Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047529.D
Acq On : 2 Dec 2020 13:21
Operator : CG/JU
Sample : L4865-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 02 14:18:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0B77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	28766	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	114675	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.87	164	90563	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	222741	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	222232	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	236213	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1656	2.09	ng/uL	0.00
5) Phenol-d5	7.40	99	38145	13.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	22575	13.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	31015	16.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	25730	11.61	ng/ul	-0.01
19) Nitrobenzene-d5	9.43	128	16236	17.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	17700	17.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	38103	16.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.22	131	32360	13.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	134106	17.25	ng/ul	-0.01
47) Acenaphthylene-d8	14.57	160	157824	17.57	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	17955	15.14	ng/ul	-0.01
58) Fluorene-d10	15.86	176	129900	18.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	24376	19.23	ng/ul	0.00
71) Anthracene-d10	17.71	188	203976	18.46	ng/ul	-0.01
79) Pyrene-d10	19.97	212	257951	19.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	264672	19.47	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	4978	1.801	ng/ul#	75
45) Dimethylphthalate	14.32	163	29188	3.681	ng/ul#	96
70) Phenanthrene	17.65	178	162221	13.486	ng/ul#	95
72) Anthracene	17.75	178	18258m	1.507	ng/ul	
75) Carbazole	18.01	167	16504	1.689	ng/ul	96
77) Fluoranthene	19.64	202	271047	17.843	ng/ul#	98
80) Pyrene	20.00	202	200563	12.741	ng/ul#	97
83) Benzo(a)anthracene	21.87	228	91181	5.766	ng/ul	99
85) Chrysene	21.94	228	100917	6.707	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	110939	6.652	ng/ul	95
89) Benzo(k)fluoranthene	24.27	252	50215	3.055	ng/ul	92
91) Benzo(a)pyrene	25.13	252	70403m	4.735	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.18	276	49059m	2.713	ng/ul	
94) Benzo(g,h,i)perylene	30.40	276	39909m	2.674	ng/ul	

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

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Instrument :
BNA_G
ClientSampleId :
C0B77

Manual Integrations APPROVED
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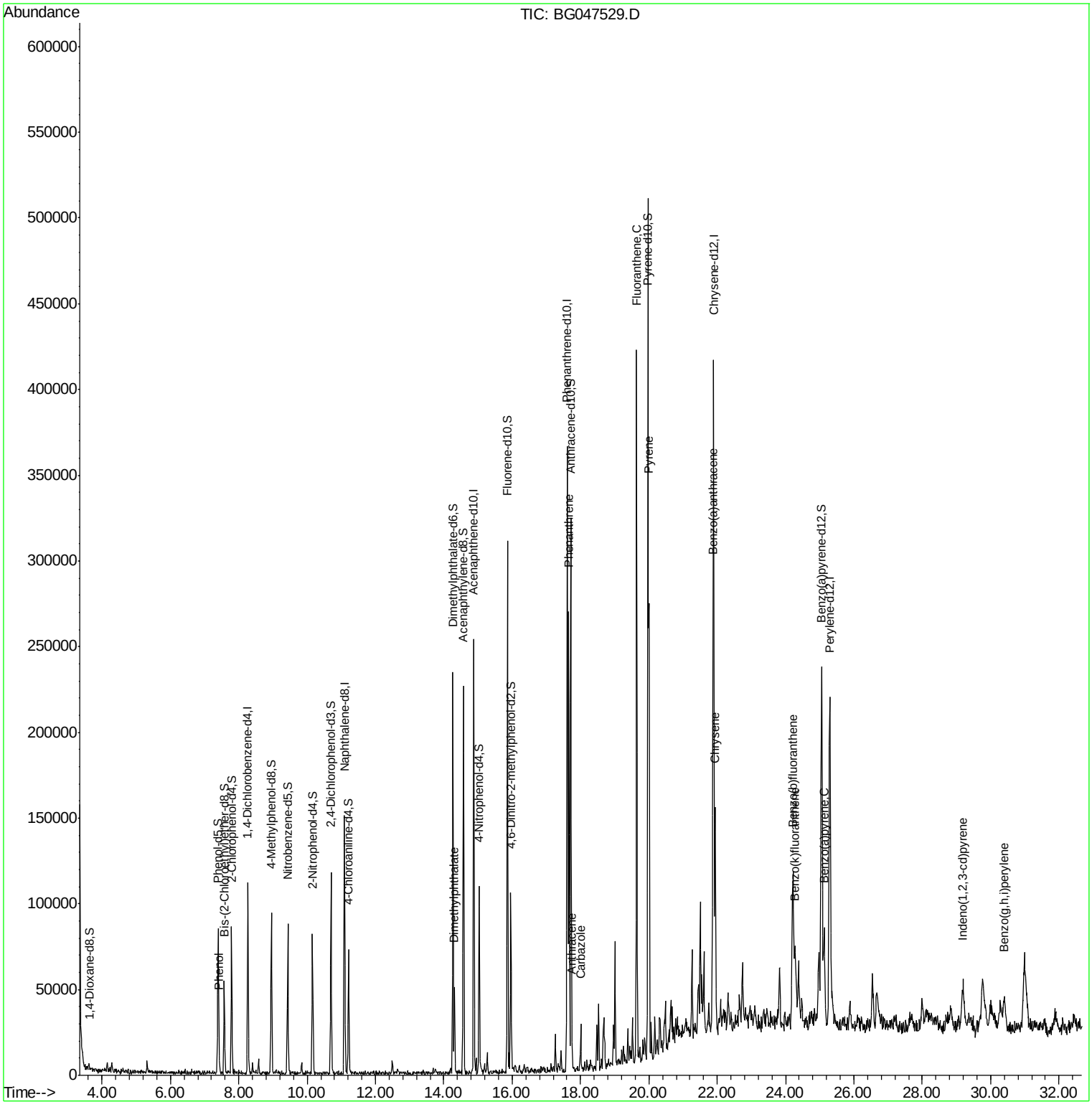

