Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047576.D
Acq On : 4 Dec 2020 18:36
Operator : CG/JU
Sample : L4859-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B95

Quant Time: Dec 04 23:35:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 14:59:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	24448	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	99985	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	80846	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	206922	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	184864	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	199178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	648	0.96	ng/uL	0.00
5) Phenol-d5	7.39	99	17905	7.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	16730	11.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	17858	10.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	10600	5.63	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	11427	13.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	8841	9.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	20228	9.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	1512	0.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	71328	10.28	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	105581	13.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	1358	1.28	ng/ul	0.00
58) Fluorene-d10	15.85	176	84555	13.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	5368	4.56	ng/ul	0.00
71) Anthracene-d10	17.60	188	206922	20.16	ng/ul	-0.10
79) Pyrene-d10	19.96	212	160862	14.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	146337	12.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	4374	1.862	ng/ul#	81
45) Dimethylphthalate	14.30	163	23475	3.316	ng/ul	98
77) Fluoranthene	19.63	202	44811	3.175	ng/ul#	97
80) Pyrene	19.99	202	38689	2.955	ng/ul#	98
83) Benzo(a)anthracene	21.86	228	23574	1.792	ng/ul	97
85) Chrysene	21.86	228	23574	1.883	ng/ul	97
88) Benzo(b)fluoranthene	24.18	252	32228	2.292	ng/ul#	86
91) Benzo(a)pyrene	25.10	252	22656	1.807	ng/ul#	93

