

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
 Data File : BG046900.D
 Acq On : 14 Oct 2020 19:48
 Operator : CG/JU
 Sample : L4360-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7X8

Manual Integrations
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Quant Time: Oct 15 01:47:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 15 00:34:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	75481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	296558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	209040	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	482606	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	528078	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	532560	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	8585	5.58	ng/uL	0.00
5) Phenol-d5	7.25	99	42151	6.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	95809	24.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	106068	22.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	75918	15.03	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	66252	29.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	75243	33.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	151303	28.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	147966	23.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	477236	29.88	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	545301	28.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	15966	5.86	ng/ul	0.00
58) Fluorene-d10	15.71	176	409113	27.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	52959	21.96	ng/ul	0.00
71) Anthracene-d10	17.56	188	629460	28.43	ng/ul	0.00
79) Pyrene-d10	19.84	212	783280	28.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	826739	28.80	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.56	88	58408	29.630	ng/uL#	92
45) Dimethylphthalate	14.17	163	77434	4.790	ng/ul	100
50) Acenaphthene	14.78	153	95279	7.165	ng/ul	94
54) Dibenzofuran	15.11	168	90857	4.650	ng/ul	95
59) Fluorene	15.76	166	72470	4.568	ng/ul	98
70) Phenanthrene	17.50	178	85192	3.229	ng/ul	95
72) Anthracene	17.60	178	45744	1.711	ng/ul	94
75) Carbazole	17.86	167	38644	1.814	ng/ul#	91
77) Fluoranthene	19.51	202	274383	8.758	ng/ul	99
80) Pyrene	19.87	202	197121	5.807	ng/ul	98
83) Benzo(a)anthracene	21.72	228	68998	1.997	ng/ul	95
85) Chrysene	21.79	228	65092m	1.942	ng/ul	
88) Benzo(b)fluoranthene	23.96	252	69793	1.987	ng/ul	96
91) Benzo(a)pyrene	24.84	252	46801	1.458	ng/ul	98

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

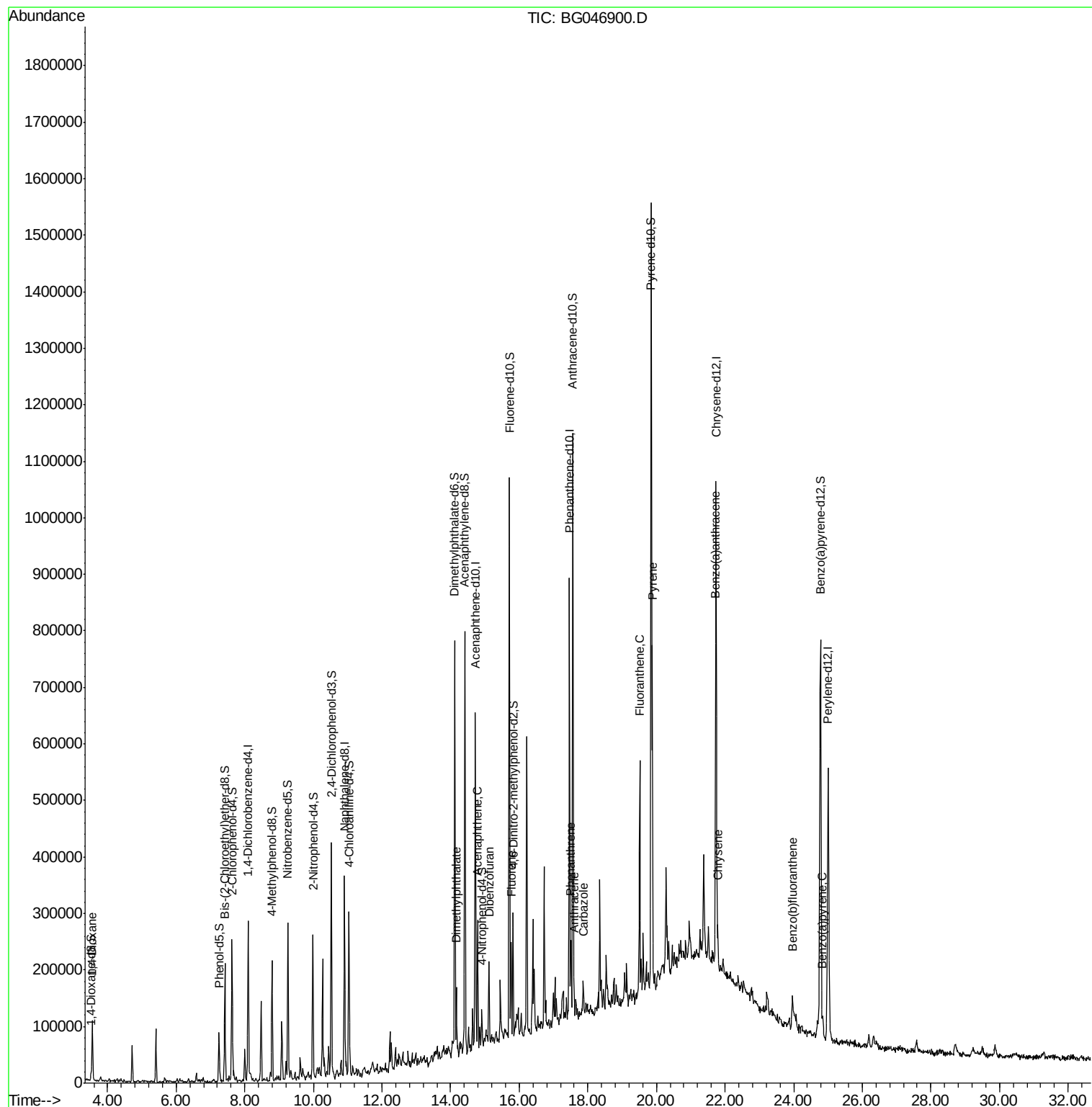
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

