

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047607.D
 Acq On : 5 Dec 2020 15:54
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B94

Manual Integrations
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mohammad
 12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:59:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	38022	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	147053	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	113656	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	275868	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	246822	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	251687	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1365m	1.31	ng/uL	-0.03
5) Phenol-d5	7.38	99	29704	7.79	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	14973	6.88	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.78	132	21954	8.58	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	16794	5.73	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	10774	8.87	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	14700	11.09	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.68	165	29311	9.66	ng/ul	-0.03
29) 4-Chloroaniline-d4	11.21	131	11738	3.82	ng/ul	-0.01
44) Dimethylphthalate-d6	14.26	166	91270	9.35	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	108257	9.60	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	10188	6.84	ng/ul	0.00
58) Fluorene-d10	15.85	176	85055	9.52	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	14242	9.07	ng/ul	-0.02
71) Anthracene-d10	17.70	188	130484	9.53	ng/ul	-0.02
79) Pyrene-d10	19.96	212	148157	10.32	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.03	264	142735	9.85	ng/ul	-0.03

Target Compounds

					Ovalue
6) Phenol	7.41	94	7629	2.088	ng/ul 92
45) Dimethylphthalate	14.30	163	30262	3.041	ng/ul# 96
70) Phenanthrene	17.64	178	44041	2.956	ng/ul 95
77) Fluoranthene	19.63	202	148817	7.910	ng/ul# 98
80) Pyrene	19.99	202	122978	7.034	ng/ul# 92
83) Benzo(a)anthracene	21.86	228	82276	4.685	ng/ul 95
85) Chrysene	21.92	228	71440	4.275	ng/ul 94
88) Benzo(b)fluoranthene	24.19	252	106098	5.970	ng/ul 98
89) Benzo(k)fluoranthene	24.25	252	40380m	2.306	ng/ul
91) Benzo(a)pyrene	25.11	252	70146	4.428	ng/ul# 97
92) Indeno(1,2,3-cd)pyrene	29.14	276	47991m	2.491	ng/ul
94) Benzo(g,h,i)perylene	30.37	276	43141m	2.713	ng/ul

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

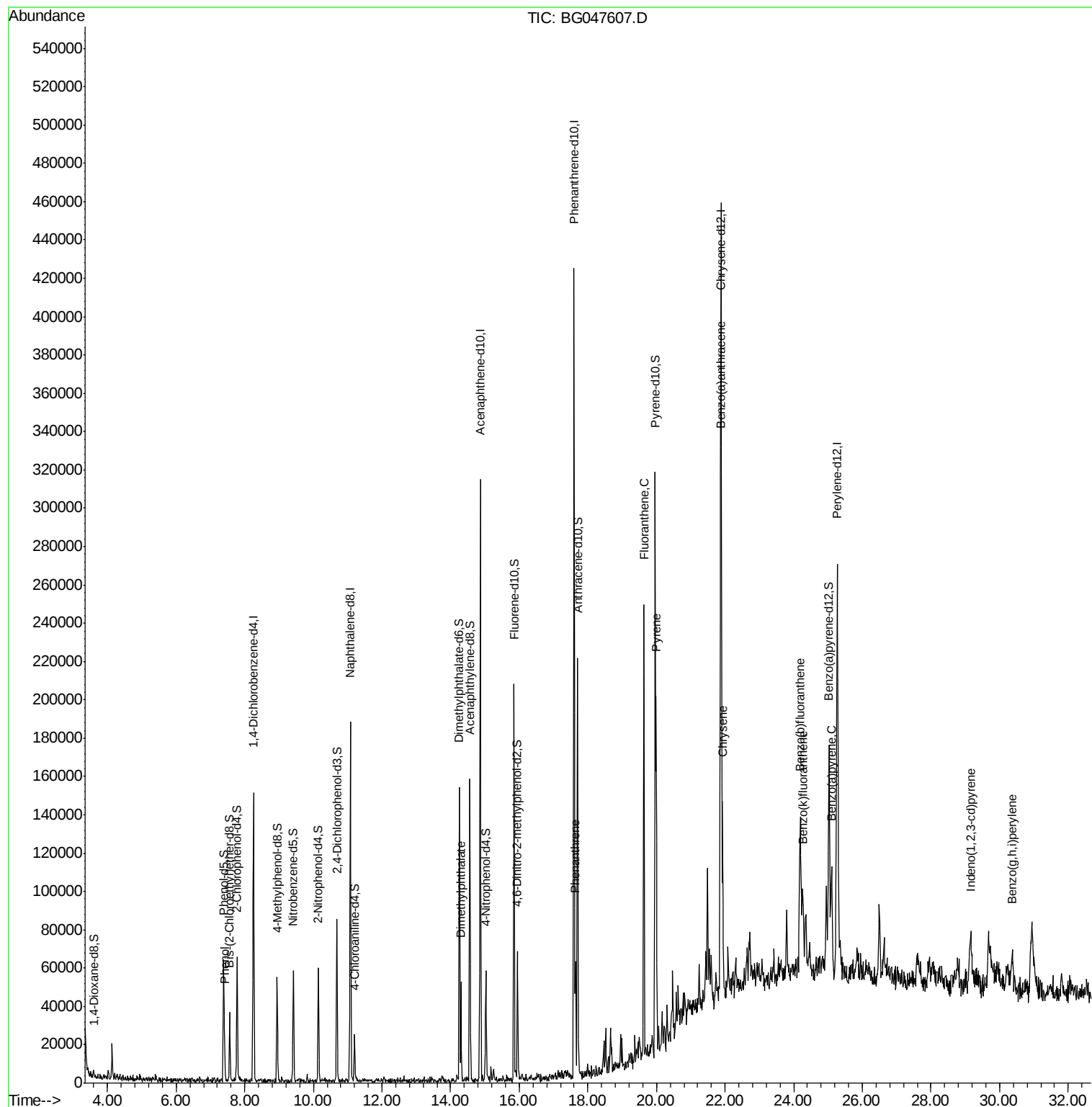
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047607.D
Acq On : 5 Dec 2020 15:54
Operator : CG/JU
Sample : L4859-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

