

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046769.D
 Acq On : 3 Oct 2020 13:09
 Operator : CG/JU
 Sample : L4150-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7J7

Quant Time: Oct 05 01:00:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:58:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	78305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	319571	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	232605	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	540197	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	533830	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	532520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	4195	2.63	ng/uL	0.00
5) Phenol-d5	7.26	99	80564	12.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	52087	12.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	60918	12.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	50381	9.61	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	33204	13.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	35593	14.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	70022	12.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	57460	8.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	248884	14.00	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	274466	13.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	44056	14.54	ng/ul	0.00
58) Fluorene-d10	15.72	176	222439	13.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	34652	12.84	ng/ul	0.00
71) Anthracene-d10	17.57	188	335597	13.54	ng/ul	0.00
79) Pyrene-d10	19.85	212	413573	14.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	398121	13.87	ng/ul	0.00

Target Compounds

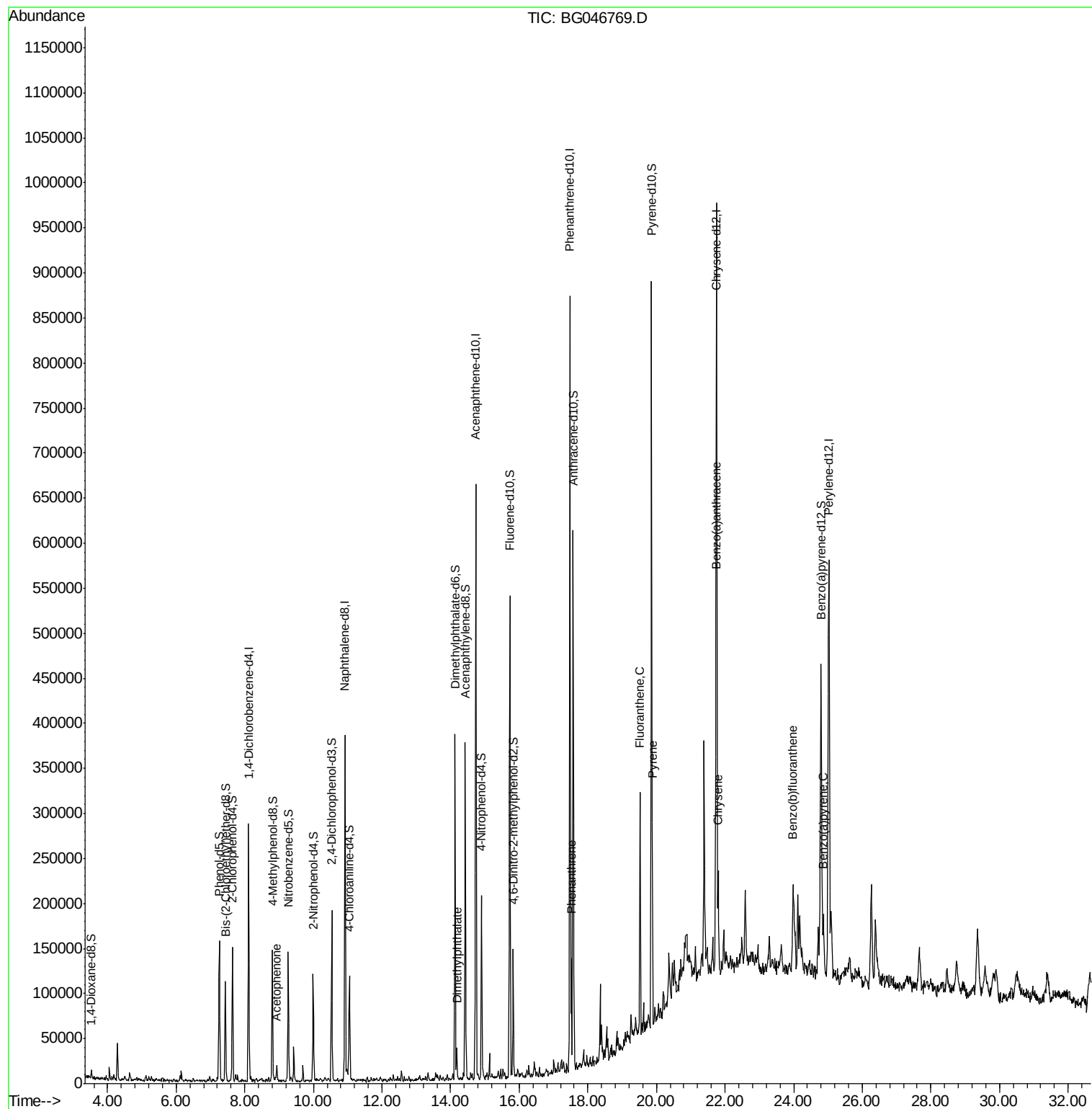
					Ovalue
14) Acetophenone	8.93	105	9598	1.130	ng/ul 94
45) Dimethylphthalate	14.18	163	20644	1.148	ng/ul 99
70) Phenanthrene	17.52	178	79272	2.684	ng/ul 99
77) Fluoranthene	19.52	202	161425	4.603	ng/ul 97
80) Pyrene	19.88	202	135456	3.948	ng/ul 98
83) Benzo(a)anthracene	21.73	228	95933	2.747	ng/ul 96
85) Chrysene	21.80	228	82452	2.433	ng/ul 99
88) Benzo(b)fluoranthene	23.98	252	120211	3.422	ng/ul# 96
91) Benzo(a)pyrene	24.87	252	74943	2.335	ng/ul 99

