

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046361.D
 Acq On : 20 Aug 2020 2:08
 Operator : CG/JU
 Sample : L3633-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM99

Manual Integrations
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Quant Time: Aug 20 04:15:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 04:05:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	106203	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	432178	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	289143	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	656239	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	675243	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	703634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	172975	23.24	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	640206	24.06	ng/ul	0.00
10) Fluorene-d10	15.56	176	486761	23.87	ng/ul	0.00
15) Anthracene-d10	17.41	188	708402	23.29	ng/ul	0.00
19) Pyrene-d10	19.69	212	842961	24.25	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	963445	25.09	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	326140	9.034	ng/ul	100
16) Anthracene	17.44	178	50066	1.374	ng/ul	99
17) Fluoranthene	19.36	202	590162	14.660	ng/ul	100
20) Pyrene	19.72	202	531255	11.986	ng/ul	98
21) Benzo(a)anthracene	21.54	228	287470	6.543	ng/ul	97
22) Chrysene	21.60	228	294822	6.942	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	405845	8.722	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	128947m	2.794	ng/ul	
27) Benzo(a)pyrene	24.52	252	266845	6.247	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	185318	3.465	ng/ul	98
29) Dibenzo(a,h)anthracene	28.20	278	48117m	1.110	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	147929	3.305	ng/ul	99

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

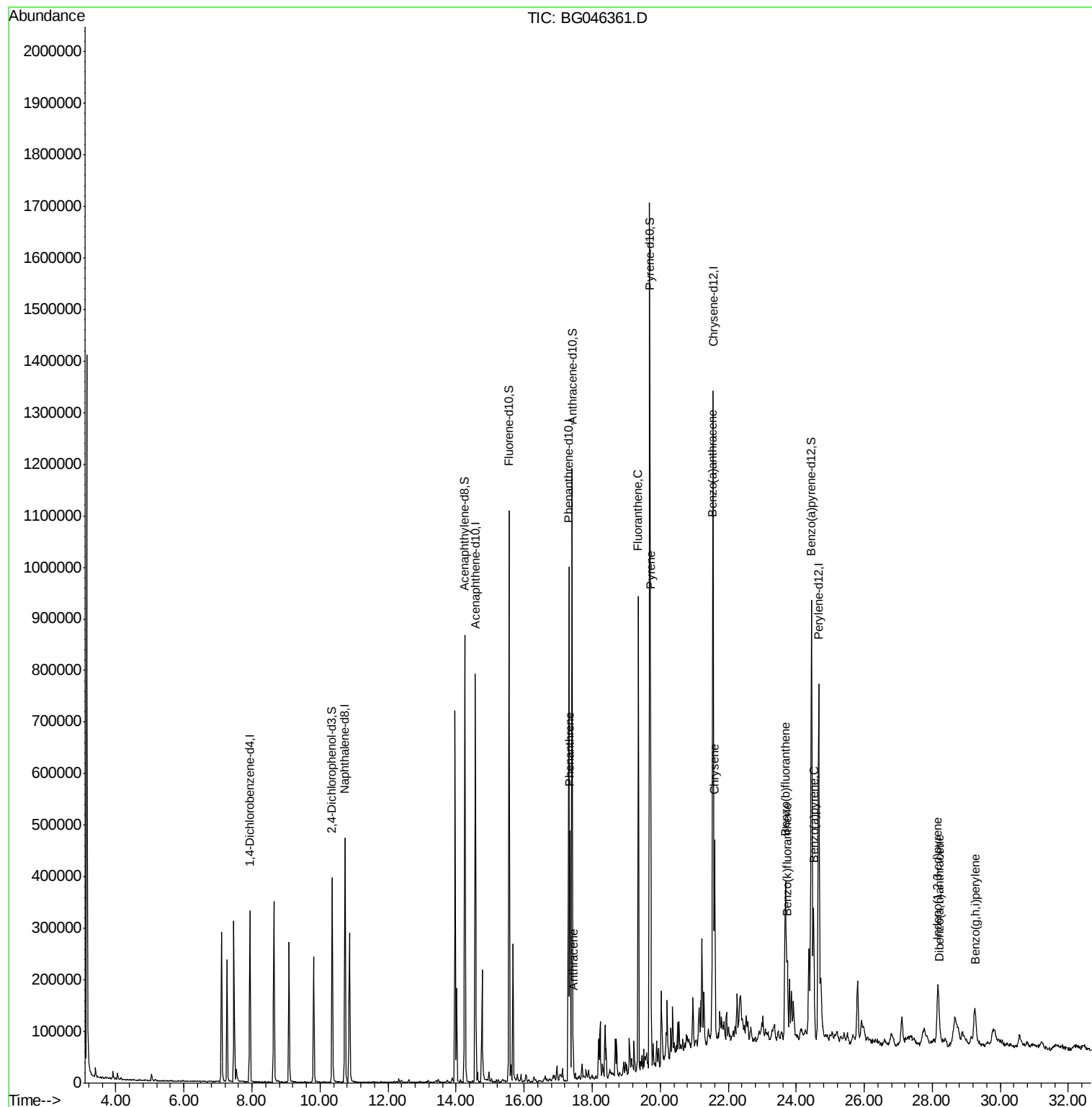
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046361.D
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Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

