

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046341.D
 Acq On : 19 Aug 2020 10:41
 Operator : CG/JU
 Sample : L3636-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMN7

Quant Time: Aug 19 11:26:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 11:06:56 2020
 Response via : Initial Calibration

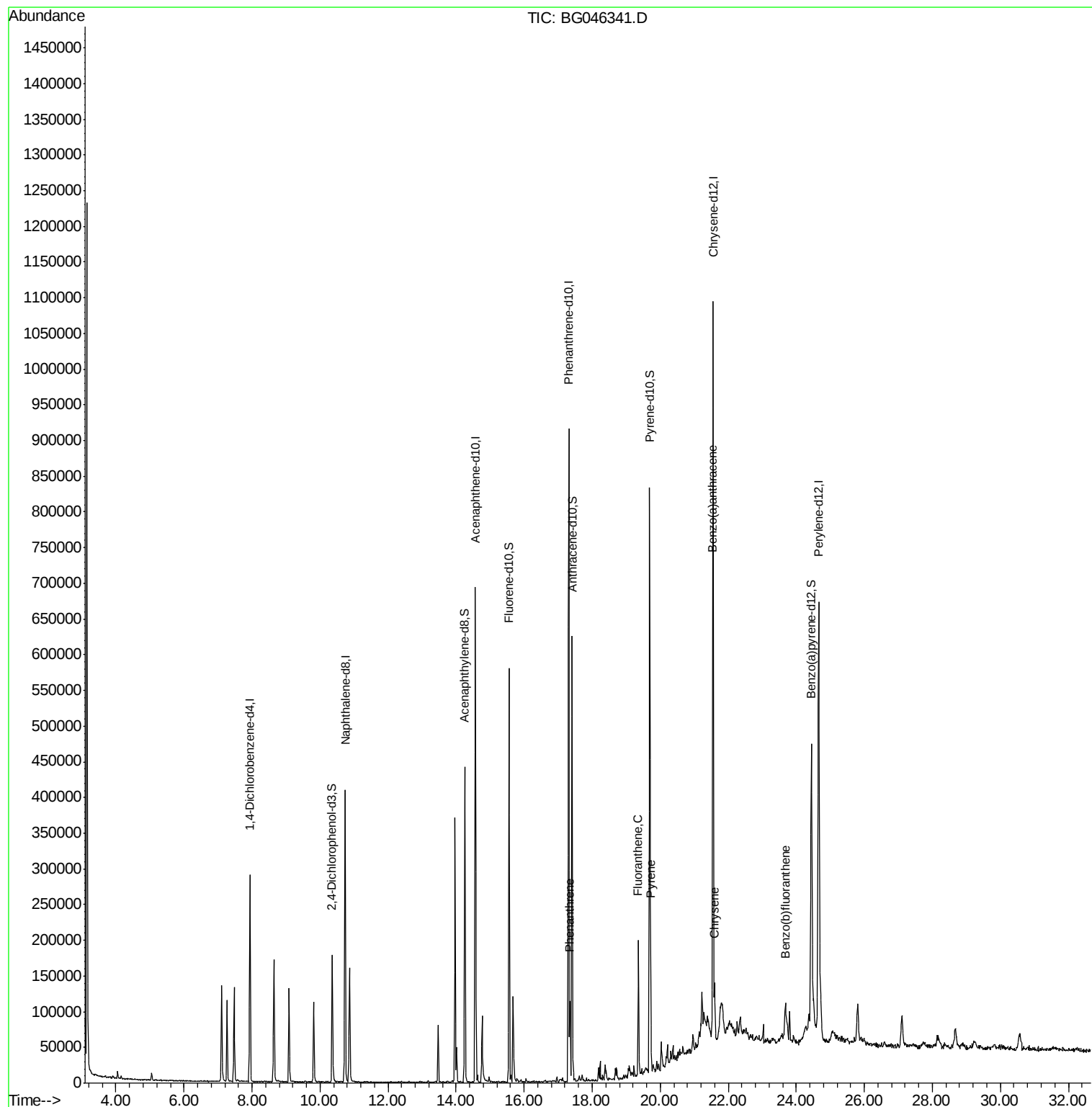
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93864	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	381438	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	261402	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	605989	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	634397	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	654059	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.35	165	82590	12.57	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	335399	13.94	ng/ul	0.00
10) Fluorene-d10	15.55	176	249636	13.54	ng/ul	0.00
15) Anthracene-d10	17.41	188	384024	13.67	ng/ul	0.00
19) Pyrene-d10	19.69	212	440911	13.50	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	432653	12.12	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	79432	2.383	ng/ul	96
17) Fluoranthene	19.36	202	119380	3.211	ng/ul	99
20) Pyrene	19.72	202	98021	2.354	ng/ul#	95
21) Benzo(a)anthracene	21.54	228	56737	1.375	ng/ul	98
22) Chrysene	21.60	228	57810	1.449	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	68047	1.573	ng/ul#	97

