

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046382.D
 Acq On : 20 Aug 2020 17:14
 Operator : CG/JU
 Sample : L3634-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMG1

Manual Integrations
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Quant Time: Aug 20 18:02:50 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	79027	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	338058	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	235166	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	540555	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	557937	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	568554	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	84795	14.57	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	324464	14.99	ng/ul	0.00
10) Fluorene-d10	15.56	176	258433	15.58	ng/ul	0.00
15) Anthracene-d10	17.40	188	366874	14.64	ng/ul	0.00
19) Pyrene-d10	19.69	212	446537	15.55	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	468341	15.10	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	92167	3.099	ng/ul	98
17) Fluoranthene	19.36	202	159886	4.822	ng/ul	98
20) Pyrene	19.72	202	136504	3.727	ng/ul	97
21) Benzo(a)anthracene	21.53	228	81954	2.258	ng/ul	98
22) Chrysene	21.60	228	81760	2.330	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	101484	2.699	ng/ul	96
25) Benzo(k)fluoranthene	23.74	252	41340m	1.108	ng/ul	
27) Benzo(a)pyrene	24.51	252	64843	1.879	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	43471m	1.006	ng/ul	

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

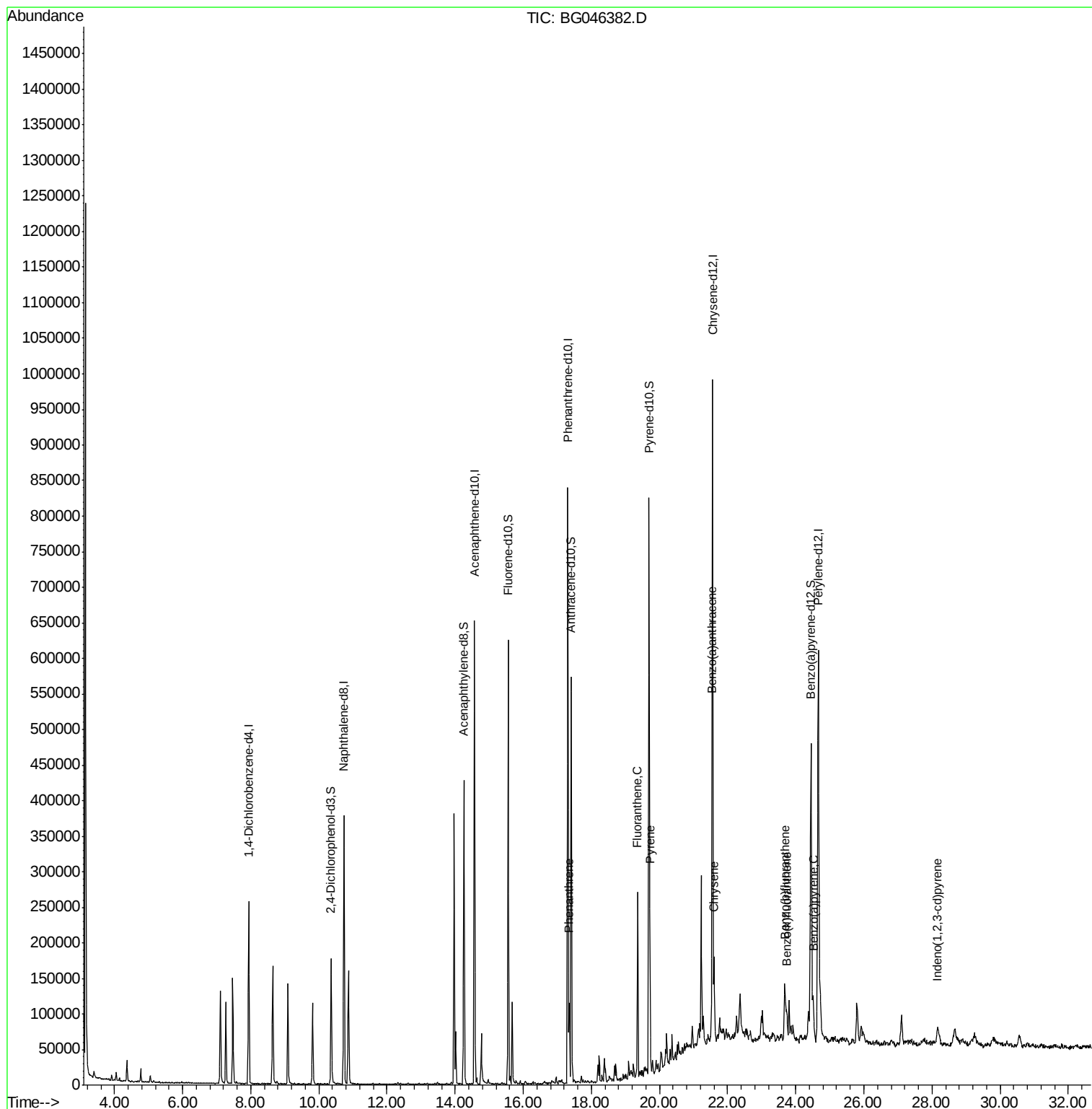
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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ALS Vial : 46 Sample Multiplier: 1