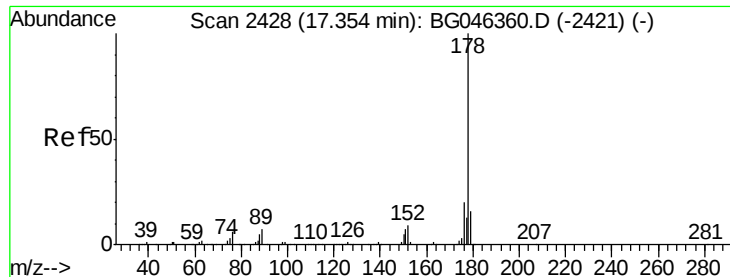
Instrument :
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BFM99

Quant Time: Aug 20 04:15:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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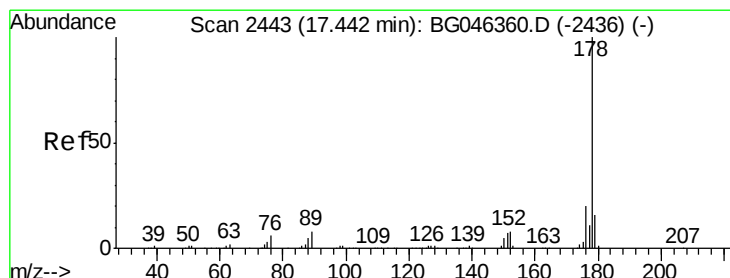
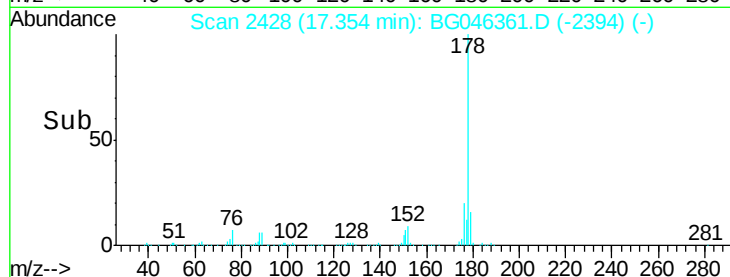
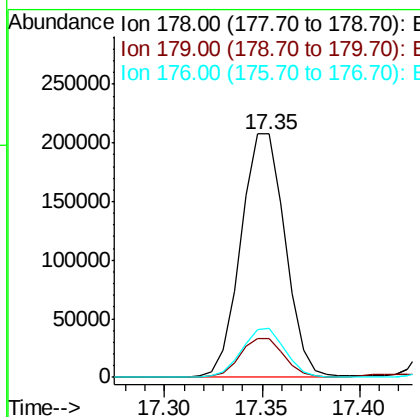
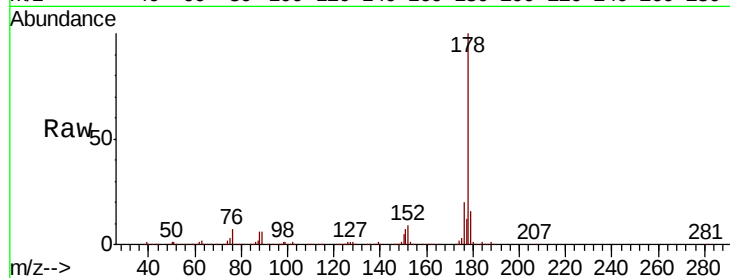
#14
Phenanthrene
Concen: 9.034 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