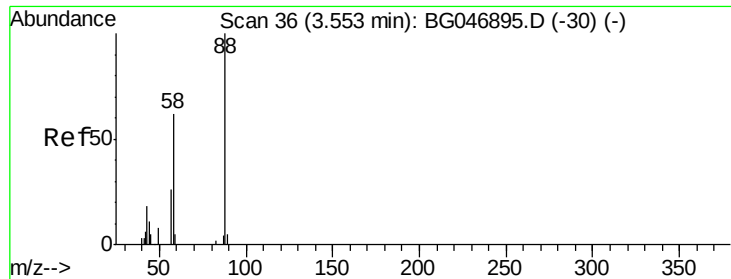
Instrument :
BNA_G
ClientSampleId :
CB7X8

Quant Time: Oct 15 01:47:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 00:34:52 2020
Response via : Initial Calibration

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#2

1,4-Dioxane

Concen: 29.630 ng/uL

RT: 3.56 min Scan# 37

Delta R.T. 0.00 min

Lab File: BG046900.D

Acq: 14 Oct 2020 19:48

Instrument :

BNA_G

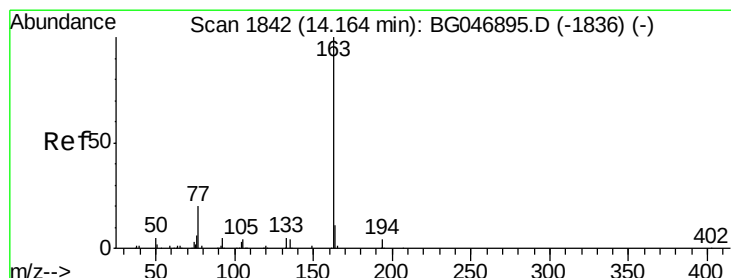
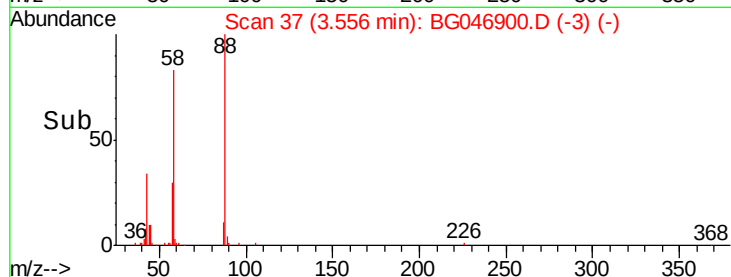
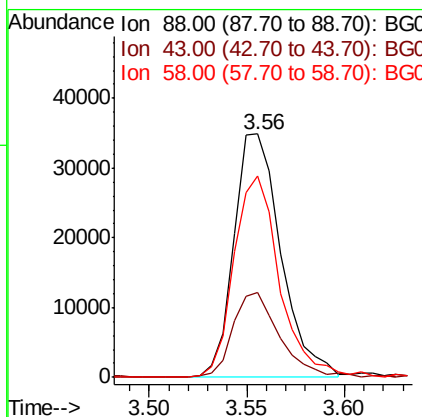
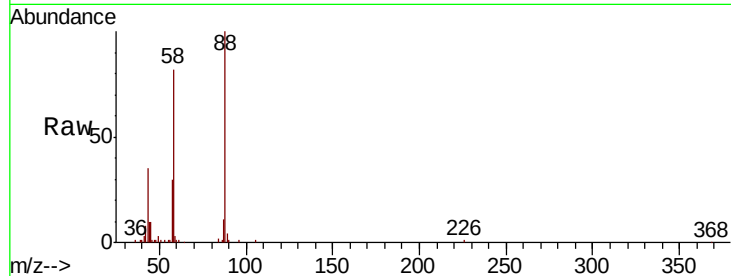
ClientSampleId :

CB7X8

Tot Ion:	88	Resp:	58408
Ion Ratio	Lower	Upper	
88	100		
43	34.9	22.3	33.5#
58	82.5	62.2	93.2

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#45

Dimethylphthalate

Concen: 4.790 ng/uL

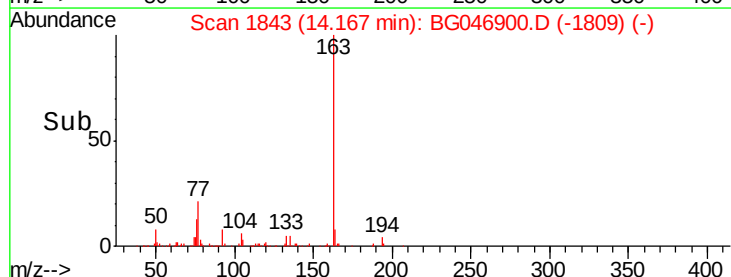
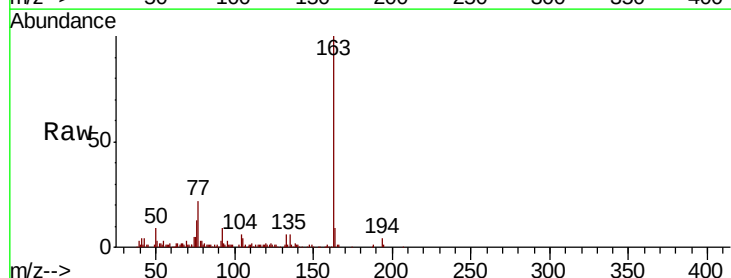
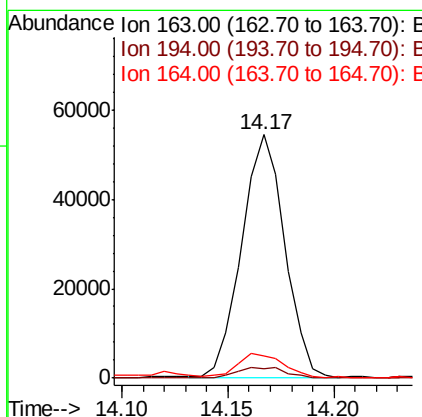
RT: 14.17 min Scan# 1843

