

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047403.D
 Acq On : 21 Nov 2020 20:29
 Operator : CG/JU
 Sample : L4711-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B03

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:54 AM

Quant Time: Nov 23 05:36:36 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	8.27	152	40014	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	162715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	118318	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	258380	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	220323	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	231354	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	4563	4.15	ng/uL	0.00
5) Phenol-d5	7.41	99	123915	30.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	67892	29.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	91302	33.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	99980	32.42	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	46302	34.45	ng/ul	0.01
22) 2-Nitrophenol-d4	10.17	143	58600	39.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	115895	34.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	122669	36.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	347733	34.23	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	427400	36.41	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	52149	33.65	ng/ul	0.01
58) Fluorene-d10	15.87	176	313571	33.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	43670	29.69	ng/ul	0.00
71) Anthracene-d10	17.72	188	470567	36.71	ng/ul	0.00
79) Pyrene-d10	19.98	212	479023	37.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	471037	35.37	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	129938	12.541	ng/ul#	99
70) Phenanthrene	17.66	178	22467	1.610	ng/ul#	92
77) Fluoranthene	19.65	202	89385	5.072	ng/ul#	97
80) Pyrene	20.01	202	74953	4.803	ng/ul	98
83) Benzo(a)anthracene	21.88	228	46349	2.957	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.78	149	8005	1.048	ng/ul#	89
85) Chrysene	21.95	228	56380	3.779	ng/ul	98
88) Benzo(b)fluoranthene	24.23	252	74708	4.574	ng/ul#	95
89) Benzo(k)fluoranthene	24.29	252	32299m	2.006	ng/ul	
91) Benzo(a)pyrene	25.15	252	50560	3.472	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.21	276	41975m	2.370	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	42484m	2.907	ng/ul	

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

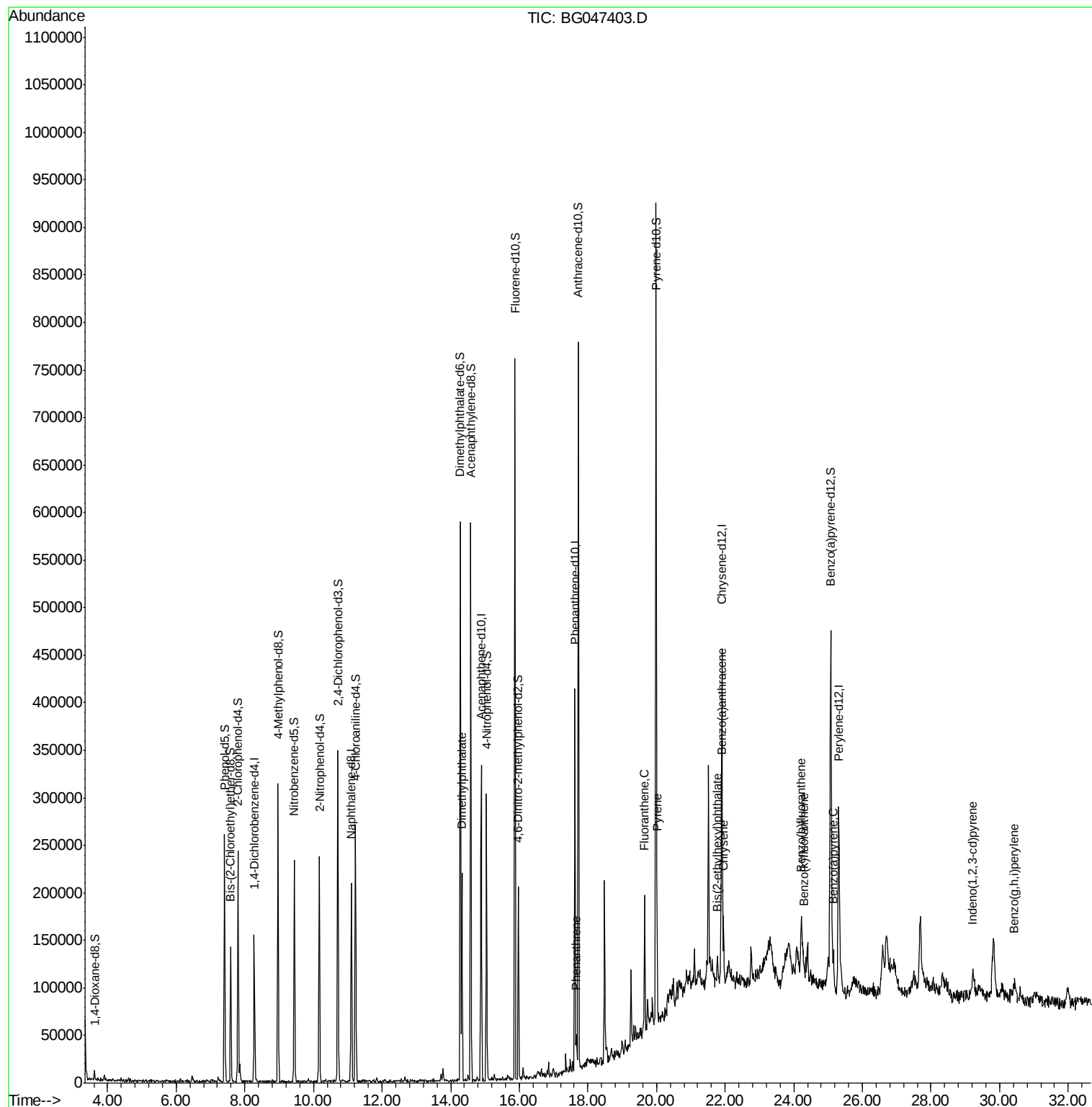
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047403.D
Acq On : 21 Nov 2020 20:29
Operator : CG/JU
Sample : L4711-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

