

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046362.D
 Acq On : 20 Aug 2020 2:48
 Operator : CG/JU
 Sample : L3633-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME7

Manual Integrations
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Quant Time: Aug 20 04:32:38 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	109044	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	433583	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	287088	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	679213	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	722431	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	767523	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	185078	24.79	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	692651	26.22	ng/ul	0.00
10) Fluorene-d10	15.56	176	533552	26.35	ng/ul	0.00
15) Anthracene-d10	17.41	188	790654	25.11	ng/ul	0.00
19) Pyrene-d10	19.69	212	970235	26.09	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	1134180	27.08	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	348070	9.315	ng/ul	99
16) Anthracene	17.44	178	56293	1.493	ng/ul	96
17) Fluoranthene	19.36	202	625137	15.004	ng/ul	99
20) Pyrene	19.72	202	577535	12.179	ng/ul	97
21) Benzo(a)anthracene	21.53	228	312175	6.642	ng/ul	99
22) Chrysene	21.60	228	323737	7.125	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	447708	8.821	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	138284m	2.747	ng/ul	
27) Benzo(a)pyrene	24.52	252	295178	6.335	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.16	276	197137	3.379	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	49163m	1.039	ng/ul	
30) Benzo(a,h,i)perylene	29.25	276	155572	3.186	ng/ul	96