Instrument :
BNA_G
ClientSampled :
BFM99

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.9	15.8	23.8

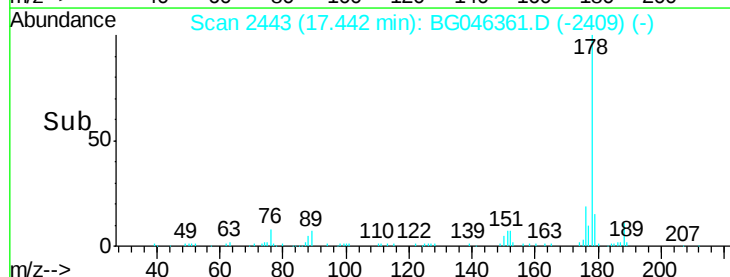
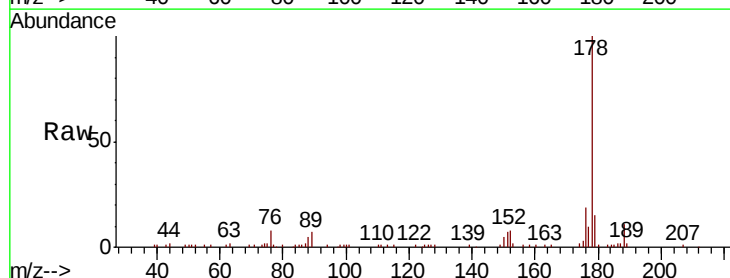
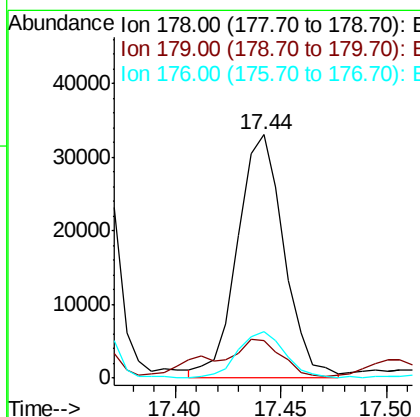
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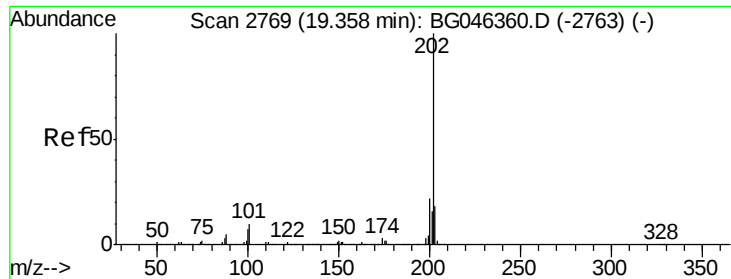
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#16
Anthracene
Concen: 1.374 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.2	19.8
176	19.0	15.2	22.8





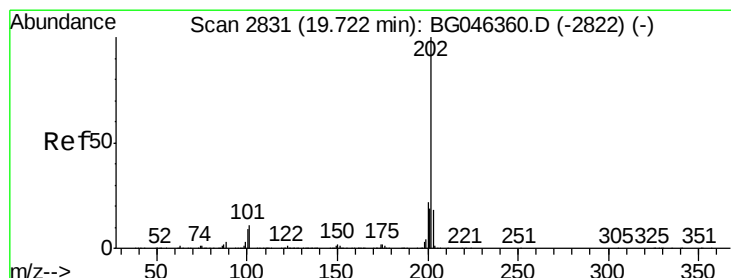
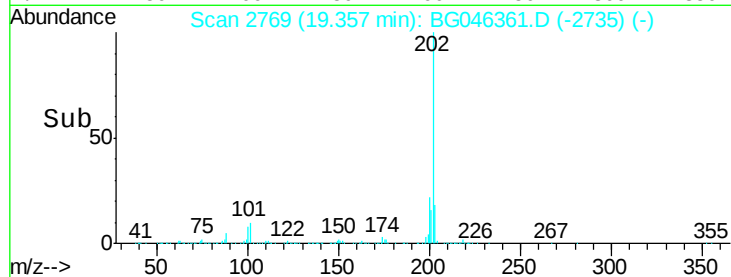
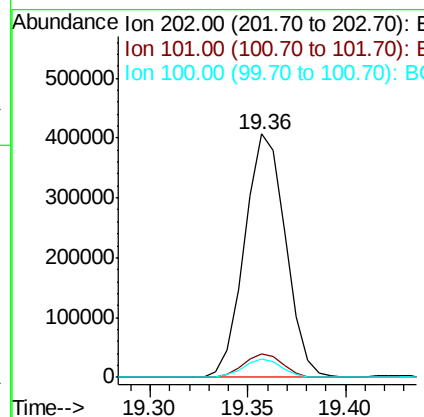
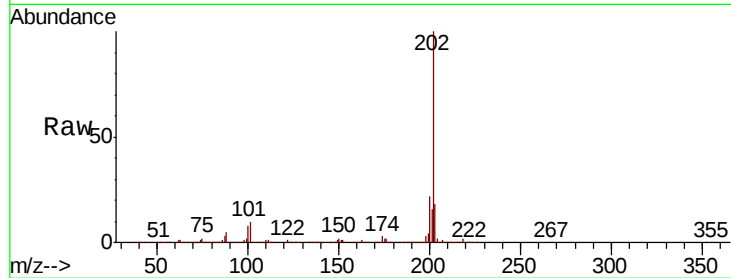
#17
Fluoranthene
 Concen: 14.660 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046361.D
 Acq: 20 Aug 2020 2:08