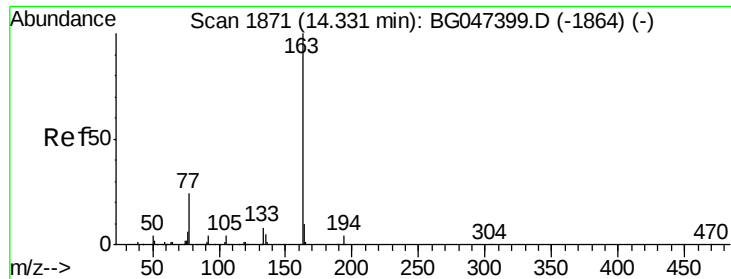
Instrument :
BNA_G
ClientSampleId :
C0B03

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Quant Time: Nov 23 05:36:36 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





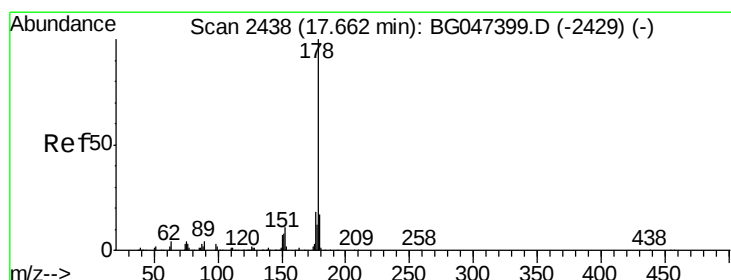
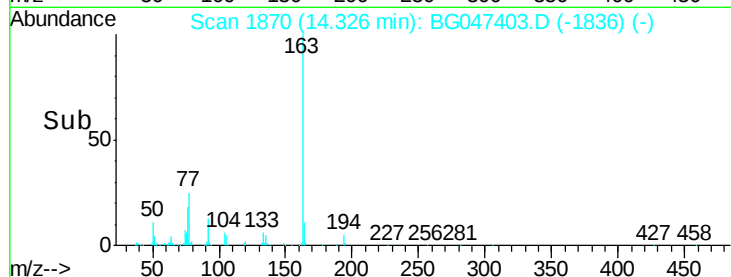
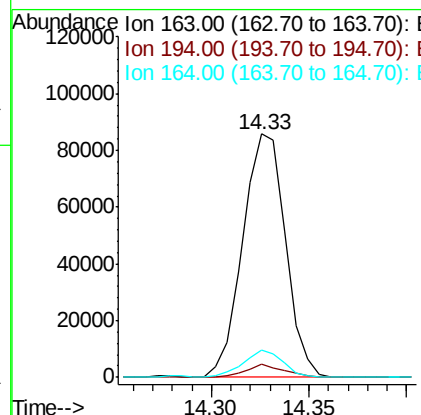
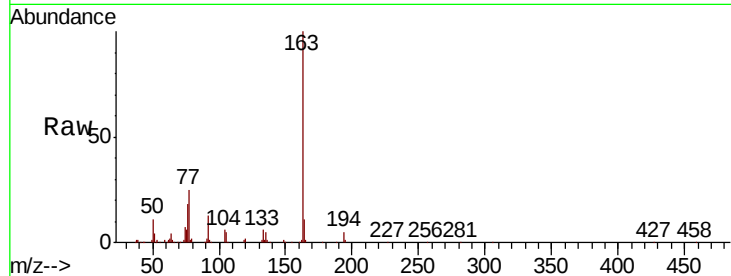
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Dimethylphthalate
Concen: 12.541 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG047403.D
Acq: 21 Nov 2020 20:29

