

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046380.D
 Acq On : 20 Aug 2020 15:53
 Operator : CG/JU
 Sample : L3634-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMF6

Manual Integrations
 APPROVED

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Quant Time: Aug 20 17:19:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	82343	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	337008	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	226993	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	537144	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	548610	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	565422	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	101443	17.48	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	389144	18.63	ng/ul	0.00
10) Fluorene-d10	15.56	176	312539	19.52	ng/ul	0.00
15) Anthracene-d10	17.41	188	446487	17.93	ng/ul	0.00
19) Pyrene-d10	19.69	212	558886	19.79	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	601365	19.49	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	84115	2.847	ng/ul	98
17) Fluoranthene	19.36	202	182779	5.547	ng/ul	96
20) Pyrene	19.72	202	157142	4.364	ng/ul	97
21) Benzo(a)anthracene	21.54	228	82494	2.311	ng/ul	99
22) Chrysene	21.60	228	95603	2.771	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	125851	3.366	ng/ul	99
25) Benzo(k)fluoranthene	23.73	252	52603m	1.418	ng/ul	
27) Benzo(a)pyrene	24.51	252	80057	2.332	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.16	276	58171	1.353	ng/ul	96
30) Benzo(g,h,i)perylene	29.25	276	46016	1.279	ng/ul#	91

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

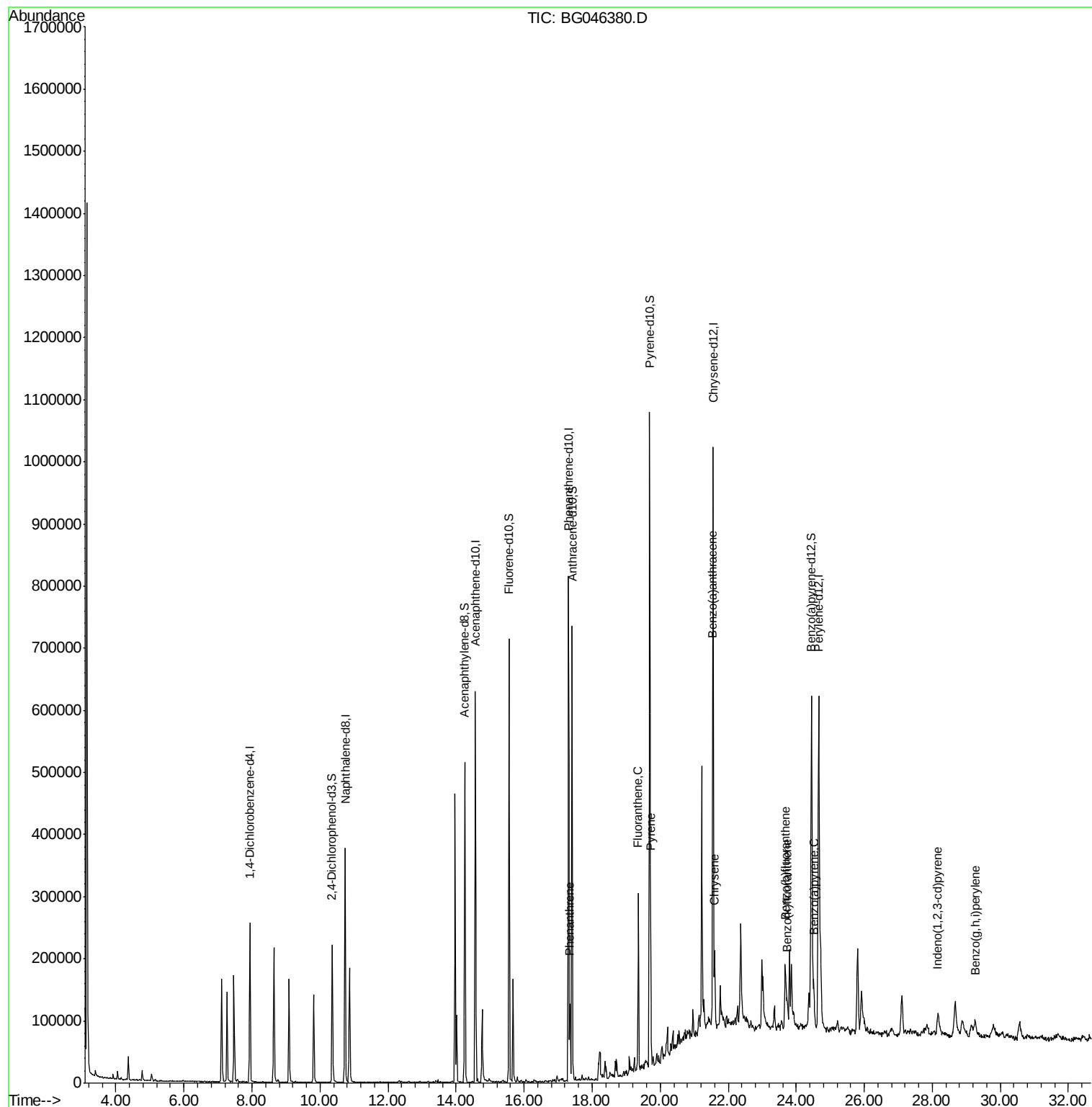
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046380.D
Acq On : 20 Aug 2020 15:53
Operator : CG/JU
Sample : L3634-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