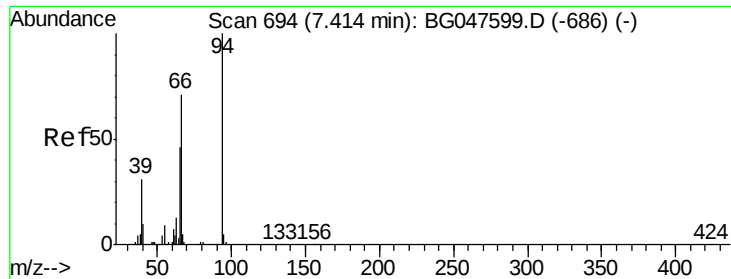
Instrument :
BNA_G
ClientSampleId :
C0B94

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Quant Time: Dec 07 05:59:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.088 ng/ul

RT: 7.41 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG047607.D

Acq: 5 Dec 2020 15:54

Instrument :

BNA_G

ClientSampleId :

C0B94

Tot Ion: 94 Resp: 7629

Ion Ratio Lower Upper

94 100

65 42.5 31.2 46.8

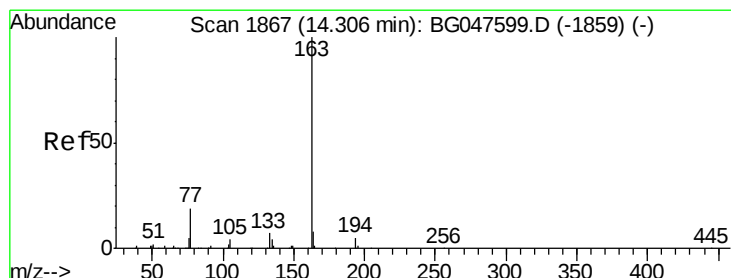
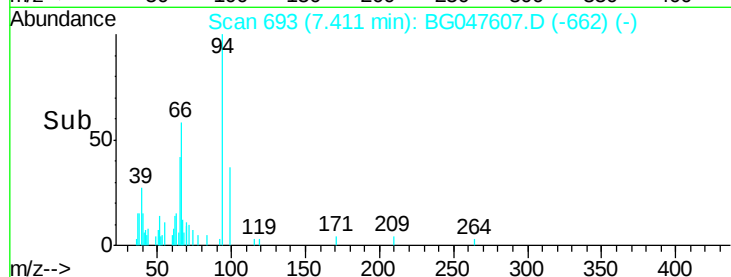
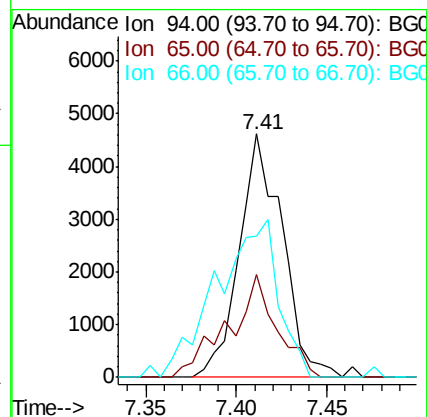
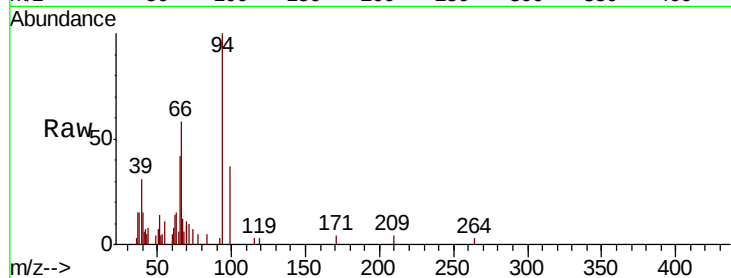
66 58.3 52.2 78.2

