

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW9

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:20:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40227	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	153419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	113512	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	254551m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	212470	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	220818	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	3030	2.74	ng/uL	0.00
5) Phenol-d5	7.41	99	94526	23.43	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	50344	21.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	69071	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	74843	24.14	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	34067	26.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	41539	30.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	87685	27.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	96275	30.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	280556	28.79	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	334281	29.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	37809	25.43	ng/ul	0.02
58) Fluorene-d10	15.87	176	256859	28.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	26302m	18.15	ng/ul	0.00
71) Anthracene-d10	17.72	188	391425	31.00	ng/ul	0.00
79) Pyrene-d10	19.98	212	415706	33.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	404866	31.85	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	95235	9.581	ng/ul#	94
70) Phenanthrene	17.66	178	42310	3.078	ng/ul	98
77) Fluoranthene	19.65	202	110053m	6.339	ng/ul	
80) Pyrene	20.01	202	87003	5.781	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	50510	3.341	ng/ul	94
85) Chrysene	21.95	228	42370	2.945	ng/ul	96
88) Benzo(b)fluoranthene	24.22	252	57819	3.709	ng/ul#	95
89) Benzo(k)fluoranthene	24.28	252	16976m	1.105	ng/ul	
91) Benzo(a)pyrene	25.14	252	42893m	3.086	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.21	276	27973m	1.655	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	27410m	1.965	ng/ul	

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

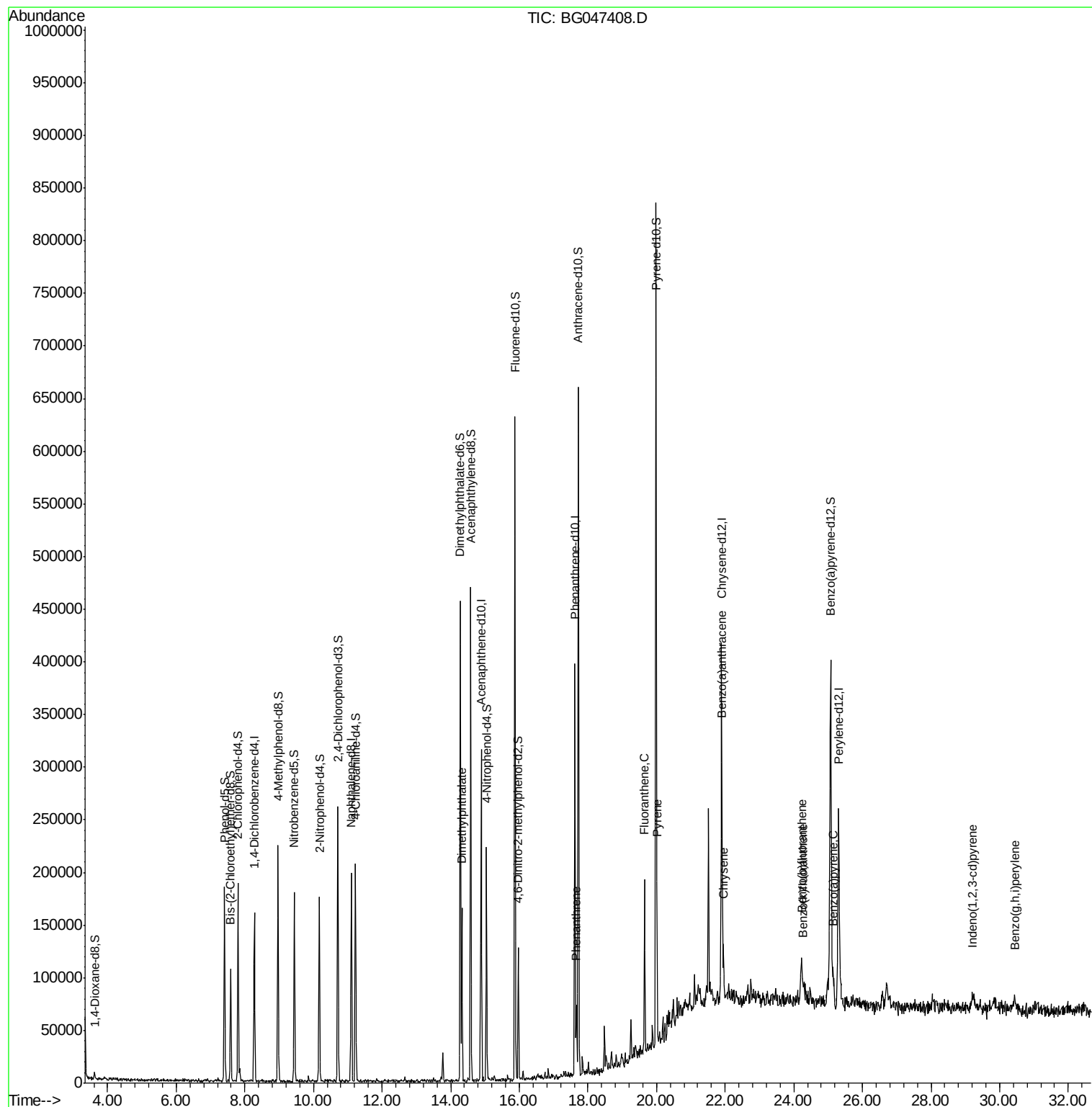
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

