

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047609.D
 Acq On : 5 Dec 2020 17:15
 Operator : CG/JU
 Sample : L4864-22
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B68

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:35 PM

Quant Time: Dec 07 06:09:52 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	8.26	152	41216	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	155845	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	119072	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	284859	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	246942	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	252385	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1499	1.32	ng/uL	-0.01
5) Phenol-d5	7.39	99	34860	8.43	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	21536	9.14	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.77	132	28855	10.41	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	17109	5.39	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	13445	10.44	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	17395	12.38	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.69	165	33718	10.48	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	26622	8.19	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	118989	11.64	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	134815	11.41	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.02	143	11529	7.39	ng/ul	0.00
58) Fluorene-d10	15.85	176	110426	11.79	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	16191	9.99	ng/ul	-0.02
71) Anthracene-d10	17.70	188	172680	12.22	ng/ul	-0.02
79) Pyrene-d10	19.97	212	190601	13.26	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	179940	12.39	ng/ul	-0.03

Target Compounds

					Ovalue
45) Dimethylphthalate	14.30	163	23046	2.210	ng/ul# 97
77) Fluoranthene	19.63	202	101160	5.207	ng/ul# 97
80) Pyrene	20.00	202	98124	5.610	ng/ul# 96
83) Benzo(a)anthracene	21.86	228	108764	6.190	ng/ul 97
85) Chrysene	21.93	228	110663	6.618	ng/ul 99
88) Benzo(b)fluoranthene	24.18	252	157055	8.814	ng/ul 99
89) Benzo(k)fluoranthene	24.25	252	60425m	3.441	ng/ul
91) Benzo(a)pyrene	25.10	252	97229	6.121	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	29.14	276	72695m	3.762	ng/ul
93) Dibenzo(a,h)anthracene	29.20	278	21481m	1.356	ng/ul
94) Benzo(g,h,i)perylene	30.36	276	55151m	3.459	ng/ul

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

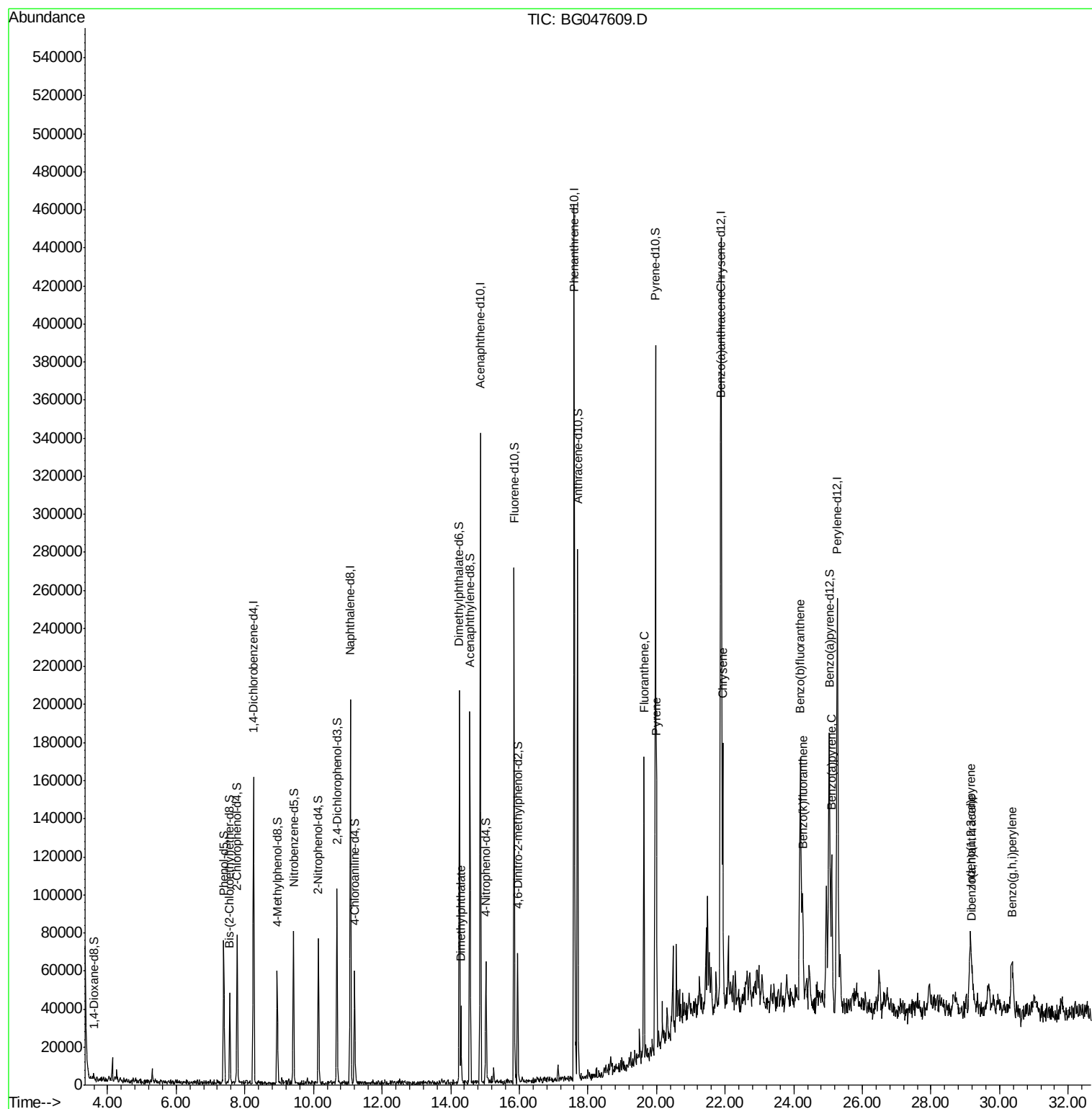
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047609.D
Acq On : 5 Dec 2020 17:15
Operator : CG/JU
Sample : L4864-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