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

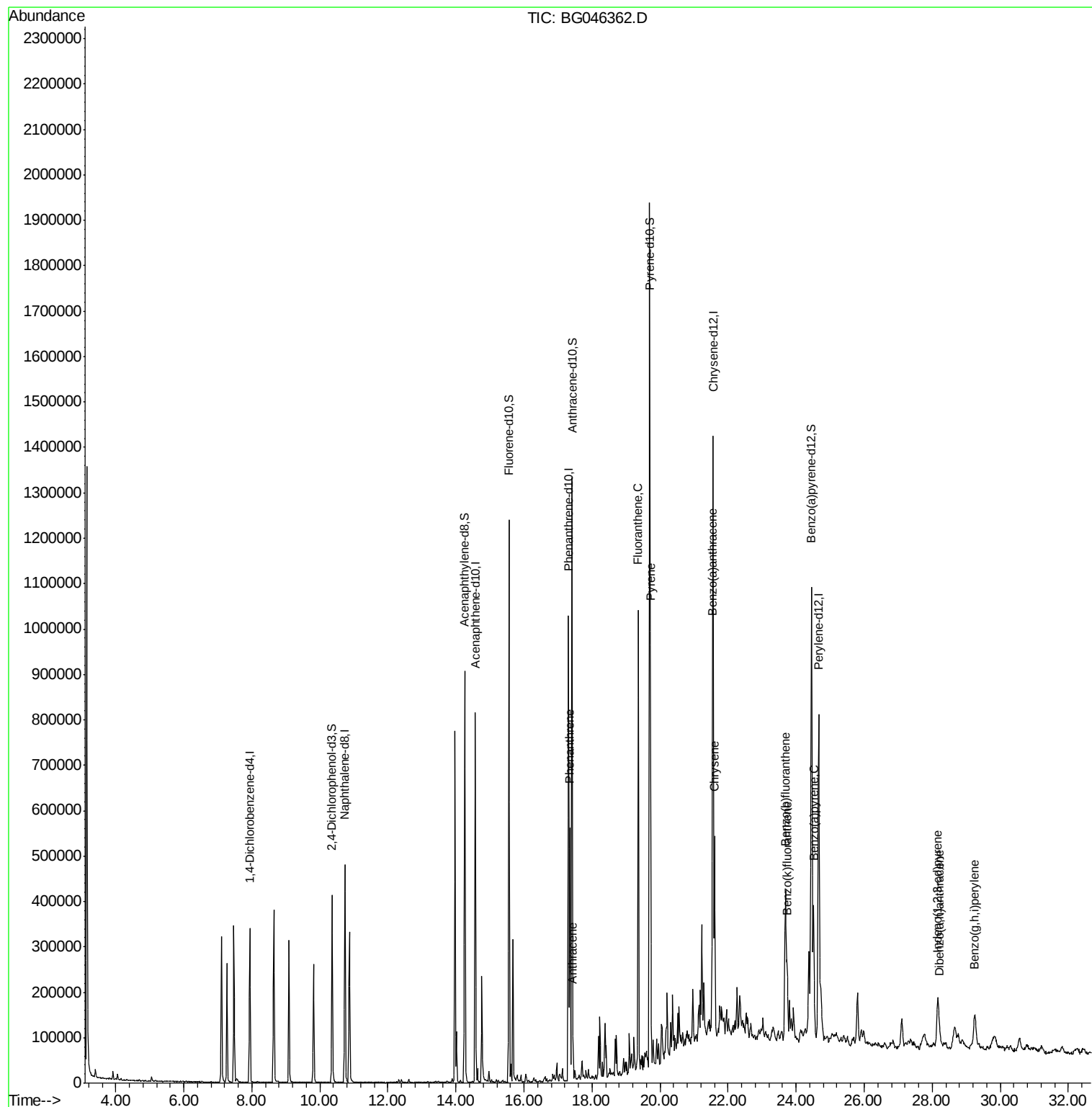
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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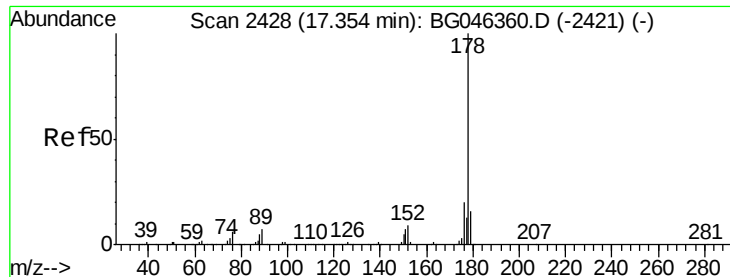
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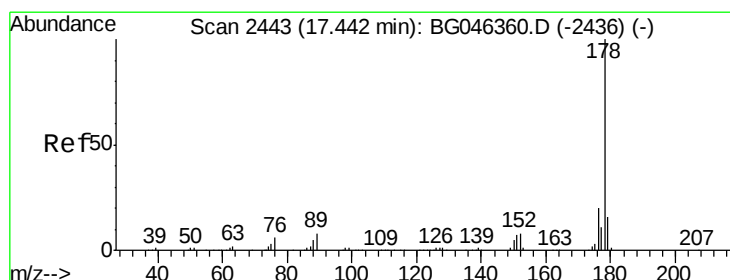
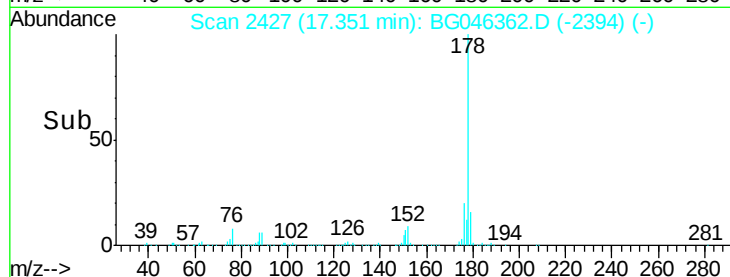
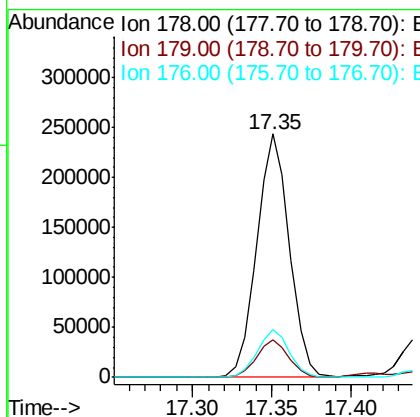
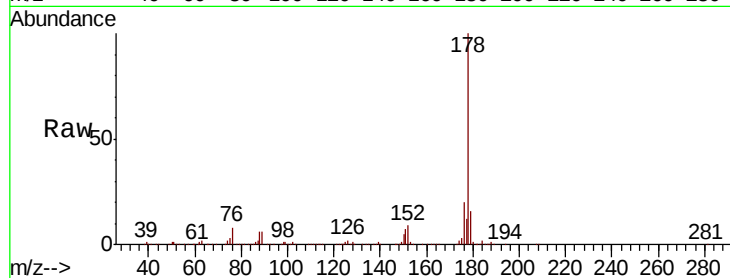
#14
Phenanthrene
Concen: 9.315 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :
BFME7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.7	15.8	23.8

