

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047060.D
 Acq On : 23 Oct 2020 11:11
 Operator : CG/JU
 Sample : L4365-12
 Misc : GCMS CONFIRMATION
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEQD6

Manual Integrations
 APPROVED

mohammad
 10/26/2020 10:32:42 AM

Quant Time: Oct 23 12:25:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 22 05:48:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	248363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	166791	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	353839	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	374428	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	405583	20.00	ng/ul	0.00

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	
59) Fluorene	15.74	166	17315	1.320	ng/ul#	79
70) Phenanthrene	17.47	178	259535	13.078	ng/ul	99
77) Fluoranthene	19.48	202	303173	12.692	ng/ul	99
80) Pyrene	19.84	202	192253	7.503	ng/ul	99
83) Benzo(a)anthracene	21.68	228	134919	5.319	ng/ul	99
85) Chrysene	21.75	228	201177	8.244	ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	115365	4.282	ng/ul	100
89) Benzo(k)fluoranthene	23.96	252	29565m	1.132	ng/ul	

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

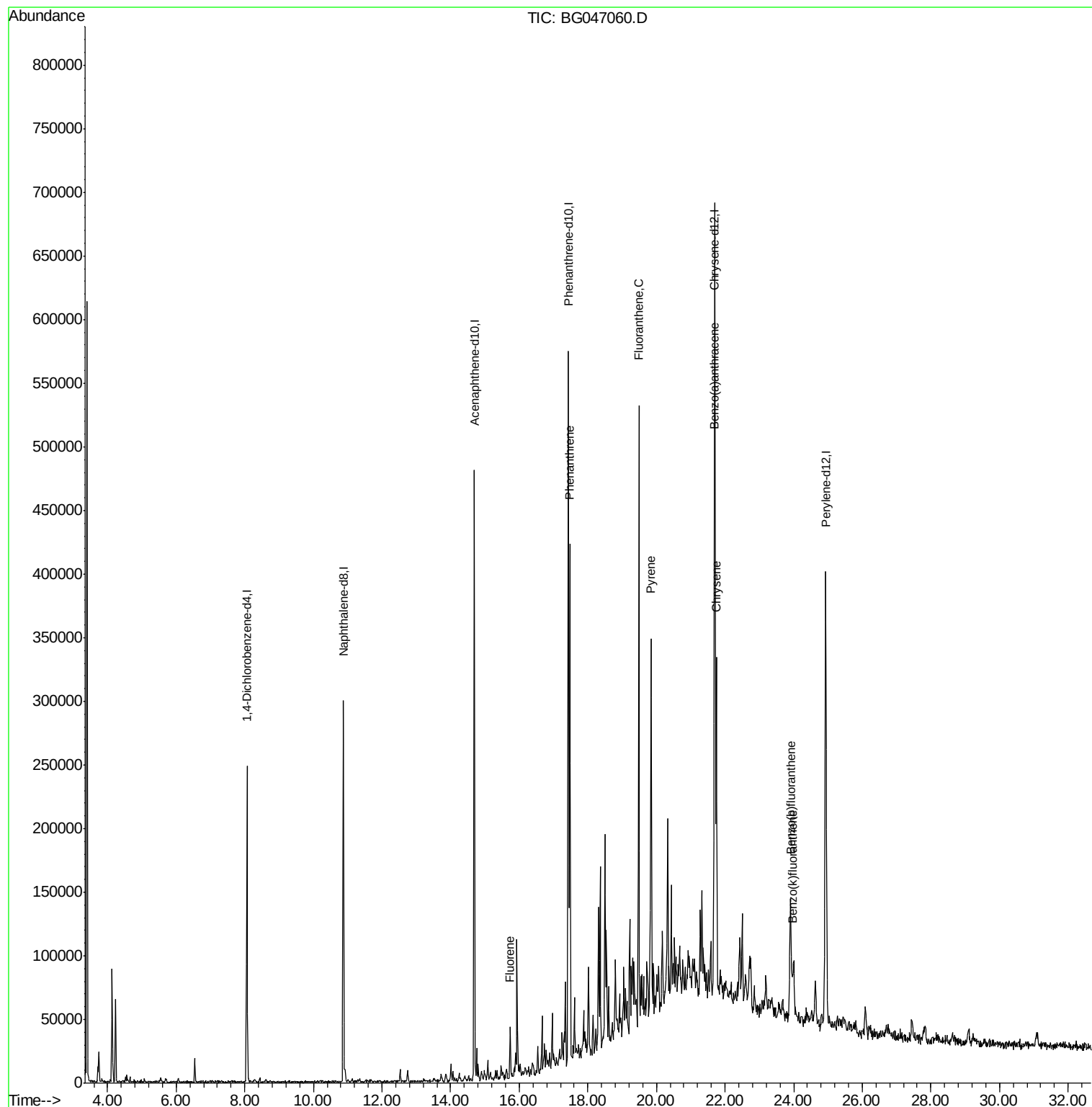
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Acq On : 23 Oct 2020 11:11
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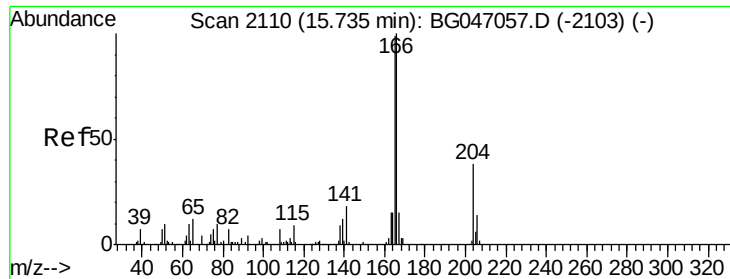
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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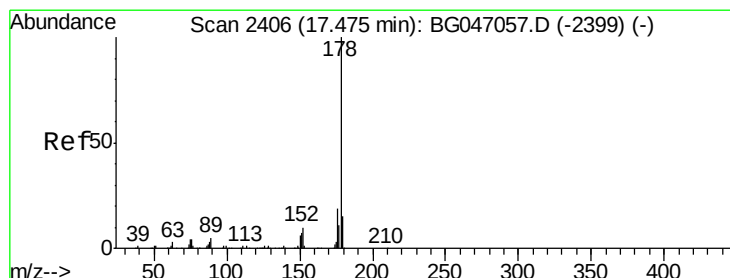
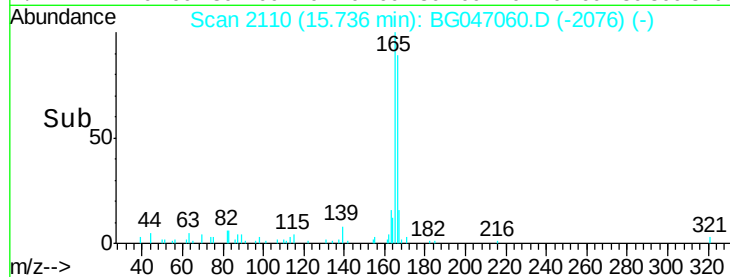
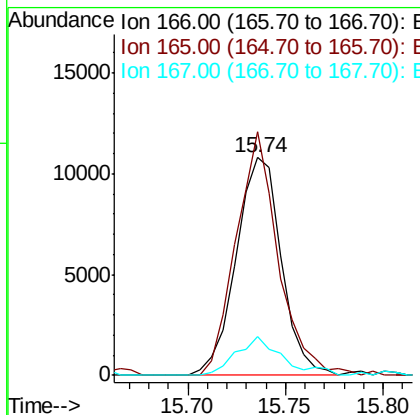
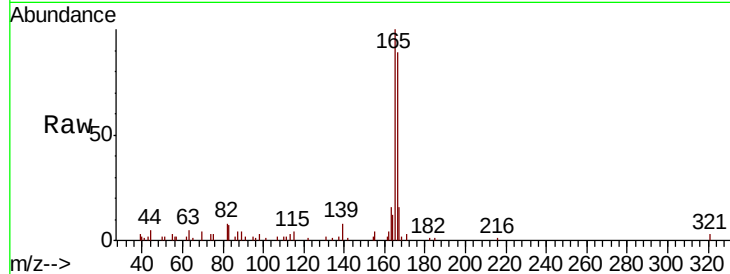
#59
Fluorene
Concen: 1.320 ng/ul
RT: 15.74 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG047060.D
Acq: 23 Oct 2020 11:11