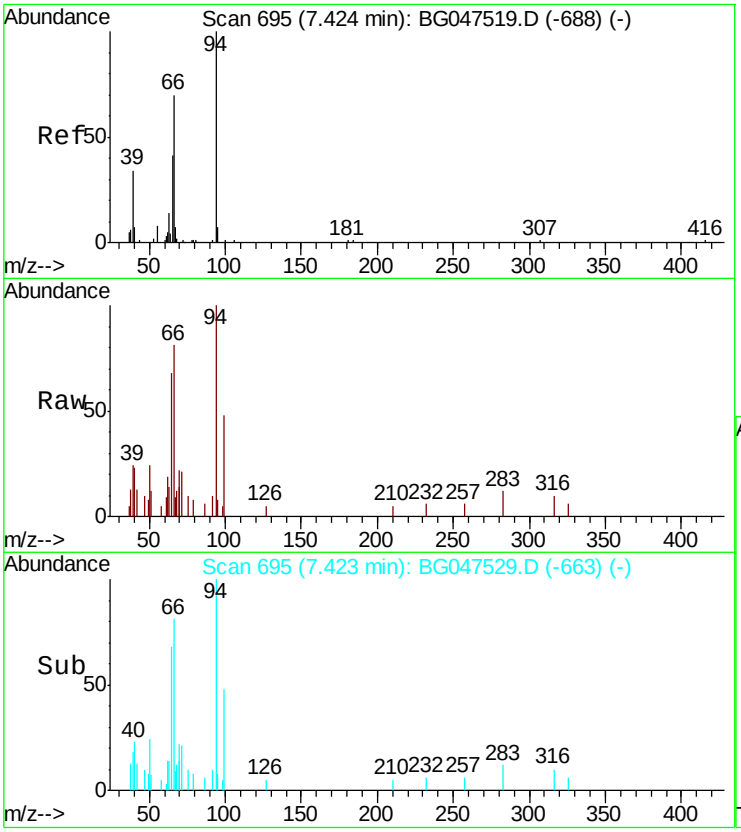

#6
Phenol
Concen: 1.801 ng/ul
RT: 7.42 min Scan# 695
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion: 94 Resp: 4978

Ion	Ratio	Lower	Upper
94	100		
65	67.6	37.8	56.8#
66	80.5	51.6	77.4#

Instrument :
BNA_G
ClientSampleId :
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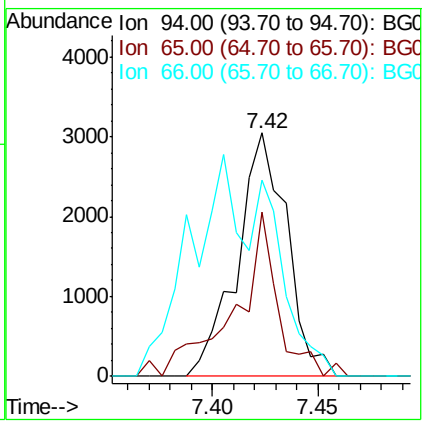
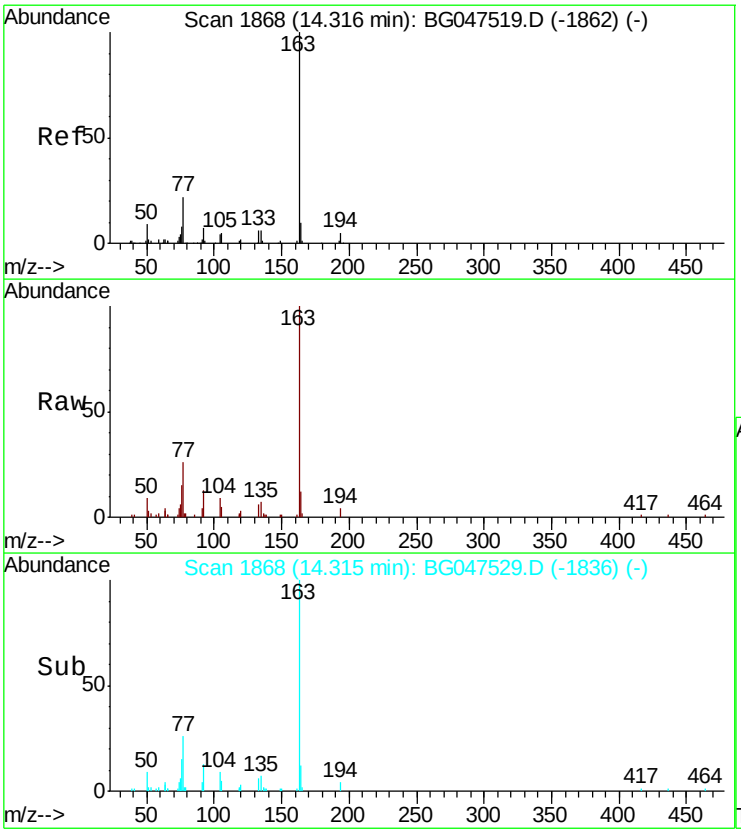
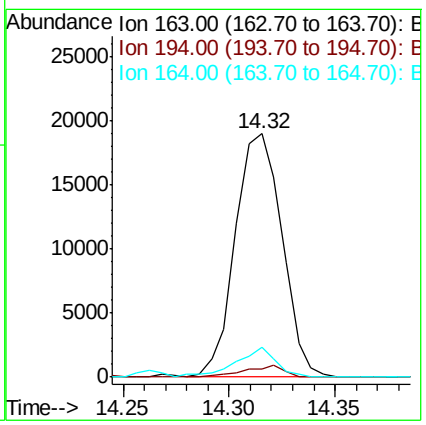