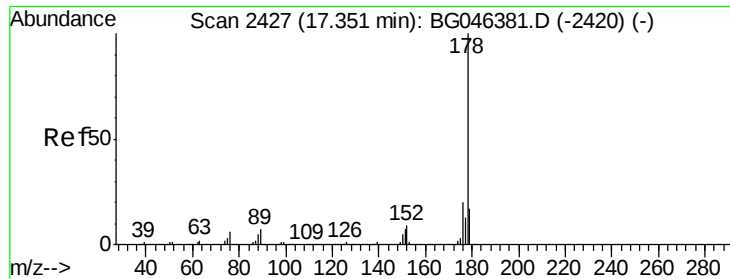
Instrument :
BNA_G
ClientSampleId :
BFMG1

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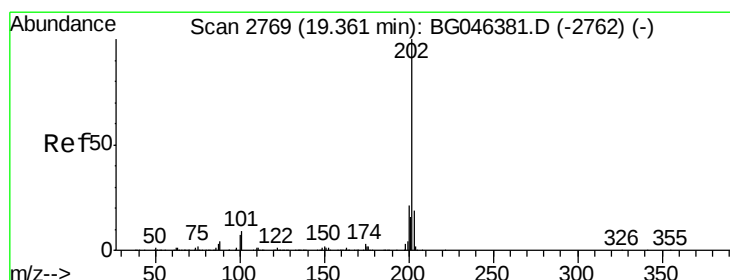
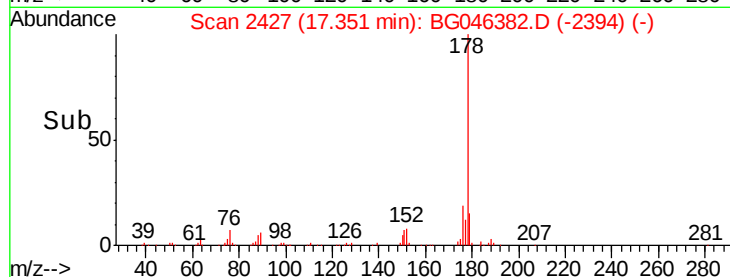
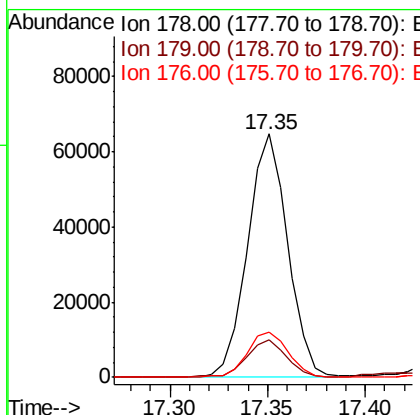
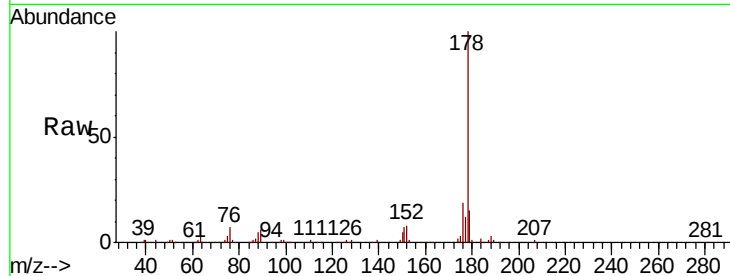
#14
Phenanthrene
Concen: 3.099 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046382.D
Acq: 20 Aug 2020 17:14