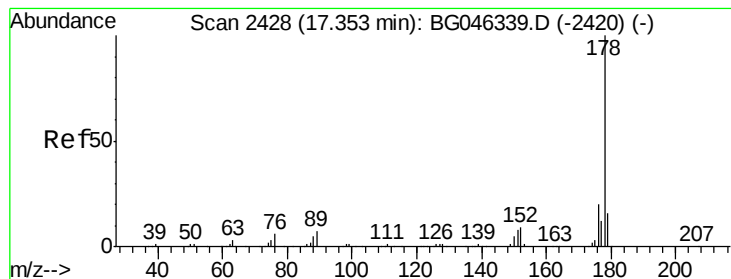
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 2.383 ng/ul

RT: 17.35 min Scan# 2427

Delta R.T. -0.01 min

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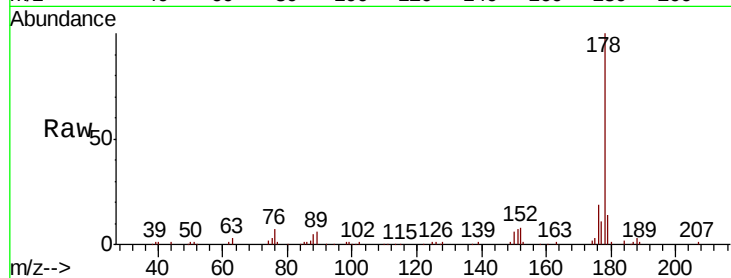
Tot Ion:178 Resp: 79432

Ion Ratio Lower Upper

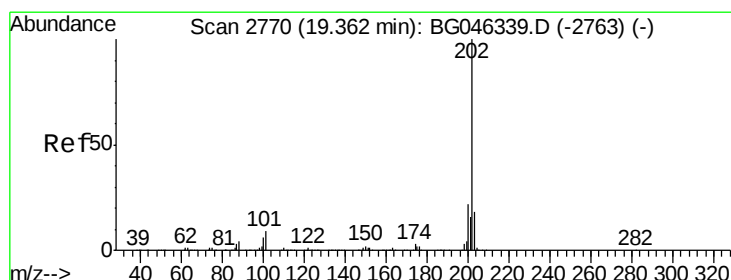
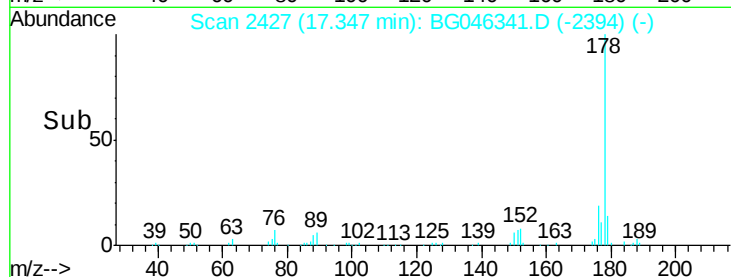
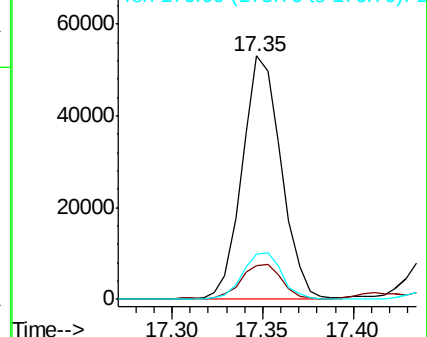
178 100