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#45

Dimethylphthalate

Concen: 3.041 ng/ul

RT: 14.30 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG047607.D

Acq: 5 Dec 2020 15:54

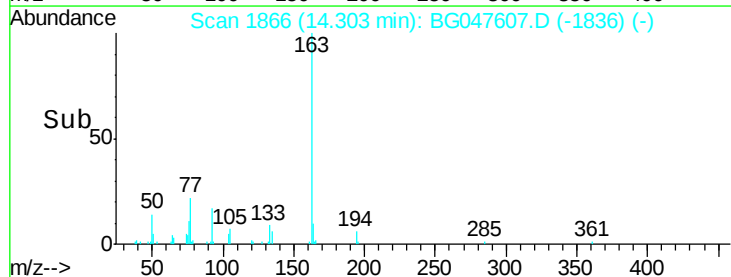
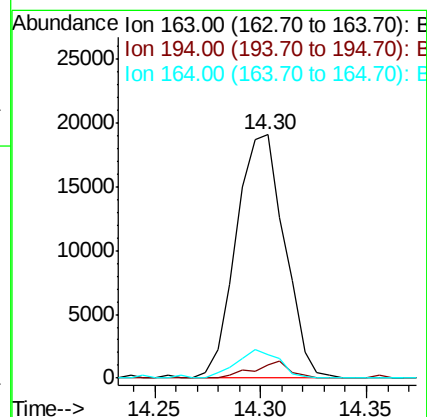
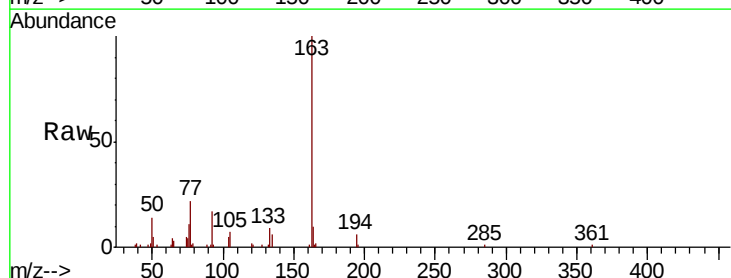
Tgt Ion: 163 Resp: 30262

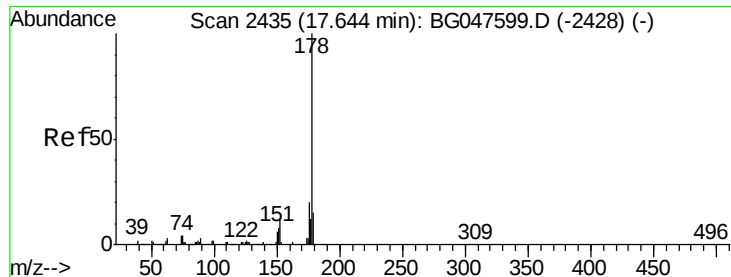
Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

164 9.7 8.8 13.2





#70

Phenanthrene

Concen: 2.956 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. -0.02 min

Lab File: BG047607.D

Acq: 5 Dec 2020 15:54

Instrument :

BNA_G

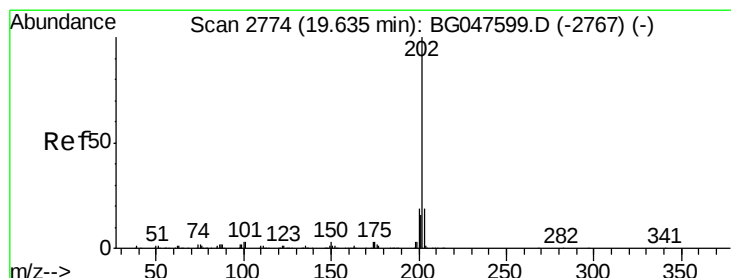
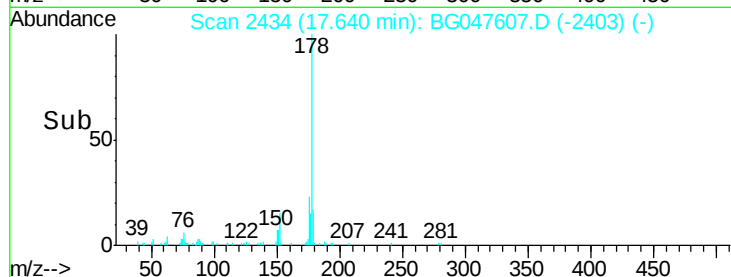
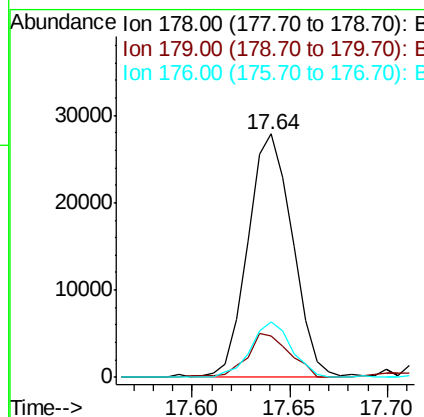
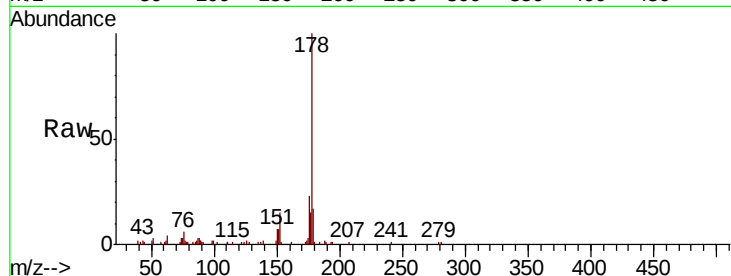
ClientSampleId :

