Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047381.D
Acq On : 20 Nov 2020 18:59
Operator : CG/JU
Sample : L4711-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B51

Quant Time: Nov 21 01:29:38 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	8.27	152	36922	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	152653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	118428	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	278372	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	260648	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	276282	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	451	0.44	ng/uL	0.00
5) Phenol-d5	7.40	99	28299	7.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	16850	7.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	20238	8.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	23331	8.20	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	10480	8.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	11483	8.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	24954	7.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	22241	6.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	81174	7.98	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	98235	8.36	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	10116	6.52	ng/ul	0.00
58) Fluorene-d10	15.86	176	75677	8.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	10841	6.84	ng/ul	-0.01
71) Anthracene-d10	17.62	188	278372	20.16	ng/ul	-0.10
79) Pyrene-d10	19.98	212	131367	8.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	131292	8.26	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	36647	3.534	ng/ul#	97
77) Fluoranthene	19.64	202	38104	2.007	ng/ul#	93
80) Pyrene	20.01	202	32500	1.760	ng/ul	98
83) Benzo(a)anthracene	21.95	228	22020	1.187	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.77	149	25966	2.873	ng/ul	94
85) Chrysene	21.95	228	22020	1.248	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	25353	1.300	ng/ul#	92

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

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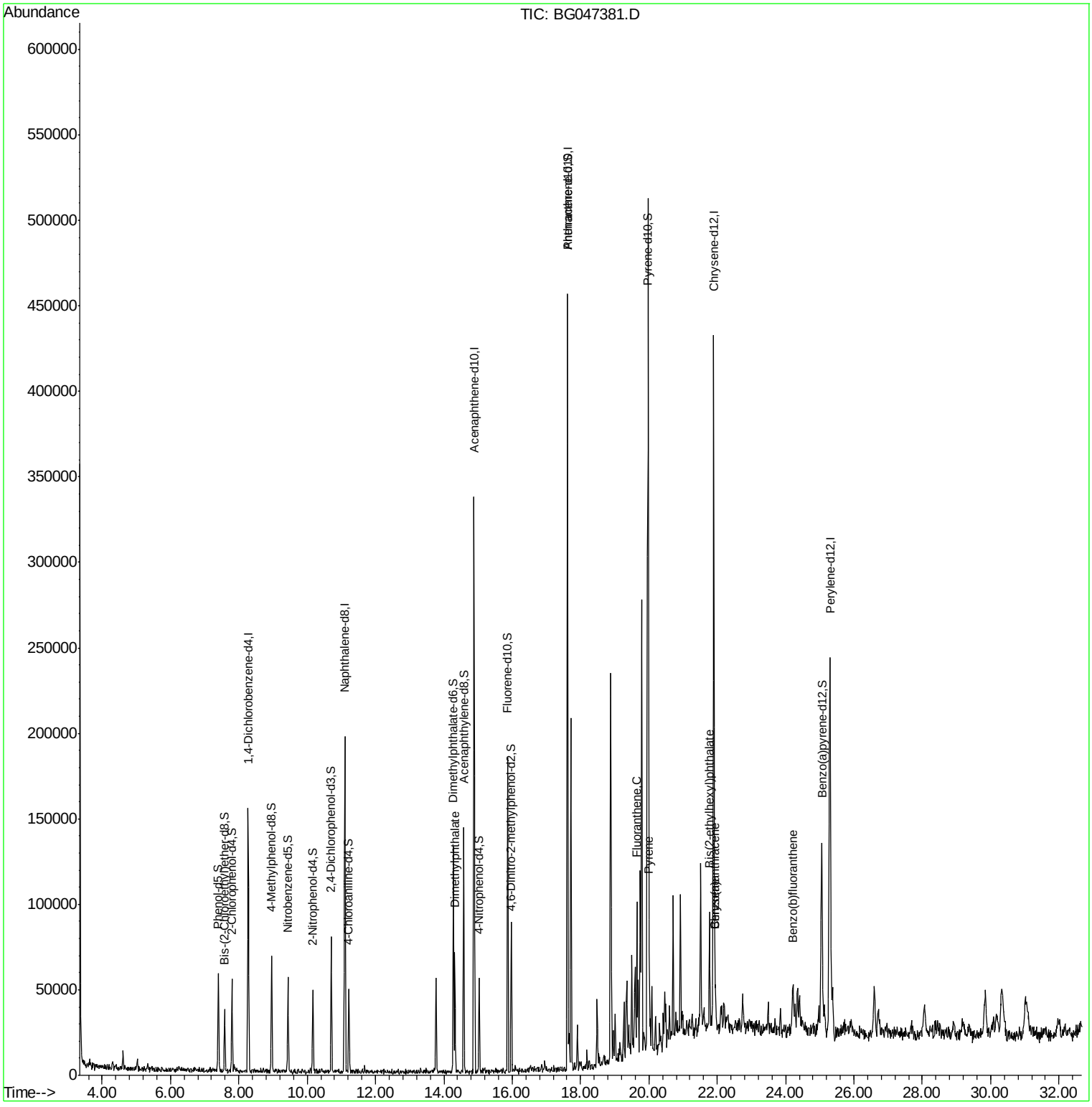
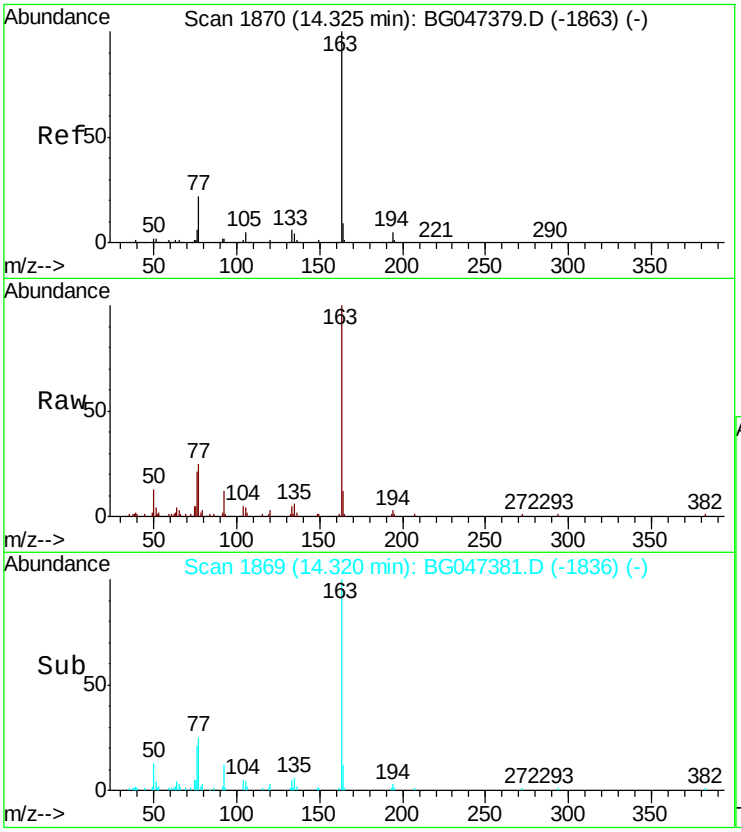


