

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047398.D
 Acq On : 21 Nov 2020 15:14
 Operator : CG/JU
 Sample : L4711-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B08

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:35 AM

Quant Time: Nov 23 04:54:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	35737	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	138745	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.89	164	99318	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	198422	20.00	ng/ul	0.01
78) Chrysene-d12	21.91	240	169647	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	187441	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1620	1.65	ng/uL	0.00
5) Phenol-d5	7.41	99	55090	15.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	31492	15.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	39886	16.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	45782	16.62	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	19959	17.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	23974	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	52329	18.28	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	55218	19.07	ng/ul	0.01
44) Dimethylphthalate-d6	14.29	166	158742	18.62	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	194779	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	21074	16.20	ng/ul	0.02
58) Fluorene-d10	15.88	176	135814	17.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	14844	13.14	ng/ul	0.01
71) Anthracene-d10	17.72	188	184728	18.77	ng/ul	0.00
79) Pyrene-d10	19.99	212	176290	17.86	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.08	264	190465	17.65	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	20839	2.396	ng/ul#	96
70) Phenanthrene	17.67	178	21643	2.020	ng/ul	93
77) Fluoranthene	19.66	202	53278	3.937	ng/ul#	97
80) Pyrene	20.01	202	41602	3.462	ng/ul#	96
83) Benzo(a)anthracene	21.89	228	25076	2.077	ng/ul#	81
84) Bis(2-ethylhexyl)phthalate	21.78	149	8586	1.459	ng/ul#	38
85) Chrysene	21.96	228	22125	1.926	ng/ul#	82
88) Benzo(b)fluoranthene	24.22	252	16692	1.261	ng/ul#	75
89) Benzo(k)fluoranthene	24.30	252	16193m	1.242	ng/ul	
91) Benzo(a)pyrene	25.16	252	19418	1.646	ng/ul#	58
92) Indeno(1,2,3-cd)pyrene	29.24	276	26136m	1.821	ng/ul	
94) Benzo(g,h,i)perylene	30.46	276	17302m	1.461	ng/ul	

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

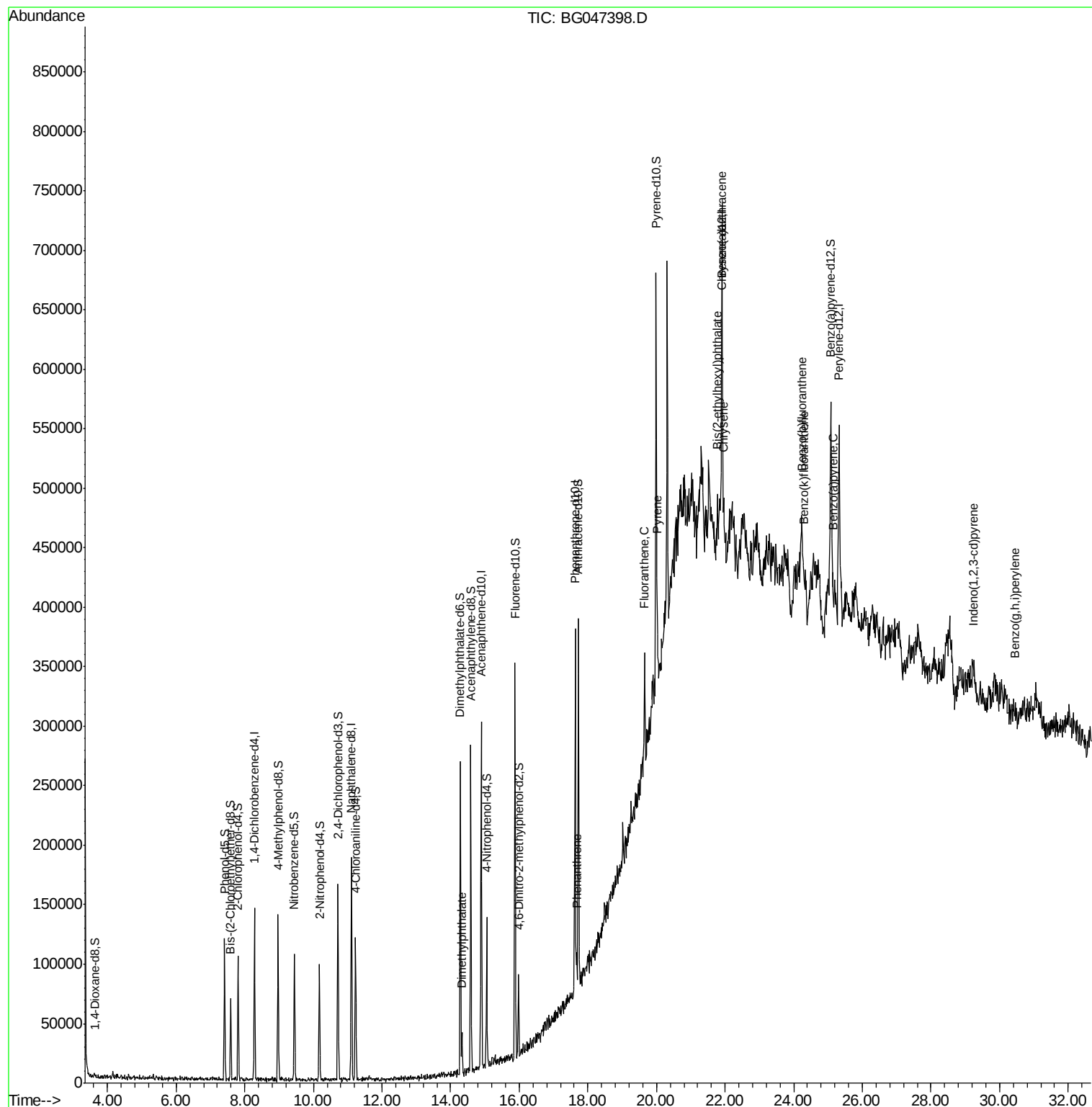
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047398.D
Acq On : 21 Nov 2020 15:14
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