Instrument :
BNA_G
ClientSampleId :
BEQD6

Tot Ion	Ratio	Lower	Upper
166	100		
165	111.7	72.6	108.8#
167	17.7	10.7	16.1#

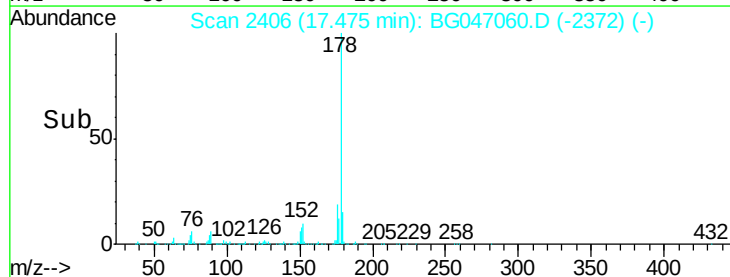
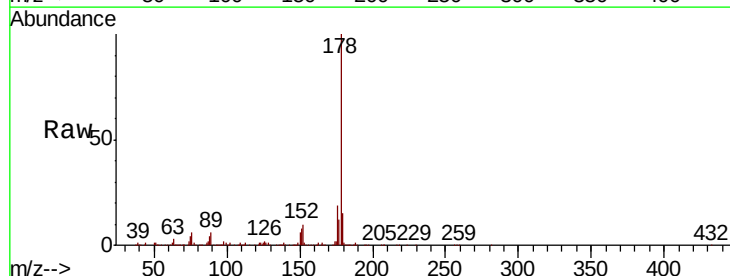
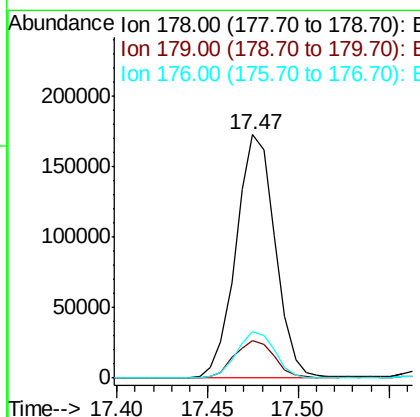
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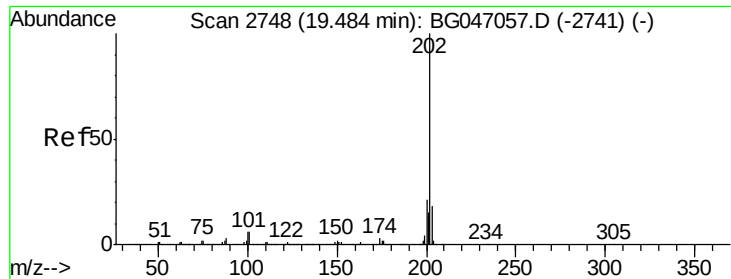
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#70
Phenanthrene
Concen: 13.078 ng/ul
RT: 17.47 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG047060.D
Acq: 23 Oct 2020 11:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	19.1	15.5	23.3





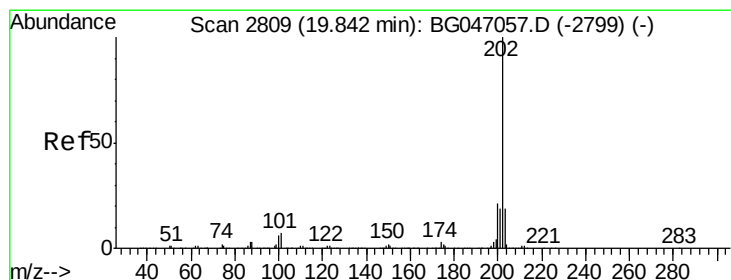
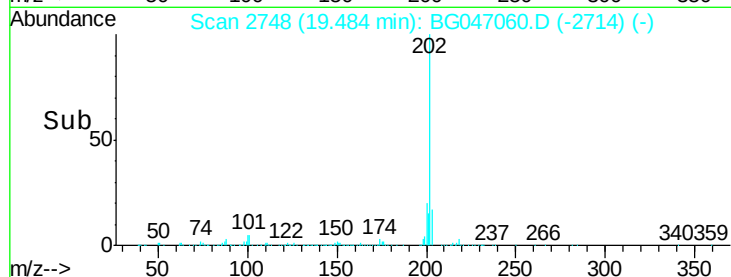
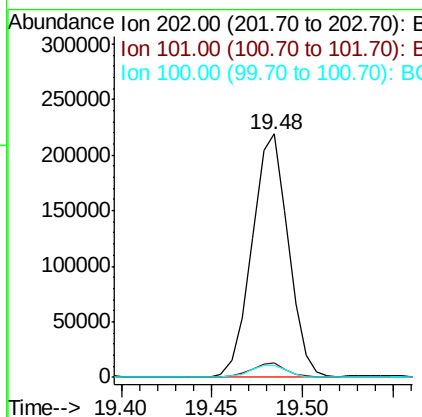
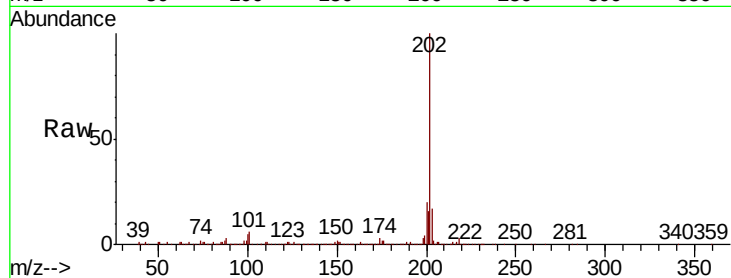
#77
 Fluoranthene
 Concen: 12.692 ng/ul
 RT: 19.48 min Scan# 2748
 Delta R.T. -0.00 min
 Lab File: BG047060.D
 Acq: 23 Oct 2020 11:11