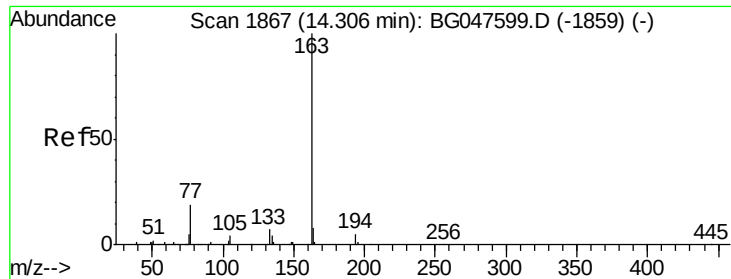
Instrument :
BNA_G
ClientSampleId :
C0B68

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Quant Time: Dec 07 06:09:52 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





#45

Dimethylphthalate

Concen: 2.210 ng/ul

RT: 14.30 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG047609.D

Acq: 5 Dec 2020 17:15

Instrument :

BNA_G

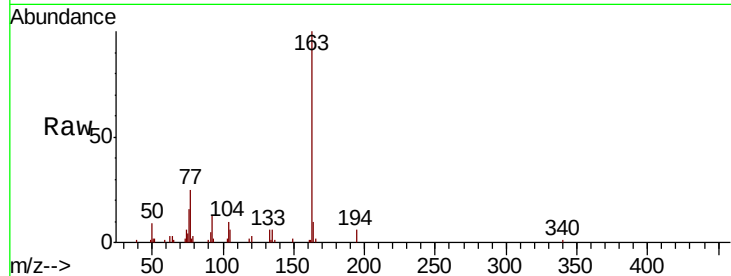
ClientSampleId :

C0B68

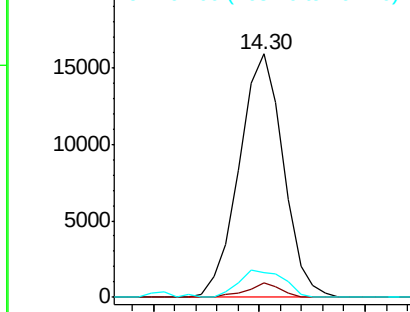
Tot Ion:	163	Resp:	23046
Ion Ratio	Lower	Upper	
163	100		
194	6.0	3.4	5.2#
164	9.9	8.8	13.2

Manual Integrations
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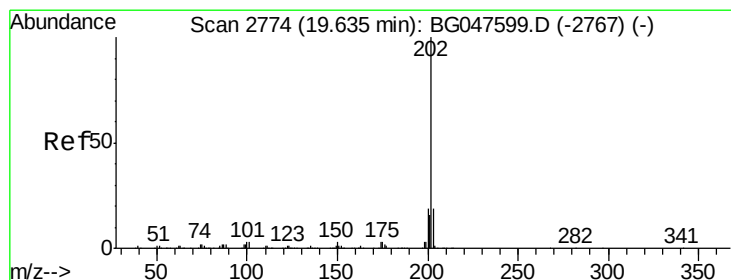
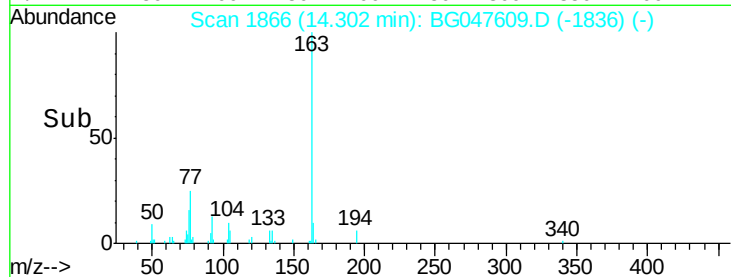
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#77