Instrument :
 BNA_G
 ClientSampled :
 BFM99

Tot Ion:	202	Resp:	590162
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.8	11.6
100	7.7	5.9	8.9

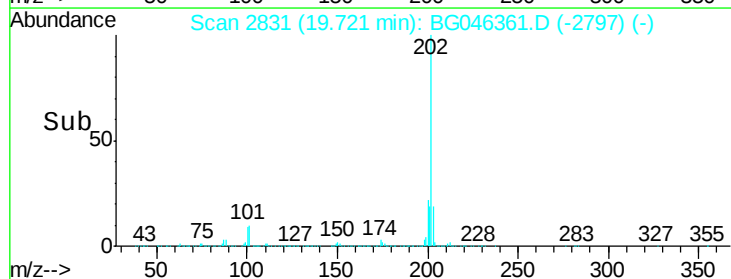
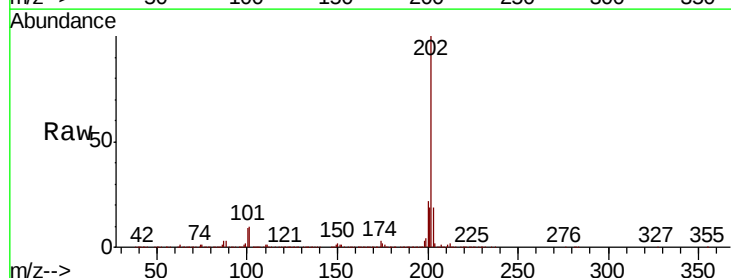
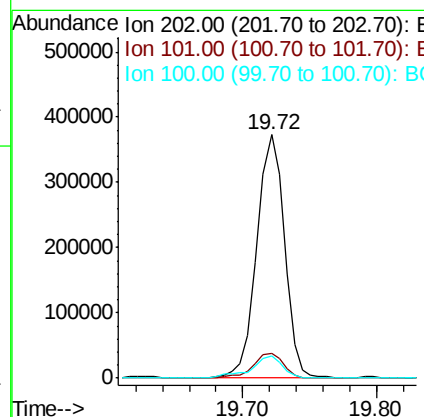
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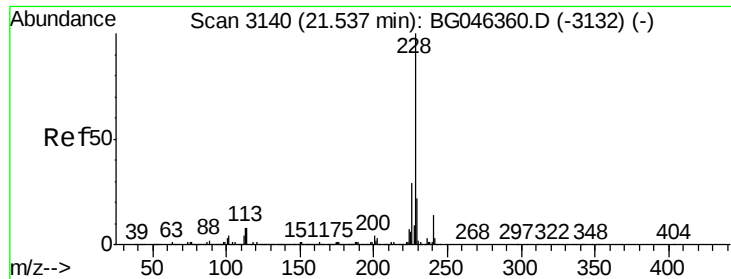
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#20
Pyrene
 Concen: 11.986 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046361.D
 Acq: 20 Aug 2020 2:08

Tgt Ion:	202	Resp:	531255
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.9	13.3
100	9.0	7.9	11.9





#21

Benzo(a)anthracene

Concen: 6.543 ng/ul

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Instrument :

