

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046400.D
 Acq On : 21 Aug 2020 6:00
 Operator : CG/JU
 Sample : L3635-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH5

Manual Integrations
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Quant Time: Aug 21 07:21:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 04:43:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	84713	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	355230	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236586	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	528648	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	525050	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	565990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	106469	17.41	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	409857	18.82	ng/ul	0.00
10) Fluorene-d10	15.56	176	319604	19.16	ng/ul	0.00
15) Anthracene-d10	17.41	188	456489	18.63	ng/ul	0.00
19) Pyrene-d10	19.69	212	525982	19.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	549431	17.79	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	95665	3.289	ng/ul	98
17) Fluoranthene	19.36	202	233761	7.208	ng/ul	98
20) Pyrene	19.72	202	213322	6.190	ng/ul	97
21) Benzo(a)anthracene	21.54	228	110165	3.225	ng/ul	99
22) Chrysene	21.60	228	128307	3.885	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	177775	4.750	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	55524m	1.495	ng/ul	
27) Benzo(a)pyrene	24.52	252	102375	2.979	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.18	276	74075	1.722	ng/ul	99
30) Benzo(g,h,i)perylene	29.28	276	63072m	1.752	ng/ul	

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

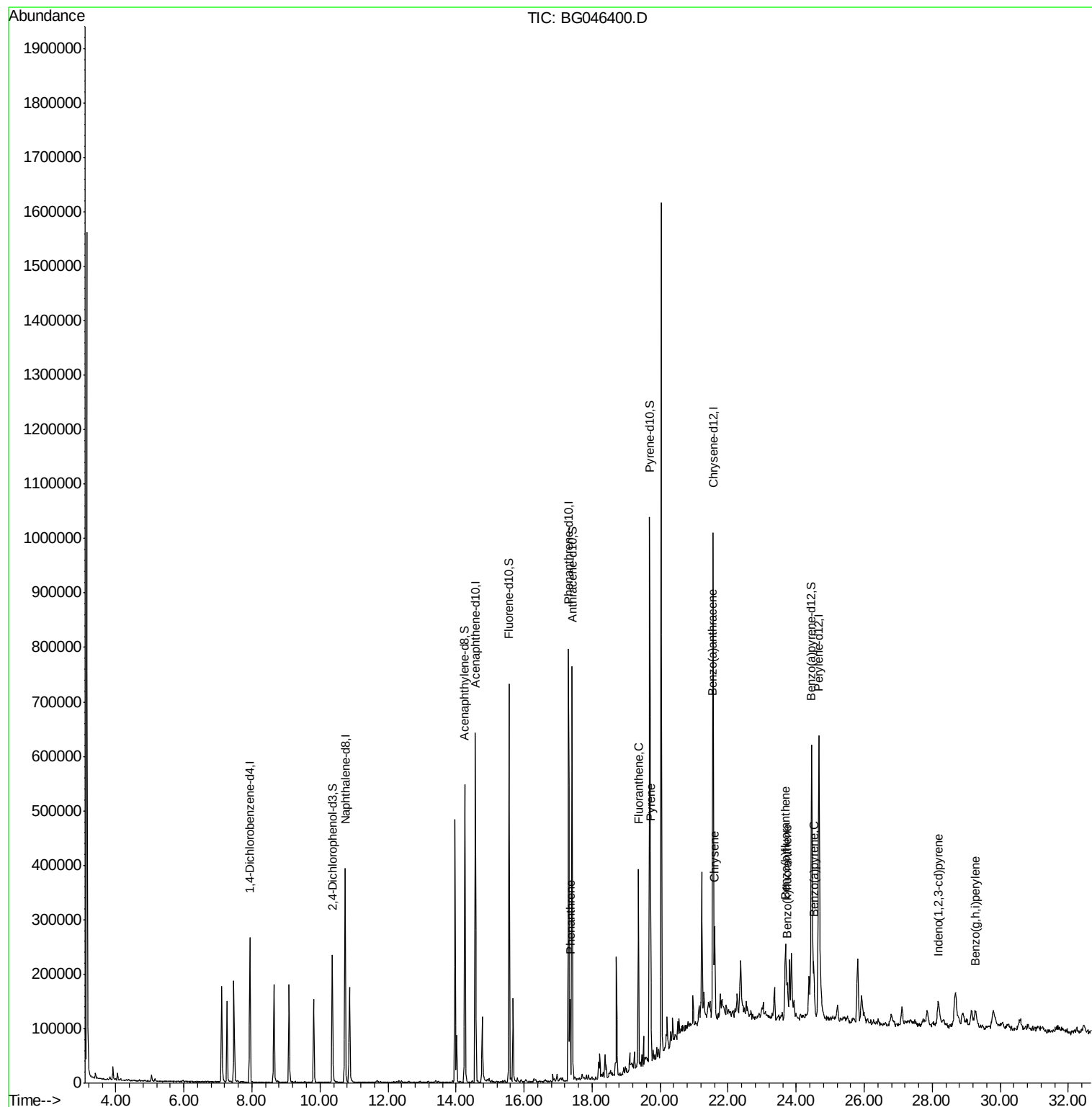
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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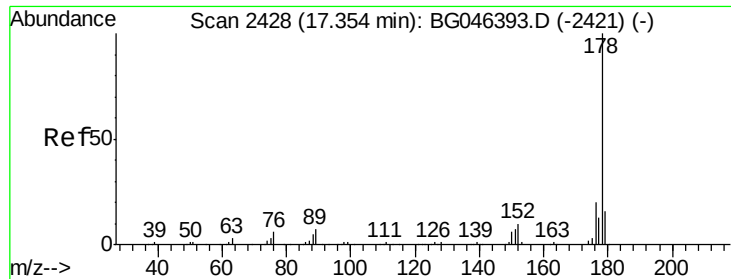
Instrument :
BNA_G
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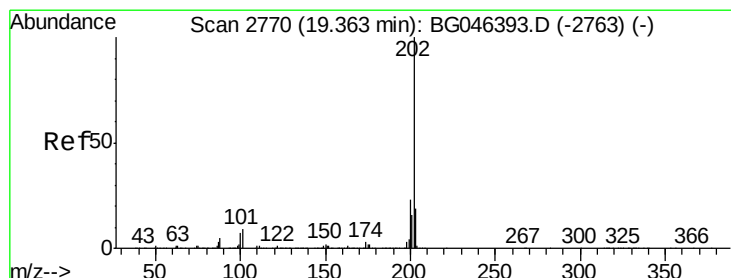
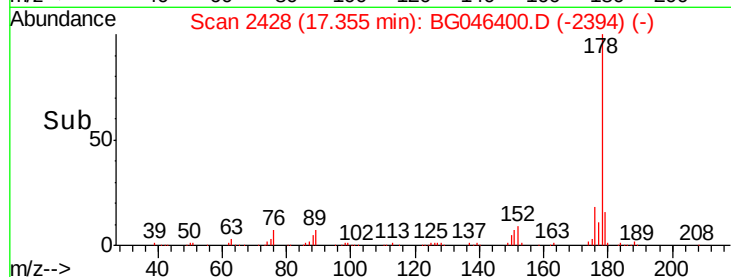
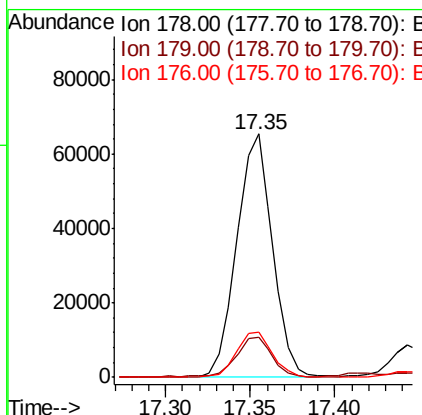
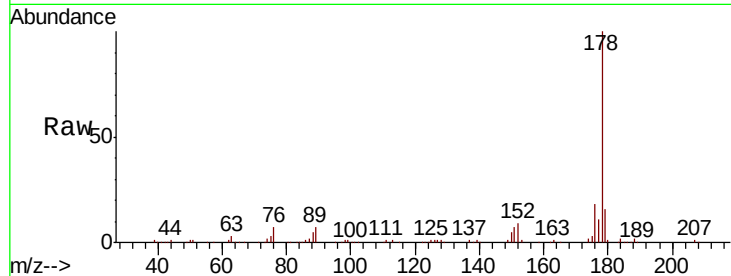
#14
Phenanthrene
Concen: 3.289 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Instrument :
BNA_G
ClientSampleId :
BFMH5

