

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047691.D
 Acq On : 10 Dec 2020 3:25
 Operator : CG/JU
 Sample : L4941-15
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B34

Manual Integrations
 APPROVED

mohammad
 12/10/2020 8:38:33 AM

Quant Time: Dec 10 04:43:42 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	35059	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	141563	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	108514	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	282944	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	264869	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	271783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	1368	2.08	ng/uL	0.00
5) Phenol-d5	7.35	99	36760	12.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	20306	13.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	29184	12.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	20018	8.41	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	15505	13.43	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	18352	13.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	35743	11.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	29966	10.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	116000	12.31	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	148748	13.82	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	14431	10.32	ng/ul	0.00
58) Fluorene-d10	15.82	176	110750	12.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	17304	9.03	ng/ul	0.00
71) Anthracene-d10	17.67	188	177344m	12.57	ng/ul	0.00
79) Pyrene-d10	19.94	212	211008	13.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	206252	12.99	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.37	94	7233	2.552	ng/ul 93
45) Dimethylphthalate	14.27	163	29681	3.109	ng/ul 99
70) Phenanthrene	17.62	178	24610	1.605	ng/ul# 94
77) Fluoranthene	19.61	202	90539	4.640	ng/ul 99
80) Pyrene	19.97	202	78088	4.054	ng/ul# 98
83) Benzo(a)anthracene	21.83	228	60629m	3.204	ng/ul
85) Chrysene	21.89	228	59632	3.339	ng/ul# 93
88) Benzo(b)fluoranthene	24.14	252	85504	4.507	ng/ul# 97
89) Benzo(k)fluoranthene	24.21	252	33716m	1.793	ng/ul
91) Benzo(a)pyrene	25.05	252	56394	3.296	ng/ul# 99
92) Indeno(1,2,3-cd)pyrene	29.07	276	39127m	1.875	ng/ul
94) Benzo(g,h,i)perylene	30.27	276	33409m	1.950	ng/ul

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

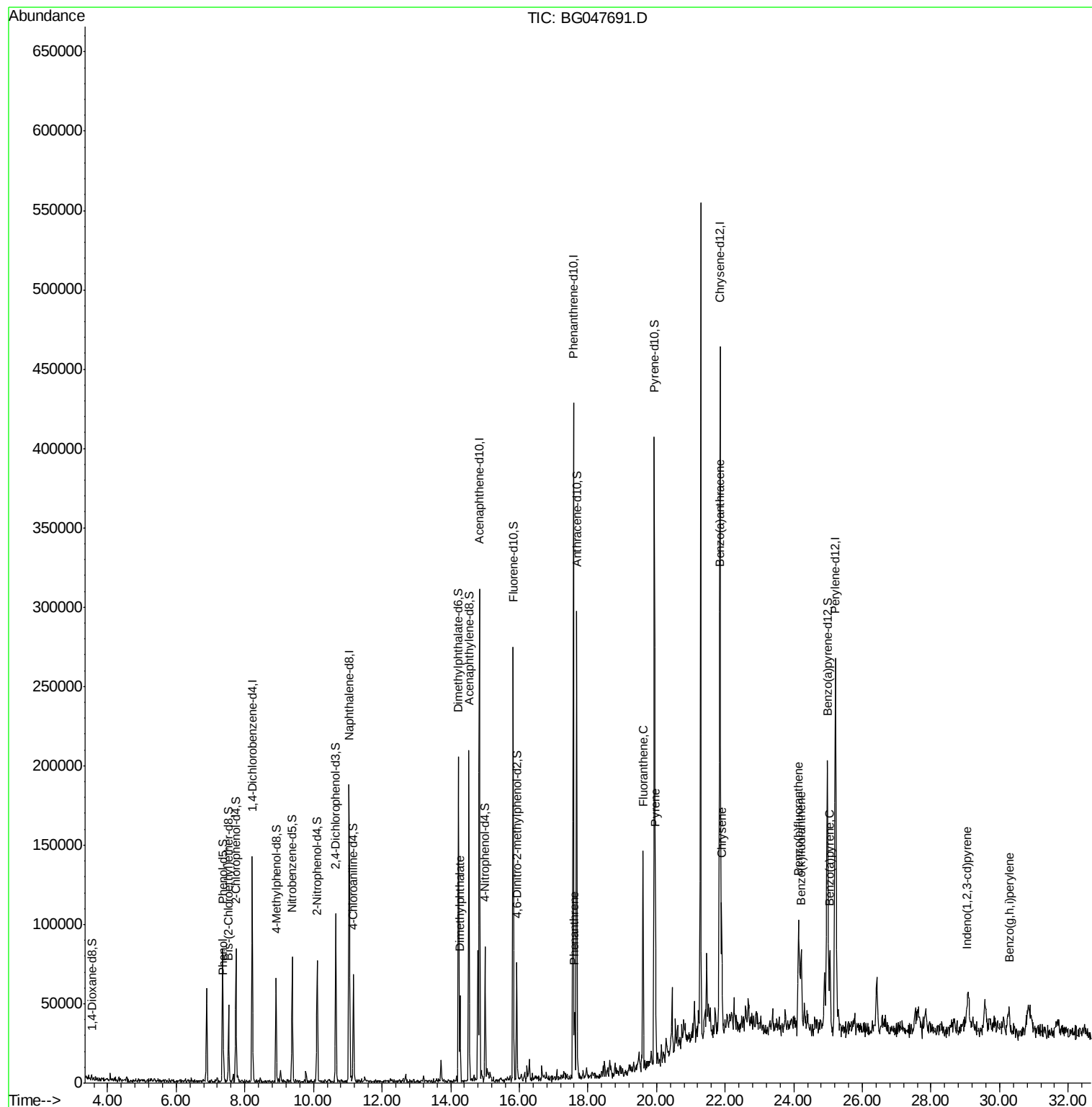
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047691.D
Acq On : 10 Dec 2020 3:25
Operator : CG/JU
Sample : L4941-15
Misc :
ALS Vial : 44 Sample Multiplier: 1