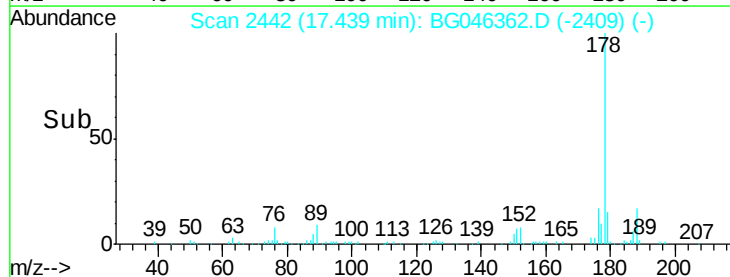
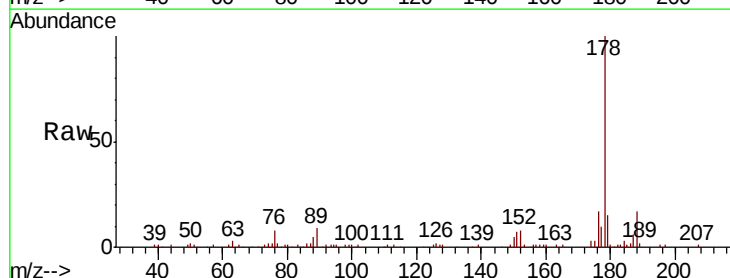
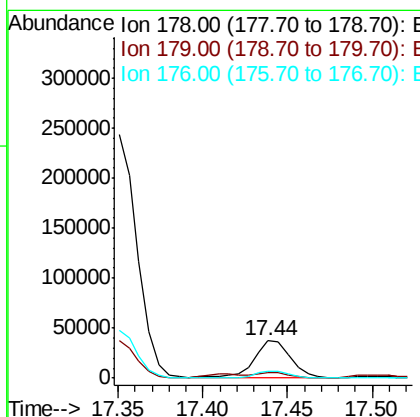
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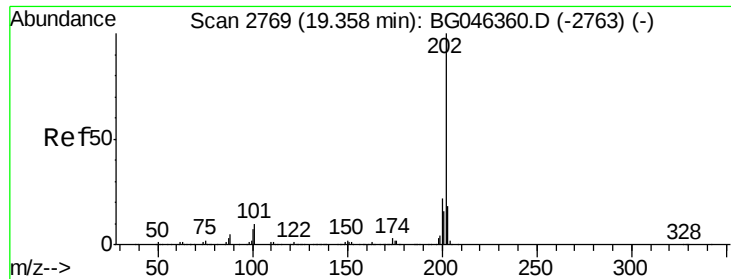
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#16
Anthracene
Concen: 1.493 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.2	19.8
176	16.9	15.2	22.8





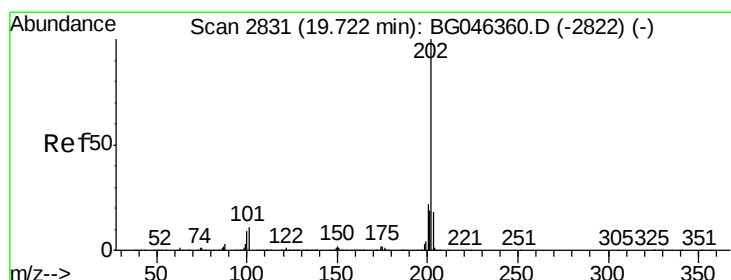
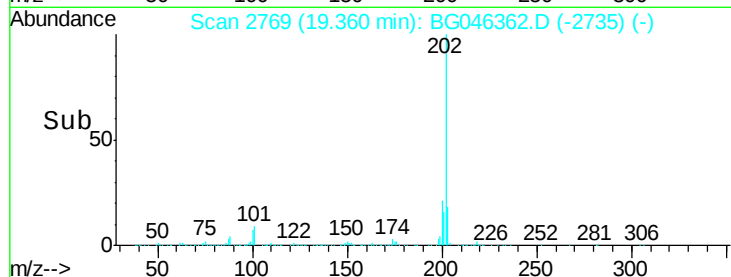
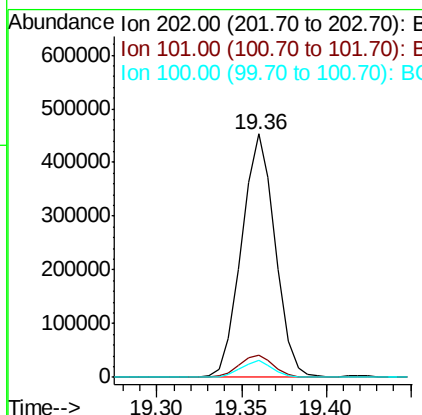
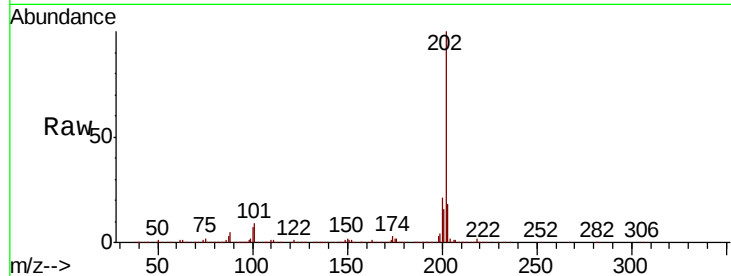
#17
Fluoranthene
 Concen: 15.004 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: BG046362.D
 Acq: 20 Aug 2020 2:48