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

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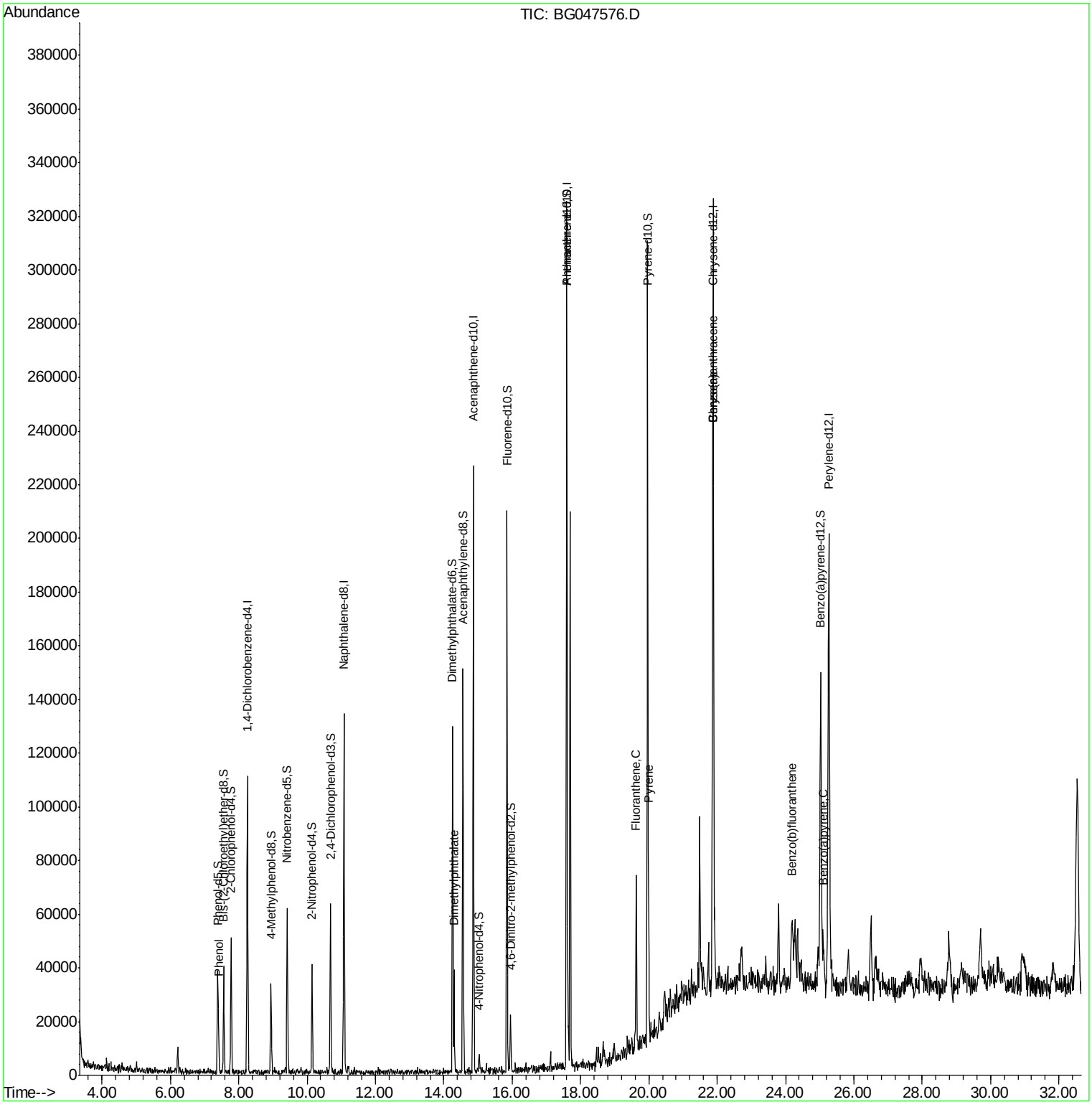
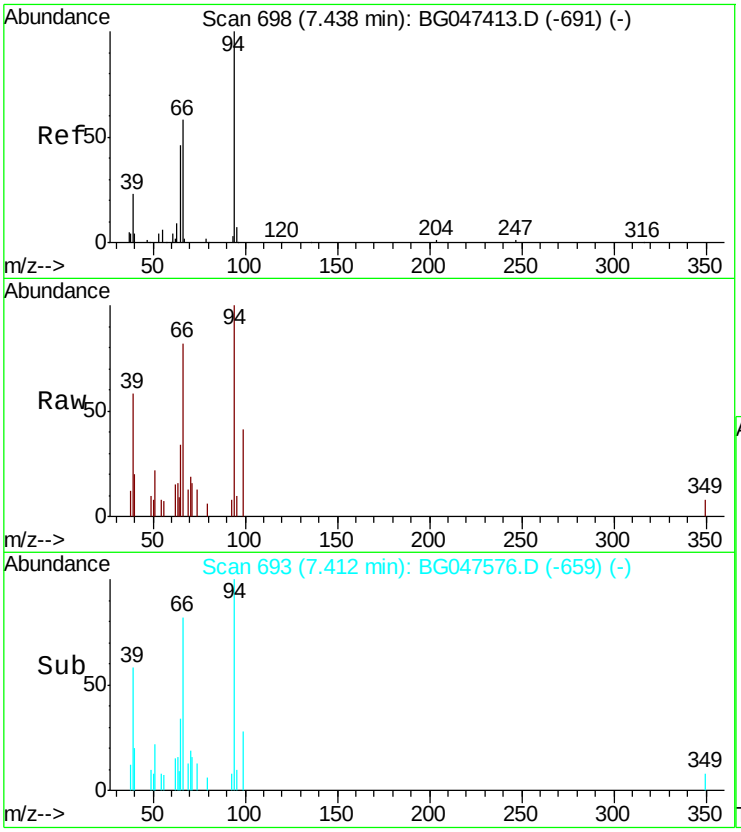