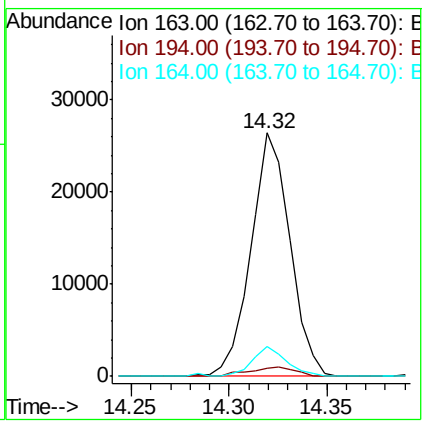


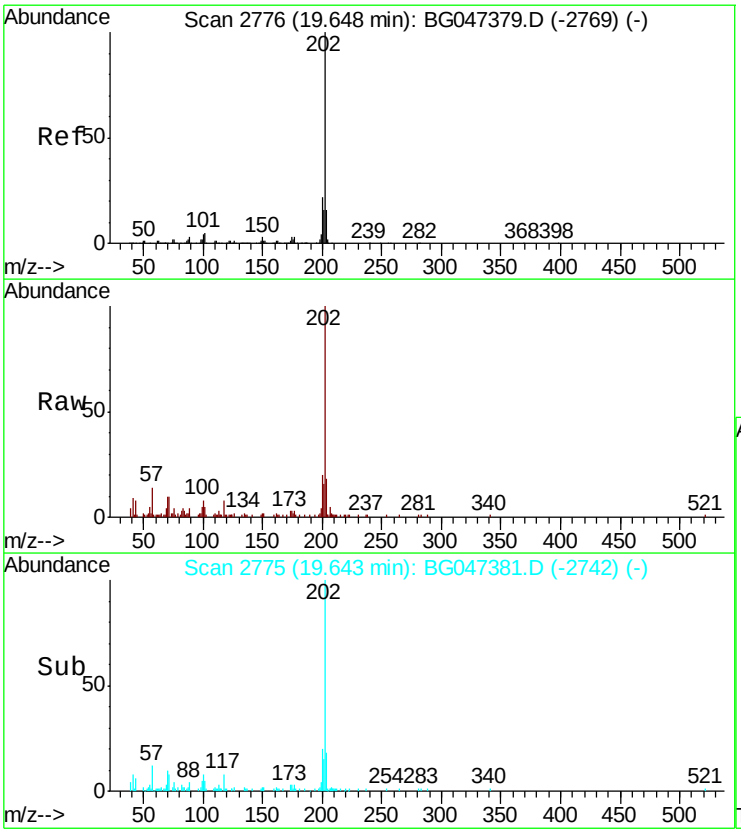
#45
Dimethylphthalate
Concen: 3.534 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG047381.D
Acq: 20 Nov 2020 18:59

Instrument :
BNA_G
ClientSampleId :
C0B51

Tgt Ion:163 Resp: 36647

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	12.4	8.8	13.2

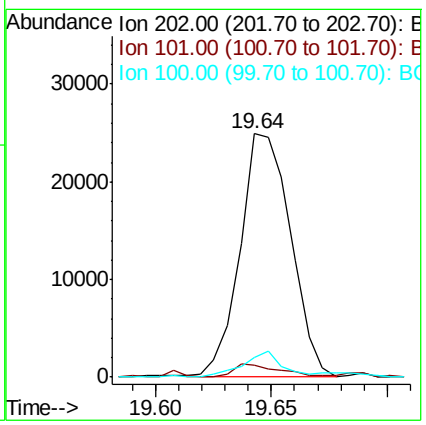


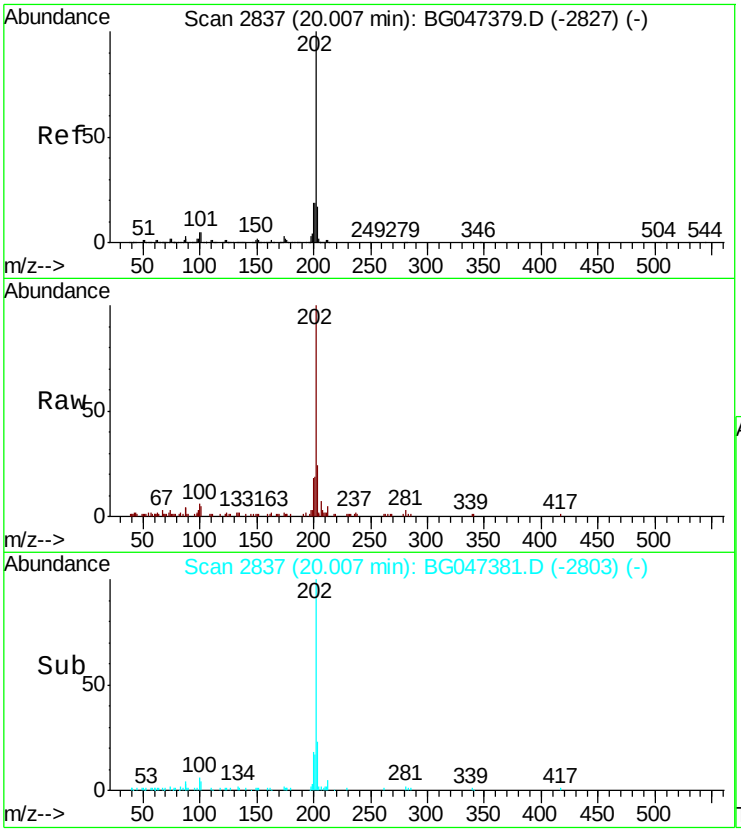


#77
Fluoranthene
Concen: 2.007 ng/ul
RT: 19.64 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BG047381.D
Acq: 20 Nov 2020 18:59