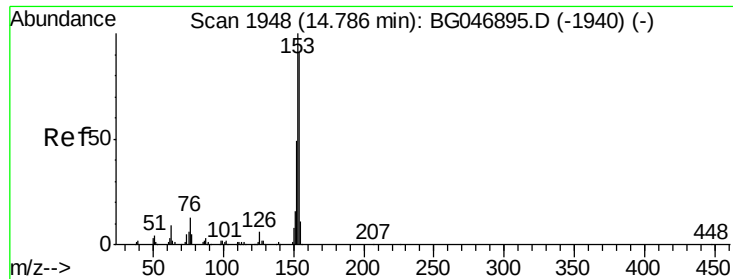
Delta R.T. 0.00 min

Lab File: BG046900.D

Acq: 14 Oct 2020 19:48

Tgt Ion:	163	Resp:	77434
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	9.2	7.4	11.0





#50

Acenaphthene

Concen: 7.165 ng/ul

RT: 14.78 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG046900.D

Acq: 14 Oct 2020 19:48

Instrument :

BNA_G

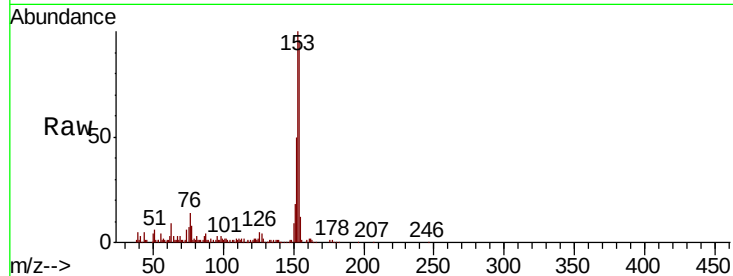
ClientSampleId :

CB7X8

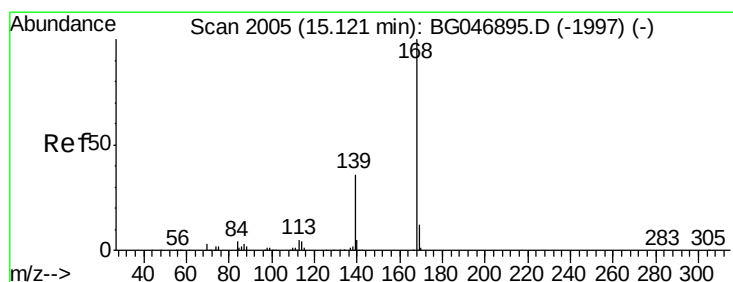
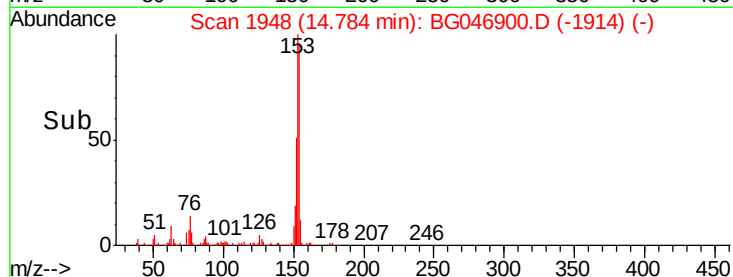
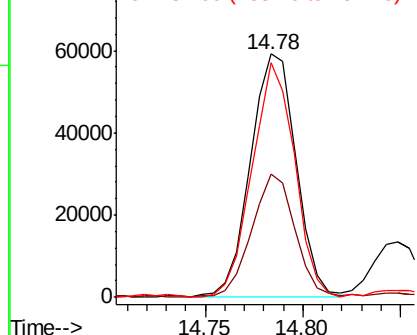
Tot Ion:	153	Resp:	95279
Ion	Ratio	Lower	Upper
153	100		
152	50.5	37.2	55.8
154	96.3	72.9	109.3

