Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047680.D
Acq On : 9 Dec 2020 19:19
Operator : CG/JU
Sample : L4941-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AZ2

Quant Time: Dec 10 00:44:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	36696	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	137407	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	109525	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	274195	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	246113	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	261649	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	1628	2.36	ng/uL	0.00
5) Phenol-d5	7.36	99	36954	11.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	19410	12.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	31391	13.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	22245	8.92	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	14930	13.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	16992	12.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	34054	11.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	35862	13.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	117536	12.36	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	143265	13.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	15464	10.96	ng/ul	0.00
58) Fluorene-d10	15.82	176	108833	12.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	17167	9.25	ng/ul	0.00
71) Anthracene-d10	17.67	188	178054	13.02	ng/ul	0.00
79) Pyrene-d10	19.94	212	218002	14.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	211580	13.84	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	7081	2.386	ng/ul#	80
45) Dimethylphthalate	14.27	163	18552	1.925	ng/ul	97
70) Phenanthrene	17.62	178	45398	3.055	ng/ul	97
77) Fluoranthene	19.61	202	160419	8.483	ng/ul	99
80) Pyrene	19.97	202	134637	7.522	ng/ul#	98
83) Benzo(a)anthracene	21.83	228	72930	4.148	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.71	149	8798	1.053	ng/ul	93
85) Chrysene	21.90	228	68143	4.106	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	33523	1.835	ng/ul	98
89) Benzo(k)fluoranthene	24.21	252	33523	1.852	ng/ul	98
91) Benzo(a)pyrene	25.05	252	59145	3.591	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	29.06	276	41027	2.043	ng/ul	99
94) Benzo(g,h,i)perylene	30.27	276	20243	1.228	ng/ul#	85

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

Quantitation Report (Not Reviewed)

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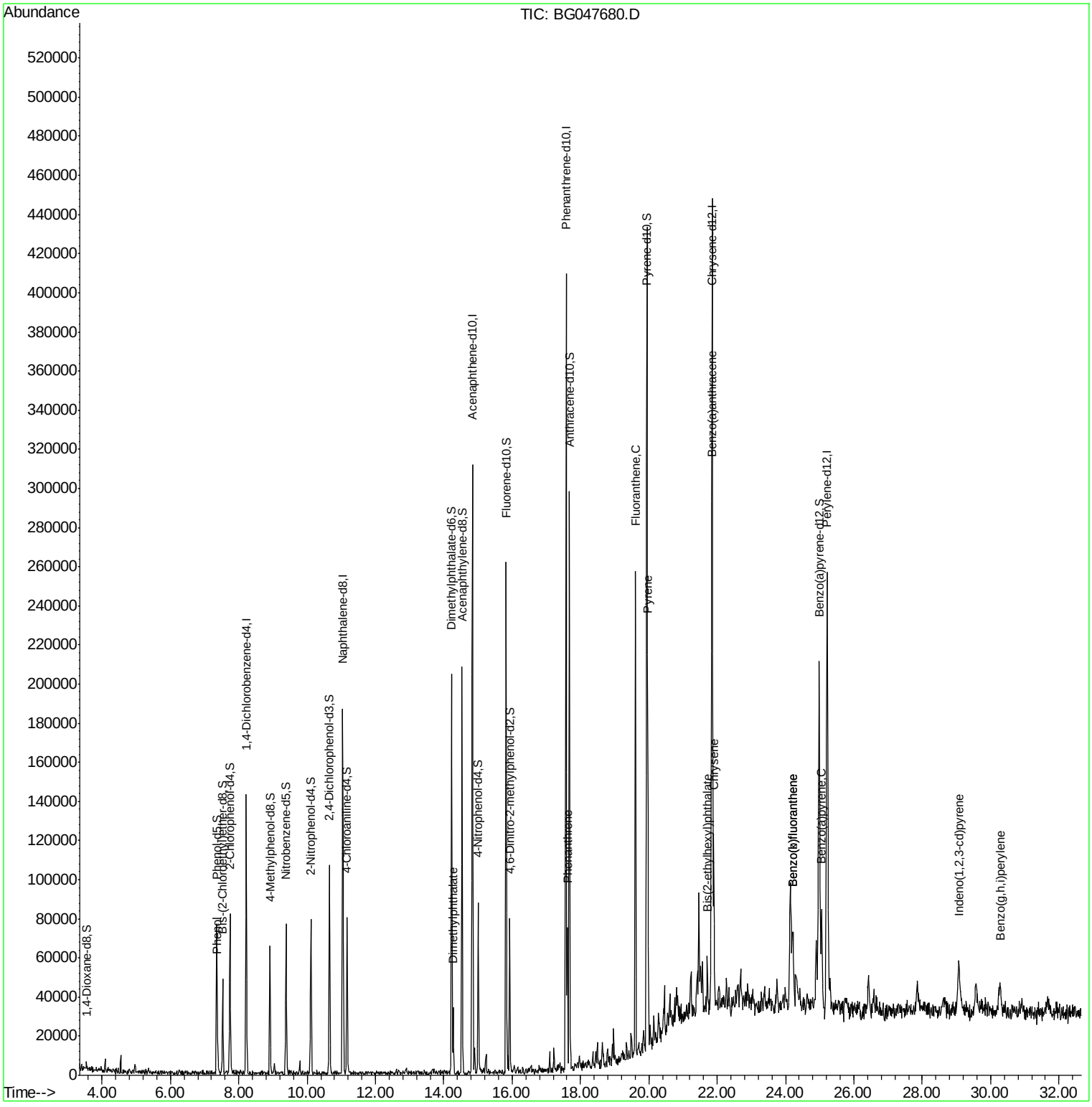
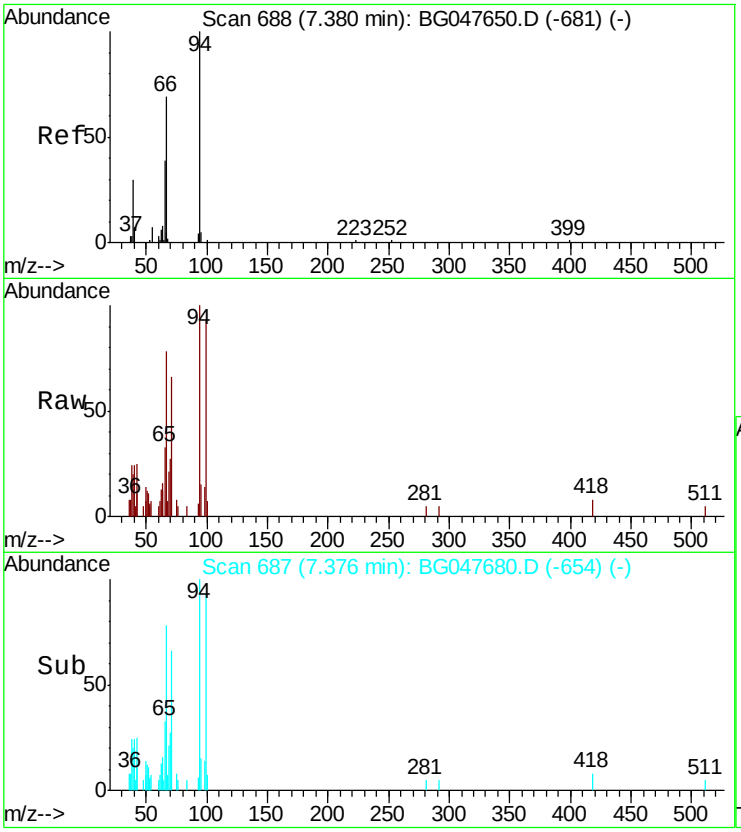
Sample : L4941-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AZ2