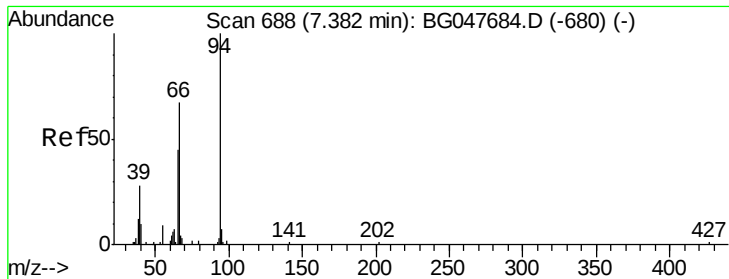
Instrument :
BNA_G
ClientSampleId :
C0B34

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12/10/2020 8:38:33 AM

Quant Time: Dec 10 04:43:42 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





#6

Phenol

Concen: 2.552 ng/ul

RT: 7.37 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Instrument :

BNA_G

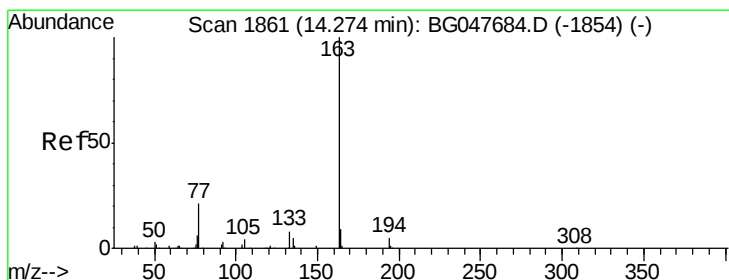
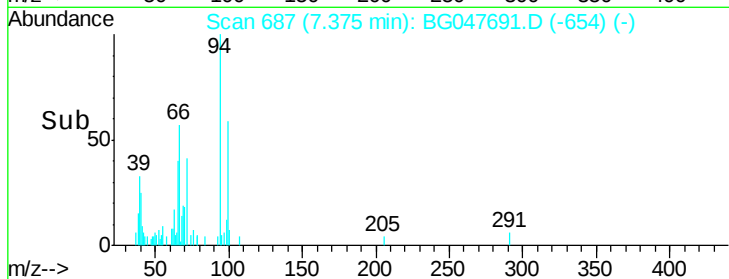
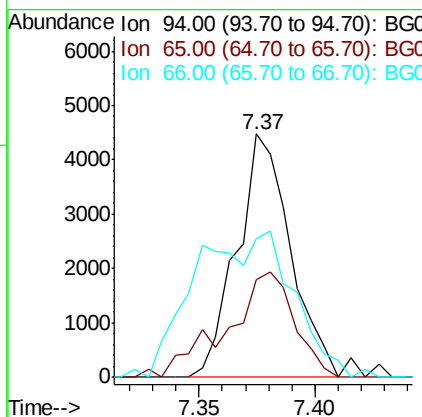
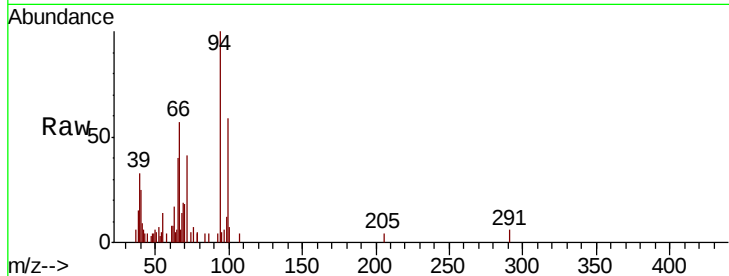
ClientSampleId :

C0B34

Tot Ion:	94	Resp:	7233
Ion	Ratio	Lower	Upper
94	100		
65	40.3	35.9	53.9
66	57.0	50.1	75.1

