

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047180.D
 Acq On : 31 Oct 2020 8:23
 Operator : CG/JU
 Sample : L4507-17
 Misc : GCMS CONFIRMATION
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BN4

Manual Integrations
 APPROVED

mohammad
 11/2/2020 12:34:49 PM

Quant Time: Nov 01 23:24:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 16:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	250221	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.69	164	172849	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	388819	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	405734	20.00	ng/ul	-0.01
86) Perylene-d12	24.93	264	424288	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue
70) Phenanthrene	17.47	178	113062	5.185 ng/ul	98
77) Fluoranthene	19.47	202	117615	4.481 ng/ul	99
80) Pyrene	19.84	202	107451	3.870 ng/ul#	96
83) Benzo(a)anthracene	21.68	228	51633	1.878 ng/ul	99
85) Chrysene	21.74	228	73681	2.786 ng/ul	97
88) Benzo(b)fluoranthene	23.89	252	40263m	1.429 ng/ul	

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

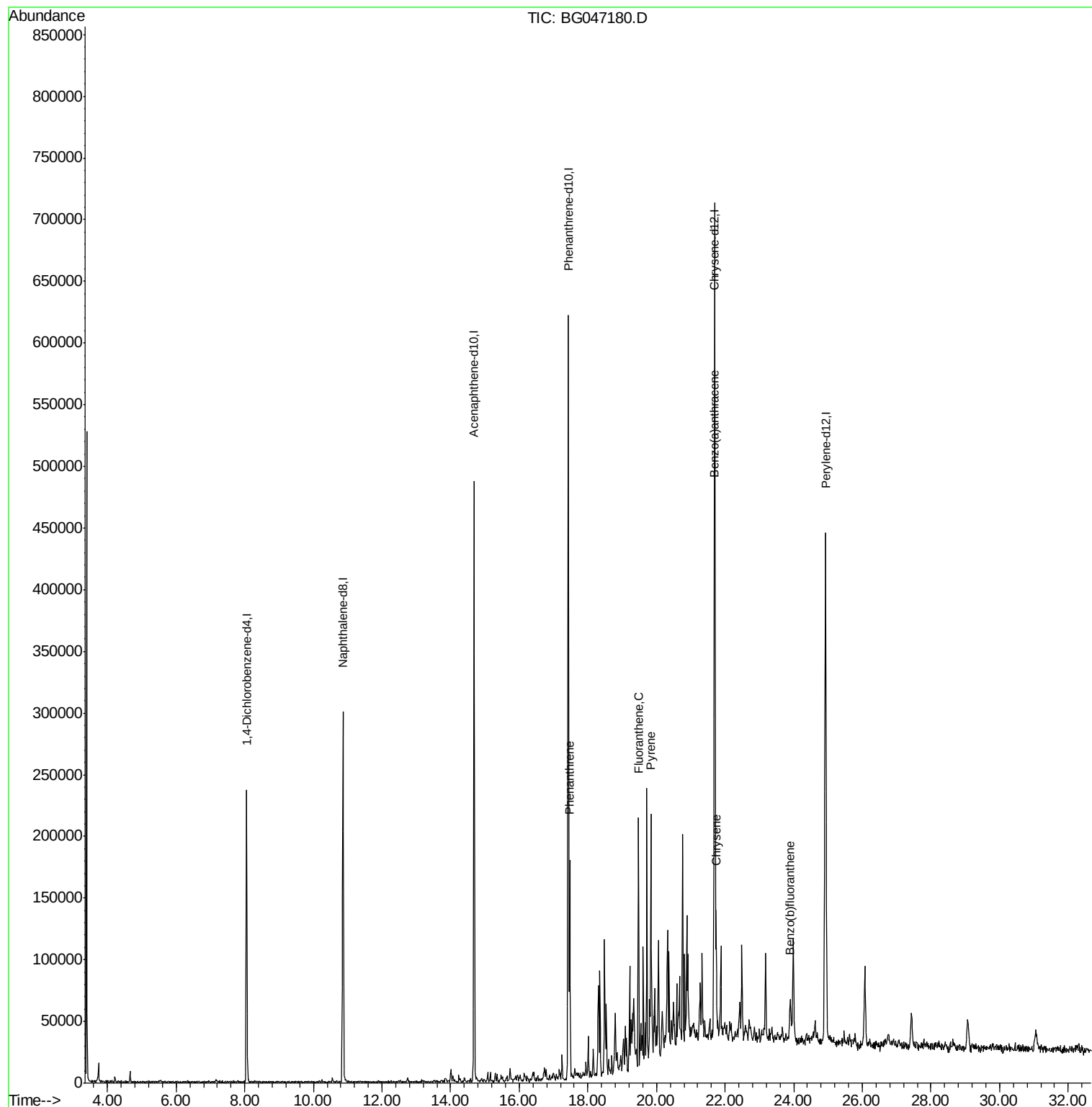
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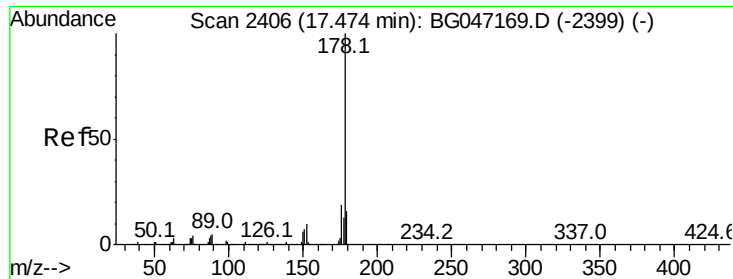
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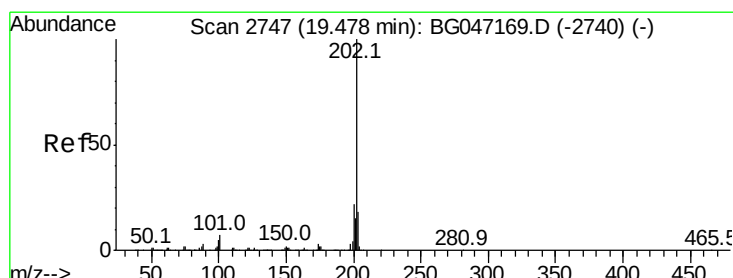
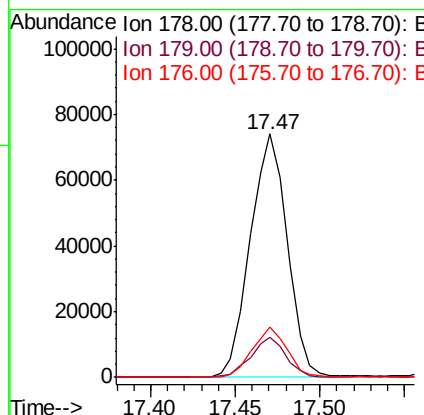
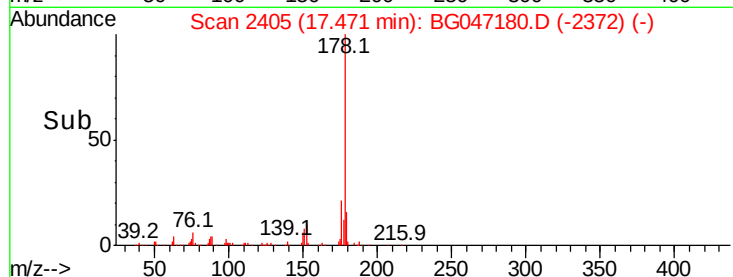
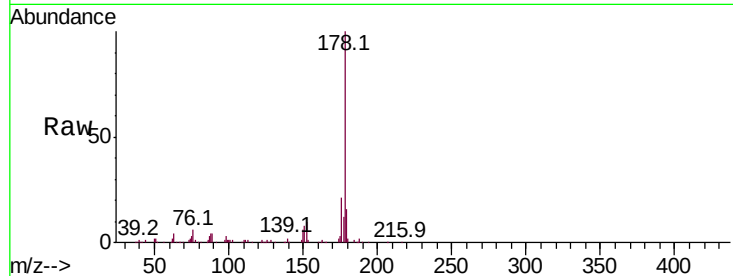
#70
Phenanthrene
Concen: 5.185 ng/ul
RT: 17.47 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG047180.D
Acq: 31 Oct 2020 8:23