Instrument :
BNA_G
ClientSampleId :
BFMG1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.6	15.8	23.8

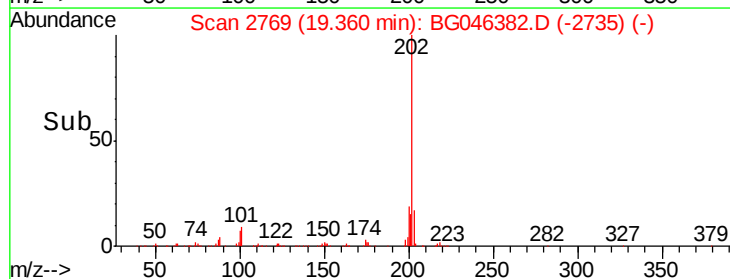
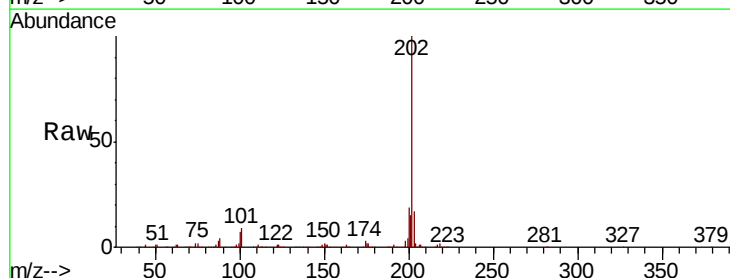
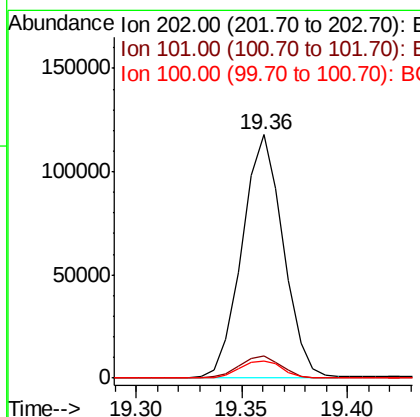
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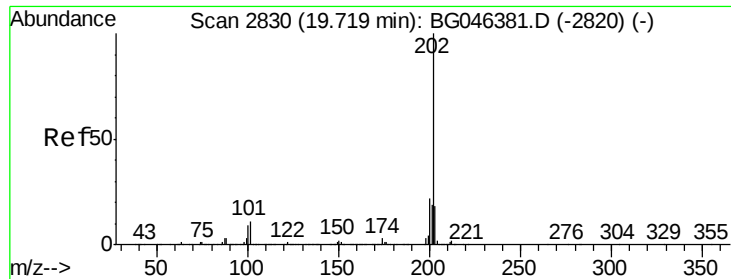
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#17
Fluoranthene
Concen: 4.822 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BG046382.D
Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.6
100	7.0	5.9	8.9





