

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047678.D
 Acq On : 9 Dec 2020 17:58
 Operator : CG/JU
 Sample : L4941-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY4

Manual Integrations
 APPROVED

mohammad
 12/10/2020 8:37:15 AM

Quant Time: Dec 10 00:58:05 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	35964	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	139520	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	110169	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	265450	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	234152	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	240549	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1232m	1.82	ng/uL	0.00
5) Phenol-d5	7.35	99	30483	9.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	15511	9.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	21569	9.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	23578	9.65	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	10986	9.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	14133	10.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	28628	9.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	30752	11.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	98384	10.28	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	115538	10.57	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	13722	9.67	ng/ul	0.00
58) Fluorene-d10	15.82	176	91668	10.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	13051	7.26	ng/ul	0.00
71) Anthracene-d10	17.67	188	149750	11.31	ng/ul	0.00
79) Pyrene-d10	19.94	212	168298	12.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	163386	11.63	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.38	94	4824	1.659	ng/ul 95
45) Dimethylphthalate	14.28	163	30548	3.151	ng/ul# 95
77) Fluoranthene	19.61	202	26029	1.422	ng/ul 99
80) Pyrene	19.97	202	22291	1.309	ng/ul# 93
81) Butylbenzylphthalate	20.84	149	456787	80.616	ng/ul 95
88) Benzo(b)fluoranthene	24.14	252	17854m	1.063	ng/ul

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

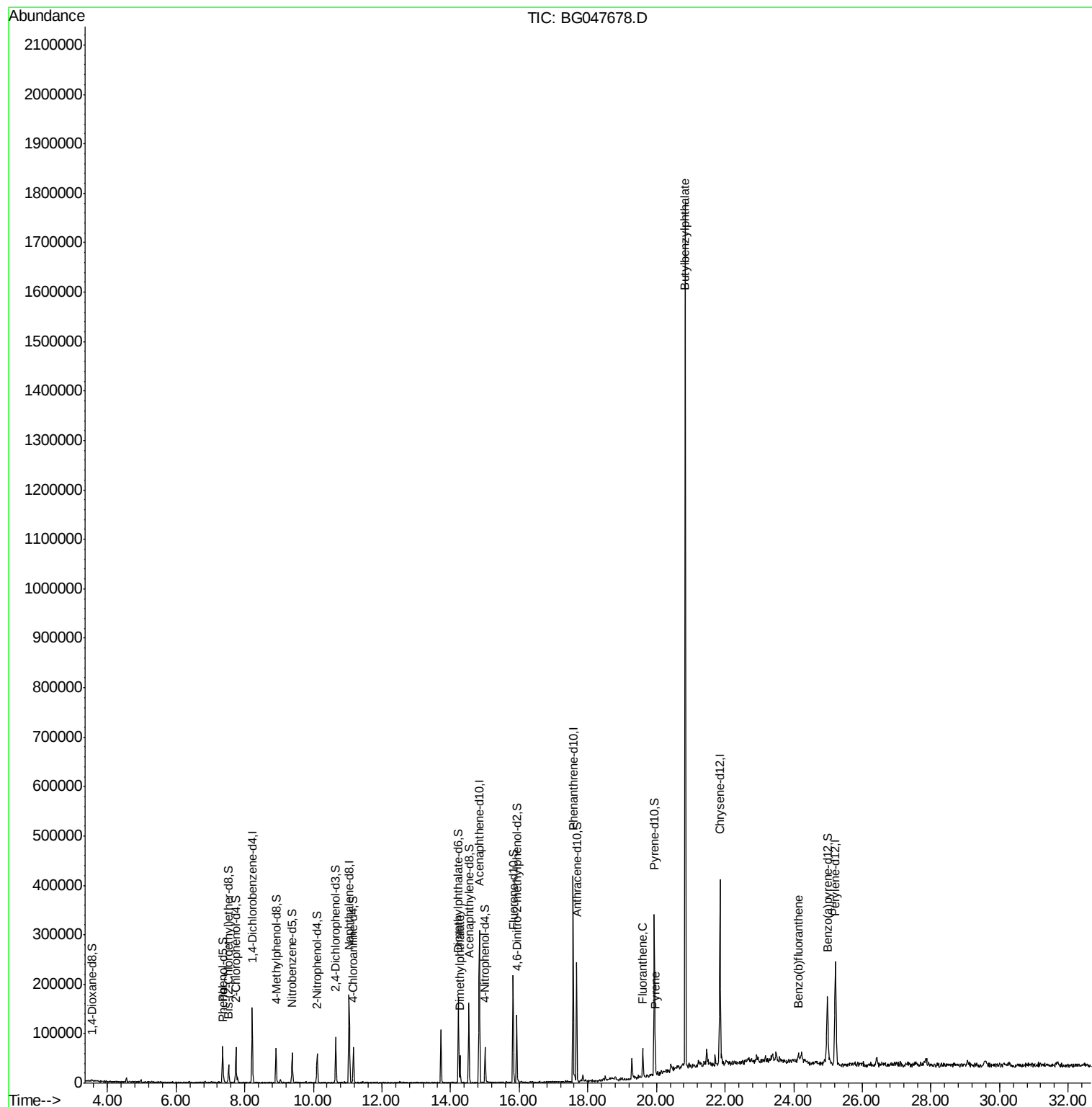
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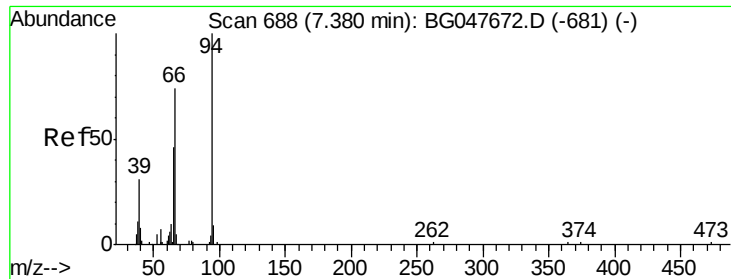
Instrument :
BNA_G
ClientSampleId :
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#6