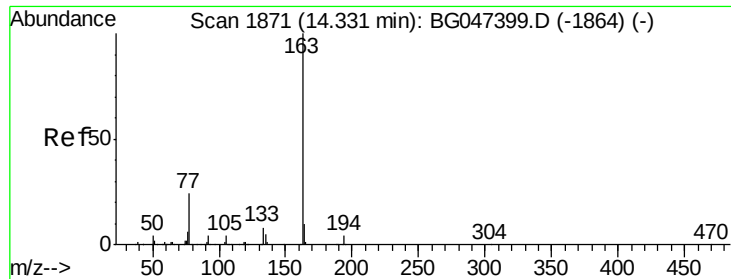
Instrument :
BNA_G
ClientSampleId :
C0AW9

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Quant Title : SVOA CALIBRATION
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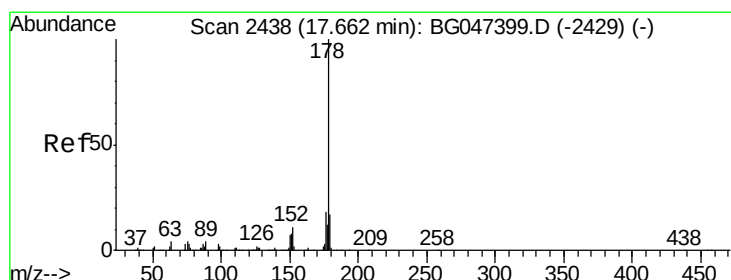
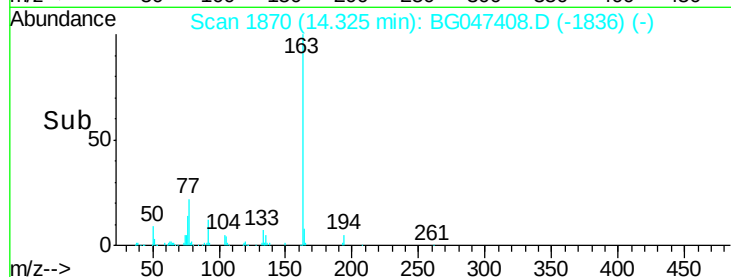
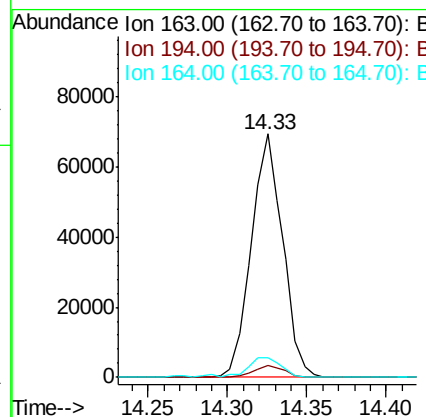
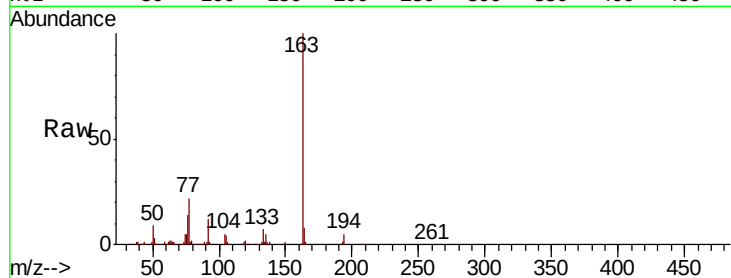
#45
Dimethylphthalate
Concen: 9.581 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG047408.D
Acq: 21 Nov 2020 23:52