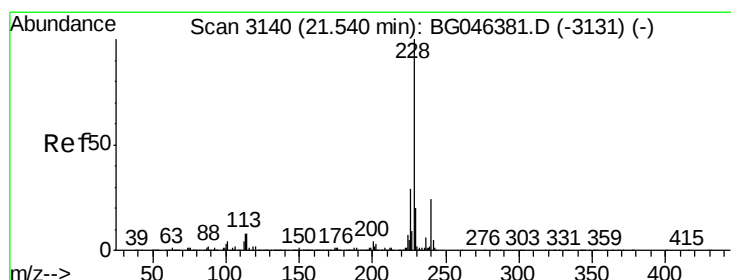
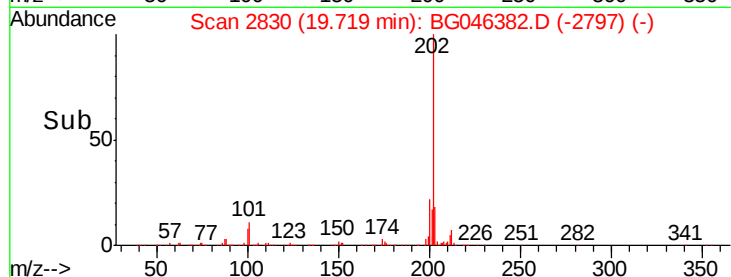
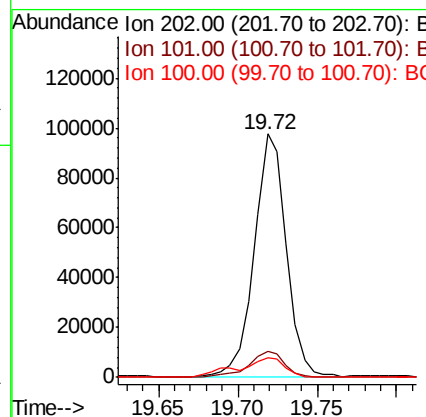
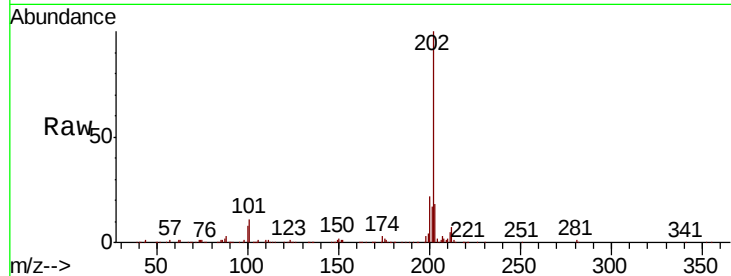
#20
Pvrene
Concen: 3.727 ng/ul
RT: 19.72 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046382.D
Acq: 20 Aug 2020 17:14

Instrument :
BNA_G
ClientSampleId :
BFMG1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	8.9	13.3
100	8.3	7.9	11.9

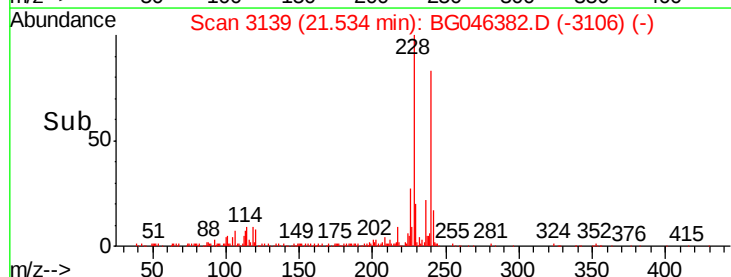
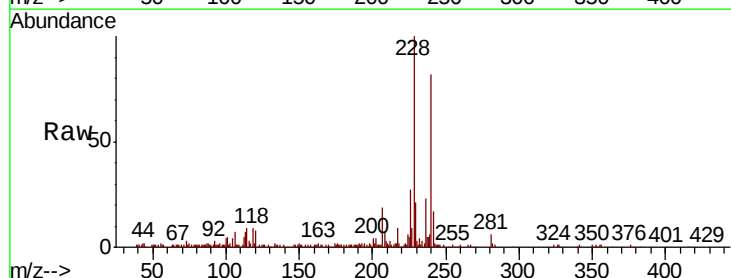
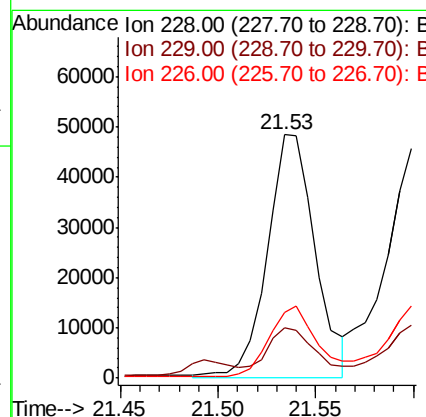
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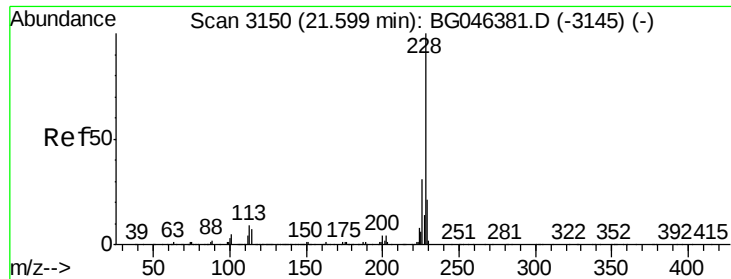
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#21
Benzo(a)anthracene
Concen: 2.258 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046382.D
Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.6	25.0
226	26.7	22.6	33.8