C0B94

Tot Ion:	178	Resp:	44041
Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	22.8	15.7	23.5

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#77

Fluoranthene

Concen: 7.910 ng/ul

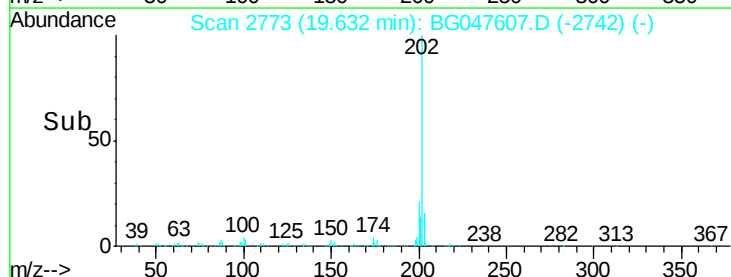
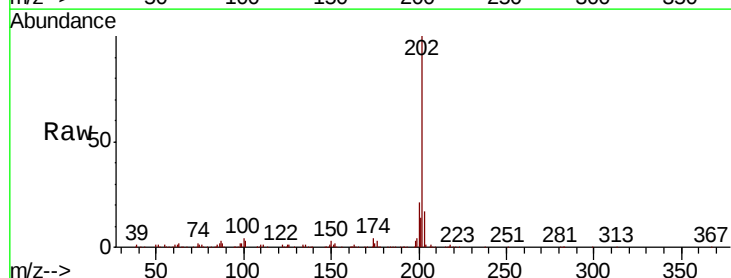
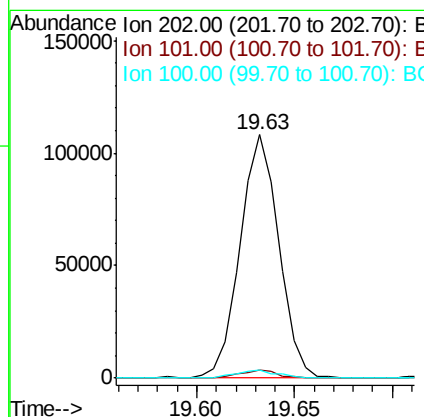
RT: 19.63 min Scan# 2773

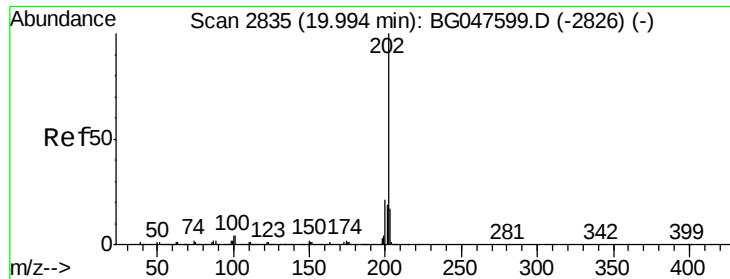
Delta R.T. -0.02 min

Lab File: BG047607.D

Acq: 5 Dec 2020 15:54

Tgt Ion:	202	Resp:	148817
Ion	Ratio	Lower	Upper
202	100		
101	3.1	3.3	4.9#
100	3.6	3.4	5.0





