

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046364.D
 Acq On : 20 Aug 2020 4:08
 Operator : CG/JU
 Sample : L3633-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMA4

Manual Integrations
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Quant Time: Aug 20 05:16:37 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	105099	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	438302	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	300476	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	681482	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	681691	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	723575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	165958	21.99	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	625328	22.61	ng/ul	0.00
10) Fluorene-d10	15.56	176	478750	22.59	ng/ul	0.00
15) Anthracene-d10	17.41	188	700665	22.18	ng/ul	0.00
19) Pyrene-d10	19.69	212	826787	23.56	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	922828	23.37	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	321747	8.582	ng/ul	99
16) Anthracene	17.44	178	60322	1.595	ng/ul	96
17) Fluoranthene	19.36	202	642124	15.360	ng/ul	98
20) Pyrene	19.72	202	609232	13.615	ng/ul	98
21) Benzo(a)anthracene	21.54	228	349090	7.871	ng/ul	97
22) Chrysene	21.60	228	370887	8.650	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	530407	11.085	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	184189m	3.881	ng/ul	
27) Benzo(a)pyrene	24.52	252	366112	8.334	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	265859	4.833	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	70404m	1.579	ng/ul	
30) Benzo(a,h,i)perylene	29.25	276	215701m	4.686	ng/ul	

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

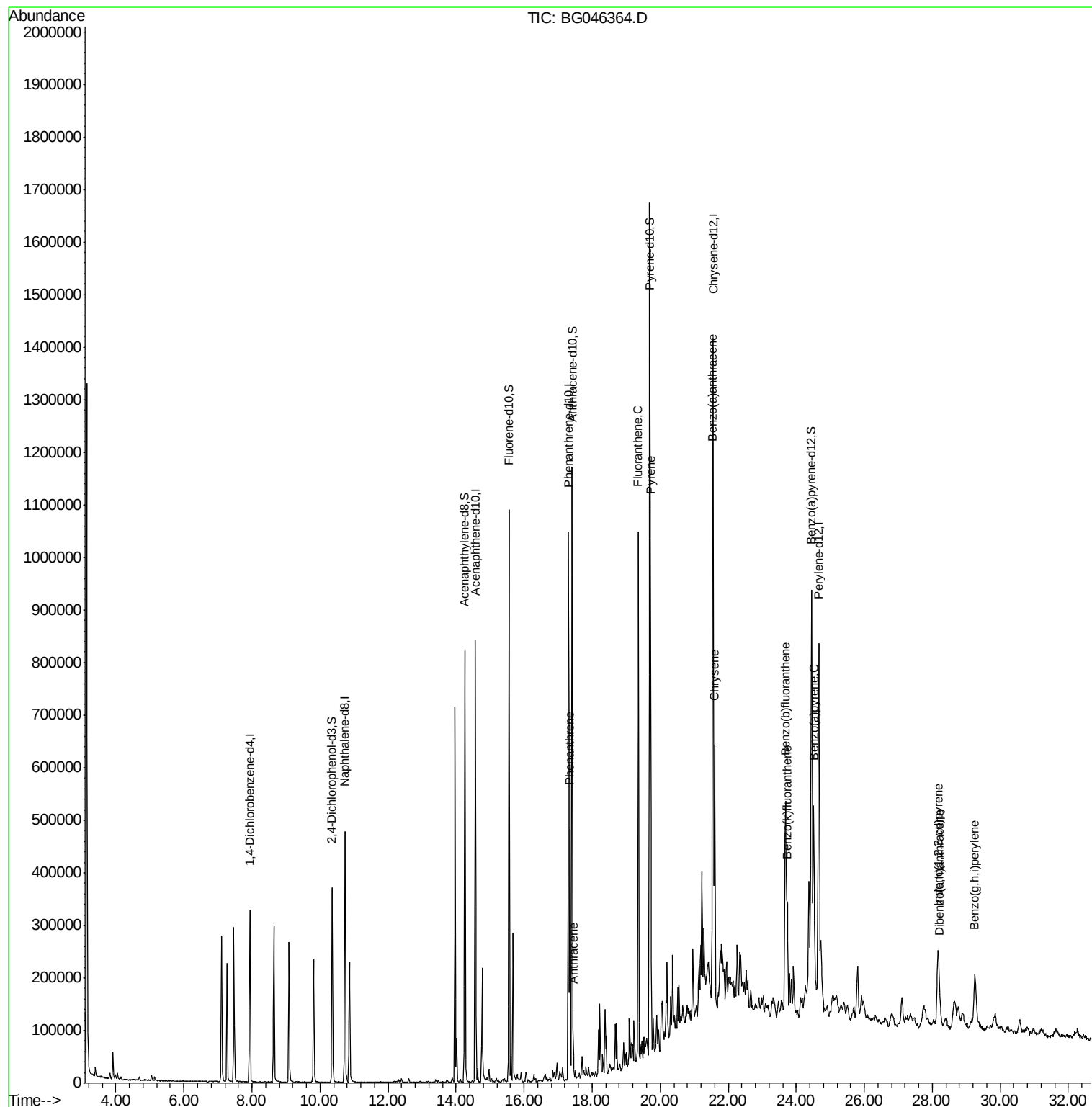
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046364.D
Acq On : 20 Aug 2020 4:08
Operator : CG/JU
Sample : L3633-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

