Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047385.D
Acq On : 20 Nov 2020 21:41
Operator : CG/JU
Sample : L4711-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B01

Quant Time: Nov 21 01:30:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	42718	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	164969	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	119489	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	284540	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	258069	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	271120	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	4035	3.43	ng/uL	0.00
5) Phenol-d5	7.40	99	99919	23.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	55563	22.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	68139	23.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	78886	23.96	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	34055	24.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	40440	27.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	85838	25.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	90156	26.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	269349	26.26	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	324148	27.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	41071	26.24	ng/ul	0.00
58) Fluorene-d10	15.87	176	241993	25.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	39303	24.27	ng/ul	0.00
71) Anthracene-d10	17.72	188	377674	26.76	ng/ul	0.00
79) Pyrene-d10	19.98	212	404180	26.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	404216	25.90	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	101380	9.689	ng/ul#	97
70) Phenanthrene	17.66	178	22979	1.495	ng/ul#	91
77) Fluoranthene	19.65	202	57849	2.981	ng/ul	98
80) Pyrene	20.01	202	48941	2.677	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	29532	1.608	ng/ul	96
85) Chrysene	21.88	228	29532	1.690	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	23791	1.243	ng/ul#	97

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

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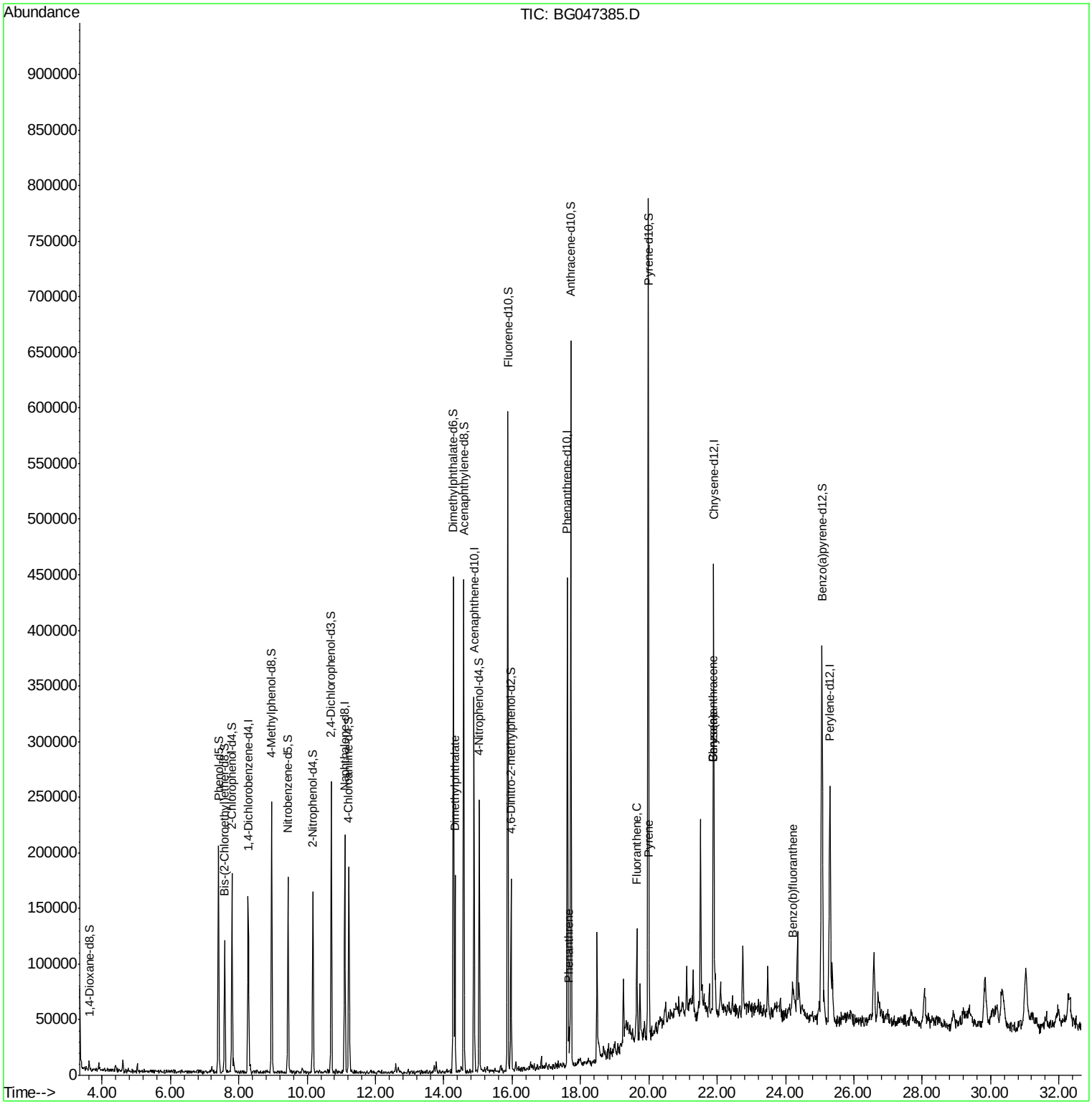
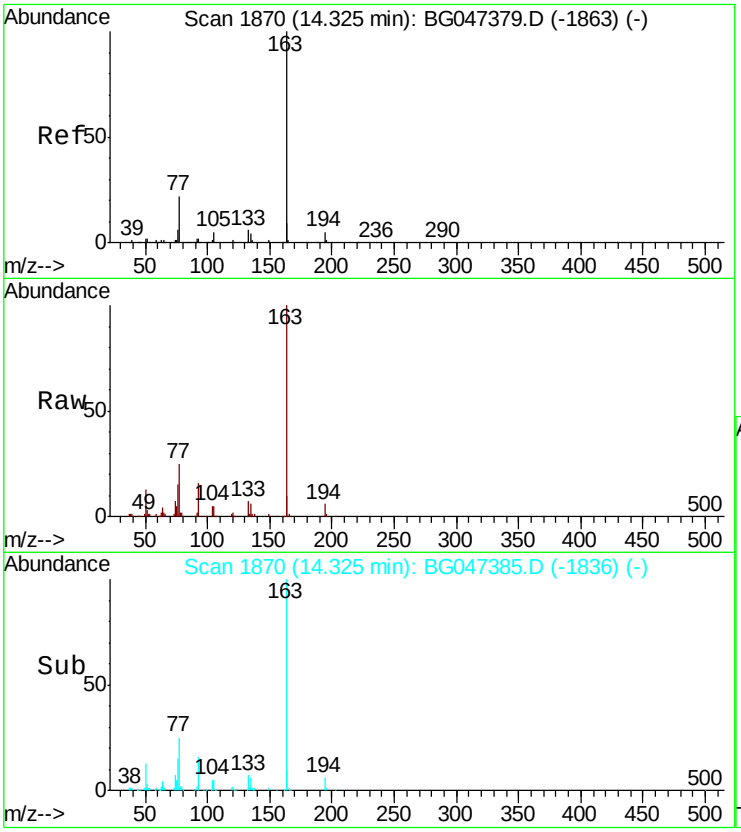