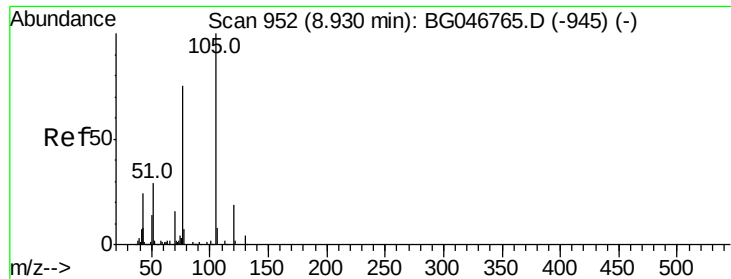
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.130 ng/ul

RT: 8.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG046769.D

Acq: 3 Oct 2020 13:09

Instrument :

BNA_G

ClientSampleId :

CB7J7

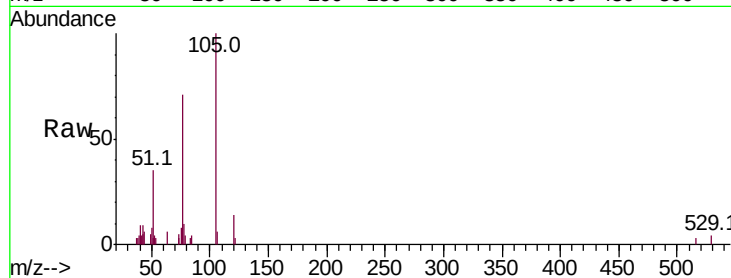
Tot Ion:105 Resp: 9598

Ion Ratio Lower Upper

105 100

77 71.1 60.4 90.6

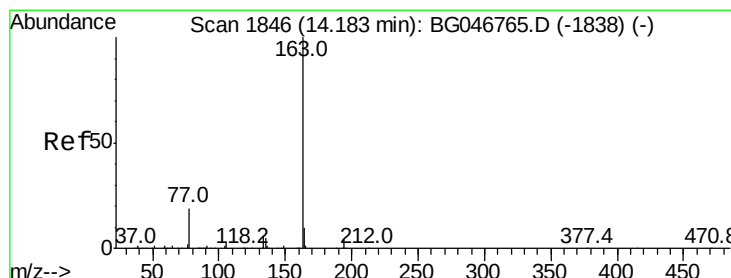
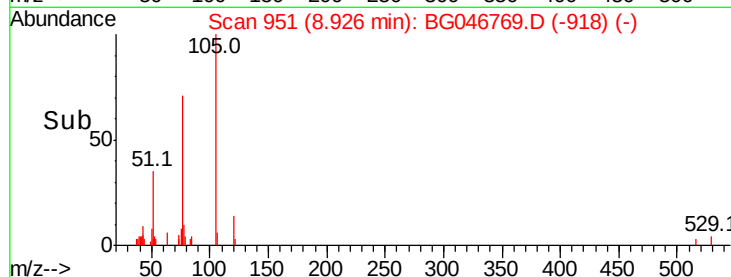
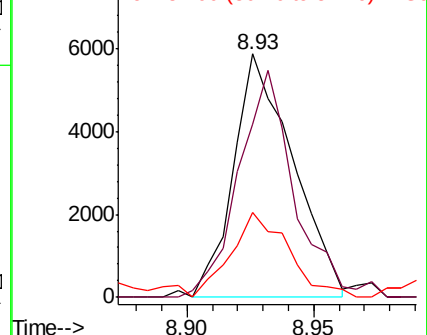
51 34.9 24.1 36.1



