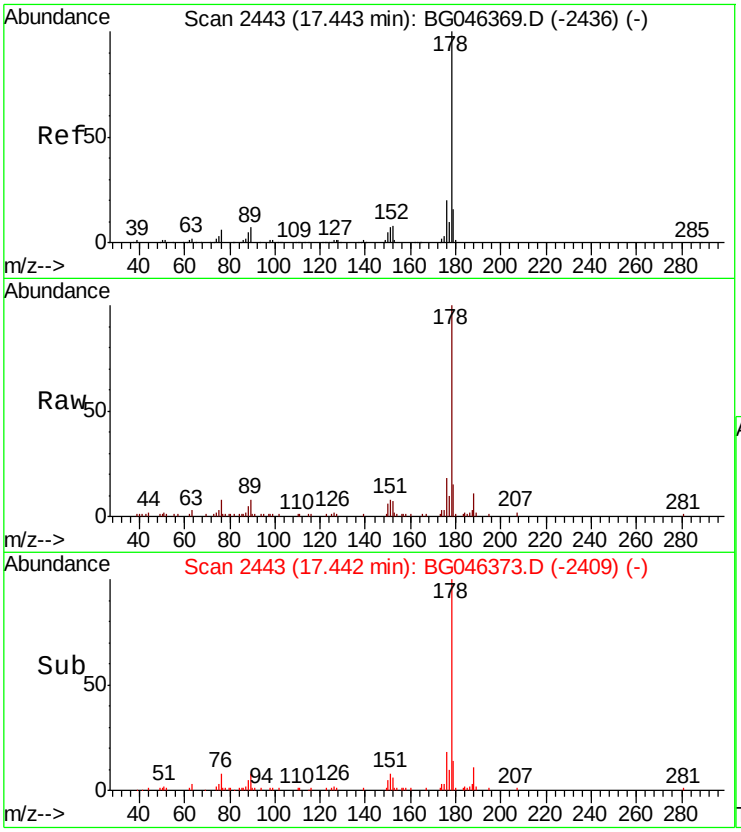


#14
Phenanthrene
Concen: 13.786 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:178 Resp: 391250

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.0	15.8	23.8

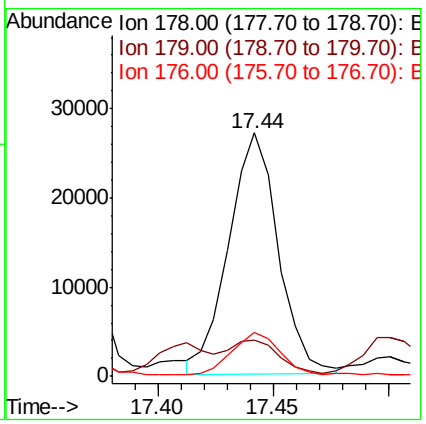




#16
Anthracene
Concen: 1.407 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:178 Resp: 40302

Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.2	19.8
176	18.2	15.2	22.8



Instrument :
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ClientSampleId :
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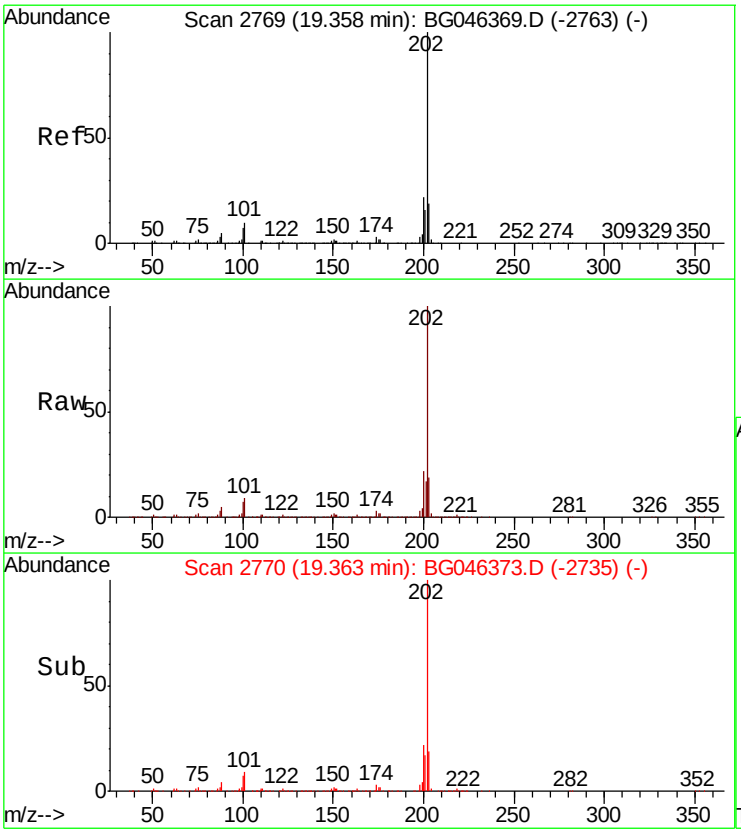
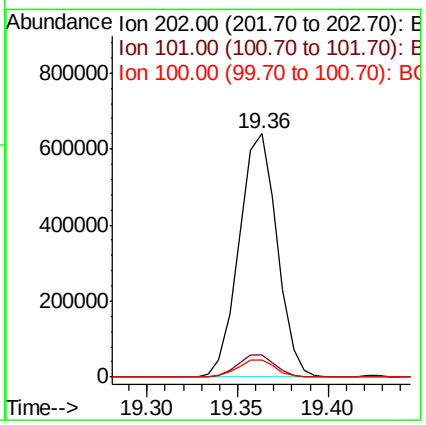
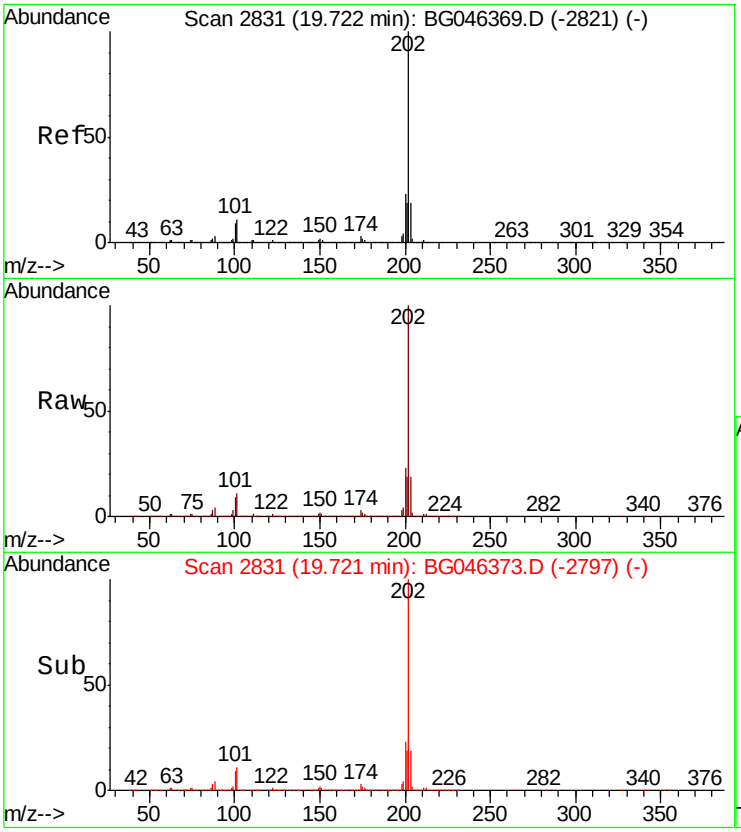


#17
Fluoranthene
Concen: 29.439 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:202 Resp: 931629