Quant Time: Dec 10 00:44:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration



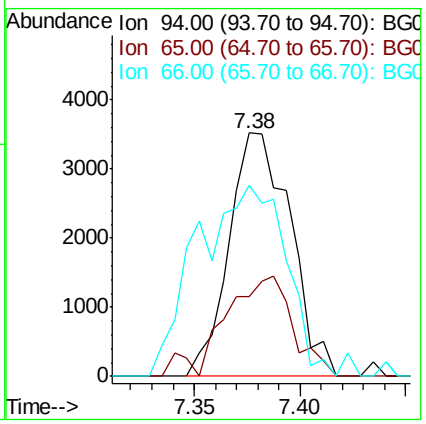


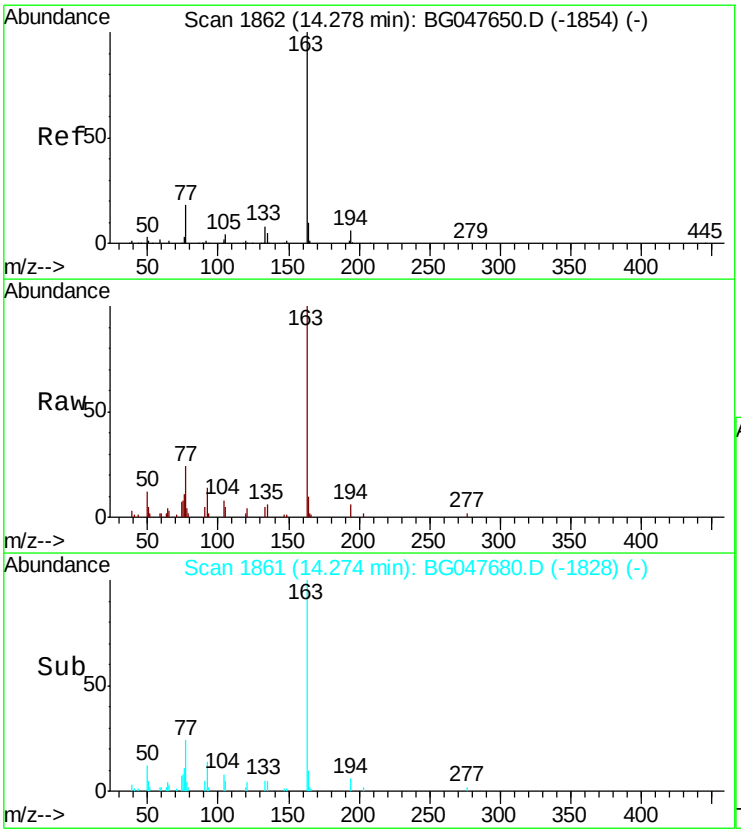
#6
Phenol
Concen: 2.386 ng/ul
RT: 7.38 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Tgt Ion: 94 Resp: 7081