BNA_G

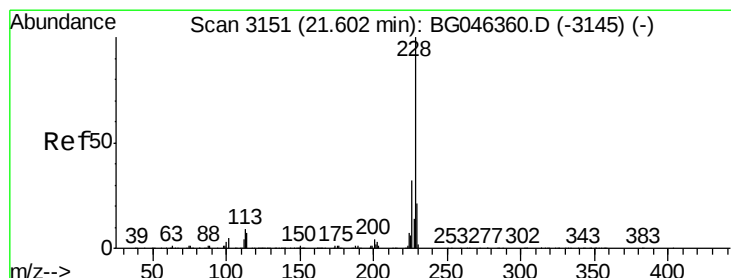
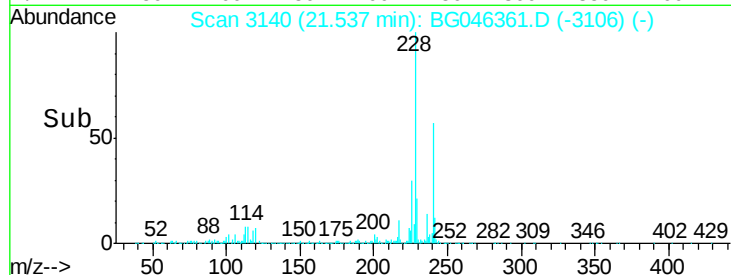
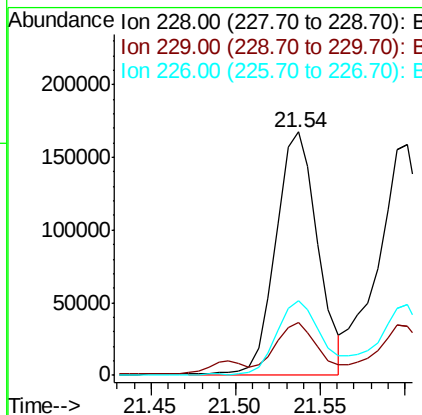
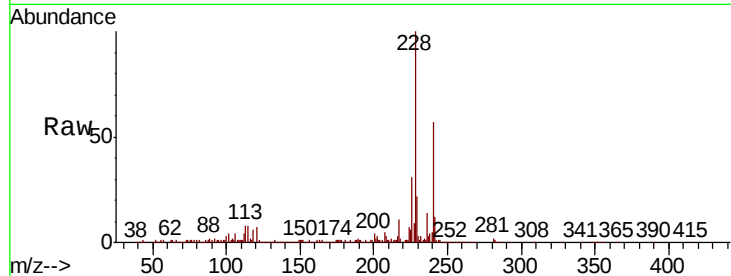
ClientSampleId :

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Tot Ion:	228	Resp:	287470
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.6	25.0
226	30.5	22.6	33.8

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#22

Chrysene

Concen: 6.942 ng/ul

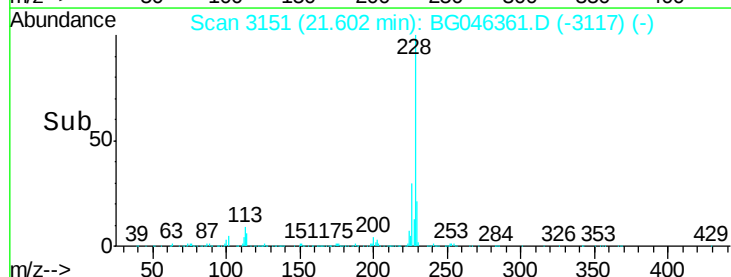
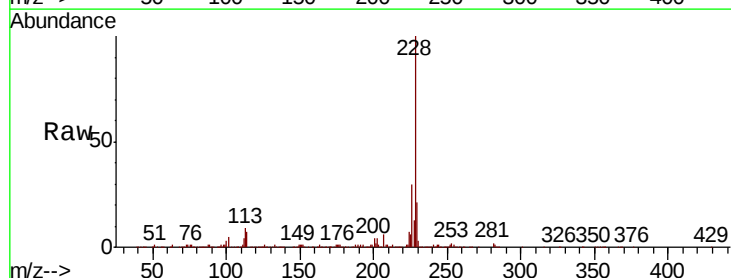
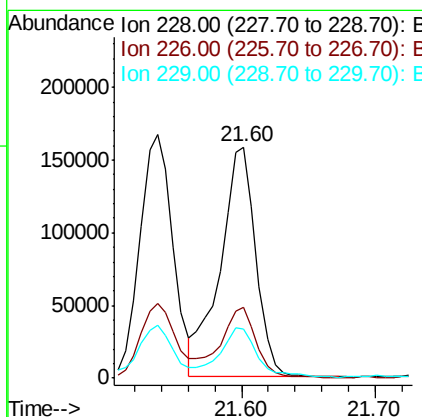
RT: 21.60 min Scan# 3151

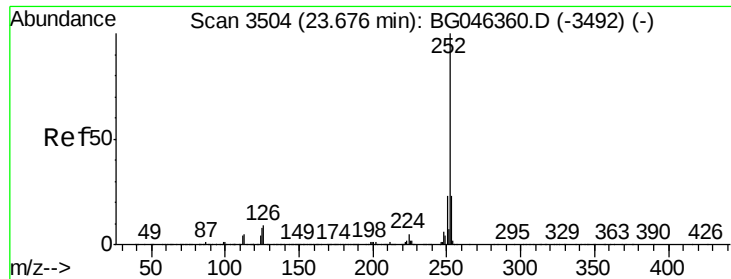
Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Tgt Ion:	228	Resp:	294822
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.5	38.3
229	21.1	17.0	25.4





