

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047601.D
 Acq On : 5 Dec 2020 11:51
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:12 PM

Quant Time: Dec 07 05:21:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	25048	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	94351	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	77059	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	192784	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	187174	20.00	ng/ul	-0.02
86) Perylene-d12	25.26	264	188846	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1882	2.73	ng/uL	-0.03
5) Phenol-d5	7.38	99	25640	10.21	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	14676	10.24	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.78	132	20278	12.04	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	19117	9.90	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	10734	13.77	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	11897	13.99	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	23675	12.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	23673	12.02	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	91236	13.79	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	103316	13.51	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	11106	11.00	ng/ul	0.00
58) Fluorene-d10	15.85	176	80926	13.35	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	14616	13.32	ng/ul	-0.02
71) Anthracene-d10	17.69	188	134221	14.03	ng/ul	-0.02
79) Pyrene-d10	19.96	212	158815	14.58	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.03	264	152085	13.99	ng/ul	-0.03

Target Compounds

					Ovalue
6) Phenol	7.41	94	3493	1.451	ng/ul 95
45) Dimethylphthalate	14.30	163	15912	2.358	ng/ul# 98
77) Fluoranthene	19.63	202	28367	2.158	ng/ul# 95
80) Pyrene	19.99	202	26110	1.969	ng/ul# 93
83) Benzo(a)anthracene	21.86	228	16460	1.236	ng/ul 94
85) Chrysene	21.92	228	15065	1.189	ng/ul 94
88) Benzo(b)fluoranthene	24.19	252	22552m	1.691	ng/ul
91) Benzo(a)pyrene	25.10	252	14936m	1.257	ng/ul

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

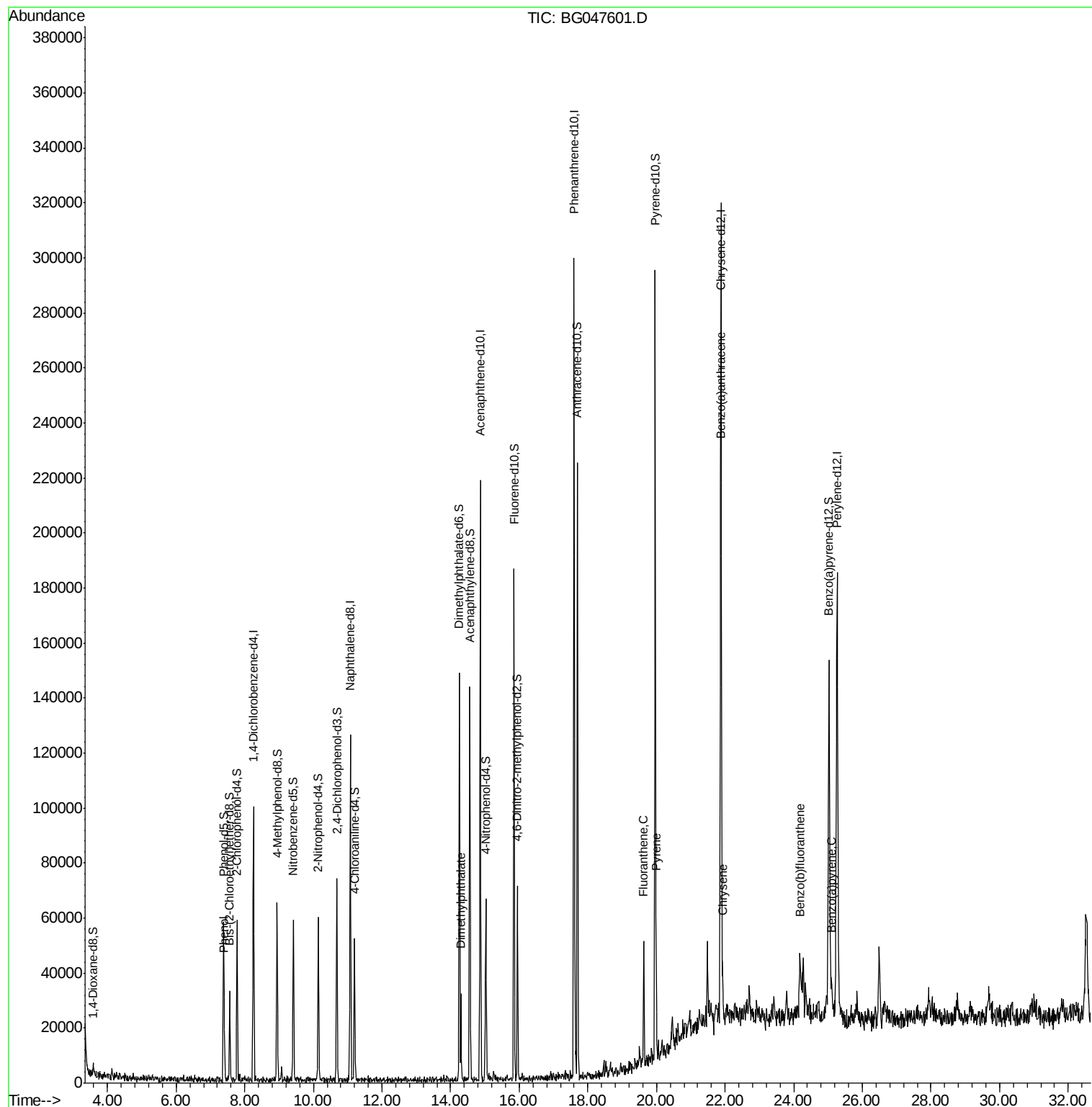
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047601.D
Acq On : 5 Dec 2020 11:51
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ALS Vial : 34 Sample Multiplier: 1