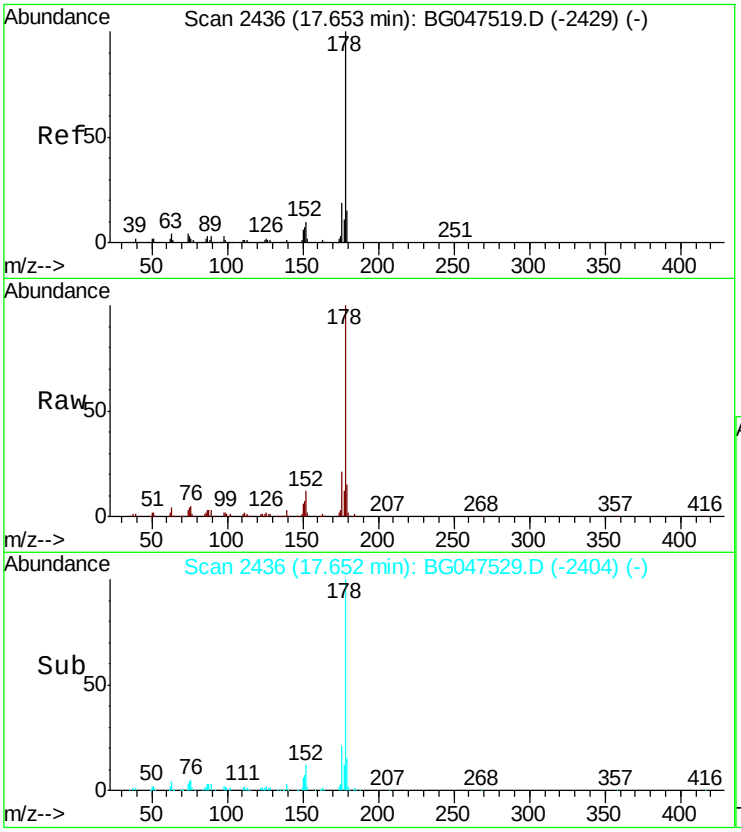


#45
Dimethylphthalate
Concen: 3.681 ng/ul
RT: 14.32 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:163 Resp: 29188

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	12.3	8.5	12.7

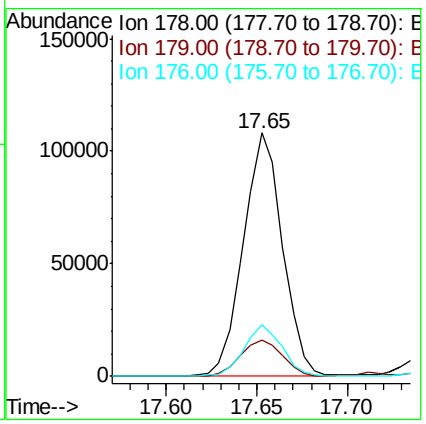




#70
Phenanthrene
Concen: 13.486 ng/ul
RT: 17.65 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:178 Resp: 162221

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.6
176	21.3	13.9	20.9#



Instrument :
BNA_G
ClientSampleId :
C0B77

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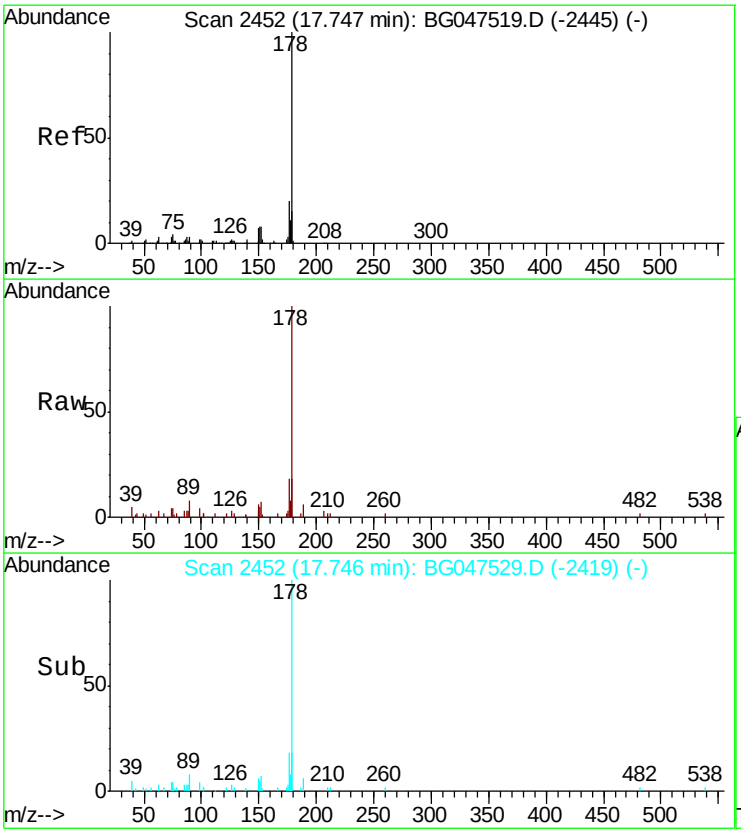
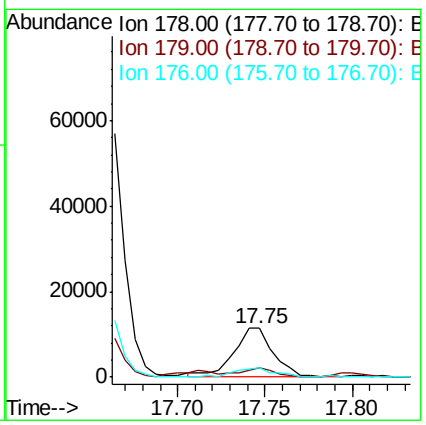
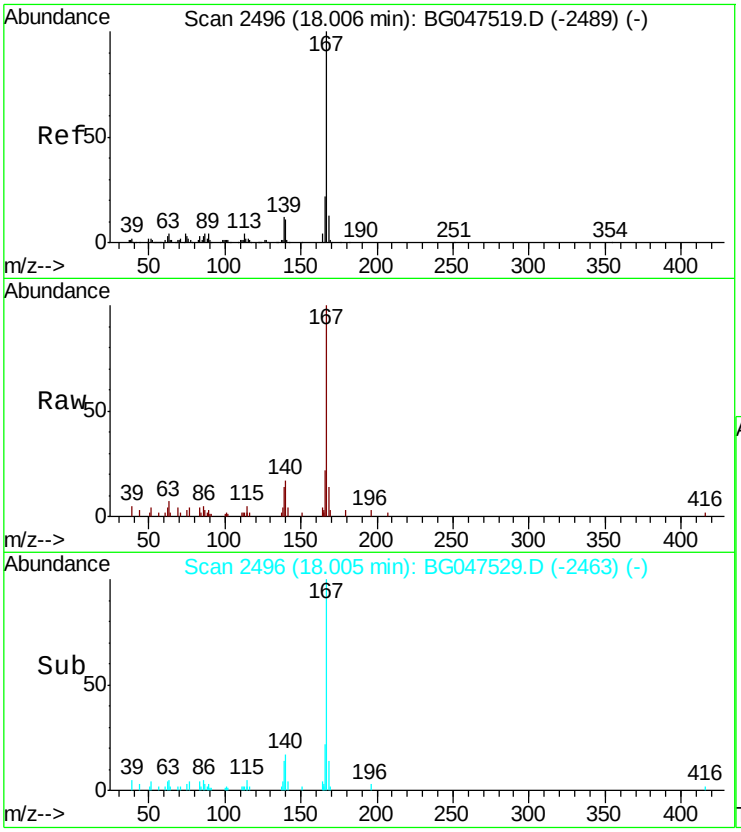