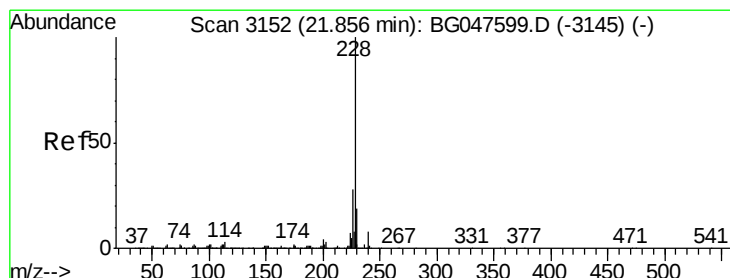
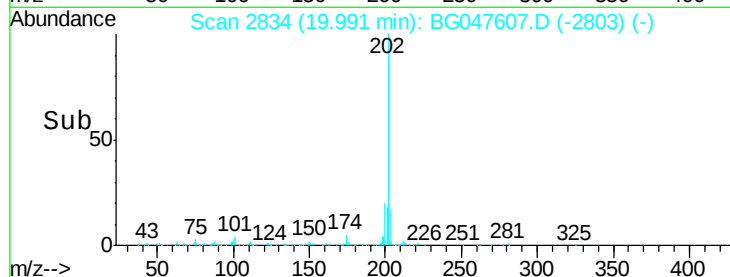
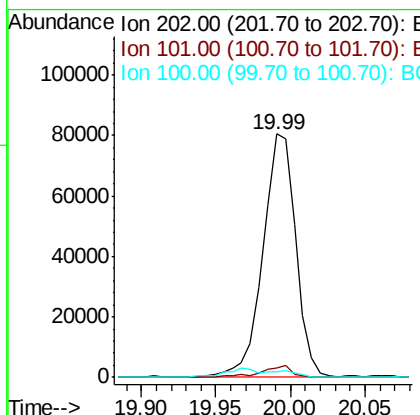
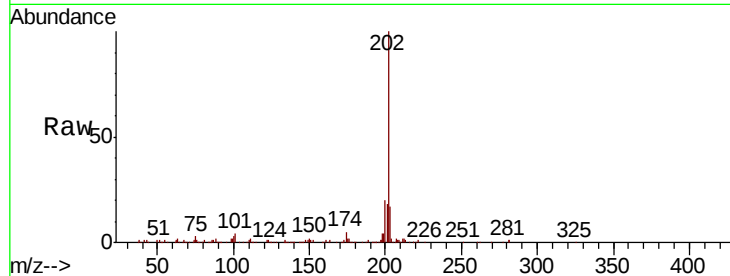
#80
Pvrene
Concen: 7.034 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BG047607.D
Acq: 5 Dec 2020 15:54

Instrument :
BNA_G
ClientSampleId :
C0B94

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.9	5.0	7.4#
100	2.5	4.6	7.0#

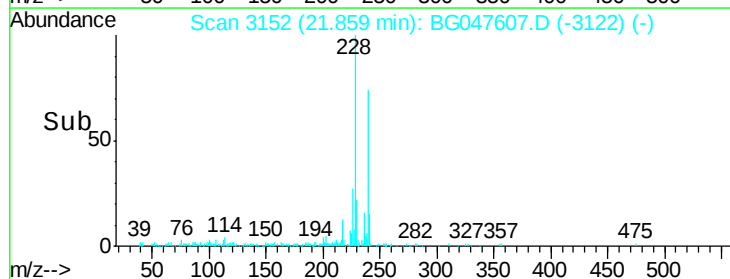
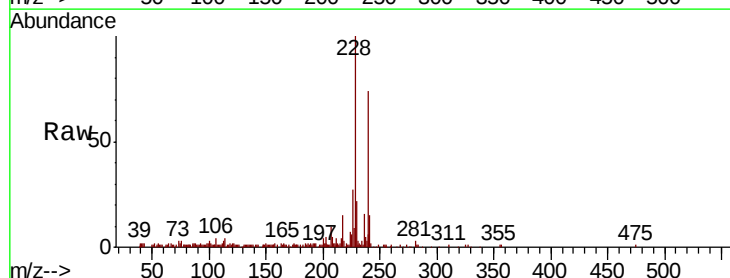
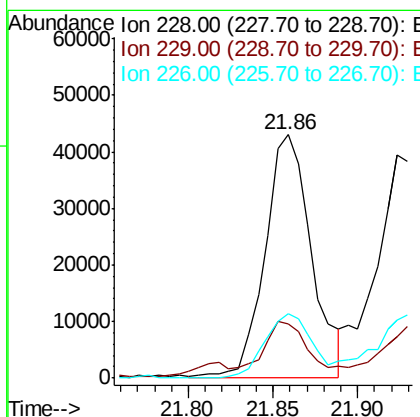
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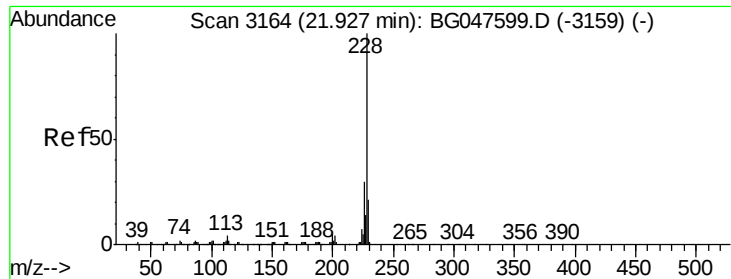
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#83
Benzo(a)anthracene
Concen: 4.685 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047607.D
Acq: 5 Dec 2020 15:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.4	16.2	24.2
226	26.5	23.3	34.9