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.5	15.8	23.8

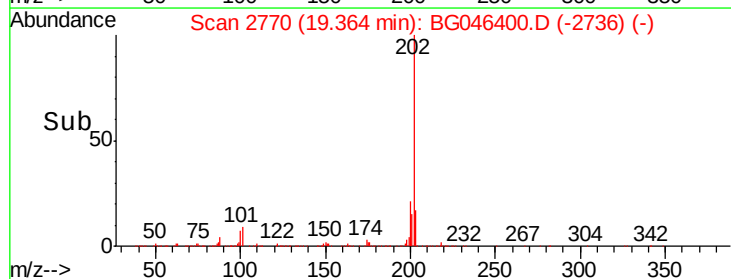
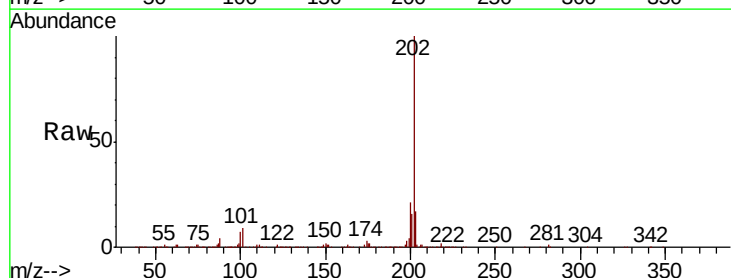
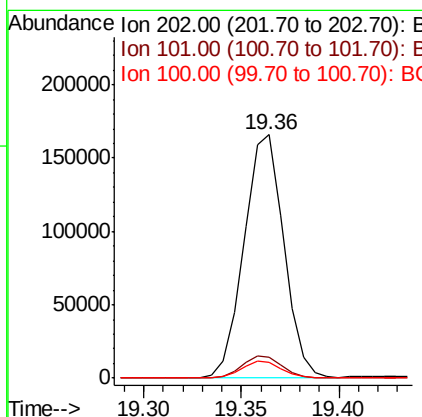
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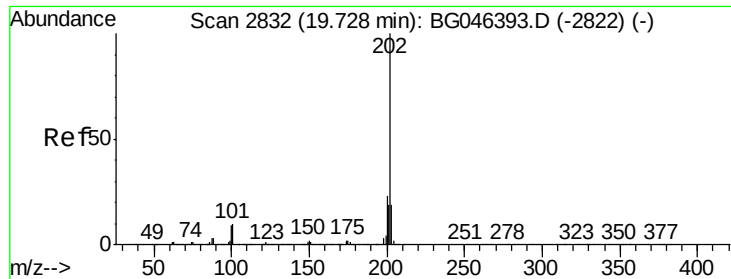
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#17
Fluoranthene
Concen: 7.208 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.8	11.6
100	6.6	5.9	8.9





