

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

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Quant Time: Nov 20 07:28:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	50530	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	201523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	141836	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	333458	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	308156	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	323408	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3082	2.22	ng/uL	0.00
5) Phenol-d5	7.40	99	68711	13.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	40839	14.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	48217	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	48316	12.41	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	23167	13.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26942	14.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	56836	13.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	54618	12.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	176641	14.51	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	222407	15.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	23979	12.91	ng/ul	0.00
58) Fluorene-d10	15.87	176	160853	14.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	24503	12.91	ng/ul	0.00
71) Anthracene-d10	17.72	188	259417	15.68	ng/ul	0.00
79) Pyrene-d10	19.98	212	303962	16.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	296631	15.94	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	80236	6.460	ng/ul	96
70) Phenanthrene	17.66	178	30003	1.666	ng/ul#	95
77) Fluoranthene	19.65	202	60230	2.648	ng/ul	98
80) Pyrene	20.01	202	60595	2.776	ng/ul	97
83) Benzo(a)anthracene	21.87	228	35038	1.598	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	12821	1.200	ng/ul	98
85) Chrysene	21.95	228	40772m	1.954	ng/ul	
88) Benzo(b)fluoranthene	24.21	252	54799m	2.400	ng/ul	
91) Benzo(a)pyrene	25.14	252	36015	1.769	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.18	276	26598m	1.074	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	24510m	1.200	ng/ul	

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

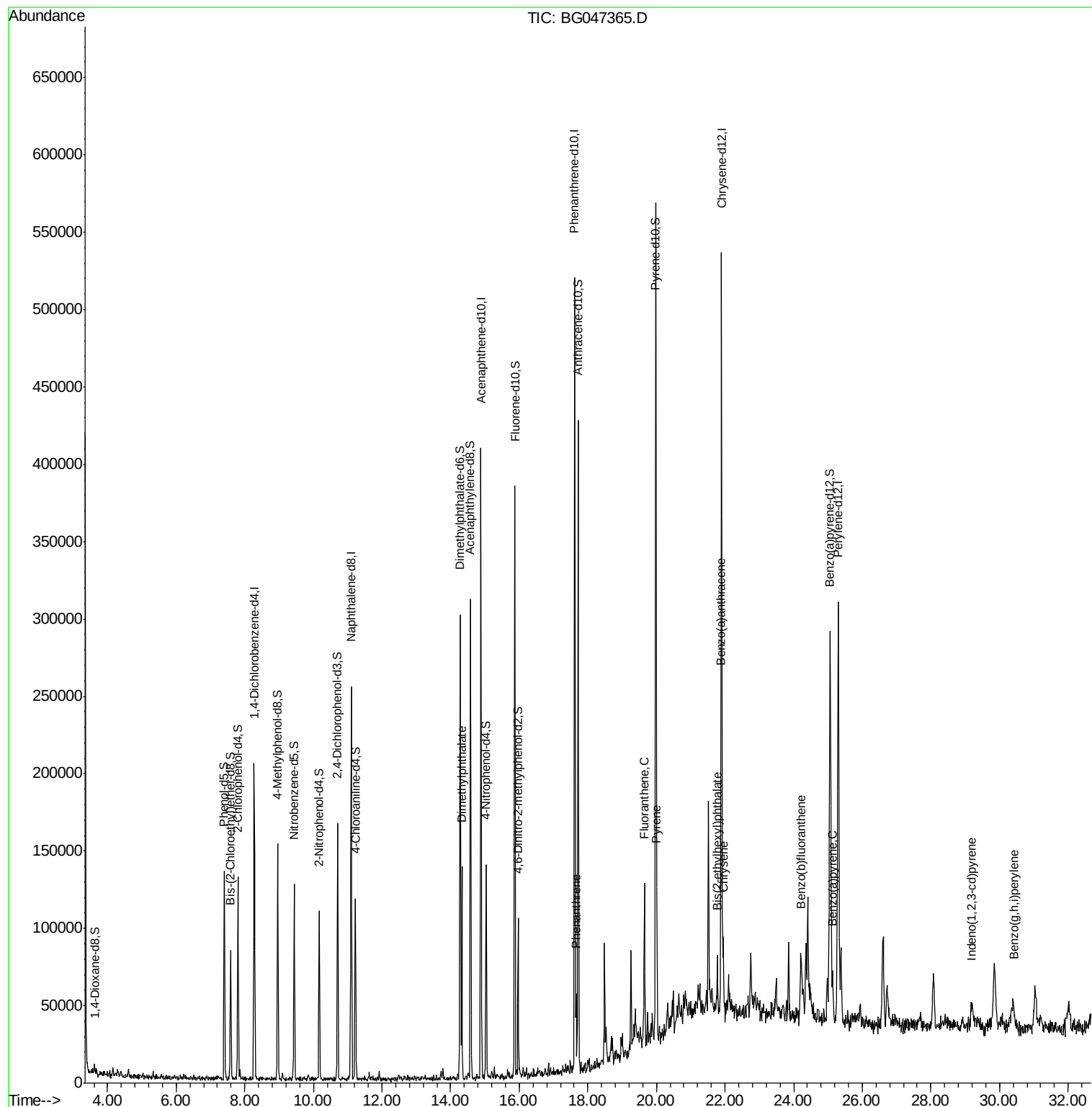
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047365.D
Acq On : 19 Nov 2020 23:25
Operator : CG/JU
Sample : L4710-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