#72
Anthracene
Concen: 1.507 ng/ul m
RT: 17.75 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:178 Resp: 18258

Ion	Ratio	Lower	Upper
178	100		
179	18.2	11.7	17.5#
176	18.4	15.4	23.0

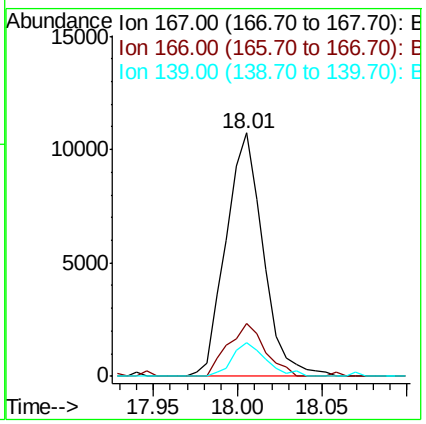




#75
Carbazole
Concen: 1.689 ng/ul
RT: 18.01 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:167 Resp: 16504

Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.2	28.8
139	13.6	10.0	15.0



Instrument :
BNA_G
ClientSampleId :
C0B77

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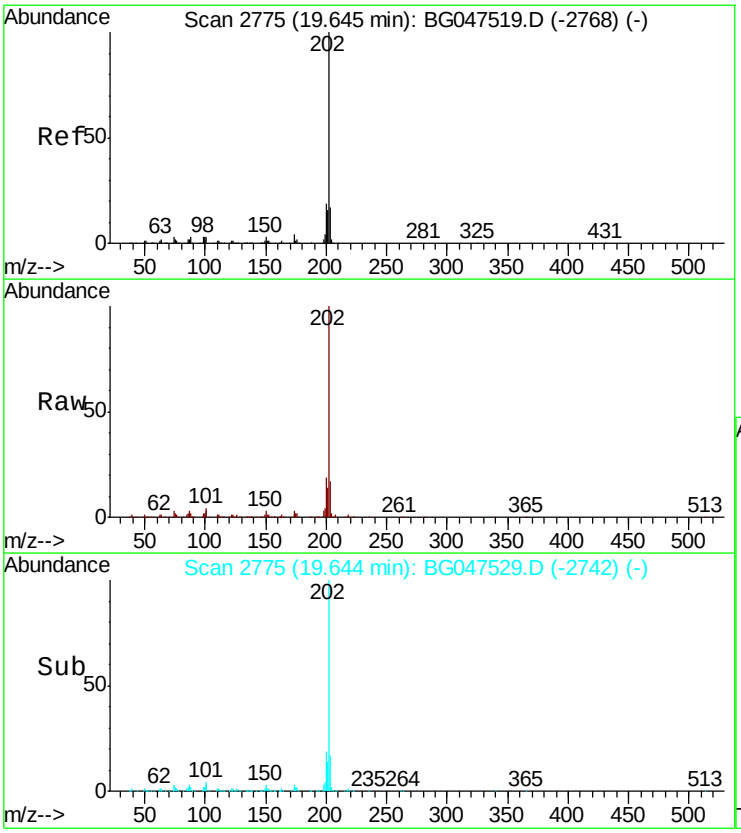
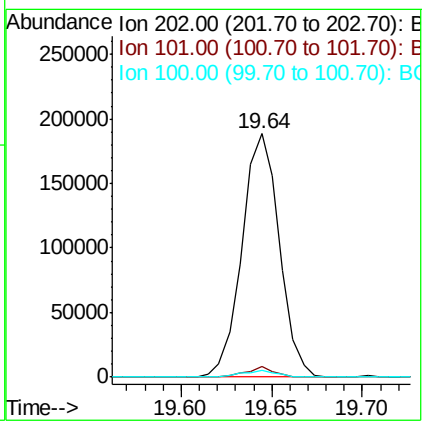
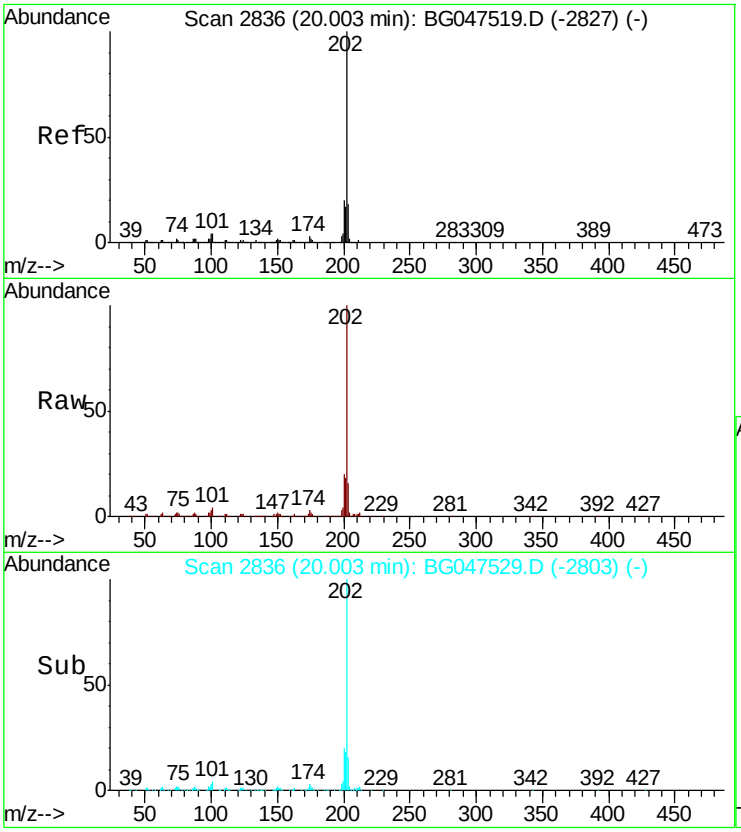