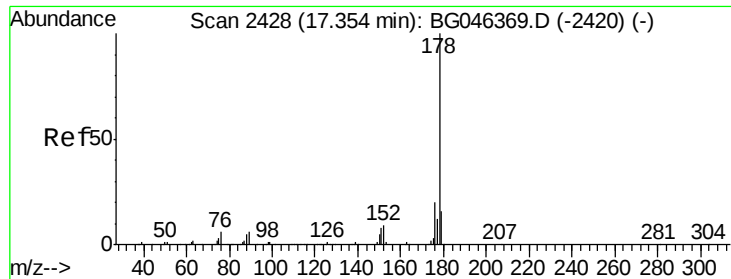
Instrument :
BNA_G
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Quant Time: Aug 20 17:19:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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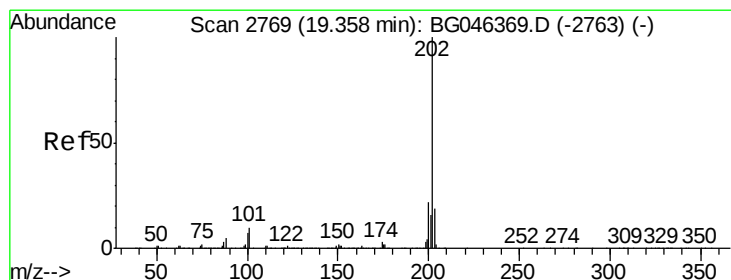
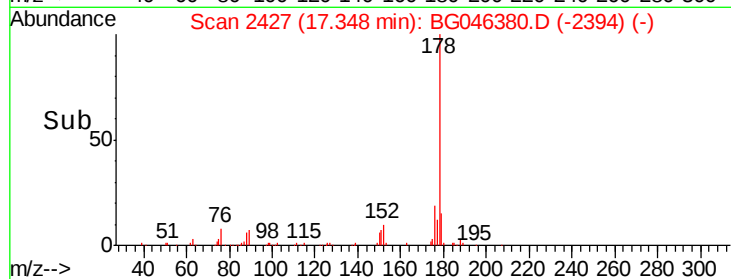
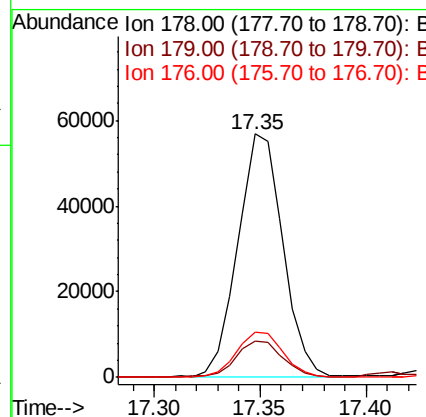
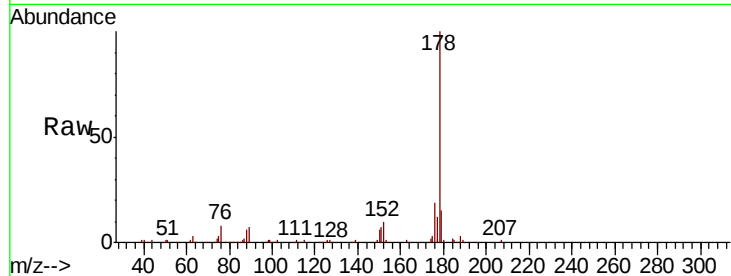
#14
Phenanthrene
Concen: 2.847 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046380.D
Acq: 20 Aug 2020 15:53