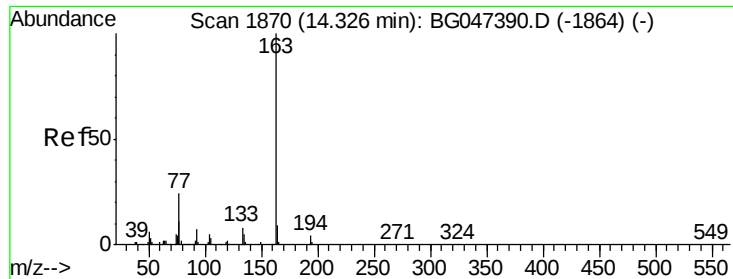
Instrument :
BNA_G
ClientSampleID :
C0B08

Quant Time: Nov 23 04:54:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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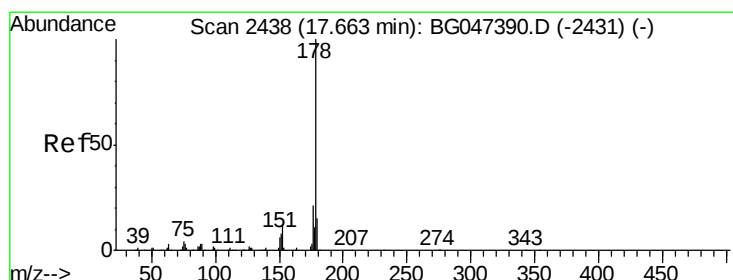
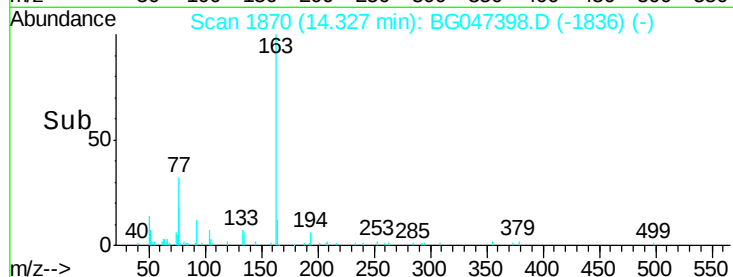
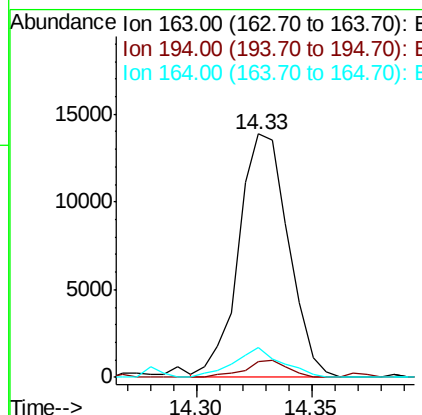
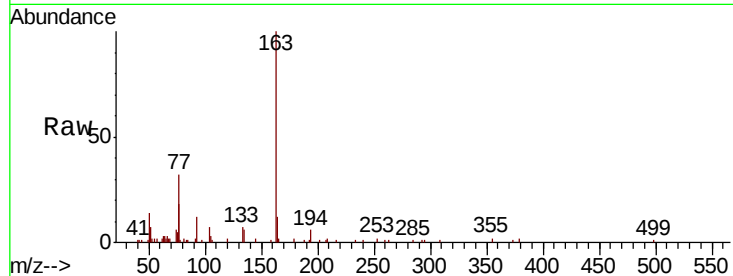
#45
Dimethylphthalate
Concen: 2.396 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG047398.D
Acq: 21 Nov 2020 15:14

Instrument :
BNA_G
ClientSampleId :
C0B08

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.4	3.4	5.2#
164	12.1	8.8	13.2