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.6
100	7.1	5.9	8.9

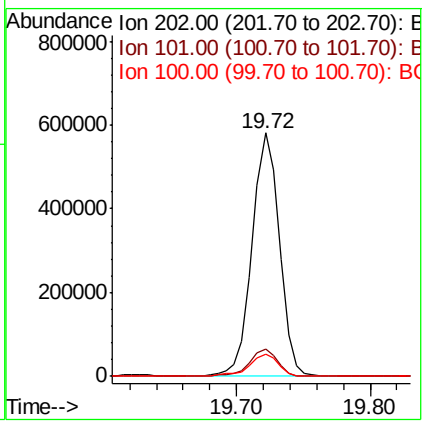




#20
Pyrene
Concen: 23.139 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:202 Resp: 814227

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	9.1	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
BFMF3

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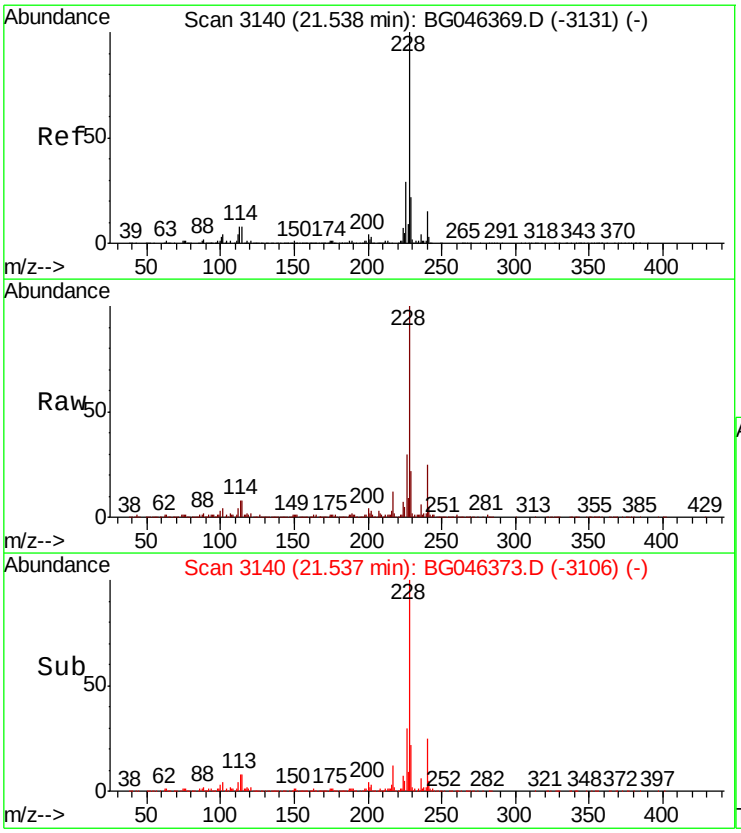
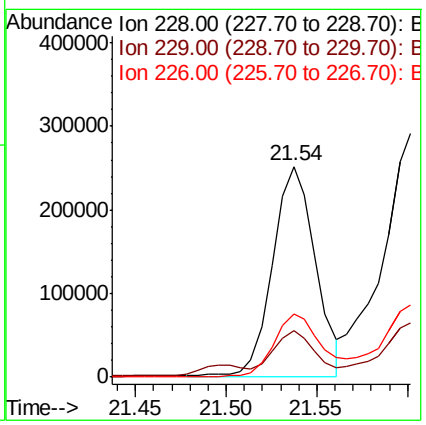
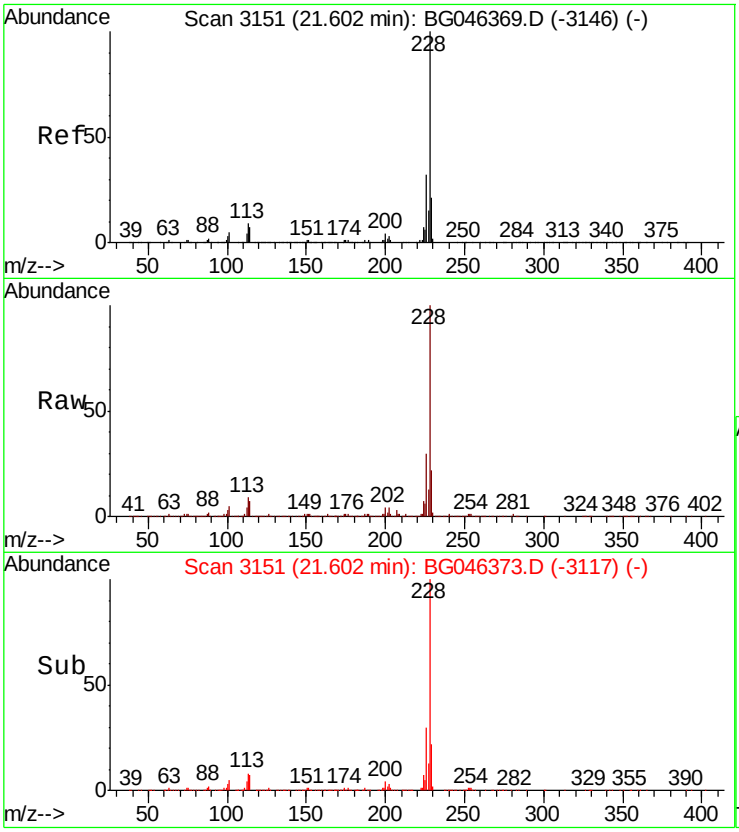