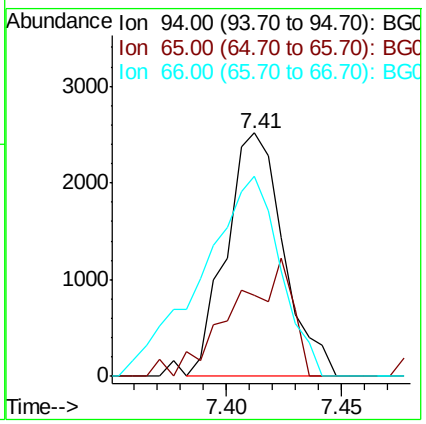


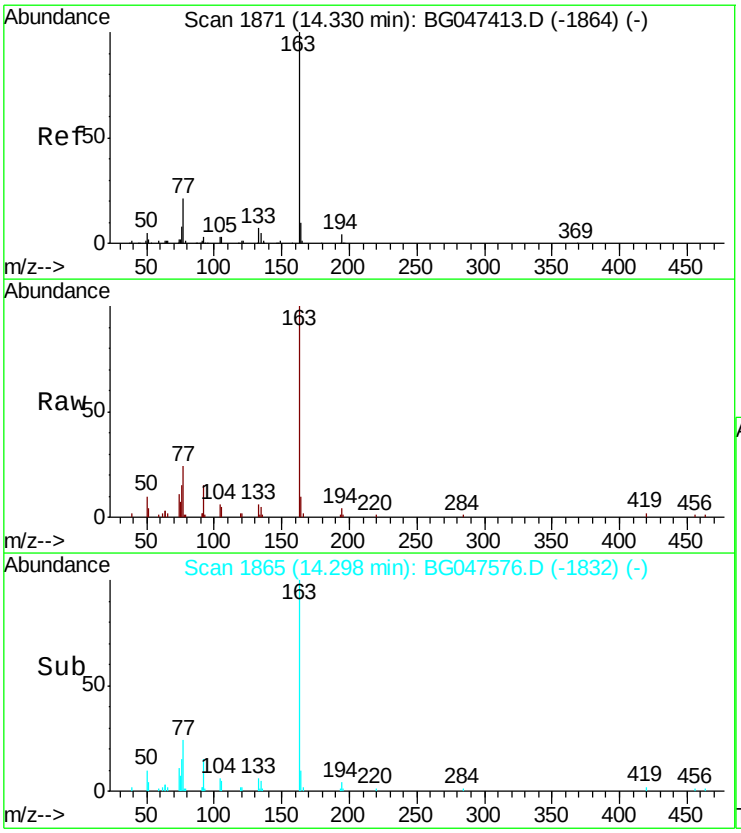
#6
Phenol
Concen: 1.862 ng/ul
RT: 7.41 min Scan# 693
Delta R.T. -0.00 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Instrument :
BNA_G
ClientSampleId :
C0B95