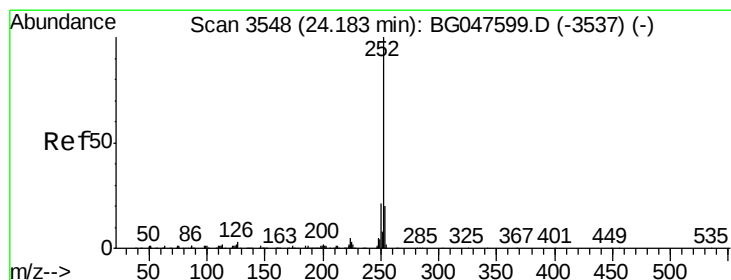
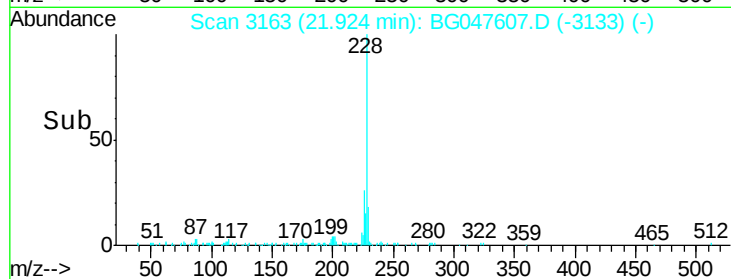
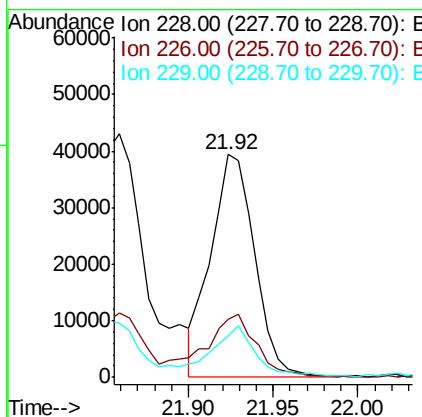
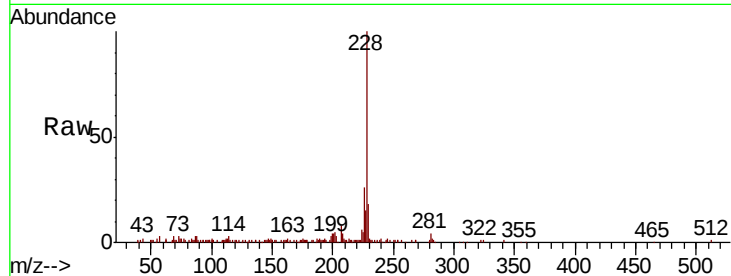
#85
 Chrysene
 Concen: 4.275 ng/ul
 RT: 21.92 min Scan# 3163
 Delta R.T. -0.02 min
 Lab File: BG047607.D
 Acq: 5 Dec 2020 15:54

Instrument :
 BNA_G
 ClientSampled :
 C0B94

Tot Ion:	228	Resp:	71440
Ion Ratio	Lower	Upper	
228	100		
226	26.1	23.8	35.6
229	18.5	16.3	24.5

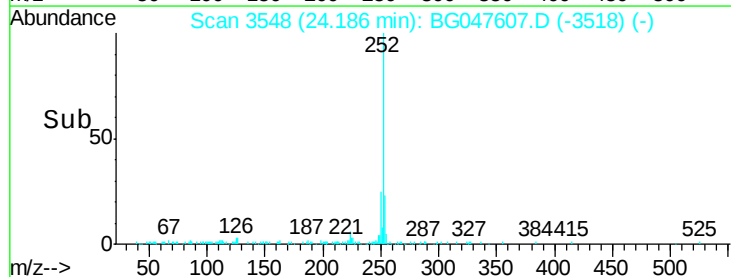
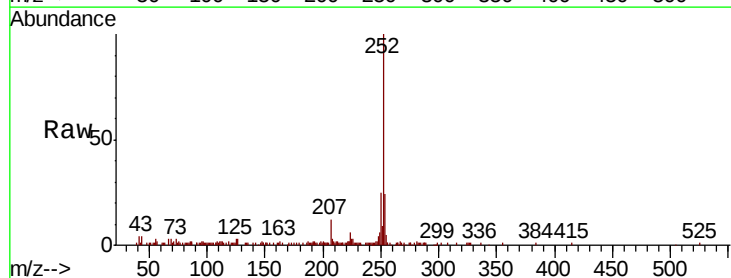
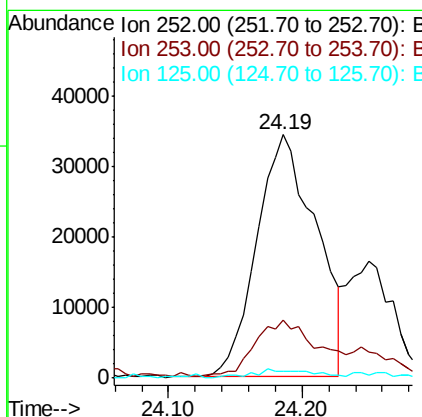
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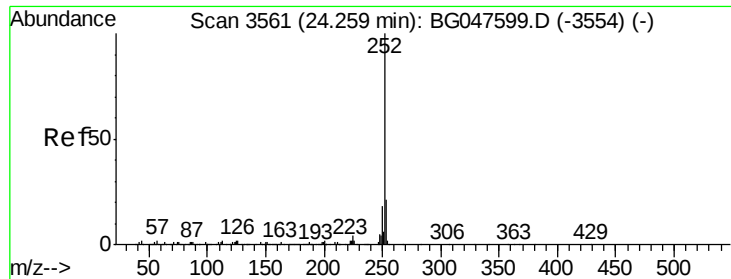
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#88
 Benzo(b)fluoranthene
 Concen: 5.970 ng/ul
 RT: 24.19 min Scan# 3548
 Delta R.T. -0.02 min
 Lab File: BG047607.D
 Acq: 5 Dec 2020 15:54

