

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047410.D
 Acq On : 22 Nov 2020 1:14
 Operator : CG/JU
 Sample : L4711-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ8

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:17 AM

Quant Time: Nov 23 06:34:21 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	40262	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	159216	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	115400	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	253324	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	217134	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	225962	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	3282	2.96	ng/uL	0.00
5) Phenol-d5	7.41	99	104529	25.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	54843	23.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	76840	28.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	84570	27.26	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	37987	28.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	46514	32.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	97243	29.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	92274	27.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	289248	29.20	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	353233	30.85	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	41651	27.56	ng/ul	0.02
58) Fluorene-d10	15.87	176	257540	28.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	30168	20.92	ng/ul	0.00
71) Anthracene-d10	17.72	188	374007	29.76	ng/ul	0.00
79) Pyrene-d10	19.98	212	401493	31.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	386000	29.68	ng/ul	0.01

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	112334	11.116	ng/ul#	97
70) Phenanthrene	17.66	178	17844	1.304	ng/ul	96
77) Fluoranthene	19.65	202	52135	3.018	ng/ul	99
80) Pyrene	20.01	202	45603	2.965	ng/ul#	95
83) Benzo(a)anthracene	21.88	228	25574	1.655	ng/ul	96
85) Chrysene	21.95	228	30547m	2.078	ng/ul	
88) Benzo(b)fluoranthene	24.22	252	18702	1.172	ng/ul	99
89) Benzo(k)fluoranthene	24.23	252	31040m	1.974	ng/ul	
91) Benzo(a)pyrene	25.14	252	24187m	1.701	ng/ul	
94) Benzo(a,h,i)perylene	30.41	276	16498m	1.156	ng/ul	

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

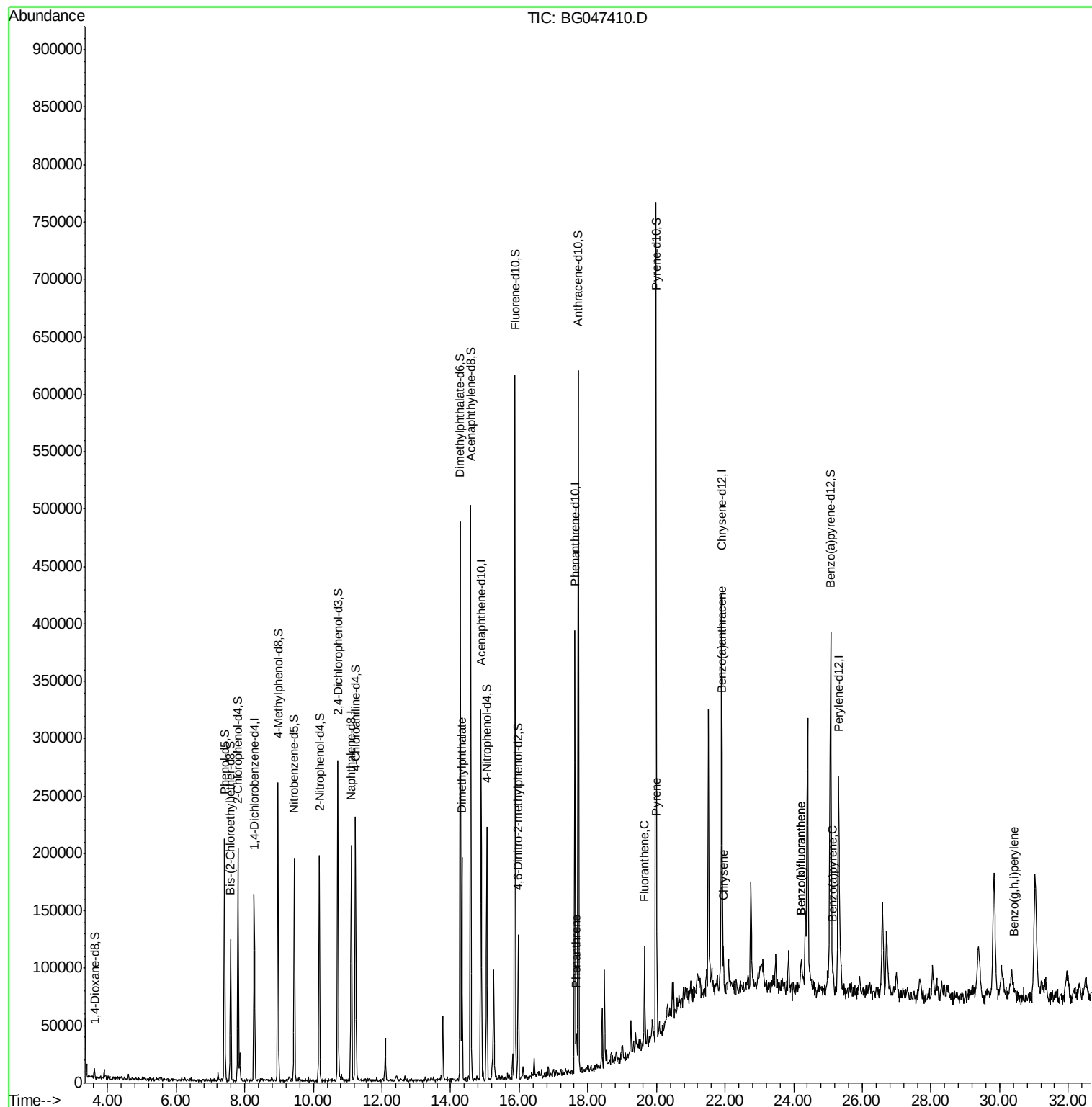
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047410.D
Acq On : 22 Nov 2020 1:14
Operator : CG/JU
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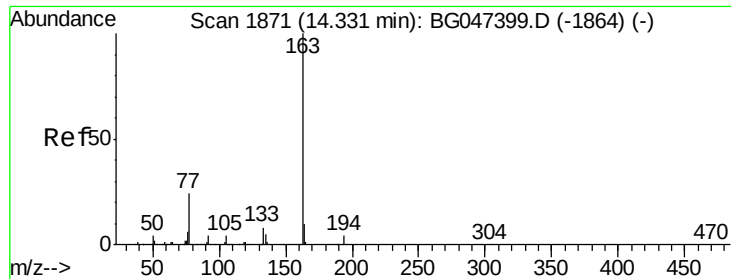
Instrument :
BNA_G
ClientSampled :
C0AZ8