#77
Fluoranthene
Concen: 17.843 ng/ul
RT: 19.64 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:202 Resp: 271047

Ion	Ratio	Lower	Upper
202	100		
101	4.5	3.0	4.6
100	2.9	3.0	4.6#

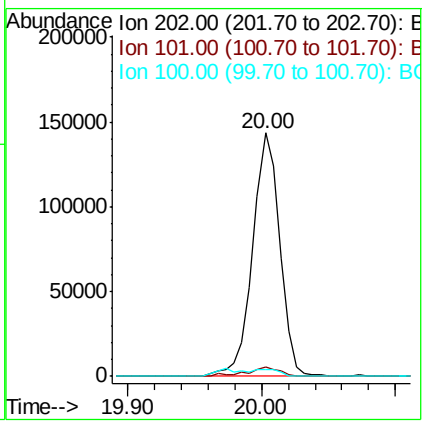




#80
Pyrene
Concen: 12.741 ng/ul
RT: 20.00 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:202 Resp: 200563

Ion	Ratio	Lower	Upper
202	100		
101	3.8	3.5	5.3
100	3.0	3.4	5.0#



Instrument :
BNA_G
ClientSampleId :
C0B77

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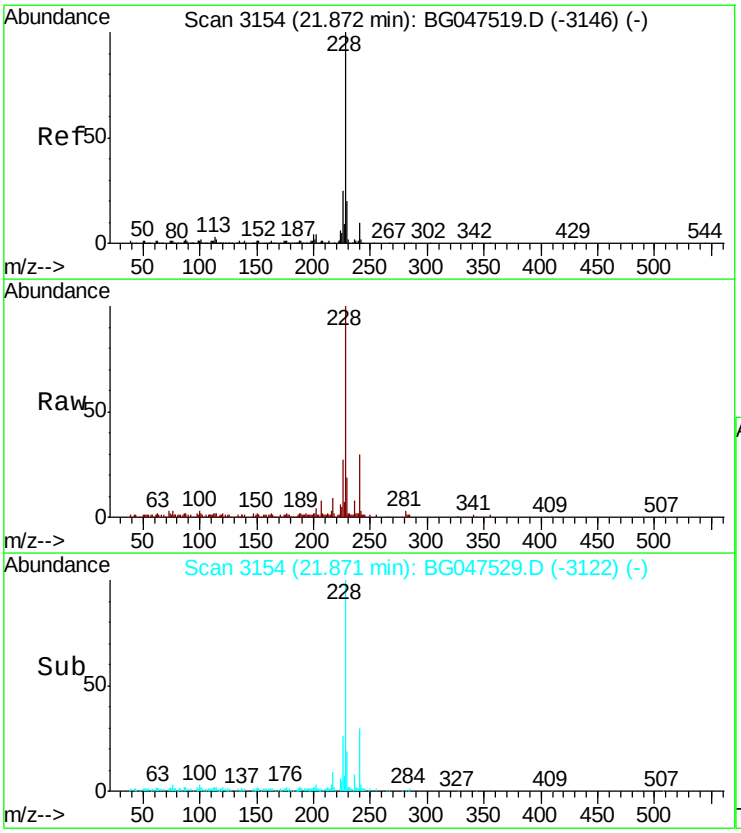
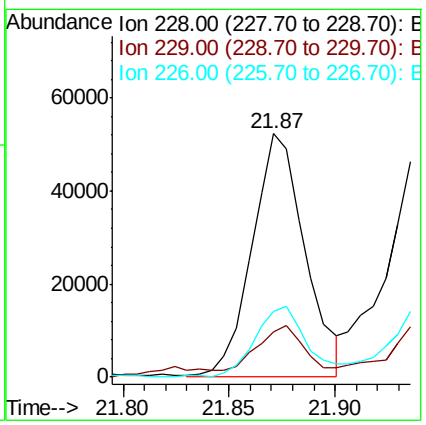
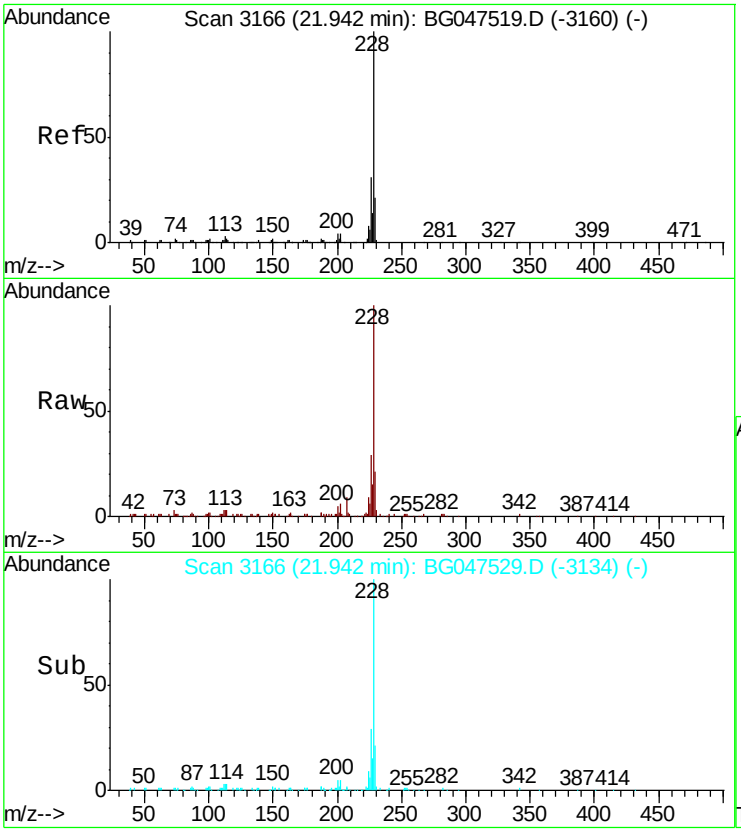