Fluoranthene

Concen: 5.207 ng/ul

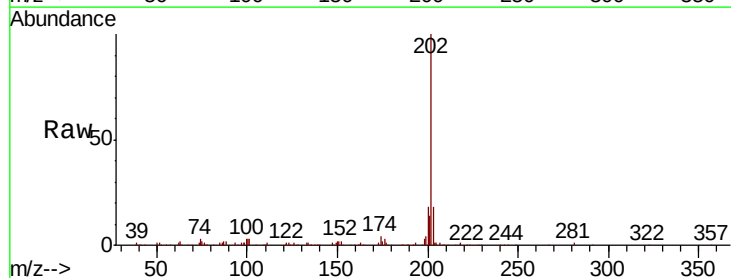
RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

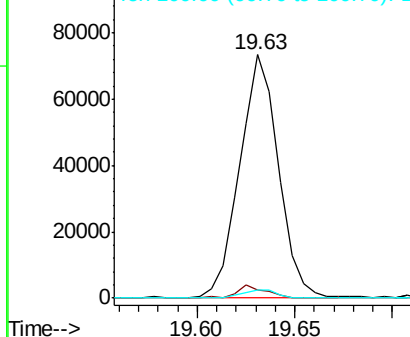
Lab File: BG047609.D

Acq: 5 Dec 2020 17:15

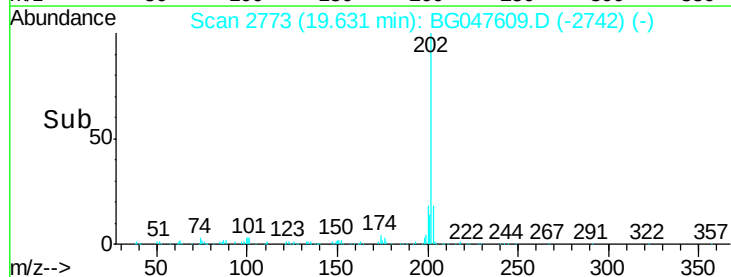
Tgt Ion:	202	Resp:	101160
Ion Ratio	Lower	Upper	
202	100		
101	3.3	3.3	4.9
100	3.1	3.4	5.0#