Tgt Ion: 94 Resp: 4374

Ion	Ratio	Lower	Upper
94	100		
65	33.5	34.9	52.3#
66	82.2	52.4	78.6#

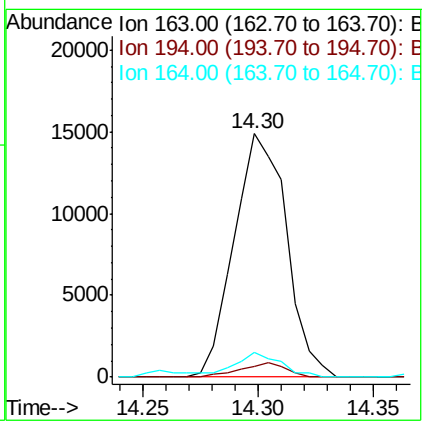


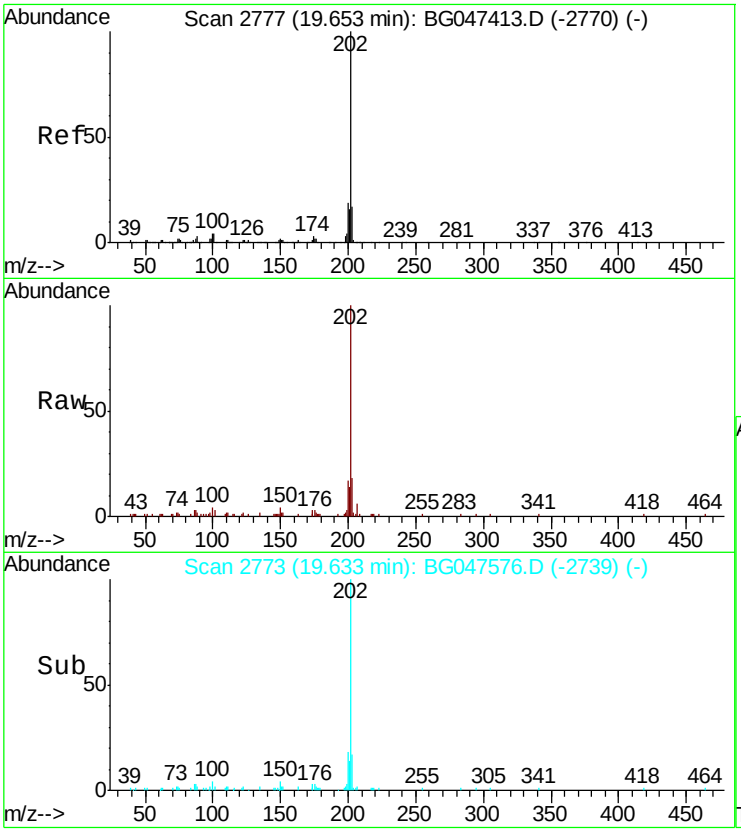


#45
Dimethylphthalate
Concen: 3.316 ng/ul
RT: 14.30 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Tgt Ion:163 Resp: 23475

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	10.0	8.6	13.0



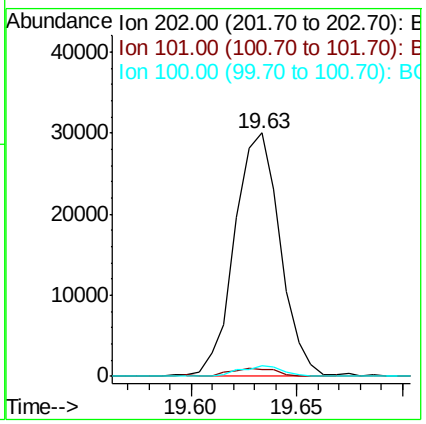


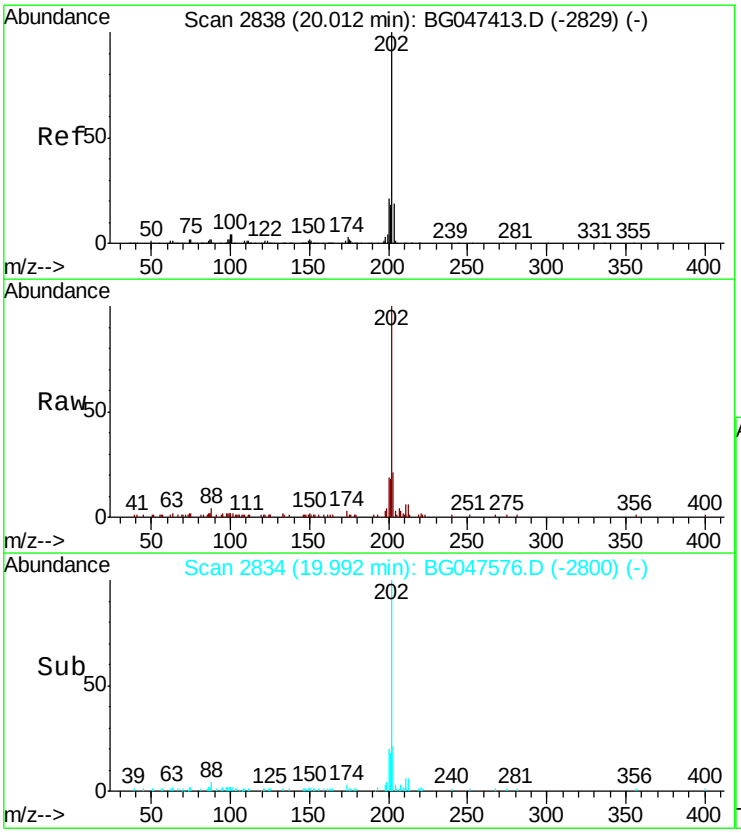
#77
Fluoranthene
Concen: 3.175 ng/ul
RT: 19.63 min Scan# 2773
Delta R.T. -0.00 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Instrument :
BNA_G
ClientSampleId :
C0B95