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#45

Dimethylphthalate

Concen: 1.148 ng/ul

RT: 14.18 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BG046769.D

Acq: 3 Oct 2020 13:09

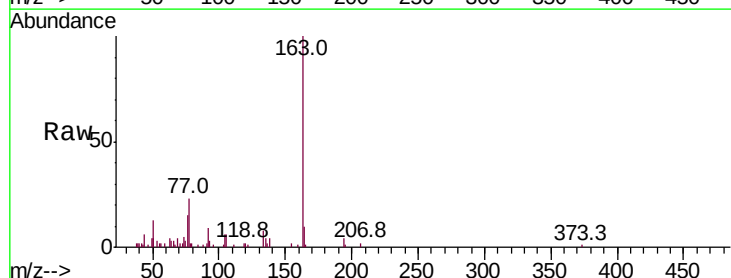
Tgt Ion:163 Resp: 20644

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

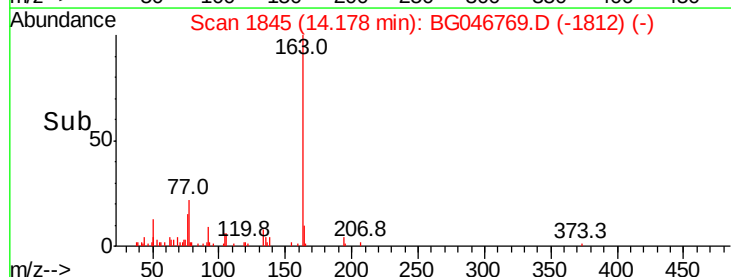
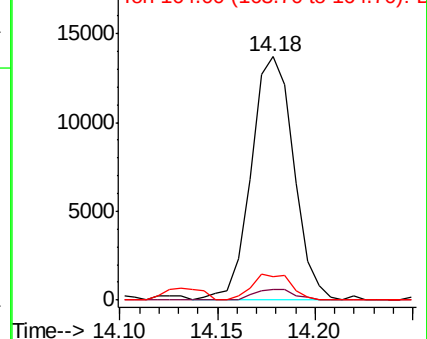
164 9.6 7.4 11.0

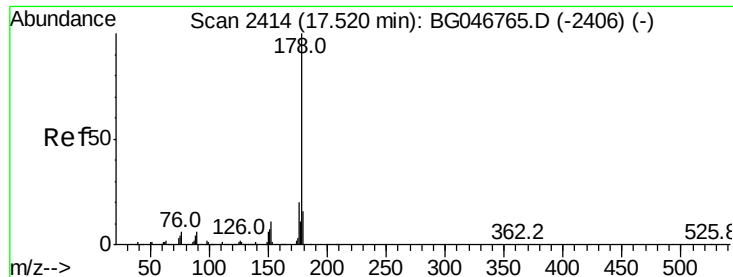


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.684 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG046769.D

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Instrument :

BNA_G

ClientSampleId :