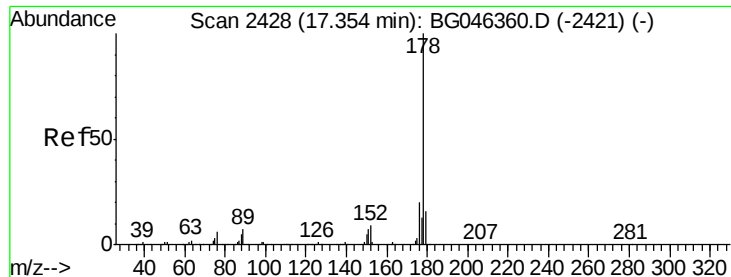
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 20 05:16:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
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#14

Phenanthrene

Concen: 8.582 ng/ul

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG046364.D

Acq: 20 Aug 2020 4:08

Instrument :

BNA_G

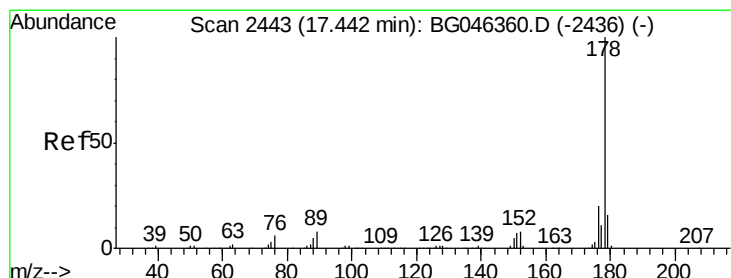
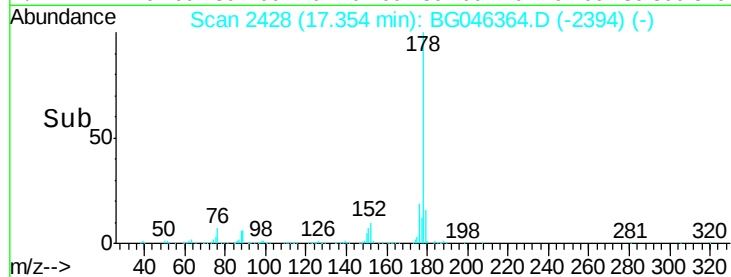
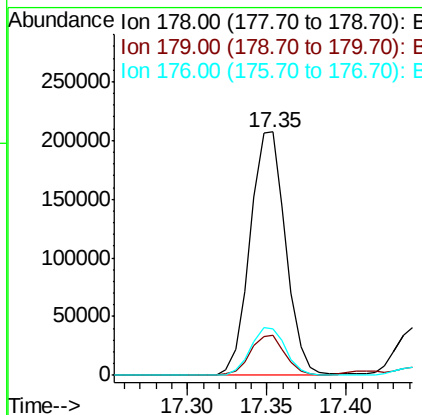
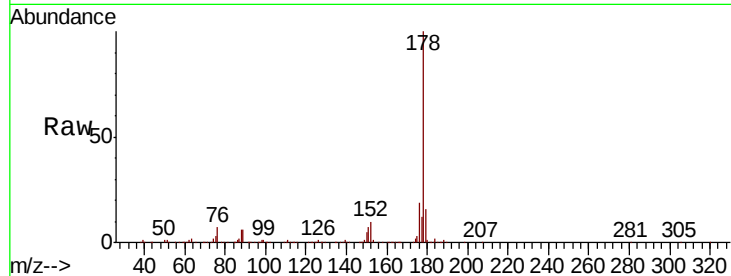
ClientSampled :