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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





#45

Dimethylphthalate

Concen: 11.116 ng/ul

RT: 14.33 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BG047410.D

Acq: 22 Nov 2020 1:14

Instrument :

BNA_G

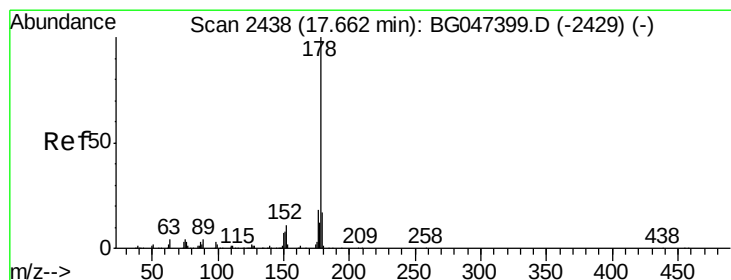
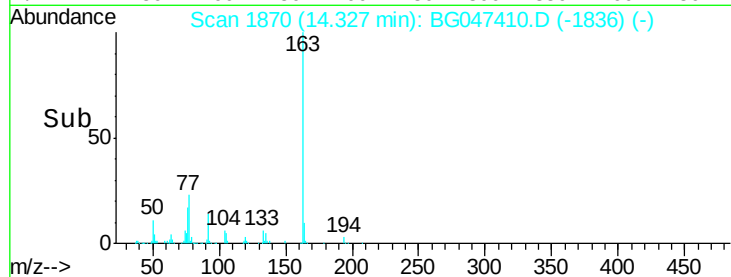
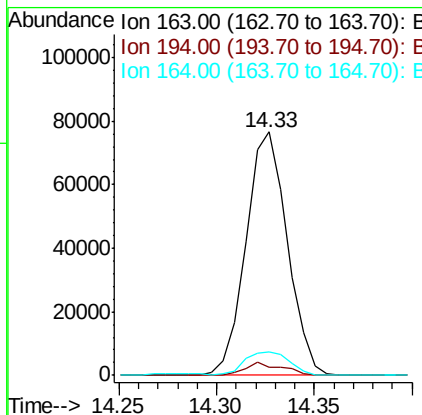
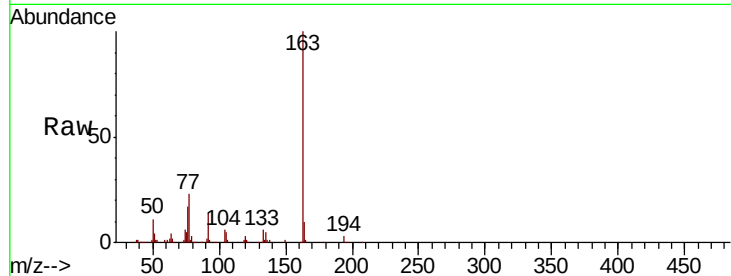
ClientSampled :