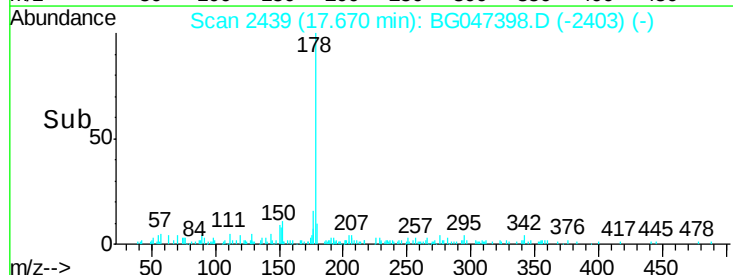
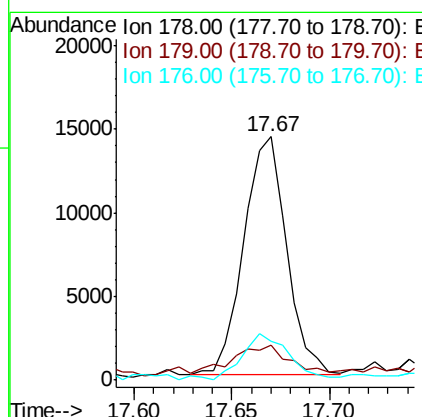
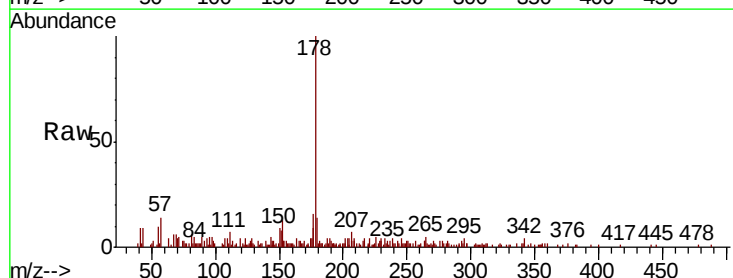
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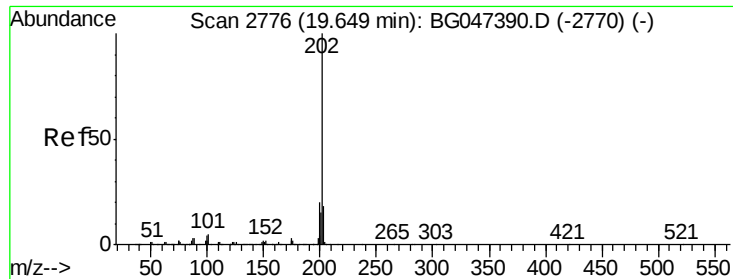
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#70
Phenanthrene
Concen: 2.020 ng/ul
RT: 17.67 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG047398.D
Acq: 21 Nov 2020 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.8	19.2
176	15.7	15.7	23.5





#77

Fluoranthene

Concen: 3.937 ng/ul

RT: 19.66 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Instrument :

BNA_G

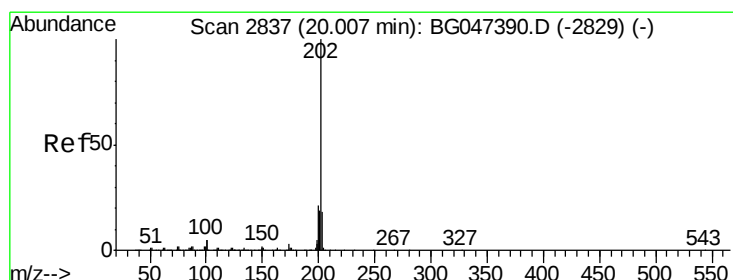
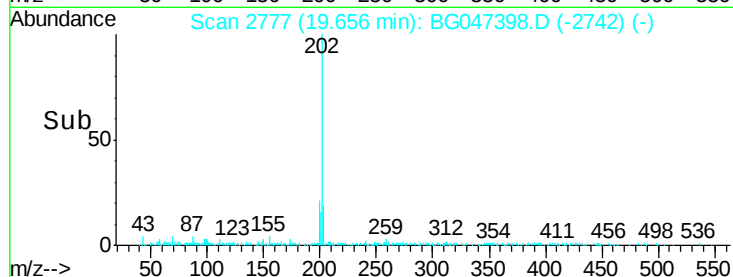
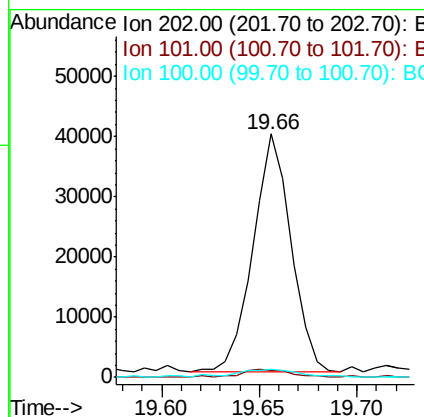
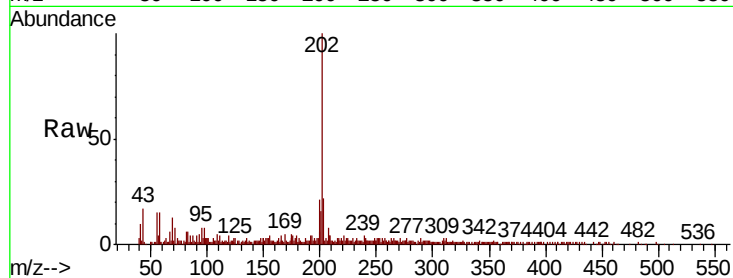
ClientSampled :