BFMA4

Tot Ion:	178	Resp:	321747
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	19.2	15.8	23.8

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#16

Anthracene

Concen: 1.595 ng/ul

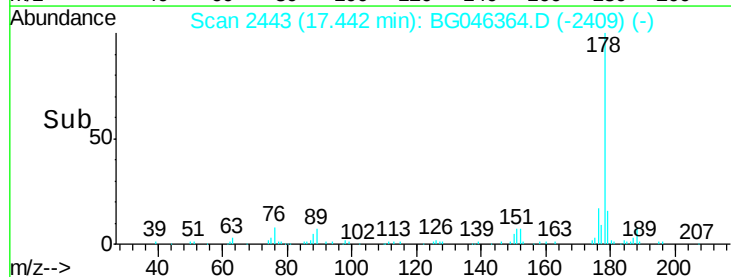
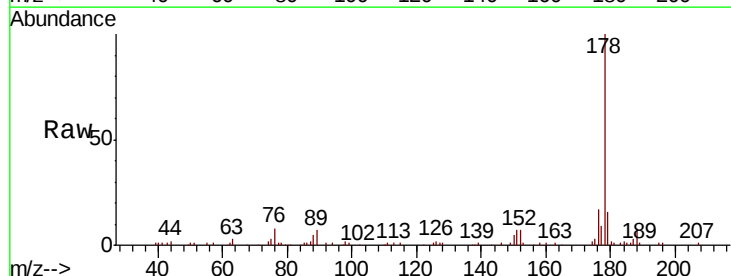
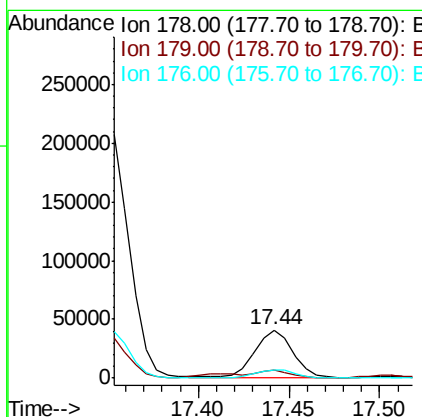
RT: 17.44 min Scan# 2443

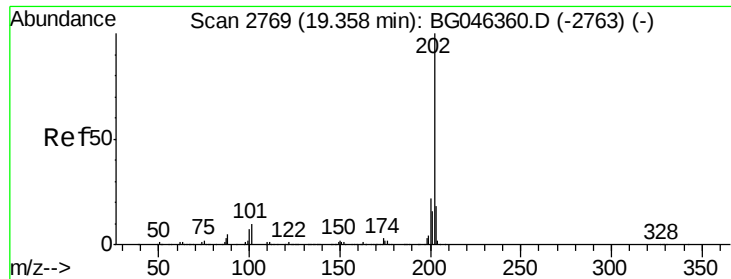
Delta R.T. -0.00 min

Lab File: BG046364.D

Acq: 20 Aug 2020 4:08

Tgt Ion:	178	Resp:	60322
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.2	19.8
176	16.9	15.2	22.8