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#45

Dimethylphthalate

Concen: 3.109 ng/ul

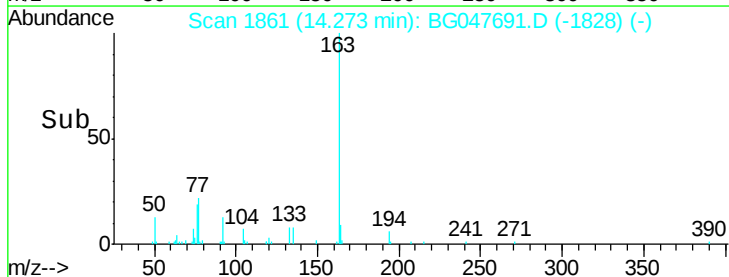
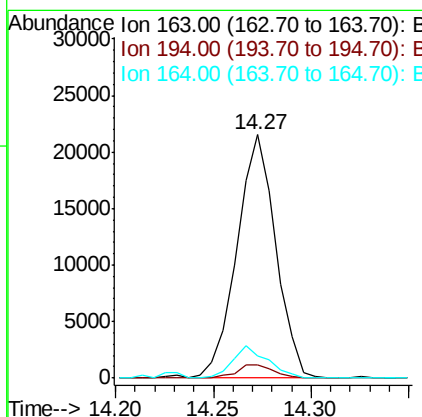
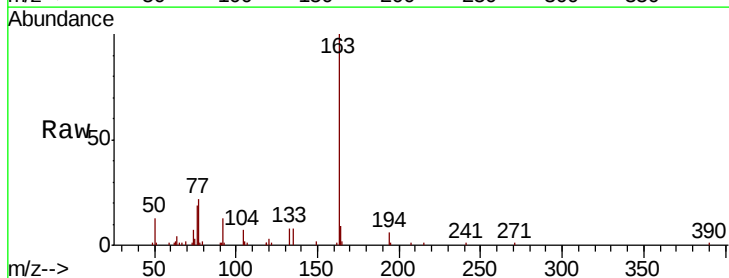
RT: 14.27 min Scan# 1861

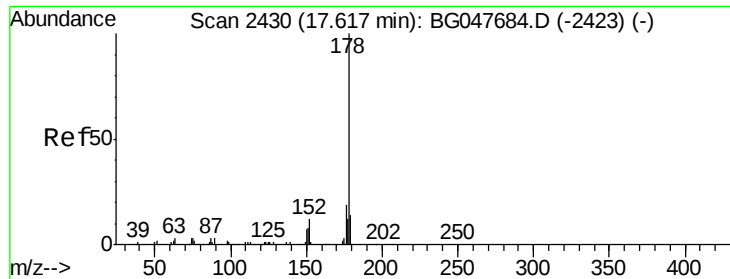
Delta R.T. -0.01 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Tgt Ion:	163	Resp:	29681
Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.9	5.9
164	9.1	7.4	11.2





#70

Phenanthrene

Concen: 1.605 ng/ul

RT: 17.62 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Instrument :

BNA_G

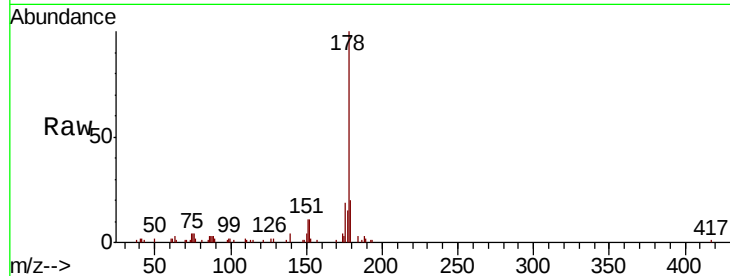
ClientSampleId :

C0B34

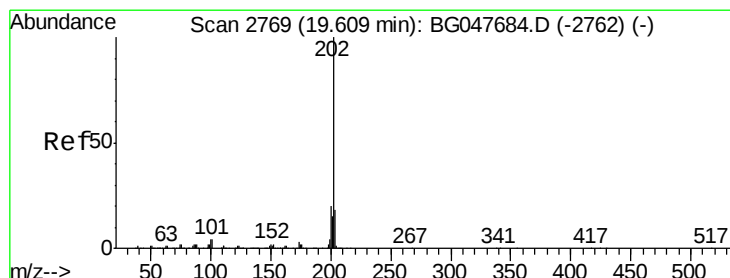
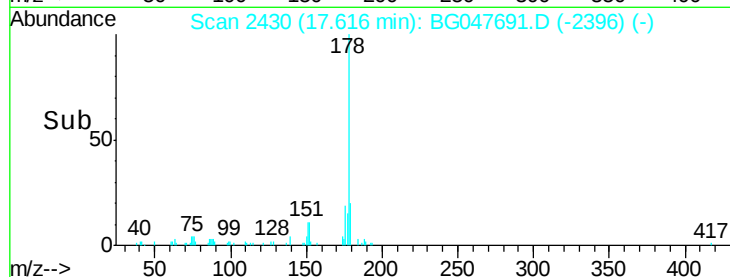
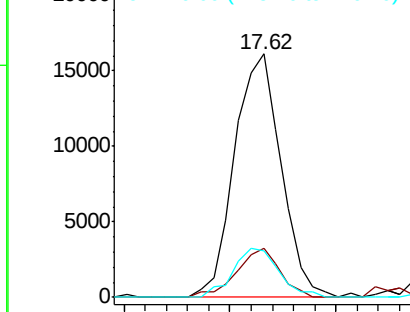
Tot Ion:	178	Resp:	24610
Ion Ratio	Lower	Upper	
178	100		
179	20.1	11.6	17.4#
176	19.3	15.8	23.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 4.640 ng/ul