179 14.0 12.8 19.2

176 18.6 15.8 23.8



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



#17

Fluoranthene

Concen: 3.211 ng/ul

RT: 19.36 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG046341.D

Acq: 19 Aug 2020 10:41

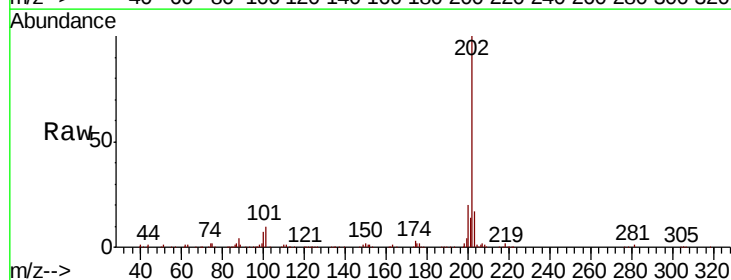
Tgt Ion:202 Resp: 119380

Ion Ratio Lower Upper

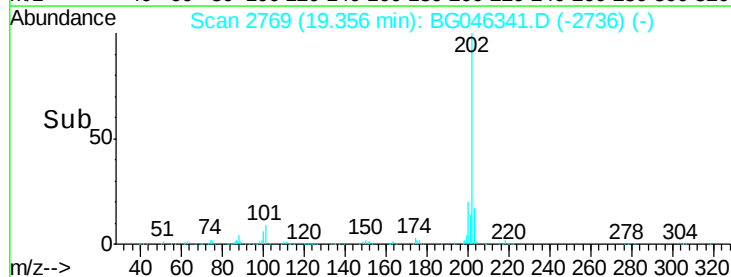
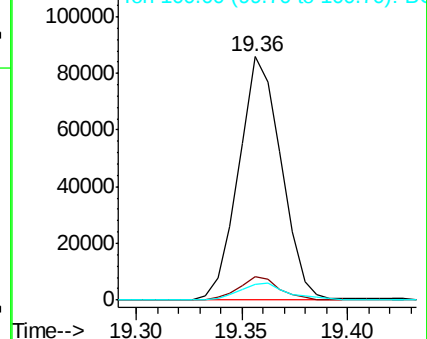
202 100