C0AZ8

Tot Ion:	163	Resp:	112334
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.4	5.2#
164	9.8	8.8	13.2

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#70

Phenanthrene

Concen: 1.304 ng/ul

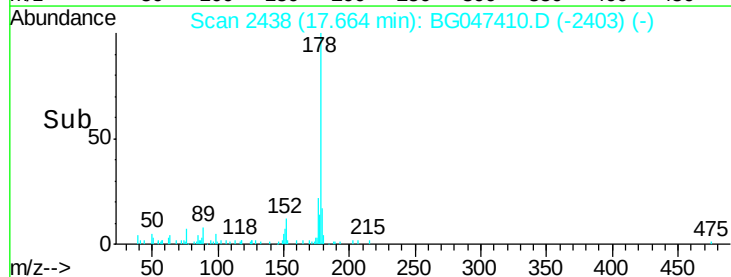
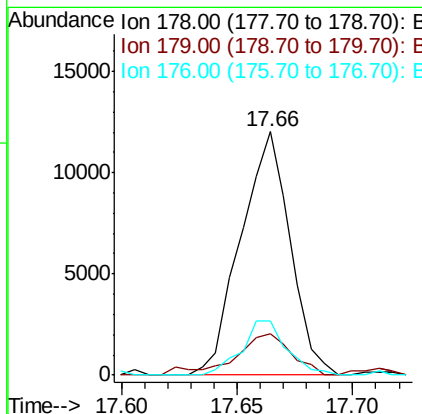
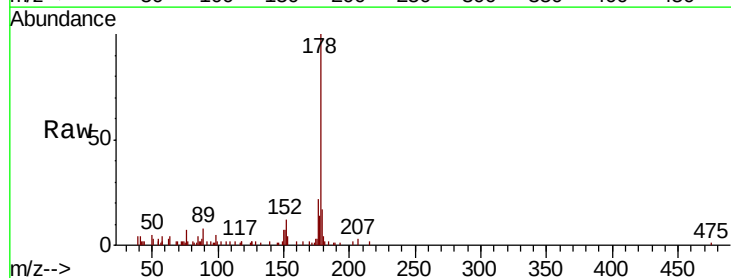
RT: 17.66 min Scan# 2438

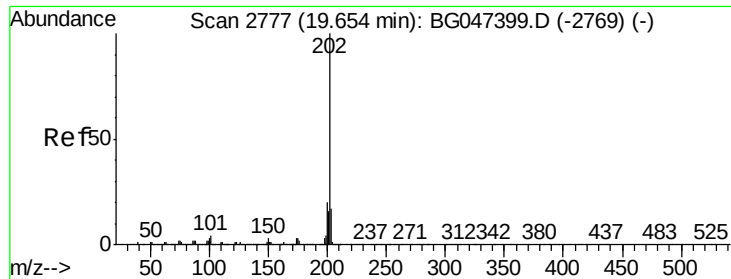
Delta R.T. 0.01 min

Lab File: BG047410.D

Acq: 22 Nov 2020 1:14

Tgt Ion:	178	Resp:	17844
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.8	19.2
176	22.3	15.7	23.5