Instrument :
BNA_G
ClientSampled :
C0BN4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.4
176	20.6	15.5	23.3

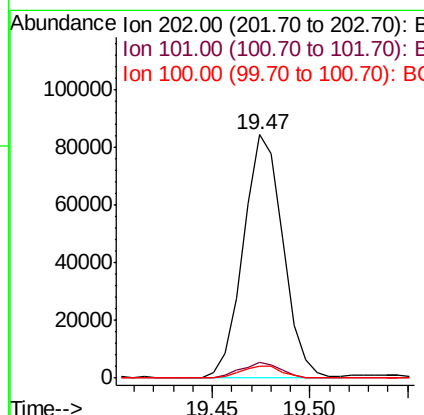
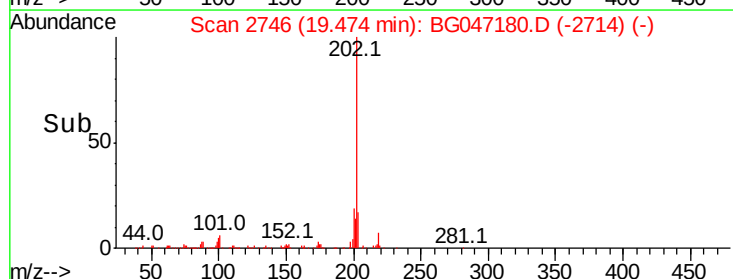
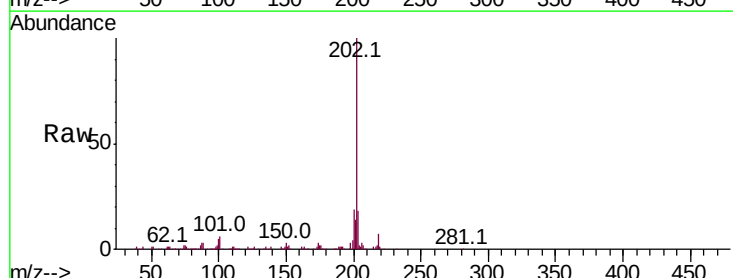
Manual Integrations
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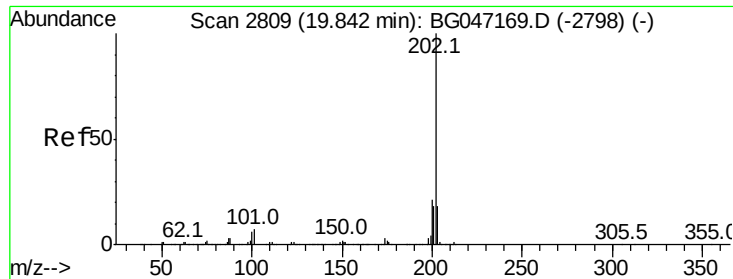
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#77
Fluoranthene
Concen: 4.481 ng/ul
RT: 19.47 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BG047180.D
Acq: 31 Oct 2020 8:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	4.9	7.3
100	5.1	4.2	6.4