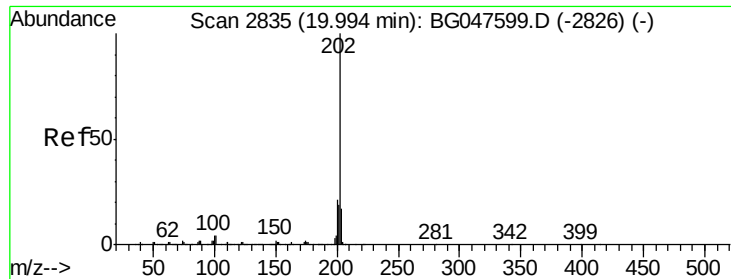


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





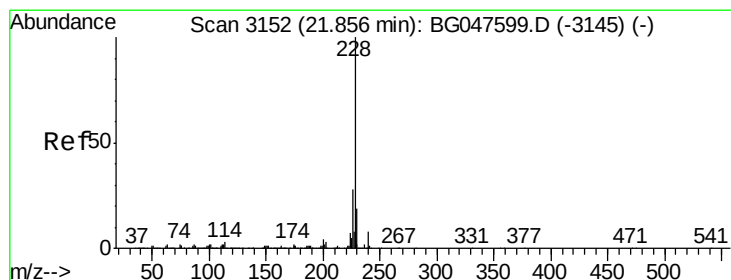
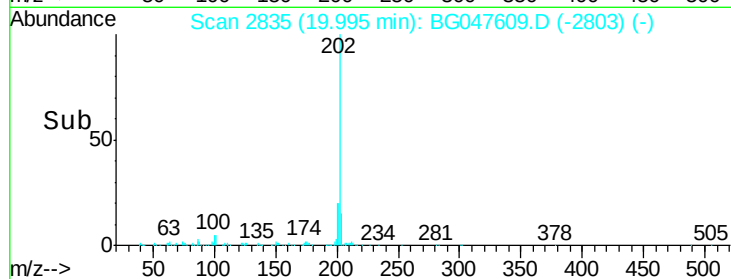
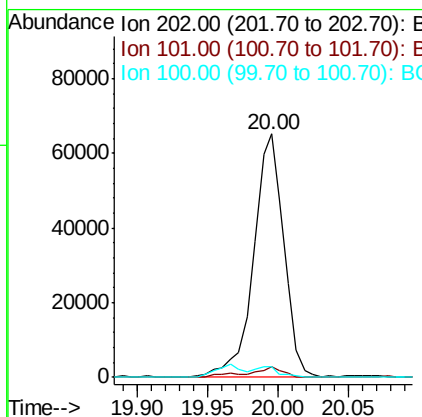
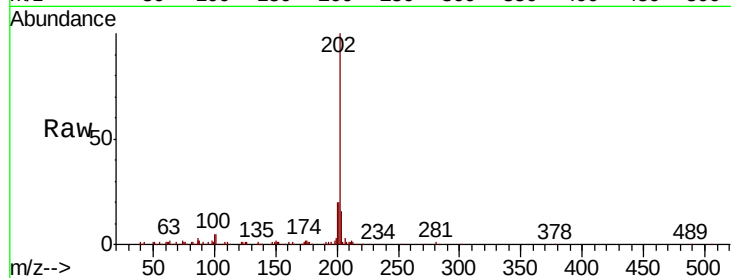
#80
Pvrene
Concen: 5.610 ng/ul
RT: 20.00 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tot Ion	Ratio	Lower	Upper
202	100		
101	4.5	5.0	7.4#
100	4.6	4.6	7.0#

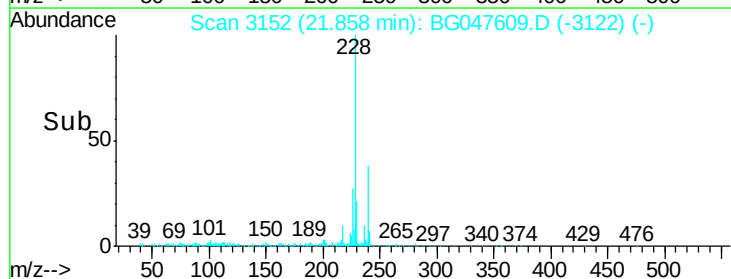
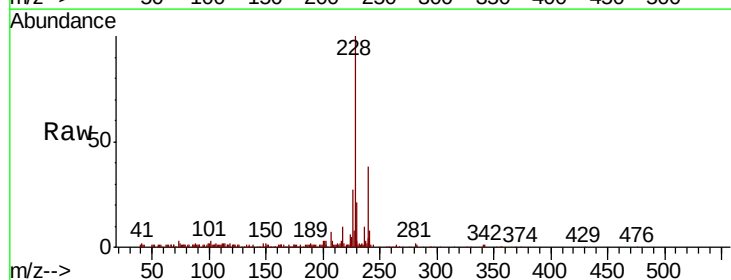
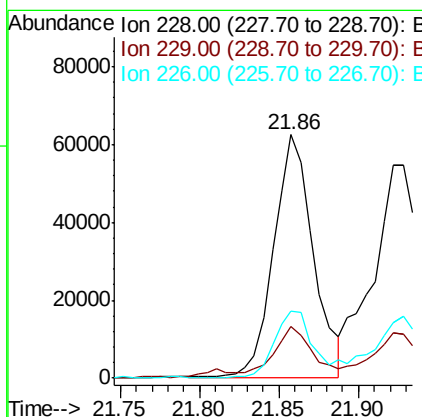
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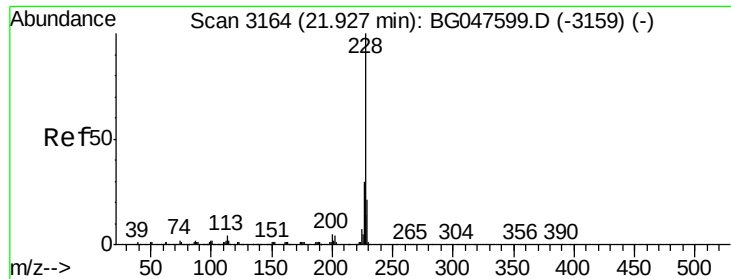
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#83
Benzo(a)anthracene
Concen: 6.190 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	27.5	23.3	34.9





