

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046379.D
 Acq On : 20 Aug 2020 15:13
 Operator : CG/JU
 Sample : L3634-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMF4

Manual Integrations
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Quant Time: Aug 20 15:50:59 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	90857	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	376644	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	246513	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	556831	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	545566	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	573579	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.35	165	85258	13.15	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	327656	14.44	ng/ul	0.00
10) Fluorene-d10	15.55	176	256300	14.74	ng/ul	0.00
15) Anthracene-d10	17.41	188	351332	13.61	ng/ul	0.00
19) Pyrene-d10	19.69	212	434834	15.48	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	452806	14.47	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	150995	4.929	ng/ul	99
17) Fluoranthene	19.36	202	317992	9.310	ng/ul	96
20) Pyrene	19.72	202	278004	7.763	ng/ul	97
21) Benzo(a)anthracene	21.54	228	137287	3.868	ng/ul	98
22) Chrysene	21.60	228	160582	4.680	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	213781	5.636	ng/ul#	97
25) Benzo(k)fluoranthene	23.74	252	81938m	2.178	ng/ul	
27) Benzo(a)pyrene	24.51	252	130648	3.752	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	93694	2.149	ng/ul	95
30) Benzo(g,h,i)perylene	29.26	276	82709m	2.267	ng/ul	

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

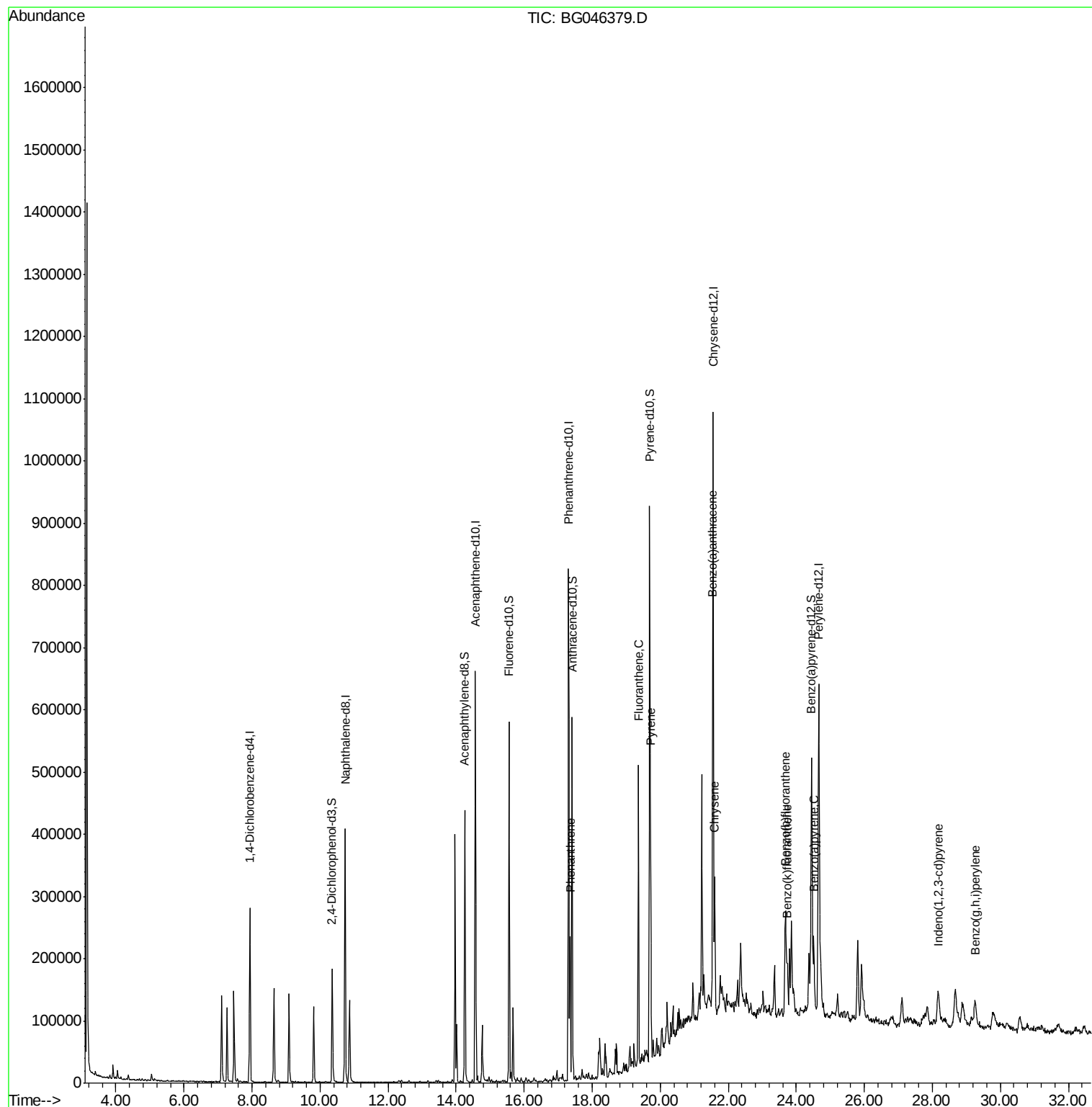
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