Instrument :
BNA_G
ClientSampleId :
C0B03

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	11.1	8.8	13.2

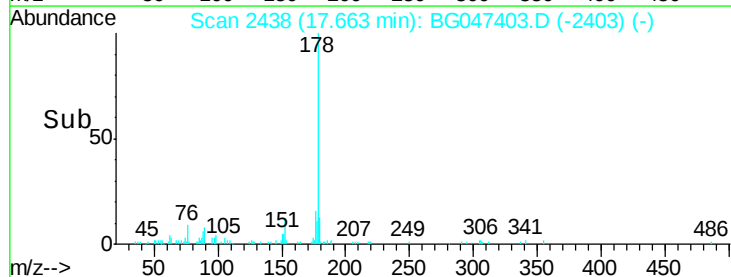
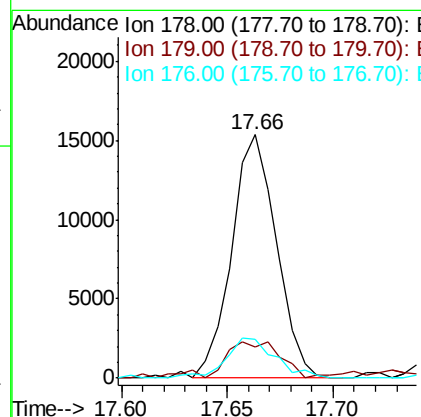
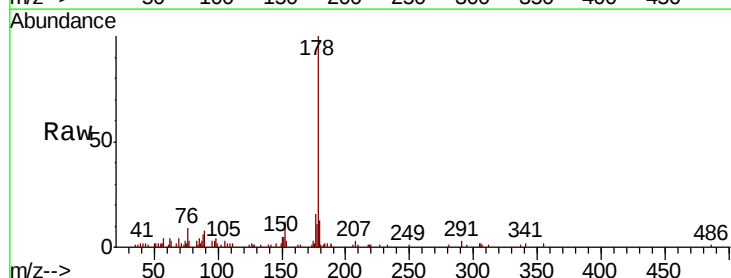
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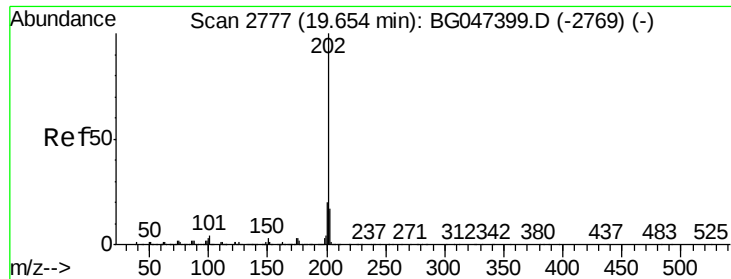
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#70
Phenanthrene
Concen: 1.610 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG047403.D
Acq: 21 Nov 2020 20:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	12.8	12.8	19.2#
176	16.2	15.7	23.5





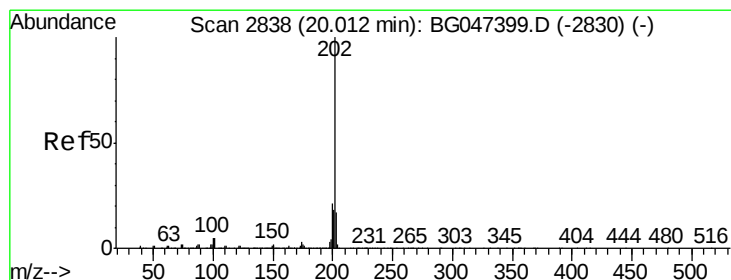
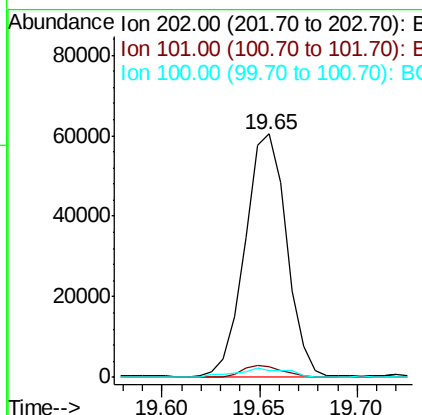
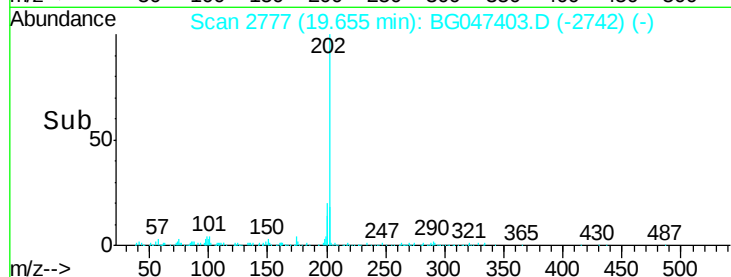
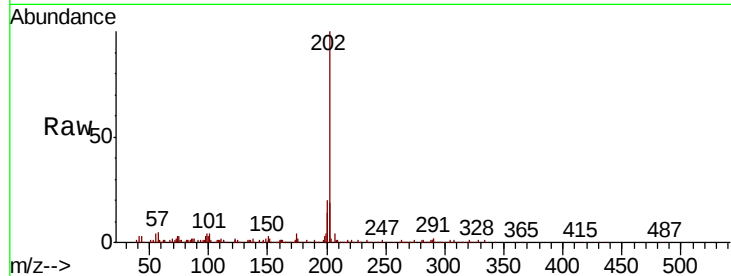
#77
 Fluoranthene
 Concen: 5.072 ng/ul
 RT: 19.65 min Scan# 2777
 Delta R.T. 0.01 min
 Lab File: BG047403.D
 Acq: 21 Nov 2020 20:29