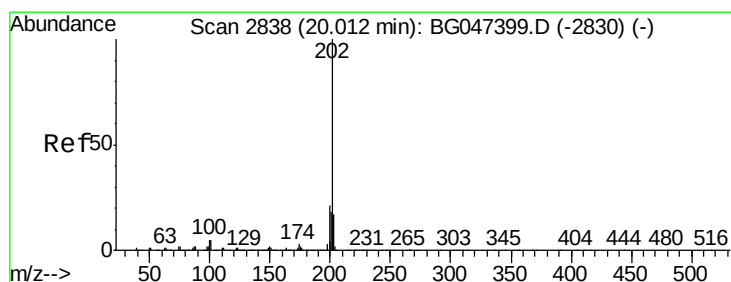
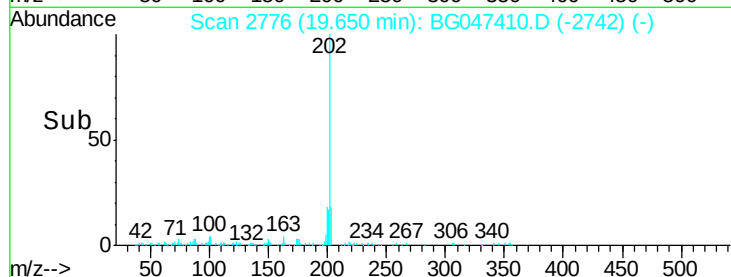
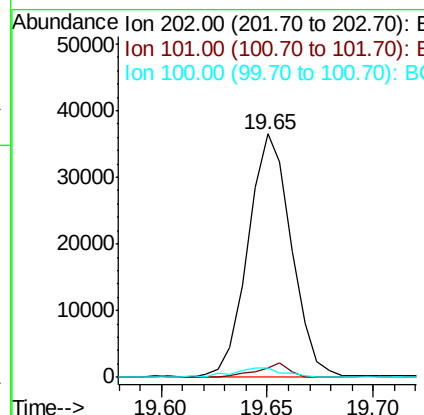
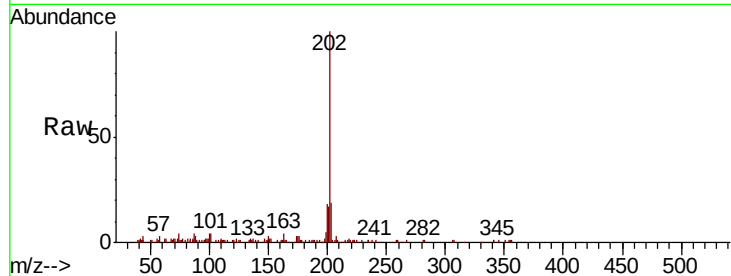
#77
Fluoranthene
Concen: 3.018 ng/ul
RT: 19.65 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BG047410.D
Acq: 22 Nov 2020 1:14

Instrument :
BNA_G
ClientSampled :
C0AZ8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	52135		
101	3.8		3.3	4.9
100	4.0		3.4	5.0