Instrument :
BNA_G
ClientSampleId :
C0AW9

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	5.1	3.4	5.2
164	8.0	8.8	13.2#

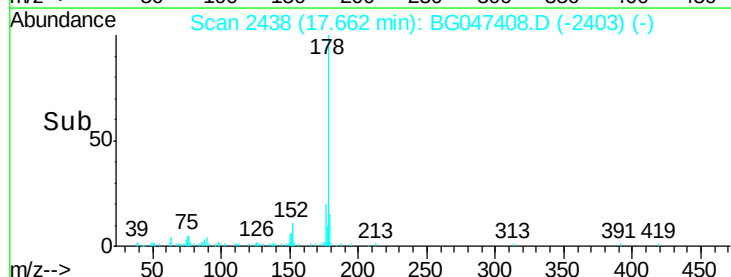
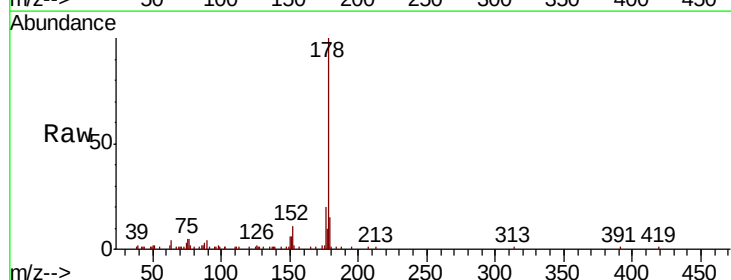
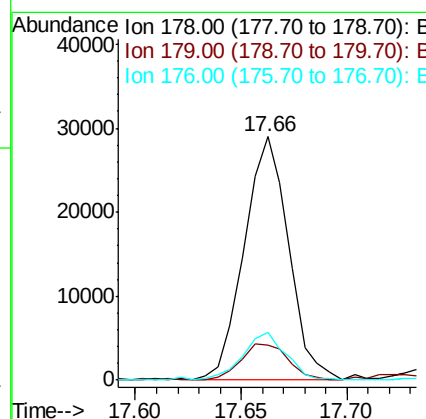
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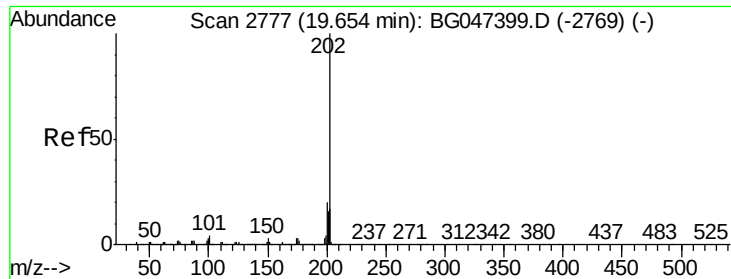
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#70
Phenanthrene
Concen: 3.078 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG047408.D
Acq: 21 Nov 2020 23:52

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	14.5	12.8	19.2
176	19.9	15.7	23.5





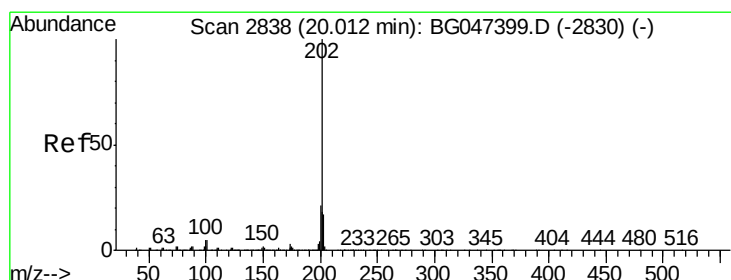
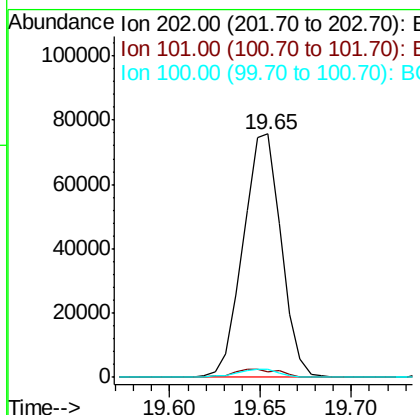
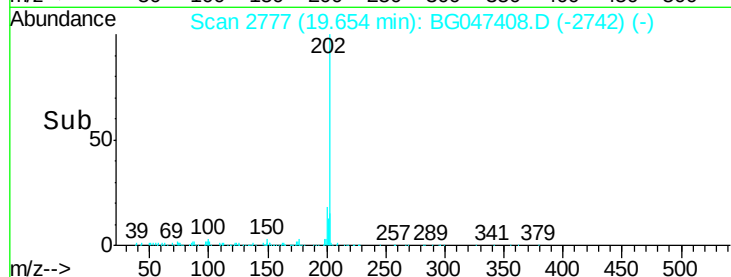
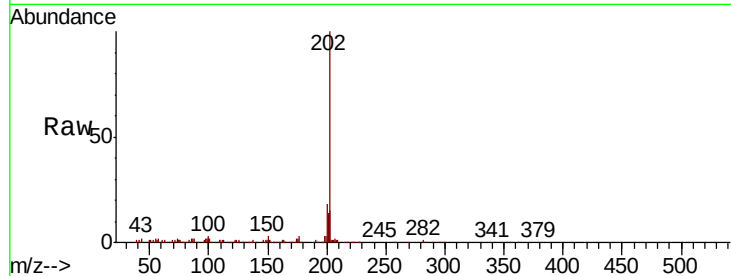
#77
Fluoranthene
Concen: 6.339 ng/ul m
RT: 19.65 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG047408.D
Acq: 21 Nov 2020 23:52