Instrument :
 BNA_G
 ClientSampleId :
 C0B03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		89385		
101	4.3	3.3	4.9		
100	2.6	3.4	5.0		

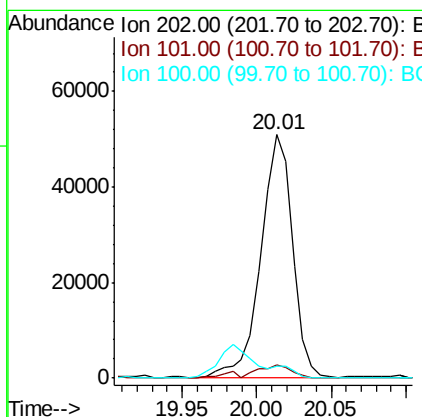
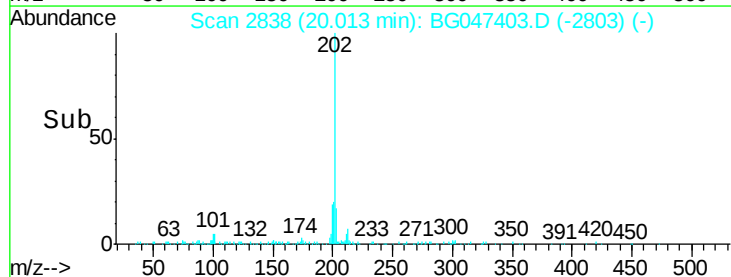
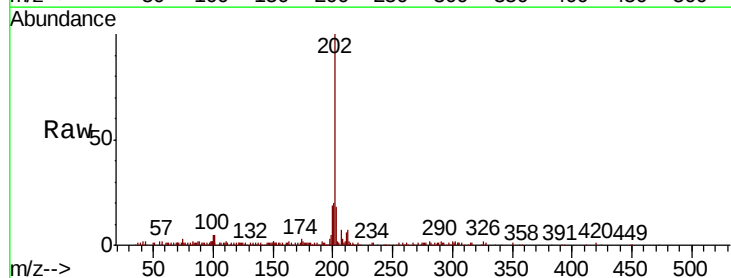
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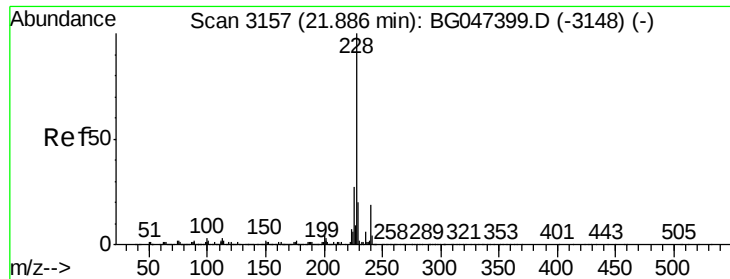
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#80
 Pyrene
 Concen: 4.803 ng/ul
 RT: 20.01 min Scan# 2838
 Delta R.T. 0.01 min
 Lab File: BG047403.D
 Acq: 21 Nov 2020 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		74953		
101	6.5	5.0	7.4		
100	4.9	4.6	7.0		





#83

Benzo(a)anthracene

Concen: 2.957 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG047403.D

Acq: 21 Nov 2020 20:29

Instrument :