Instrument :
 BNA_G
 ClientSampled :
 BEQD6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	303173		
101	5.7		4.9	7.3
100	4.8		4.2	6.4

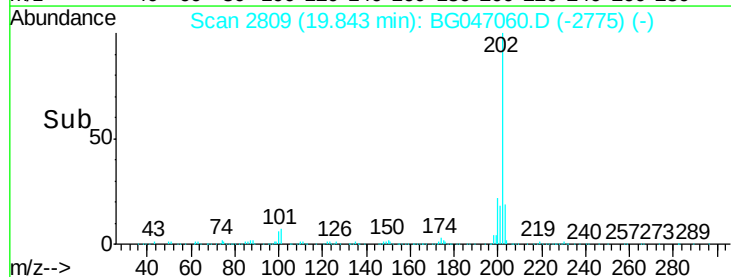
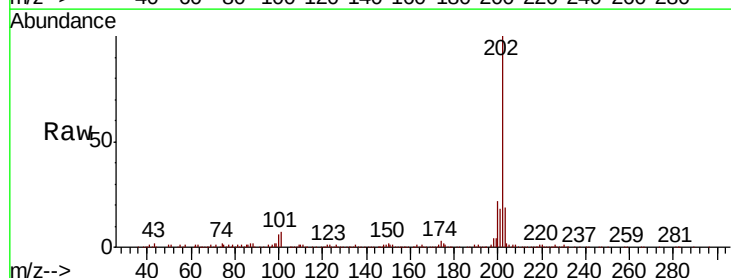
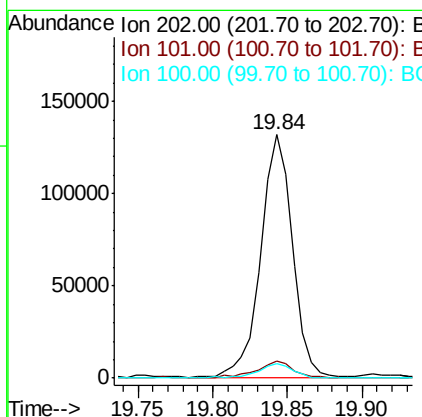
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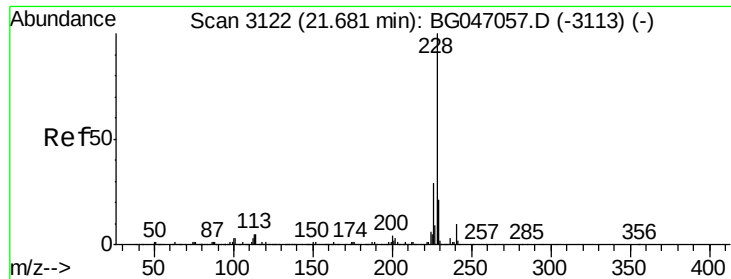
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#80
 Pyrene
 Concen: 7.503 ng/ul
 RT: 19.84 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BG047060.D
 Acq: 23 Oct 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	192253		
101	6.9		5.8	8.6
100	5.9		5.0	7.4