Ion	Ratio	Lower	Upper
94	100		
65	32.6	35.9	53.9#
66	78.4	50.1	75.1#

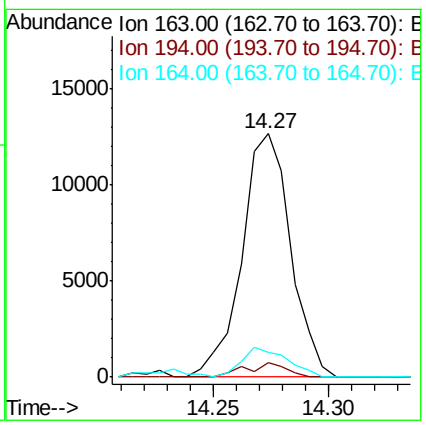


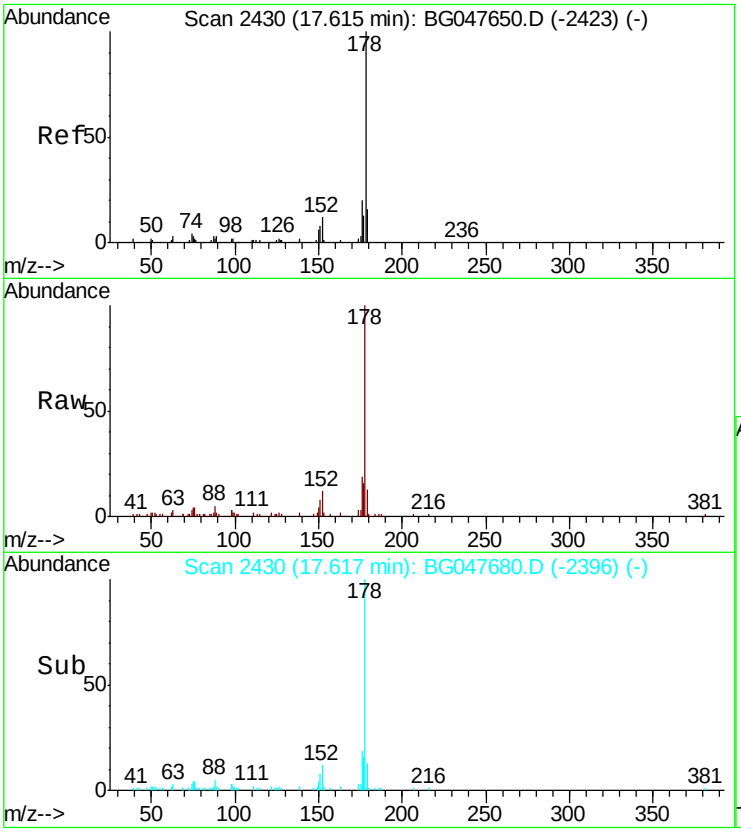


#45
Dimethylphthalate
Concen: 1.925 ng/ul
RT: 14.27 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Tgt Ion:163 Resp: 18552

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.9	5.9
164	10.4	7.4	11.2



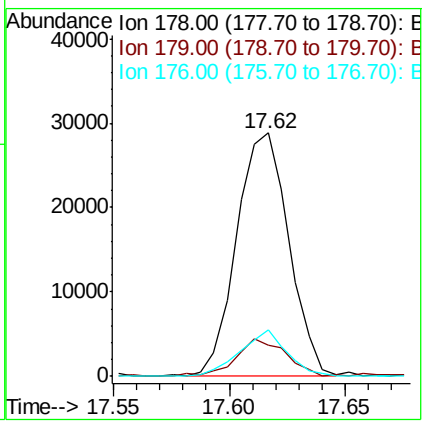


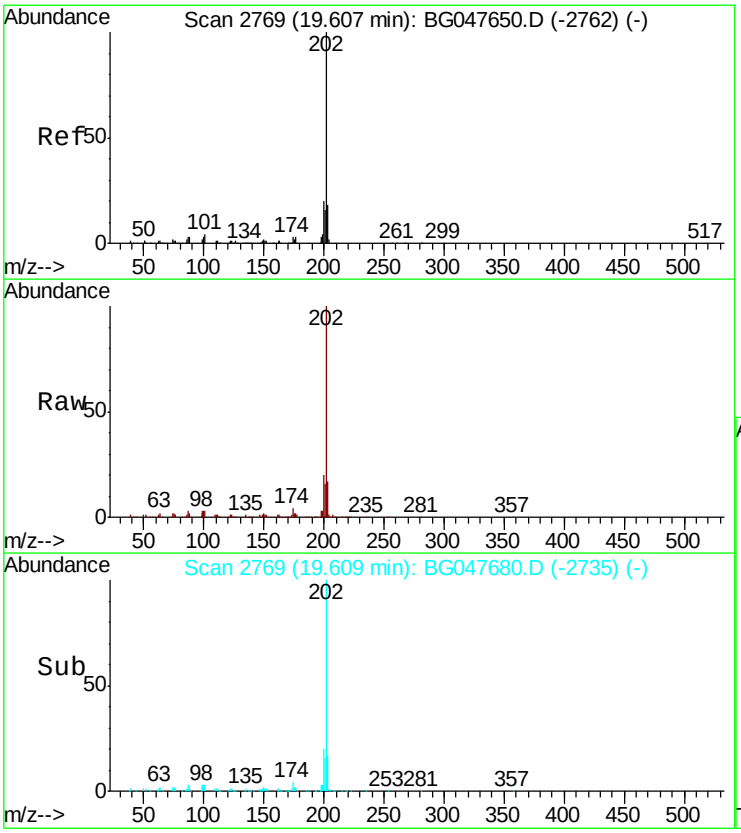
#70
Phenanthrene
Concen: 3.055 ng/ul
RT: 17.62 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Tgt Ion:178 Resp: 45398