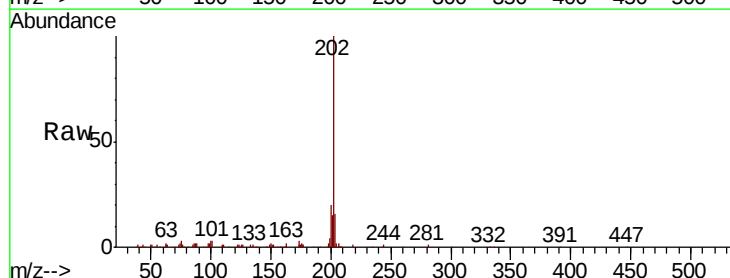
RT: 19.61 min Scan# 2769

Delta R.T. 0.00 min

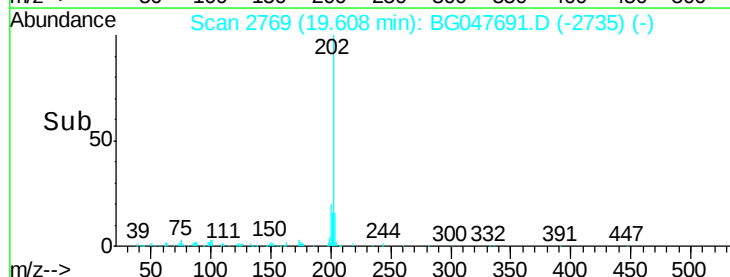
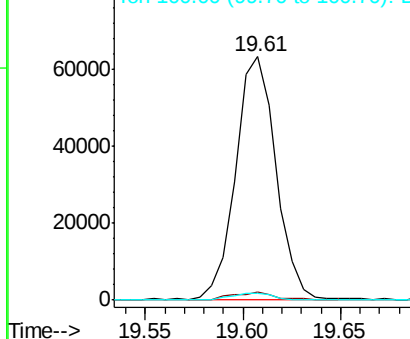
Lab File: BG047691.D

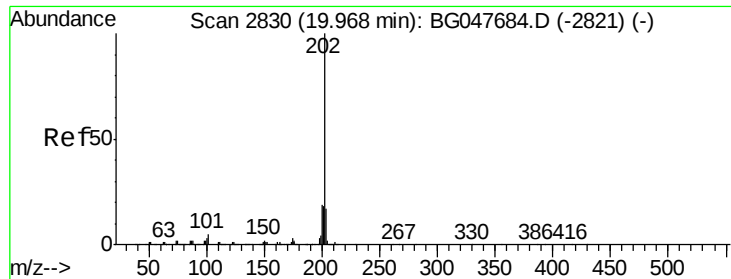
Acq: 10 Dec 2020 3:25

Tgt Ion:	202	Resp:	90539
Ion Ratio	Lower	Upper	
202	100		
101	3.2	2.4	3.6
100	2.6	2.6	3.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 4.054 ng/ul

RT: 19.97 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Instrument :