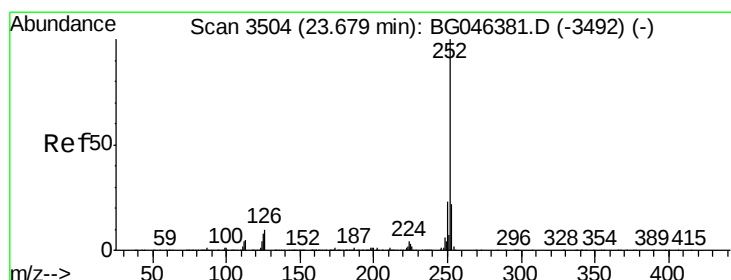
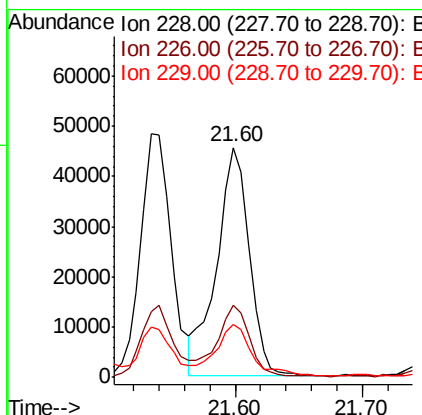
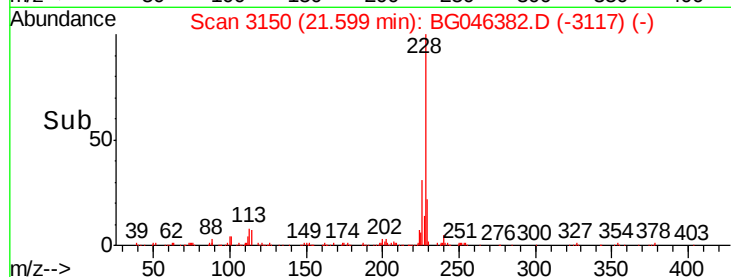
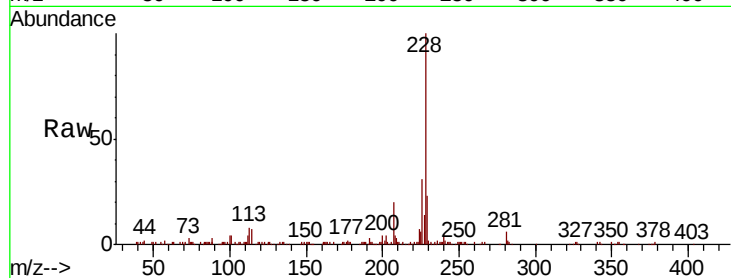
#22
Chrysene
Concen: 2.330 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG046382.D
Acq: 20 Aug 2020 17:14

Instrument :
BNA_G
ClientSampleId :
BFMG1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	23.2	17.0	25.4