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 4.650 ng/ul

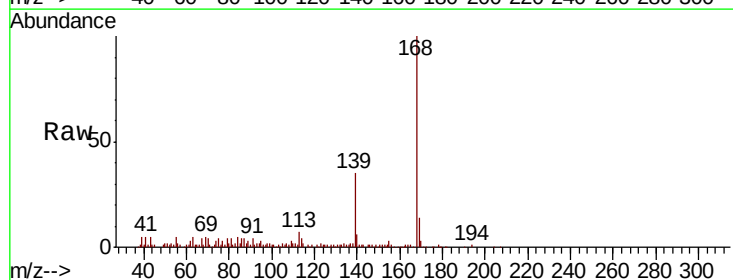
RT: 15.11 min Scan# 2004

Delta R.T. -0.00 min

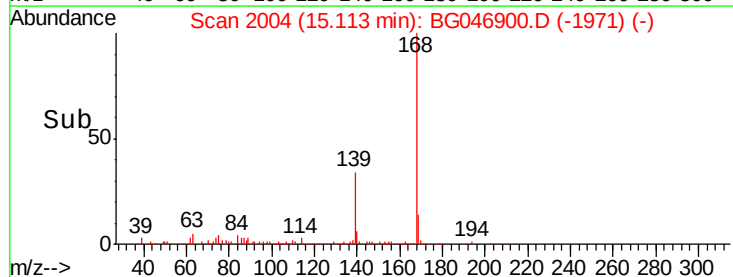
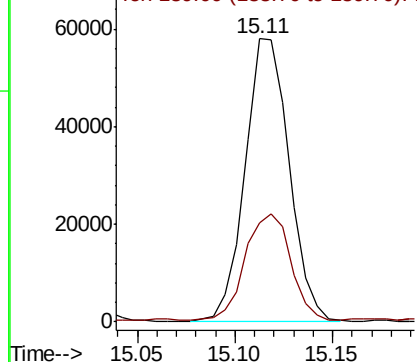
Lab File: BG046900.D

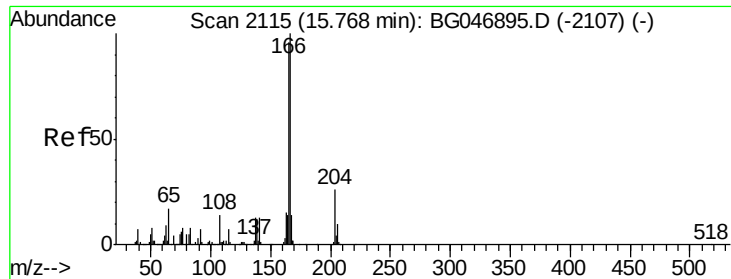
Acq: 14 Oct 2020 19:48

Tgt Ion:	168	Resp:	90857
Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.3	45.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





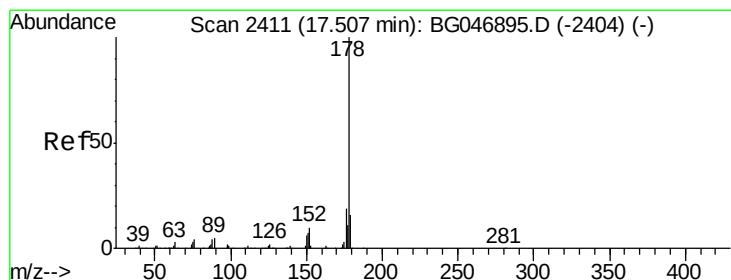
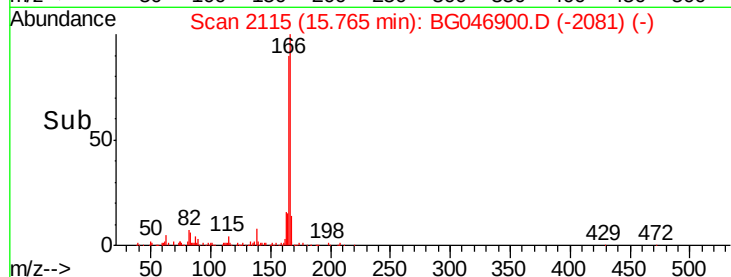
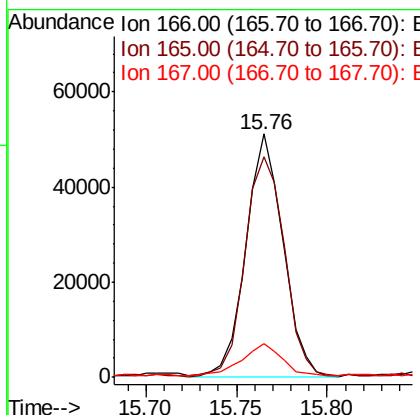
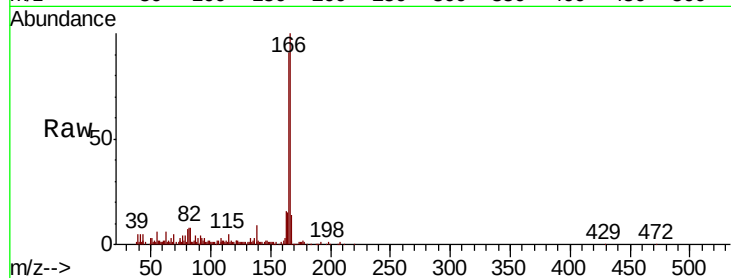
#59
Fluorene
Concen: 4.568 ng/ul
RT: 15.76 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Instrument :
BNA_G
ClientSampleId :
CB7X8

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.9	74.2	111.2
167	13.7	9.8	14.8