BNA_G

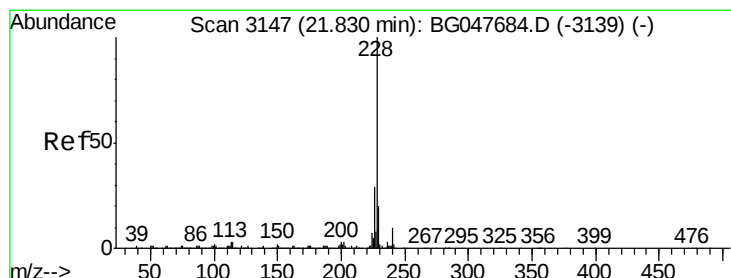
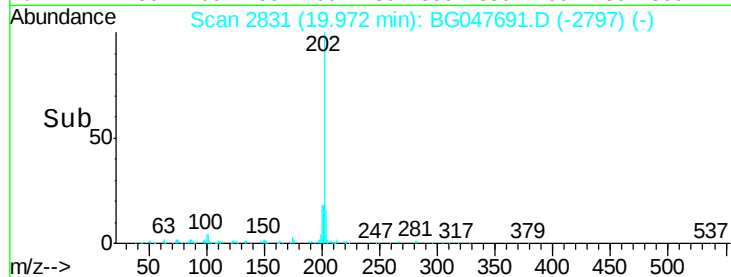
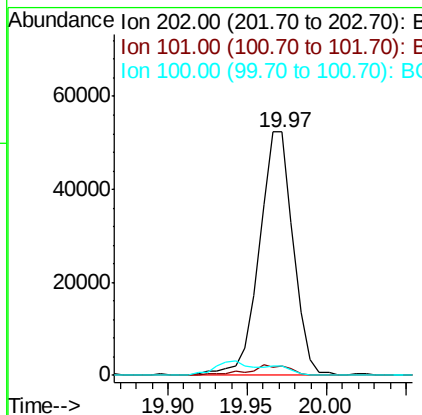
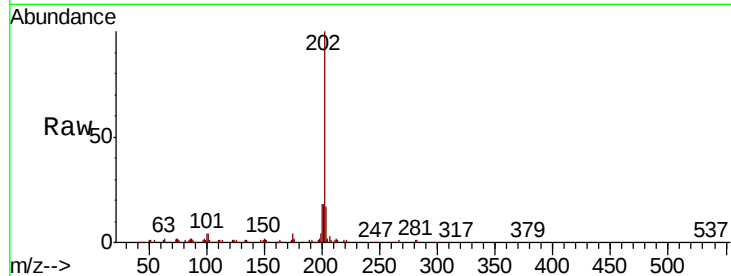
ClientSampleId :

C0B34

Tot Ion:	202	Resp:	78088
Ion Ratio	Lower	Upper	
202	100		
101	3.6	2.5	3.7
100	3.8	2.4	3.6#

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#83

Benzo(a)anthracene

Concen: 3.204 ng/ul m

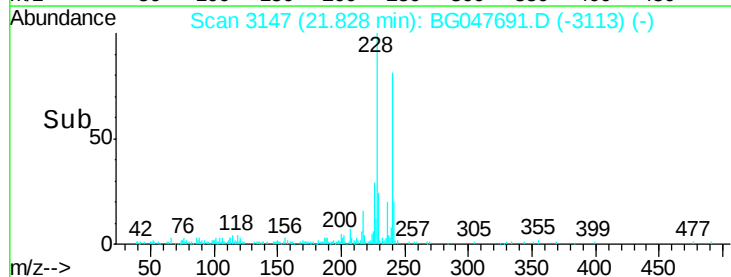
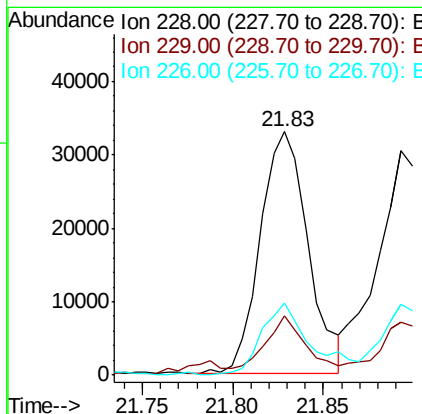
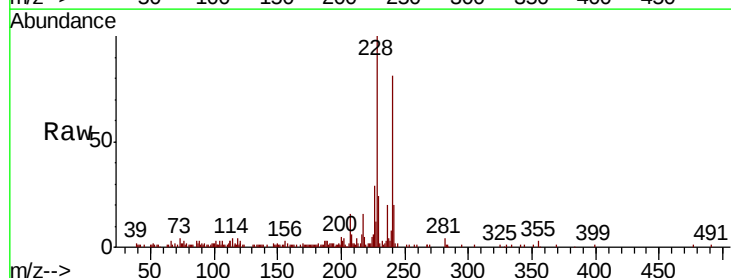
RT: 21.83 min Scan# 3147

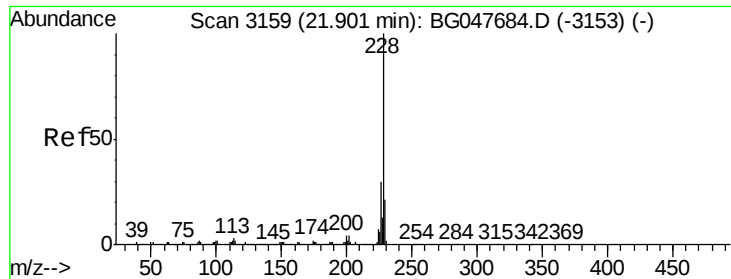
Delta R.T. 0.00 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Tgt Ion:	228	Resp:	60629
Ion Ratio	Lower	Upper	
228	100		
229	24.5	16.0	24.0#
226	29.4	22.4	33.6





#85

Chrysene

Concen: 3.339 ng/ul

RT: 21.89 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Instrument :