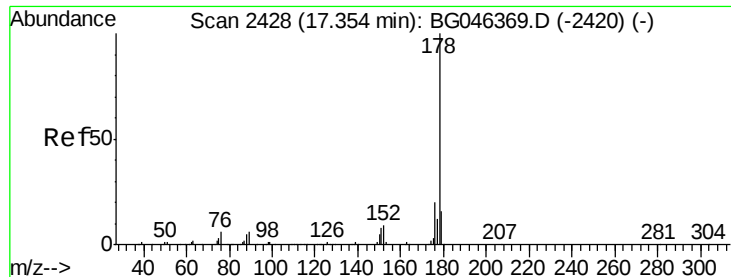
Instrument :
BNA_G
ClientSampleId :
BFMF4

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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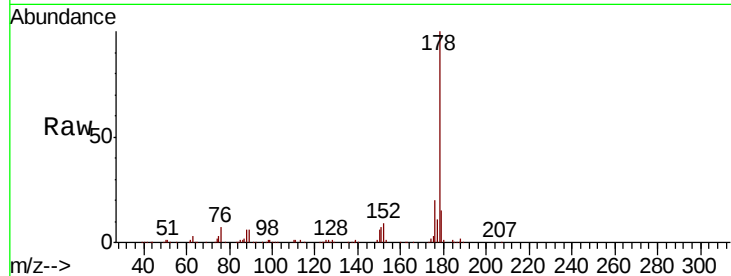
#14
Phenanthrene
Concen: 4.929 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046379.D
Acq: 20 Aug 2020 15:13

Instrument :
BNA_G
ClientSampled :
BFMF4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.9	15.8	23.8

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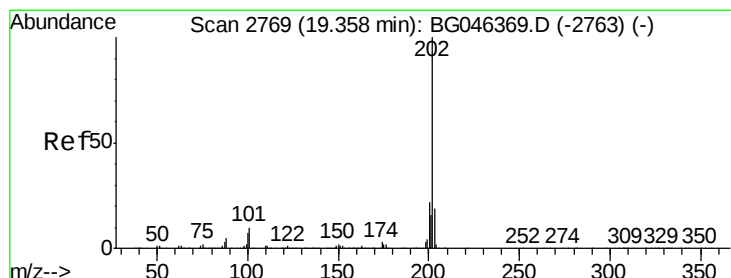
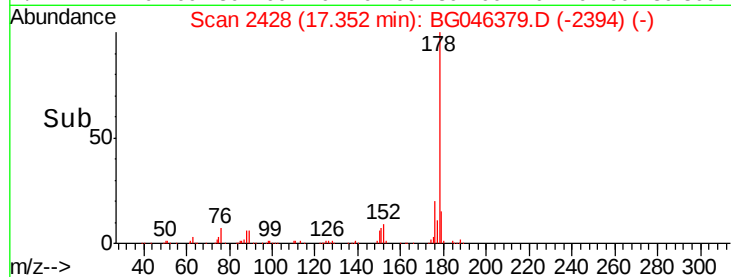
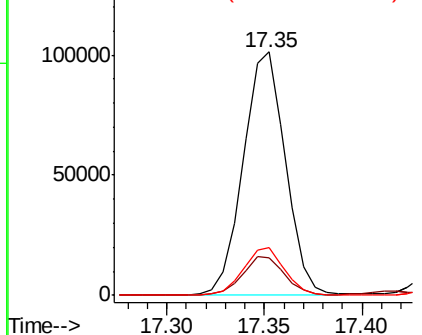