BNA_G

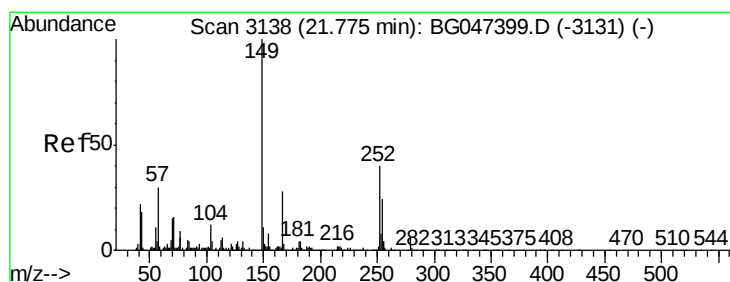
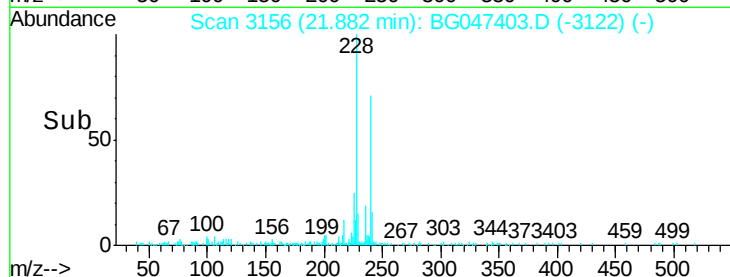
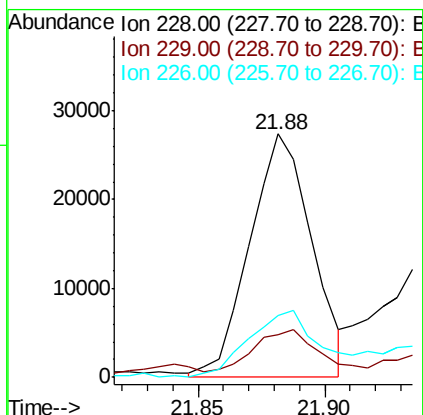
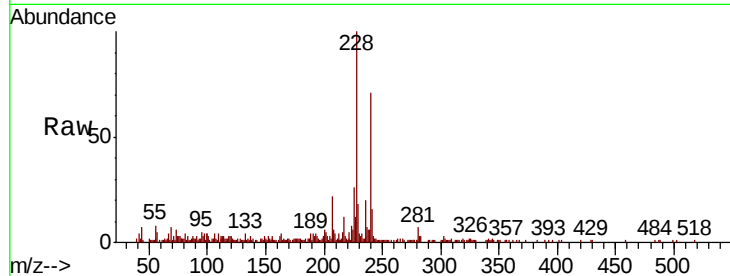
ClientSampleId :

C0B03

Tot Ion:	228	Resp:	46349
Ion	Ratio	Lower	Upper
228	100		
229	17.7	16.2	24.2
226	25.6	23.3	34.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.048 ng/ul

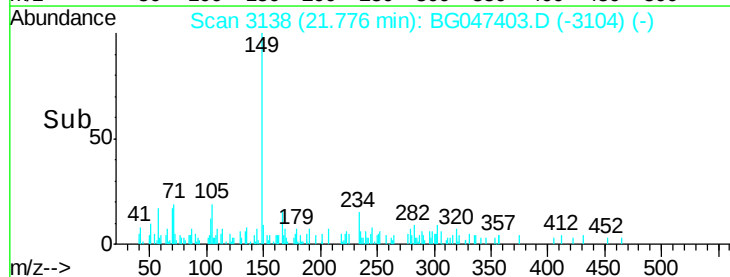
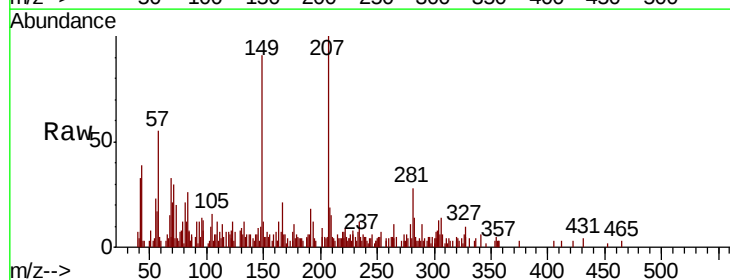
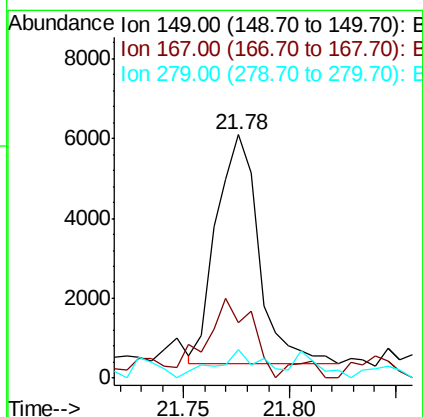
RT: 21.78 min Scan# 3138

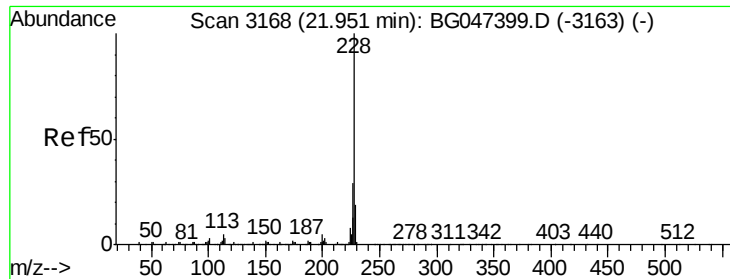
Delta R.T. 0.00 min

Lab File: BG047403.D

Acq: 21 Nov 2020 20:29

Tgt Ion:	149	Resp:	8005
Ion	Ratio	Lower	Upper
149	100		
167	22.7	21.8	32.8
279	11.6	4.2	6.2#