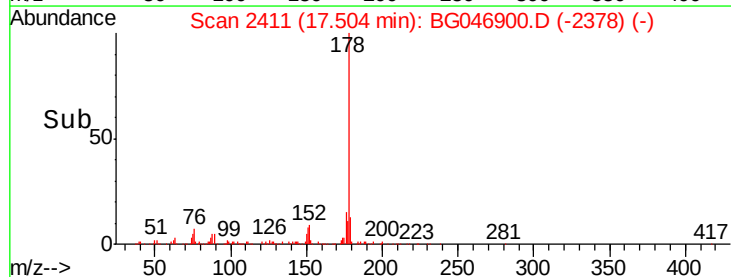
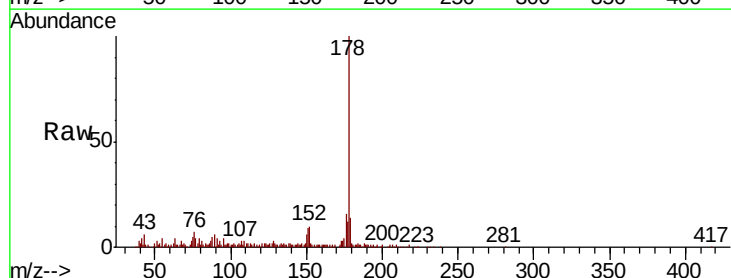
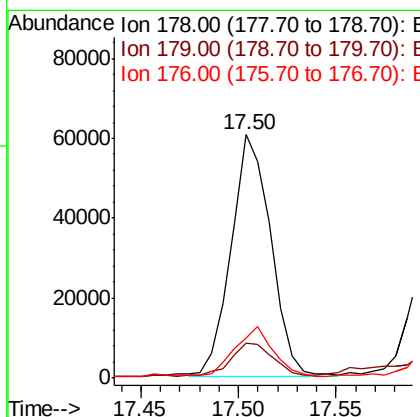
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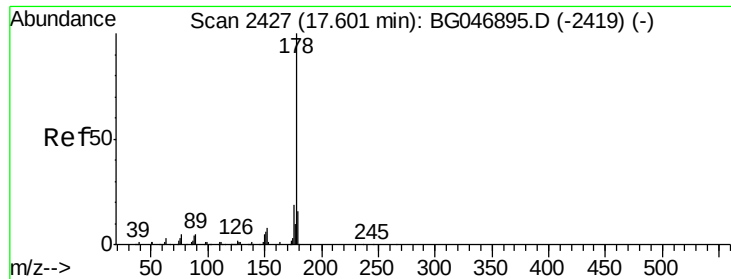
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#70
Phenanthrene
Concen: 3.229 ng/ul
RT: 17.50 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.6	18.8
176	16.3	15.4	23.2





#72

Anthracene

Concen: 1.711 ng/ul

RT: 17.60 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG046900.D

Acq: 14 Oct 2020 19:48

Instrument :

BNA_G

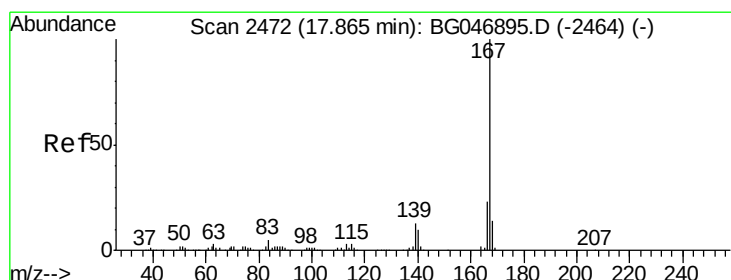
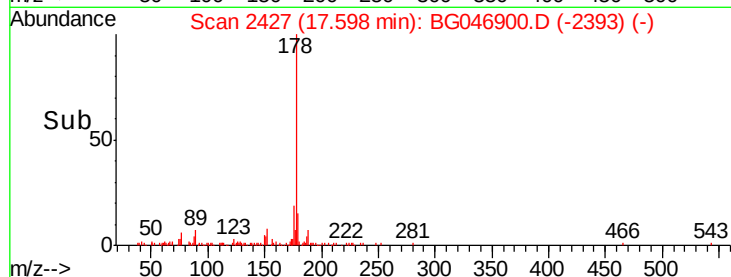
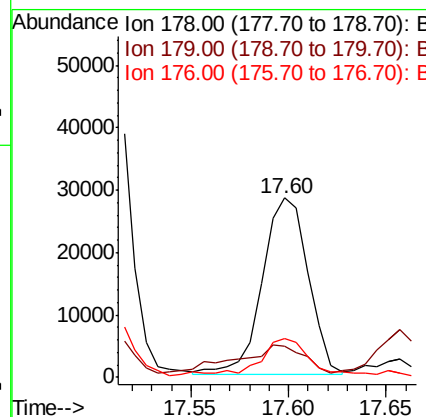
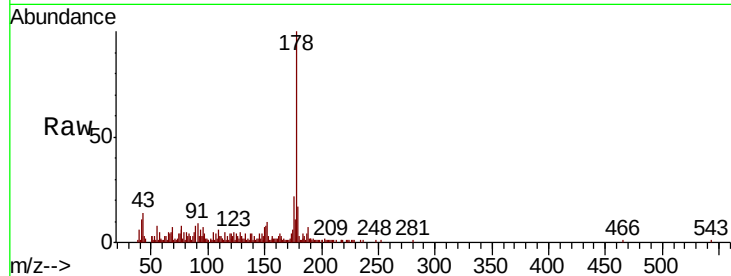
ClientSampled :

CB7X8

Tot Ion:	178	Resp:	45744
Ion	Ratio	Lower	Upper
178	100		
179	17.4	11.9	17.9
176	21.7	15.2	22.8