Tgt Ion:202 Resp: 38104

Ion	Ratio	Lower	Upper
202	100		
101	4.7	3.3	4.9
100	7.9	3.4	5.0#



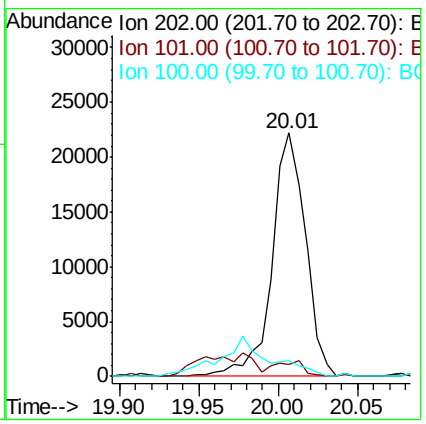


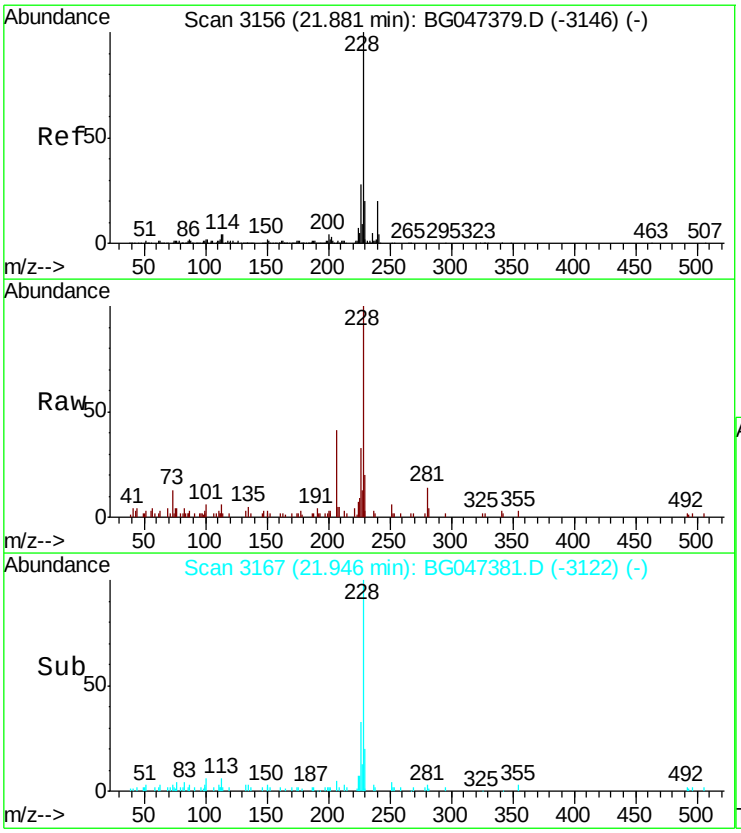
#80
Pyrene
Concen: 1.760 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047381.D
Acq: 20 Nov 2020 18:59