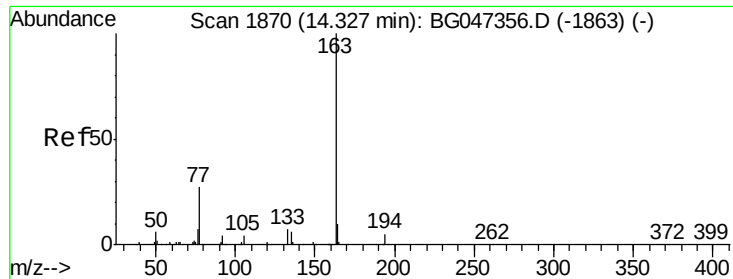
Instrument :
BNA_G
ClientSampleId :
C0AY7

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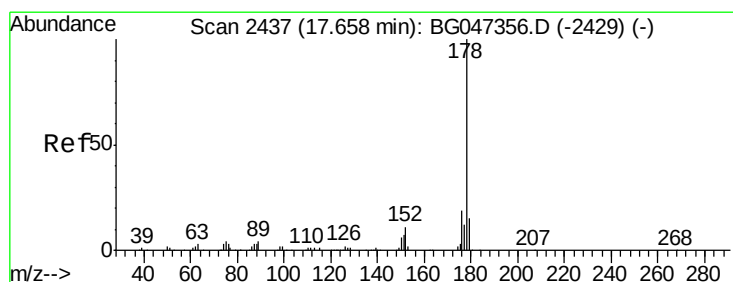
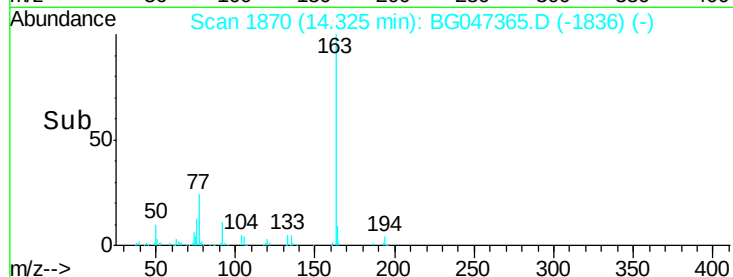
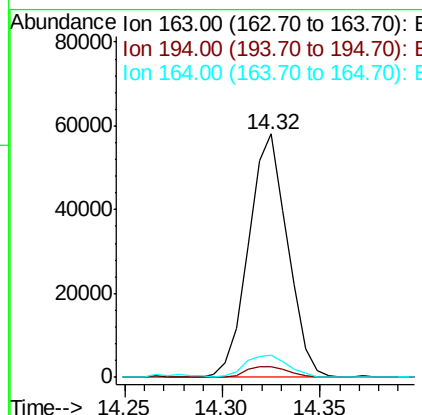
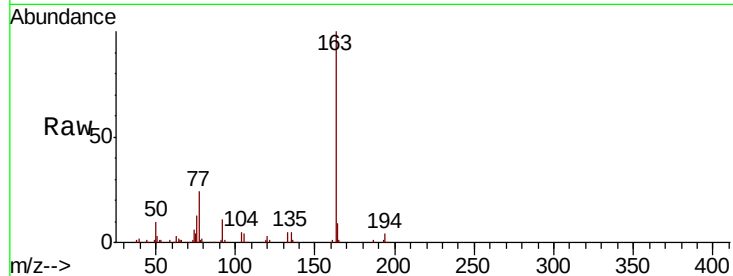
#45
Dimethylphthalate
Concen: 6.460 ng/ul
RT: 14.32 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG047365.D
Acq: 19 Nov 2020 23:25