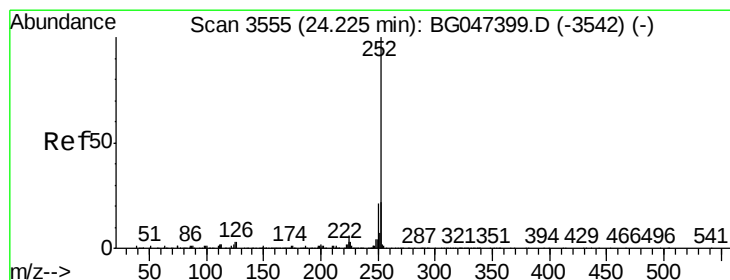
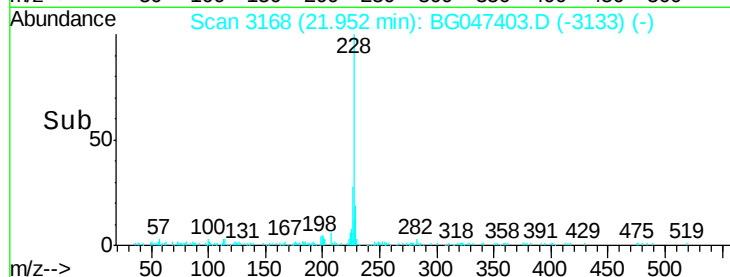
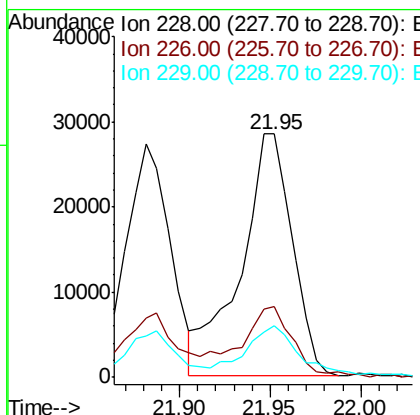
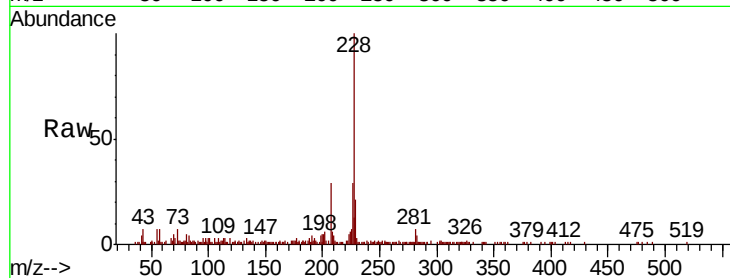
#85
Chrysene
Concen: 3.779 ng/ul
RT: 21.95 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BG047403.D
Acq: 21 Nov 2020 20:29

Instrument :
BNA_G
ClientSampleId :
C0B03

Tot Ion:	228	Resp:	56380
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.8	35.6
229	21.2	16.3	24.5

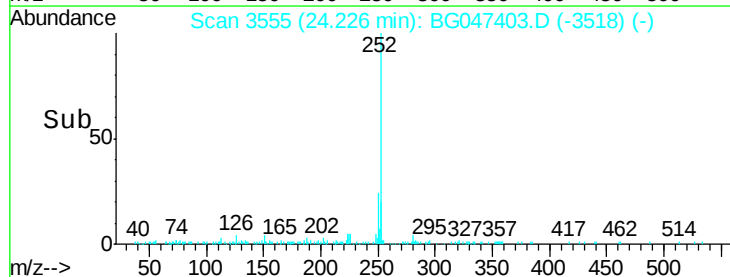
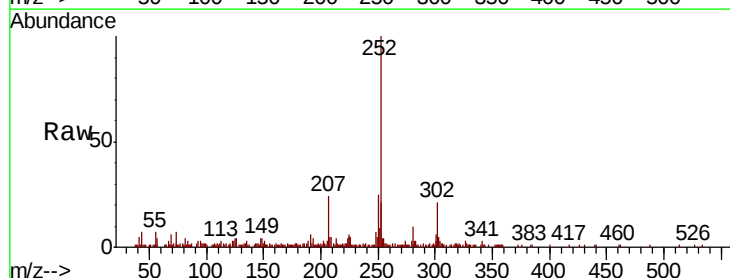
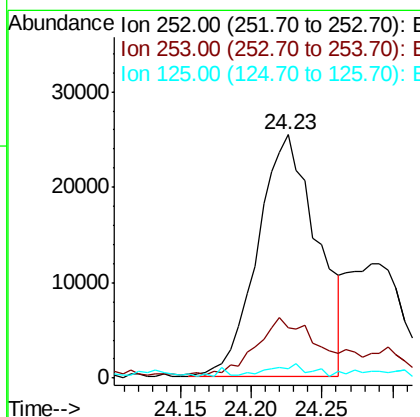
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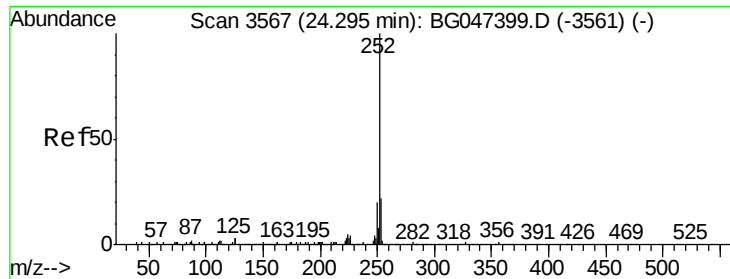
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#88
Benzo(b)fluoranthene
Concen: 4.574 ng/ul
RT: 24.23 min Scan# 3555
Delta R.T. 0.02 min
Lab File: BG047403.D
Acq: 21 Nov 2020 20:29