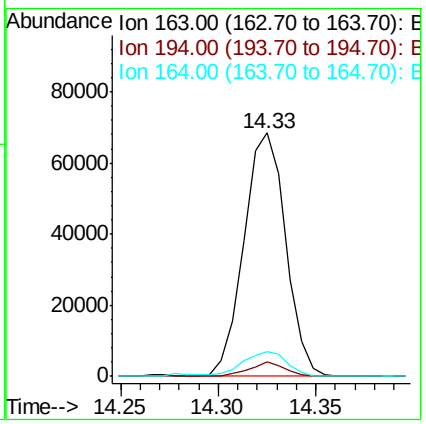


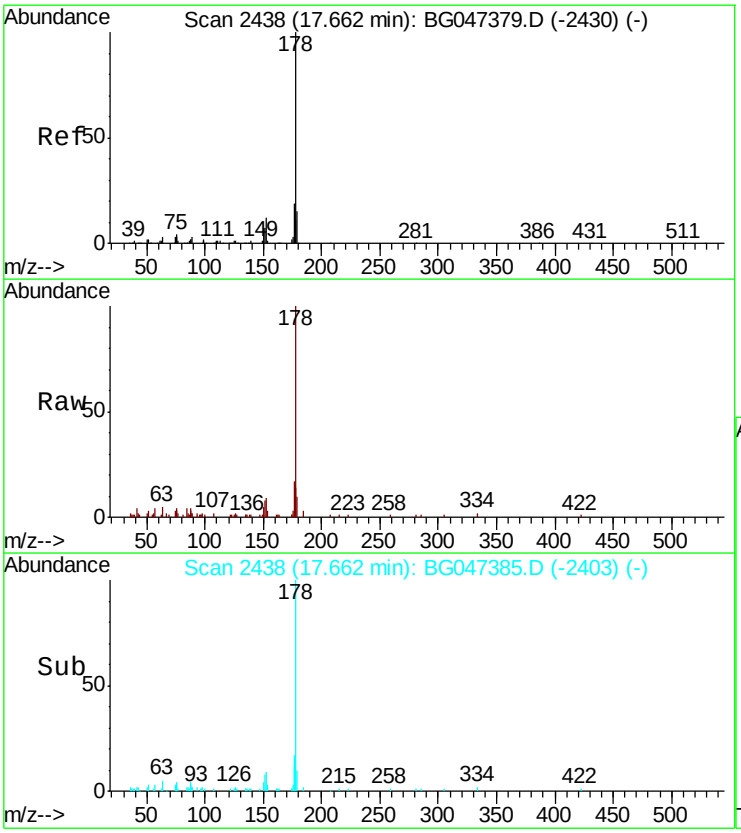
#45
Dimethylphthalate
Concen: 9.689 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG047385.D
Acq: 20 Nov 2020 21:41

Instrument :
BNA_G
ClientSampleId :
C0B01

Tgt Ion:163 Resp: 101380

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	10.2	8.8	13.2

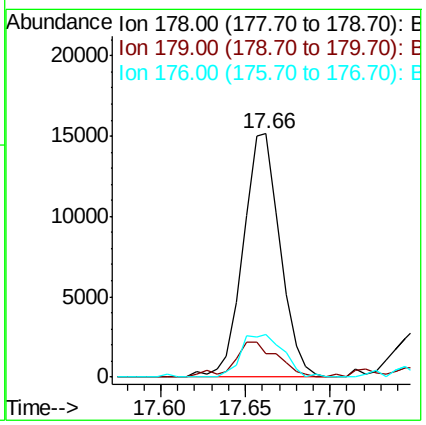


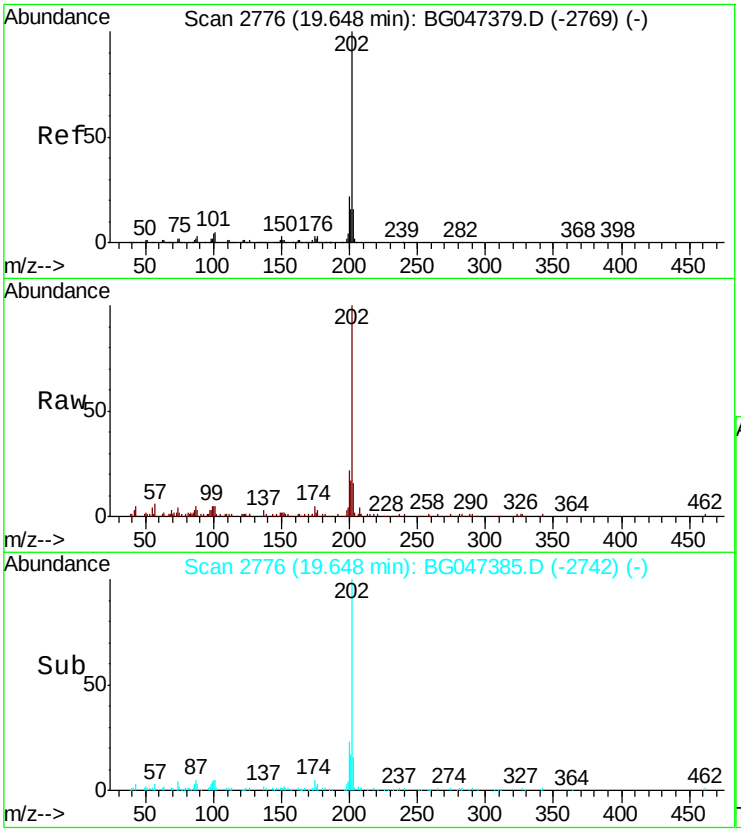


#70
Phenanthrene
Concen: 1.495 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG047385.D
Acq: 20 Nov 2020 21:41

