

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047690.D
 Acq On : 10 Dec 2020 2:45
 Operator : CG/JU
 Sample : L4941-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

mohammad
 12/10/2020 8:38:30 AM

Quant Time: Dec 10 04:22:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 03:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27566	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	111837	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	95552	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	259275	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	248634	20.00	ng/ul	0.00
86) Perylene-d12	25.20	264	258556	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	996m	1.92	ng/uL	-0.02
5) Phenol-d5	7.35	99	21274	9.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	13011	10.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	17812	9.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	13494	7.21	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	9858	10.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	10537	9.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	22692	9.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	23571	10.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	77144	9.29	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	95915	10.12	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	11115	9.03	ng/ul	0.00
58) Fluorene-d10	15.82	176	78321	10.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	12071	6.88	ng/ul	0.00
71) Anthracene-d10	17.67	188	137090m	10.60	ng/ul	0.00
79) Pyrene-d10	19.94	212	171406	11.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	170308	11.28	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.38	94	4905	2.201 ng/ul	94
45) Dimethylphthalate	14.27	163	12621	1.501 ng/ul	100
77) Fluoranthene	19.61	202	35778	2.001 ng/ul#	98
80) Pyrene	19.97	202	30319	1.677 ng/ul#	96
83) Benzo(a)anthracene	21.83	228	18137m	1.021 ng/ul	
85) Chrysene	21.90	228	17141m	1.022 ng/ul	
88) Benzo(b)fluoranthene	24.13	252	23797m	1.318 ng/ul	
91) Benzo(a)pyrene	25.04	252	16691	1.025 ng/ul#	95

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

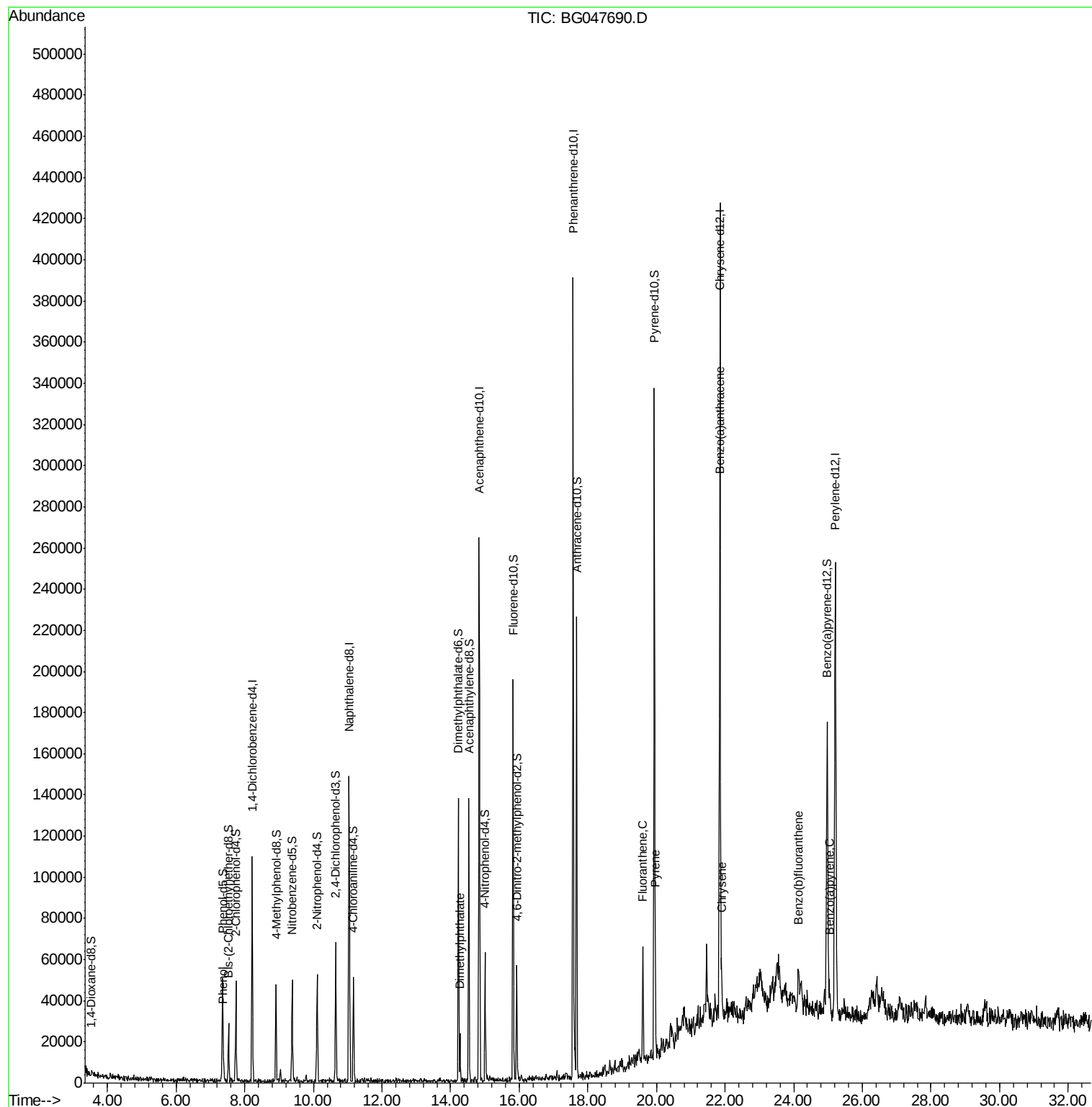
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
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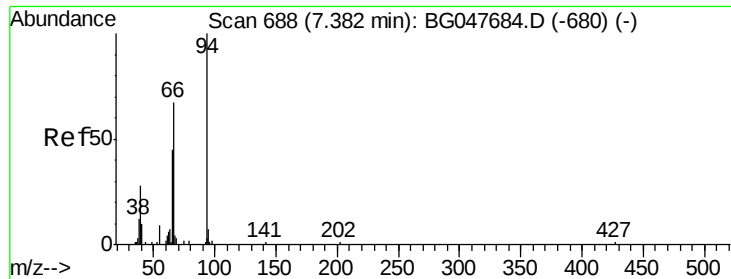
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.201 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG047690.D