C0B08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	2.9		3.3	4.9#	
100	3.3		3.4	5.0#	

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#80

Pyrene

Concen: 3.462 ng/ul

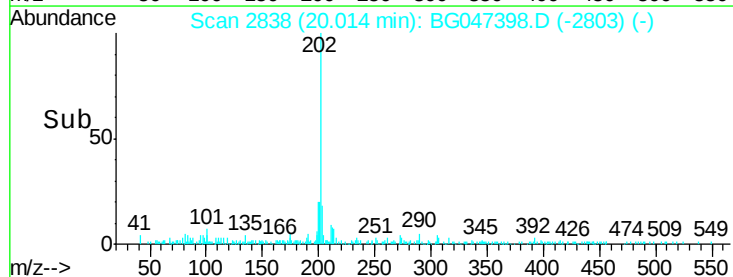
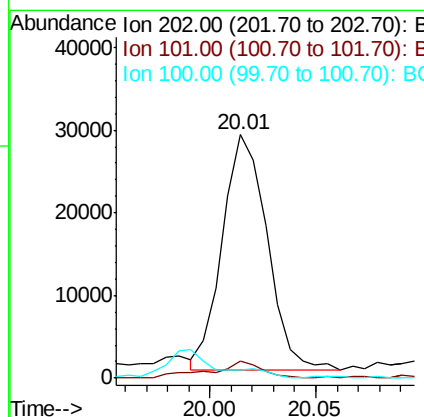
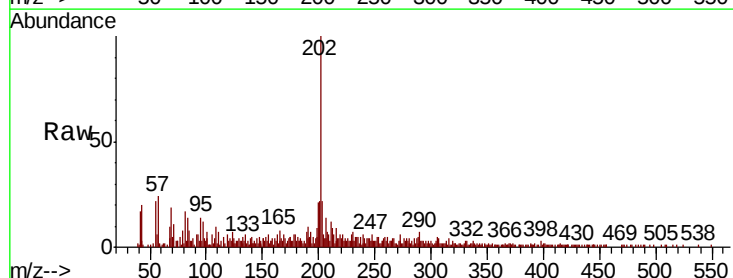
RT: 20.01 min Scan# 2838

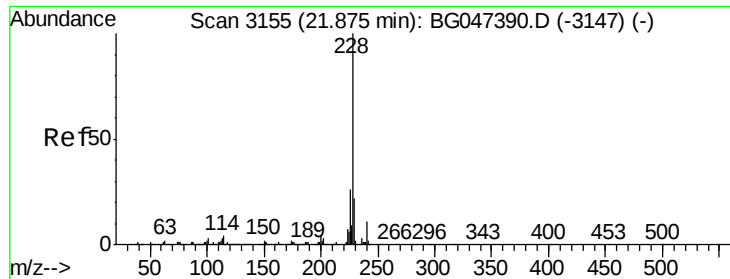
Delta R.T. 0.01 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	6.9		5.0	7.4	
100	3.5		4.6	7.0#	





#83

Benzo(a)anthracene

Concen: 2.077 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Instrument :

BNA_G

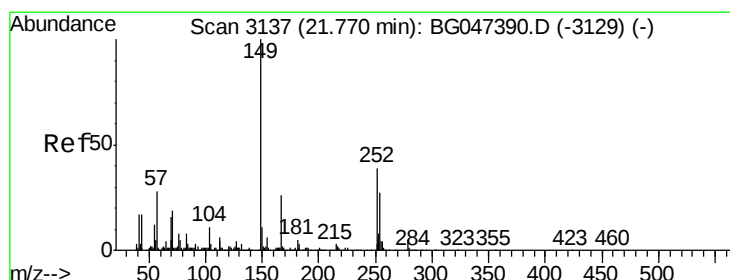
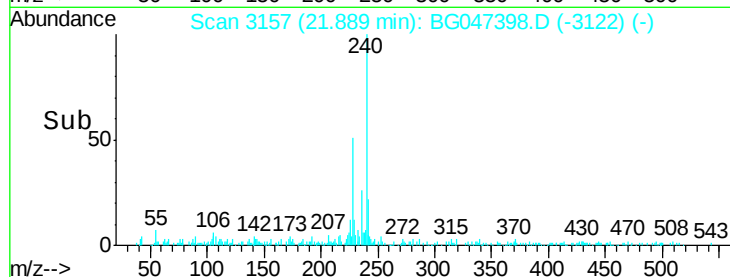
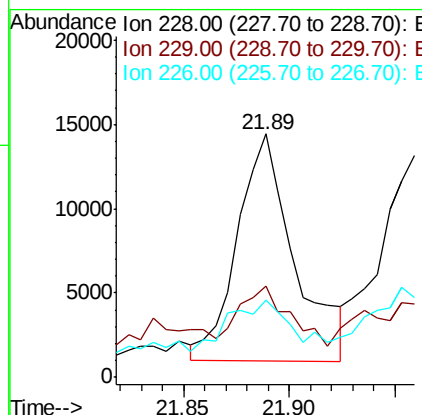
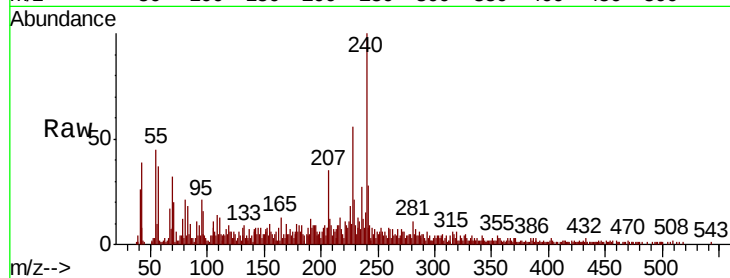
ClientSampleId :