Tgt Ion:178 Resp: 22979

Ion	Ratio	Lower	Upper
178	100		
179	9.8	12.8	19.2#
176	17.5	15.7	23.5



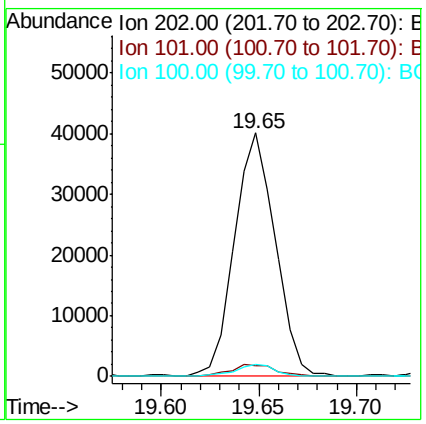


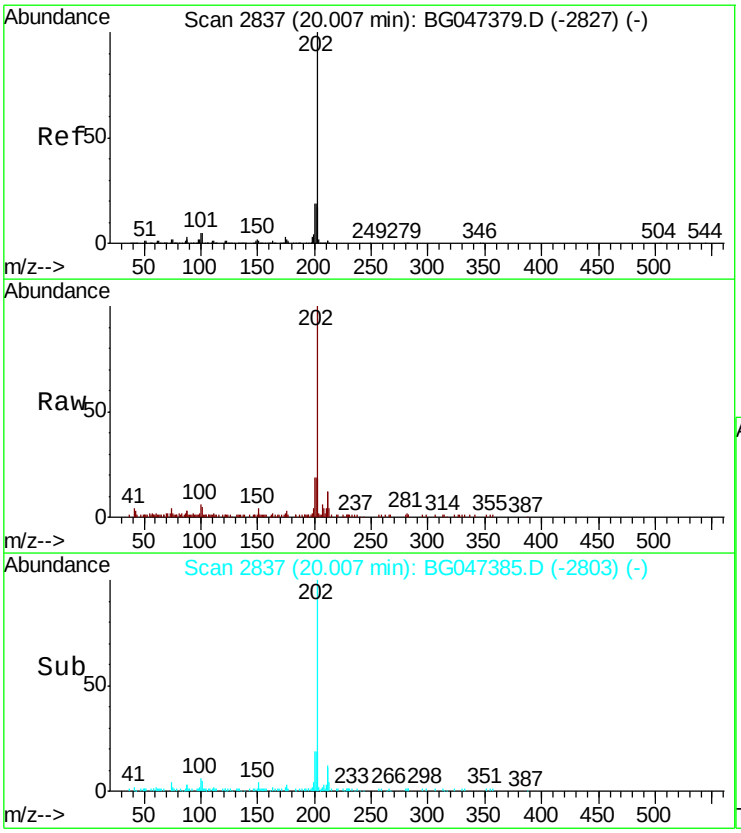
#77
Fluoranthene
Concen: 2.981 ng/ul
RT: 19.65 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG047385.D
Acq: 20 Nov 2020 21:41