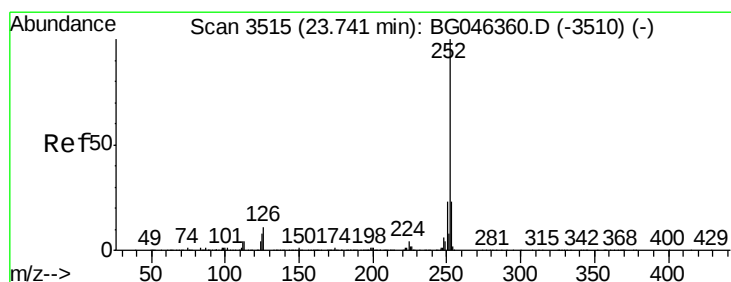
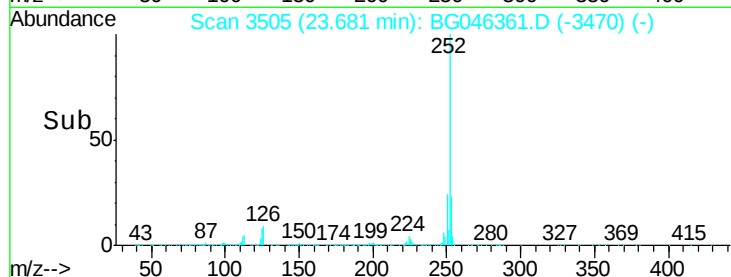
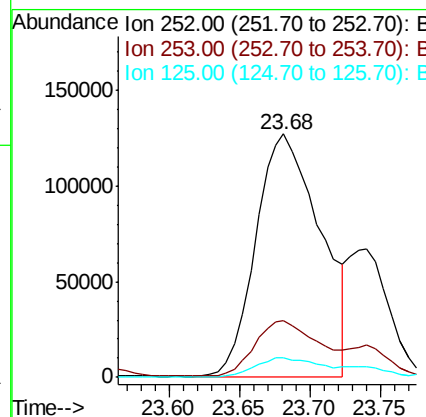
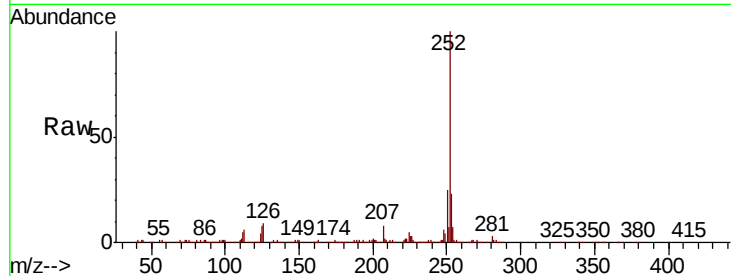
#24
Benzo(b)fluoranthene
Concen: 8.722 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

Instrument :
BNA_G
ClientSampleId :
BFM99

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	7.8	6.4	9.6

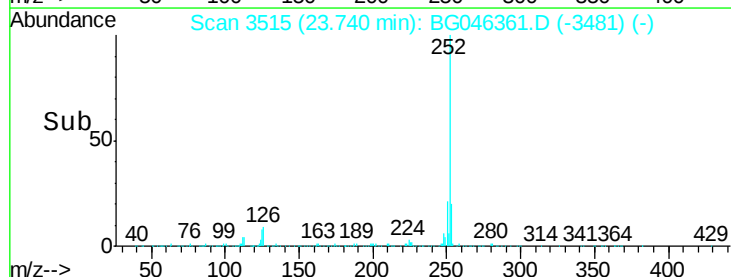
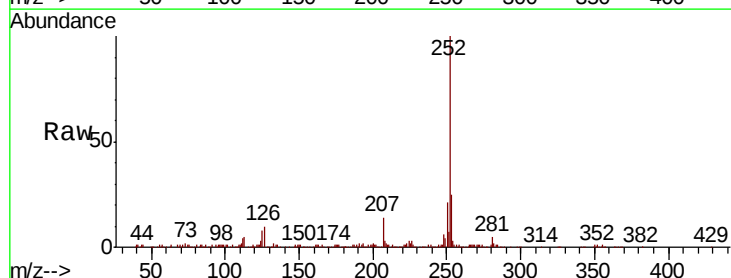
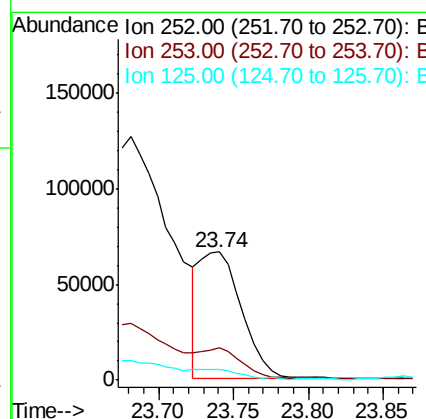
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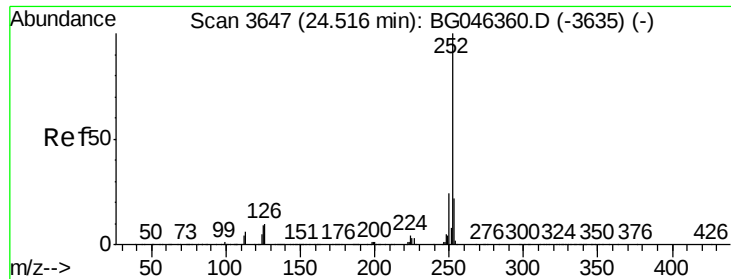
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#25
Benzo(k)fluoranthene
Concen: 2.794 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.5	27.7
125	8.3	6.2	9.2