Abundance

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: 9.310 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046379.D
Acq: 20 Aug 2020 15:13

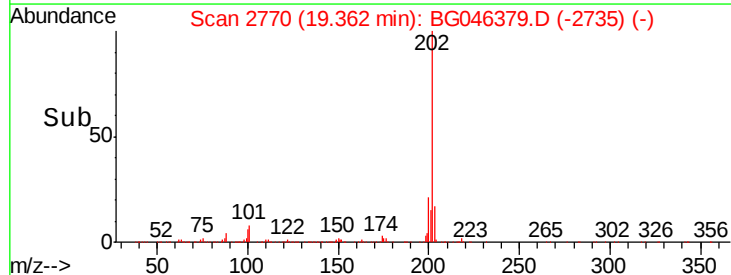
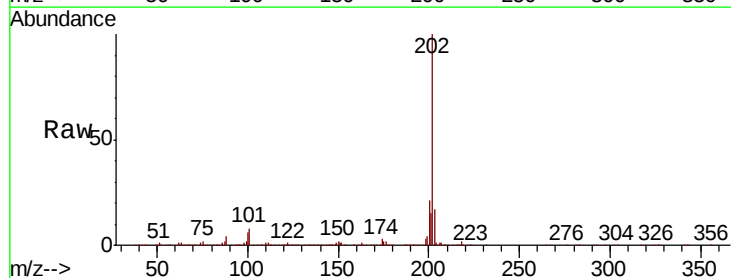
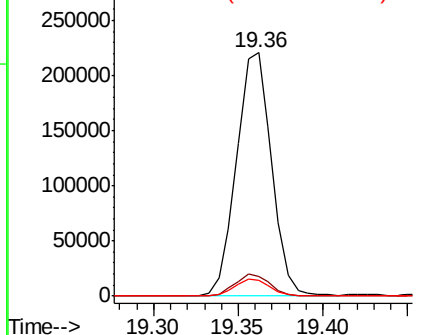
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.8	11.6
100	6.3	5.9	8.9