Tgt Ion:	252	Resp:	74708
Ion Ratio	Lower	Upper	
252	100		
253	20.7	18.4	27.6
125	4.0	2.5	3.7#





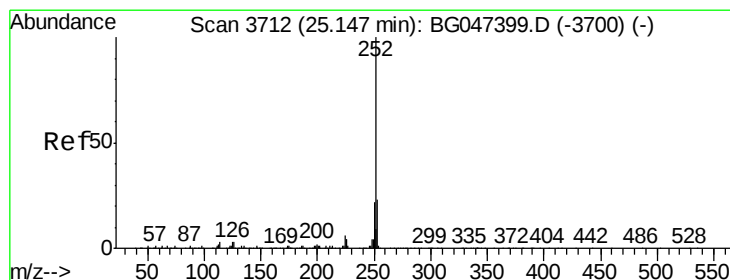
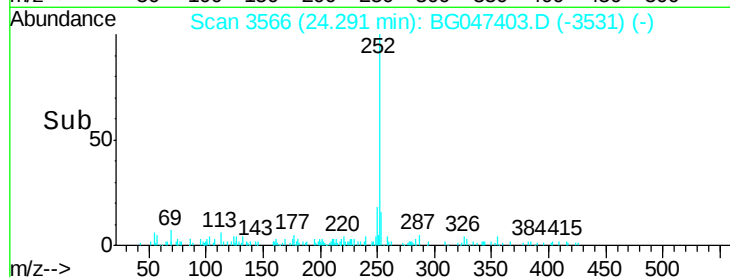
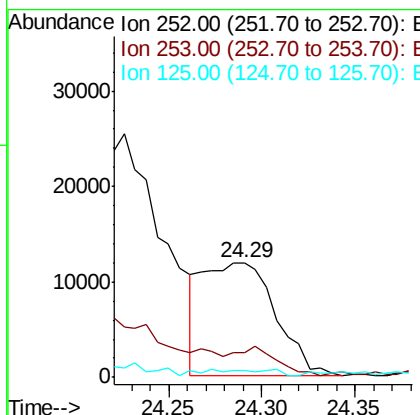
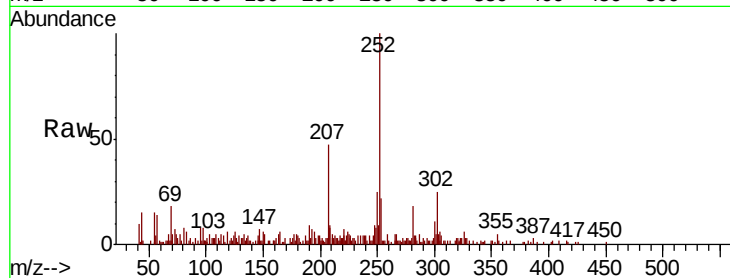
#89
Benzo(k)fluoranthene
Concen: 2.006 ng/ul m
RT: 24.29 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BG047403.D
Acq: 21 Nov 2020 20:29