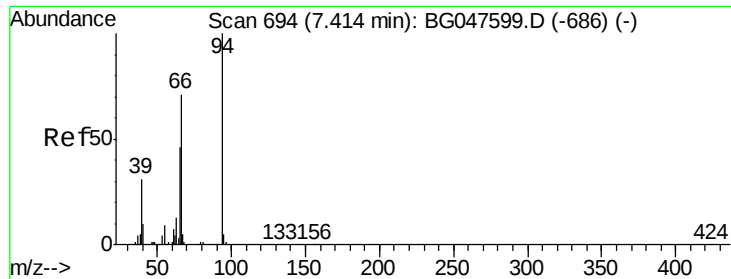
Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.451 ng/ul

RT: 7.41 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Instrument :

BNA_G

ClientSampleId :

C0B27

Tot Ion: 94 Resp: 3493

Ion Ratio Lower Upper

94 100

65 33.2 31.2 46.8

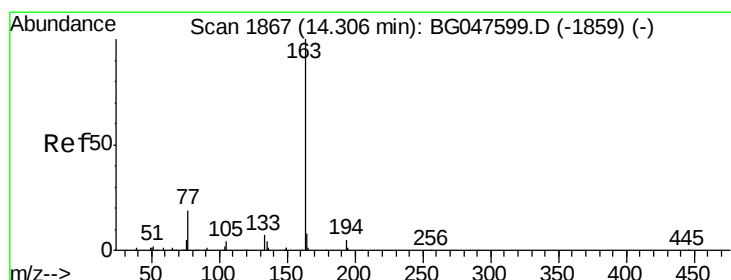
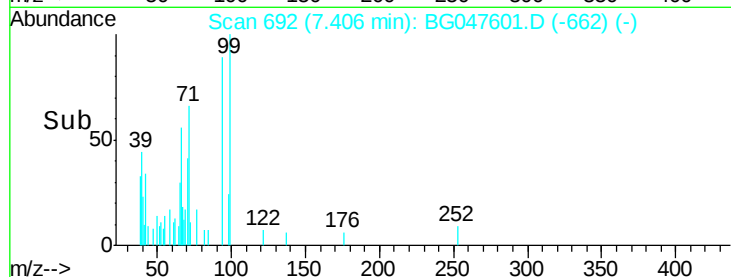
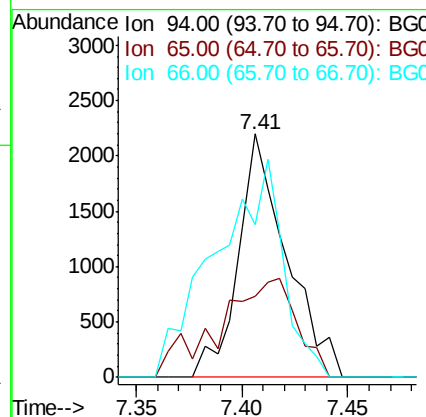
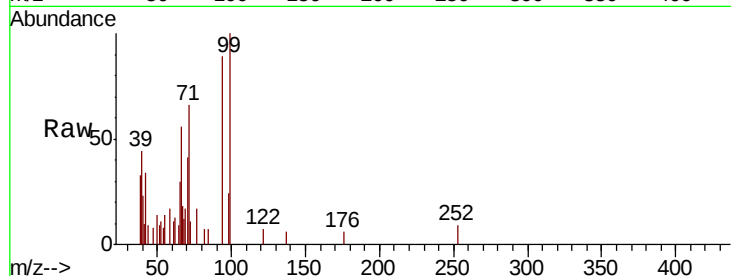
66 62.8 52.2 78.2

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#45

Dimethylphthalate

Concen: 2.358 ng/ul

RT: 14.30 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

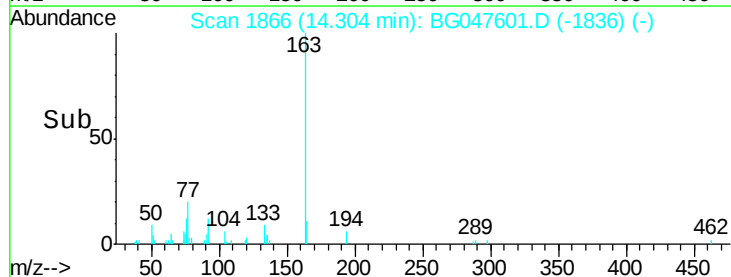
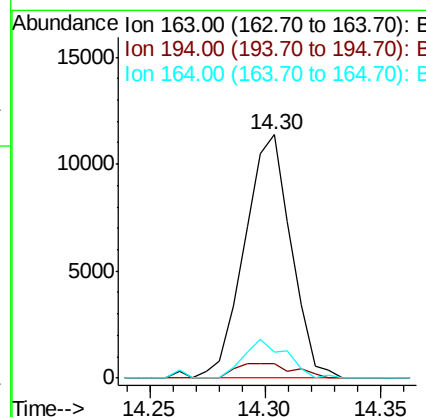
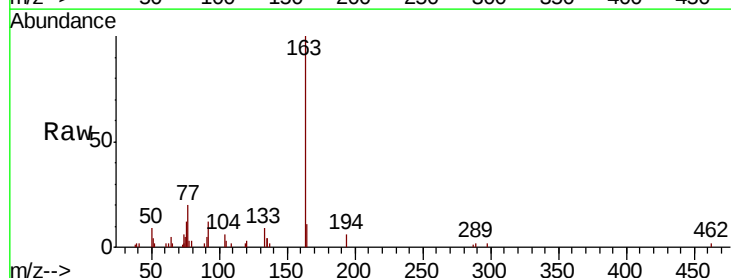
Tgt Ion: 163 Resp: 15912