Phenol

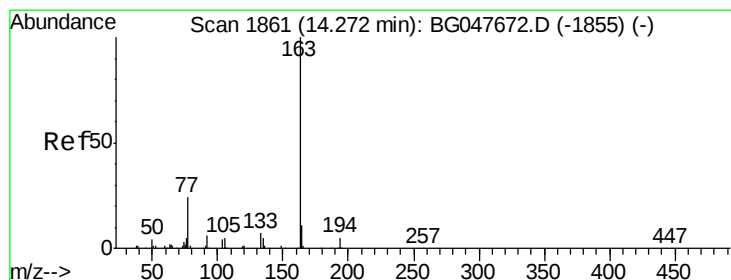
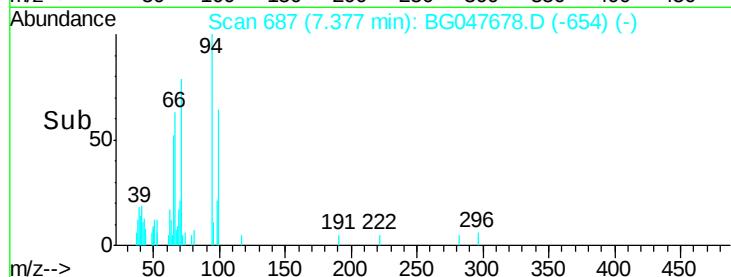
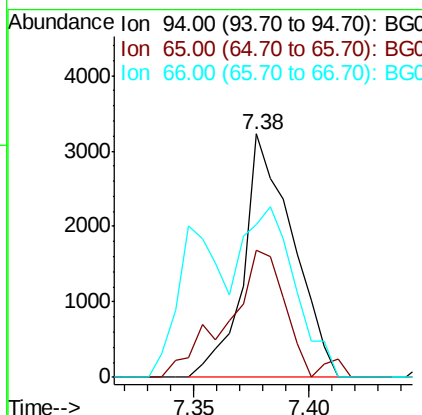
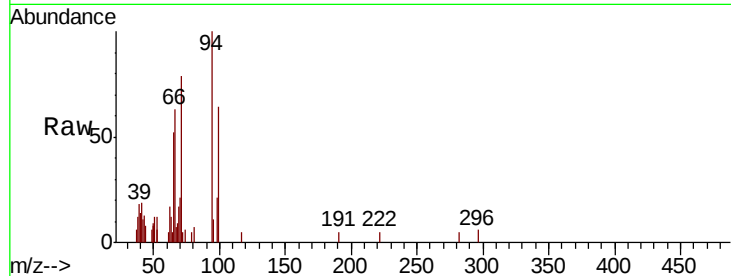
Concen: 1.659 ng/ul
 RT: 7.38 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BG047678.D
 Acq: 9 Dec 2020 17:58