Tgt Ion:	252	Resp:	106098
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.4	27.6
125	2.9	2.5	3.7





#89

Benzo(k)fluoranthene

Concen: 2.306 ng/ul m

RT: 24.25 min Scan# 3559

Delta R.T. -0.03 min

Lab File: BG047607.D

Acq: 5 Dec 2020 15:54

Instrument :

BNA_G

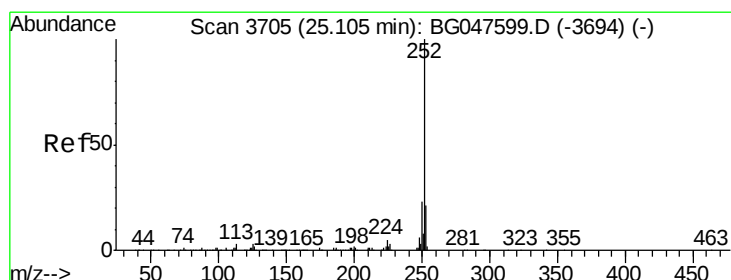
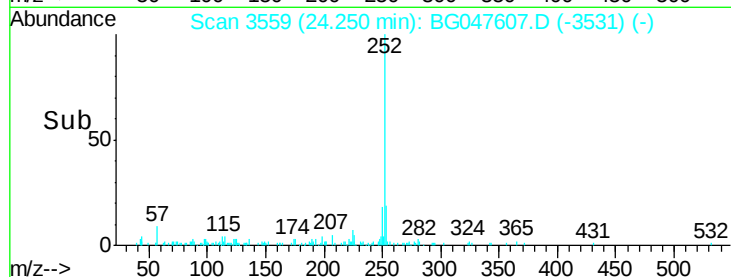
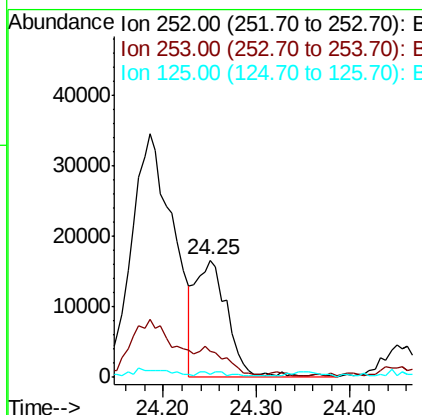
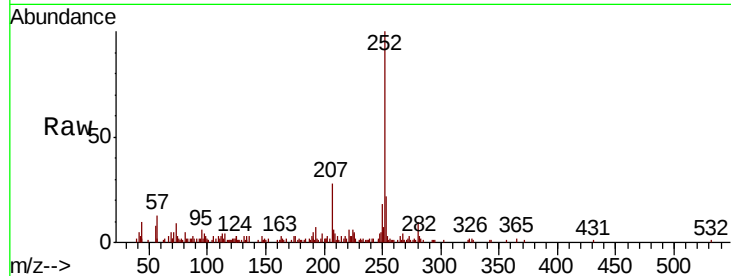
ClientSampled :

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Tot Ion:	252	Resp:	40380
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.7	25.1
125	2.1	2.6	3.8#