BNA_G

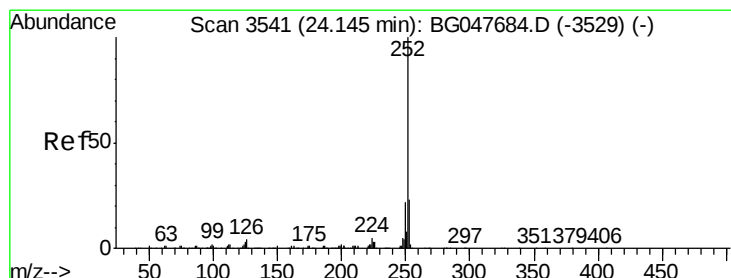
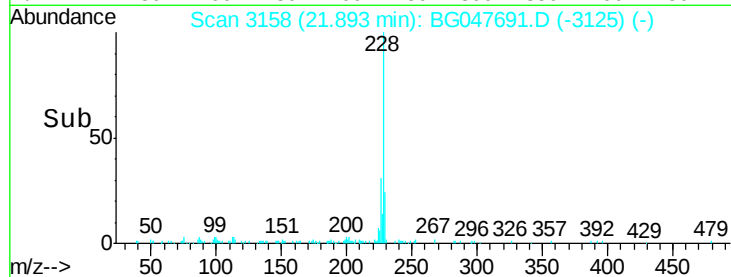
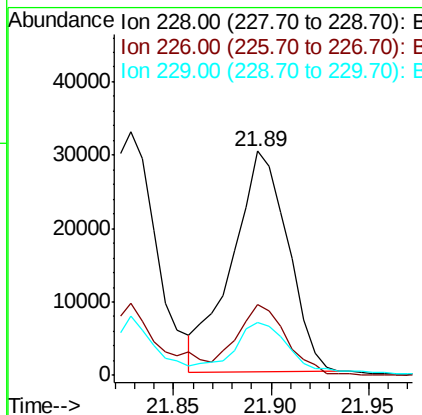
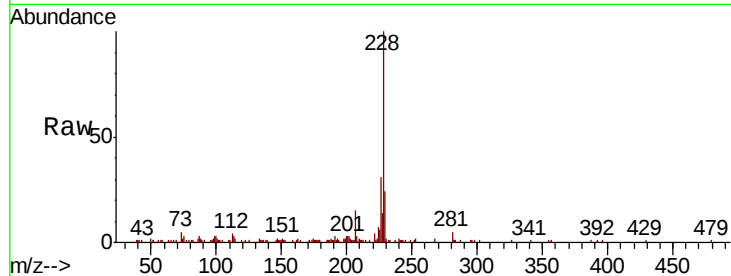
ClientSampleId :

C0B34

Tot Ion:	228	Resp:	59632
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.0	34.4
229	23.9	15.8	23.8#

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#88

Benzo(b)fluoranthene

Concen: 4.507 ng/ul

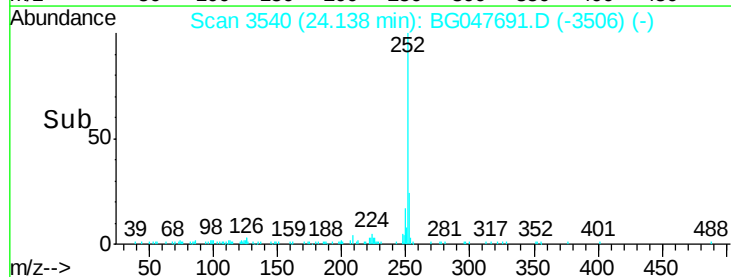
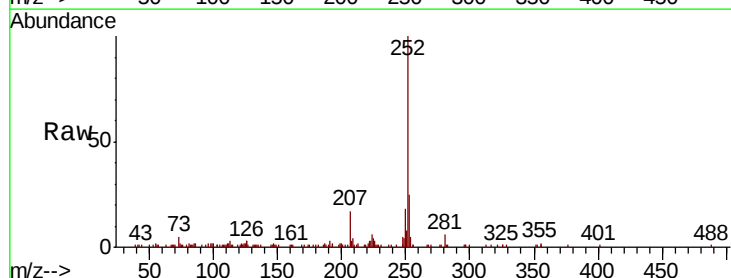
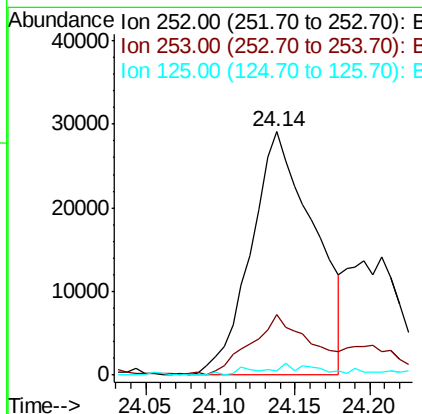
RT: 24.14 min Scan# 3540