Ion	Ratio	Lower	Upper
178	100		
179	12.7	11.6	17.4
176	19.2	15.8	23.8

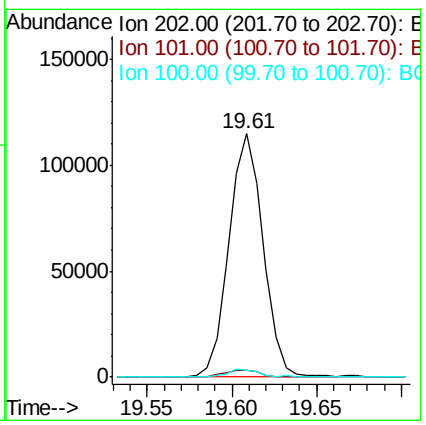


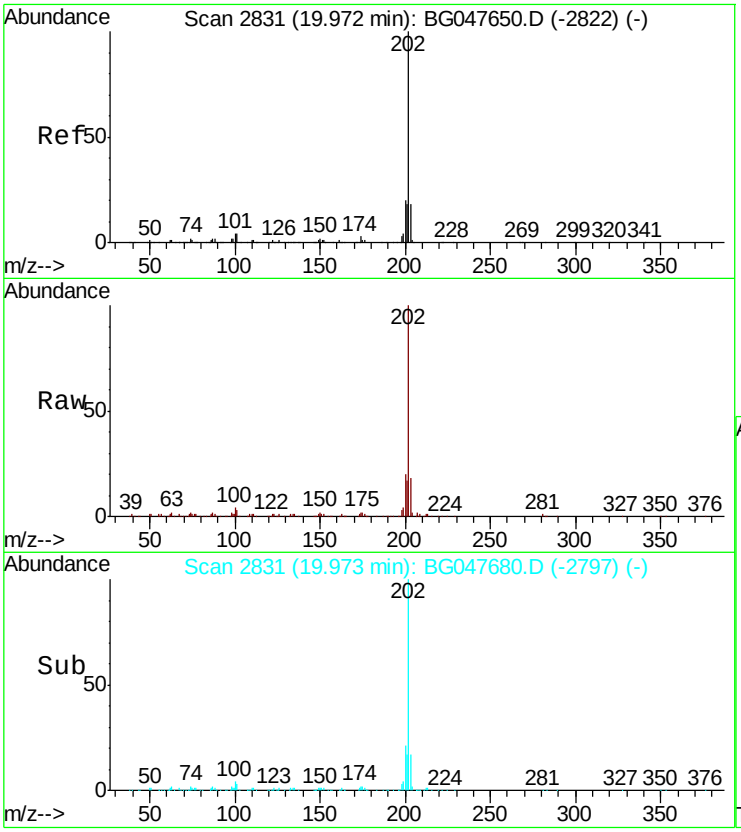


#77
Fluoranthene
Concen: 8.483 ng/ul
RT: 19.61 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Tgt Ion:202 Resp: 160419

Ion	Ratio	Lower	Upper
202	100		
101	2.6	2.4	3.6
100	3.0	2.6	3.8



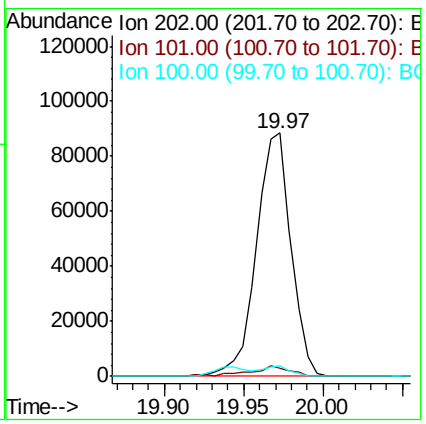


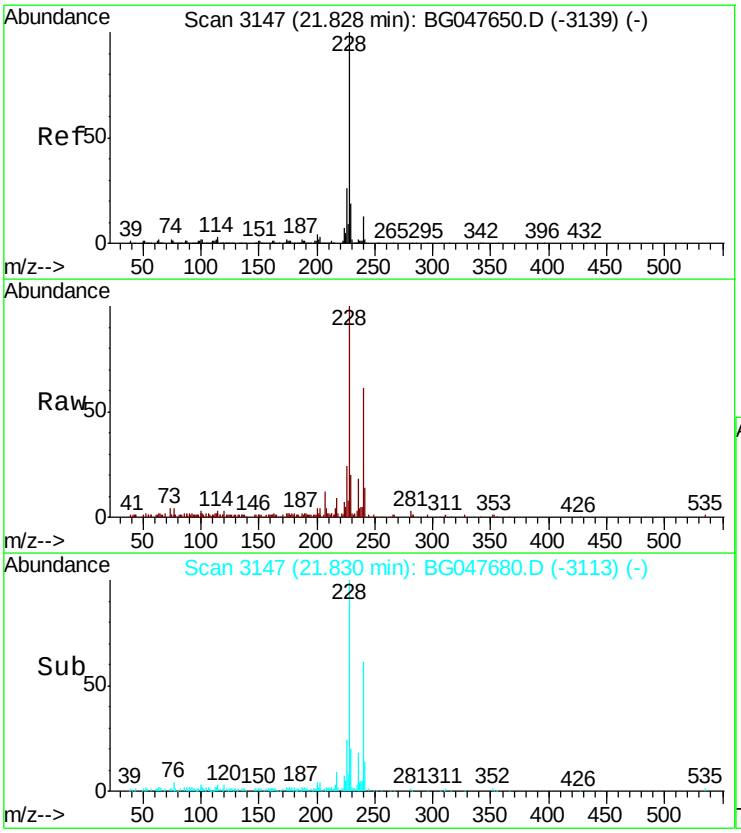
#80
Pyrene
Concen: 7.522 ng/ul
RT: 19.97 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Tgt Ion:202 Resp: 134637