Acq: 10 Dec 2020 2:45

Instrument :

BNA_G

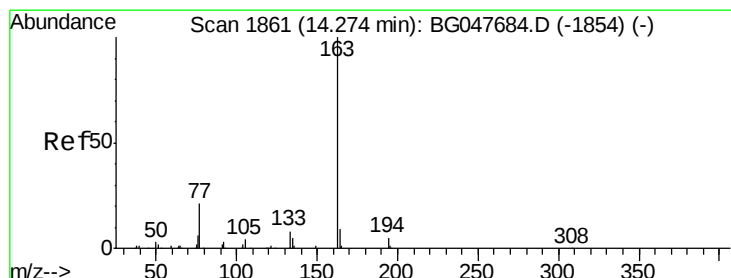
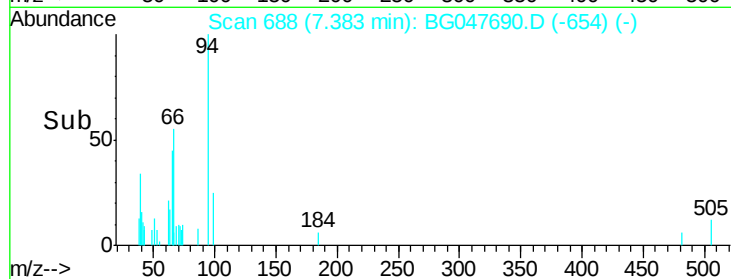
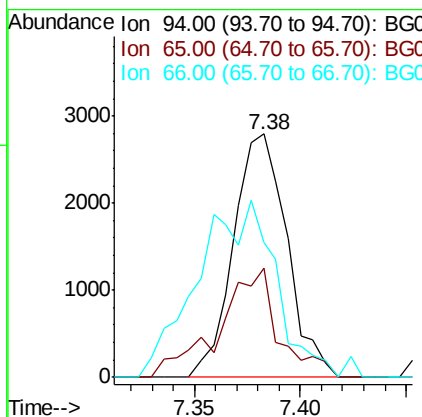
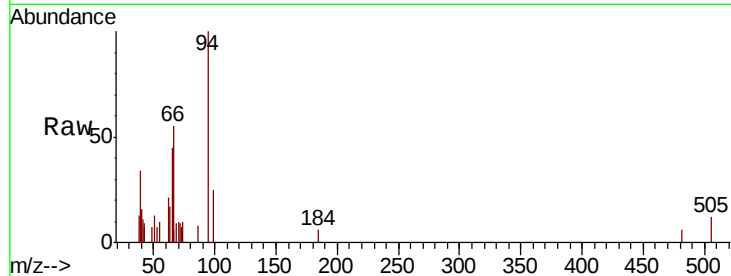
ClientSampleId :