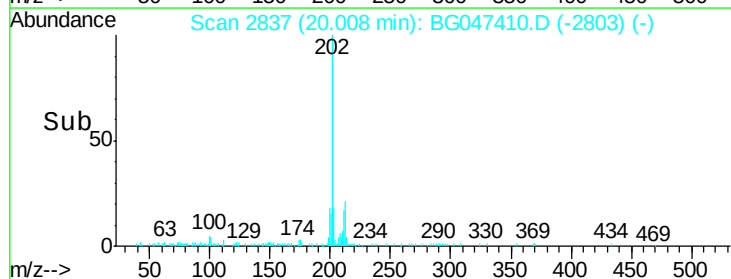
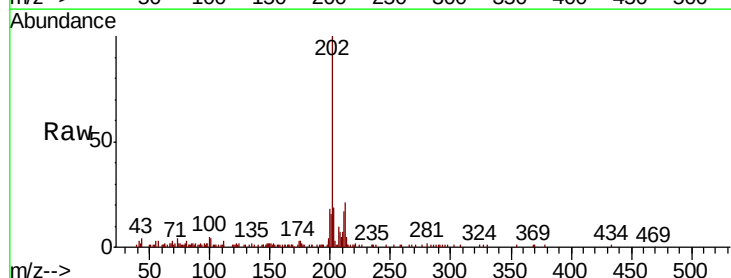
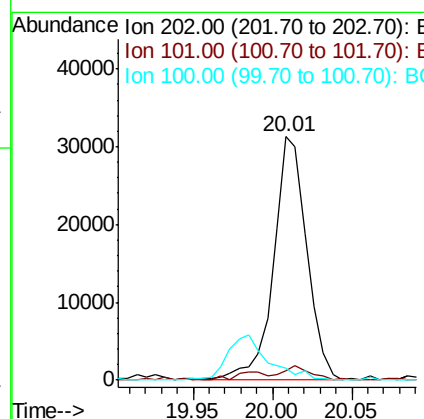
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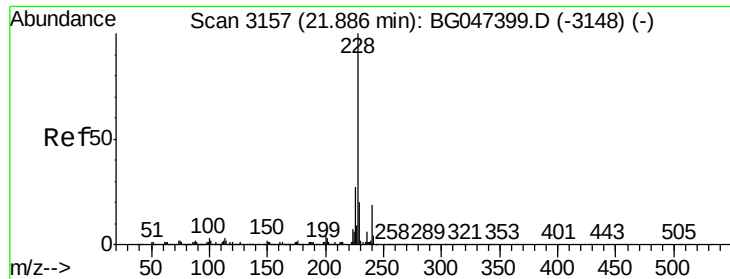
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#80
Pyrene
Concen: 2.965 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG047410.D
Acq: 22 Nov 2020 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45603		
101	3.8		5.0	7.4#
100	4.8		4.6	7.0





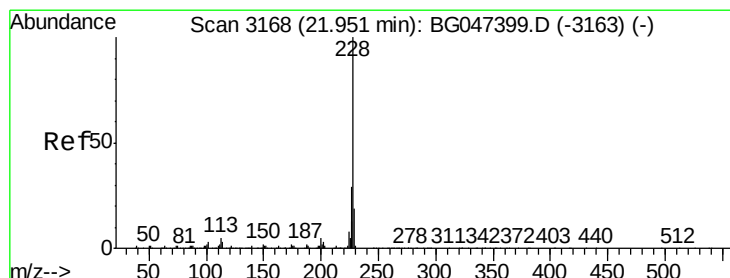
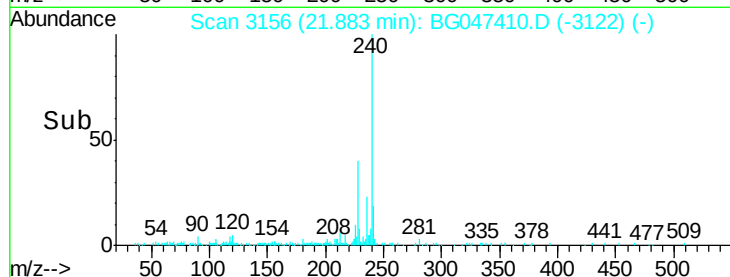
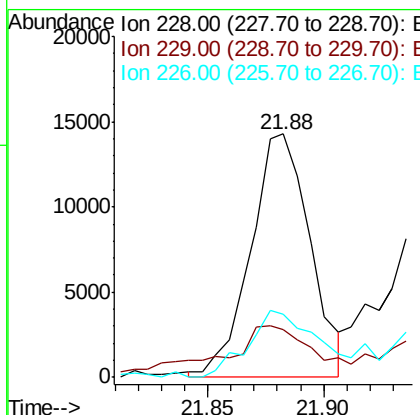
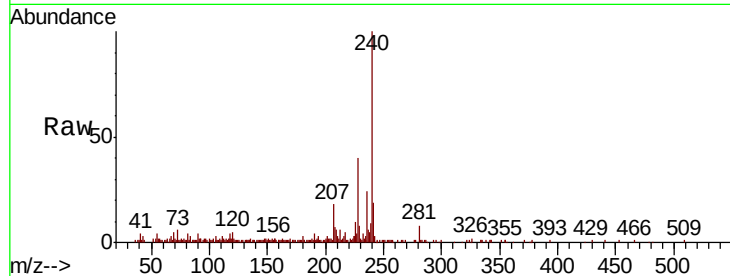
#83
Benzo(a)anthracene
Concen: 1.655 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG047410.D
Acq: 22 Nov 2020 1:14