Instrument :
BNA_G
ClientSampleId :
BFMF6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.8	19.2
176	18.5	15.8	23.8

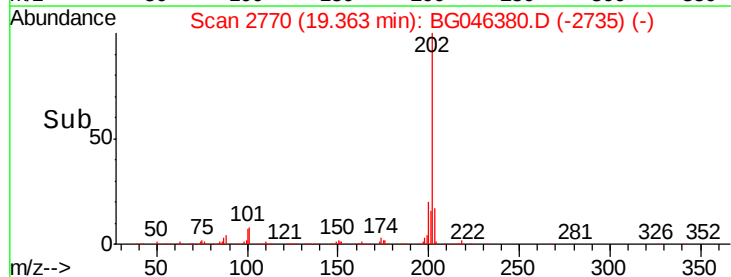
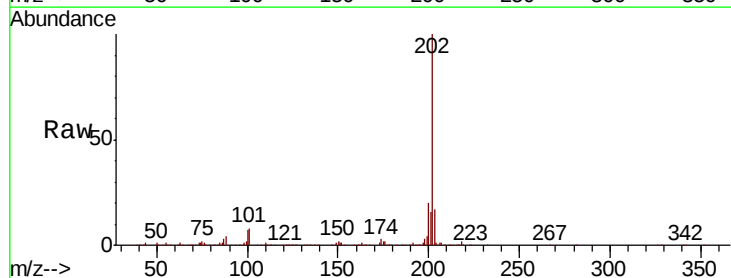
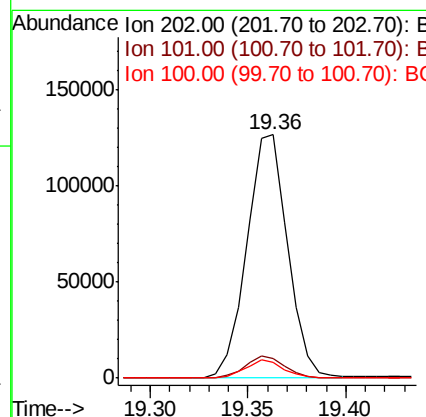
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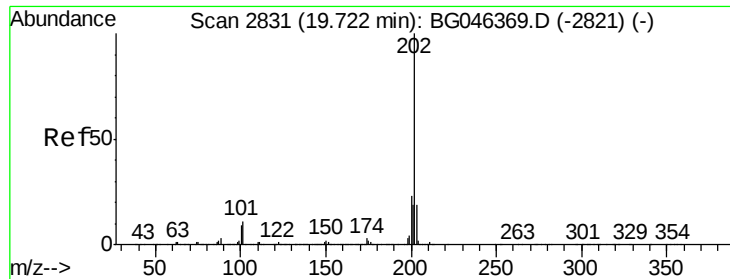
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#17
Fluoranthene
Concen: 5.547 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046380.D
Acq: 20 Aug 2020 15:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.8	11.6
100	6.5	5.9	8.9