Instrument :
 BNA_G
 ClientSampleId :
 C0AY4

Tot Ion	Ratio	Lower	Upper
94	100		
65	52.0	35.9	53.9
66	62.8	50.1	75.1

Manual Integrations
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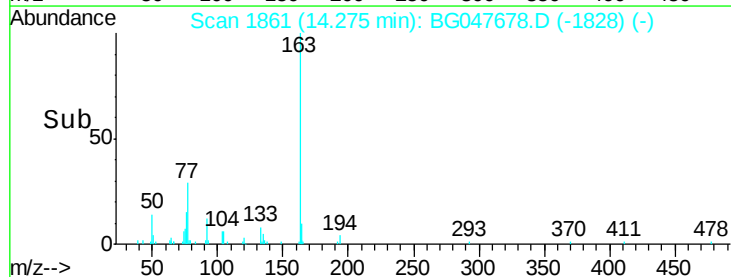
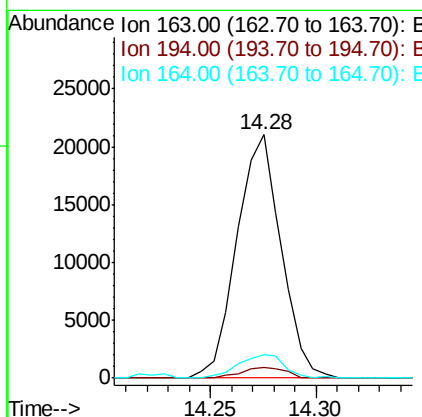
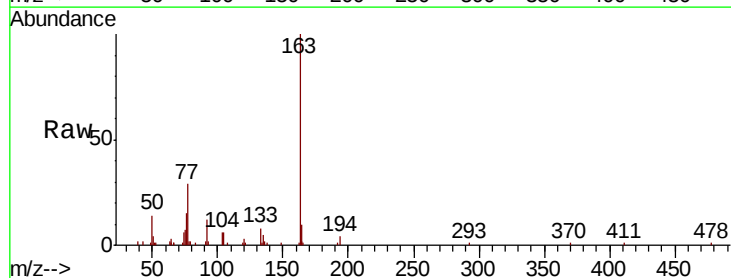


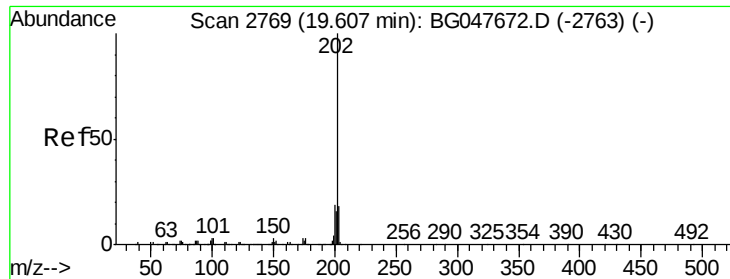
#45

Dimethylphthalate

Concen: 3.151 ng/ul
 RT: 14.28 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG047678.D
 Acq: 9 Dec 2020 17:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	11.6	7.4	11.2#





#77

Fluoranthene

Concen: 1.422 ng/ul

RT: 19.61 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG047678.D

Acq: 9 Dec 2020 17:58

Instrument :

BNA_G

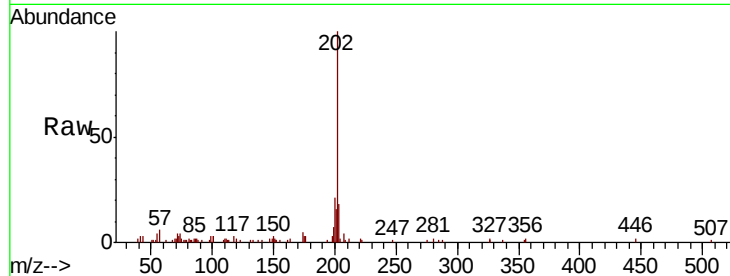
ClientSampled :