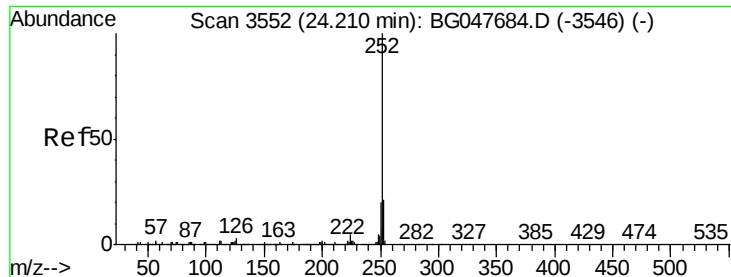
Delta R.T. 0.00 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Tgt Ion:	252	Resp:	85504
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.7	28.1
125	1.8	2.6	3.8#





#89

Benzo(k)fluoranthene

Concen: 1.793 ng/ul

RT: 24.21 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Instrument :

BNA_G

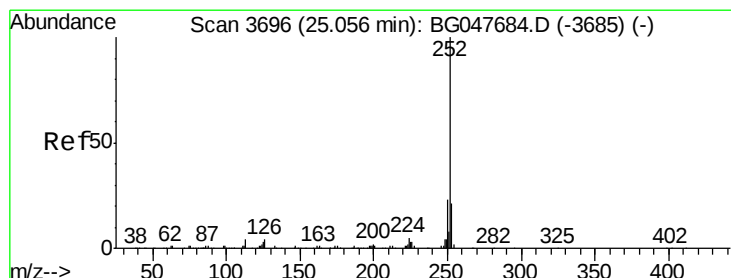
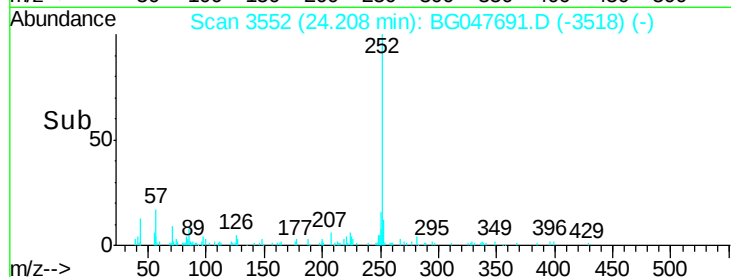
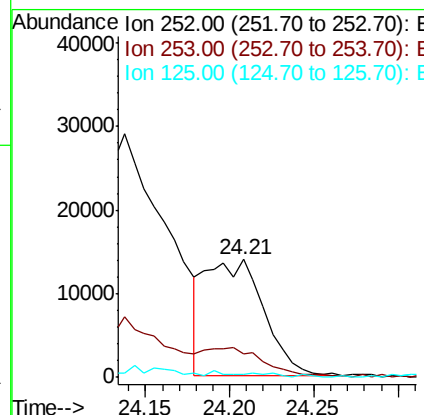
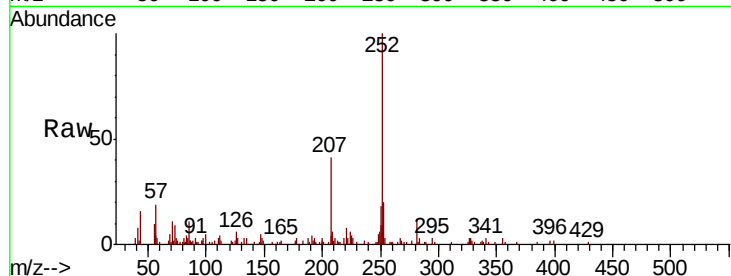
ClientSampled :

C0B34

Tot Ion:	252	Resp:	33716
Ion Ratio	Lower	Upper	
252	100		
253	20.4	16.9	25.3
125	2.4	2.2	3.4

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#91

Benzo(a)pyrene

Concen: 3.296 ng/ul

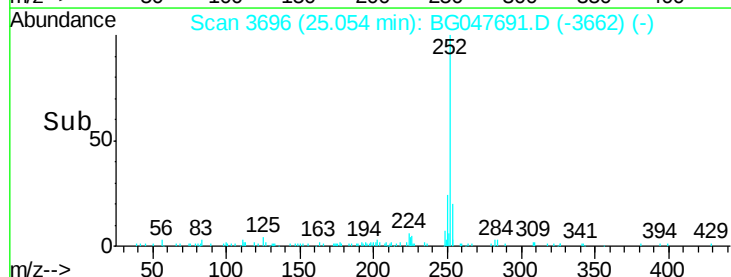
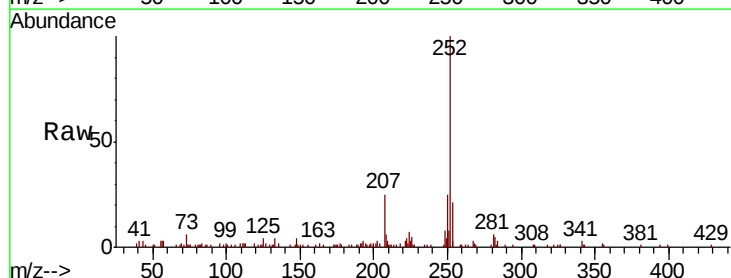
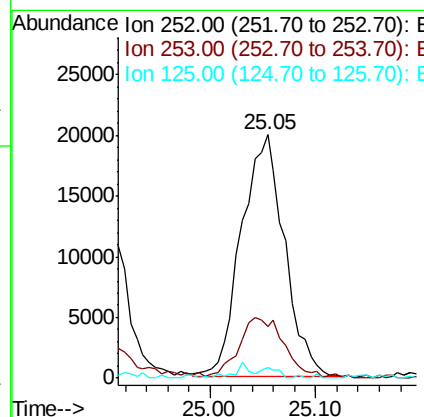
RT: 25.05 min Scan# 3696