Instrument :
BNA_G
ClientSampleId :
C0AW9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	2.5	3.3	4.9#
100	3.3	3.4	5.0#

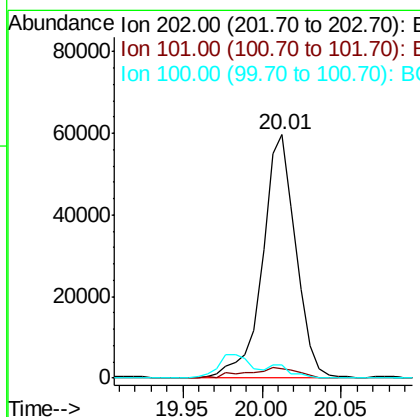
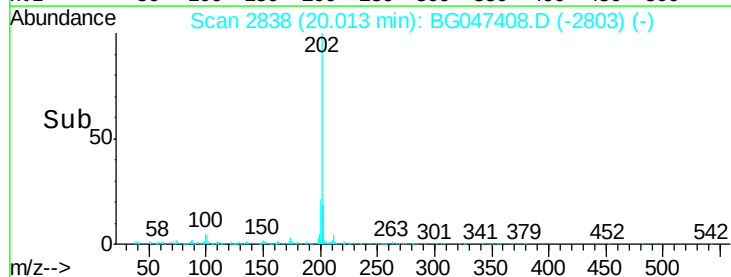
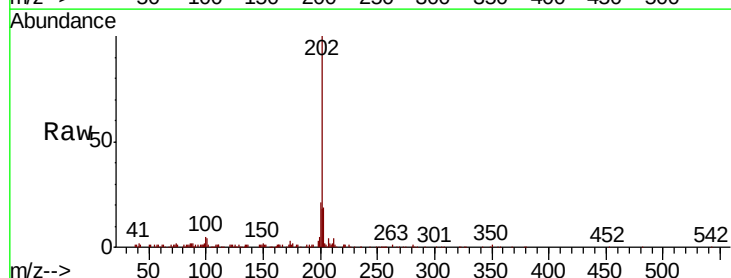
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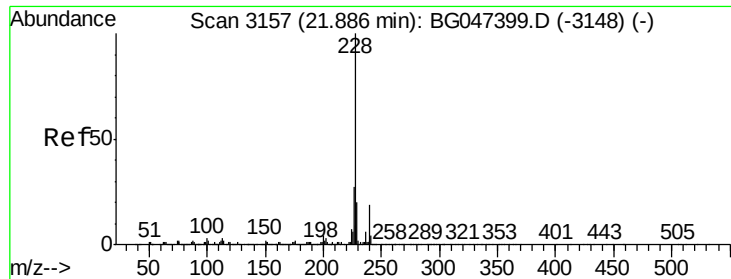
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#80
Pyrene
Concen: 5.781 ng/ul
RT: 20.01 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BG047408.D
Acq: 21 Nov 2020 23:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	3.9	5.0	7.4#
100	5.2	4.6	7.0





#83

Benzo(a)anthracene

Concen: 3.341 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG047408.D

Acq: 21 Nov 2020 23:52

Instrument :