C0B08

Tot Ion:	228	Resp:	25076
Ion Ratio	Lower	Upper	
228	100		
229	37.7	16.2	24.2#
226	31.9	23.3	34.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.459 ng/ul

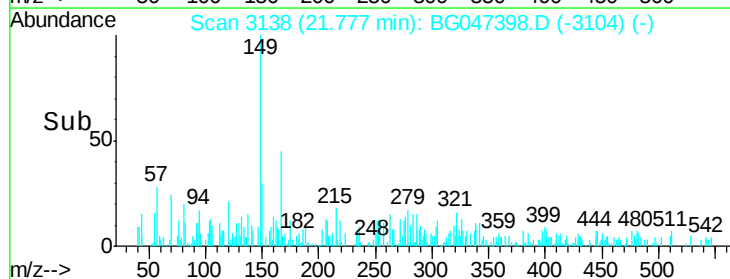
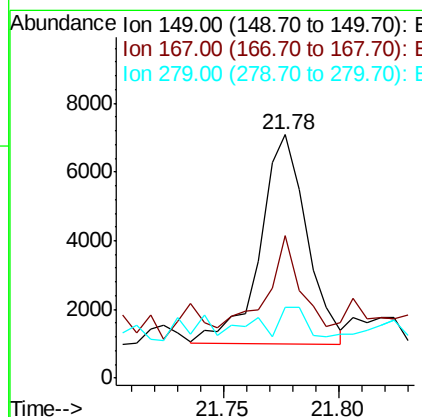
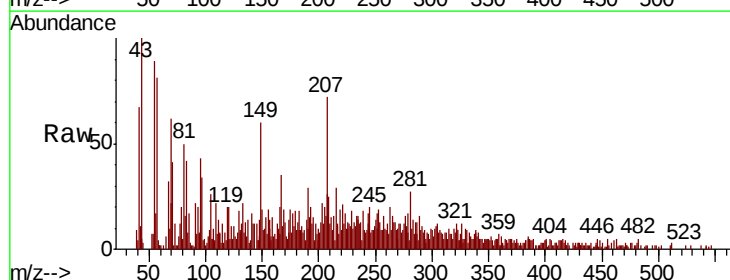
RT: 21.78 min Scan# 3138

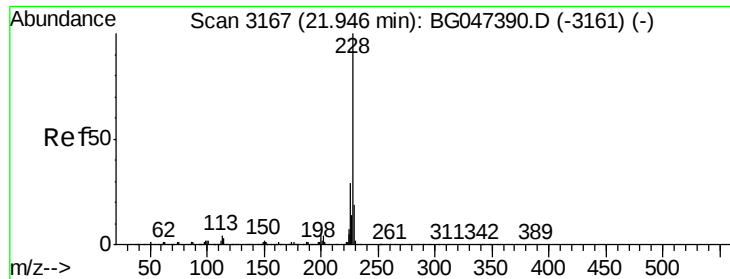
Delta R.T. 0.00 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Tgt Ion:	149	Resp:	8586
Ion Ratio	Lower	Upper	
149	100		
167	58.6	21.8	32.8#
279	29.3	4.2	6.2#





#85

Chrysene

Concen: 1.926 ng/ul

RT: 21.96 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Instrument :