Ion	Ratio	Lower	Upper
202	100		
101	3.4	2.5	3.7
100	4.3	2.4	3.6#

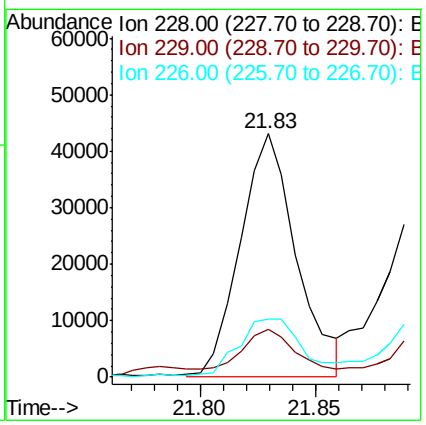


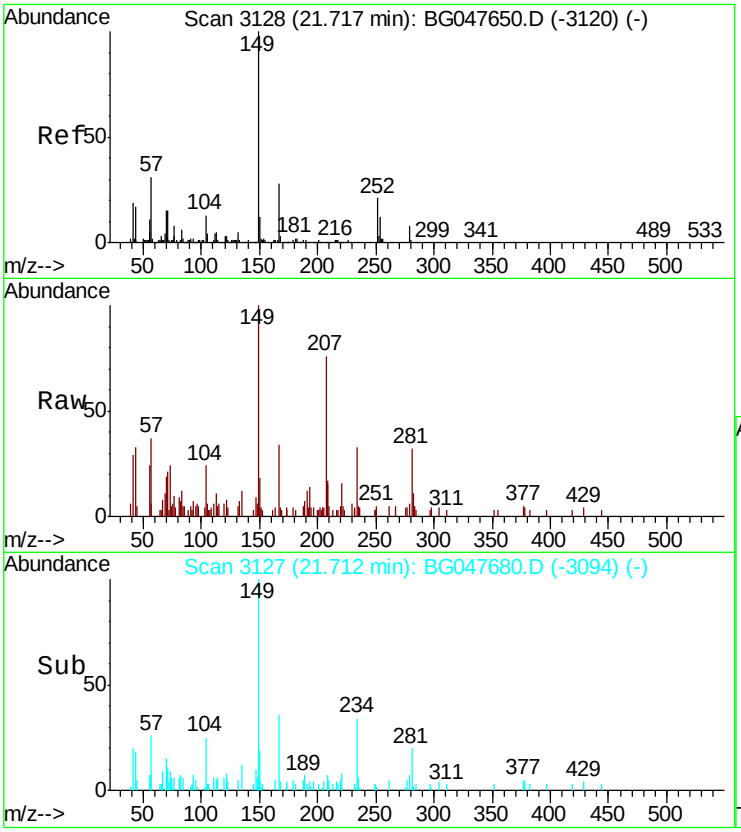


#83
Benzo(a)anthracene
Concen: 4.148 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Tgt Ion:228 Resp: 72930