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#91

Benzo(a)pyrene

Concen: 4.428 ng/ul

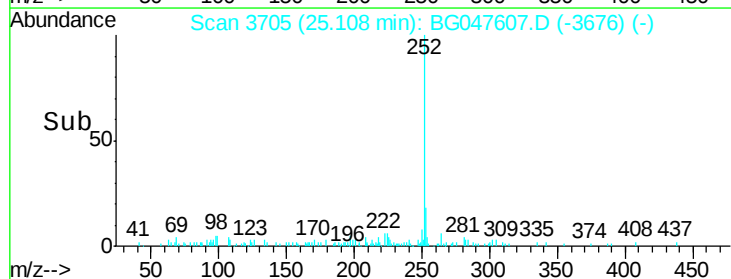
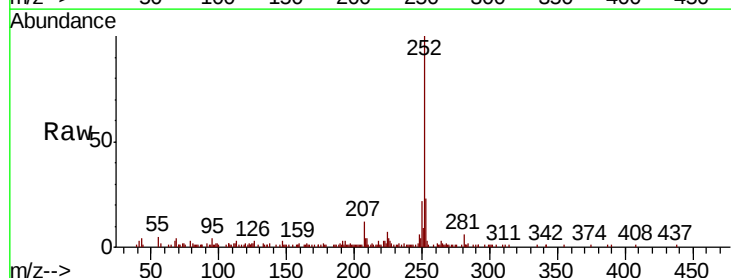
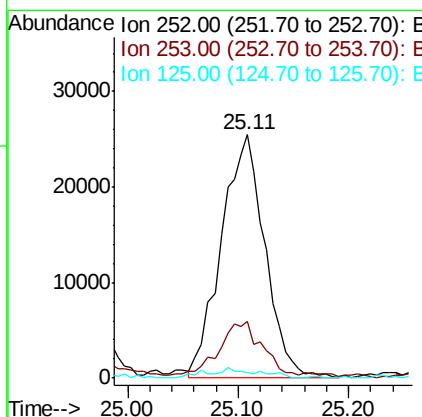
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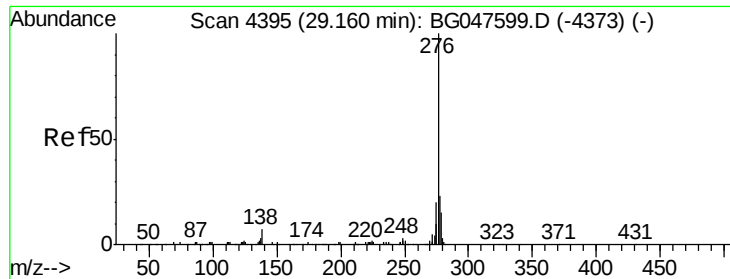
Delta R.T. -0.03 min

Lab File: BG047607.D

Acq: 5 Dec 2020 15:54

Tgt Ion:	252	Resp:	70146
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	2.5	3.1	4.7#





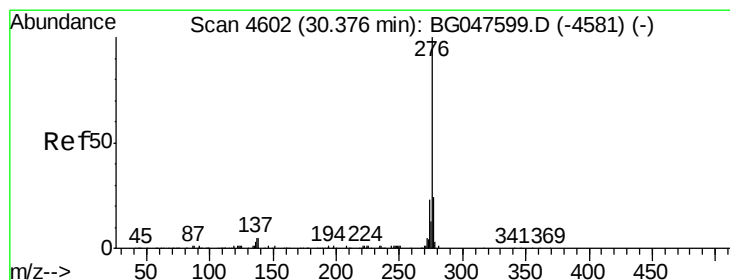
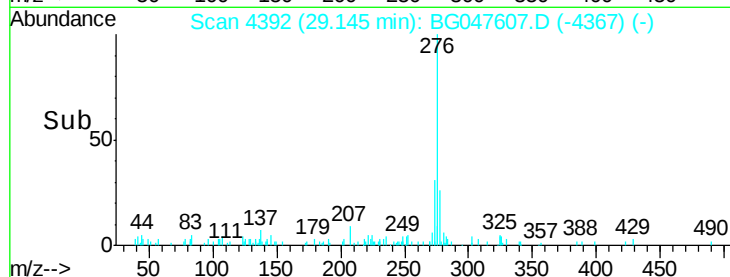
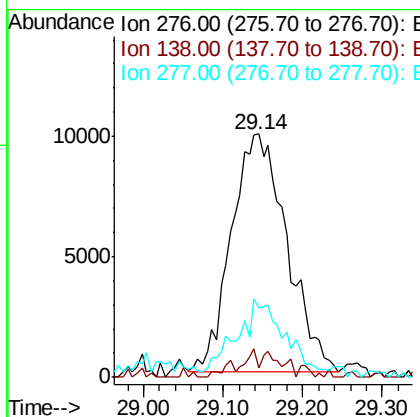
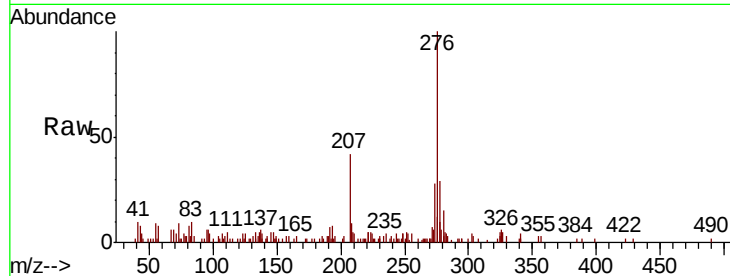
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.491 ng/ul m
 RT: 29.14 min Scan# 4392
 Delta R.T. -0.05 min
 Lab File: BG047607.D
 Acq: 5 Dec 2020 15:54

Instrument :
 BNA_G
 ClientSampleId :
 C0B94

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.7	7.5	11.3#
277	28.7	19.9	29.9

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#94
 Benzo(g,h,i)perylene
 Concen: 2.713 ng/ul m
 RT: 30.37 min Scan# 4600
 Delta R.T. -0.05 min
 Lab File: BG047607.D
 Acq: 5 Dec 2020 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.8	8.2	12.2#
277	20.6	17.5	26.3