Tgt Ion:202 Resp: 44811

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.6	3.8
100	4.2	2.2	3.4#

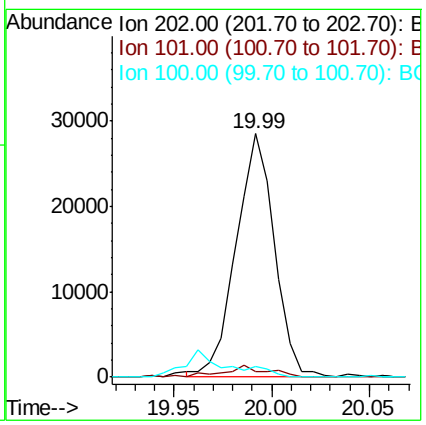


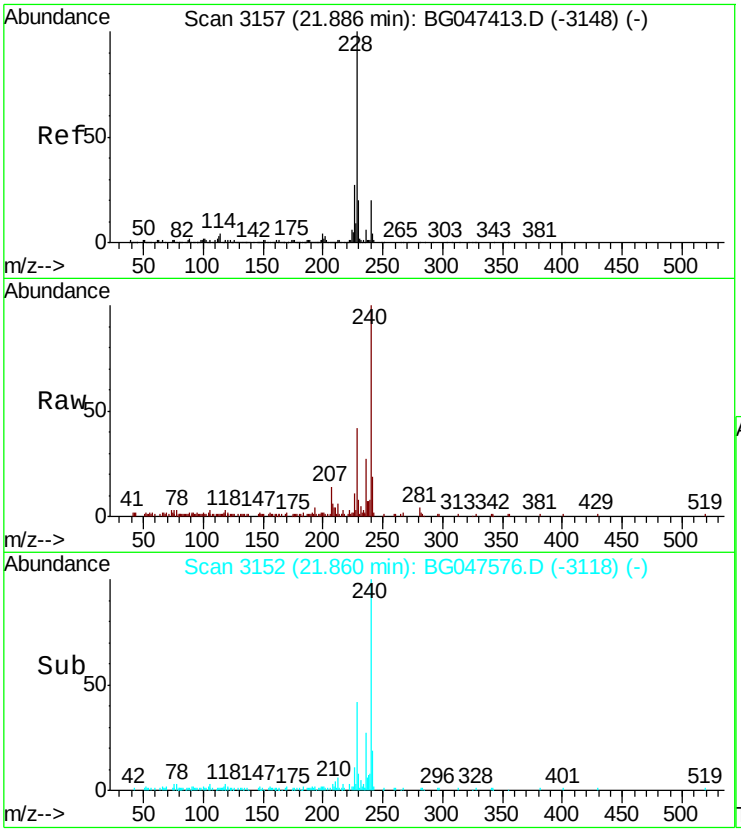


#80
Pyrene
Concen: 2.955 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Tgt Ion:202 Resp: 38689