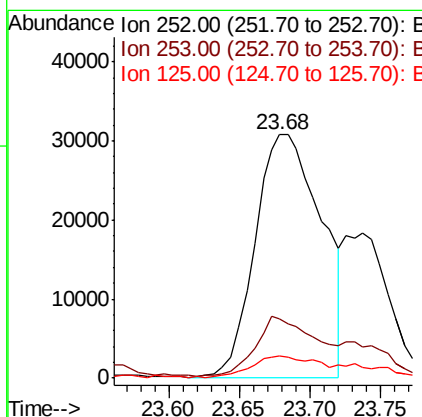
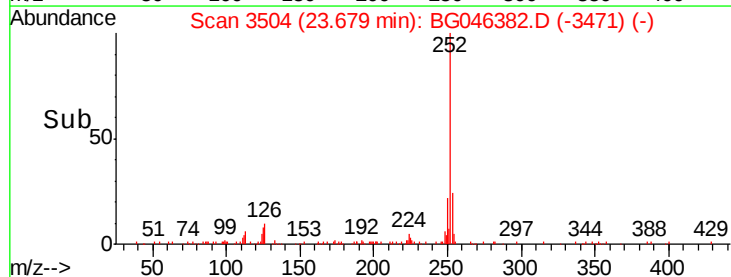
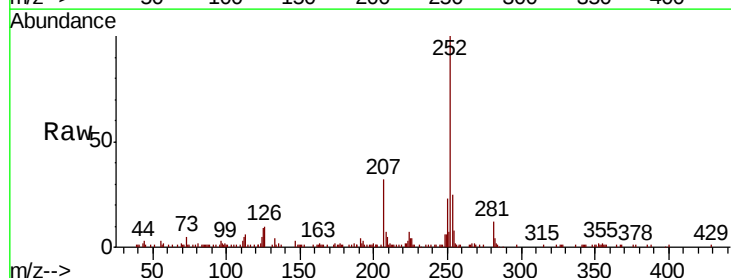
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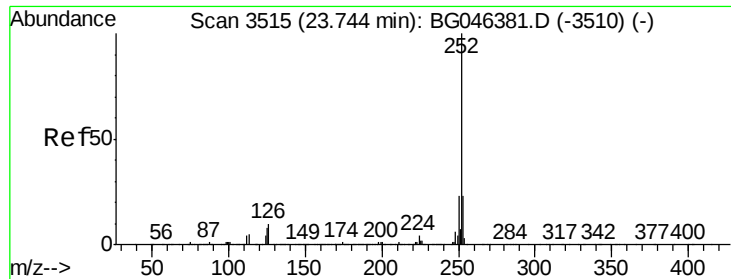
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#24
Benzo(b)fluoranthene
Concen: 2.699 ng/ul
RT: 23.68 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BG046382.D
Acq: 20 Aug 2020 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	8.9	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 1.108 ng/ul m

RT: 23.74 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046382.D

Acq: 20 Aug 2020 17:14

Instrument :