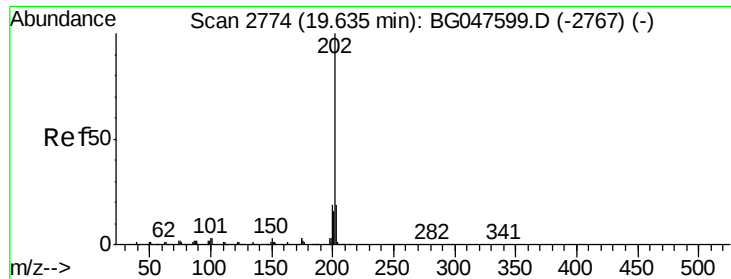
Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

164 10.6 8.8 13.2





#77

Fluoranthene

Concen: 2.158 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Instrument :

BNA_G

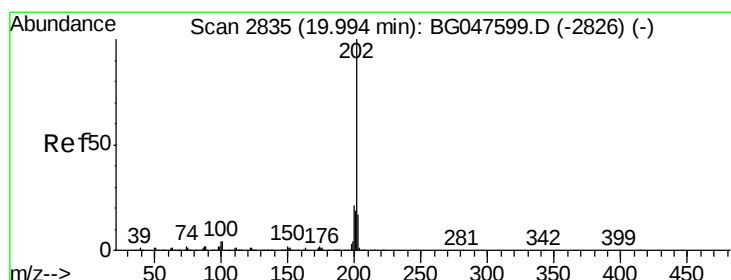
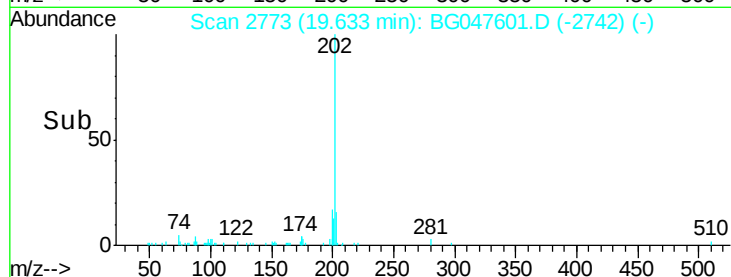
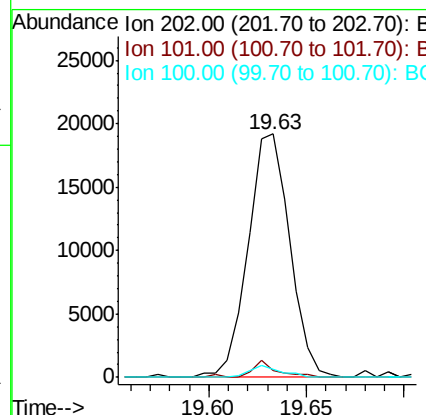
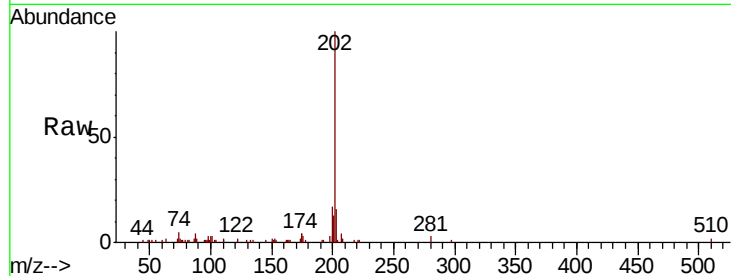
ClientSampleId :

C0B27

Tot Ion:	202	Resp:	28367
Ion Ratio	Lower	Upper	
202	100		
101	2.8	3.3	4.9#
100	6.3	3.4	5.0#