Ion	Ratio	Lower	Upper
202	100		
101	2.3	2.6	4.0#
100	4.4	3.1	4.7



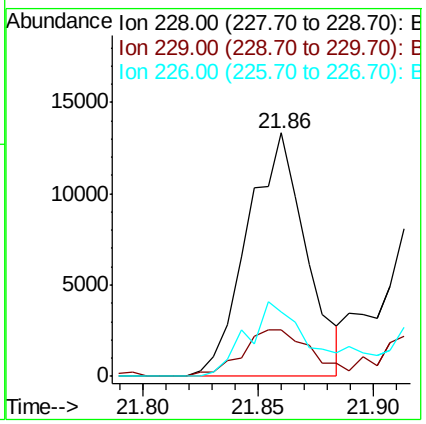


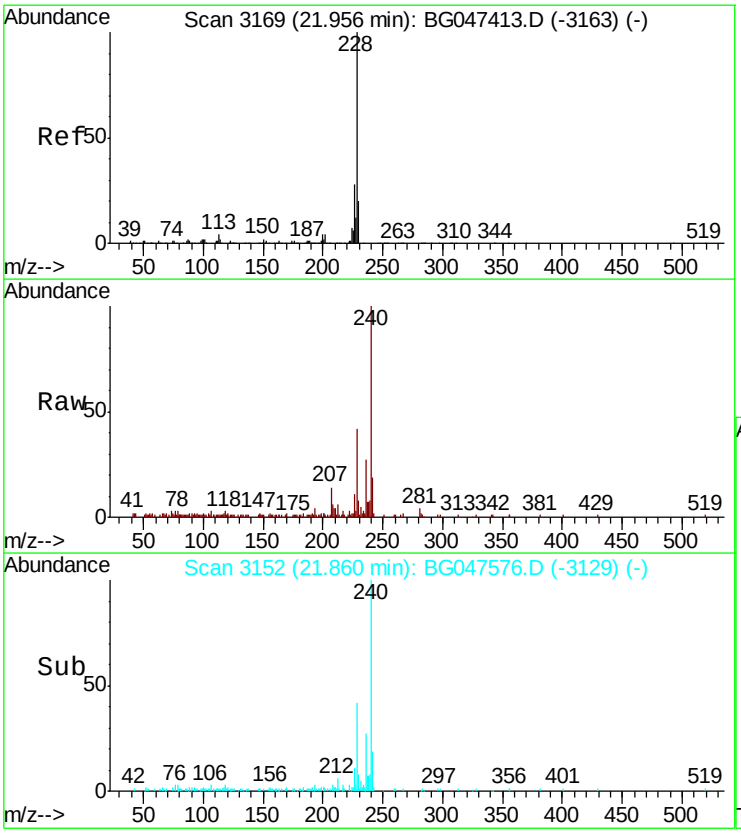
#83
Benzo(a)anthracene
Concen: 1.792 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Instrument :
BNA_G
ClientSampleId :
C0B95