Instrument :
 BNA_G
 ClientSampleId :
 BFME7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		625137		
101	9.2	7.8	11.6		
100	7.1	5.9	8.9		

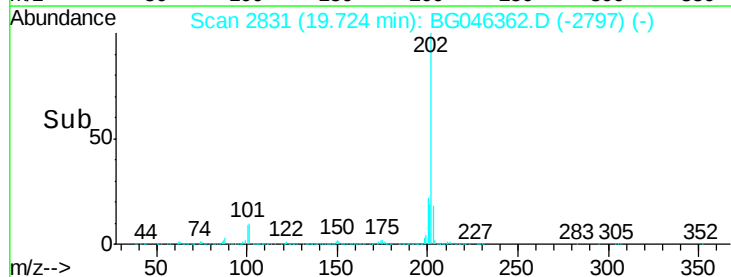
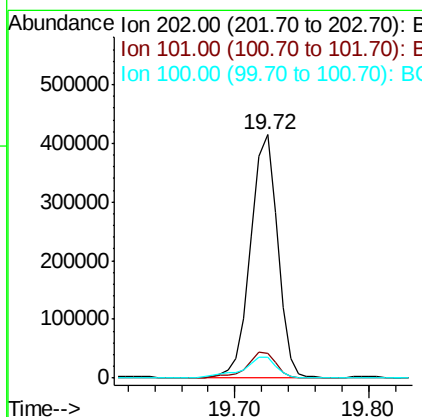
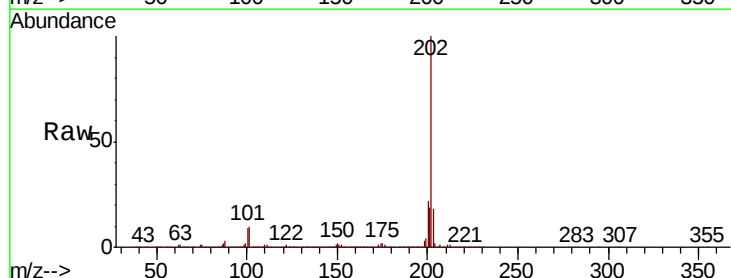
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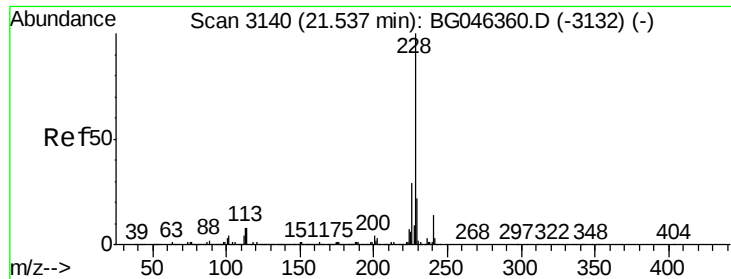
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#20
Pyrene
 Concen: 12.179 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BG046362.D
 Acq: 20 Aug 2020 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		577535		
101	10.3	8.9	13.3		
100	8.8	7.9	11.9		





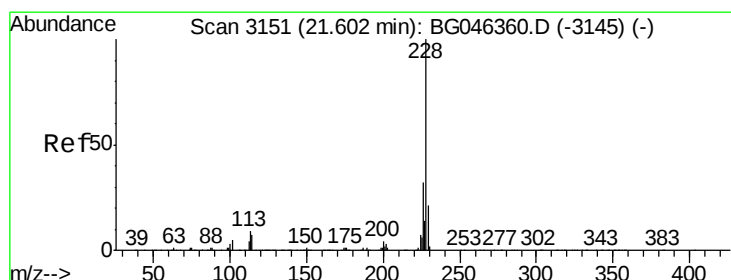
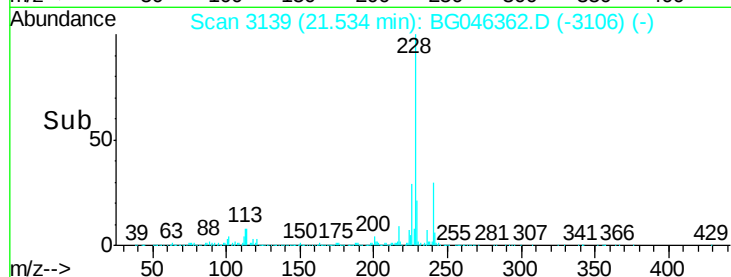
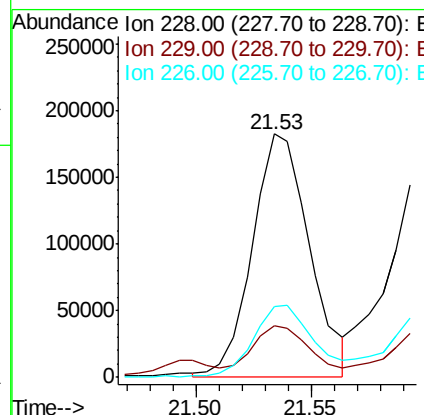
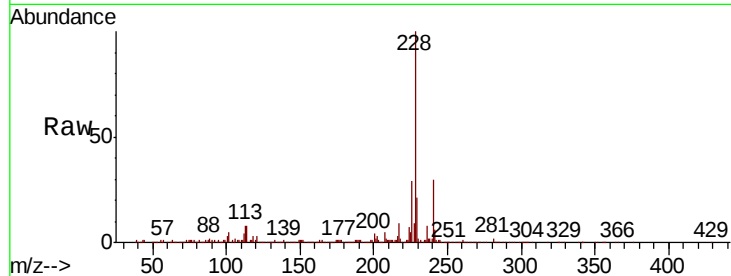
#21
Benzo(a)anthracene
Concen: 6.642 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Instrument :
BNA_G
ClientSampled :
BFME7