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.0	24.0
226	23.6	22.4	33.6



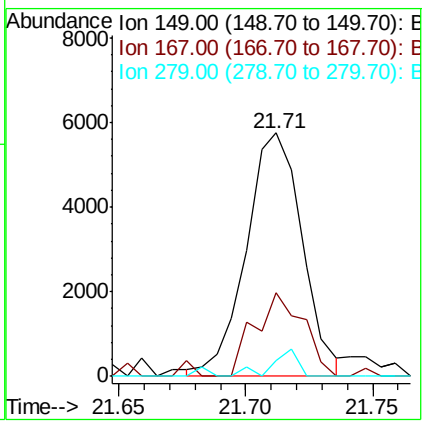


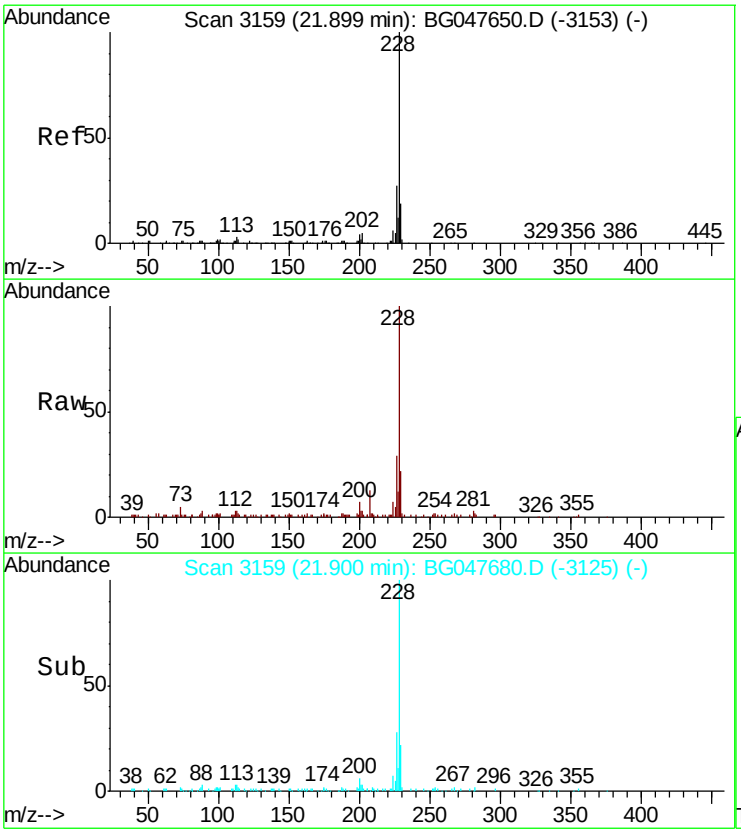
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.053 ng/ul
RT: 21.71 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Tgt Ion:149 Resp: 8798

Ion	Ratio	Lower	Upper
149	100		
167	34.5	23.8	35.6
279	6.3	5.3	7.9

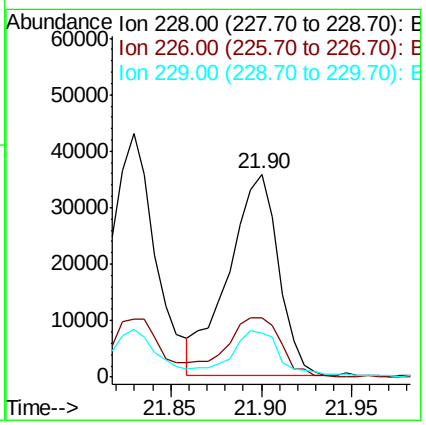


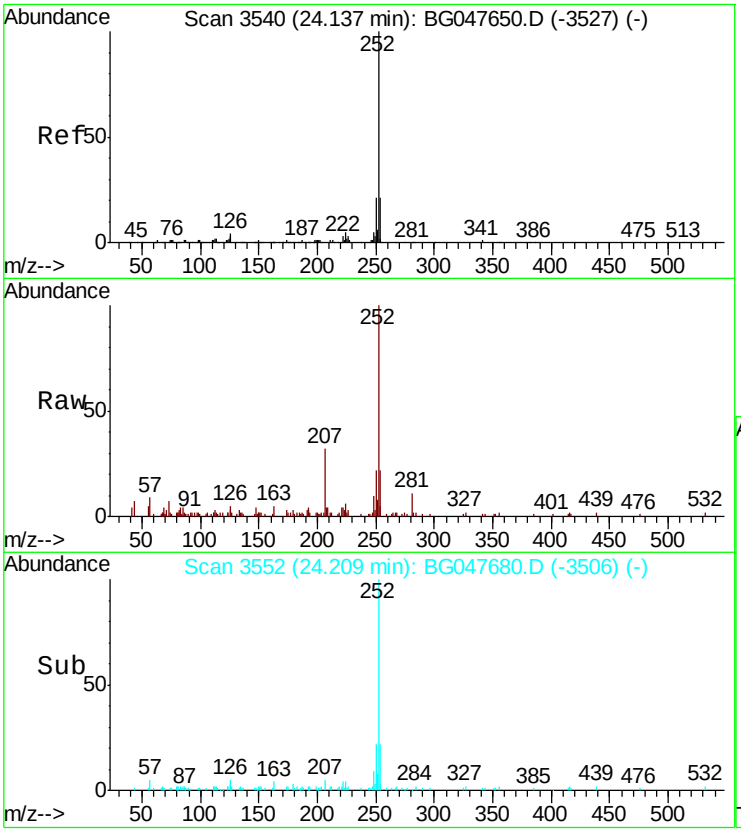


#85
Chrysene
Concen: 4.106 ng/ul
RT: 21.90 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Tgt Ion:228 Resp: 68143