BNA_G

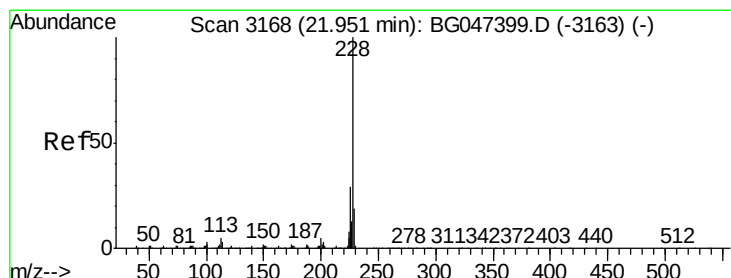
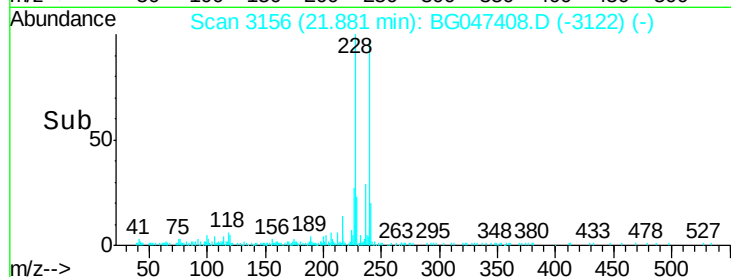
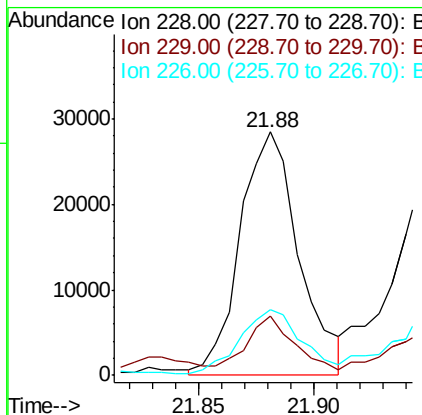
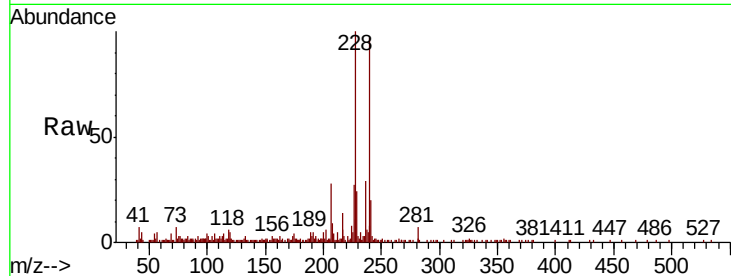
ClientSampleId :

C0AW9

Tot Ion:	228	Resp:	50510
Ion	Ratio	Lower	Upper
228	100		
229	24.2	16.2	24.2
226	26.8	23.3	34.9

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#85

Chrysene

Concen: 2.945 ng/ul

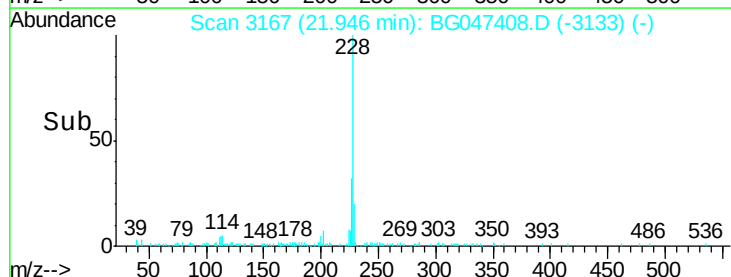
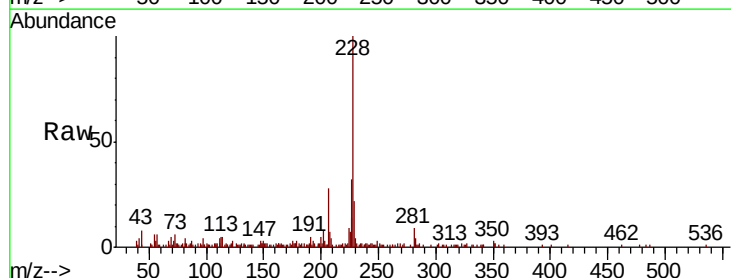
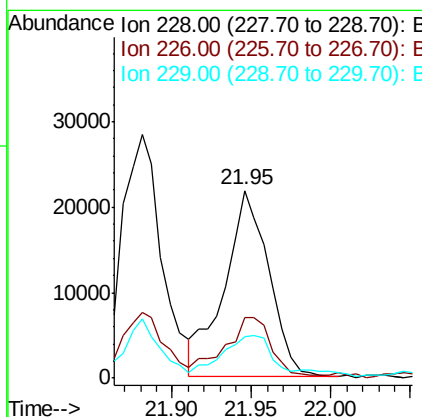
RT: 21.95 min Scan# 3167