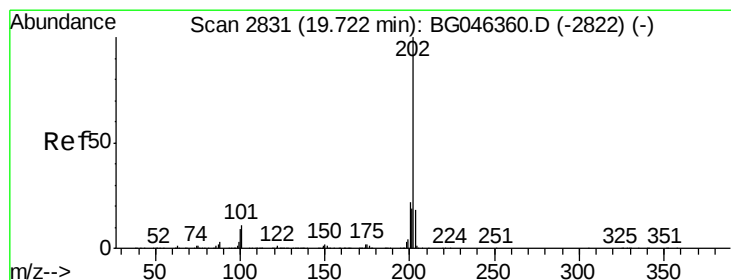
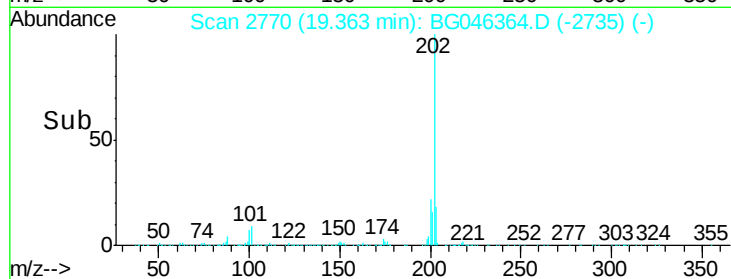
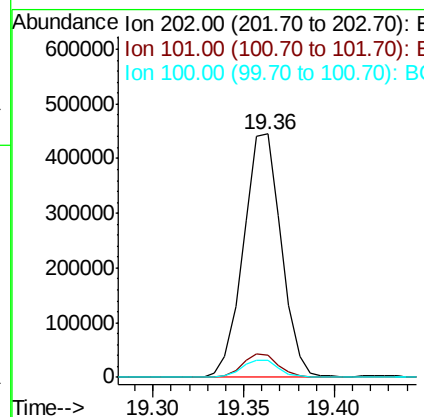
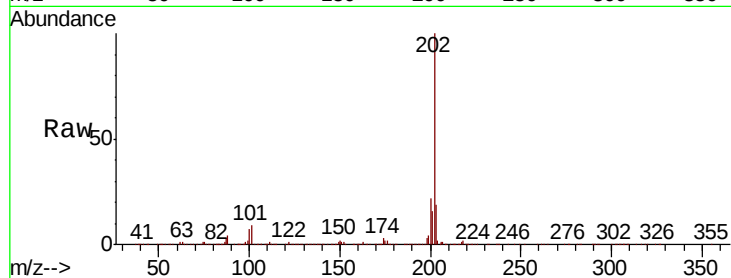
#17
Fluoranthene
 Concen: 15.360 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.01 min
 Lab File: BG046364.D
 Acq: 20 Aug 2020 4:08

Instrument :
 BNA_G
 ClientSampleId :
 BFMA4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.2		7.8	11.6	
100	6.8		5.9	8.9	