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#80

Pyrene

Concen: 1.969 ng/ul

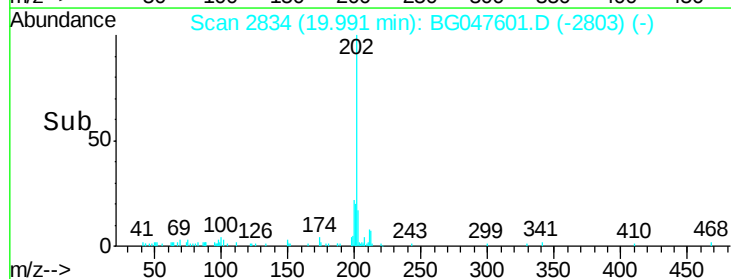
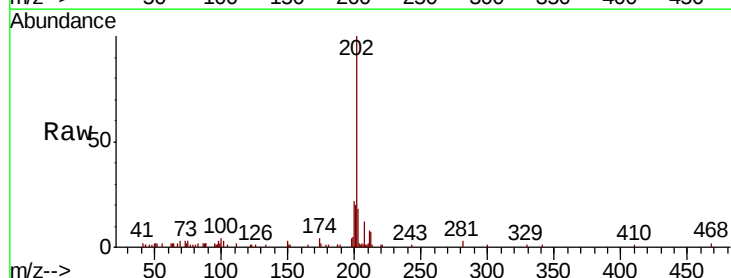
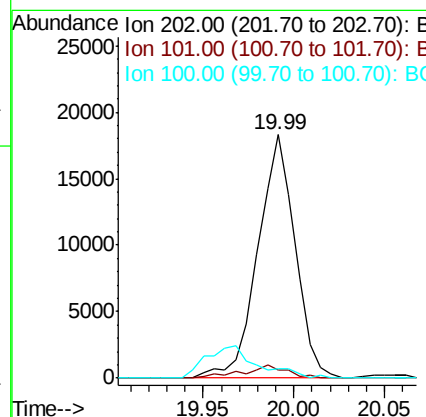
RT: 19.99 min Scan# 2834

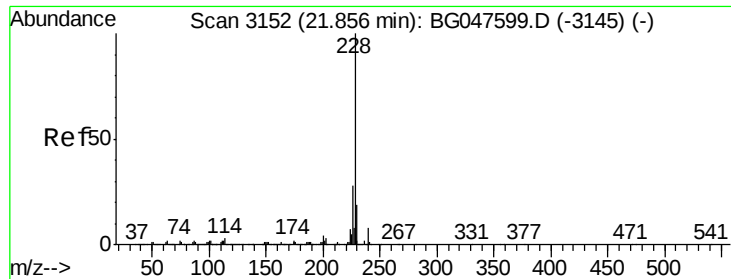
Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Tgt Ion:	202	Resp:	26110
Ion Ratio	Lower	Upper	
202	100		
101	3.3	5.0	7.4#
100	3.9	4.6	7.0#