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	28.9	22.6	33.8

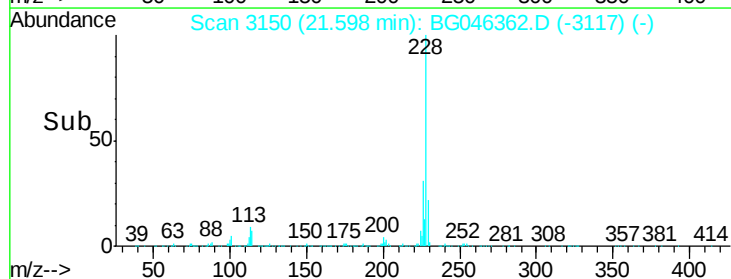
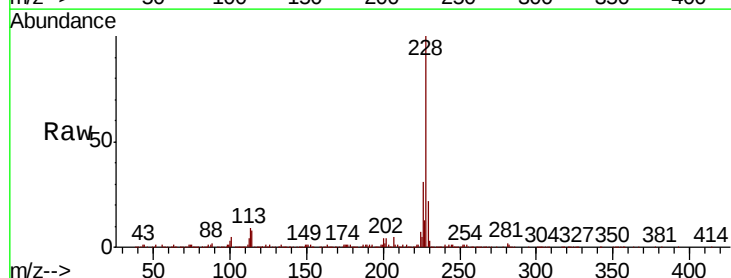
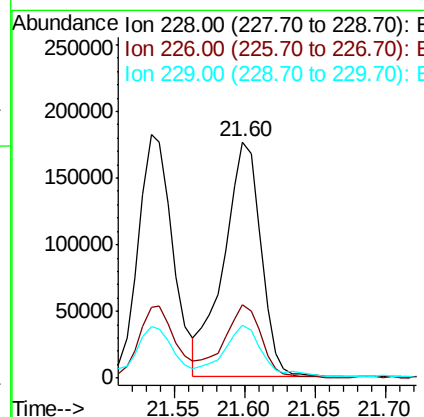
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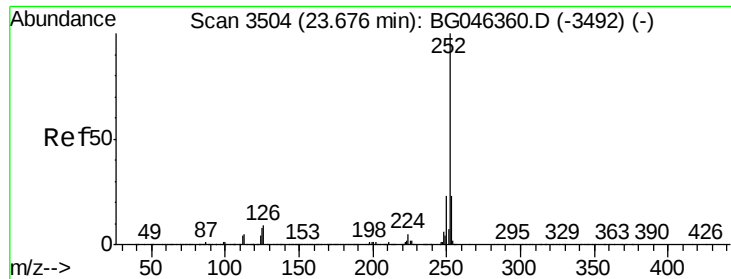
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#22
Chrysene
Concen: 7.125 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	22.4	17.0	25.4