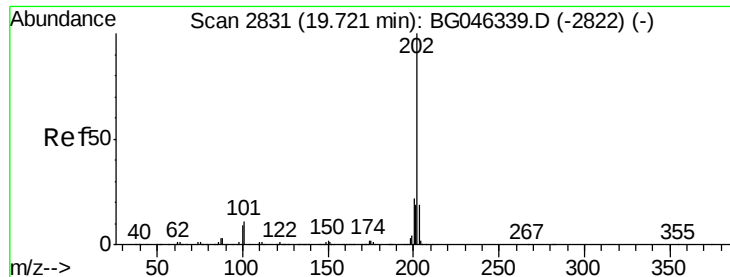
101 9.7 7.8 11.6

100 6.6 5.9 8.9



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

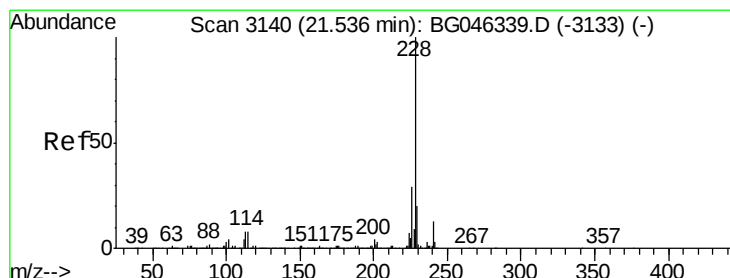
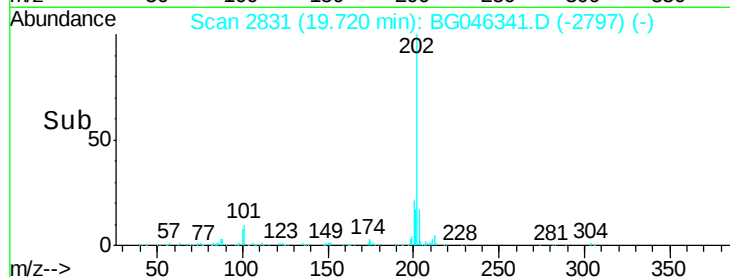
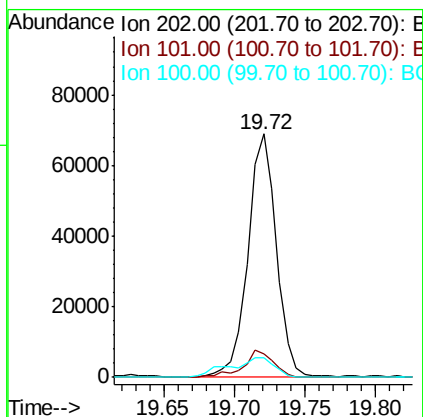
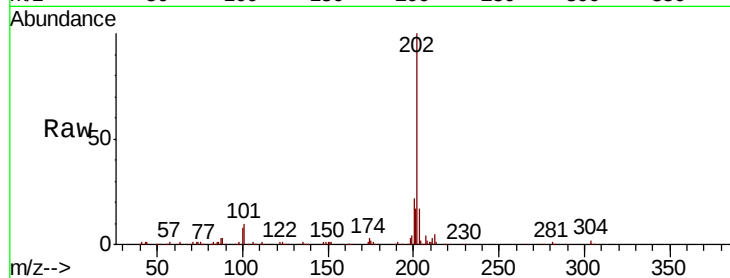




#20
Pvrene
Concen: 2.354 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046341.D
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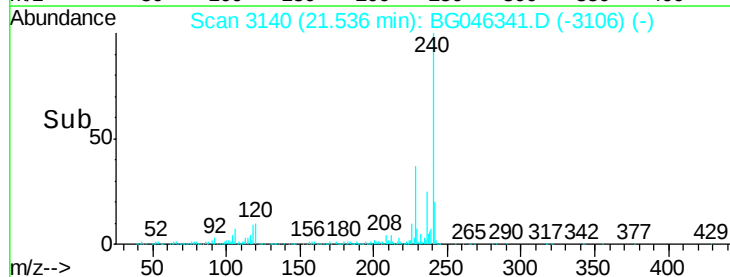
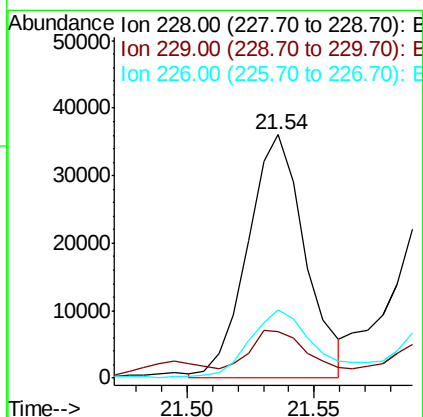
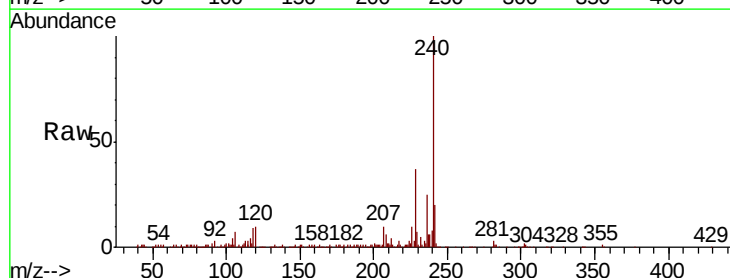
Instrument :
BNA_G
ClientSampleId :
BFMN7

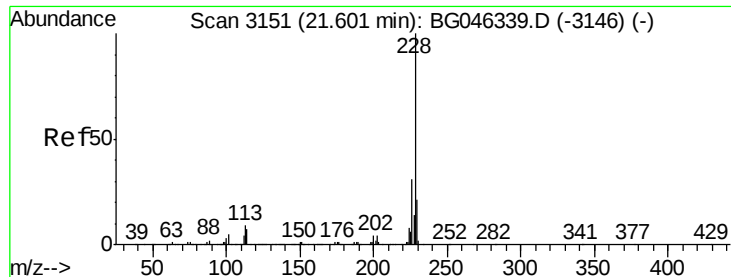
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.9	13.3
100	7.9	7.9	11.9#