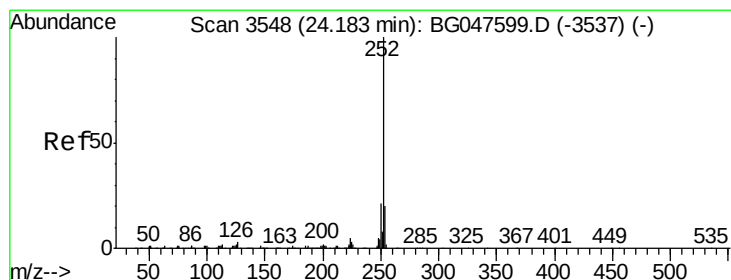
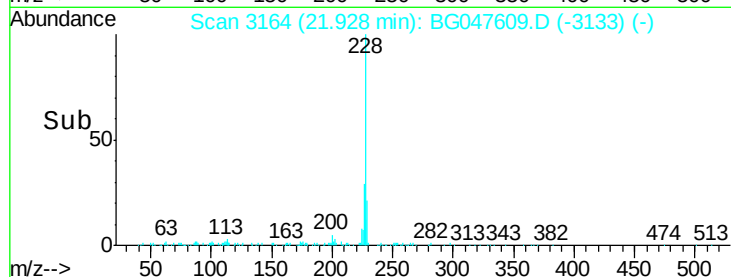
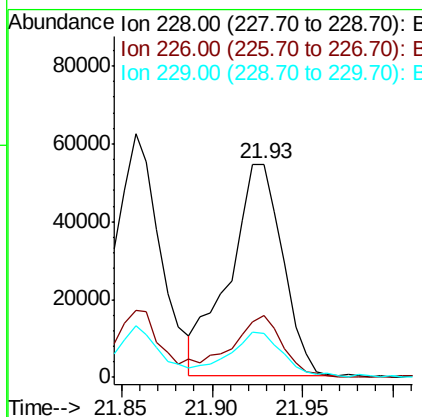
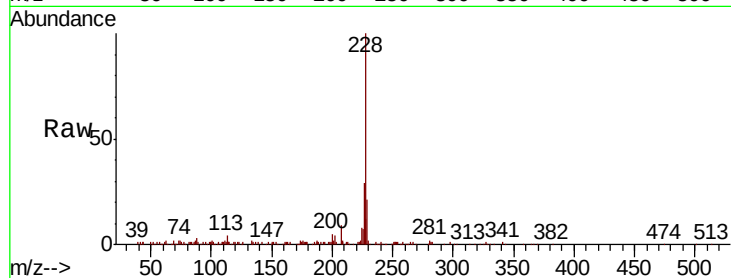
#85
Chrysene
Concen: 6.618 ng/ul
RT: 21.93 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tot Ion:	228	Resp:	110663
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.8	35.6
229	20.8	16.3	24.5

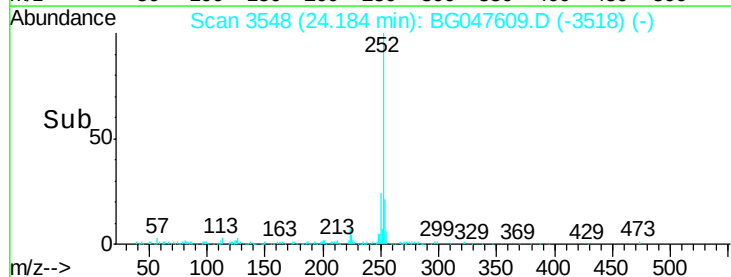
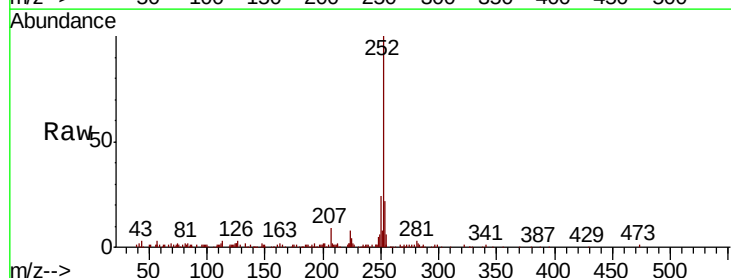
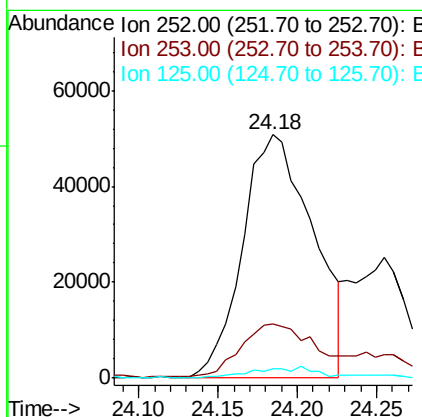
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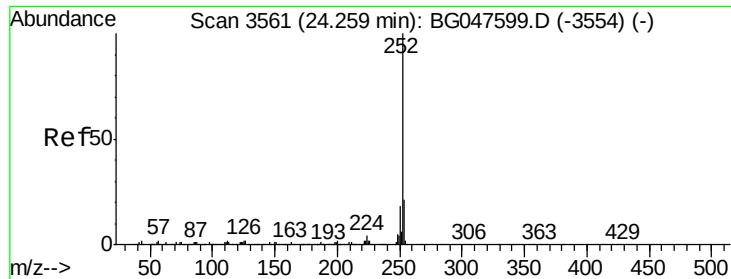
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#88
Benzo(b)fluoranthene
Concen: 8.814 ng/ul
RT: 24.18 min Scan# 3548
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion:	252	Resp:	157055
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	3.6	2.5	3.7