BNA_G

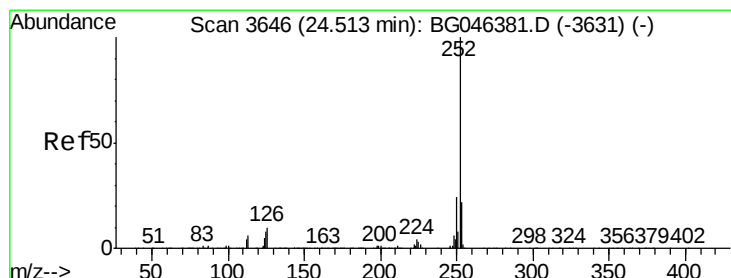
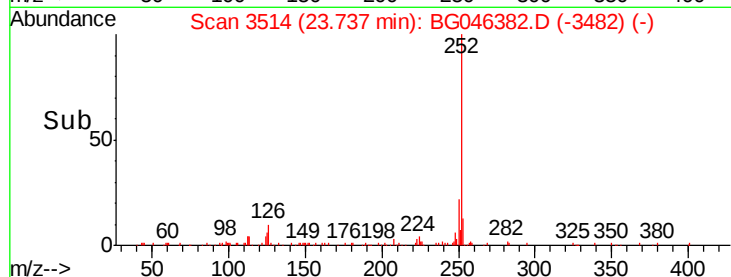
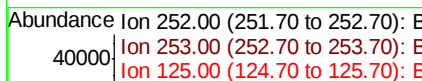
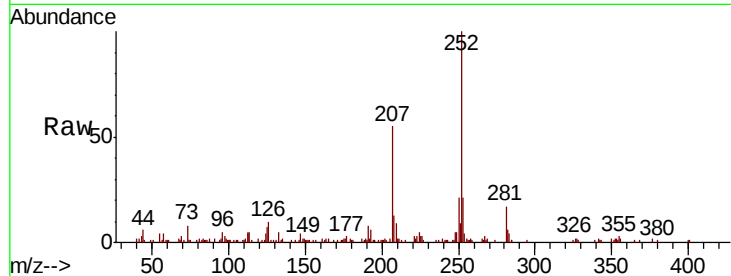
ClientSampled :

BFMG1

Tot Ion:	252	Resp:	41340
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.5	27.7
125	7.3	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 1.879 ng/ul

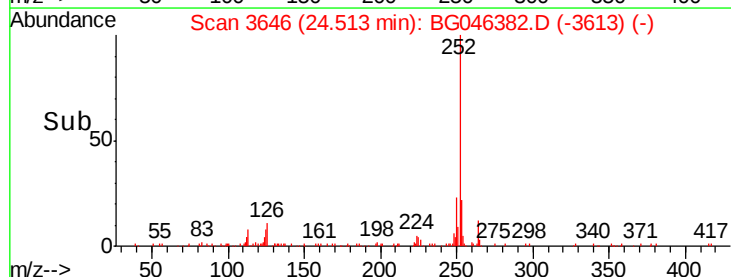
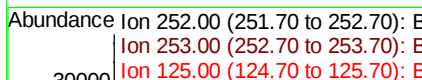
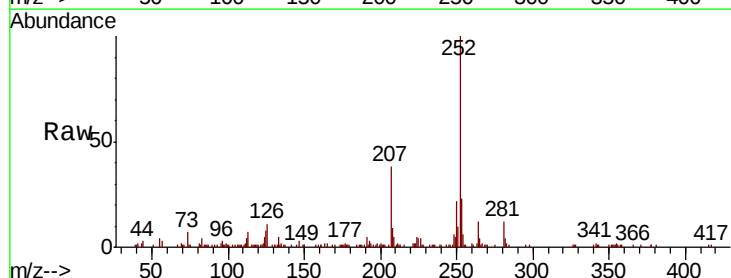
RT: 24.51 min Scan# 3646

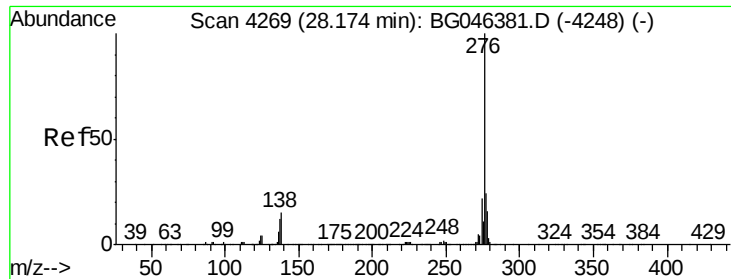
Delta R.T. -0.00 min

Lab File: BG046382.D

Acq: 20 Aug 2020 17:14

Tgt Ion:	252	Resp:	64843
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	7.7	7.1	10.7





#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.006 ng/ul m
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046382.D
 Acq: 20 Aug 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :
 BFMG1

Tot Ion:	276	Resp:	43471
Ion Ratio	Lower	Upper	
276	100		
138	15.9	13.2	19.8
277	21.4	19.9	29.9

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