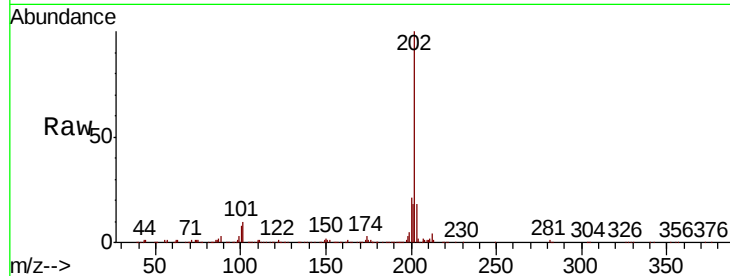
#20
Pvrene
Concen: 4.364 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046380.D
Acq: 20 Aug 2020 15:53

Instrument :
BNA_G
ClientSampleId :
BFMF6

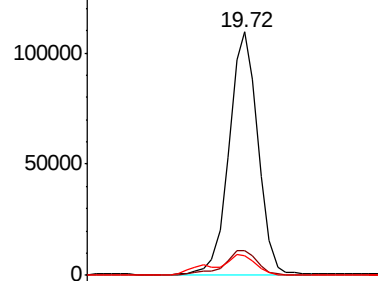
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	8.9	13.3
100	8.2	7.9	11.9

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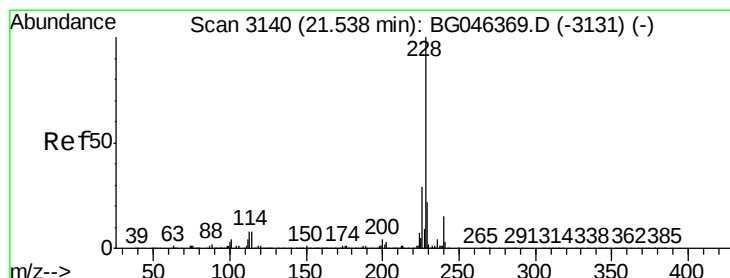
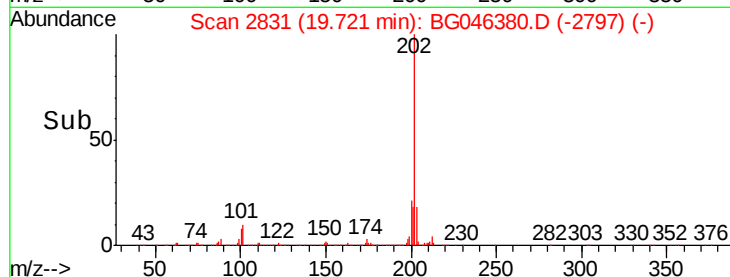
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Abundance Ion 202.00 (201.70 to 202.70): E
150000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

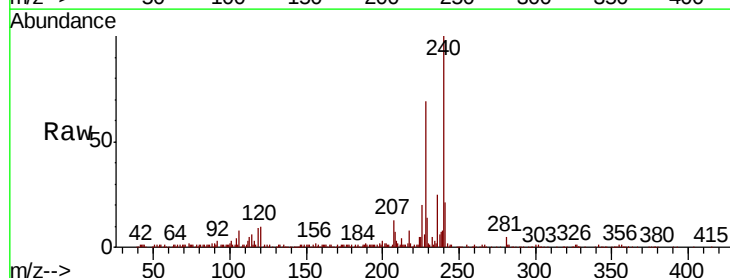


Time-->

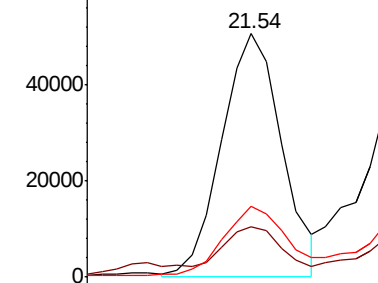


#21
Benzo(a)anthracene
Concen: 2.311 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046380.D
Acq: 20 Aug 2020 15:53