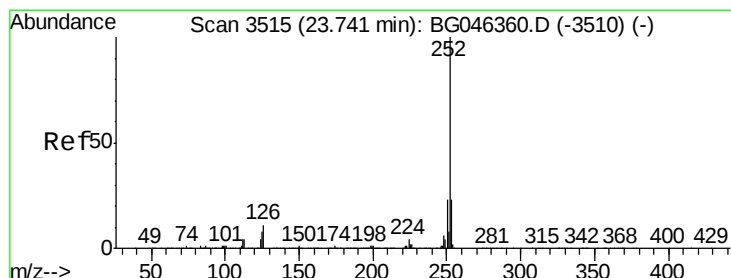
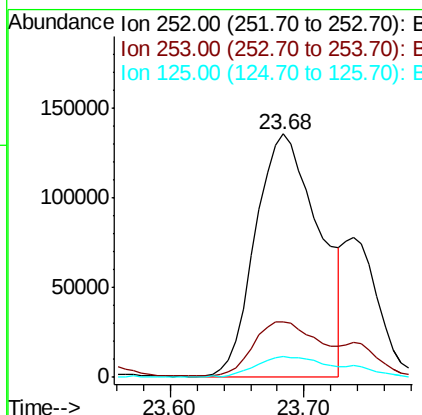
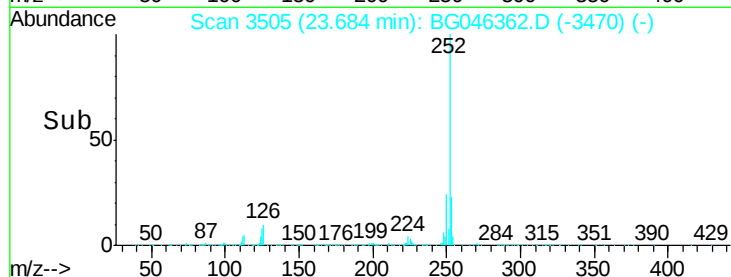
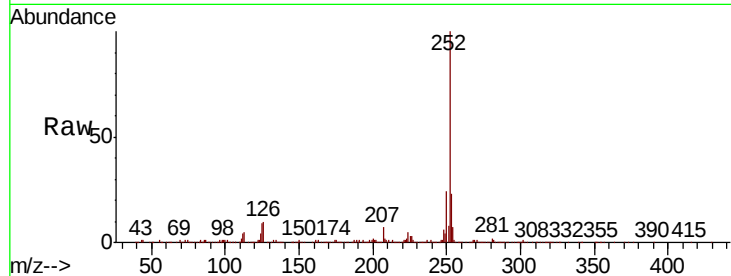
#24
Benzo(b)fluoranthene
Concen: 8.821 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :
BFME7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.5	6.4	9.6

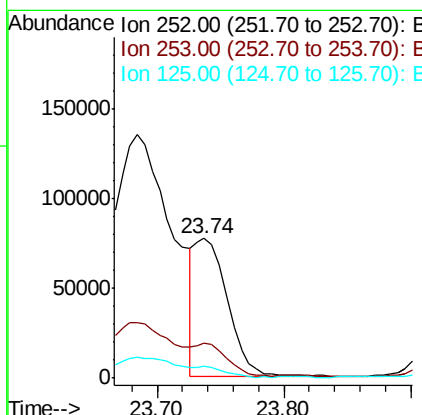
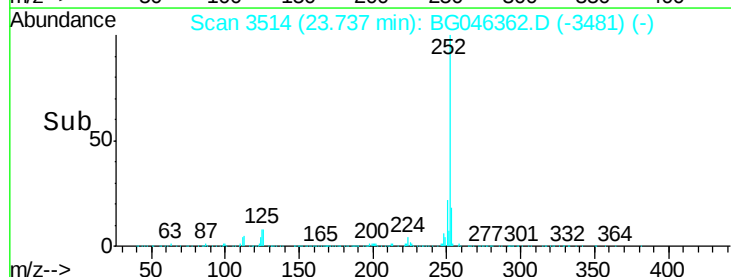
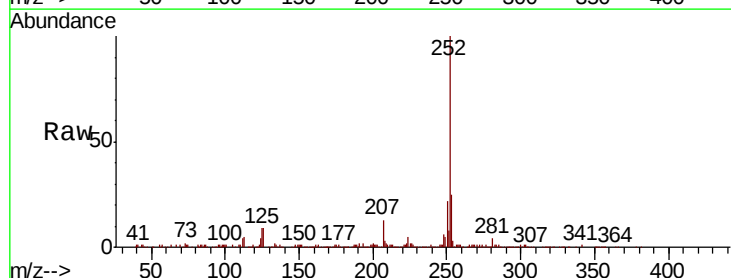
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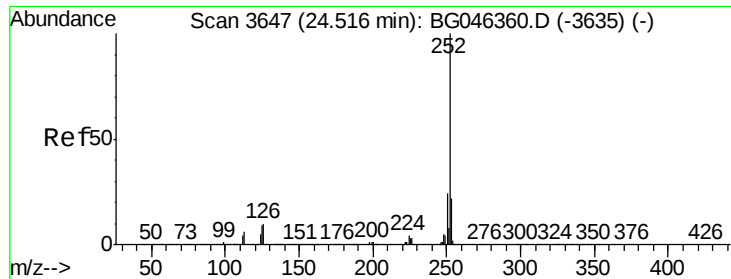
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#25
Benzo(k)fluoranthene
Concen: 2.747 ng/ul m
RT: 23.74 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	8.7	6.2	9.2