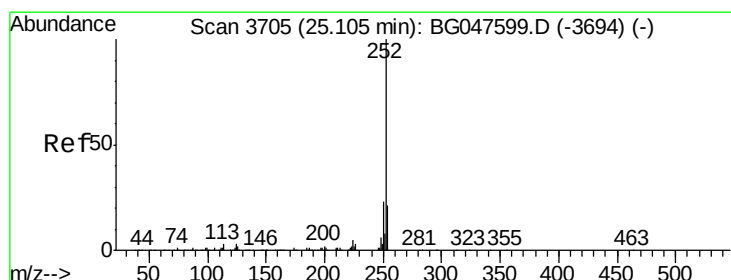
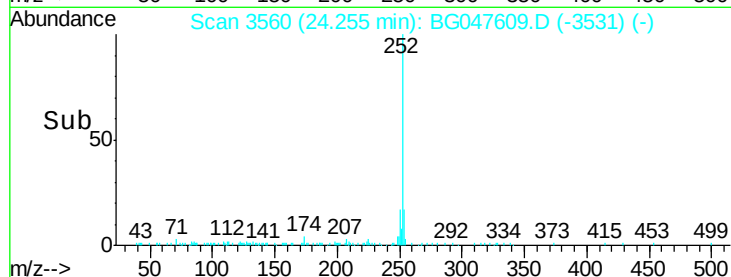
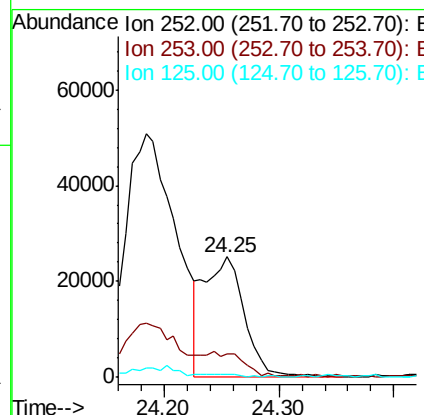
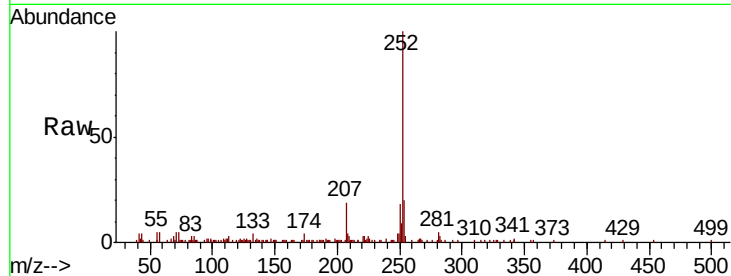
#89
Benzo(k)fluoranthene
Concen: 3.441 ng/ul m
RT: 24.25 min Scan# 3560
Delta R.T. -0.03 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.6	16.7	25.1
125	2.4	2.6	3.8#