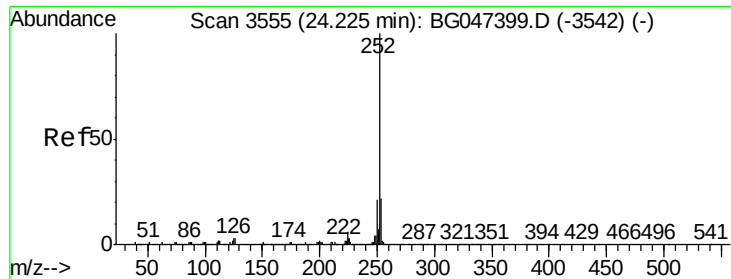
Delta R.T. -0.00 min

Lab File: BG047408.D

Acq: 21 Nov 2020 23:52

Tgt Ion:	228	Resp:	42370
Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.8	35.6
229	21.8	16.3	24.5





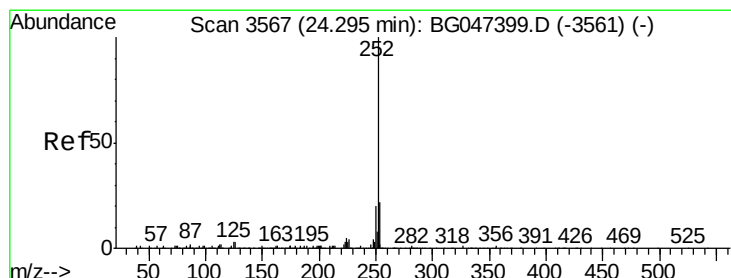
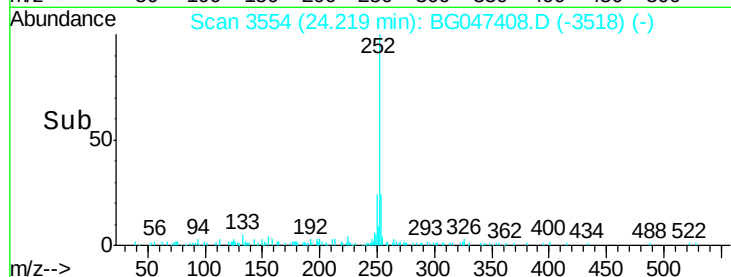
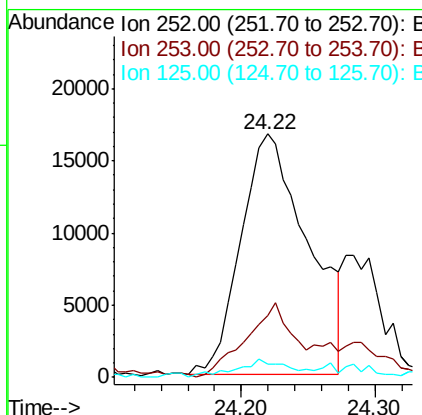
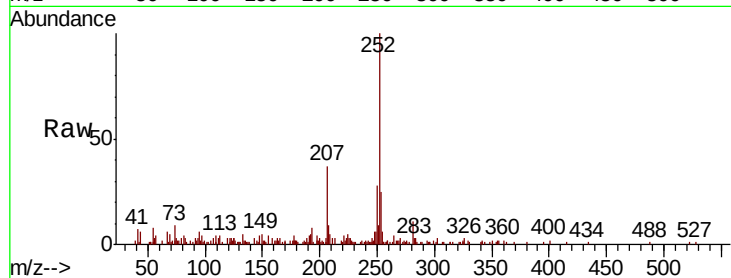
#88
Benzo(b)fluoranthene
Concen: 3.709 ng/ul
RT: 24.22 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG047408.D
Acq: 21 Nov 2020 23:52