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	21.8	15.8	23.8



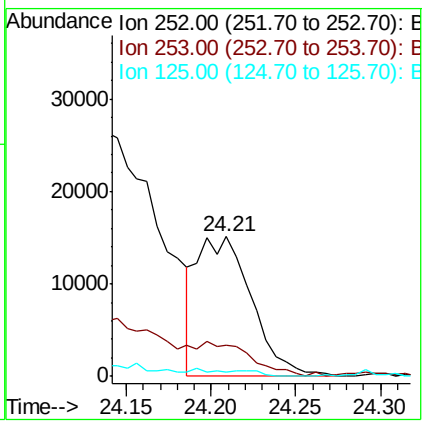


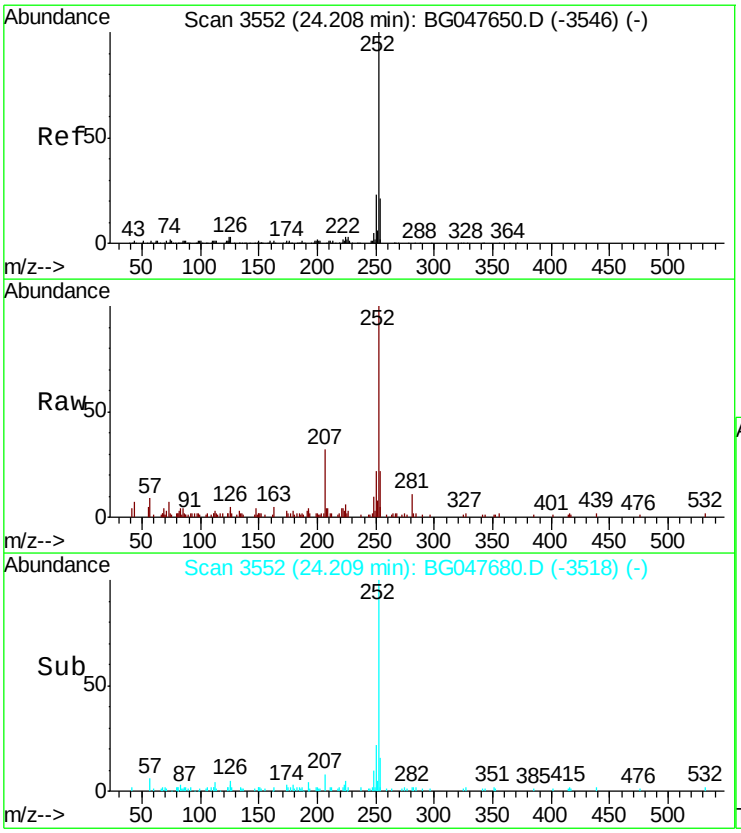
#88
Benzo(b)fluoranthene
Concen: 1.835 ng/ul
RT: 24.21 min Scan# 3552
Delta R.T. 0.07 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Tgt Ion:252 Resp: 33523

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	3.4	2.6	3.8

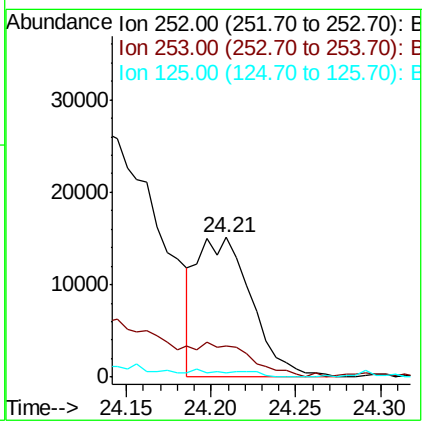


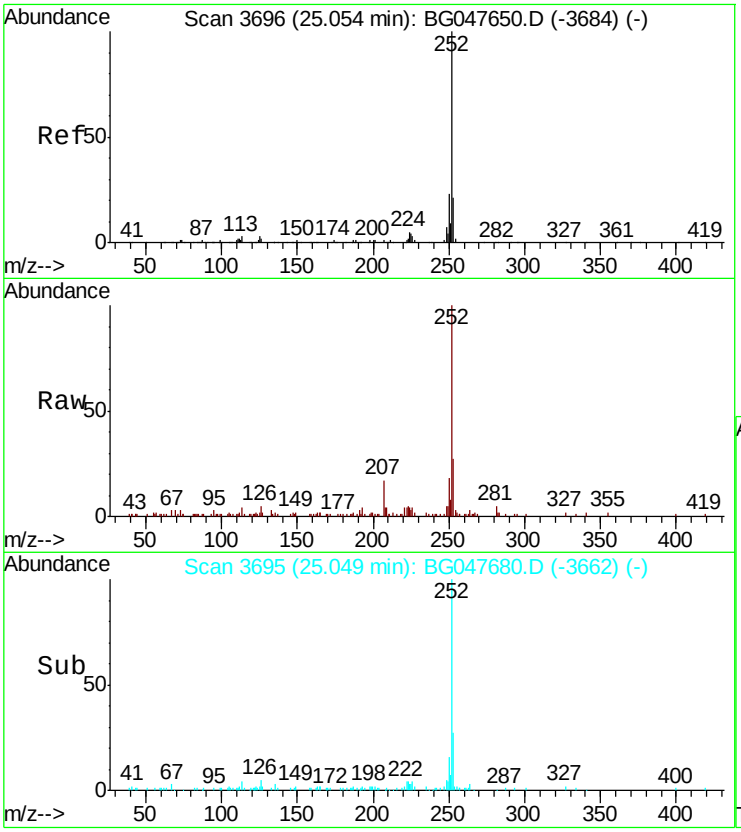


#89
Benzo(k)fluoranthene
Concen: 1.852 ng/ul
RT: 24.21 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Tgt Ion:252 Resp: 33523