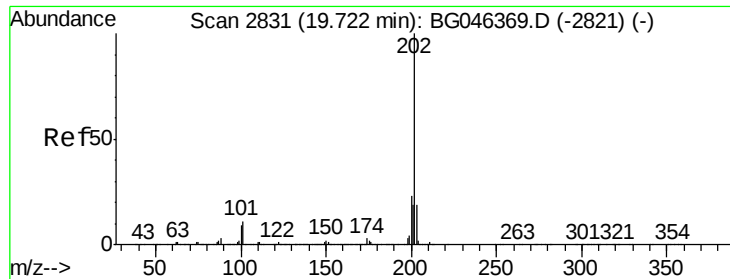
Abundance

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





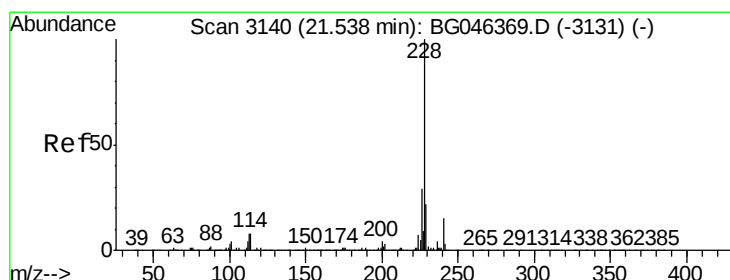
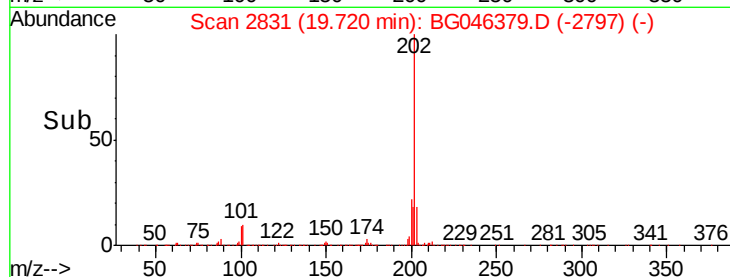
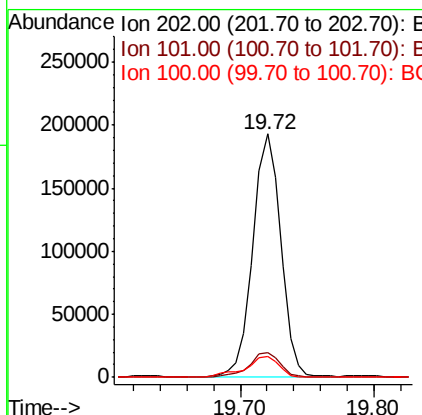
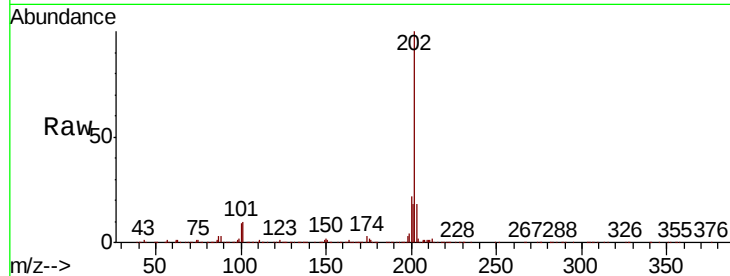
#20
Pvrene
Concen: 7.763 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046379.D
Acq: 20 Aug 2020 15:13

Instrument :
BNA_G
ClientSampleId :
BFMF4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		278004		
101	10.4	8.9	13.3		
100	8.6	7.9	11.9		

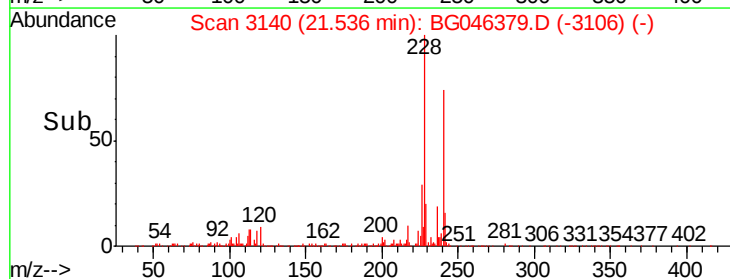
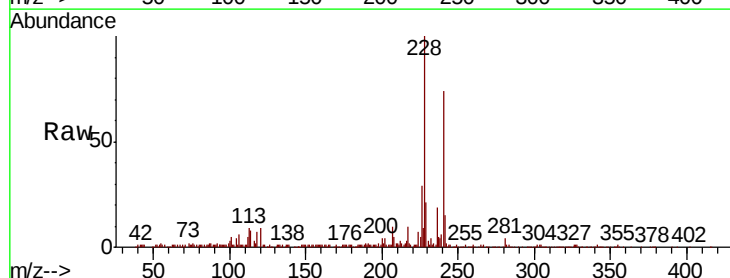
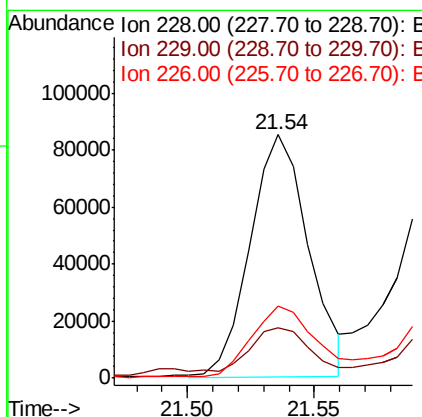
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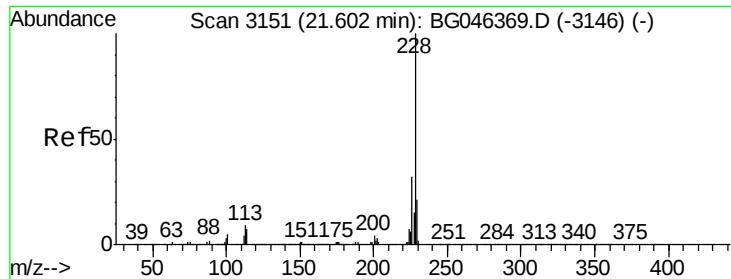
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#21
Benzo(a)anthracene
Concen: 3.868 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046379.D
Acq: 20 Aug 2020 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		137287		
229	20.5	16.6	25.0		
226	29.4	22.6	33.8		