BNA_G

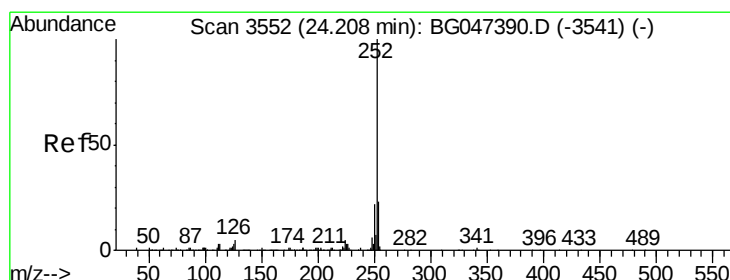
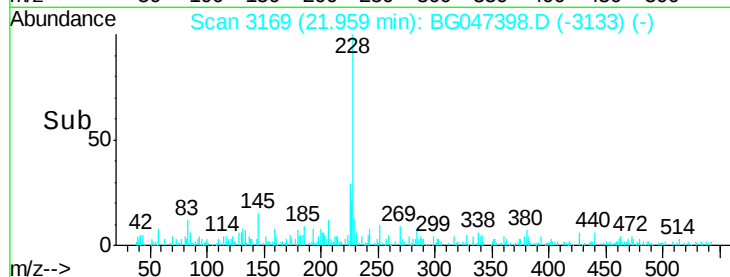
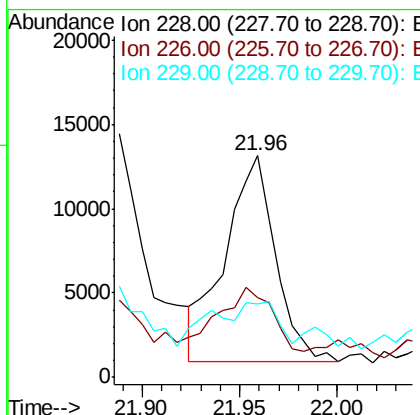
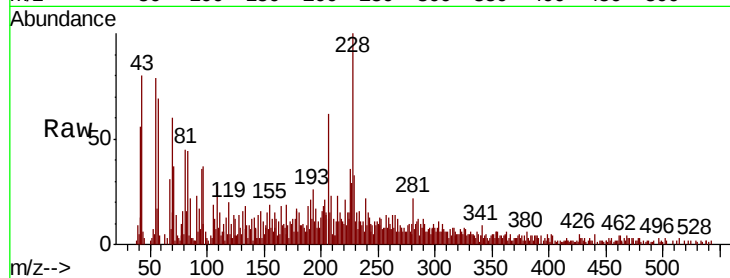
ClientSampleId :

C0B08

Tot Ion:	228	Resp:	22125
Ion Ratio	Lower	Upper	
228	100		
226	35.9	23.8	35.6#
229	33.4	16.3	24.5#

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#88

Benzo(b)fluoranthene

Concen: 1.261 ng/ul

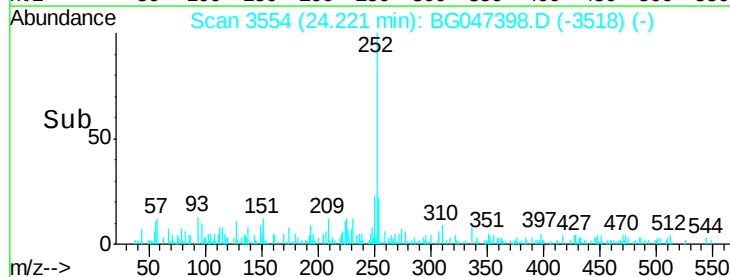
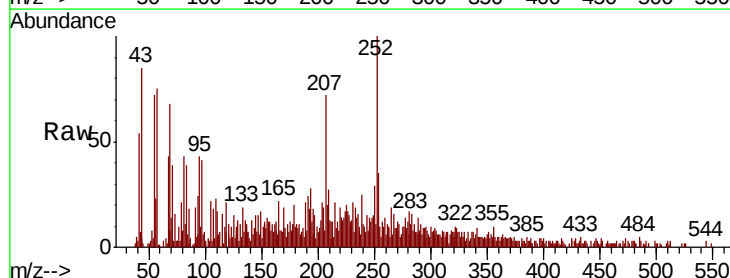
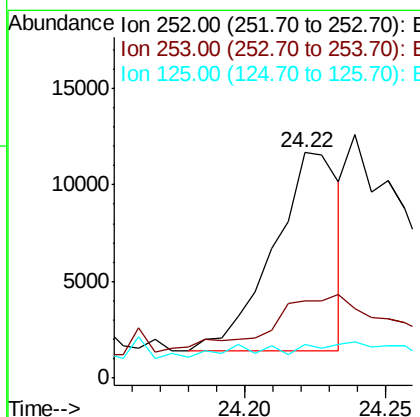
RT: 24.22 min Scan# 3554

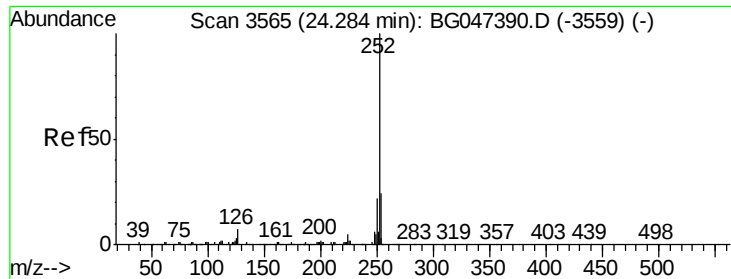
Delta R.T. 0.01 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Tgt Ion:	252	Resp:	16692
Ion Ratio	Lower	Upper	
252	100		
253	34.5	18.4	27.6#
125	15.0	2.5	3.7#