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.9	25.3
125	3.4	2.2	3.4



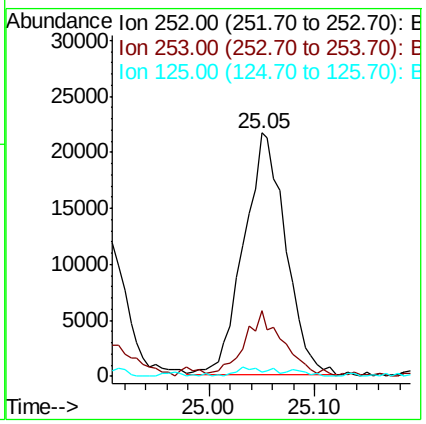


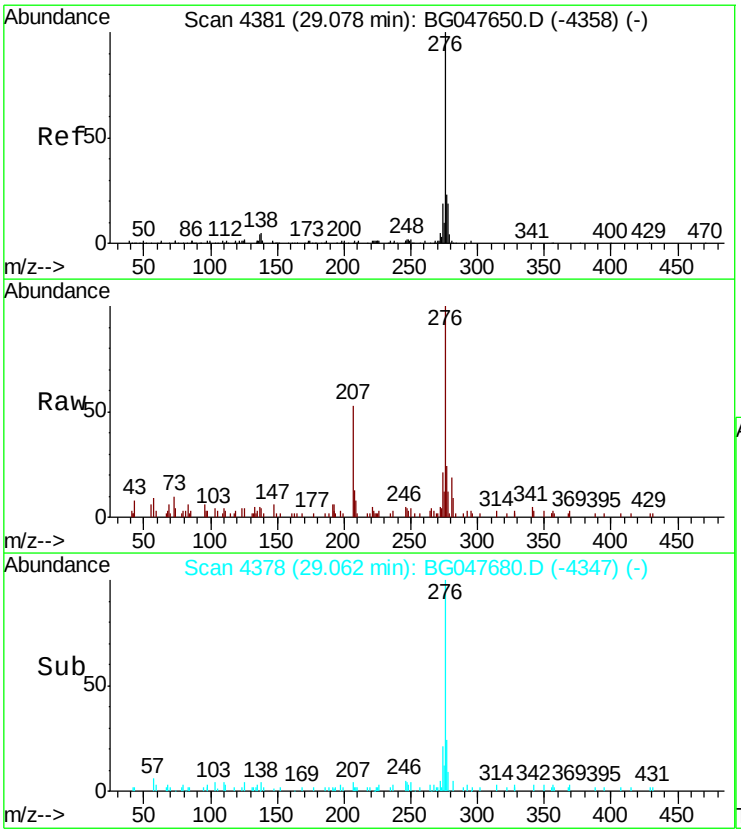
#91
Benzo(a)pyrene
Concen: 3.591 ng/ul
RT: 25.05 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Tgt Ion:252 Resp: 59145

Ion	Ratio	Lower	Upper
252	100		
253	27.0	16.9	25.3#
125	1.5	2.6	3.8#

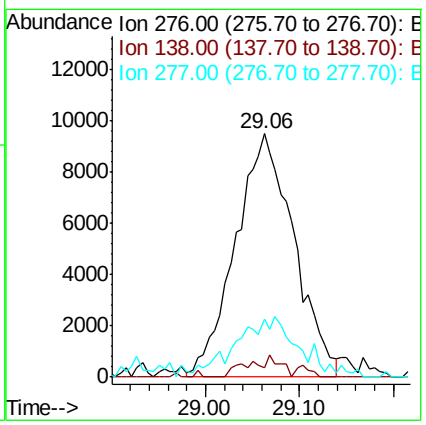


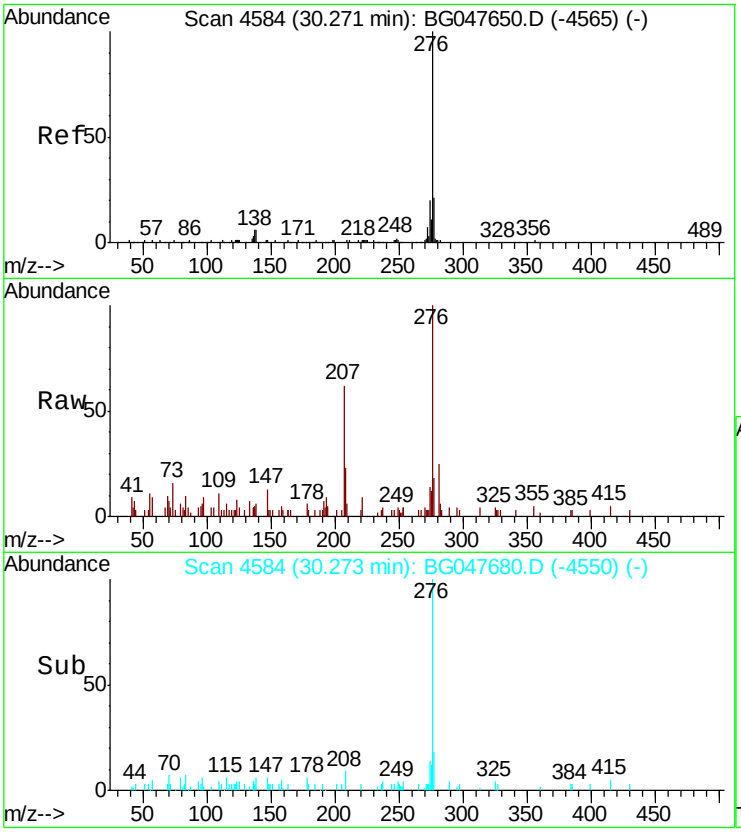


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.043 ng/ul
RT: 29.06 min Scan# 4378
Delta R.T. -0.02 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Tgt Ion:276 Resp: 41027

Ion	Ratio	Lower	Upper
276	100		
138	4.0	3.3	4.9
277	23.9	18.6	27.8





#94
Benzo(g,h,i)perylene
Concen: 1.228 ng/ul
RT: 30.27 min Scan# 4584
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Tgt Ion:276 Resp: 20243

Ion	Ratio	Lower	Upper
276	100		
138	5.7	4.7	7.1
277	17.9	21.9	32.9#