Instrument :
BNA_G
ClientSampleId :
C0B03

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.7	25.1
125	6.1	2.6	3.8#

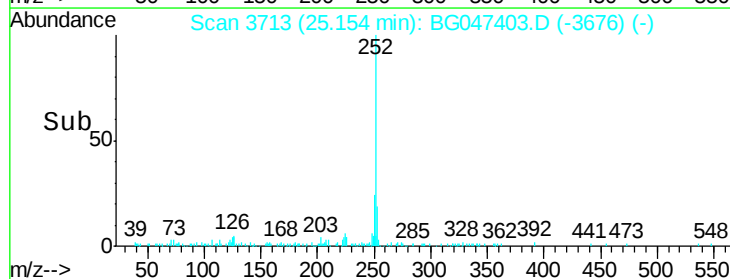
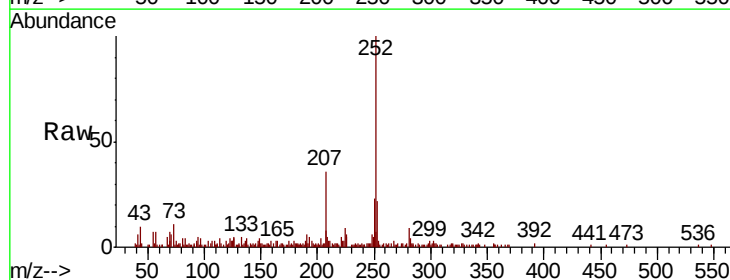
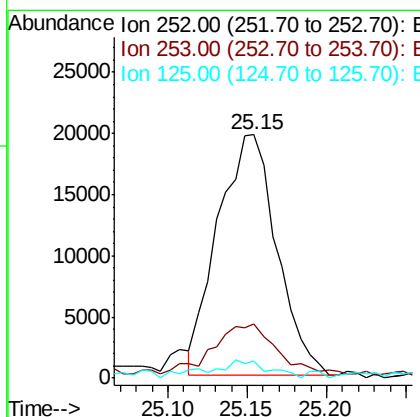
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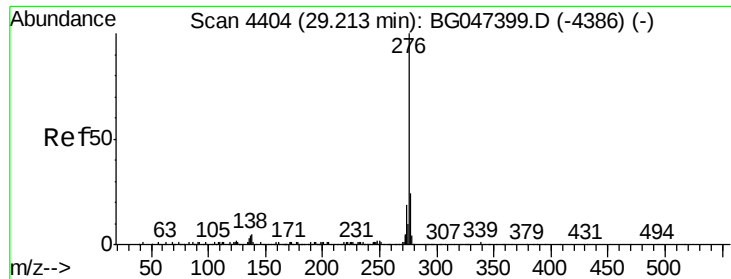
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#91
Benzo(a)pyrene
Concen: 3.472 ng/ul
RT: 25.15 min Scan# 3713
Delta R.T. 0.02 min
Lab File: BG047403.D
Acq: 21 Nov 2020 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	6.8	3.1	4.7#





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.370 ng/ul m

RT: 29.21 min Scan# 4404

Delta R.T. 0.02 min

Lab File: BG047403.D

Acq: 21 Nov 2020 20:29

Instrument :

BNA_G

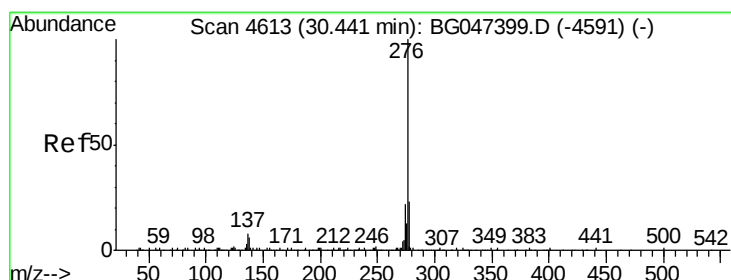
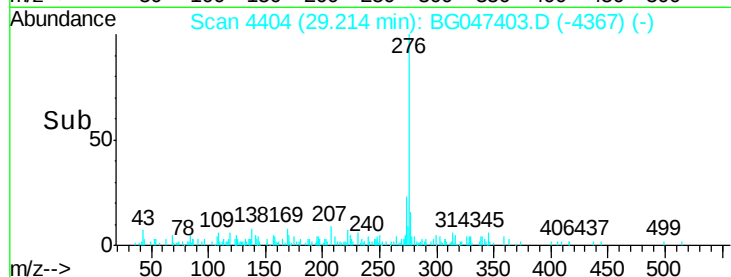
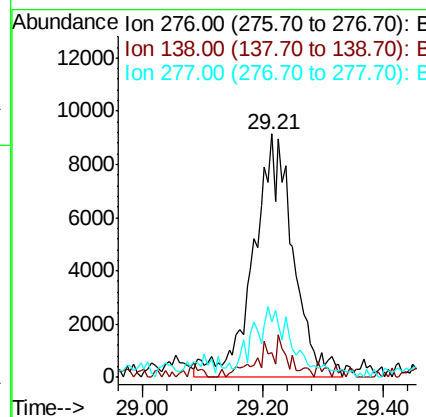
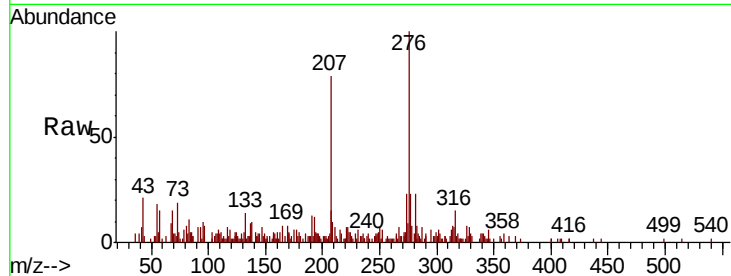
ClientSampleId :

C0B03

Tot Ion:	276	Resp:	41975
Ion Ratio	Lower	Upper	
276	100		
138	10.2	7.5	11.3
277	22.6	19.9	29.9

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 2.907 ng/ul m

RT: 30.43 min Scan# 4611

Delta R.T. 0.01 min

Lab File: BG047403.D

Acq: 21 Nov 2020 20:29

Tgt Ion:	276	Resp:	42484
Ion Ratio	Lower	Upper	
276	100		
138	6.8	8.2	12.2#
277	18.2	17.5	26.3