#89

Benzo(k)fluoranthene

Concen: 1.242 ng/ul

RT: 24.30 min Scan# 3567

Delta R.T. 0.01 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Instrument :

BNA_G

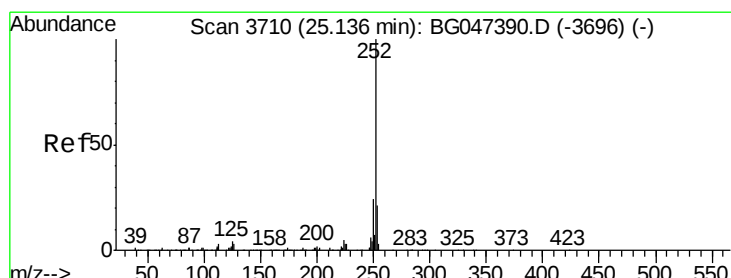
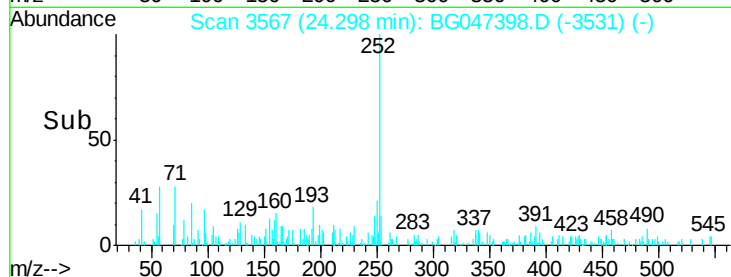
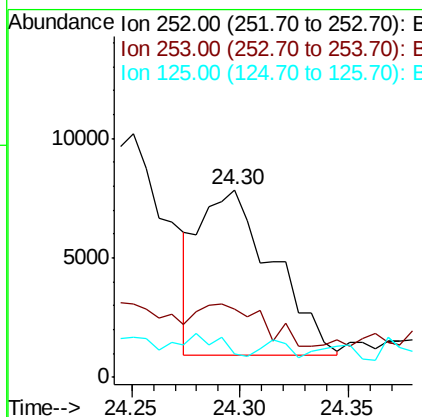
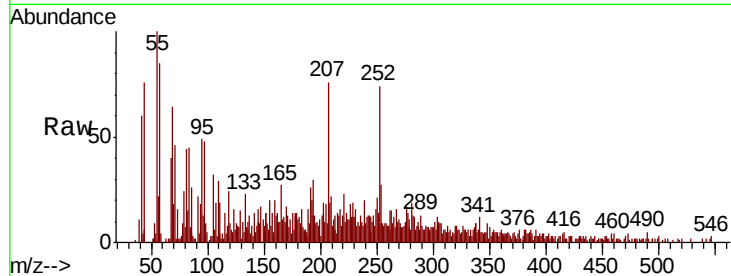
ClientSampleId :

C0B08

Tot Ion:	252	Resp:	16193
Ion Ratio	Lower	Upper	
252	100		
253	36.4	16.7	25.1#
125	12.5	2.6	3.8#

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#91

Benzo(a)pyrene

Concen: 1.646 ng/ul

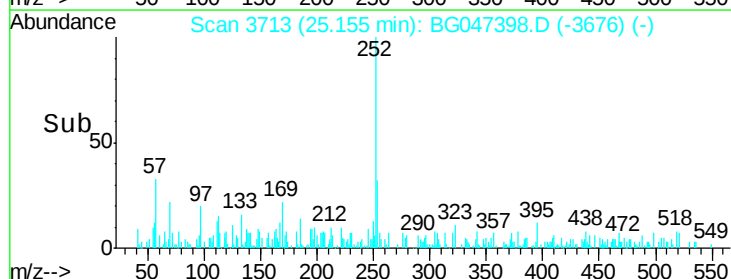
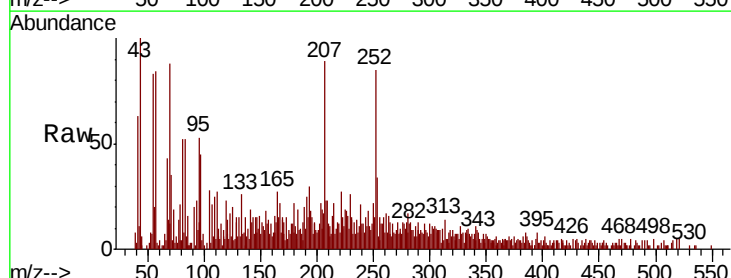
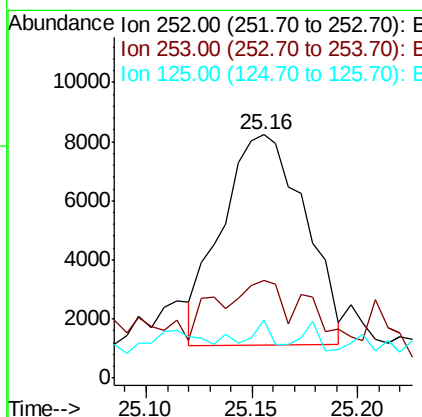
RT: 25.16 min Scan# 3713