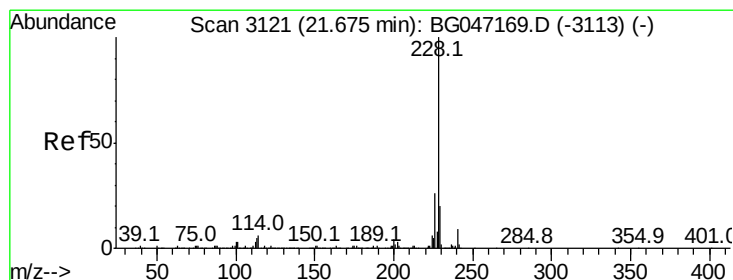
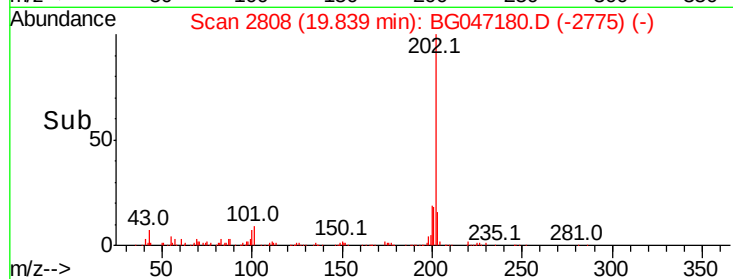
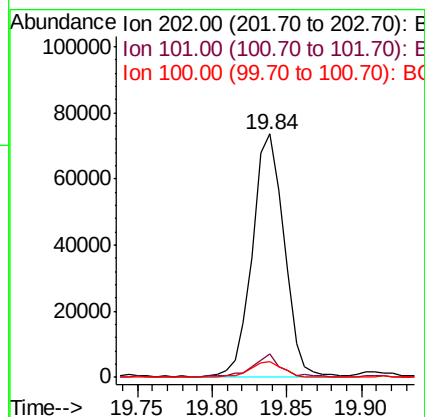
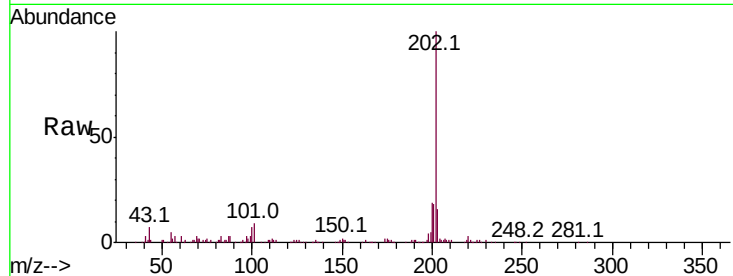
#80
Pvrene
Concen: 3.870 ng/ul
RT: 19.84 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BG047180.D
Acq: 31 Oct 2020 8:23

Instrument :
BNA_G
ClientSampleId :
C0BN4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	5.8	8.6#
100	6.7	5.0	7.4

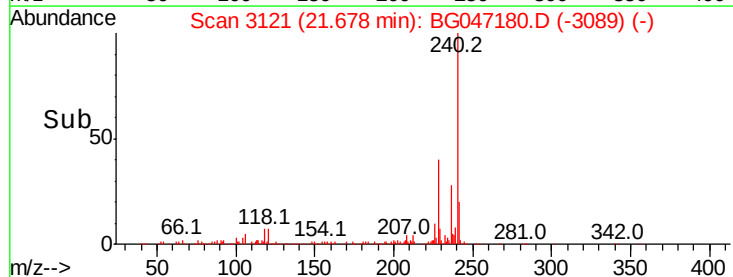
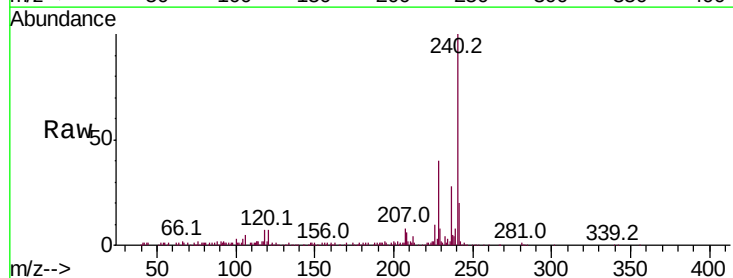
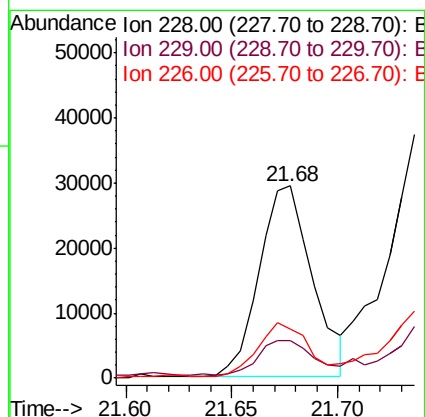
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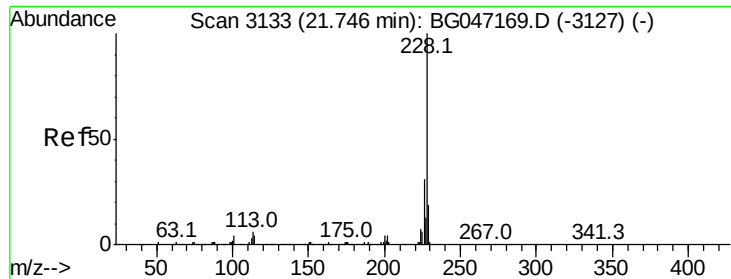
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#83
Benzo(a)anthracene
Concen: 1.878 ng/ul
RT: 21.68 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG047180.D
Acq: 31 Oct 2020 8:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.7	16.0	24.0
226	25.4	20.8	31.2