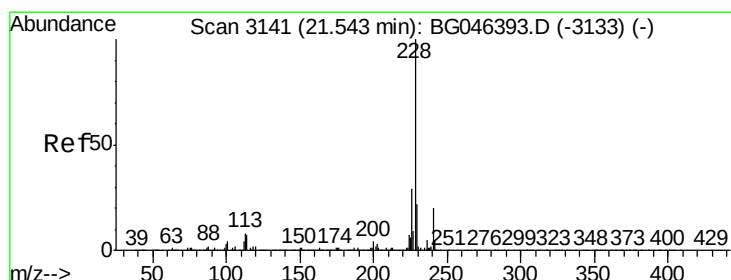
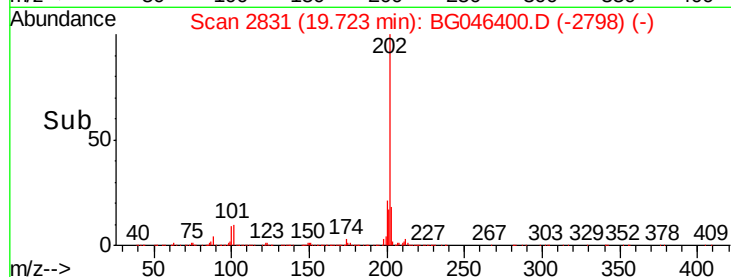
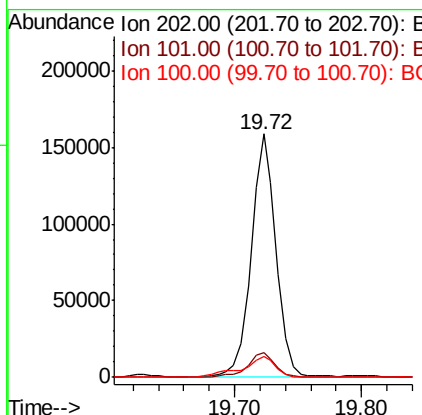
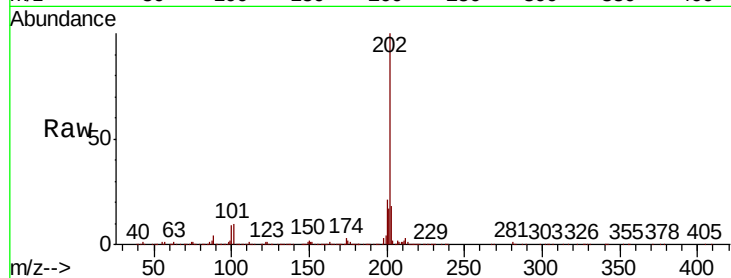
#20
Pvrene
Concen: 6.190 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Instrument :
BNA_G
ClientSampleId :
BFMH5

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	9.9	8.9	13.3	
100	8.6	7.9	11.9	

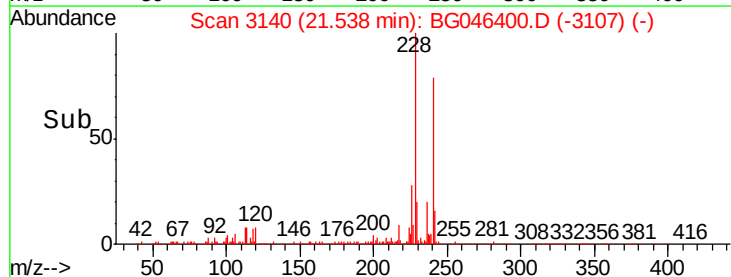
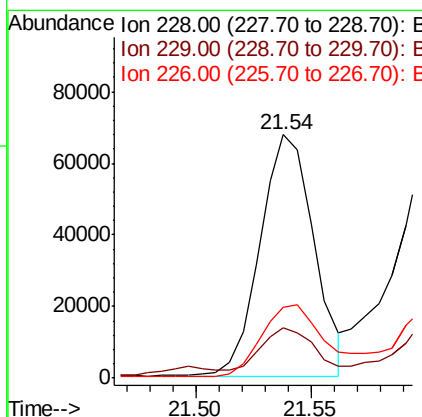
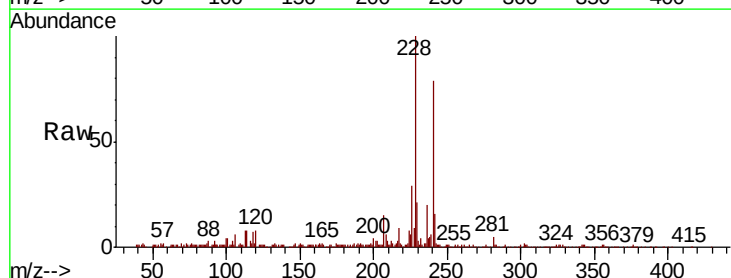
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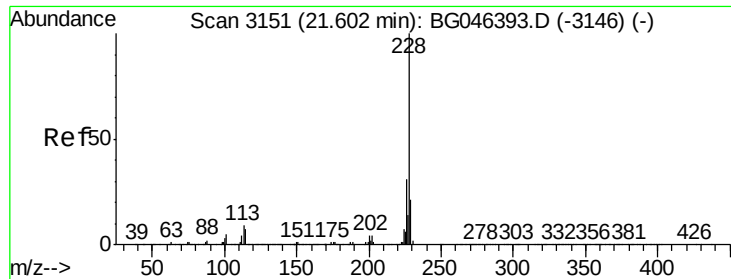
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#21
Benzo(a)anthracene
Concen: 3.225 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