Instrument :
BNA_G
ClientSampleId :
C0AY7

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.1	8.8	13.2

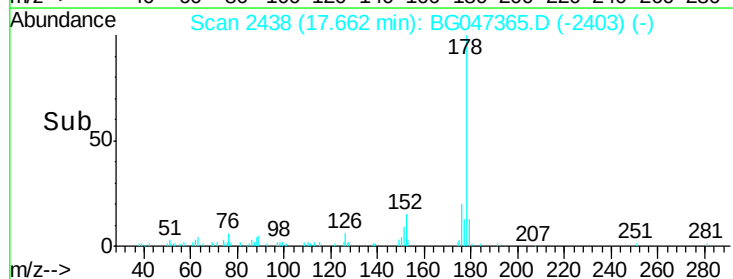
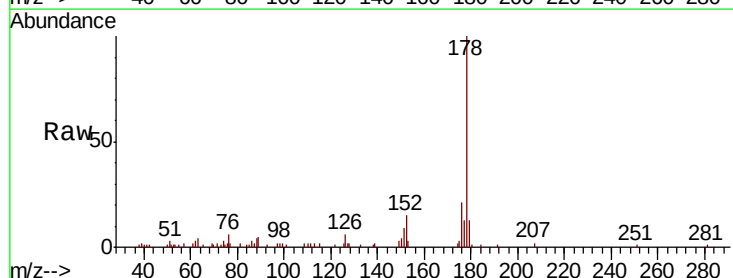
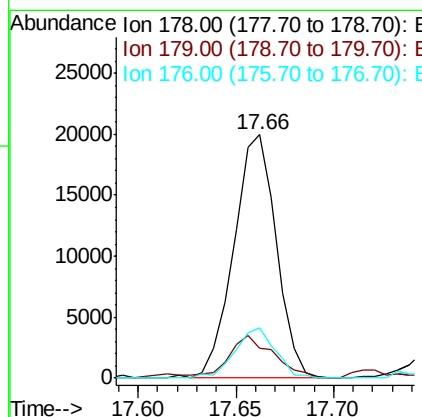
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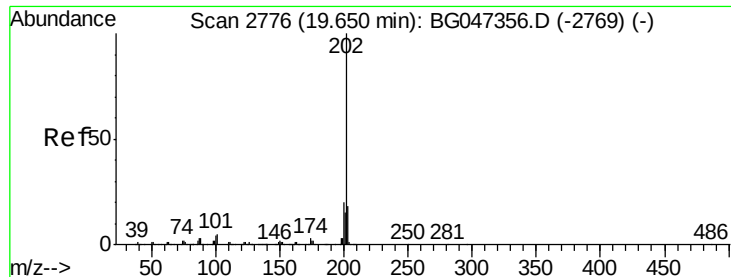
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#70
Phenanthrene
Concen: 1.666 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG047365.D
Acq: 19 Nov 2020 23:25

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	12.5	12.8	19.2#
176	20.6	15.7	23.5





#77

Fluoranthene

Concen: 2.648 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047365.D

Acq: 19 Nov 2020 23:25

Instrument :

BNA_G

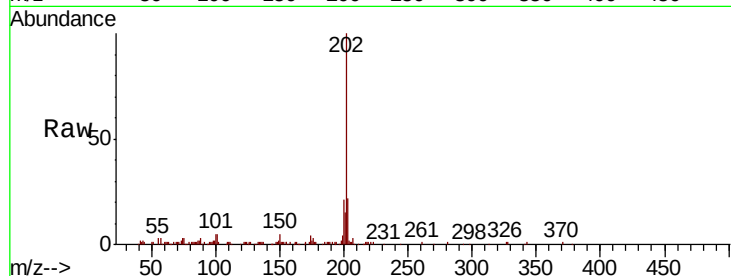
ClientSampled :