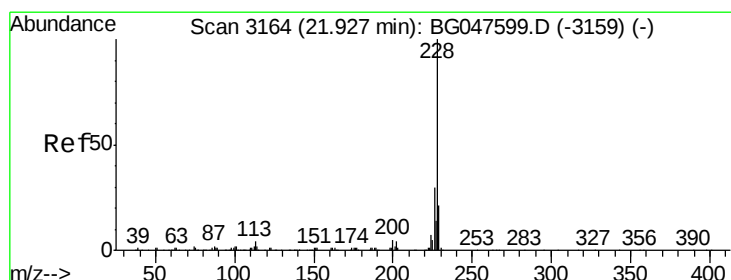
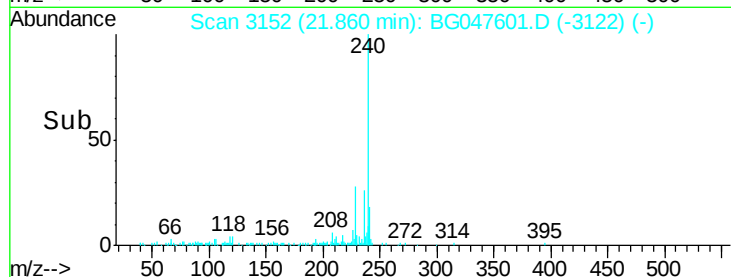
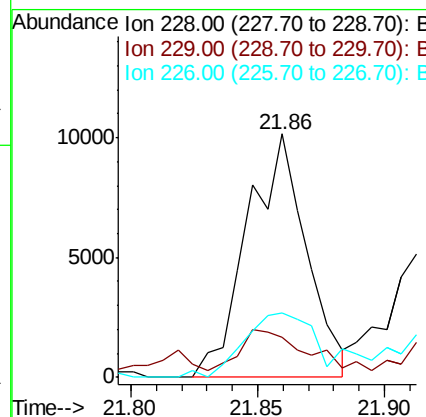
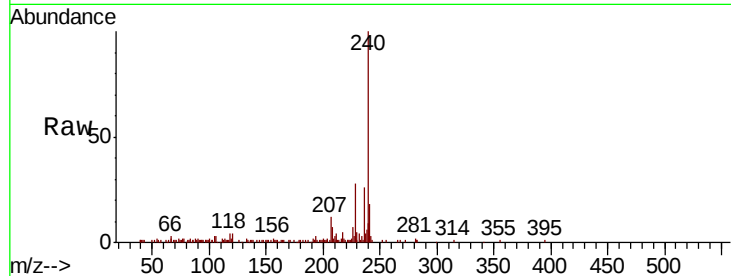
#83
Benzo(a)anthracene
Concen: 1.236 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047601.D
Acq: 5 Dec 2020 11:51

Instrument :
BNA_G
ClientSampled :
C0B27

Tot Ion	Ratio	Lower	Upper
228	100		
229	16.5	16.2	24.2
226	26.2	23.3	34.9

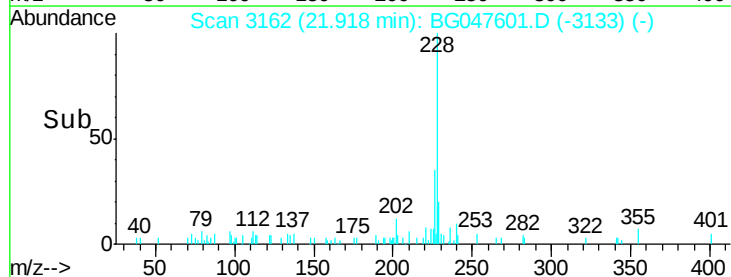