Instrument :
BNA_G
ClientSampleId :
C0B51

Tgt Ion:202 Resp: 32500

Ion	Ratio	Lower	Upper
202	100		
101	5.0	5.0	7.4
100	6.2	4.6	7.0

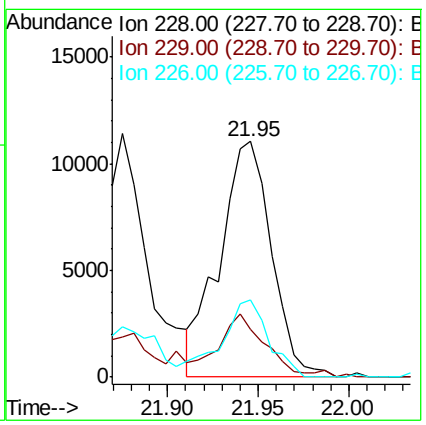


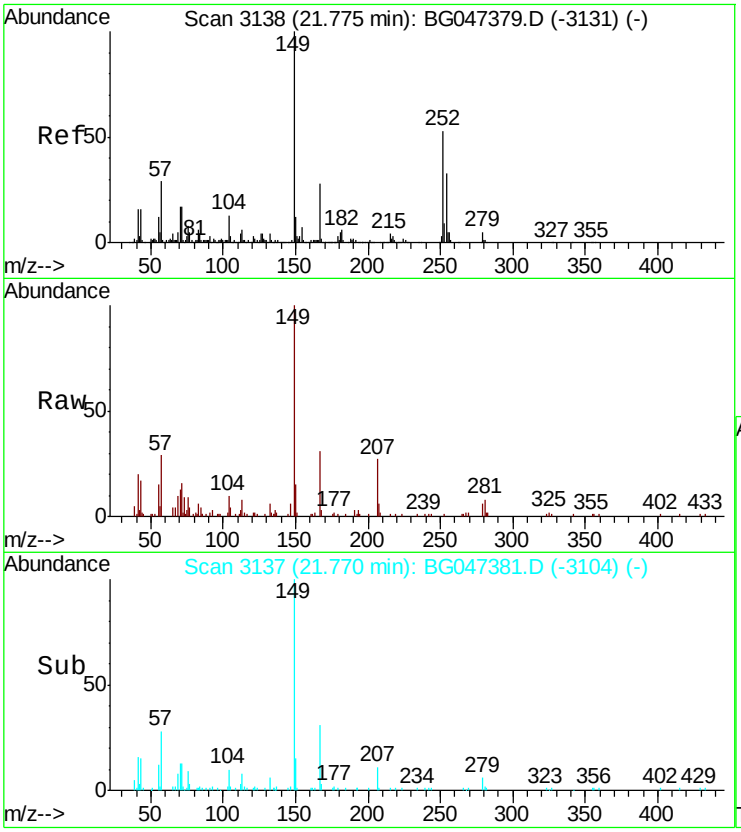


#83
Benzo(a)anthracene
Concen: 1.187 ng/ul
RT: 21.95 min Scan# 3167
Delta R.T. 0.06 min
Lab File: BG047381.D
Acq: 20 Nov 2020 18:59

Tgt Ion:228 Resp: 22020

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.2	24.2
226	32.6	23.3	34.9



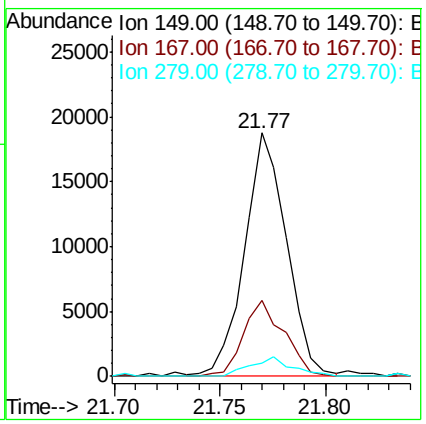


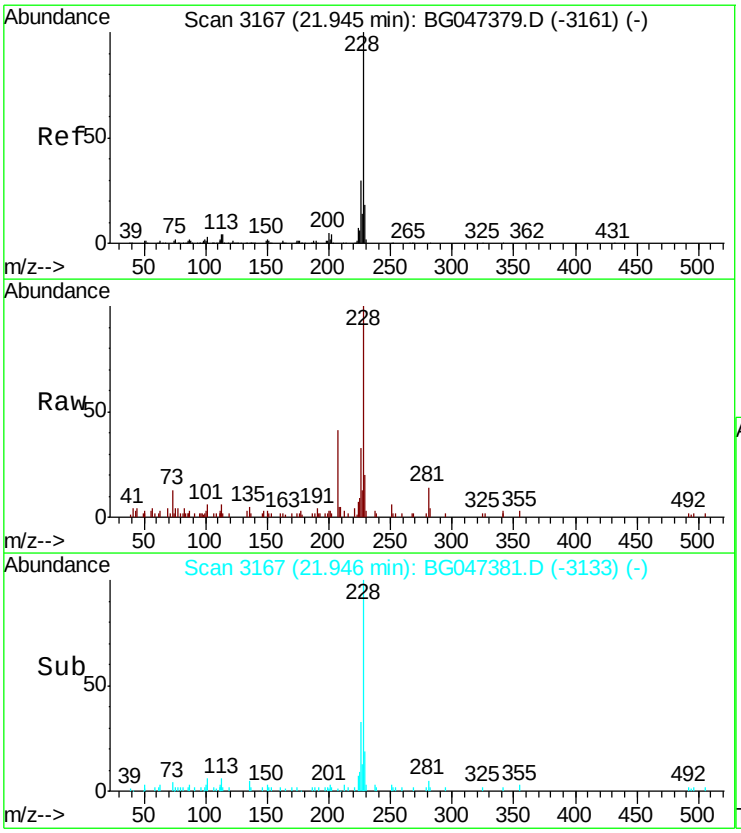
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.873 ng/ul
RT: 21.77 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG047381.D
Acq: 20 Nov 2020 18:59