C0B30

Tot Ion:	94	Resp:	4905
Ion	Ratio	Lower	Upper
94	100		
65	44.7	35.9	53.9
66	55.3	50.1	75.1

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#45

Dimethylphthalate

Concen: 1.501 ng/ul

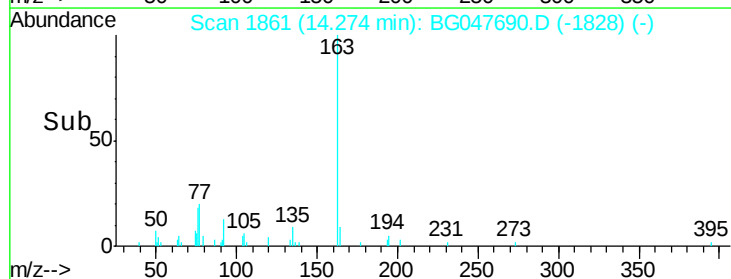
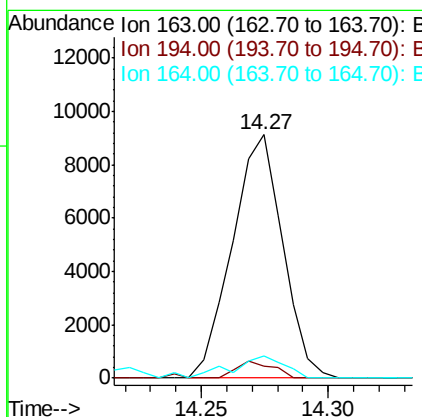
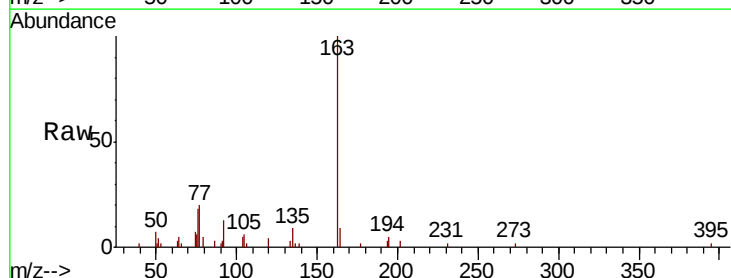
RT: 14.27 min Scan# 1861

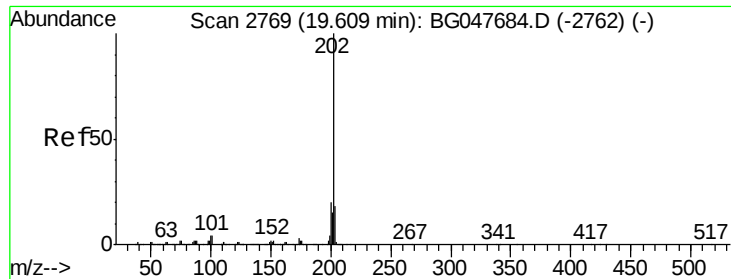
Delta R.T. -0.00 min

Lab File: BG047690.D

Acq: 10 Dec 2020 2:45

Tgt Ion:	163	Resp:	12621
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.9	5.9
164	9.4	7.4	11.2





#77

Fluoranthene

Concen: 2.001 ng/ul

RT: 19.61 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG047690.D

Acq: 10 Dec 2020 2:45

Instrument :