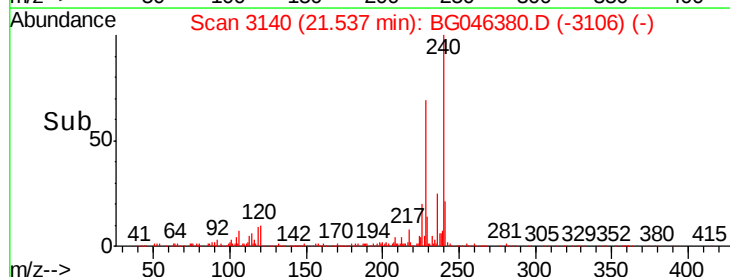
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	16.6	25.0
226	28.9	22.6	33.8

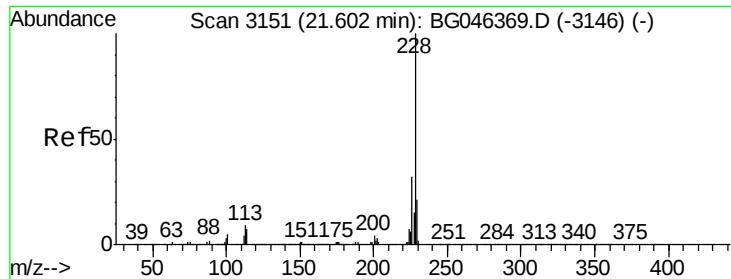


Abundance Ion 228.00 (227.70 to 228.70): E
60000
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time-->





#22

Chrysene

Concen: 2.771 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046380.D

Acq: 20 Aug 2020 15:53

Instrument :

BNA_G

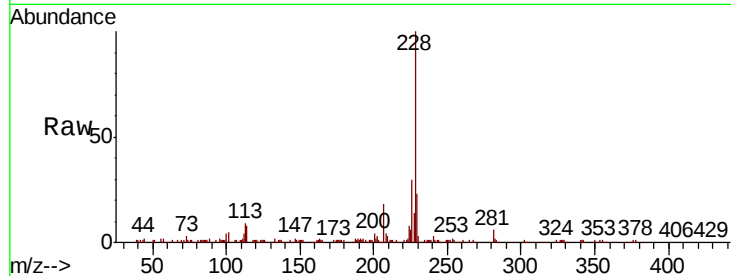
ClientSampleId :

BFMF6

Tot Ion:	228	Resp:	95603
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.5	38.3
229	22.8	17.0	25.4

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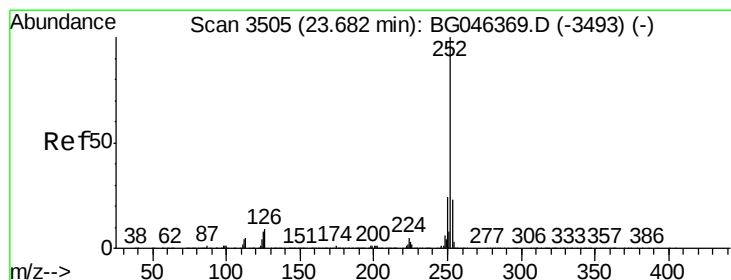
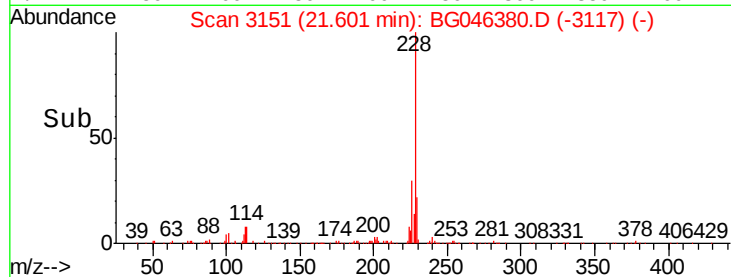
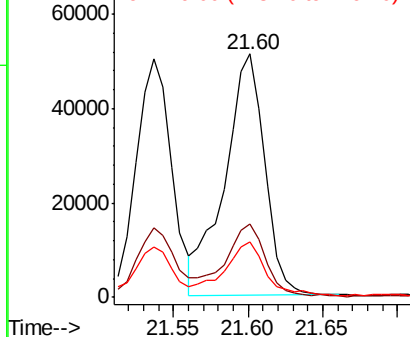