Instrument :
BNA_G
ClientSampleId :
C0B51

Tgt Ion:149 Resp: 25966

Ion	Ratio	Lower	Upper
149	100		
167	31.1	21.8	32.8
279	5.5	4.2	6.2

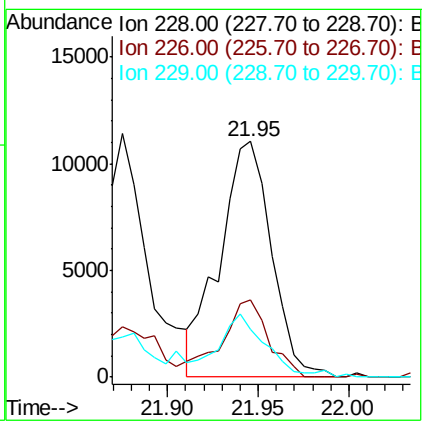


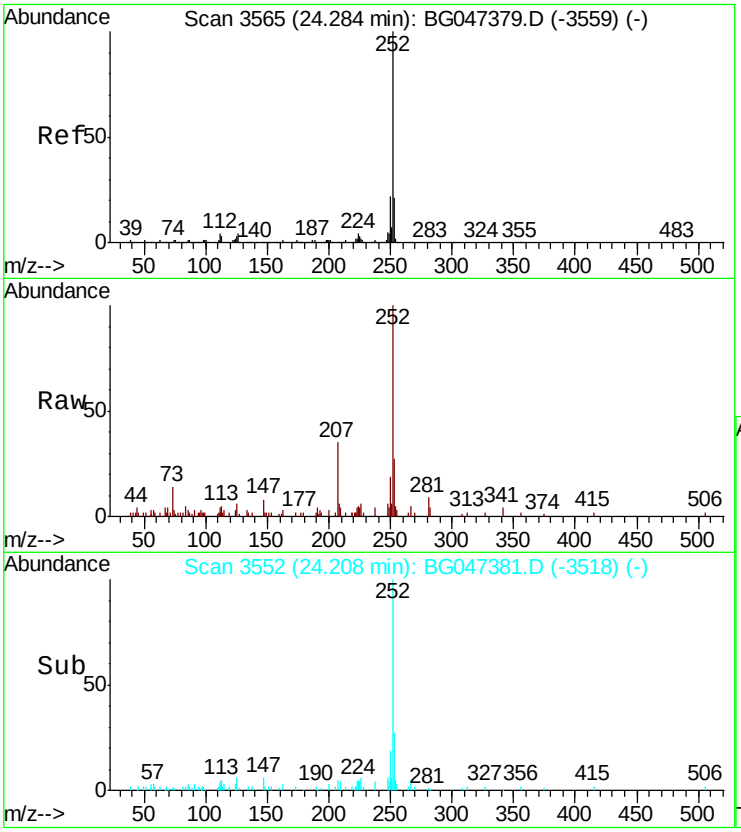


#85
Chrysene
Concen: 1.248 ng/ul
RT: 21.95 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG047381.D
Acq: 20 Nov 2020 18:59

Tgt Ion:228 Resp: 22020

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.8	35.6
229	20.2	16.3	24.5





#88
Benzo(b)fluoranthene
Concen: 1.300 ng/ul
RT: 24.21 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG047381.D
Acq: 20 Nov 2020 18:59

Instrument :
BNA_G
ClientSampleId :
C0B51

Tgt Ion:252 Resp: 25353

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.4	27.6
125	5.6	2.5	3.7#