C0AY4

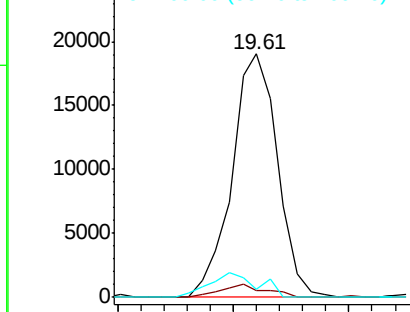
Tot Ion:	202	Resp:	26029
Ion Ratio	Lower	Upper	
202	100		
101	2.8	2.4	3.6
100	3.5	2.6	3.8

Manual Integrations
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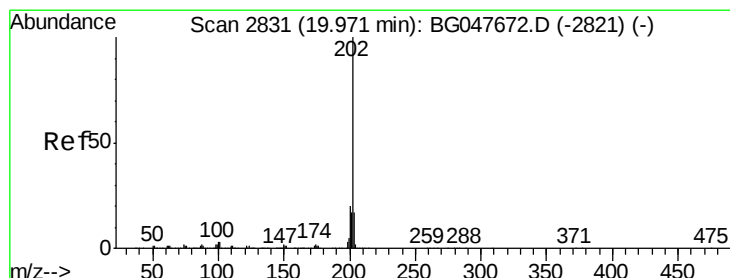
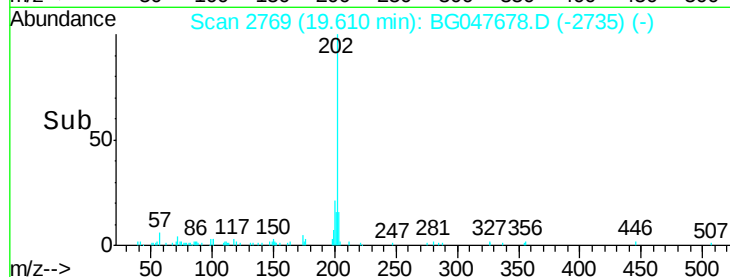
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.55 19.60 19.65



#80

Pyrene

Concen: 1.309 ng/ul

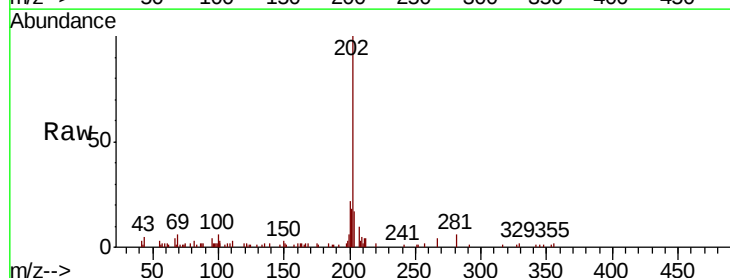
RT: 19.97 min Scan# 2831

Delta R.T. 0.00 min

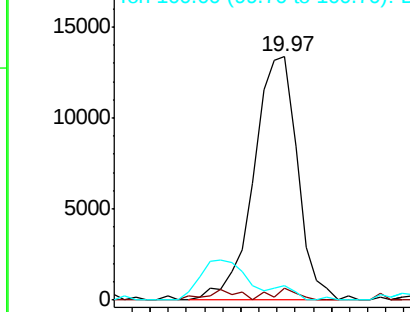
Lab File: BG047678.D

Acq: 9 Dec 2020 17:58

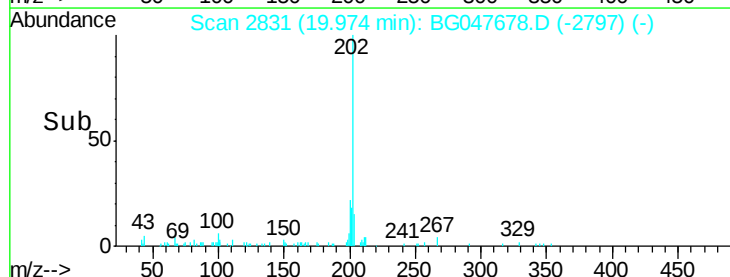
Tgt Ion:	202	Resp:	22291
Ion Ratio	Lower	Upper	
202	100		
101	5.0	2.5	3.7#
100	5.8	2.4	3.6#