Abundance

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: 3.366 ng/ul

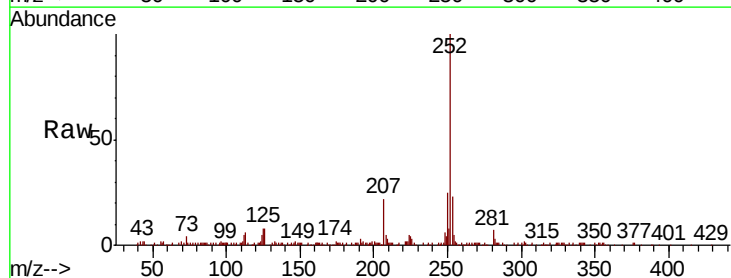
RT: 23.68 min Scan# 3505

Delta R.T. -0.00 min

Lab File: BG046380.D

Acq: 20 Aug 2020 15:53

Tgt Ion:	252	Resp:	125851
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	7.8	6.4	9.6

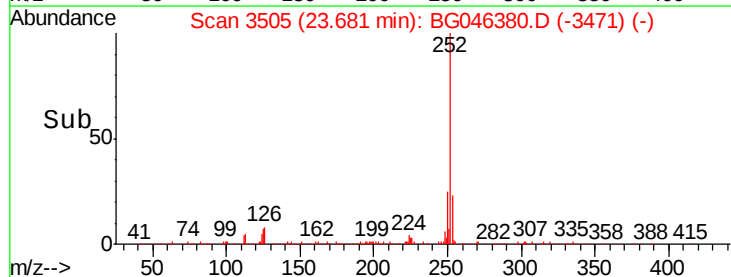
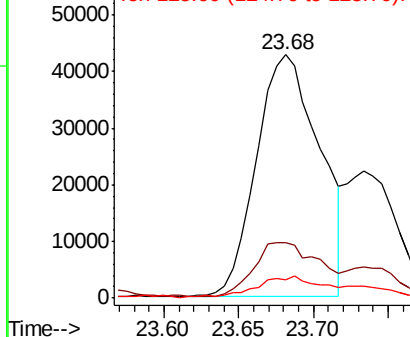


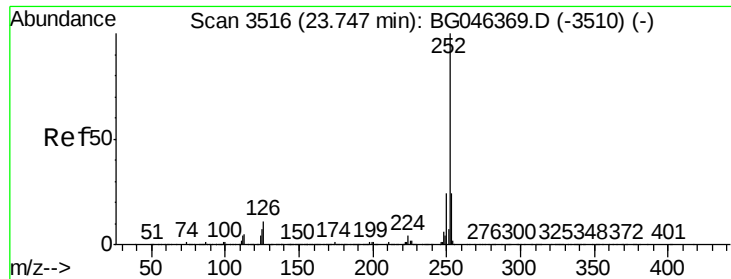
Abundance

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





#25

Benzo(k)fluoranthene

Concen: 1.418 ng/ul

RT: 23.73 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046380.D

Acq: 20 Aug 2020 15:53

Instrument :

BNA_G

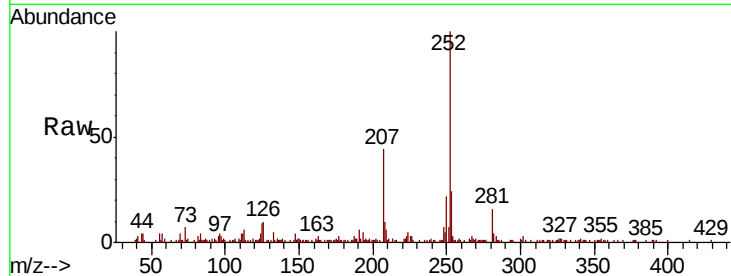
ClientSampled :

BFMF6

Tot Ion:	252	Resp:	52603
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.5	27.7
125	8.9	6.2	9.2