#83
Benzo(a)anthracene
Concen: 5.766 ng/ul
RT: 21.87 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:228 Resp: 91181

Ion	Ratio	Lower	Upper
228	100		
229	18.5	15.6	23.4
226	26.9	21.7	32.5

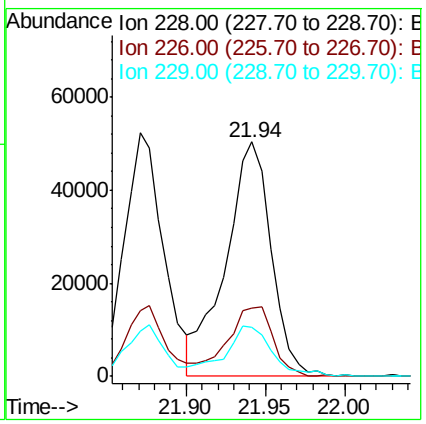




#85
Chrysene
Concen: 6.707 ng/ul
RT: 21.94 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:228 Resp: 100917

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	21.1	16.5	24.7



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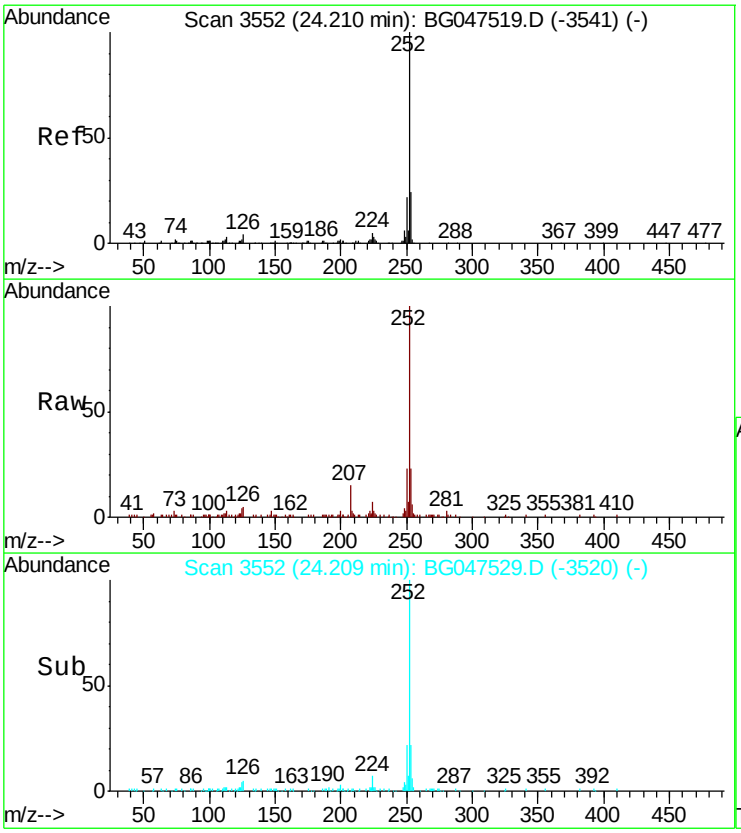
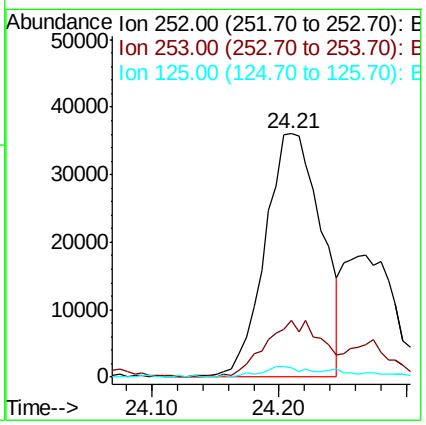
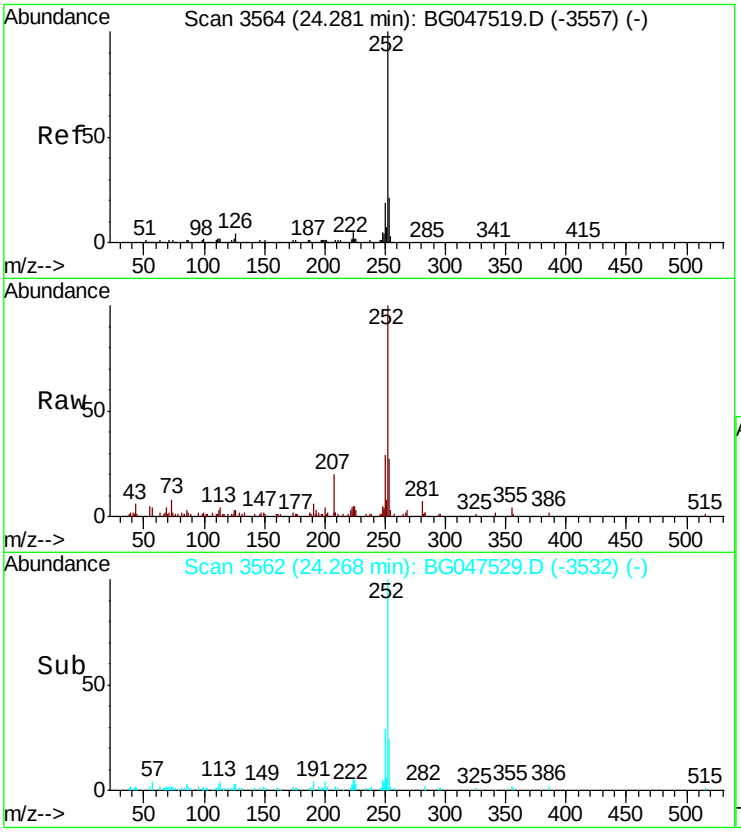