#21
Benzo(a)anthracene
Concen: 11.919 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:228 Resp: 415723

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.6	25.0
226	29.7	22.6	33.8

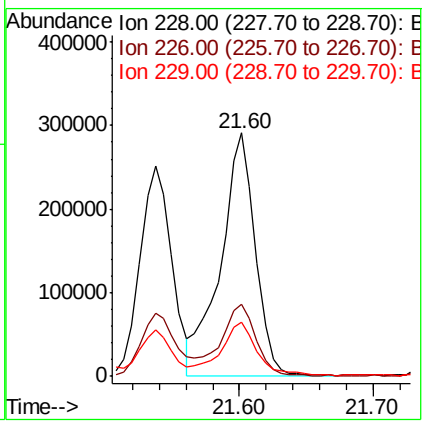




#22
Chrysene
Concen: 15.529 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:228 Resp: 523597

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.5	38.3
229	22.2	17.0	25.4



Instrument :
BNA_G
ClientSampleId :
BFMF3

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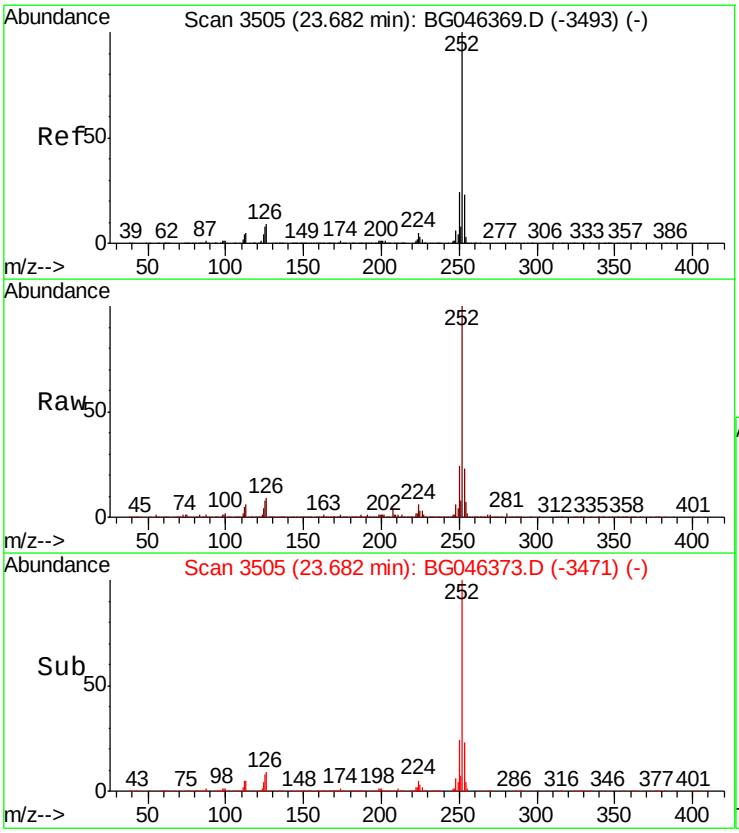
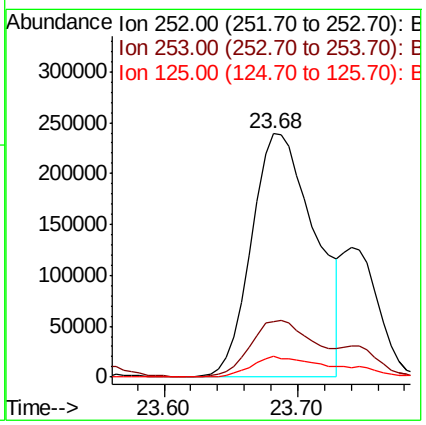
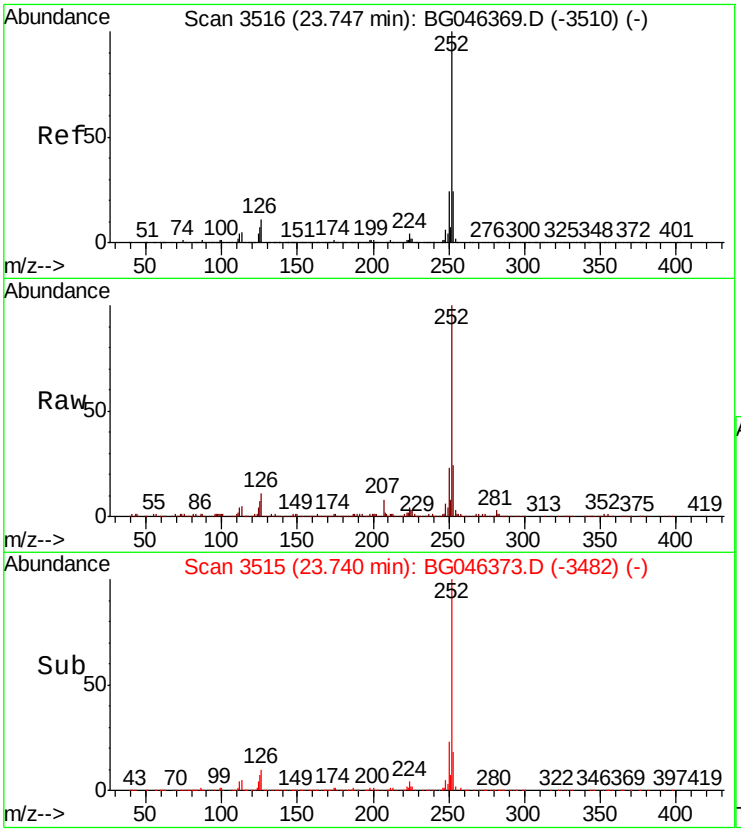


#24
Benzo(b)fluoranthene
Concen: 21.054 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:252 Resp: 787473

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.4	6.4	9.6

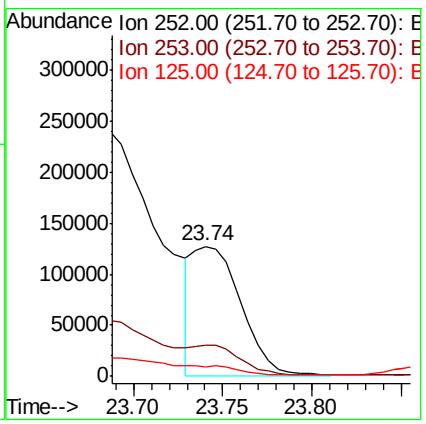




#25
Benzo(k)fluoranthene
Concen: 6.566 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:252 Resp: 243595