#27

Benzo(a)pyrene

Concen: 6.247 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Instrument :

BNA_G

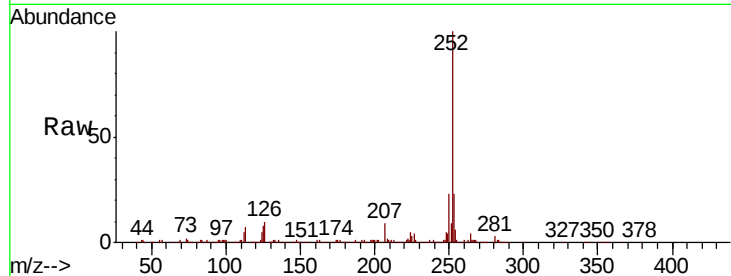
ClientSampled :

BFM99

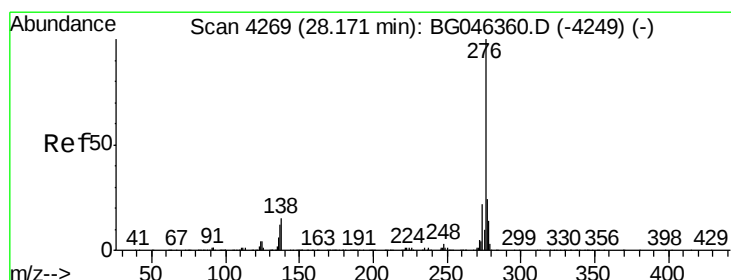
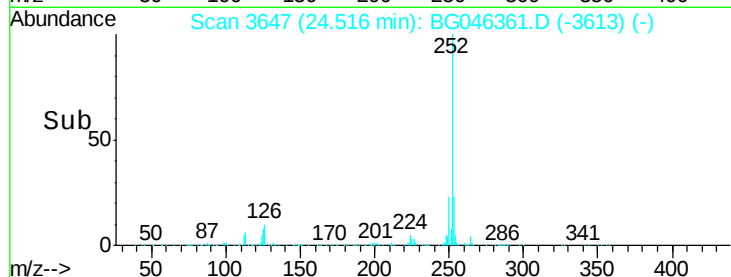
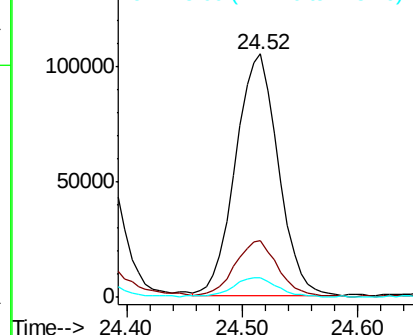
Tot Ion:	252	Resp:	266845
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.0	7.1	10.7

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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



#28

Indeno(1,2,3-cd)pyrene

Concen: 3.465 ng/ul

RT: 28.16 min Scan# 4268

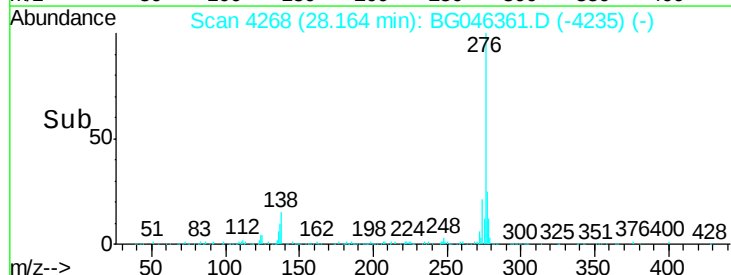
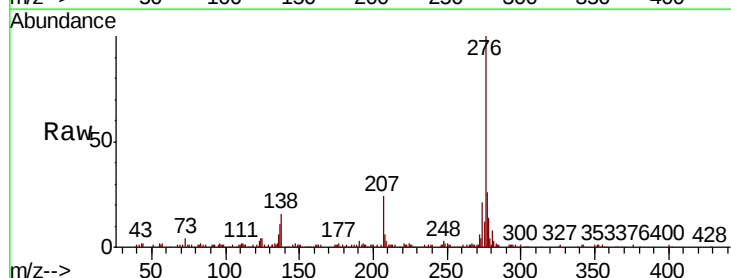
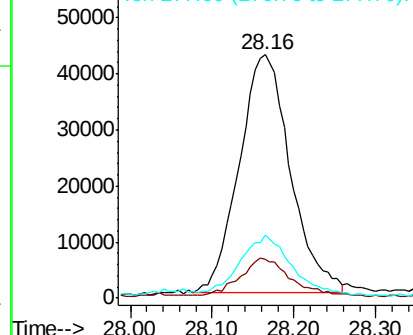
Delta R.T. -0.01 min