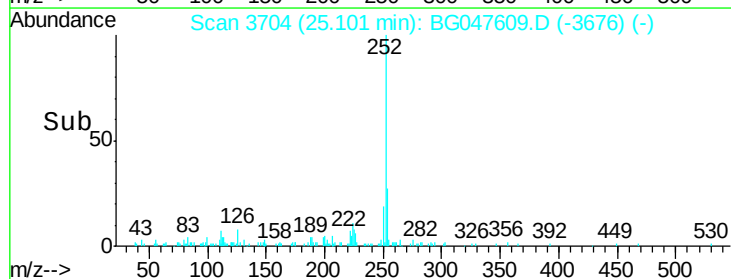
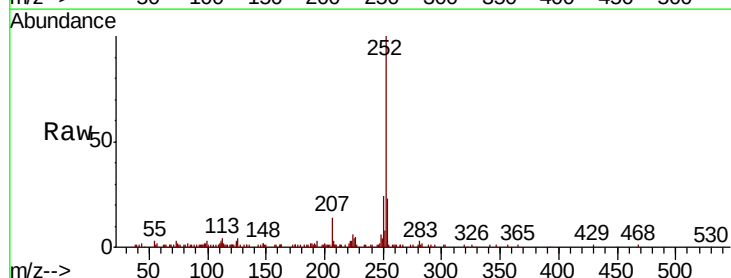
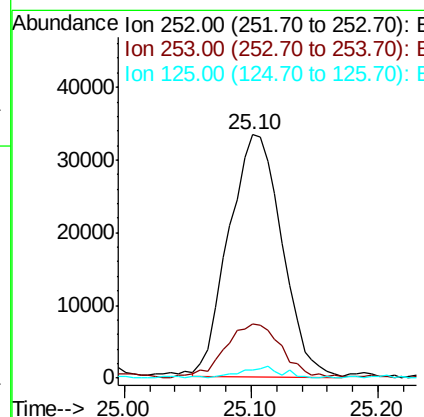
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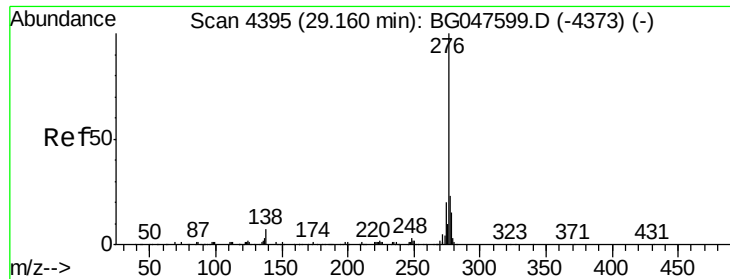
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#91
Benzo(a)pyrene
Concen: 6.121 ng/ul
RT: 25.10 min Scan# 3704
Delta R.T. -0.04 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	3.5	3.1	4.7





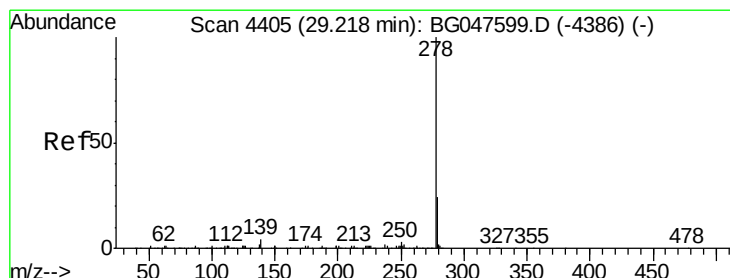
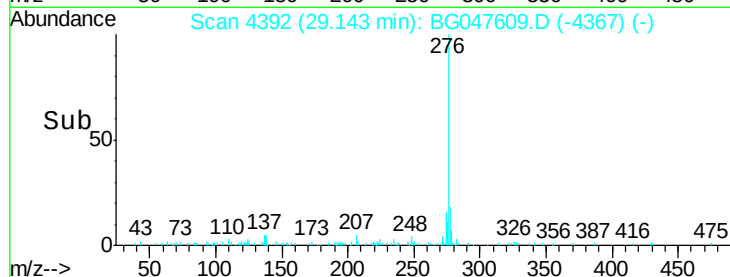
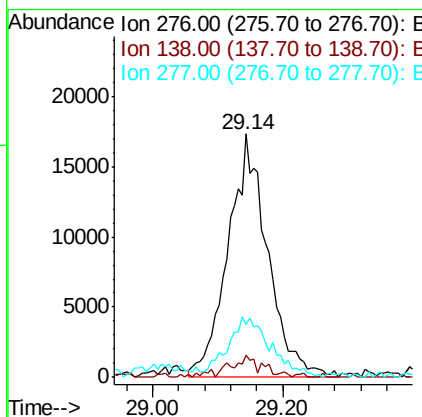
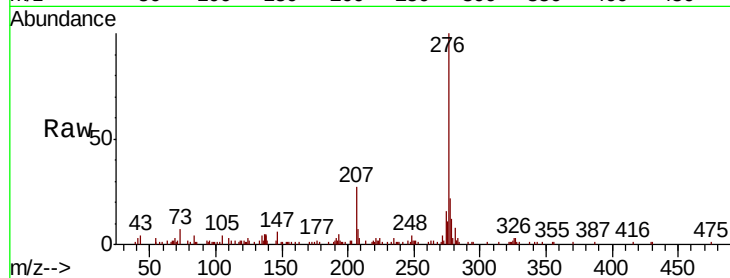
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.762 ng/ul m
RT: 29.14 min Scan# 4392
Delta R.T. -0.05 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.8	7.5	11.3#
277	21.9	19.9	29.9