Instrument :
BNA_G
ClientSampleId :
C0AZ8

Tot Ion:	228	Resp:	25574
Ion Ratio	Lower	Upper	
228	100		
229	19.5	16.2	24.2
226	25.9	23.3	34.9

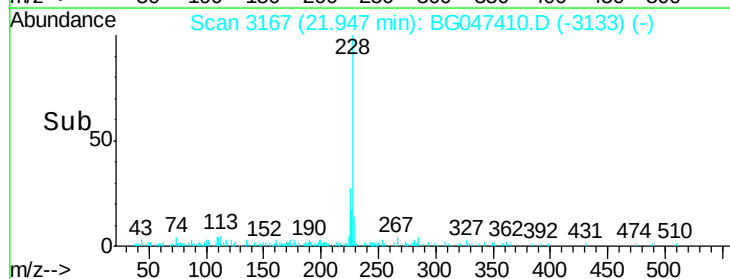
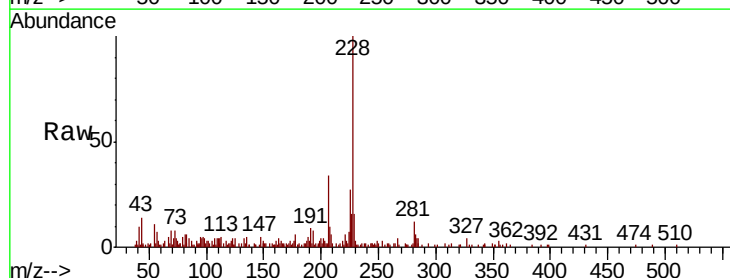
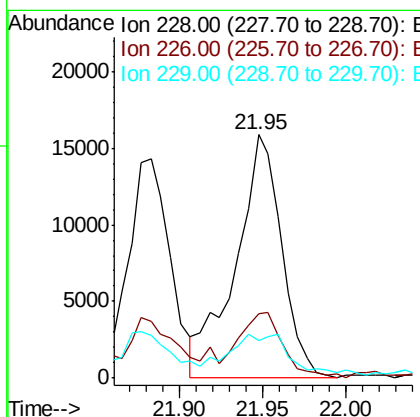
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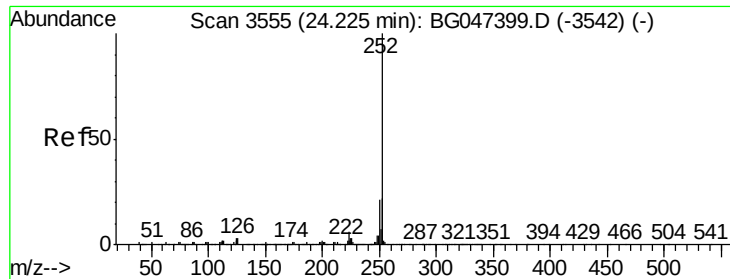
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#85
Chrysene
Concen: 2.078 ng/ul m
RT: 21.95 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG047410.D
Acq: 22 Nov 2020 1:14

Tgt Ion:	228	Resp:	30547
Ion Ratio	Lower	Upper	
228	100		
226	26.5	23.8	35.6
229	15.6	16.3	24.5#





#88

Benzo(b)fluoranthene

Concen: 1.172 ng/ul

RT: 24.22 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG047410.D

Acq: 22 Nov 2020 1:14

Instrument :