#22

Chrysene

Concen: 4.680 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046379.D

Acq: 20 Aug 2020 15:13

Instrument :

BNA_G

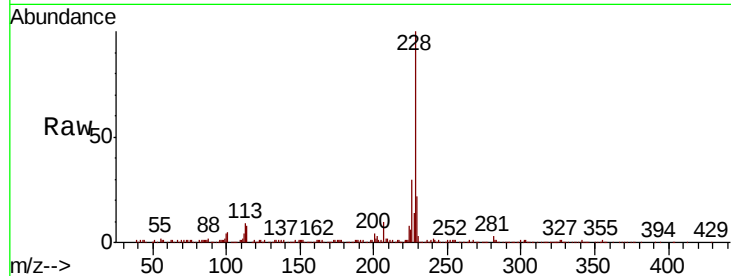
ClientSampleId :

BFMF4

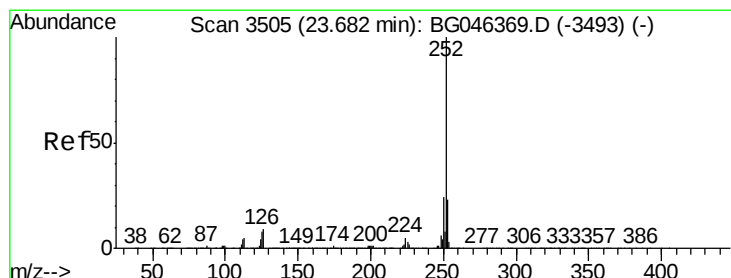
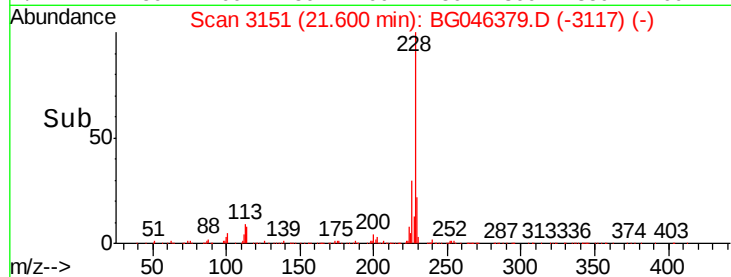
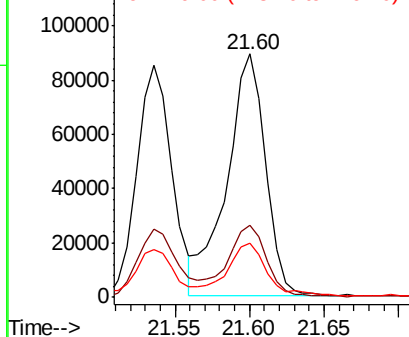
Tot Ion:	228	Resp:	160582
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.5	38.3
229	22.1	17.0	25.4