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





#22

Chrysene

Concen: 3.885 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046400.D

Acq: 21 Aug 2020 6:00

Instrument :

BNA_G

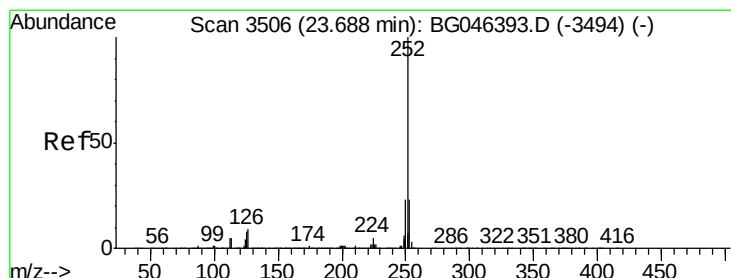
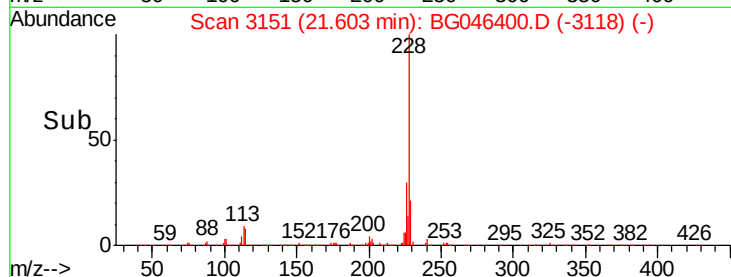
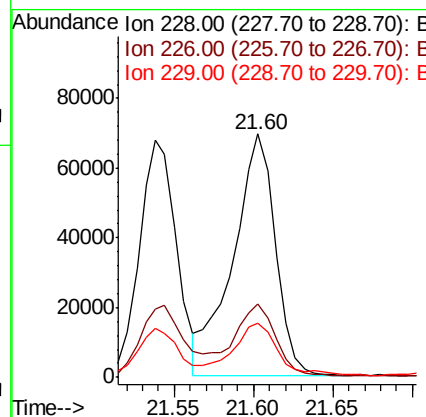
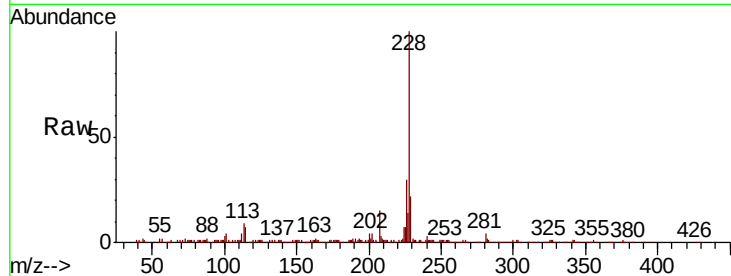
ClientSampleId :

BFMH5

Tot Ion:	228	Resp:	128307
Ion Ratio		Lower	Upper
228	100		
226	30.3	25.5	38.3
229	22.0	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 4.750 ng/ul