BNA_G

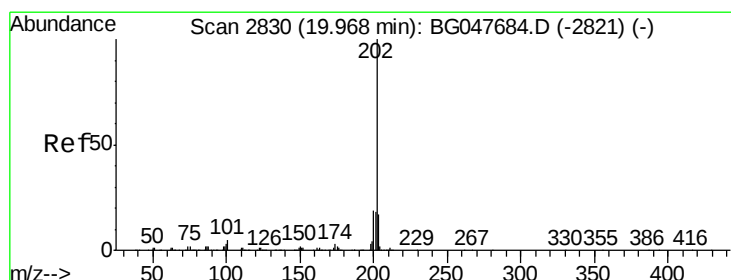
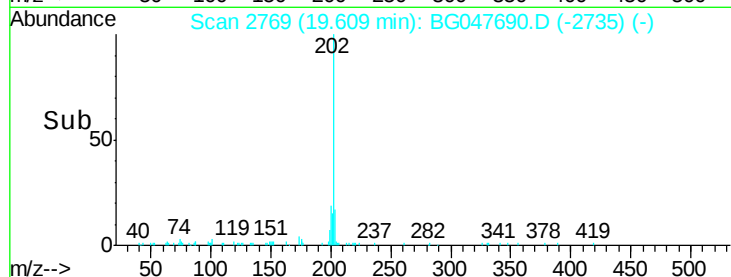
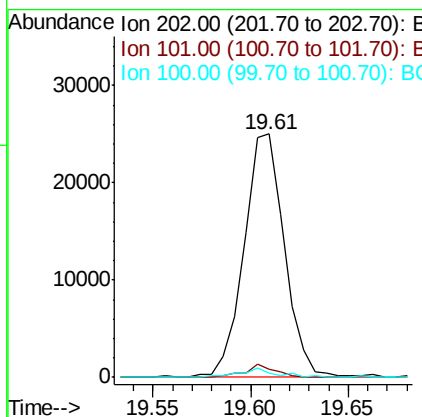
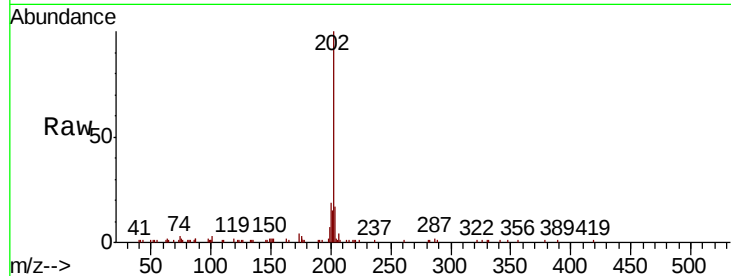
ClientSampleId :

C0B30

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.1	2.4	3.6
100	2.0	2.6	3.8#

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#80

Pyrene

Concen: 1.677 ng/ul

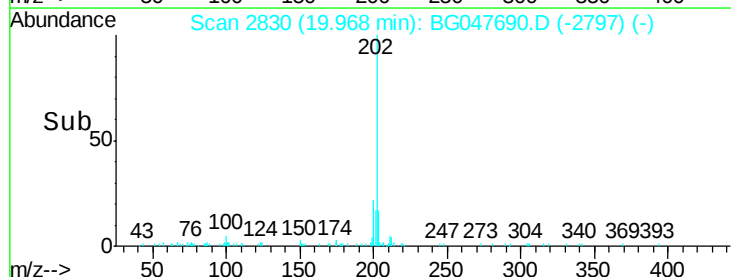
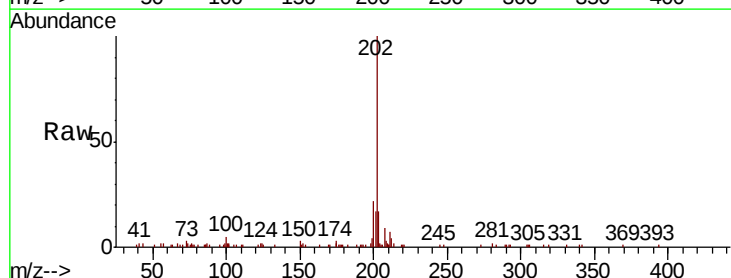
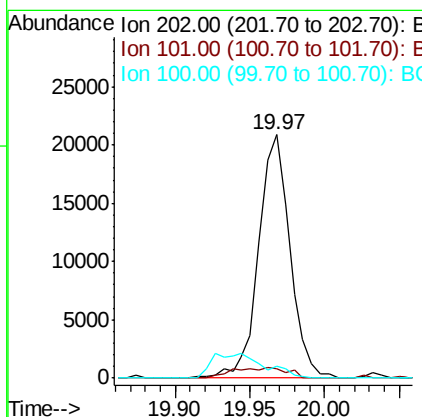
RT: 19.97 min Scan# 2830

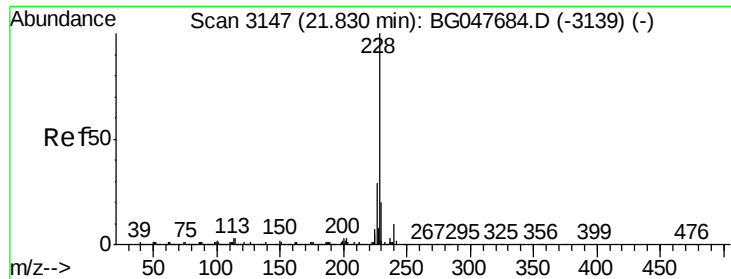
Delta R.T. -0.00 min

Lab File: BG047690.D

Acq: 10 Dec 2020 2:45

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	3.8	2.5	3.7#
100	5.1	2.4	3.6#