Instrument :
BNA_G
ClientSampleId :
C0AW9

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	5.3	2.5	3.7#

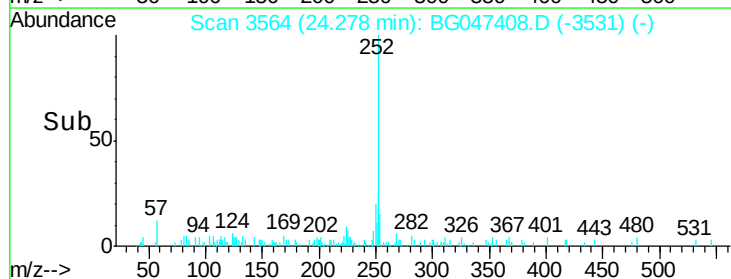
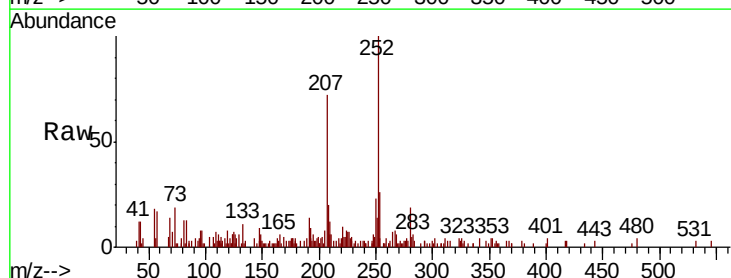
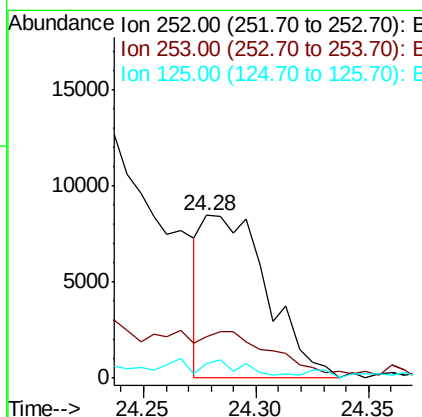
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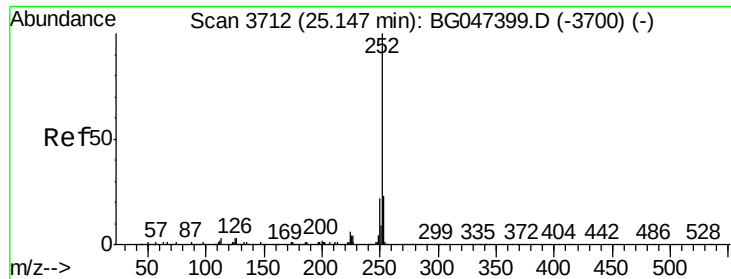
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#89
Benzo(k)fluoranthene
Concen: 1.105 ng/ul m
RT: 24.28 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG047408.D
Acq: 21 Nov 2020 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.7	25.1#
125	6.8	2.6	3.8#





#91

Benzo(a)pyrene

Concen: 3.086 ng/ul m

RT: 25.14 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BG047408.D

Acq: 21 Nov 2020 23:52

Instrument :

BNA_G

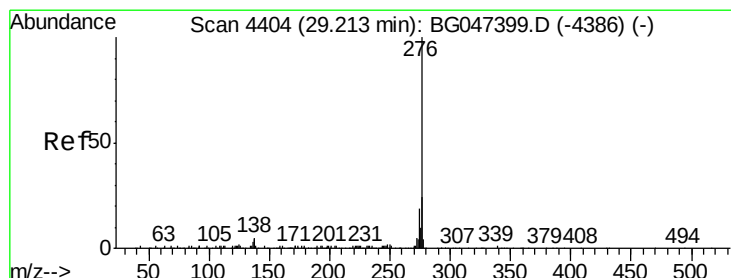
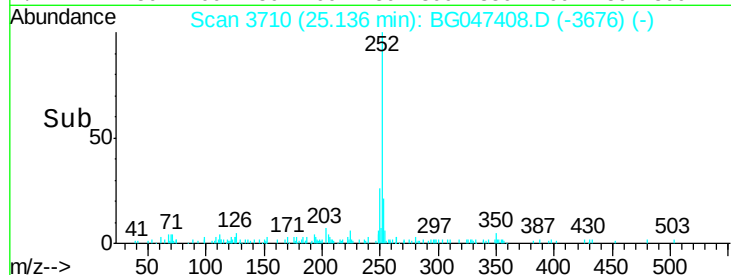
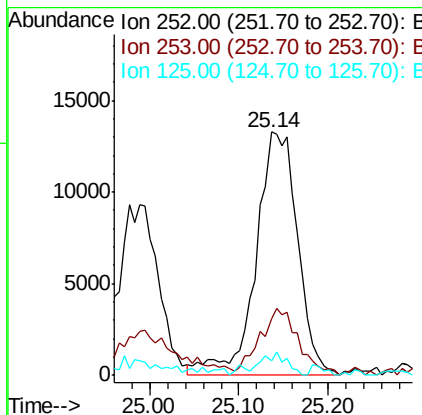
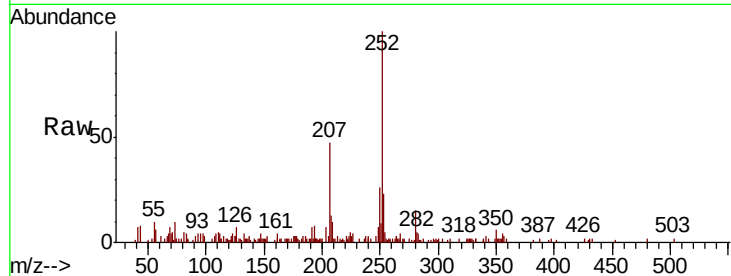
ClientSampled :