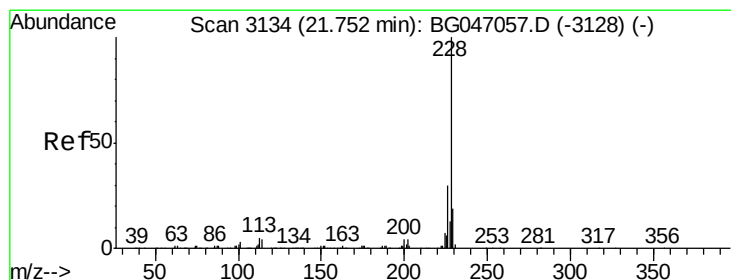
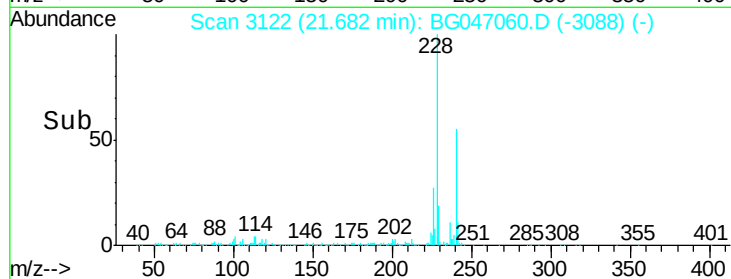
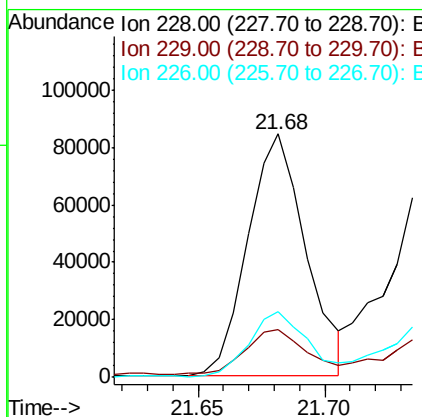
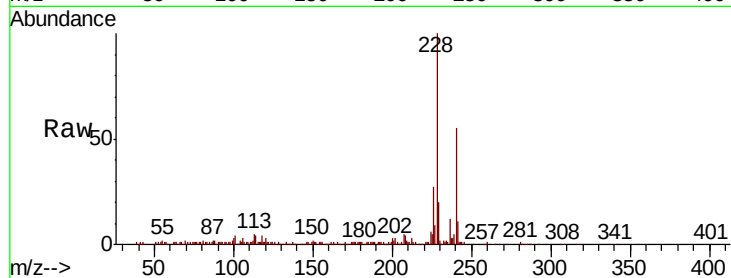
#83
Benzo(a)anthracene
Concen: 5.319 ng/ul
RT: 21.68 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG047060.D
Acq: 23 Oct 2020 11:11

Instrument :
BNA_G
ClientSampled :
BEQD6

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.0	24.0
226	26.7	20.8	31.2

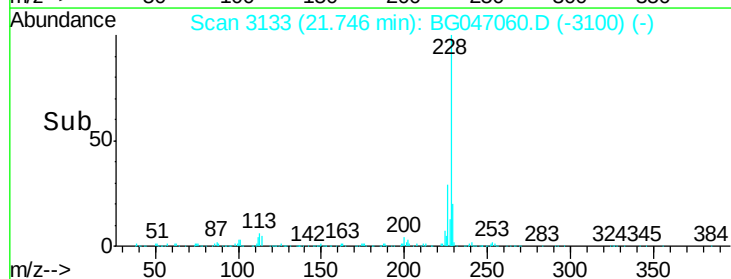
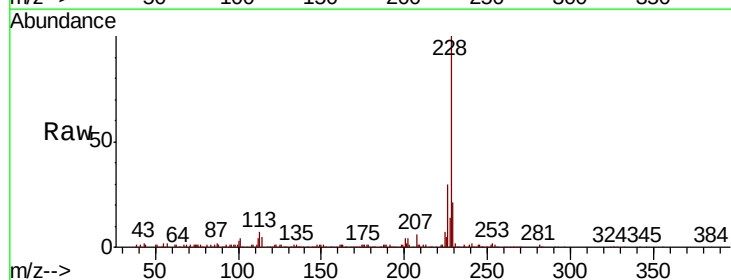
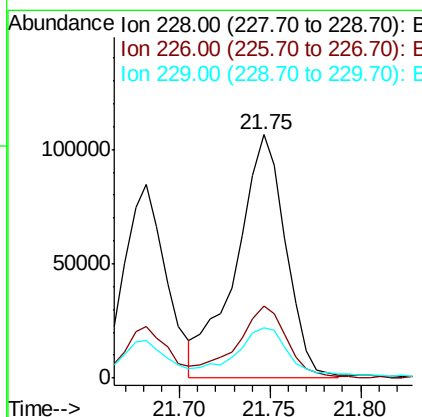
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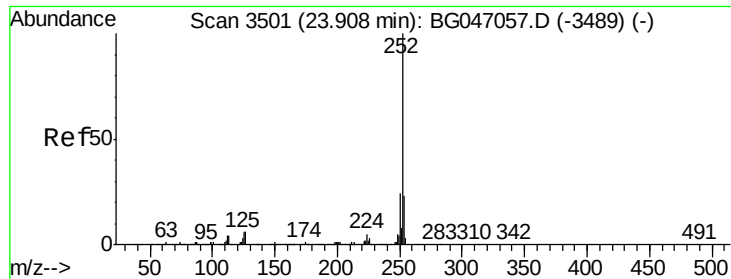
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#85
Chrysene
Concen: 8.244 ng/ul
RT: 21.75 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG047060.D
Acq: 23 Oct 2020 11:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	20.7	16.2	24.2