C0AY7

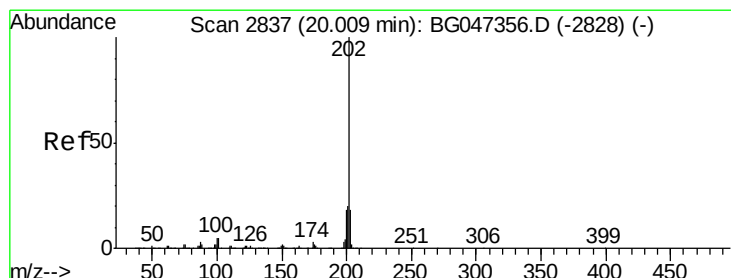
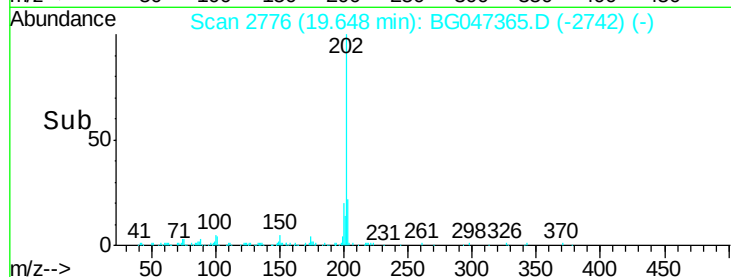
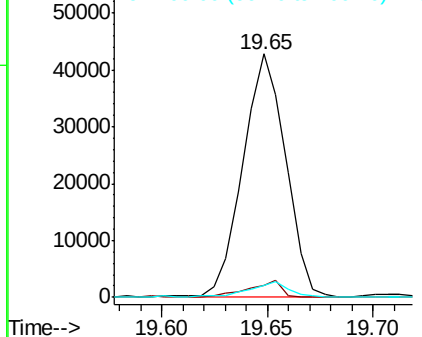
Tot Ion:	202	Resp:	60230
Ion Ratio	Lower	Upper	
202	100		
101	4.7	3.3	4.9
100	4.7	3.4	5.0

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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



#80

Pyrene

Concen: 2.776 ng/ul

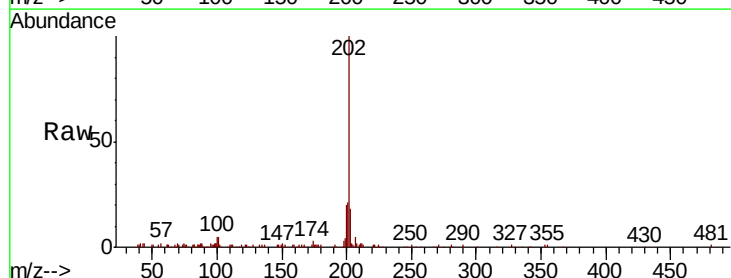
RT: 20.01 min Scan# 2838

Delta R.T. 0.01 min

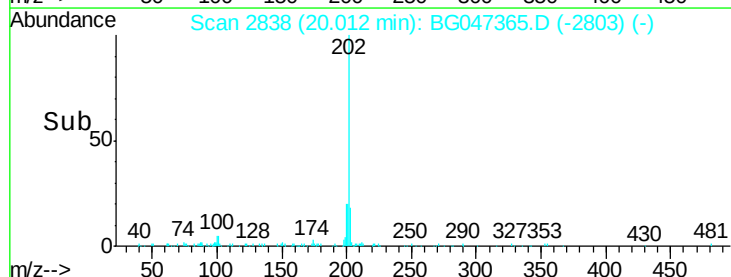
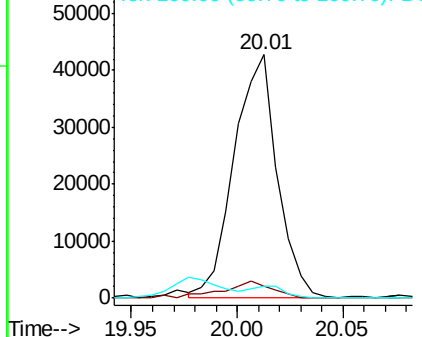
Lab File: BG047365.D

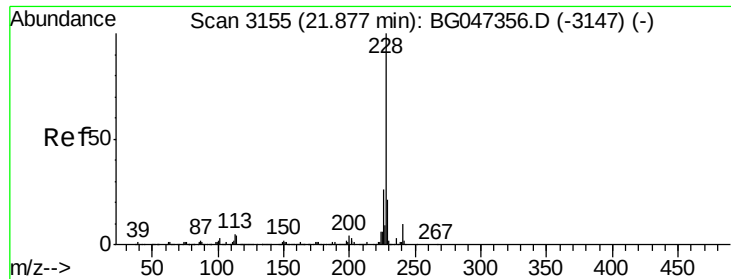
Acq: 19 Nov 2020 23:25

Tgt Ion:	202	Resp:	60595
Ion Ratio	Lower	Upper	
202	100		
101	5.0	5.0	7.4
100	4.7	4.6	7.0



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





#83

Benzo(a)anthracene

Concen: 1.598 ng/ul

RT: 21.87 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG047365.D

Acq: 19 Nov 2020 23:25

Instrument :