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	7.5	6.2	9.2



Instrument :
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ClientSampleId :
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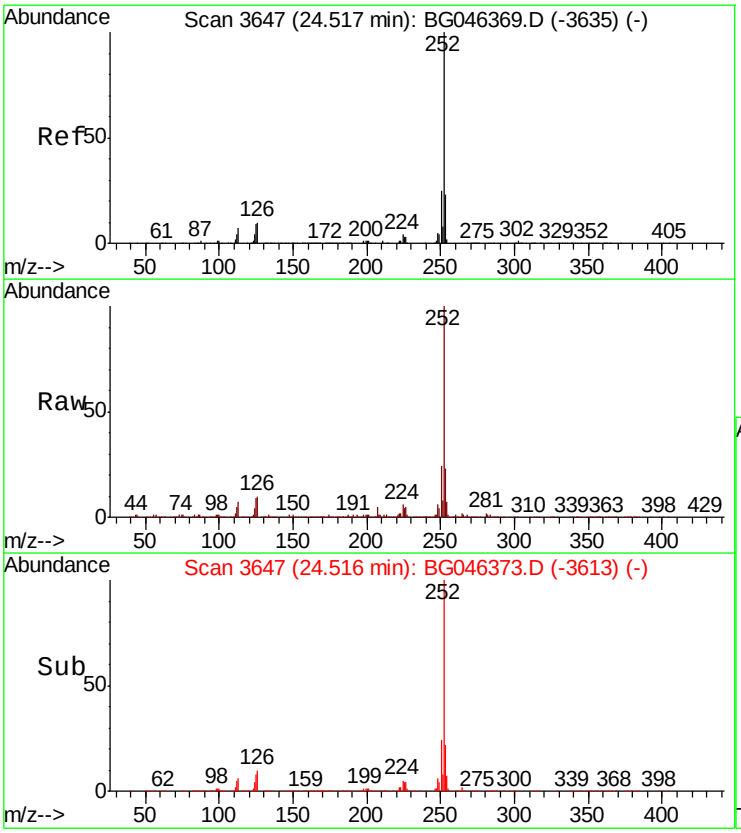
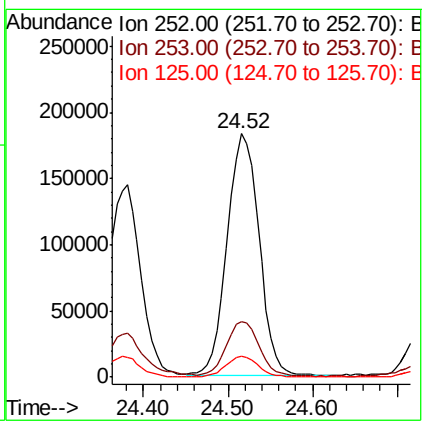
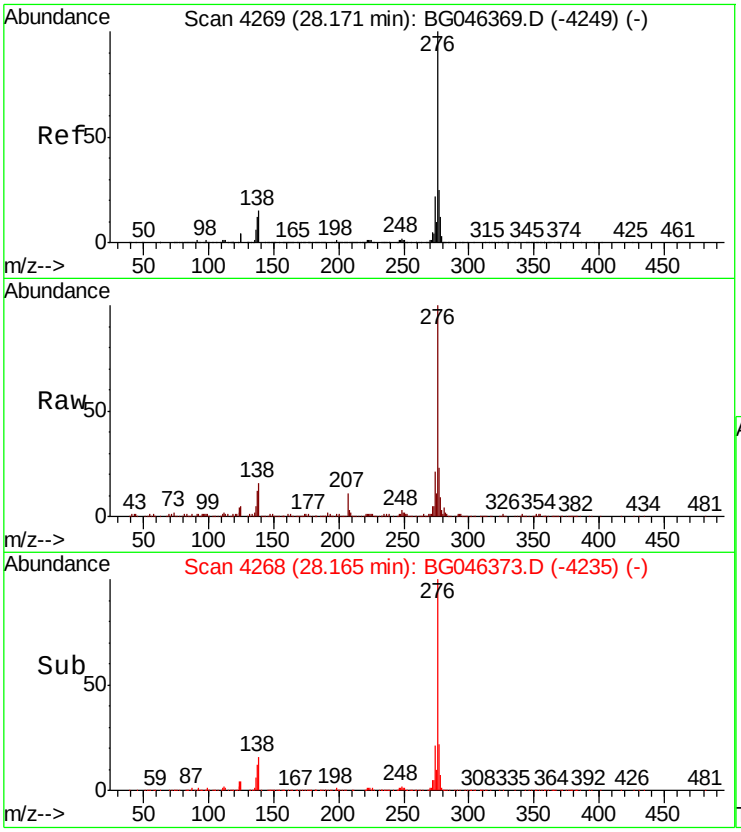