#88
Benzo(b)fluoranthene
Concen: 6.652 ng/ul
RT: 24.21 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:252 Resp: 110939

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.6	25.0
125	3.6	2.7	4.1

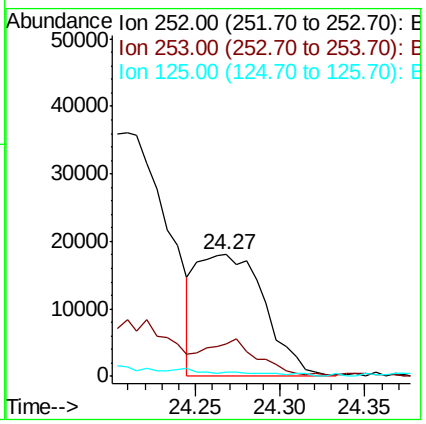




#89
Benzo(k)fluoranthene
Concen: 3.055 ng/ul
RT: 24.27 min Scan# 3562
Delta R.T. -0.03 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:252 Resp: 50215

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.4
125	3.1	2.2	3.2



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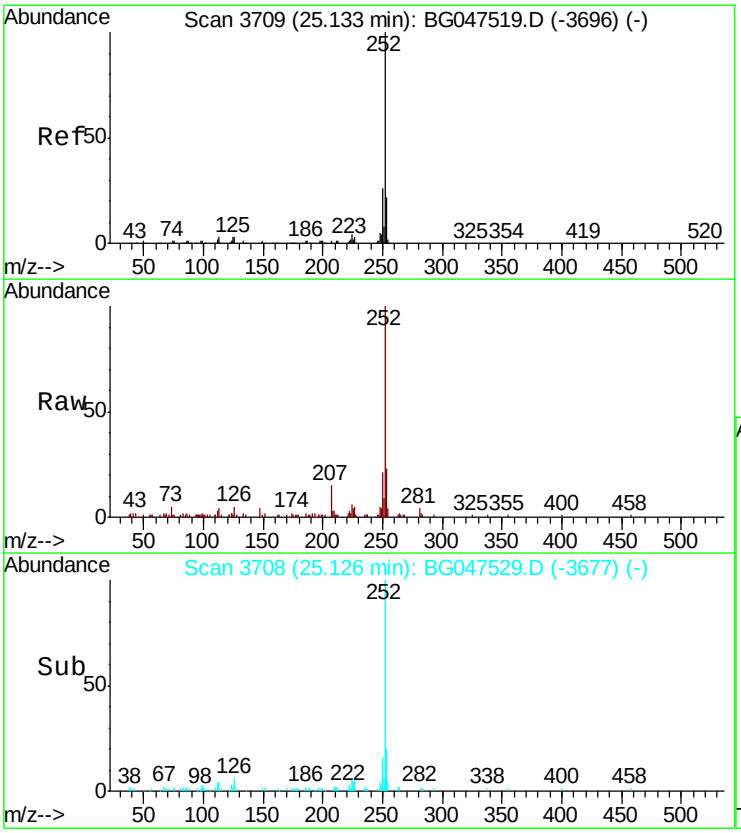
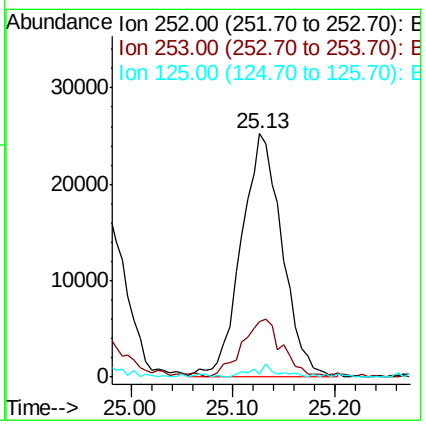
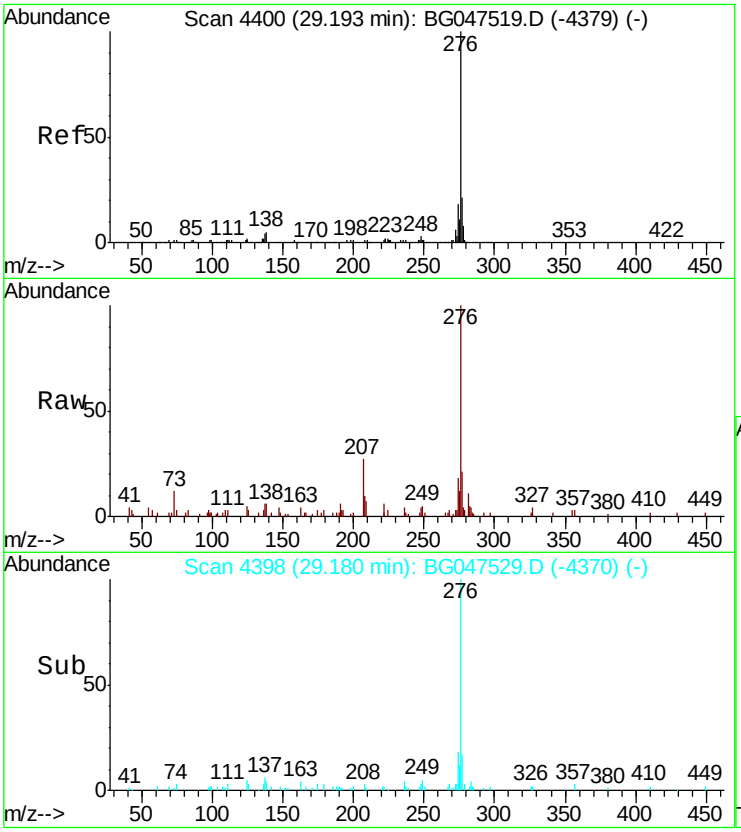