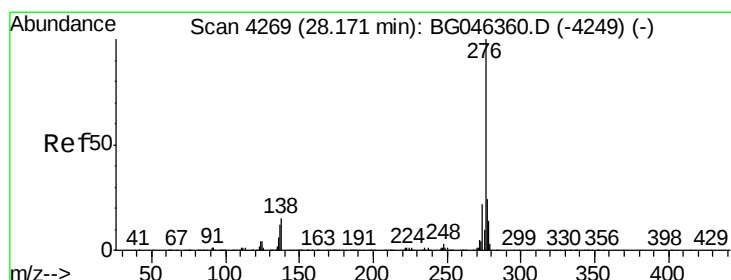
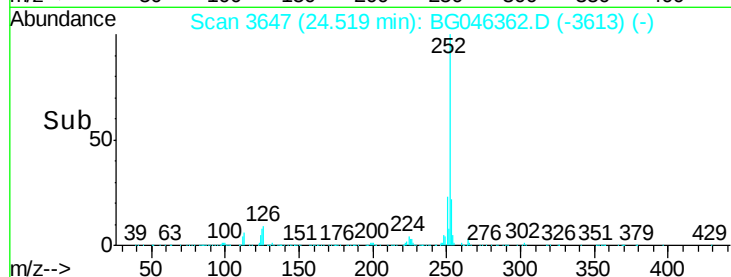
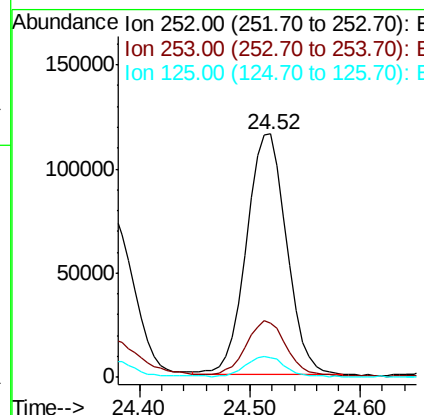
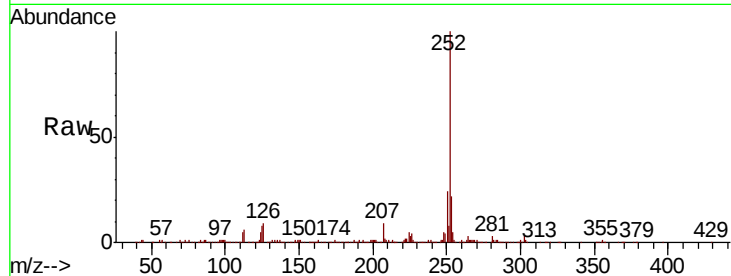
#27
Benzo(a)pyrene
Concen: 6.335 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :
BFME7

Tot Ion	Ratio	Resp	Lower	Upper
252	100	295178		
253	22.1	17.8	26.8	
125	8.1	7.1	10.7	

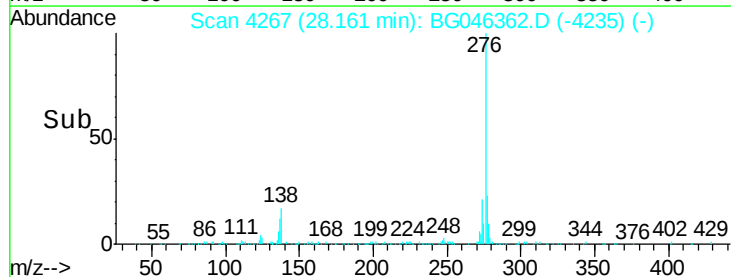
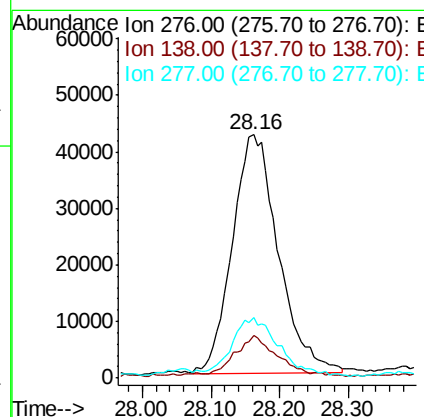
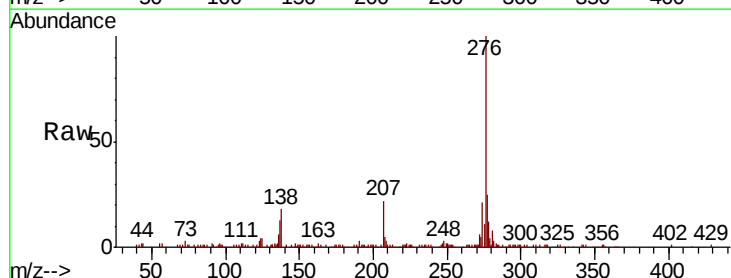
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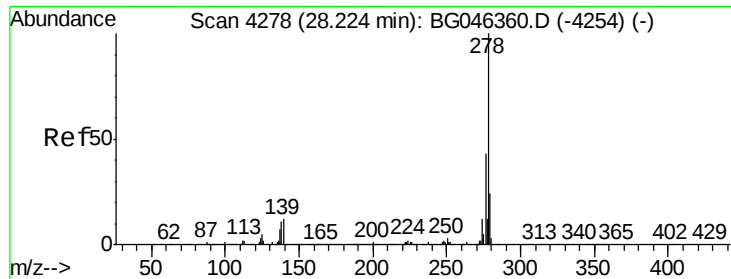
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#28
Indeno(1,2,3-cd)pyrene
Concen: 3.379 ng/ul
RT: 28.16 min Scan# 4267
Delta R.T. -0.01 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	197137		
138	17.7	13.2	19.8	
277	25.0	19.9	29.9	