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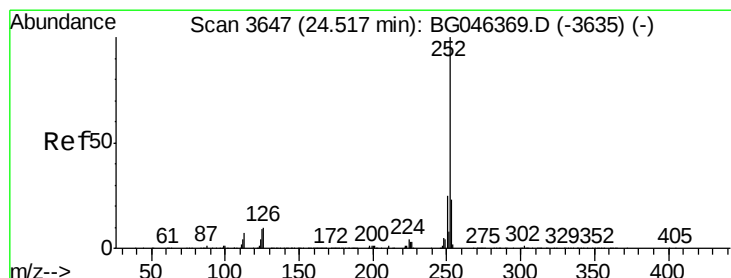
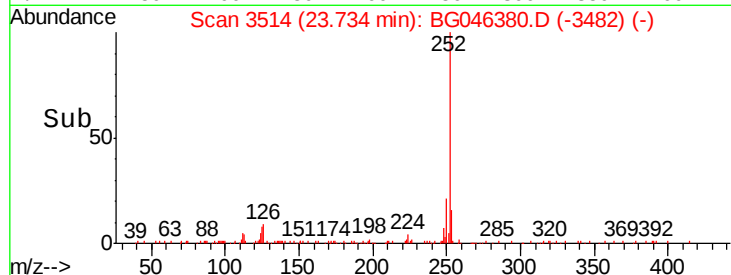
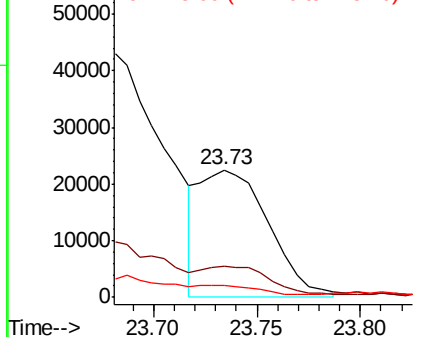


Abundance

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



#27

Benzo(a)pyrene

Concen: 2.332 ng/ul

RT: 24.51 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG046380.D

Acq: 20 Aug 2020 15:53

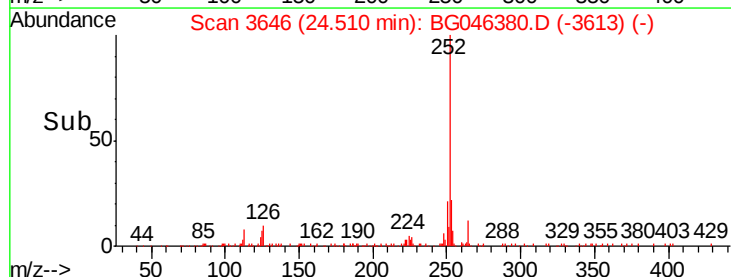
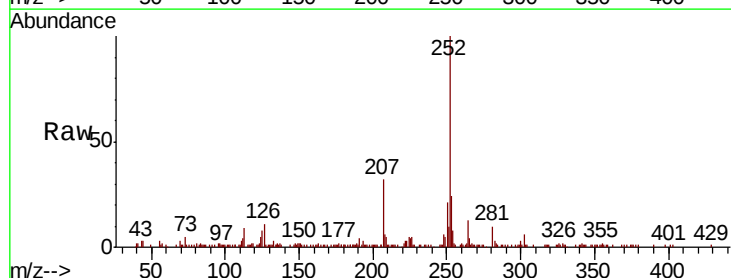
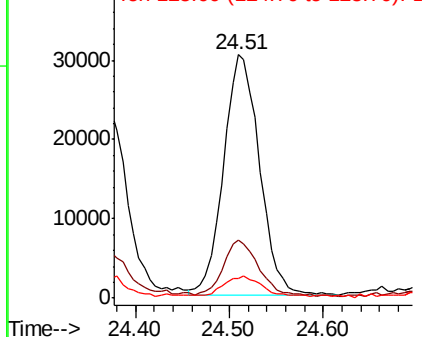
Tgt Ion:	252	Resp:	80057
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	8.0	7.1	10.7