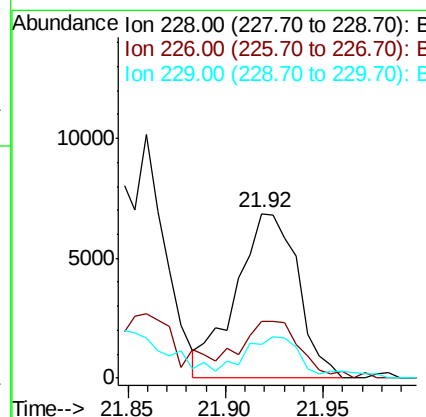
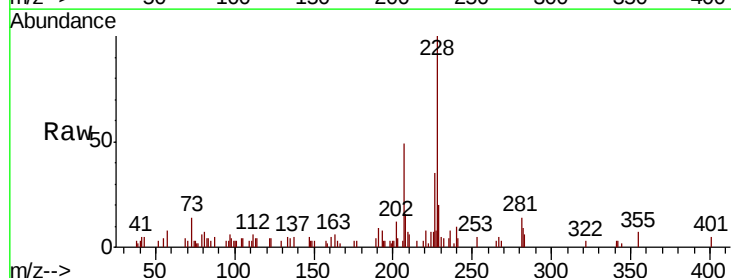
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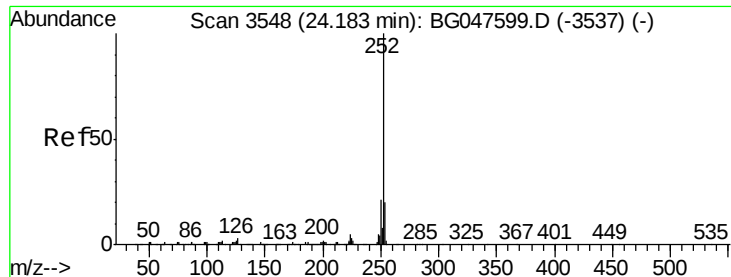
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#85
Chrysene
Concen: 1.189 ng/ul
RT: 21.92 min Scan# 3162
Delta R.T. -0.03 min
Lab File: BG047601.D
Acq: 5 Dec 2020 11:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.7	23.8	35.6
229	20.3	16.3	24.5