#29

Dibenzo(a,h)anthracene

Concen: 1.039 ng/ul m

RT: 28.21 min Scan# 4276

Delta R.T. -0.01 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

Instrument :

BNA_G

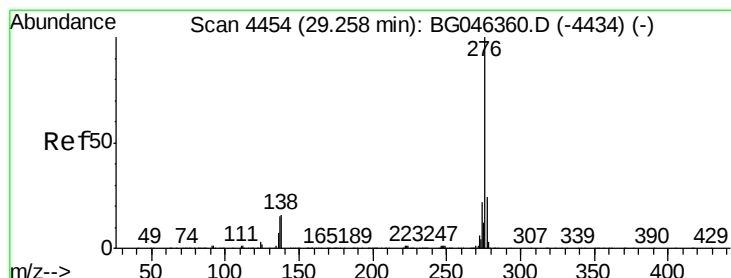
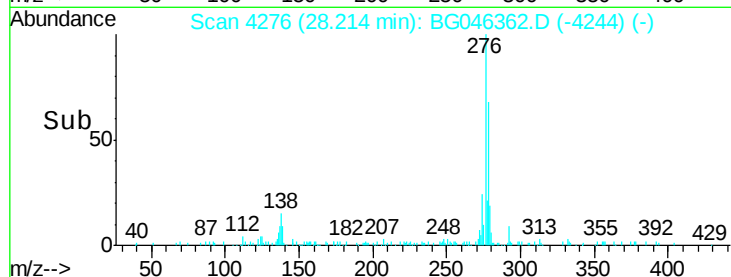
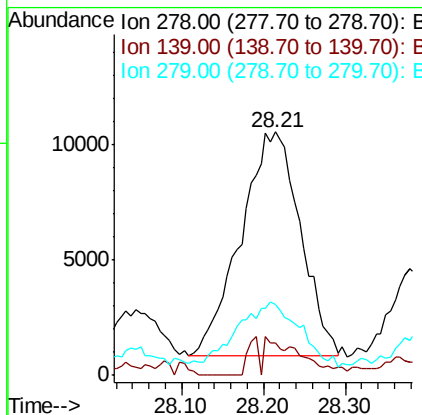
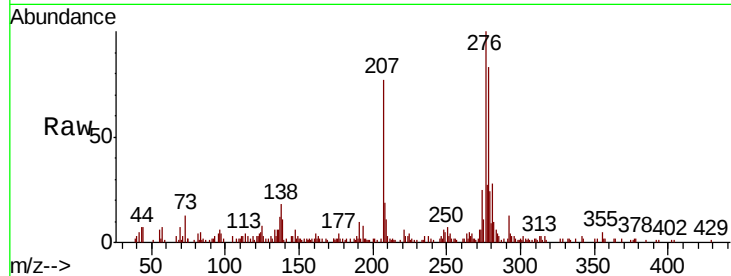
ClientSampleId :

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Tot Ion:278	Resp:	49163
Ion Ratio	Lower	Upper
278	100	
139	13.5	9.8 14.8
279	28.9	19.7 29.5

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#30

Benzo(g,h,i)perylene

Concen: 3.186 ng/ul

RT: 29.25 min Scan# 4453

Delta R.T. -0.00 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

Tgt Ion:276	Resp:	155572
Ion Ratio	Lower	Upper
276	100	
138	13.7	12.9 19.3
277	25.5	19.4 29.0