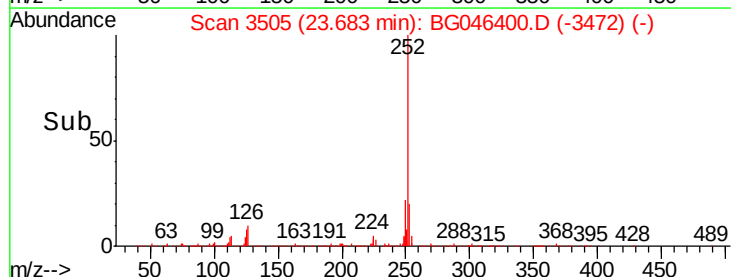
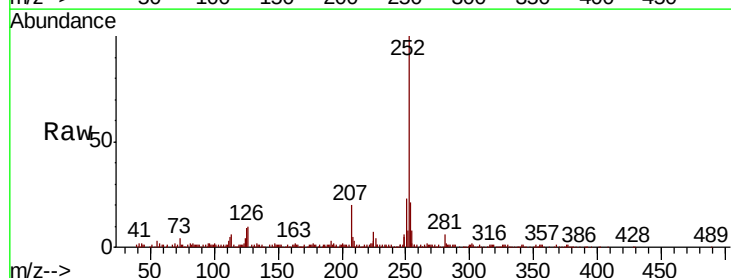
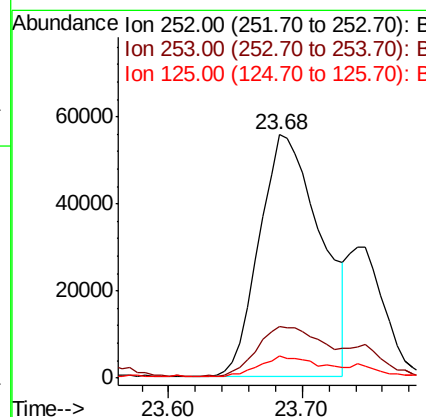
RT: 23.68 min Scan# 3505

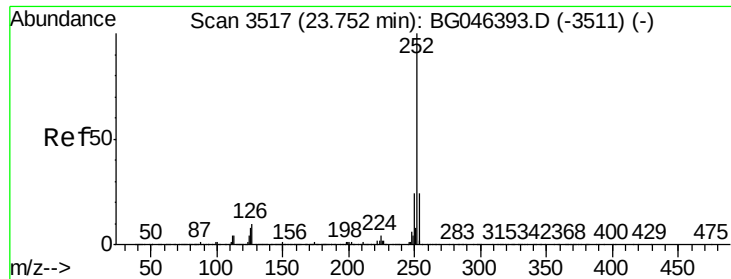
Delta R.T. -0.00 min

Lab File: BG046400.D

Acq: 21 Aug 2020 6:00

Tgt Ion:	252	Resp:	177775
Ion Ratio		Lower	Upper
252	100		
253	21.0	17.8	26.6
125	9.1	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 1.495 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046400.D

Acq: 21 Aug 2020 6:00

Instrument :

BNA_G

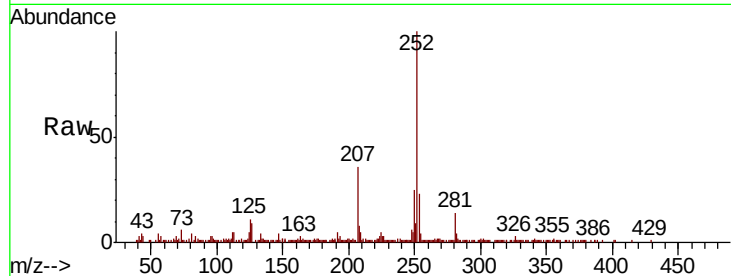
ClientSampleId :

BFMH5

Tot Ion:	252	Resp:	55524
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.5	27.7
125	10.7	6.2	9.2#