#91
Benzo(a)pyrene
Concen: 4.735 ng/ul m
RT: 25.13 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:252 Resp: 70403

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	1.3	3.1	4.7#

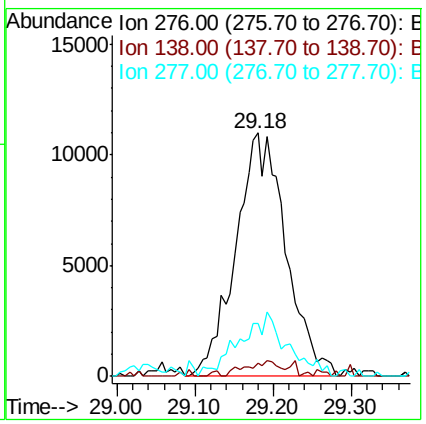




#92
Indeno(1,2,3-cd)pyrene
Concen: 2.713 ng/ul m
RT: 29.18 min Scan# 4398
Delta R.T. -0.04 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:276 Resp: 49059

Ion	Ratio	Lower	Upper
276	100		
138	5.7	5.0	7.6
277	21.5	16.5	24.7



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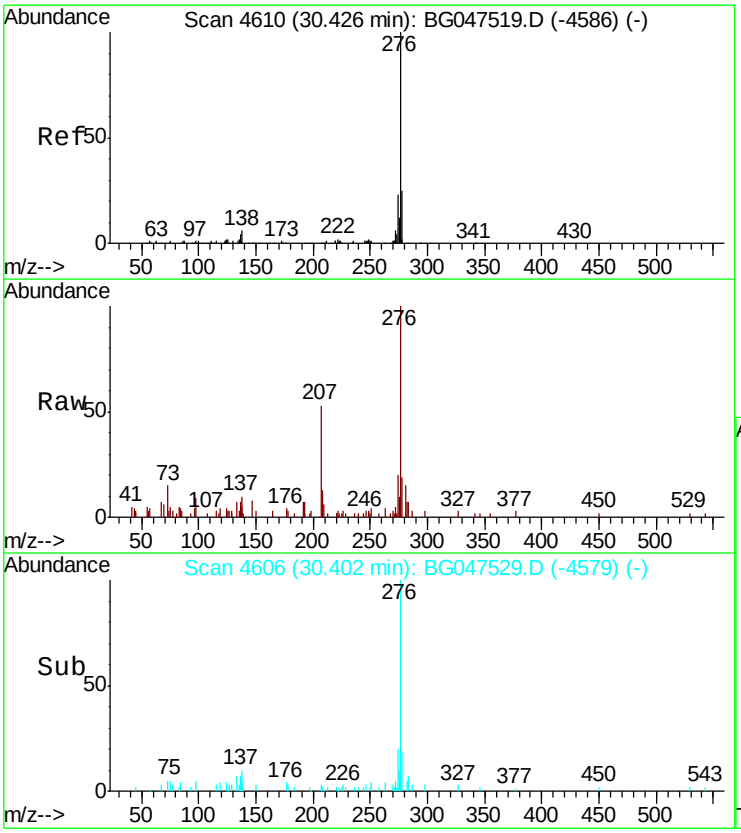

#94
Benzo(g,h,i)perylene
Concen: 2.674 ng/ul m
RT: 30.40 min Scan# 4606
Delta R.T. -0.04 min
Lab File: BG047529.D
Acq: 2 Dec 2020 13:21

Tgt Ion:276 Resp: 39909

Ion	Ratio	Lower	Upper
276	100		
138	4.6	5.8	8.6#
277	19.3	17.4	26.2