#21
Benzo(a)anthracene
Concen: 1.375 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046341.D
Acq: 19 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.6	25.0
226	27.8	22.6	33.8





#22

Chrysene

Concen: 1.449 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046341.D

Acq: 19 Aug 2020 10:41

Instrument :

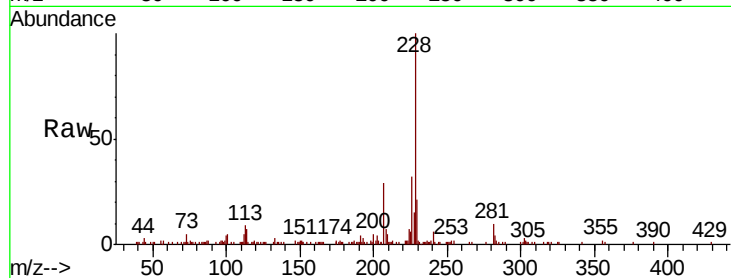
BNA_G

ClientSampleId :

BFMN7

Tot Ion:228 Resp: 57810

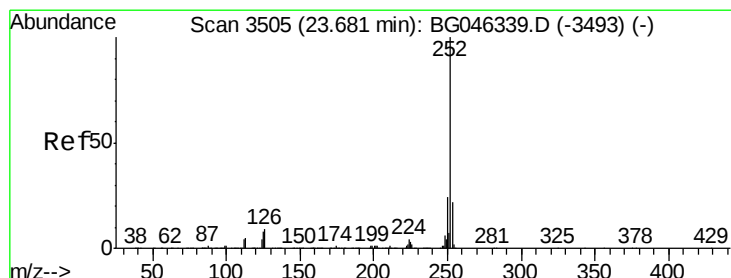
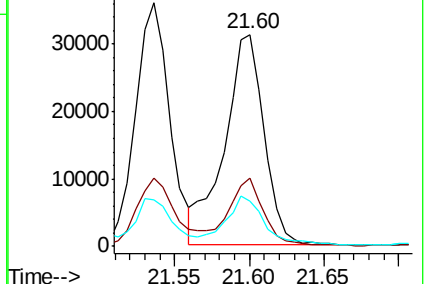
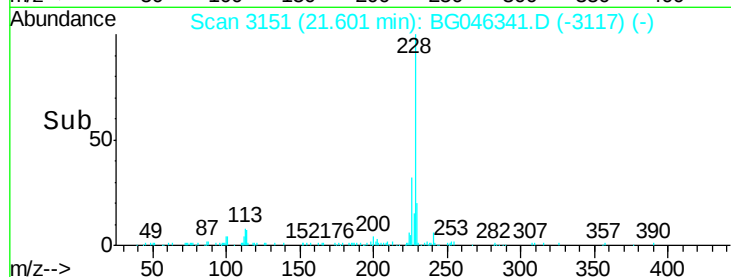
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	21.4	17.0	25.4



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



#24

Benzo(b)fluoranthene

Concen: 1.573 ng/ul

RT: 23.68 min Scan# 3505

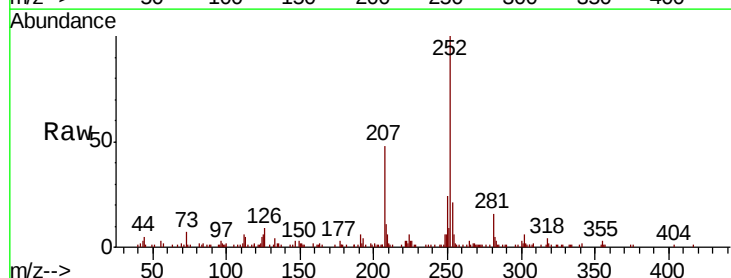
Delta R.T. -0.00 min

Lab File: BG046341.D

Acq: 19 Aug 2020 10:41

Tgt Ion:252 Resp: 68047

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	6.3	6.4	9.6



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