BNA_G

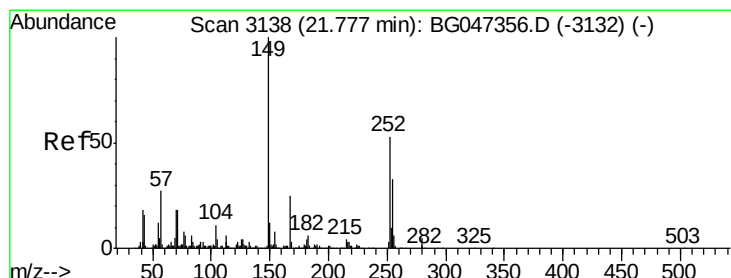
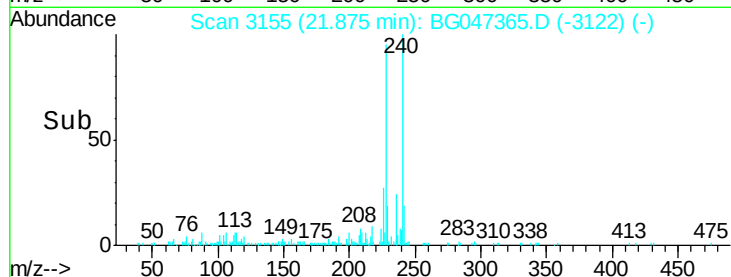
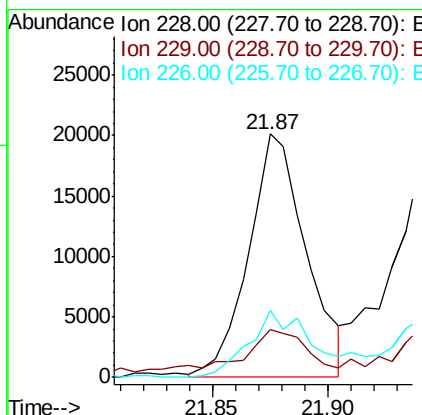
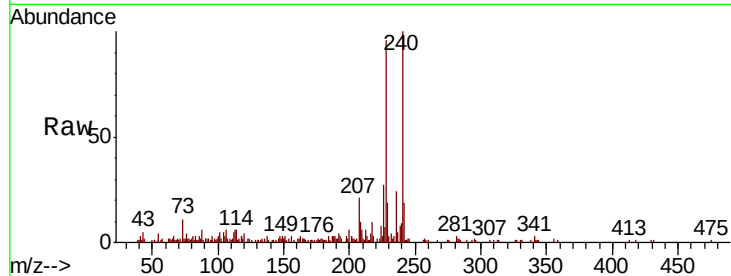
ClientSampled :

C0AY7

Tot Ion:	228	Resp:	35038
Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.2	24.2
226	27.7	23.3	34.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.200 ng/ul

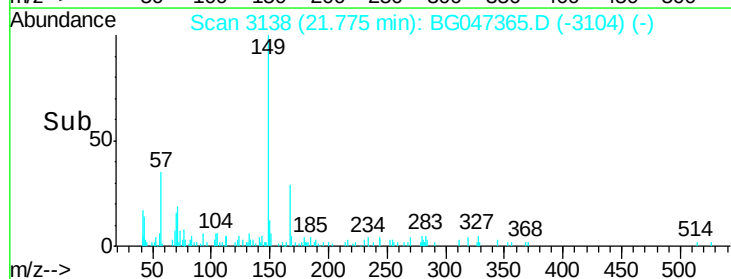
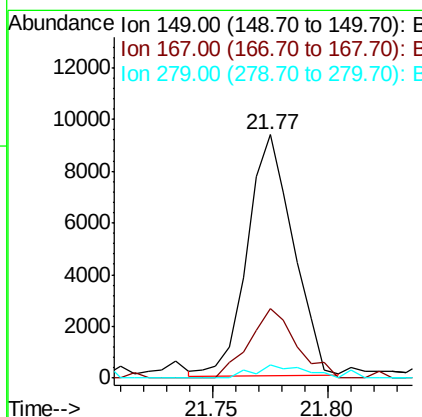
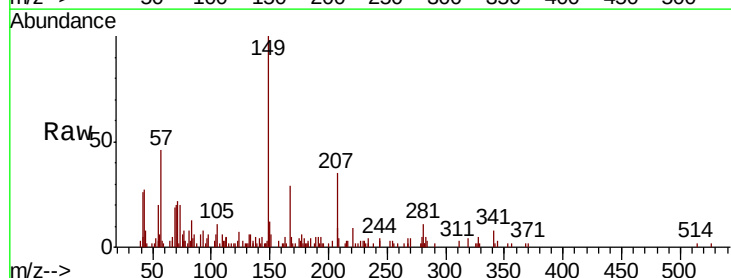
RT: 21.77 min Scan# 3138