CB7J7

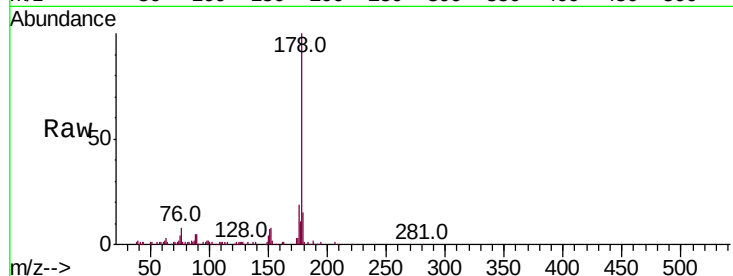
Tot Ion:178 Resp: 79272

Ion Ratio Lower Upper

178 100

179 14.6 12.6 18.8

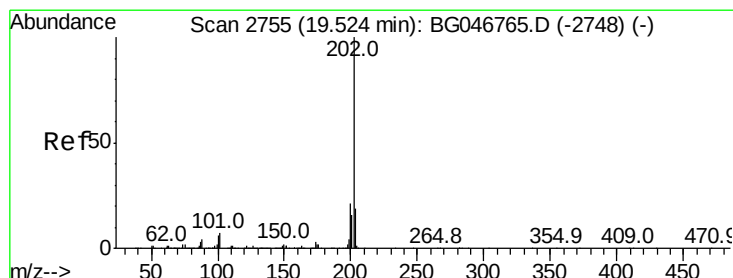
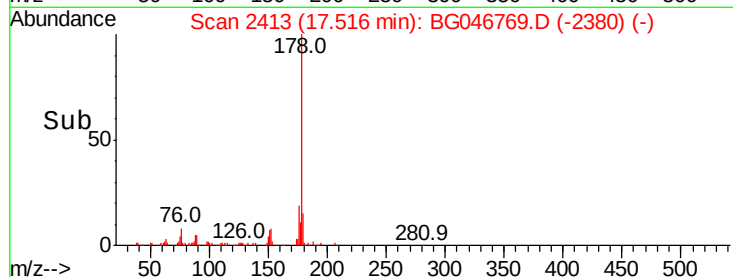
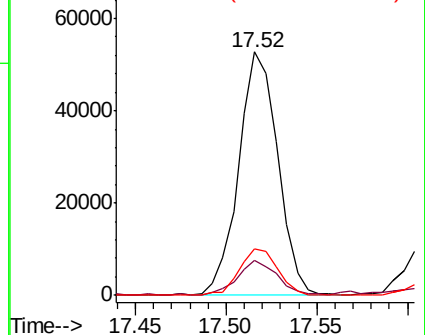
176 19.3 15.4 23.2



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: 4.603 ng/ul

RT: 19.52 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG046769.D

Acq: 3 Oct 2020 13:09

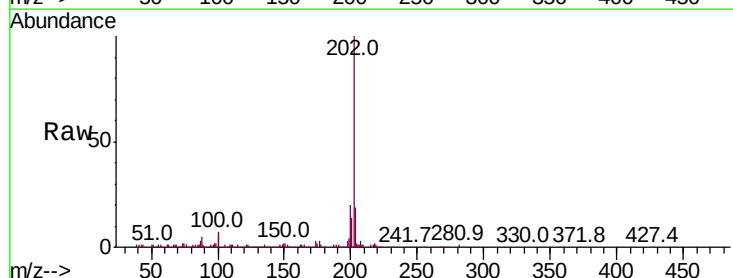
Tgt Ion:202 Resp: 161425

Ion Ratio Lower Upper

202 100

101 6.5 5.8 8.6

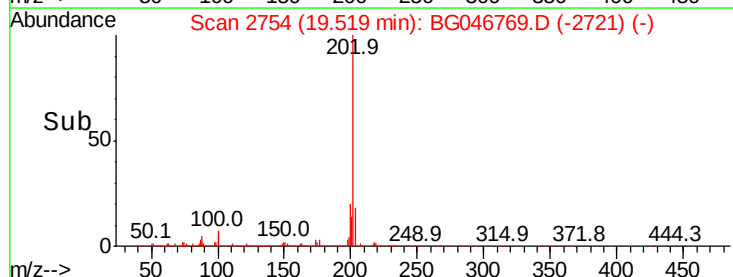
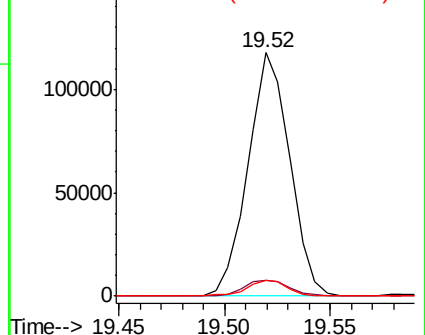
100 6.7 4.5 6.7