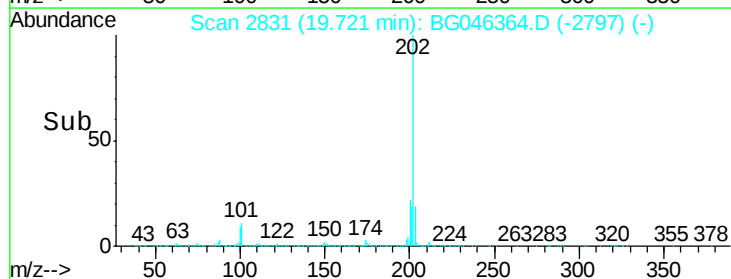
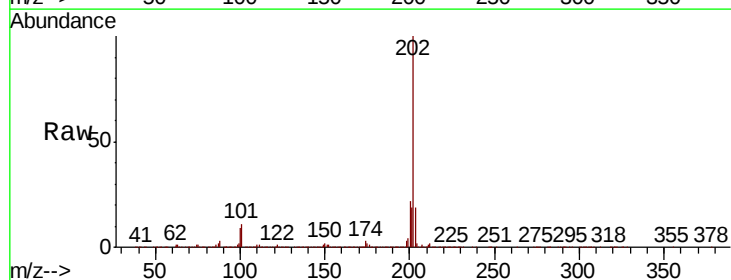
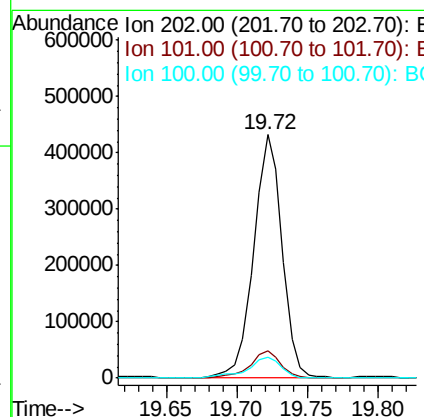
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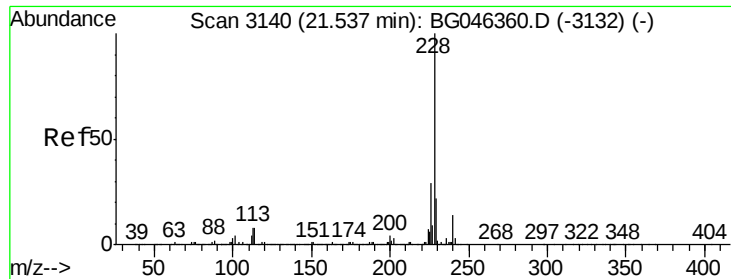
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#20
Pyrene
 Concen: 13.615 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046364.D
 Acq: 20 Aug 2020 4:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.4		8.9	13.3	
100	8.7		7.9	11.9	





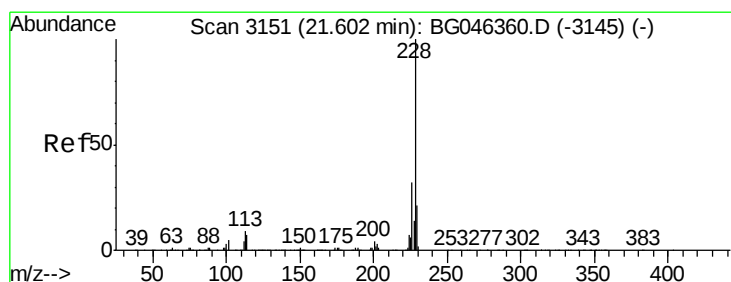
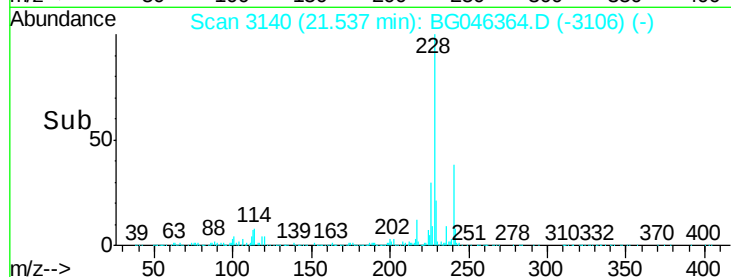
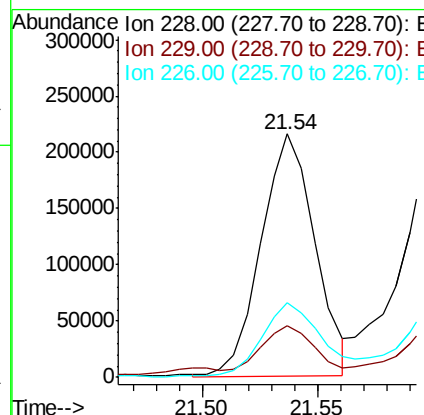
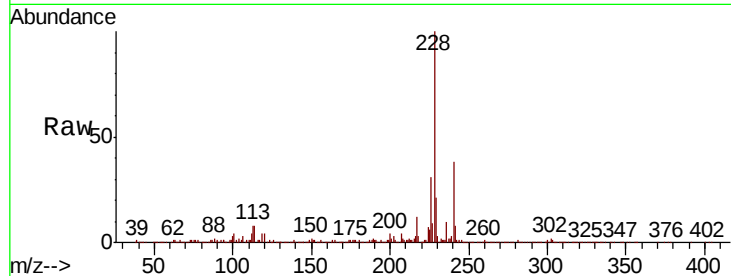
#21
Benzo(a)anthracene
Concen: 7.871 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Instrument :
BNA_G
ClientSampled :
BFMA4