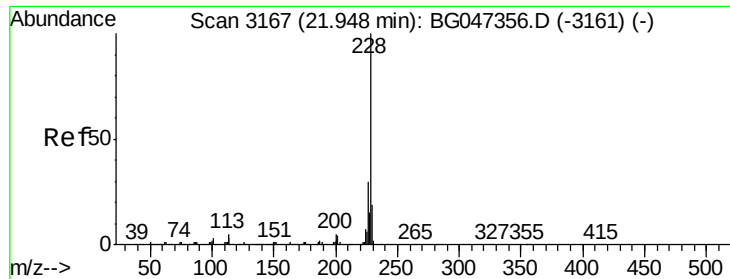
Delta R.T. -0.00 min

Lab File: BG047365.D

Acq: 19 Nov 2020 23:25

Tgt Ion:	149	Resp:	12821
Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.8
279	5.4	4.2	6.2





#85

Chrysene

Concen: 1.954 ng/ul m

RT: 21.95 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG047365.D

Acq: 19 Nov 2020 23:25

Instrument :

BNA_G

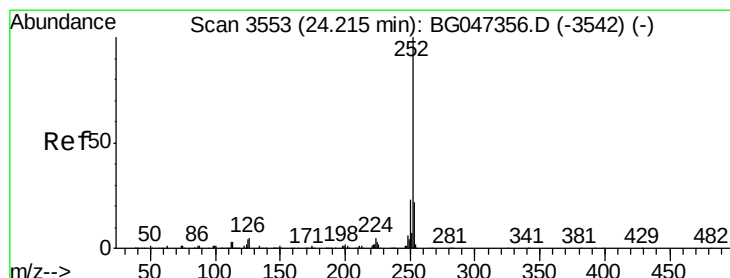
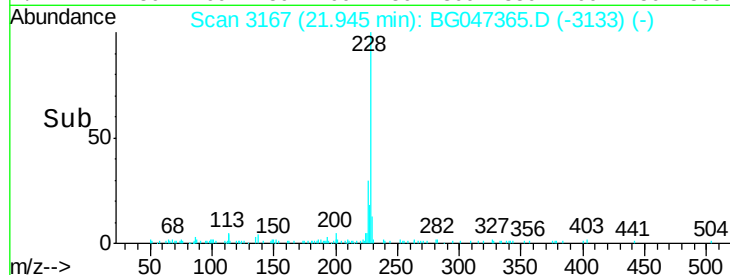
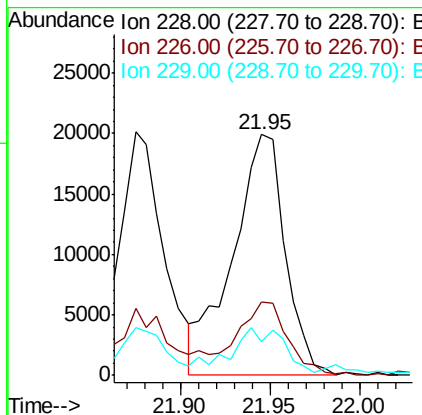
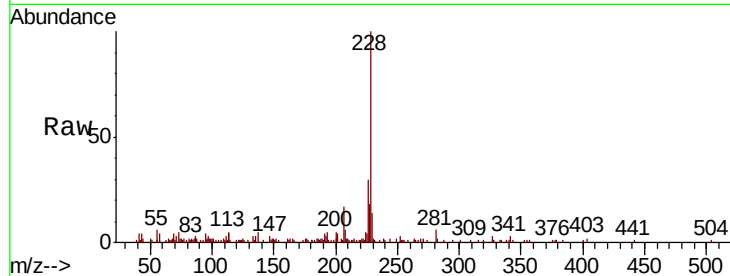
ClientSampleId :

C0AY7

Tot Ion:	228	Resp:	40772
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	14.0	16.3	24.5#