#27
Benzo(a)pyrene
Concen: 13.887 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:252 Resp: 476831

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	8.6	7.1	10.7

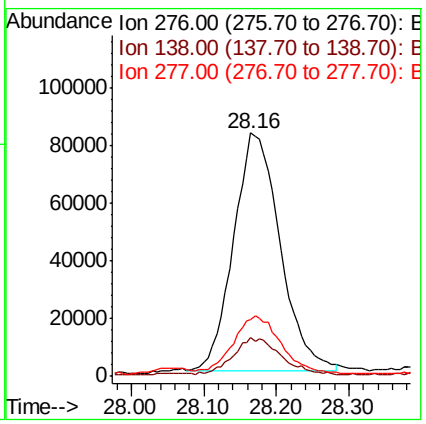




#28
Indeno(1,2,3-cd)pyrene
Concen: 8.563 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:276 Resp: 368175

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.2	19.8
277	23.2	19.9	29.9



Instrument :
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ClientSampleId :
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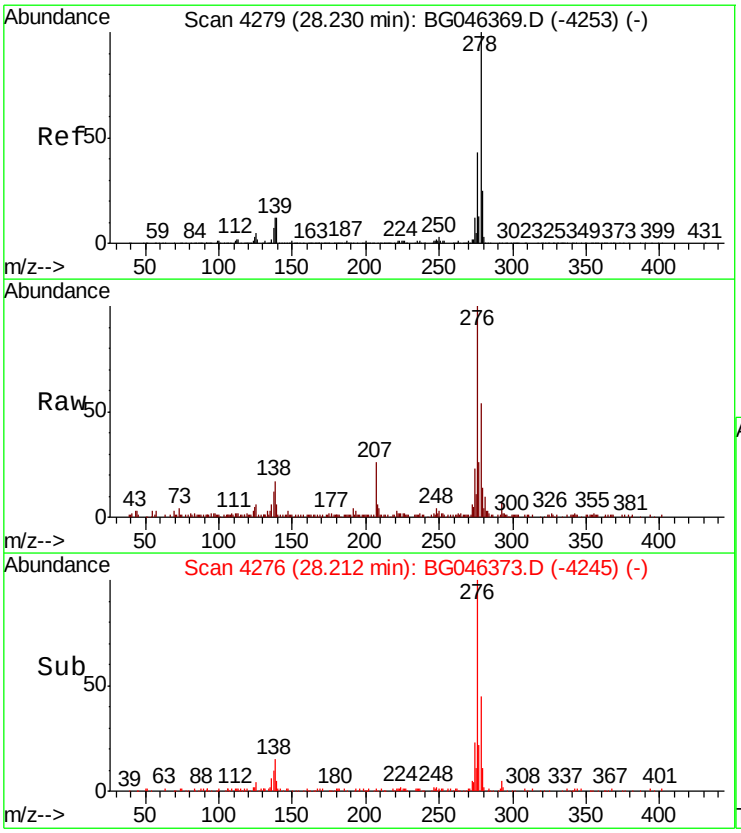
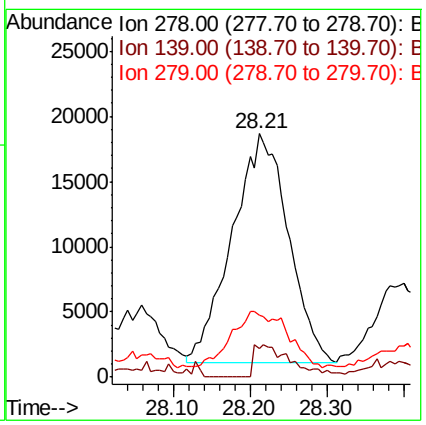