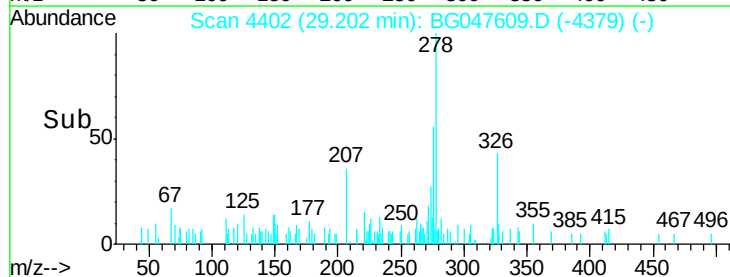
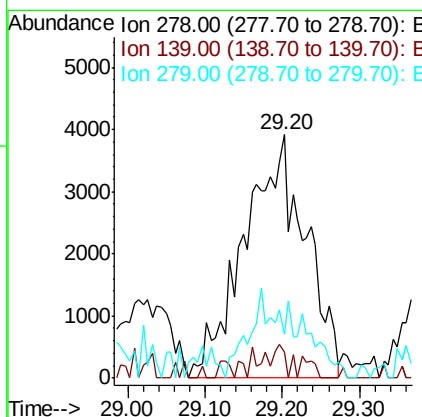
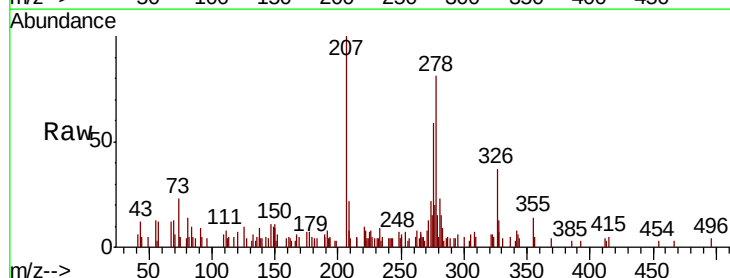
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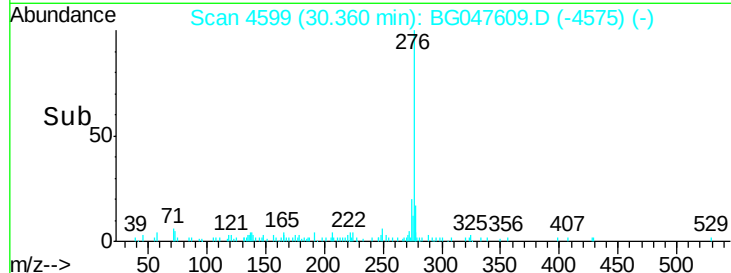
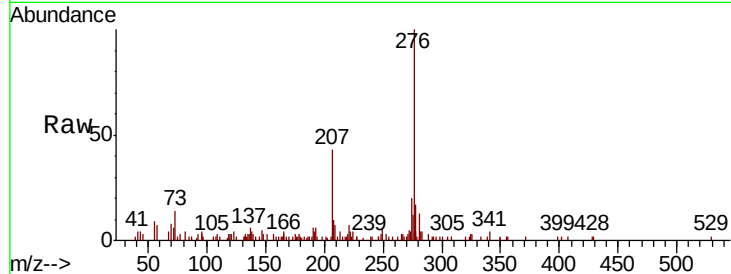
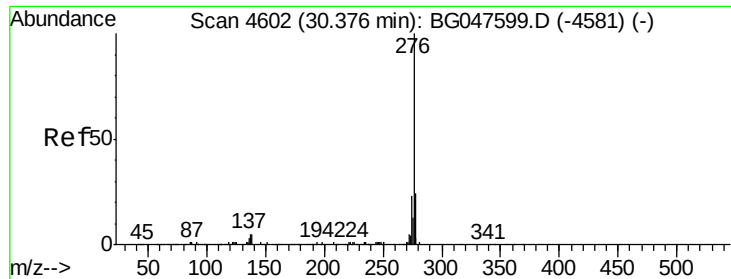
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#93
Dibenzo(a,h)anthracene
Concen: 1.356 ng/ul m
RT: 29.20 min Scan# 4402
Delta R.T. -0.06 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	5.4	5.8	8.6#
279	18.2	20.0	30.0#





#94

Benzo(a,h,i)perylene

Concen: 3.459 ng/ul m

RT: 30.36 min Scan# 4599

Delta R.T. -0.06 min

Lab File: BG047609.D

Acq: 5 Dec 2020 17:15

Instrument :

BNA_G

ClientSampleId :

C0B68

Tot Ion:	276	Resp:	55151
Ion Ratio	Lower	Upper	
276	100		
138	4.3	8.2	12.2#
277	17.4	17.5	26.3#

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