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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: 5.636 ng/ul

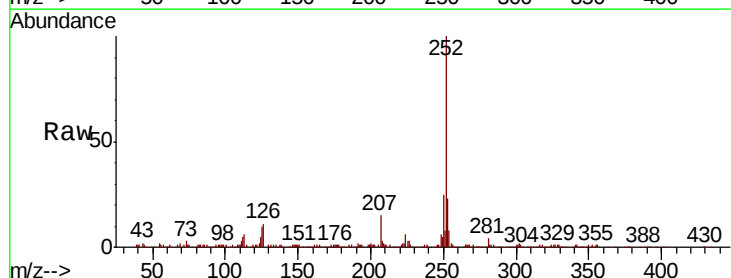
RT: 23.68 min Scan# 3505

Delta R.T. -0.00 min

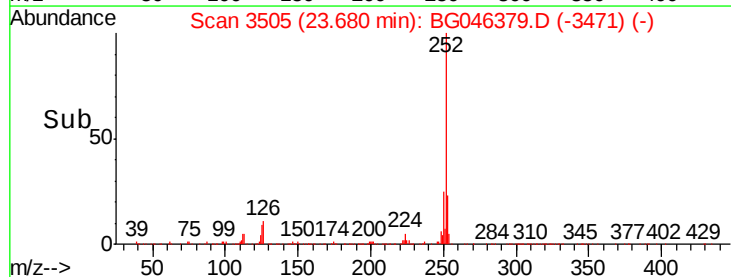
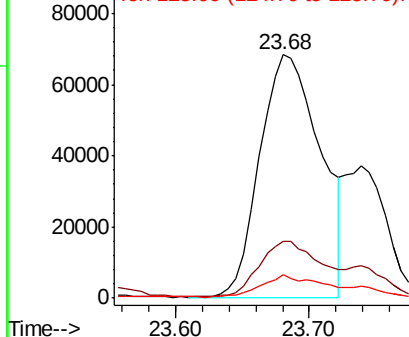
Lab File: BG046379.D

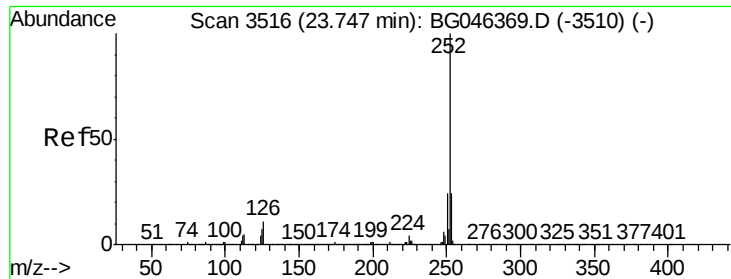
Acq: 20 Aug 2020 15:13

Tgt Ion:	252	Resp:	213781
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	9.7	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: 2.178 ng/ul

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046379.D

Acq: 20 Aug 2020 15:13

Instrument :

BNA_G

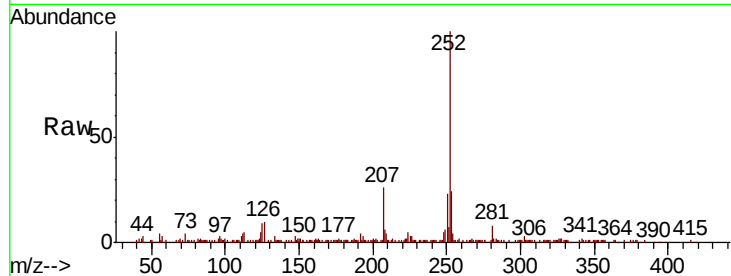
ClientSampleId :

BFMF4

Tot Ion:	252	Resp:	81938
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.5	27.7
125	9.3	6.2	9.2#