C0AW9

Tot Ion:	252	Resp:	42893
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	3.1	3.1	4.7#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.655 ng/ul m

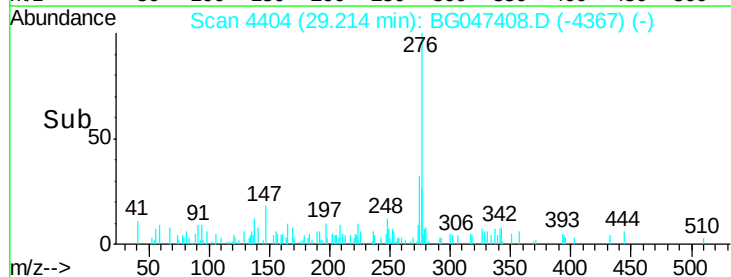
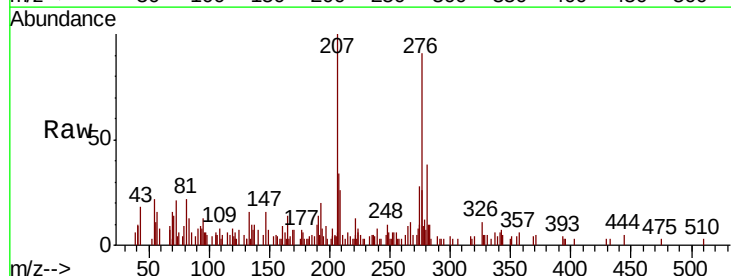
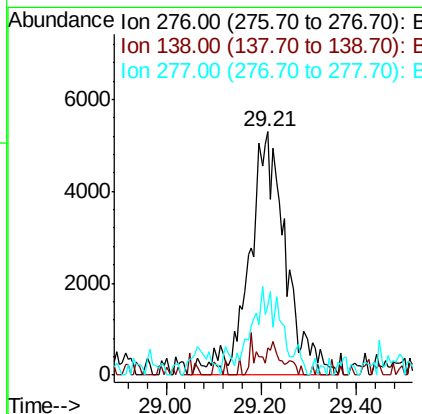
RT: 29.21 min Scan# 4404

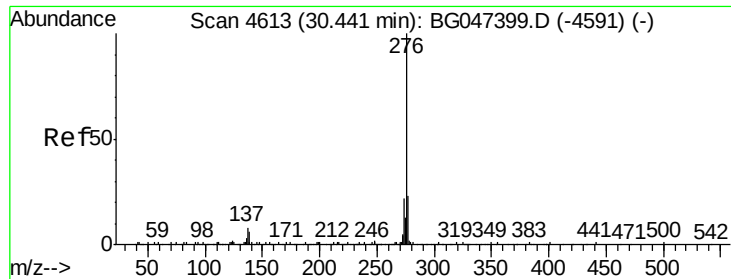
Delta R.T. 0.02 min

Lab File: BG047408.D

Acq: 21 Nov 2020 23:52

Tgt Ion:	276	Resp:	27973
Ion Ratio	Lower	Upper	
276	100		
138	11.4	7.5	11.3#
277	28.5	19.9	29.9





#94
 Benzo(a,h,i)perylene
 Concen: 1.965 ng/ul m
 RT: 30.45 min Scan# 4614
 Delta R.T. 0.03 min
 Lab File: BG047408.D
 Acq: 21 Nov 2020 23:52

Instrument :
 BNA_G
 ClientSampleId :
 C0AW9

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	8.2	12.2#
277	22.9	17.5	26.3

Manual Integrations
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