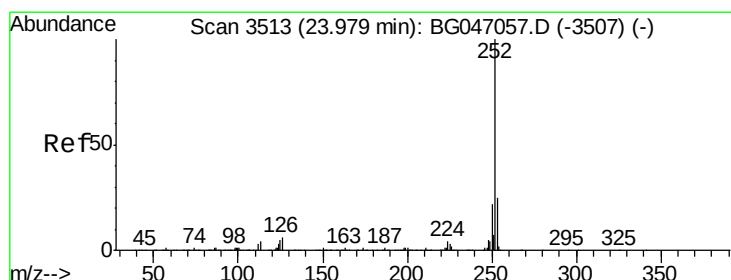
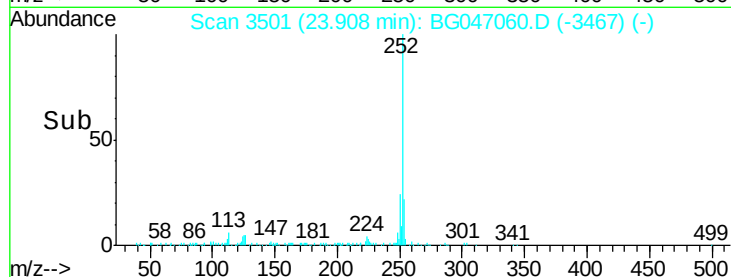
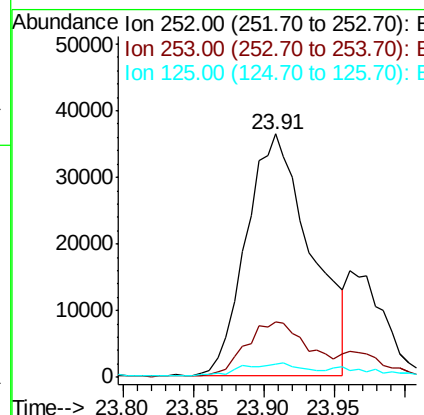
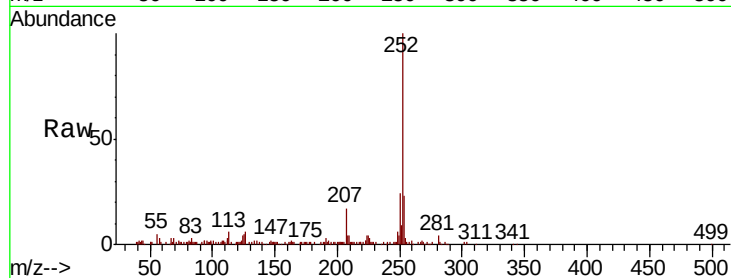
#88
Benzo(b)fluoranthene
Concen: 4.282 ng/ul
RT: 23.91 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG047060.D
Acq: 23 Oct 2020 11:11

Instrument :
BNA_G
ClientSampleId :
BEQD6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	5.4	4.2	6.4

Manual Integrations
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#89
Benzo(k)fluoranthene
Concen: 1.132 ng/ul m
RT: 23.96 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG047060.D
Acq: 23 Oct 2020 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	6.4	4.2	6.2#