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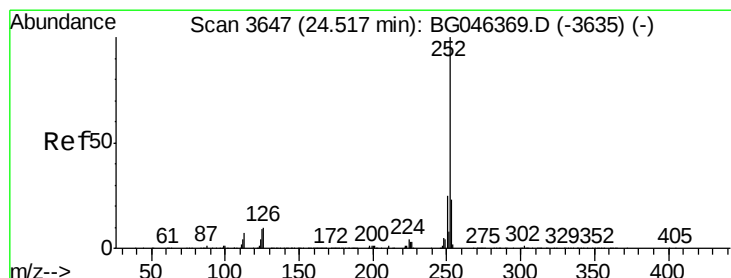
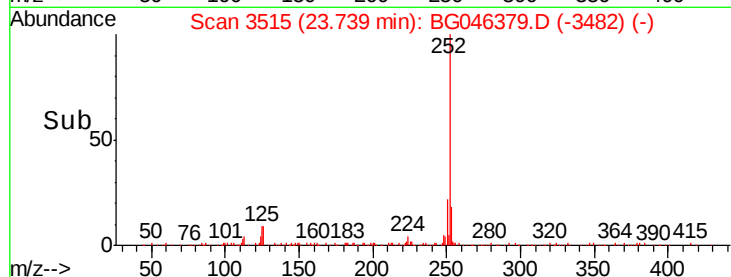
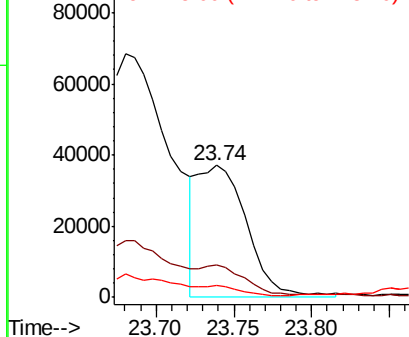


Abundance

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: 3.752 ng/ul

RT: 24.51 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046379.D

Acq: 20 Aug 2020 15:13

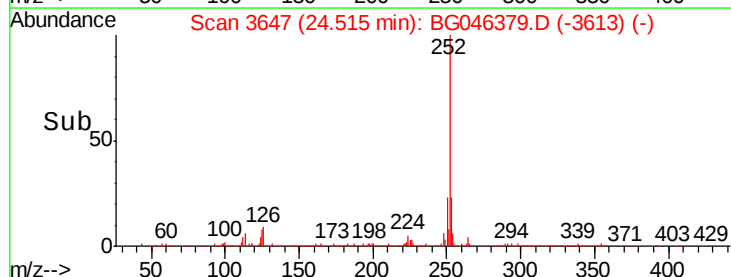
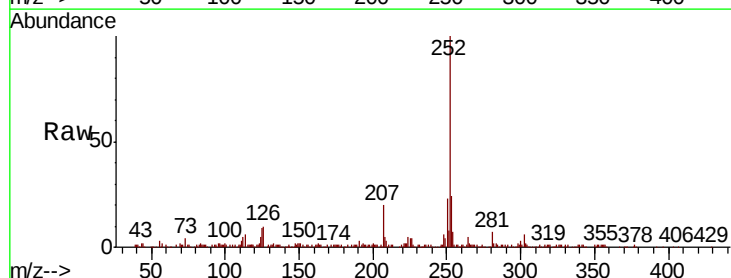
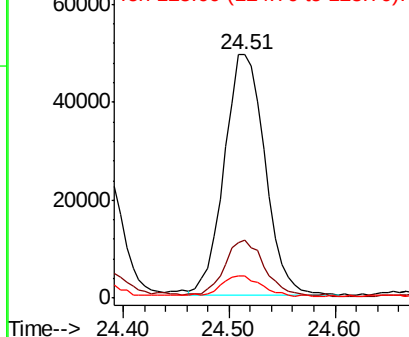
Tgt Ion:	252	Resp:	130648
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.8
125	8.9	7.1	10.7