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	30.6	22.6	33.8

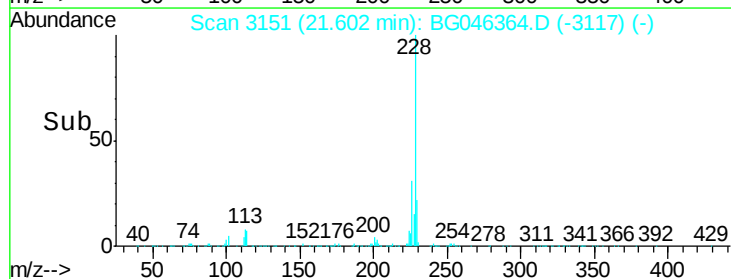
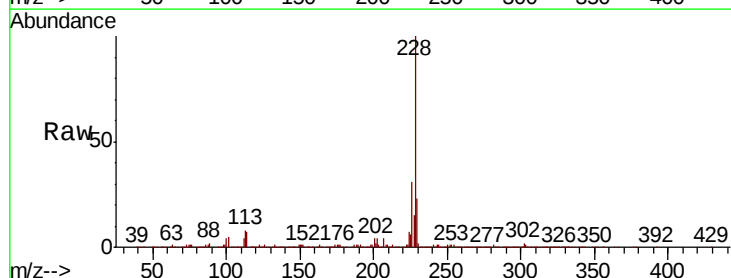
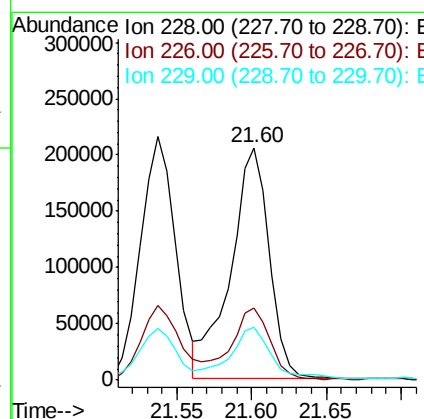
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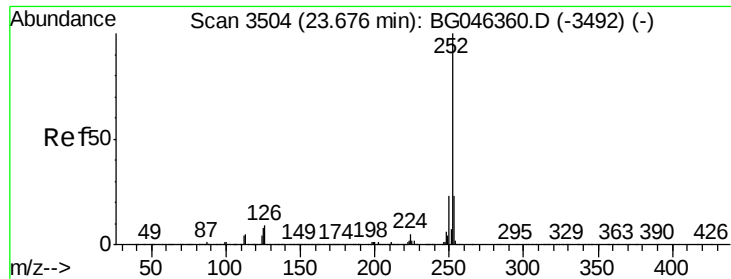
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#22
Chrysene
Concen: 8.650 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	22.8	17.0	25.4