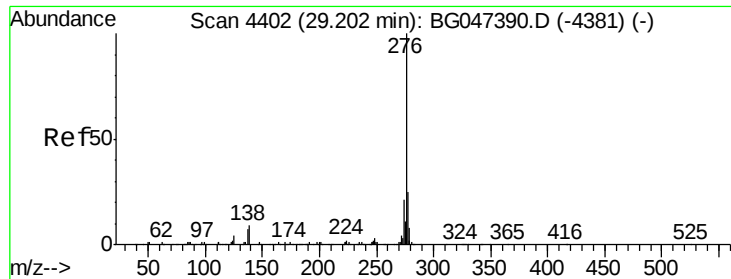
Delta R.T. 0.02 min

Lab File: BG047398.D

Acq: 21 Nov 2020 15:14

Tgt Ion:	252	Resp:	19418
Ion Ratio	Lower	Upper	
252	100		
253	40.4	17.5	26.3#
125	23.8	3.1	4.7#





#92

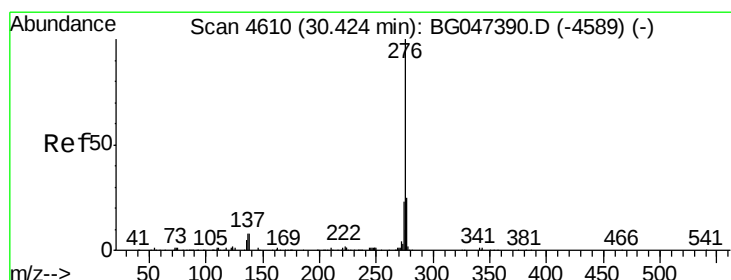
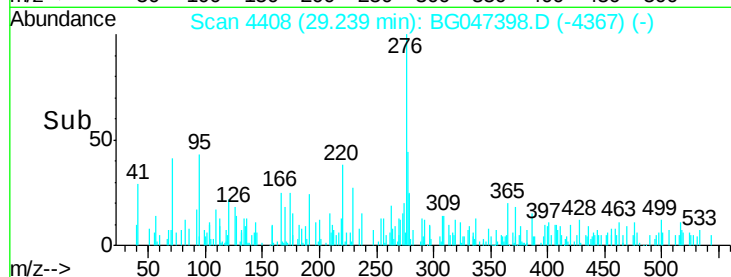
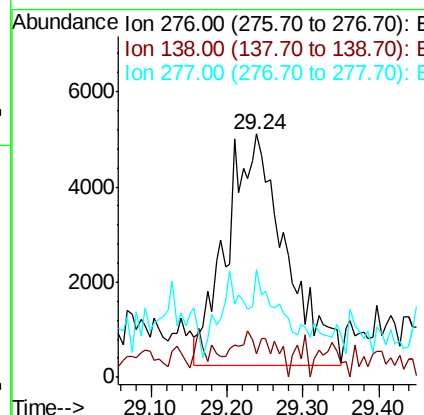
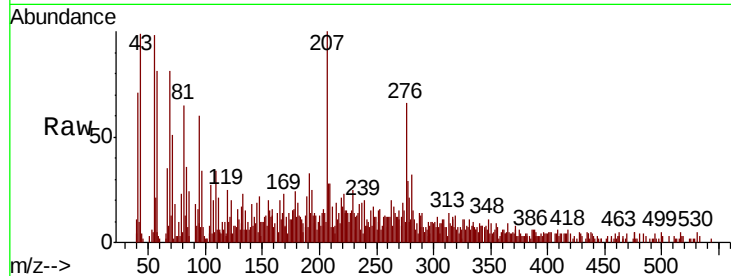
Indeno(1,2,3-cd)pyrene
Concen: 1.821 ng/ul m
RT: 29.24 min Scan# 4408
Delta R.T. 0.04 min
Lab File: BG047398.D
Acq: 21 Nov 2020 15:14

Instrument :
BNA_G
ClientSampleId :
C0B08

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.5	7.5	11.3
277	44.6	19.9	29.9#

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#94

Benzo(g,h,i)perylene
Concen: 1.461 ng/ul m
RT: 30.46 min Scan# 4616
Delta R.T. 0.04 min
Lab File: BG047398.D
Acq: 21 Nov 2020 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	8.2	12.2#
277	25.8	17.5	26.3