Tgt Ion:228 Resp: 23574

Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.0	24.0
226	26.6	19.7	29.5

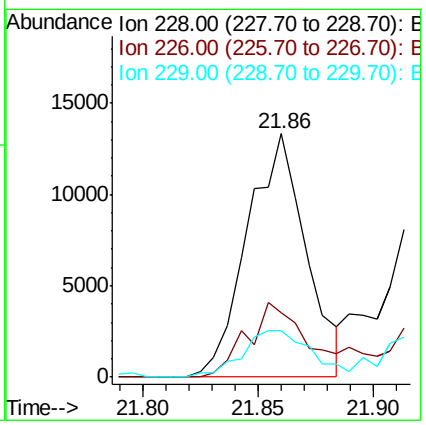


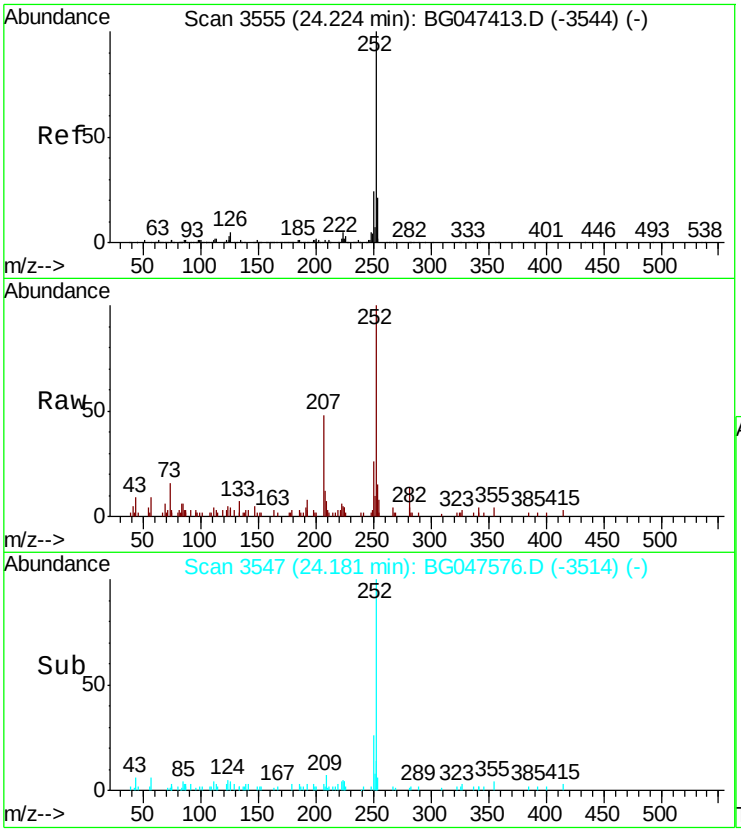


#85
Chrysene
Concen: 1.883 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.07 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Tgt Ion:228 Resp: 23574

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.2
229	19.1	15.6	23.4



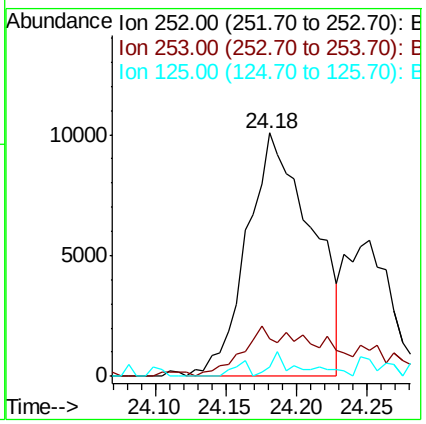


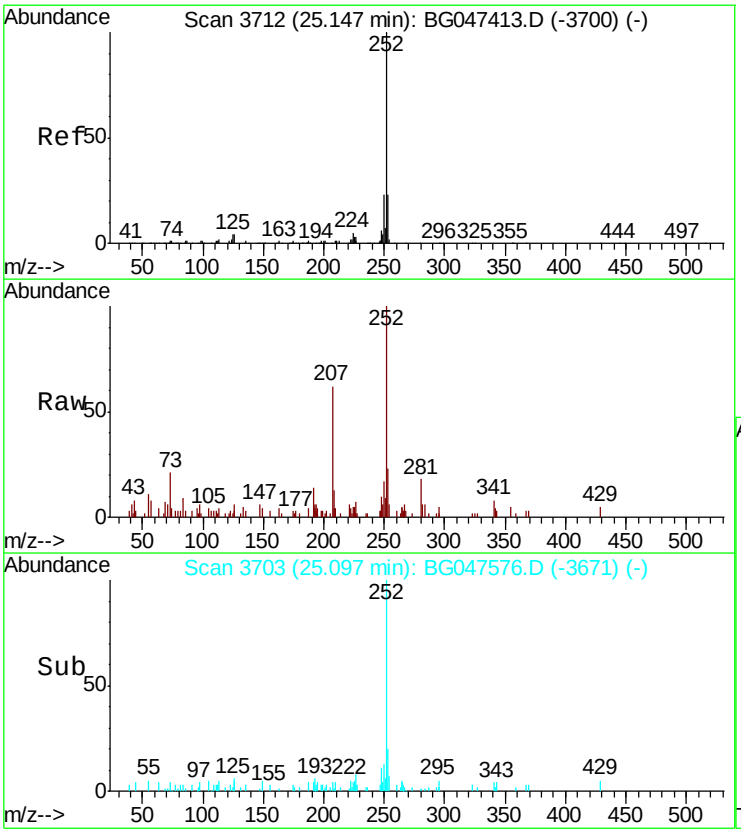
#88
Benzo(b)fluoranthene
Concen: 2.292 ng/ul
RT: 24.18 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Instrument :
BNA_G
ClientSampleId :
C0B95

Tgt Ion:252 Resp: 32228

Ion	Ratio	Lower	Upper
252	100		
253	15.5	18.0	27.0#
125	4.0	1.9	2.9#





#91
Benzo(a)pyrene
Concen: 1.807 ng/ul
RT: 25.10 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG047576.D
Acq: 4 Dec 2020 18:36

Tgt Ion:252 Resp: 22656

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.2	24.4
125	7.9	1.8	2.6#