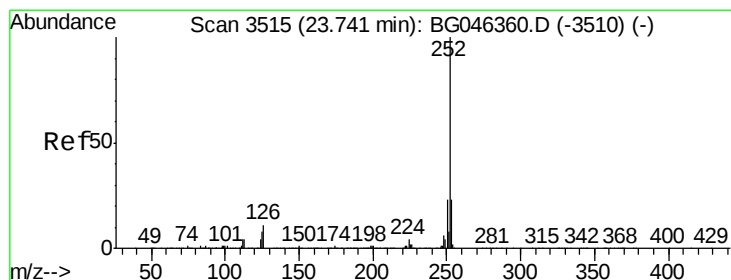
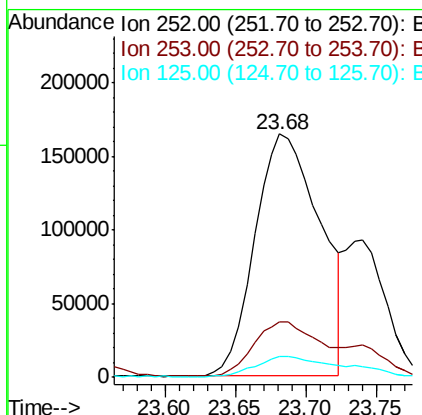
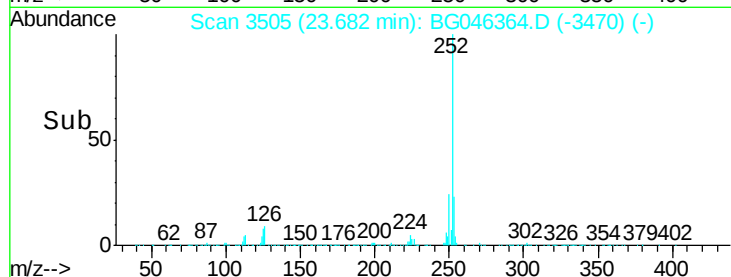
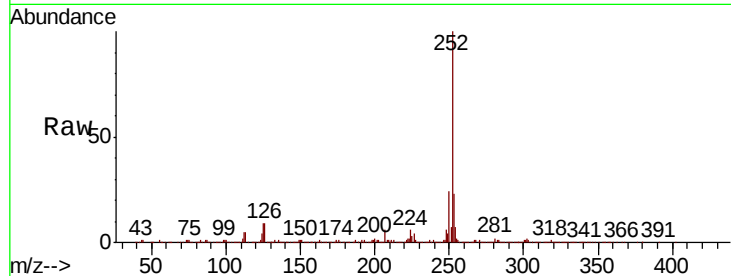
#24
Benzo(b)fluoranthene
Concen: 11.085 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Instrument :
BNA_G
ClientSampleId :
BFMA4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	8.6	6.4	9.6

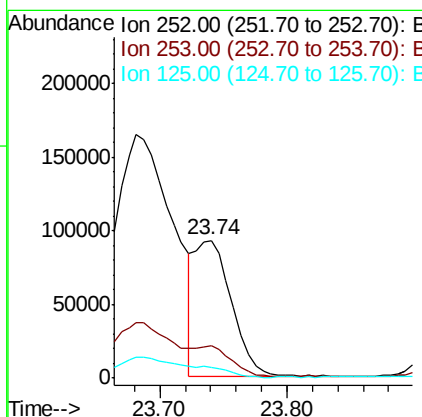
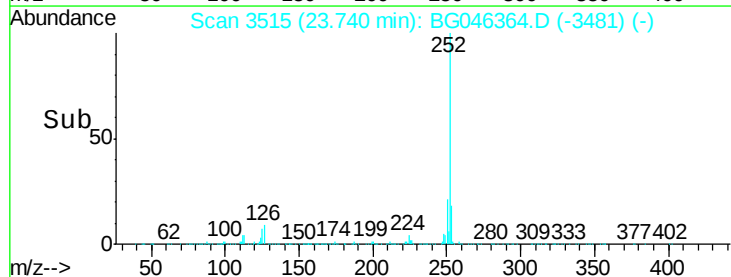
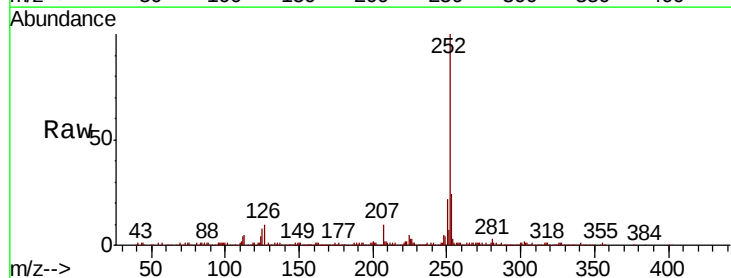
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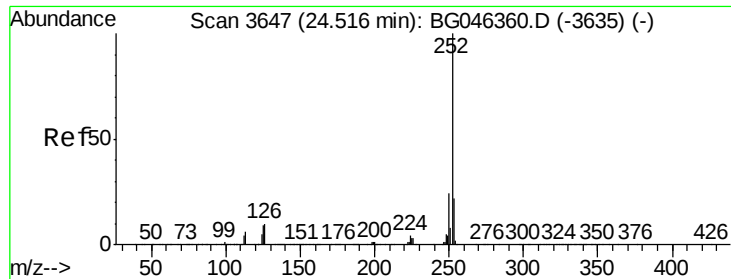
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#25
Benzo(k)fluoranthene
Concen: 3.881 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	7.9	6.2	9.2