#88

Benzo(b)fluoranthene

Concen: 1.691 ng/ul m

RT: 24.19 min Scan# 3549

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Instrument :

BNA_G

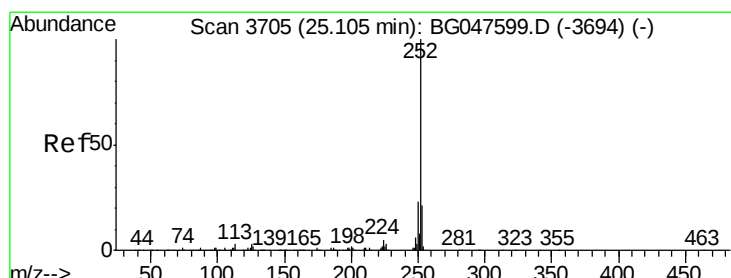
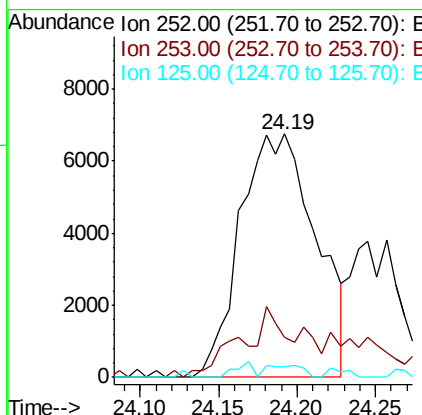
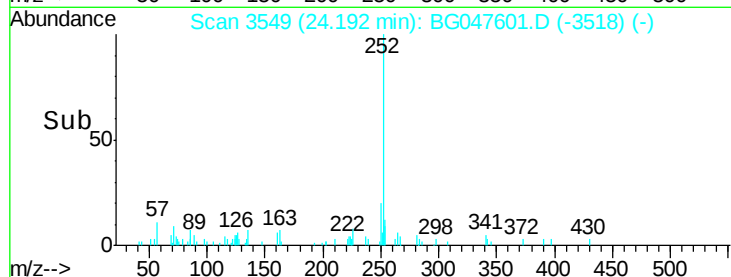
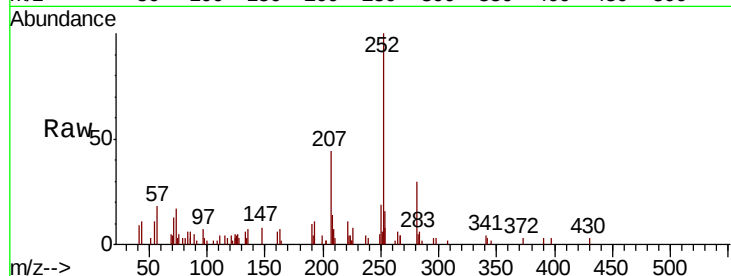
ClientSampleId :

C0B27

Tot Ion:	252	Resp:	22552
Ion Ratio	Lower	Upper	
252	100		
253	16.3	18.4	27.6#
125	4.4	2.5	3.7#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 1.257 ng/ul m

RT: 25.10 min Scan# 3703

Delta R.T. -0.04 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Tgt Ion:	252	Resp:	14936
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.5	26.3#
125	0.0	3.1	4.7#