#85

Chrysene

Concen: 2.786 ng/ul

RT: 21.74 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG047180.D

Acq: 31 Oct 2020 8:23

Instrument :

BNA_G

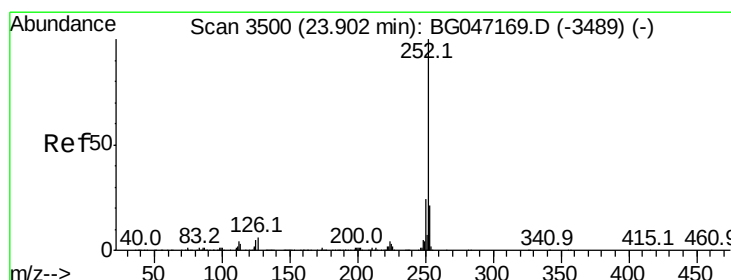
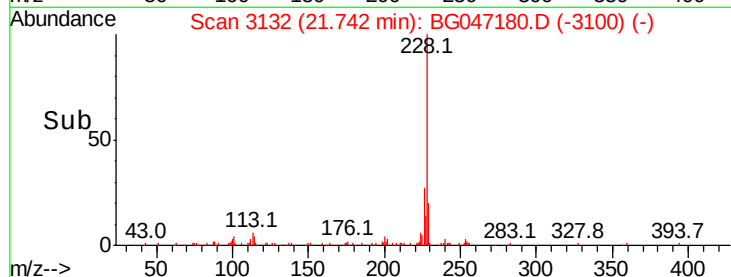
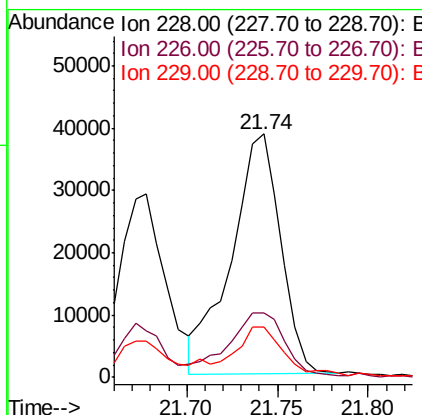
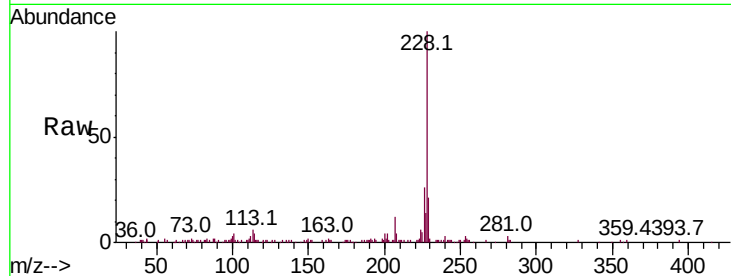
ClientSampleId :

C0BN4

Tot Ion:	228	Resp:	73681
Ion Ratio	Lower	Upper	
228	100		
226	26.3	22.8	34.2
229	20.9	16.2	24.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 1.429 ng/ul m

RT: 23.89 min Scan# 3498

Delta R.T. -0.02 min

Lab File: BG047180.D

Acq: 31 Oct 2020 8:23

Tgt Ion:	252	Resp:	40263
Ion Ratio	Lower	Upper	
252	100		
253	20.3	18.4	27.6
125	8.3	4.2	6.4#