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#75

Carbazole

Concen: 1.814 ng/ul

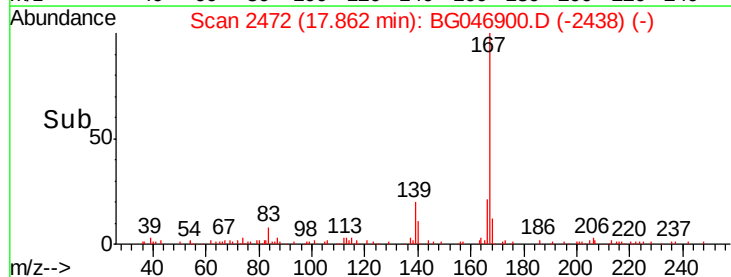
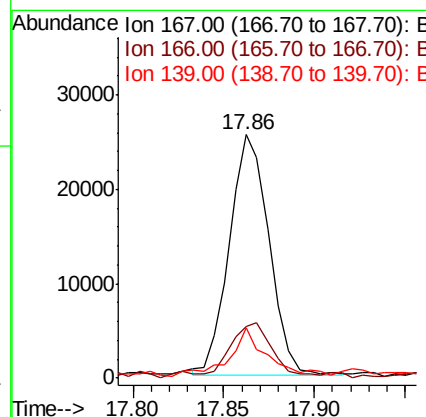
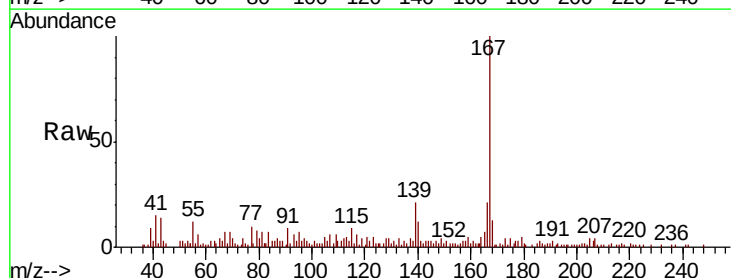
RT: 17.86 min Scan# 2472

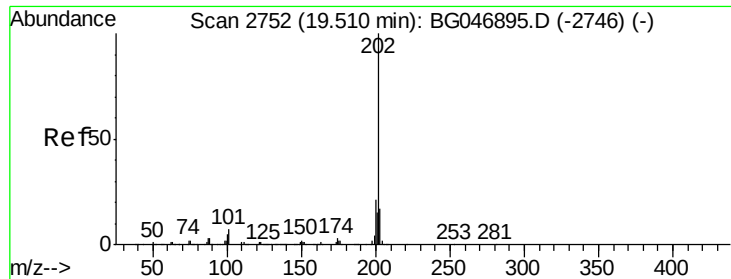
Delta R.T. 0.00 min

Lab File: BG046900.D

Acq: 14 Oct 2020 19:48

Tgt Ion:	167	Resp:	38644
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	20.9	9.8	14.6#





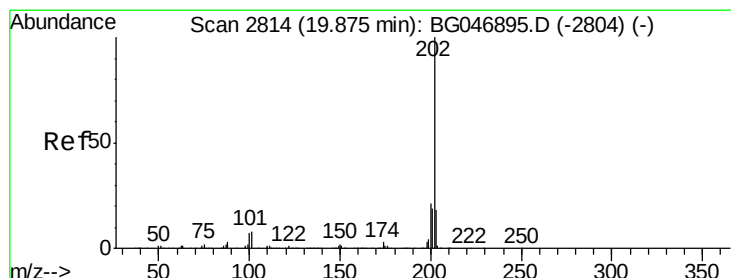
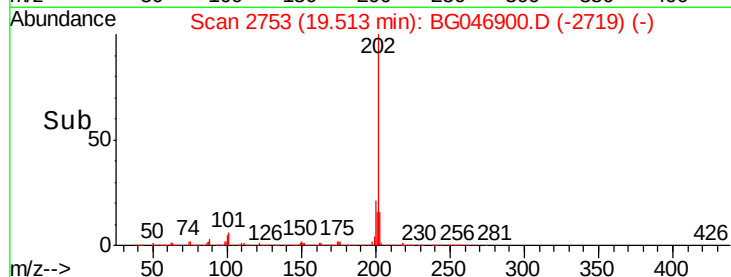
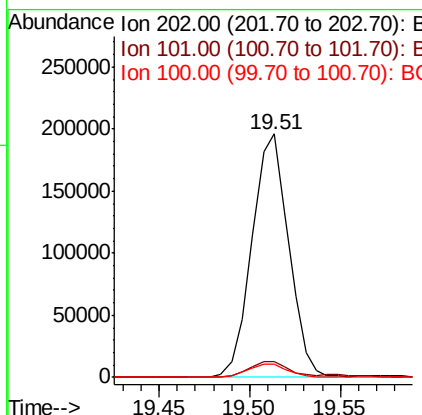
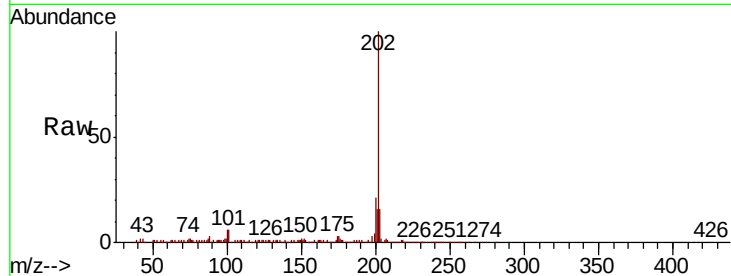
#77
Fluoranthene
Concen: 8.758 ng/ul
RT: 19.51 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Instrument :
BNA_G
ClientSampleId :
CB7X8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	5.8	8.6
100	5.5	4.5	6.7