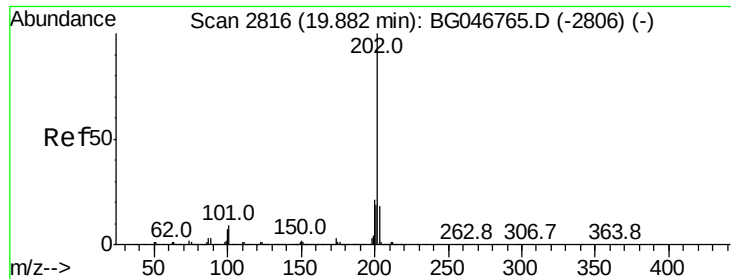


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

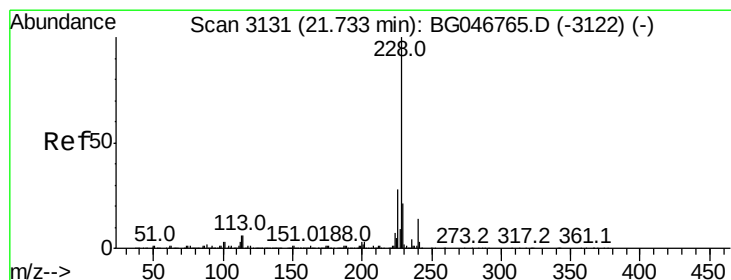
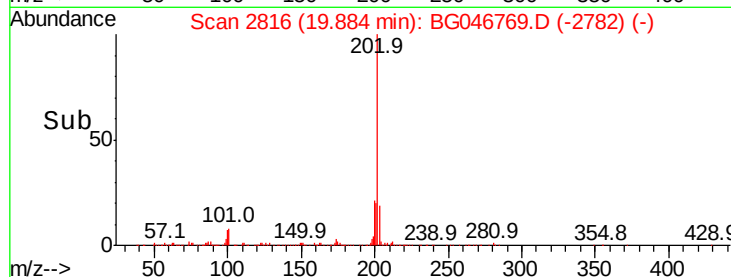
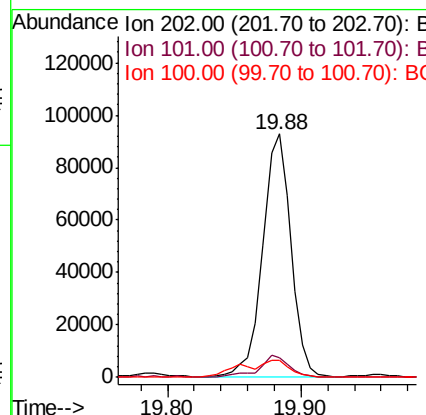
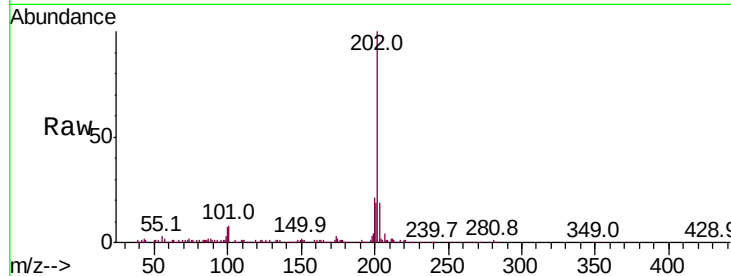




#80
Pvrene
Concen: 3.948 ng/ul
RT: 19.88 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG046769.D
Acq: 3 Oct 2020 13:09