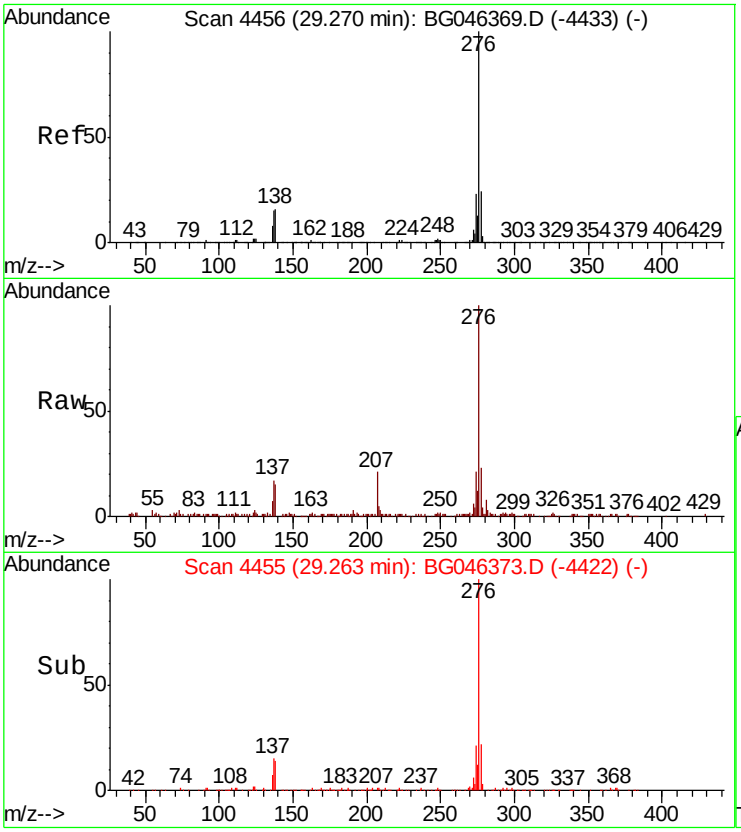


#29
Dibenzo(a,h)anthracene
Concen: 2.559 ng/ul
RT: 28.21 min Scan# 4276
Delta R.T. -0.02 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:278 Resp: 89221

Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.8	14.8
279	25.3	19.7	29.5

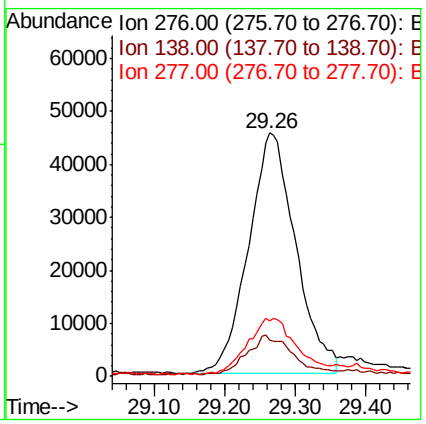




#30
Benzo(g,h,i)perylene
Concen: 5.894 ng/ul
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046373.D
Acq: 20 Aug 2020 11:15

Tgt Ion:276 Resp: 212069

Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.9	19.3
277	22.8	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
BFMF3

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