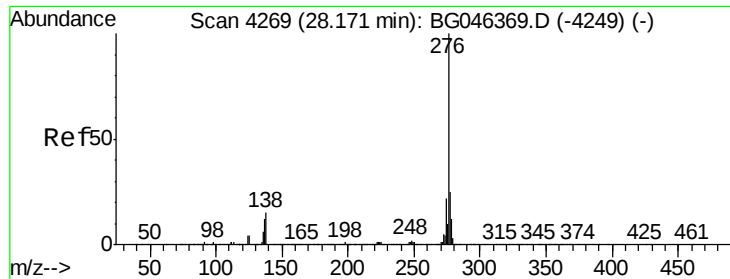
Abundance

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





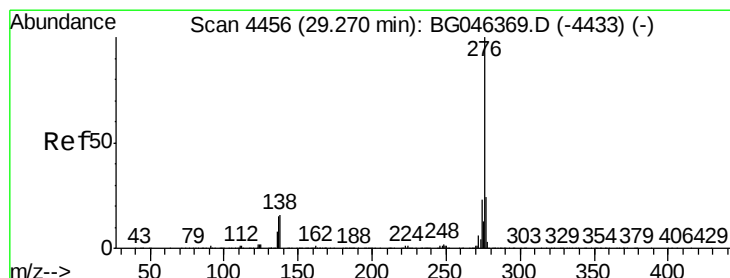
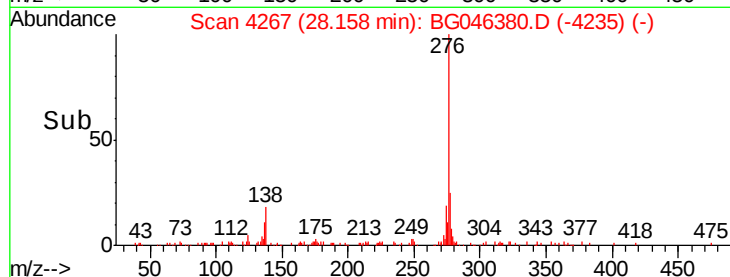
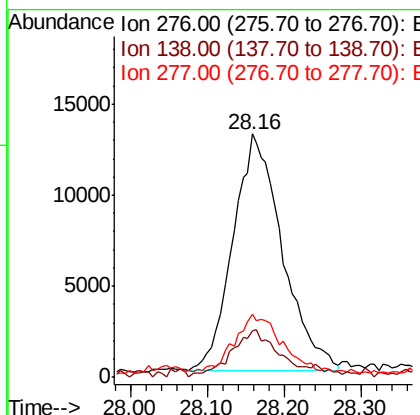
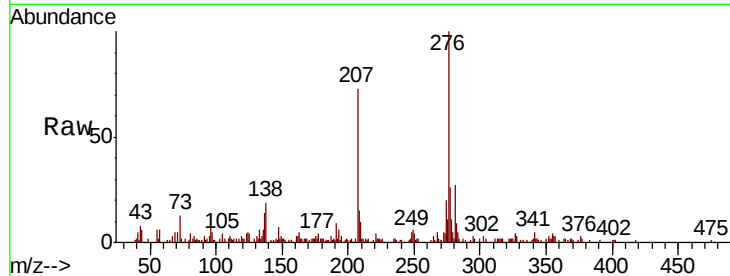
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.353 ng/ul
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046380.D
 Acq: 20 Aug 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :
 BFMF6

Tot Ion:	276	Resp:	58171
Ion Ratio	Lower	Upper	
276	100		
138	19.2	13.2	19.8
277	26.2	19.9	29.9

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#30
 Benzo(g,h,i)perylene
 Concen: 1.279 ng/ul
 RT: 29.25 min Scan# 4452
 Delta R.T. -0.02 min
 Lab File: BG046380.D
 Acq: 20 Aug 2020 15:53

Tgt Ion:	276	Resp:	46016
Ion Ratio	Lower	Upper	
276	100		
138	20.4	12.9	19.3#
277	19.7	19.4	29.0