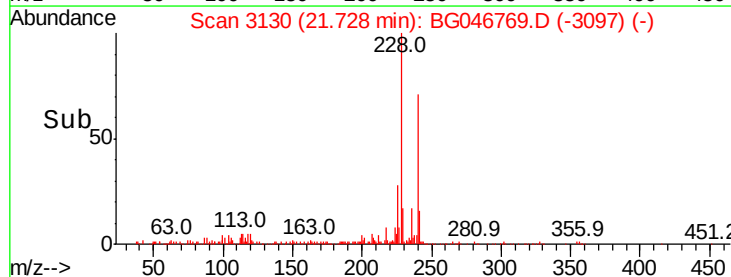
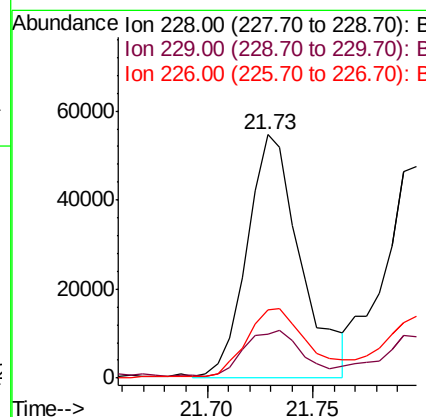
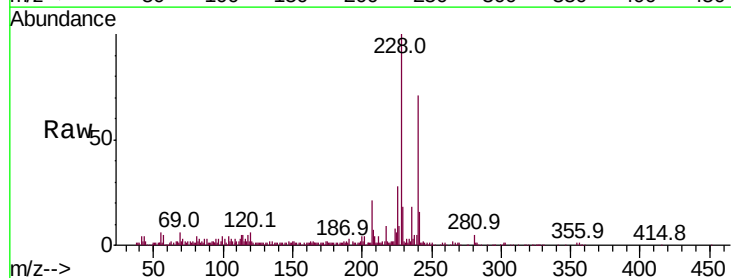
Instrument :
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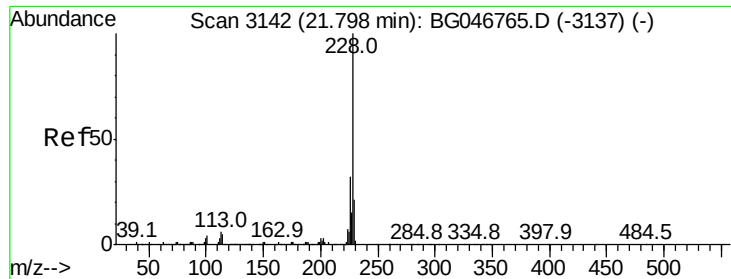
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.4
100	7.2	6.0	9.0



#83
Benzo(a)anthracene
Concen: 2.747 ng/ul
RT: 21.73 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG046769.D
Acq: 3 Oct 2020 13:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.9	16.5	24.7
226	28.3	21.6	32.4





#85

Chrysene

Concen: 2.433 ng/ul

RT: 21.80 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG046769.D

Acq: 3 Oct 2020 13:09

Instrument :

BNA_G

ClientSampleId :