Instrument :
BNA_G
ClientSampleId :
C0B01

Tgt Ion:202 Resp: 57849

Ion	Ratio	Lower	Upper
202	100		
101	4.6	3.3	4.9
100	4.9	3.4	5.0

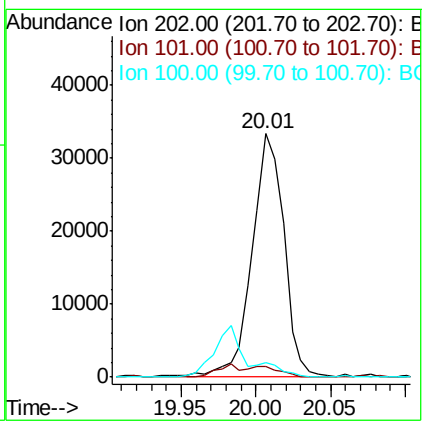


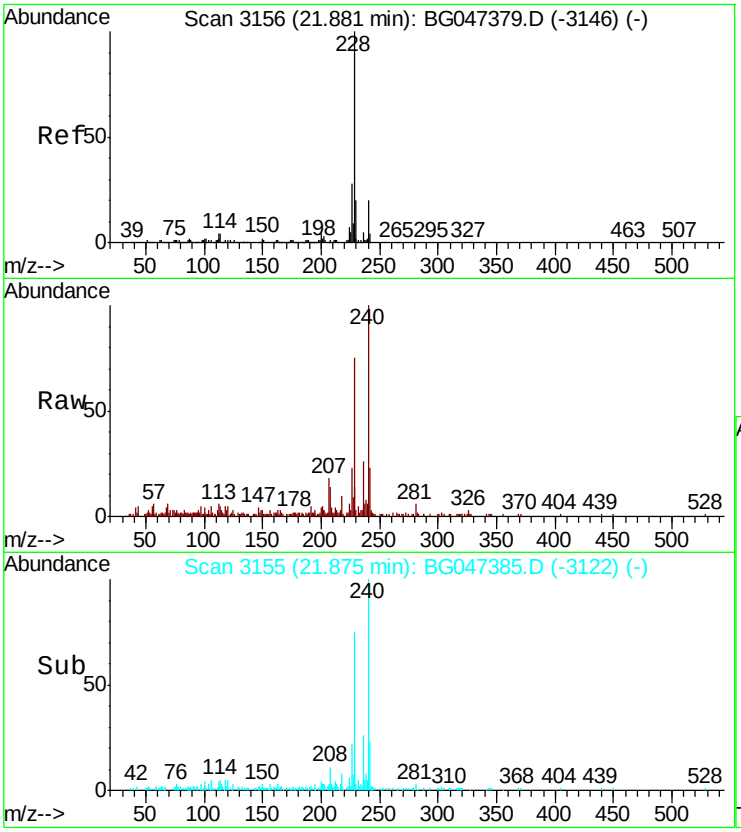


#80
Pyrene
Concen: 2.677 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047385.D
Acq: 20 Nov 2020 21:41

Tgt Ion:202 Resp: 48941

Ion	Ratio	Lower	Upper
202	100		
101	4.6	5.0	7.4#
100	6.1	4.6	7.0



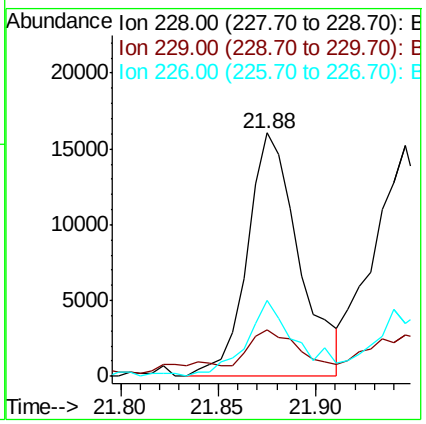


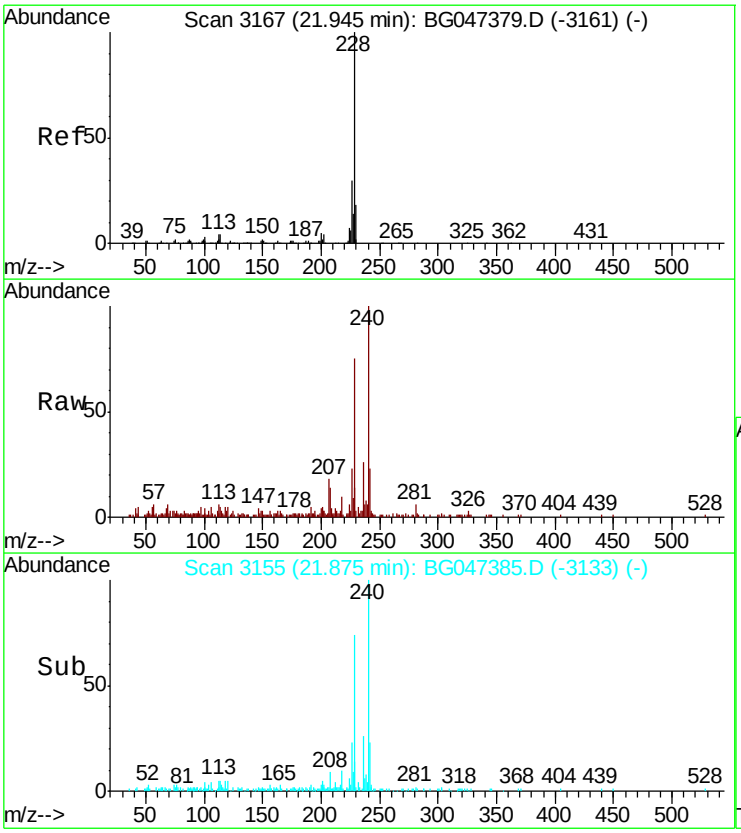
#83
Benzo(a)anthracene
Concen: 1.608 ng/ul
RT: 21.88 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG047385.D
Acq: 20 Nov 2020 21:41