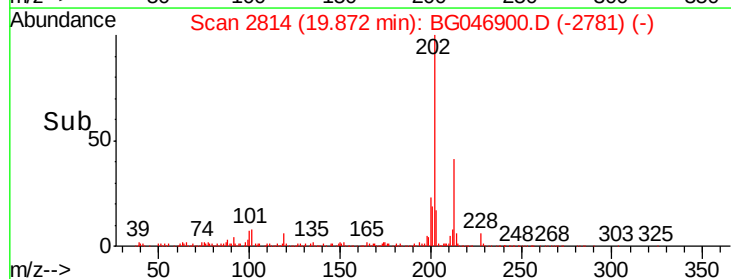
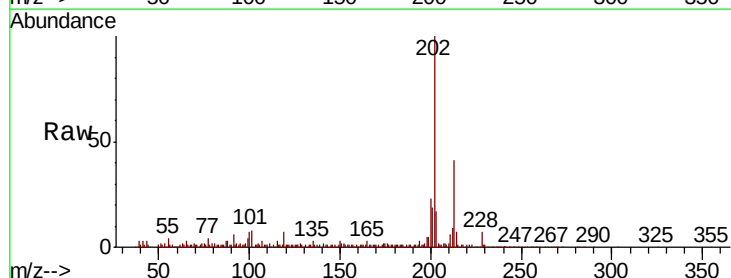
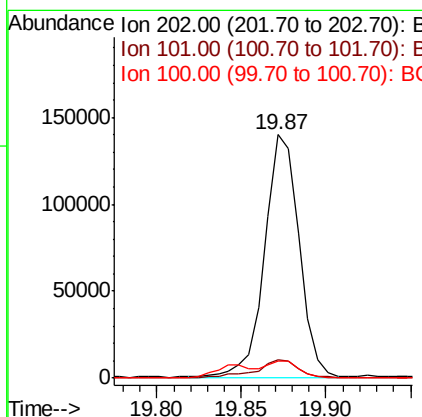
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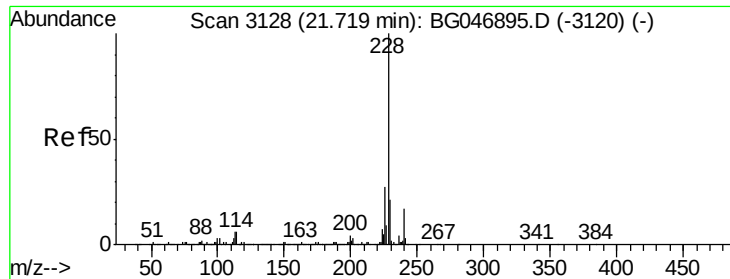
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#80
Pyrene
Concen: 5.807 ng/ul
RT: 19.87 min Scan# 2814
Delta R.T. -0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	7.0	10.4
100	7.0	6.0	9.0





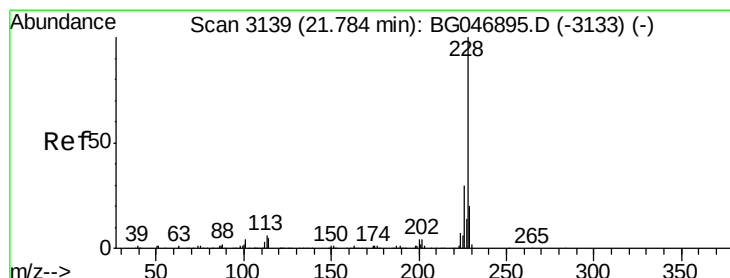
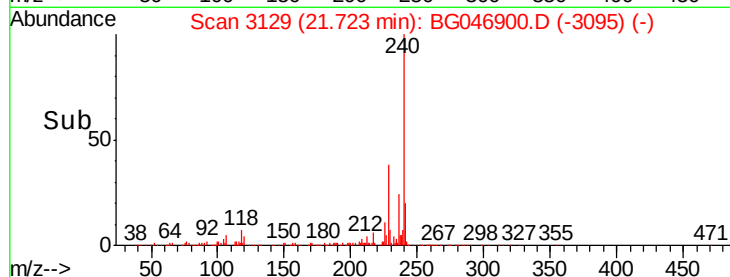
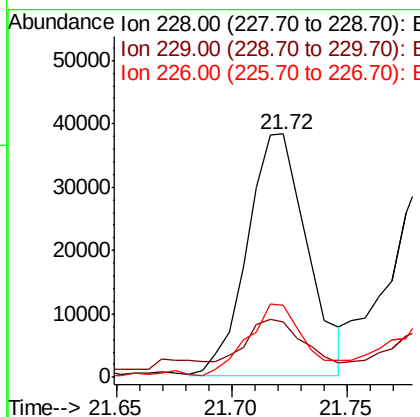
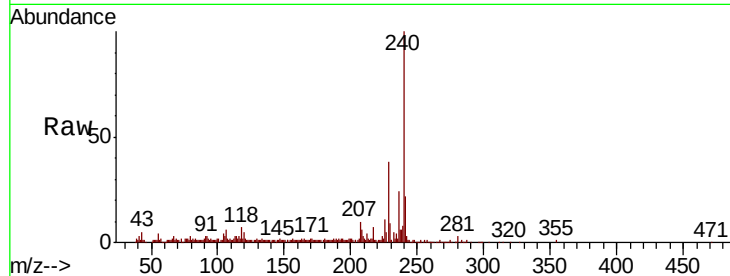
#83
Benzo(a)anthracene
Concen: 1.997 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Instrument :
BNA_G
ClientSampled :
CB7X8