#83

Benzo(a)anthracene

Concen: 1.021 ng/ul m

RT: 21.83 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG047690.D

Acq: 10 Dec 2020 2:45

Instrument :

BNA_G

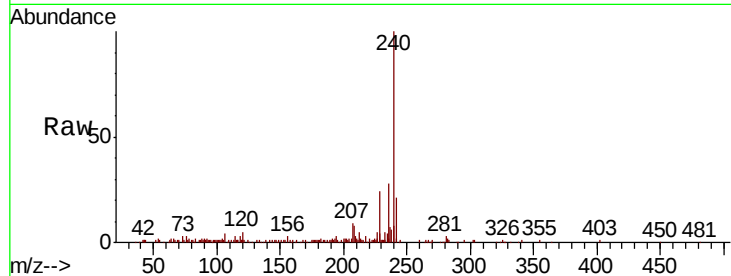
ClientSampleId :

C0B30

Tot Ion	Ratio	Lower	Upper
228	100		
229	16.4	16.0	24.0
226	20.8	22.4	33.6

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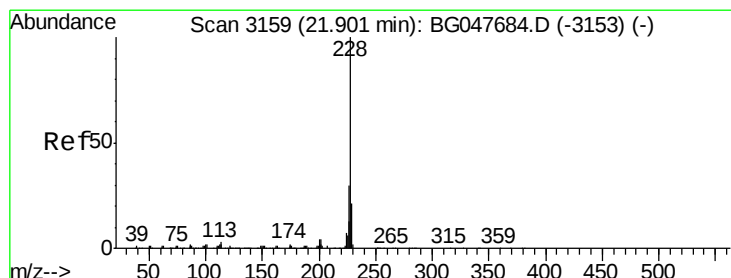
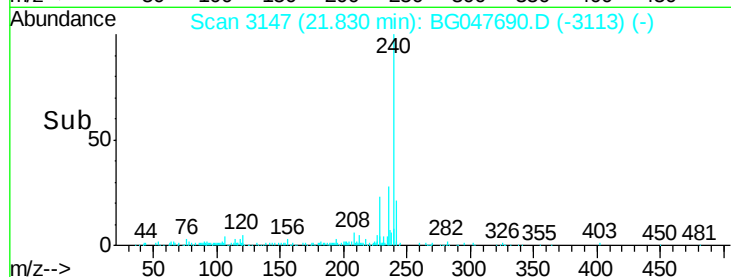
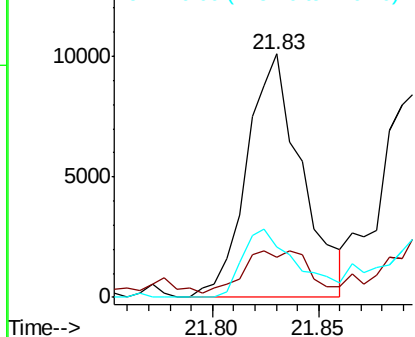


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 1.022 ng/ul m

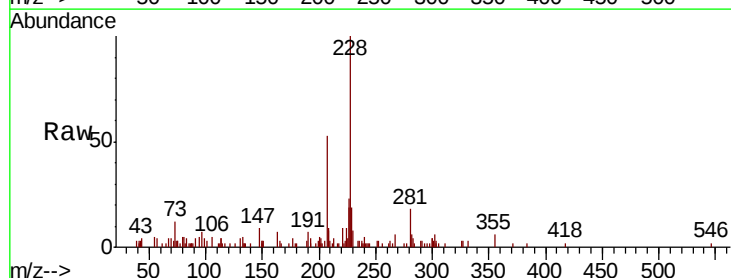
RT: 21.90 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG047690.D

Acq: 10 Dec 2020 2:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.1	23.0	34.4
229	19.4	15.8	23.8