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#88

Benzo(b)fluoranthene

Concen: 2.400 ng/ul m

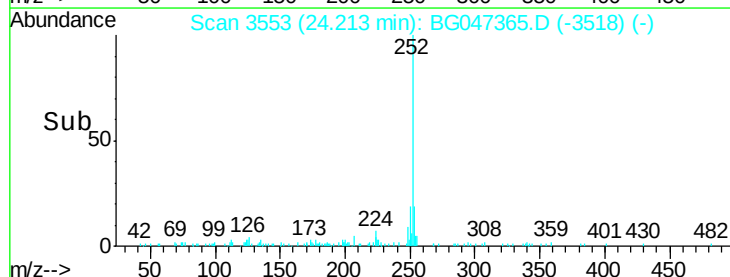
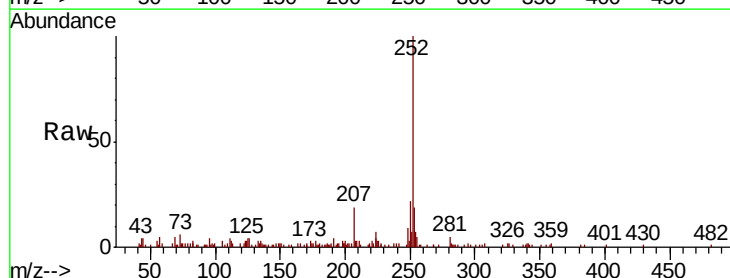
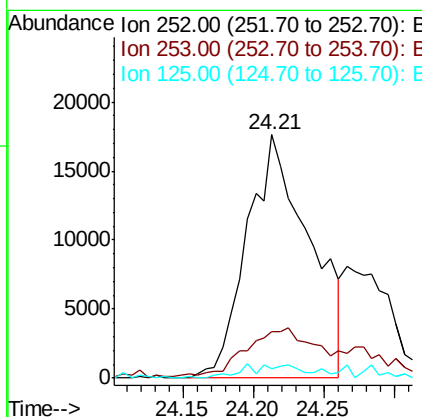
RT: 24.21 min Scan# 3553

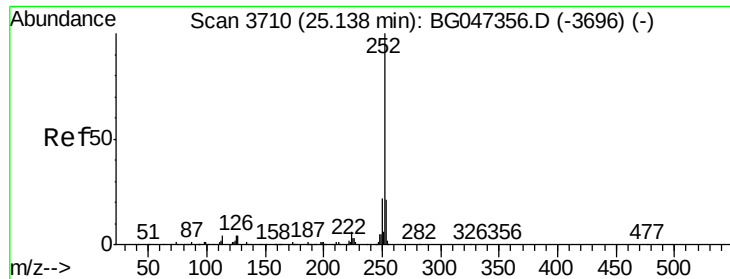
Delta R.T. 0.01 min

Lab File: BG047365.D

Acq: 19 Nov 2020 23:25

Tgt Ion:	252	Resp:	54799
Ion Ratio	Lower	Upper	
252	100		
253	19.2	18.4	27.6
125	4.0	2.5	3.7#





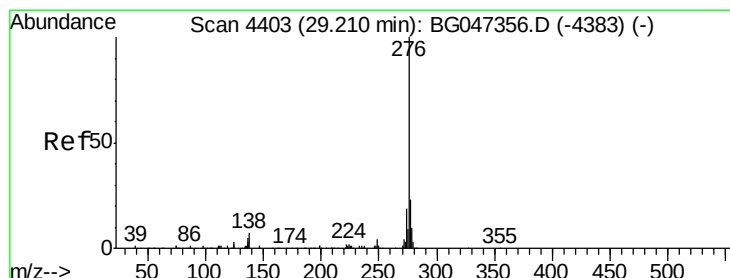
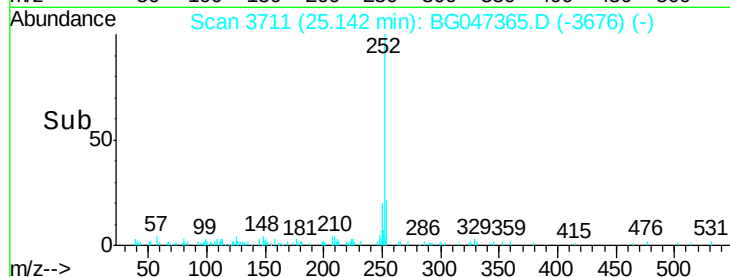
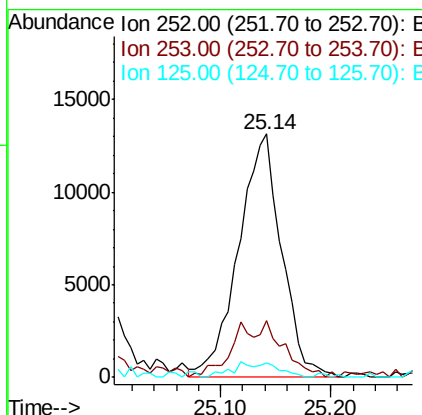
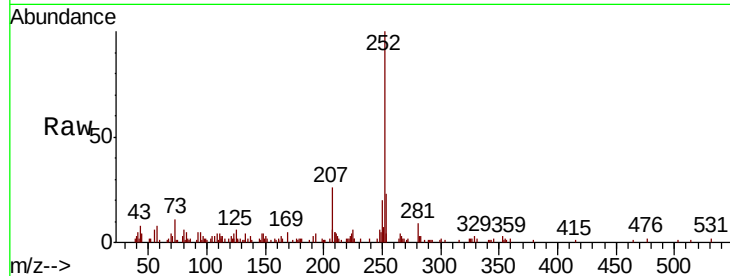
#91
Benzo(a)pyrene
Concen: 1.769 ng/ul
RT: 25.14 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG047365.D
Acq: 19 Nov 2020 23:25