Instrument :
BNA_G
ClientSampleId :
C0B01

Tgt Ion:228 Resp: 29532

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.2	24.2
226	31.3	23.3	34.9

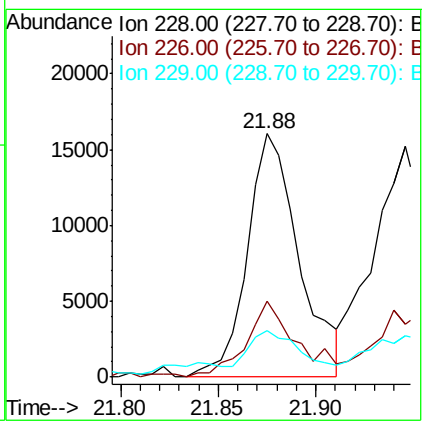


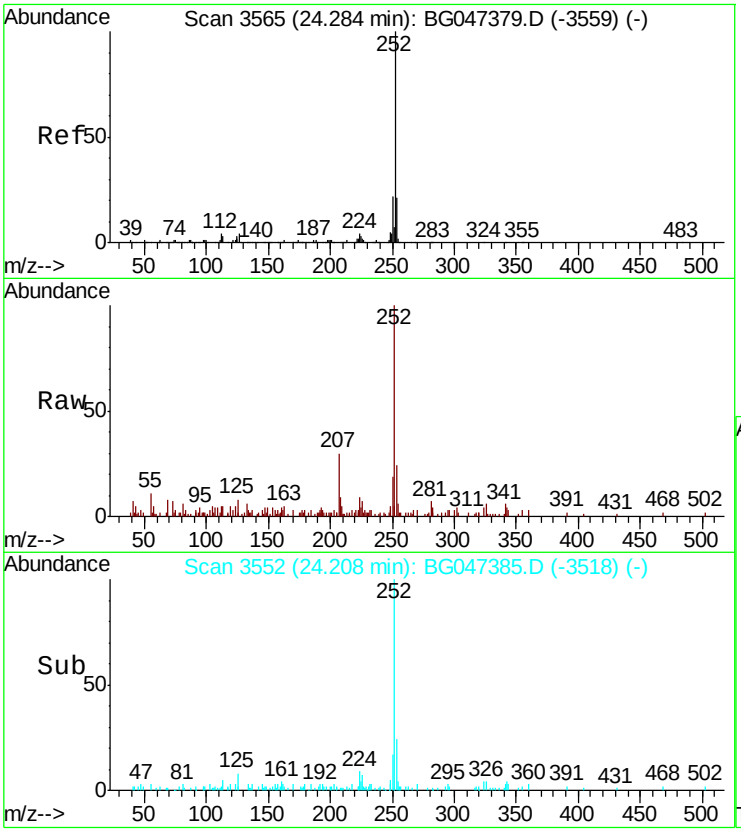


#85
Chrysene
Concen: 1.690 ng/ul
RT: 21.88 min Scan# 3155
Delta R.T. -0.07 min
Lab File: BG047385.D
Acq: 20 Nov 2020 21:41

Tgt Ion:228 Resp: 29532

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	22.4	16.3	24.5





#88
Benzo(b)fluoranthene
Concen: 1.243 ng/ul
RT: 24.21 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG047385.D
Acq: 20 Nov 2020 21:41

Instrument :
BNA_G
ClientSampleId :
C0B01

Tgt Ion:252 Resp: 23791

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	8.0	2.5	3.7#