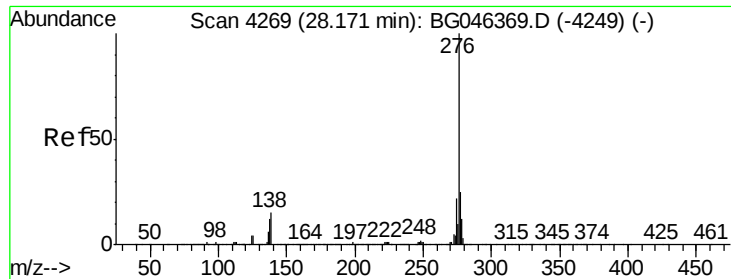
Abundance

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





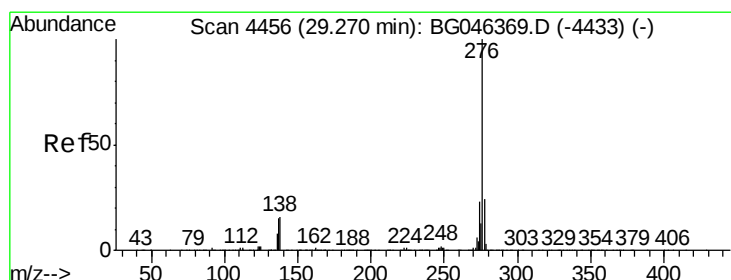
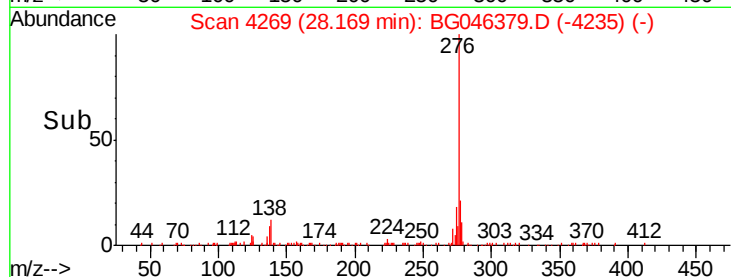
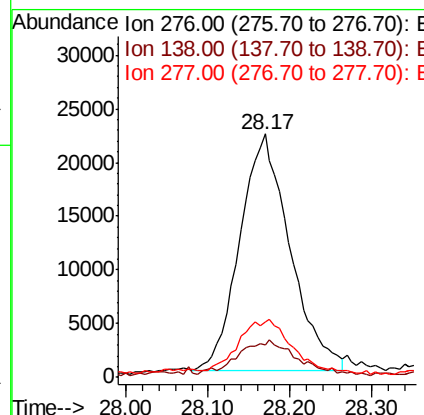
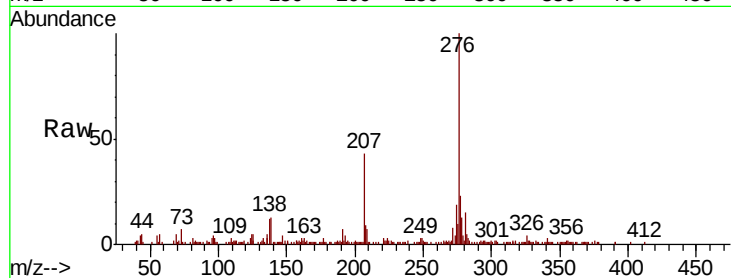
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.149 ng/ul
 RT: 28.17 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: BG046379.D
 Acq: 20 Aug 2020 15:13

Instrument :
 BNA_G
 ClientSampleId :
 BFMF4

Tot Ion:	276	Resp:	93694
Ion Ratio	Lower	Upper	
276	100		
138	13.5	13.2	19.8
277	22.9	19.9	29.9

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#30
 Benzo(g,h,i)perylene
 Concen: 2.267 ng/ul m
 RT: 29.26 min Scan# 4455
 Delta R.T. -0.01 min
 Lab File: BG046379.D
 Acq: 20 Aug 2020 15:13

Tgt Ion:	276	Resp:	82709
Ion Ratio	Lower	Upper	
276	100		
138	15.9	12.9	19.3
277	23.8	19.4	29.0