BNA_G

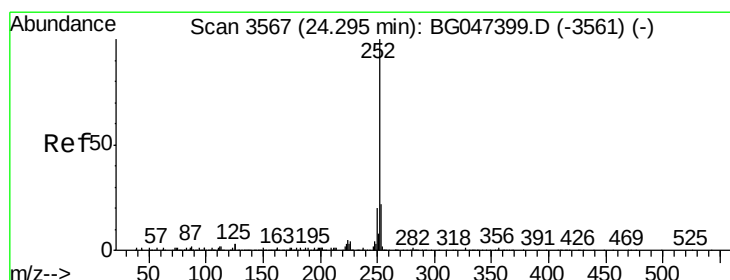
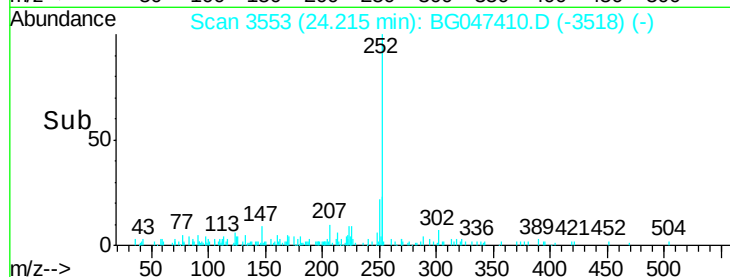
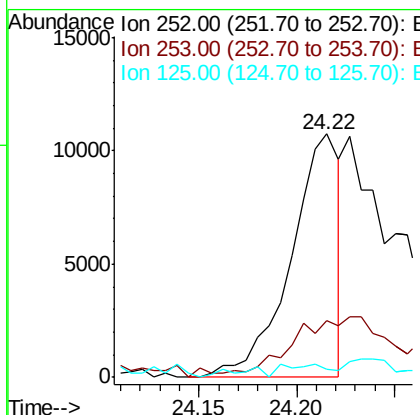
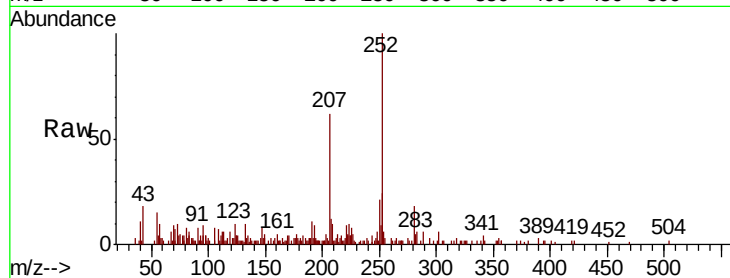
ClientSampleId :

C0AZ8

Tot Ion:	252	Resp:	18702
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.4	27.6
125	3.5	2.5	3.7

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#89

Benzo(k)fluoranthene

Concen: 1.974 ng/ul m

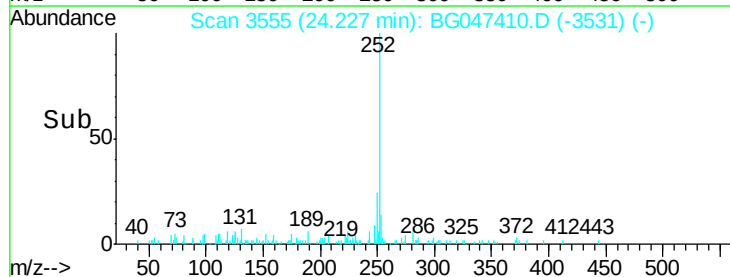
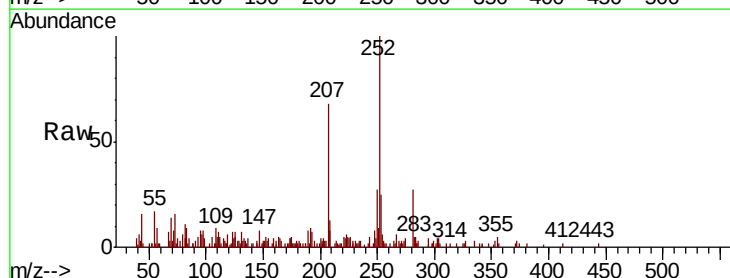
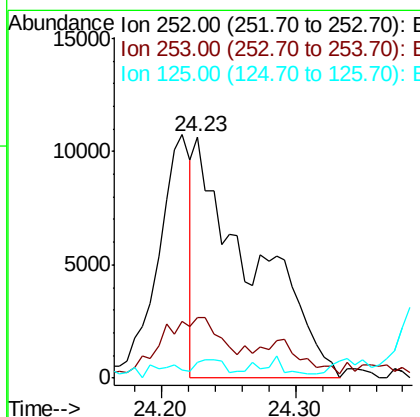
RT: 24.23 min Scan# 3555