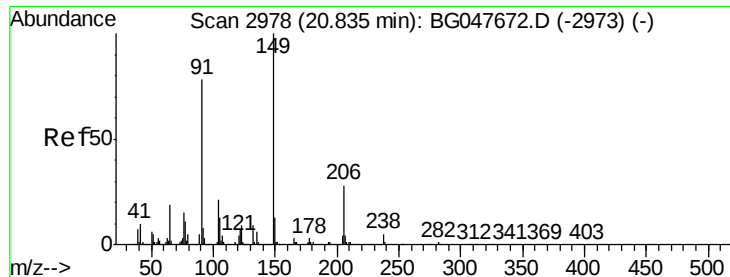


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.90 19.95 20.00





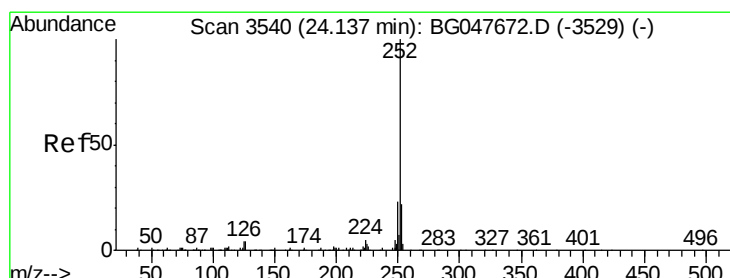
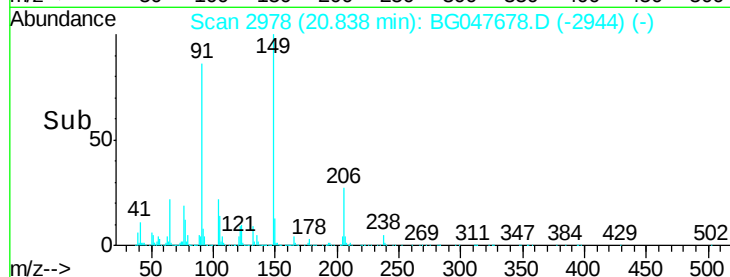
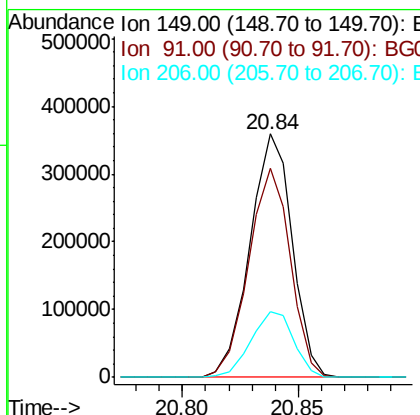
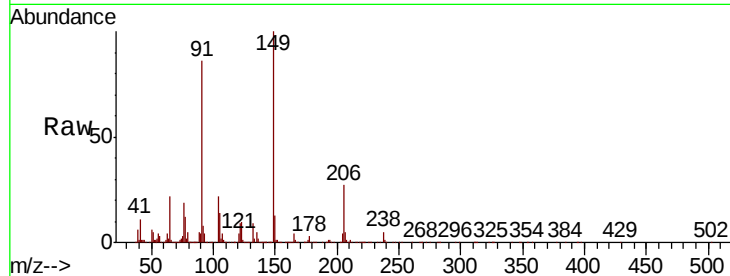
#81
Butylbenzylphthalate
Concen: 80.616 ng/ul
RT: 20.84 min Scan# 2978
Delta R.T. 0.00 min
Lab File: BG047678.D
Acq: 9 Dec 2020 17:58

Instrument :
BNA_G
ClientSampleId :
C0AY4

Tot Ion	Ratio	Lower	Upper
149	100		
91	85.6	71.6	107.4
206	26.8	23.9	35.9

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#88
Benzo(b)fluoranthene
Concen: 1.063 ng/ul m
RT: 24.14 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG047678.D
Acq: 9 Dec 2020 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.6	18.7	28.1#
125	4.3	2.6	3.8#