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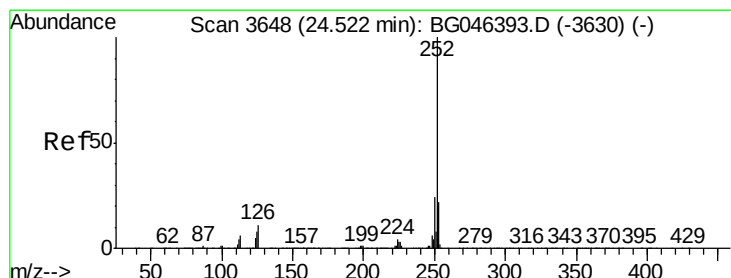
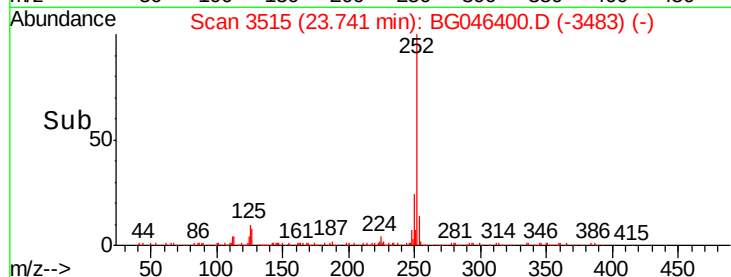
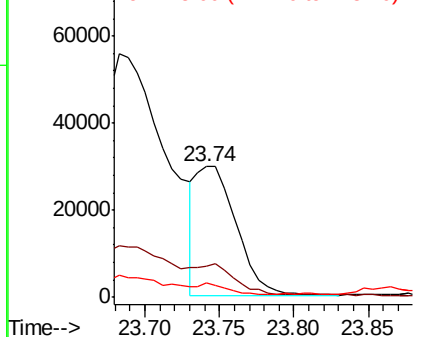


Abundance

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: 2.979 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. -0.01 min

Lab File: BG046400.D

Acq: 21 Aug 2020 6:00

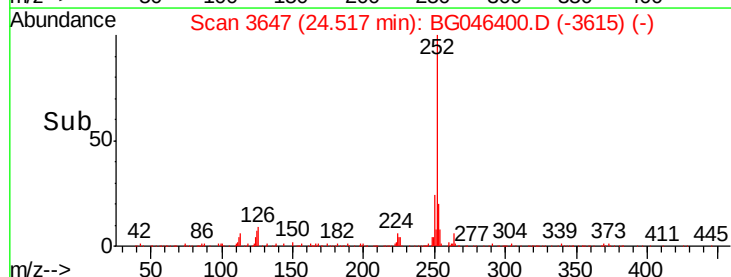
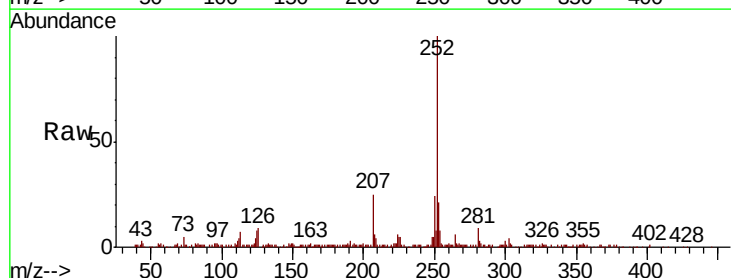
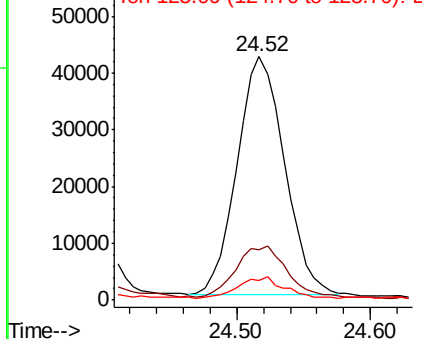
Tgt Ion:	252	Resp:	102375
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.8	26.8
125	8.1	7.1	10.7