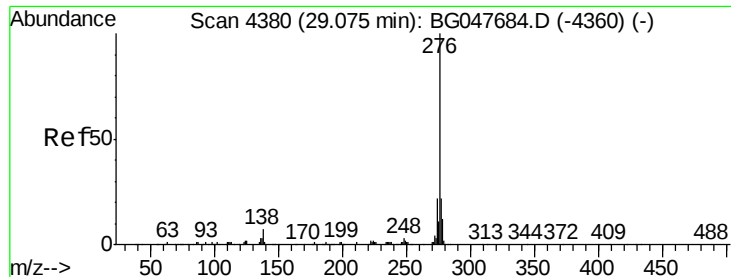
Delta R.T. 0.00 min

Lab File: BG047691.D

Acq: 10 Dec 2020 3:25

Tgt Ion:	252	Resp:	56394
Ion Ratio	Lower	Upper	
252	100		
253	21.2	16.9	25.3
125	4.4	2.6	3.8





#92

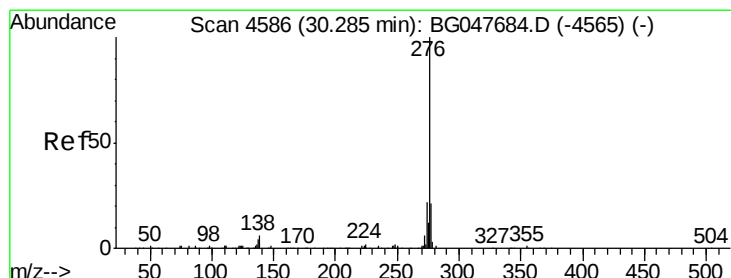
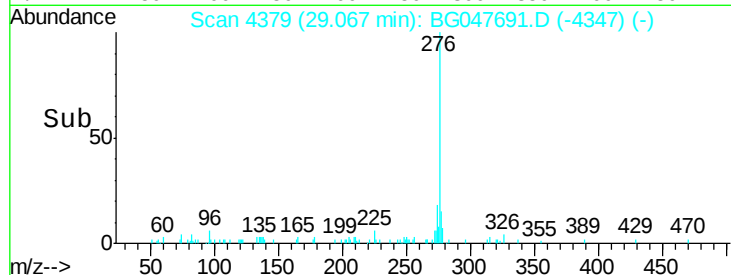
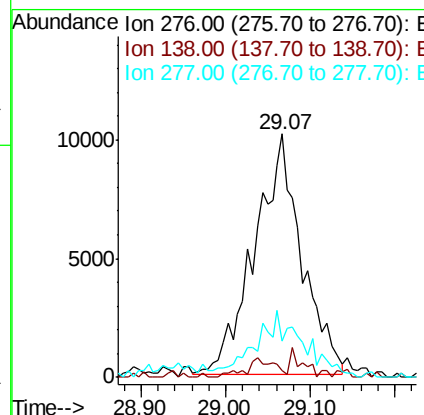
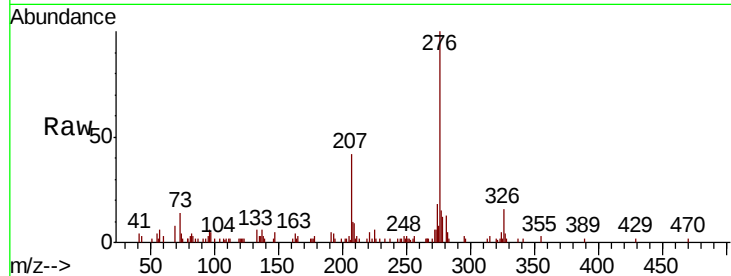
Indeno(1,2,3-cd)pyrene
Concen: 1.875 ng/ul m
RT: 29.07 min Scan# 4379
Delta R.T. -0.01 min
Lab File: BG047691.D
Acq: 10 Dec 2020 3:25

Instrument :
BNA_G
ClientSampleId :
C0B34

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.8	3.3	4.9#
277	15.1	18.6	27.8#

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#94

Benzo(g,h,i)perylene
Concen: 1.950 ng/ul m
RT: 30.27 min Scan# 4584
Delta R.T. 0.00 min
Lab File: BG047691.D
Acq: 10 Dec 2020 3:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.0	4.7	7.1
277	12.2	21.9	32.9#