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.5	24.7
226	29.8	21.6	32.4

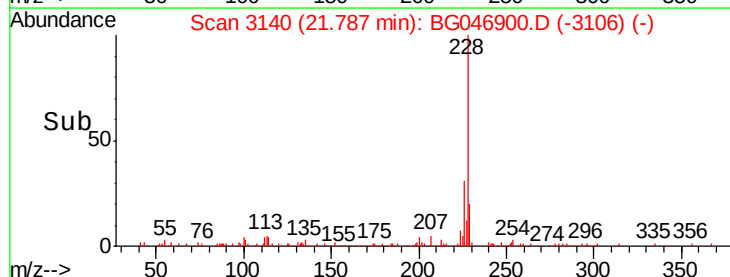
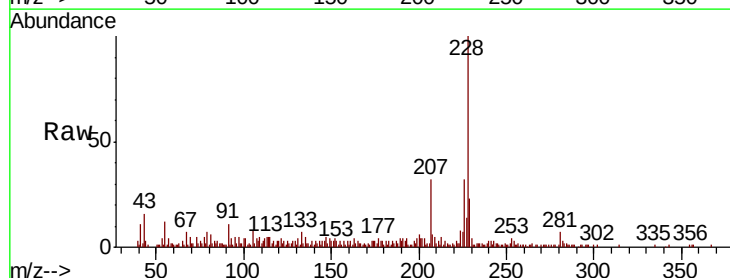
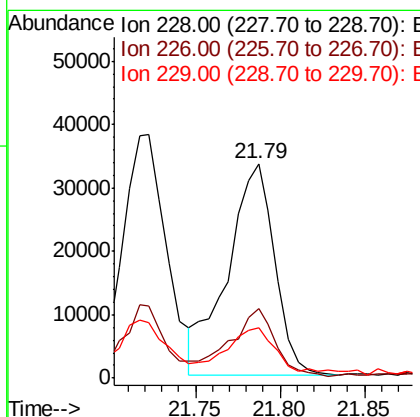
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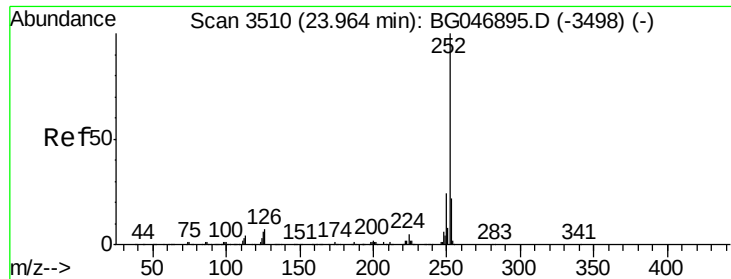
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#85
Chrysene
Concen: 1.942 ng/ul m
RT: 21.79 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.3	36.5
229	23.3	15.8	23.8





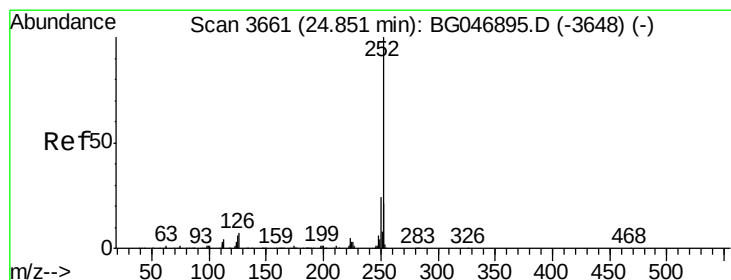
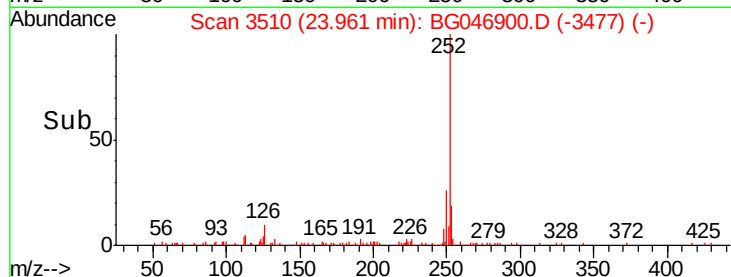
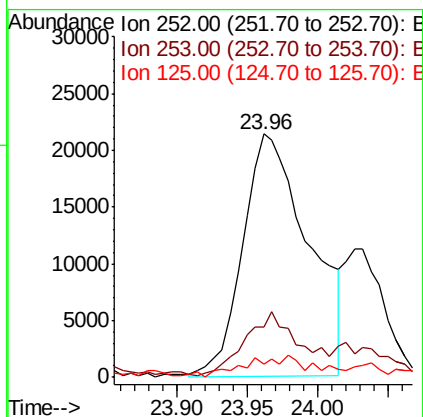
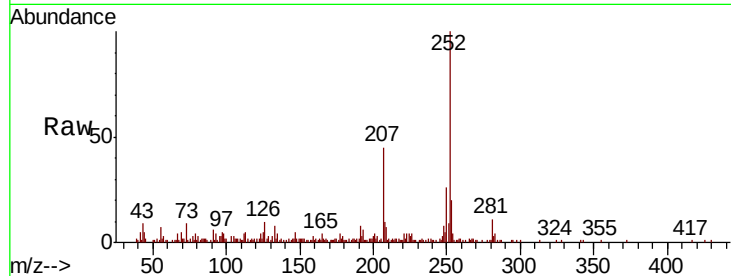
#88
Benzo(b)fluoranthene
Concen: 1.987 ng/ul
RT: 23.96 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Instrument :
BNA_G
ClientSampleId :
CB7X8

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.9	26.9
125	5.2	5.0	7.4

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#91
Benzo(a)pyrene
Concen: 1.458 ng/ul
RT: 24.84 min Scan# 3660
Delta R.T. -0.00 min
Lab File: BG046900.D
Acq: 14 Oct 2020 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	7.5	5.4	8.2