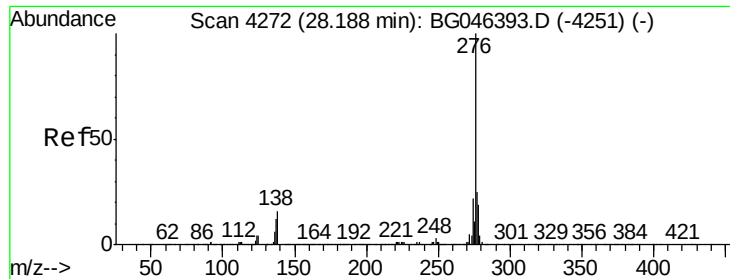
Abundance

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





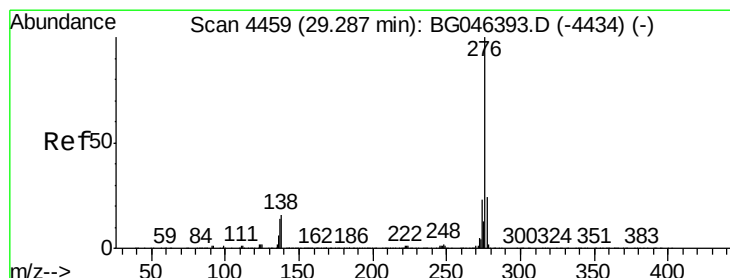
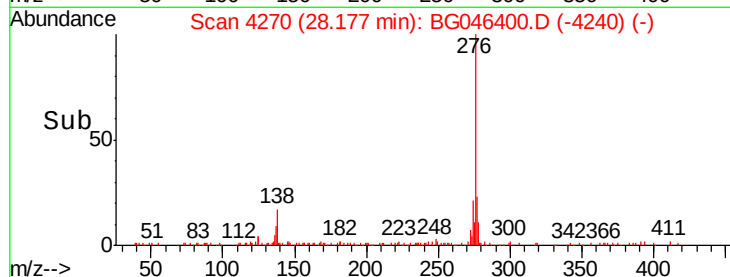
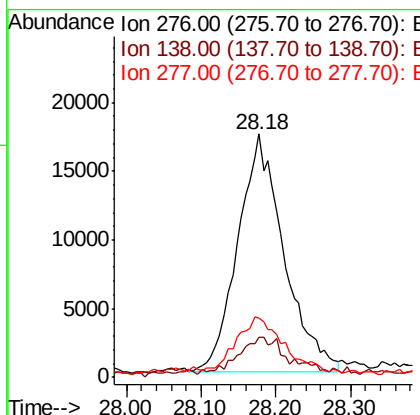
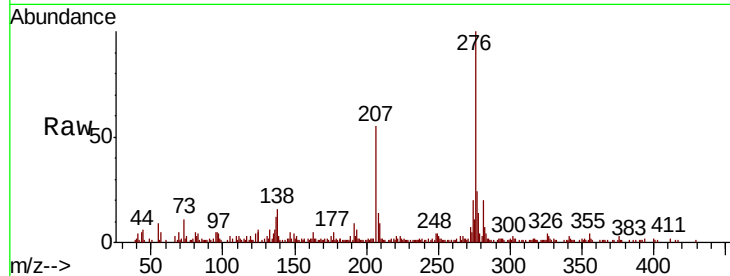
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.722 ng/ul
 RT: 28.18 min Scan# 4270
 Delta R.T. -0.02 min
 Lab File: BG046400.D
 Acq: 21 Aug 2020 6:00

Instrument :
 BNA_G
 ClientSampleId :
 BFMH5

Tot Ion:	276	Resp:	74075
Ion Ratio	Lower	Upper	
276	100		
138	16.3	13.2	19.8
277	24.2	19.9	29.9

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#30
 Benzo(g,h,i)perylene
 Concen: 1.752 ng/ul m
 RT: 29.28 min Scan# 4457
 Delta R.T. -0.01 min
 Lab File: BG046400.D
 Acq: 21 Aug 2020 6:00

Tgt Ion:	276	Resp:	63072
Ion Ratio	Lower	Upper	
276	100		
138	14.3	12.9	19.3
277	25.6	19.4	29.0