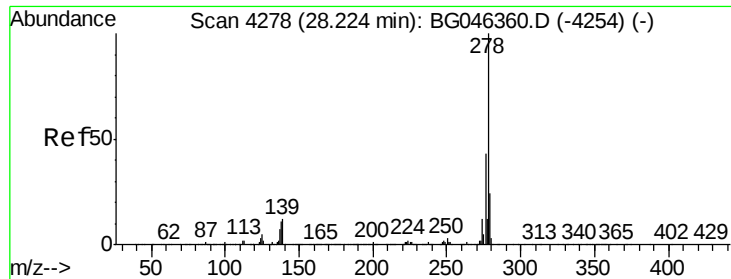
Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Tgt Ion:	276	Resp:	185318
Ion Ratio		Lower	Upper
276	100		
138	15.8	13.2	19.8
277	26.1	19.9	29.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





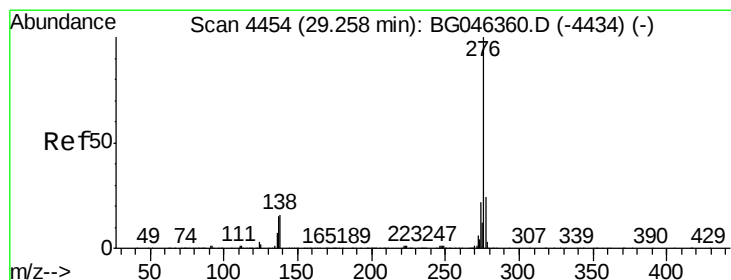
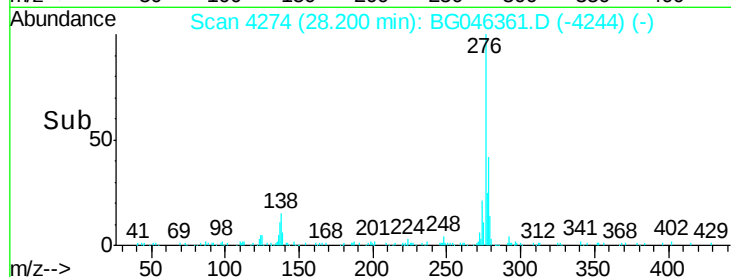
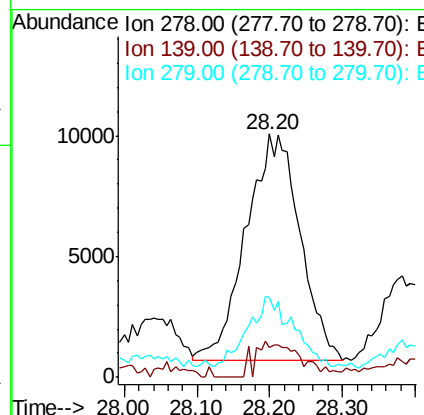
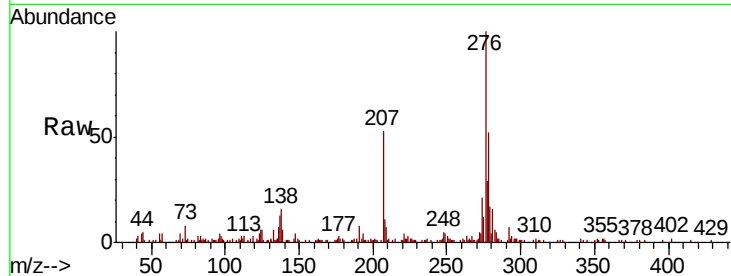
#29
Dibenzo(a,h)anthracene
Concen: 1.110 ng/ul m
RT: 28.20 min Scan# 4274
Delta R.T. -0.02 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

Instrument :
BNA_G
ClientSampleId :
BFM99

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.8
279	33.0	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 3.305 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.00 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.9	19.3
277	23.7	19.4	29.0