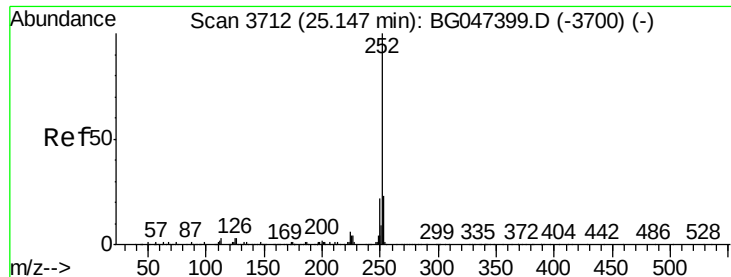
Delta R.T. -0.06 min

Lab File: BG047410.D

Acq: 22 Nov 2020 1:14

Tgt Ion:	252	Resp:	31040
Ion Ratio	Lower	Upper	
252	100		
253	25.0	16.7	25.1
125	6.5	2.6	3.8#





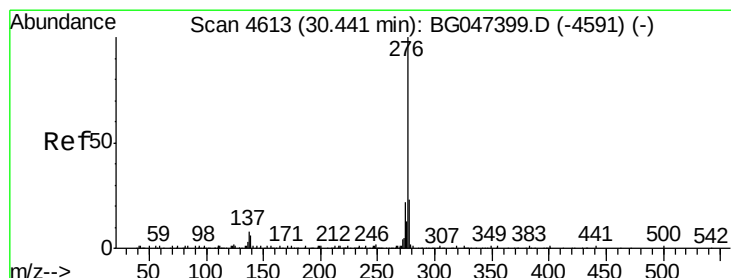
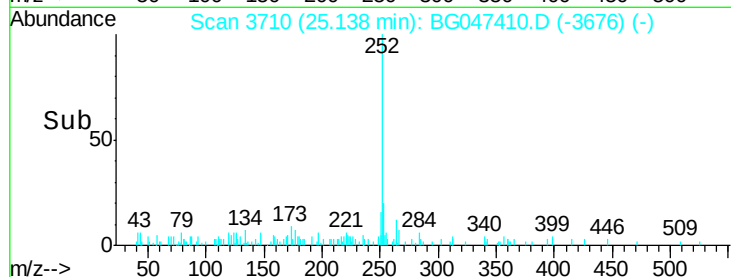
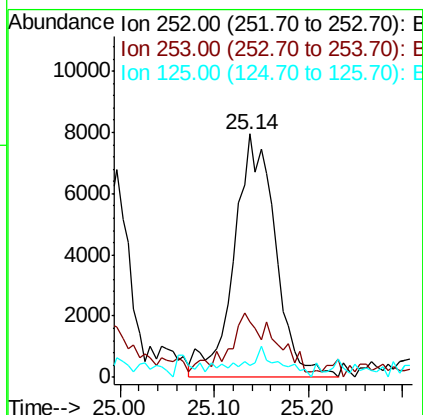
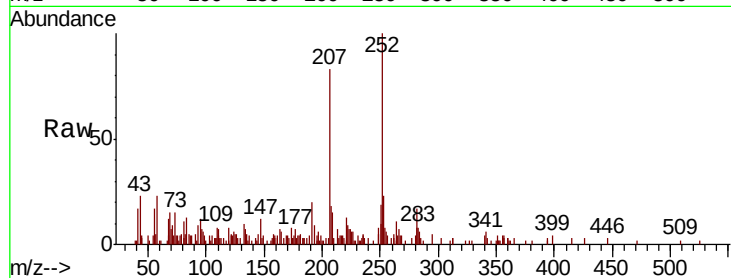
#91
Benzo(a)pyrene
Concen: 1.701 ng/ul m
RT: 25.14 min Scan# 3710
Delta R.T. 0.00 min
Lab File: BG047410.D
Acq: 22 Nov 2020 1:14

Instrument :
BNA_G
ClientSampled :
C0AZ8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	4.7	3.1	4.7#

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#94
Benzo(g,h,i)perylene
Concen: 1.156 ng/ul m
RT: 30.41 min Scan# 4608
Delta R.T. -0.00 min
Lab File: BG047410.D
Acq: 22 Nov 2020 1:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.6	8.2	12.2
277	22.5	17.5	26.3