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	5.9	3.1	4.7

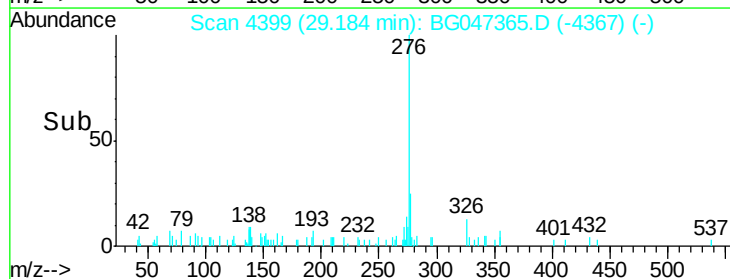
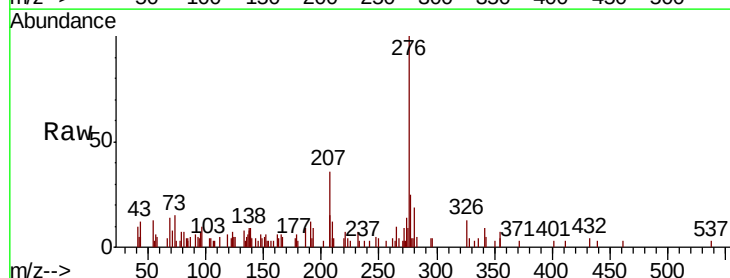
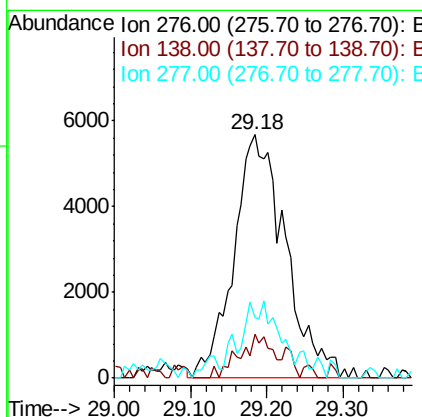
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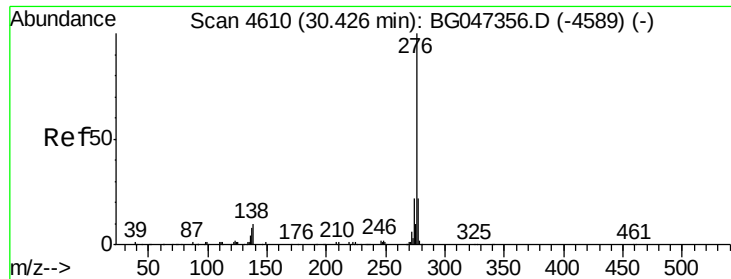
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.074 ng/ul m
RT: 29.18 min Scan# 4399
Delta R.T. -0.01 min
Lab File: BG047365.D
Acq: 19 Nov 2020 23:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.5	7.5	11.3
277	24.7	19.9	29.9





#94

Benzo(a,h,i)perylene

Concen: 1.200 ng/ul m

RT: 30.41 min Scan# 4608

Delta R.T. -0.01 min

Lab File: BG047365.D

Acq: 19 Nov 2020 23:25

Instrument :

BNA_G

ClientSampleId :

C0AY7

Tot Ion:	276	Resp:	24510
Ion Ratio	Lower	Upper	
276	100		
138	15.5	8.2	12.2#
277	24.3	17.5	26.3

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