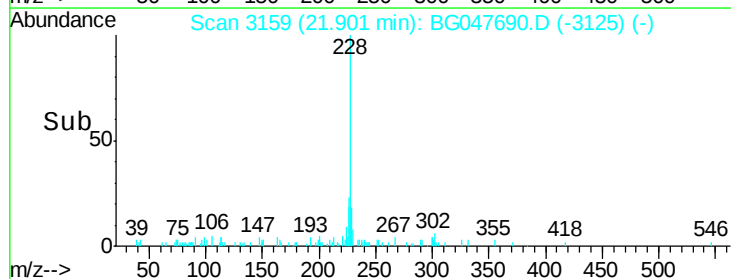
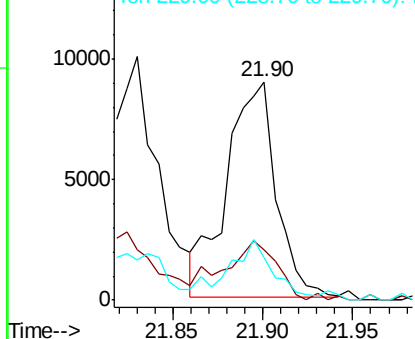


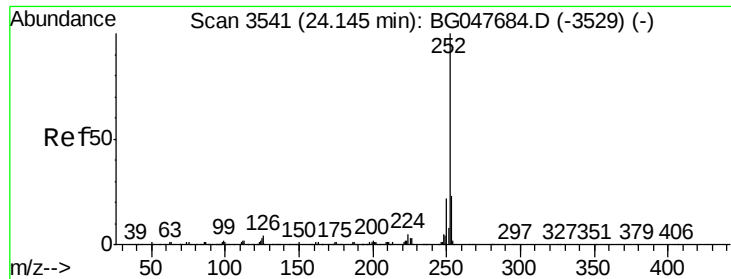
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





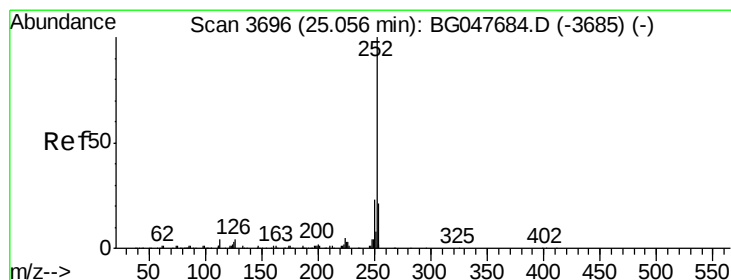
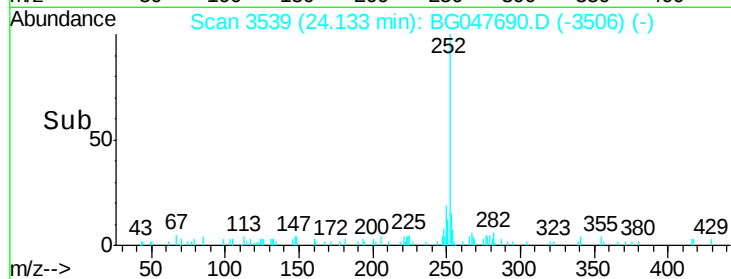
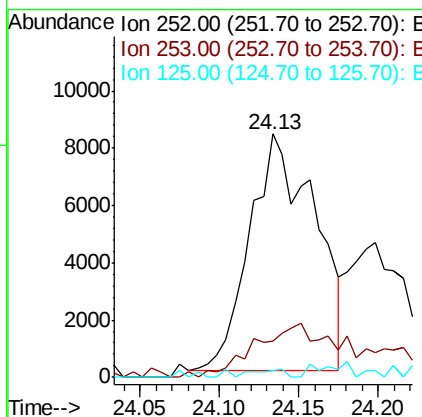
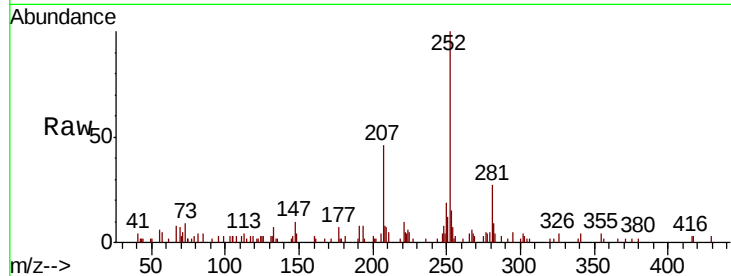
#88
Benzo(b)fluoranthene
Concen: 1.318 ng/ul m
RT: 24.13 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG047690.D
Acq: 10 Dec 2020 2:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	15.0	18.7	28.1#
125	2.8	2.6	3.8

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#91
Benzo(a)pyrene
Concen: 1.025 ng/ul
RT: 25.04 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG047690.D
Acq: 10 Dec 2020 2:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.9	25.3
125	6.6	2.6	3.8#