CB7J7

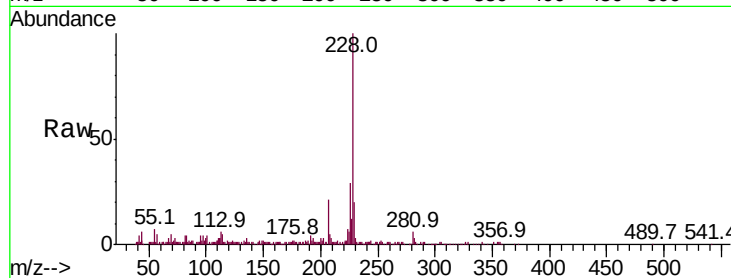
Tot Ion:228 Resp: 82452

Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

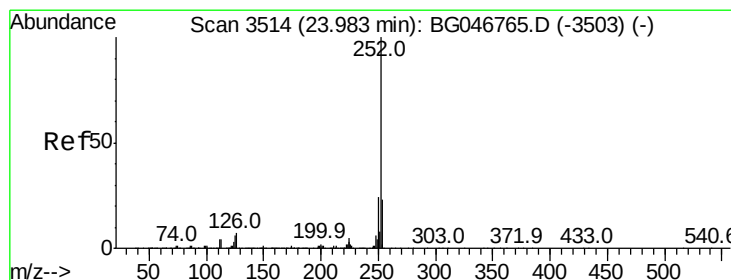
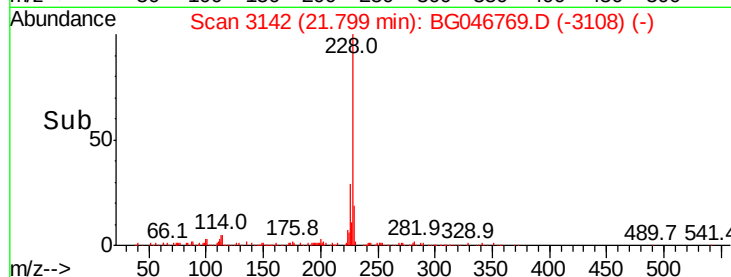
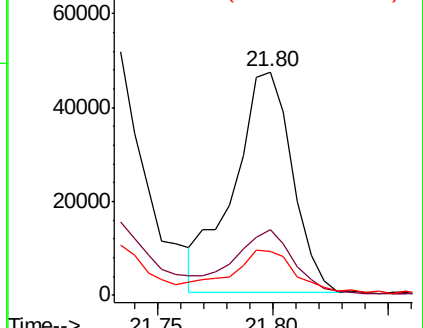
229 19.8 15.8 23.8



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: 3.422 ng/ul

RT: 23.98 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG046769.D

Acq: 3 Oct 2020 13:09

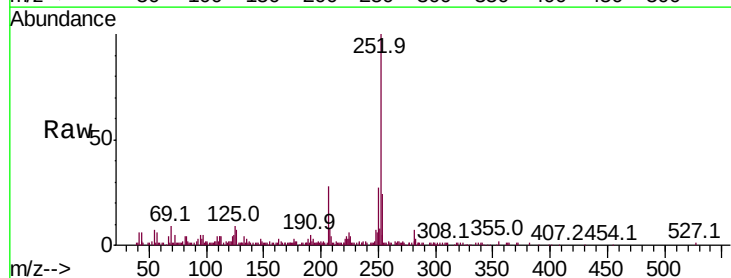
Tgt Ion:252 Resp: 120211

Ion Ratio Lower Upper

252 100

253 24.1 17.9 26.9

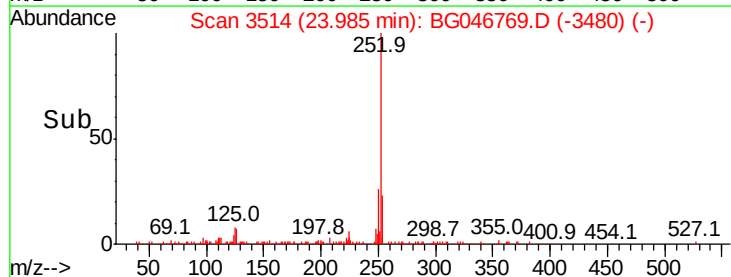
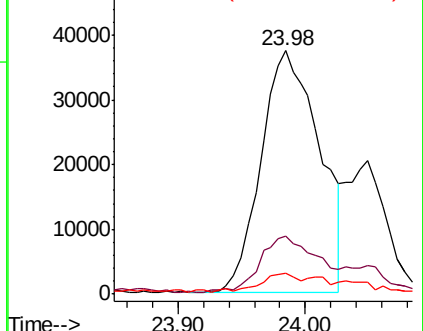
125 8.7 5.0 7.4#

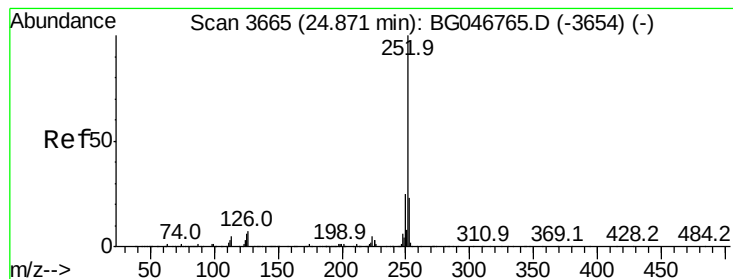


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.335 ng/ul

RT: 24.87 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG046769.D

Acq: 3 Oct 2020 13:09

Instrument :

BNA_G

ClientSampleId :

CB7J7

Tot Ion:252 Resp: 74943

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 6.4 5.4 8.2