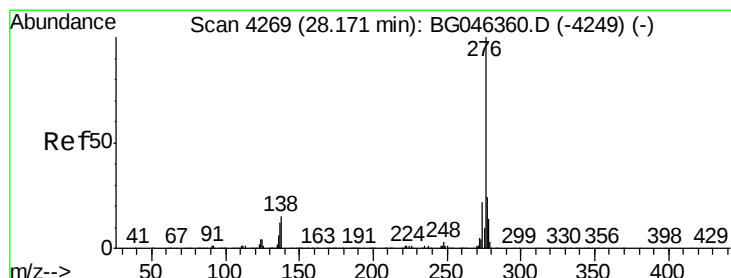
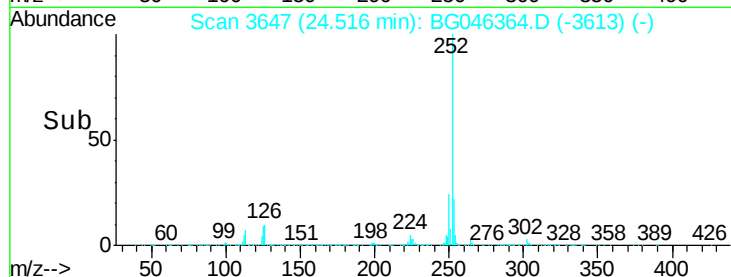
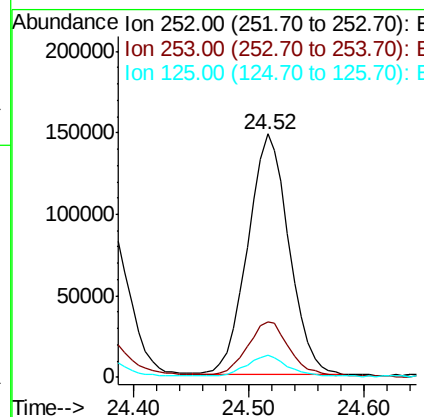
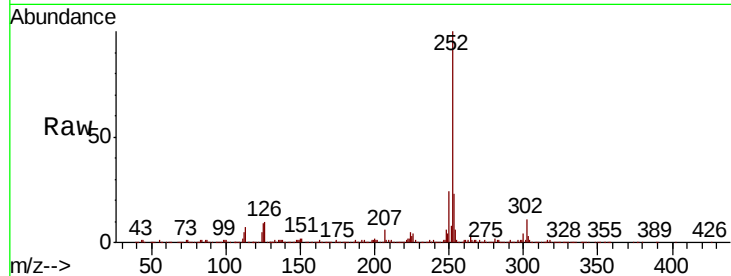
#27
Benzo(a)pyrene
Concen: 8.334 ng/u1
RT: 24.52 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Instrument :
BNA_G
ClientSampleId :
BFMA4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.3	7.1	10.7

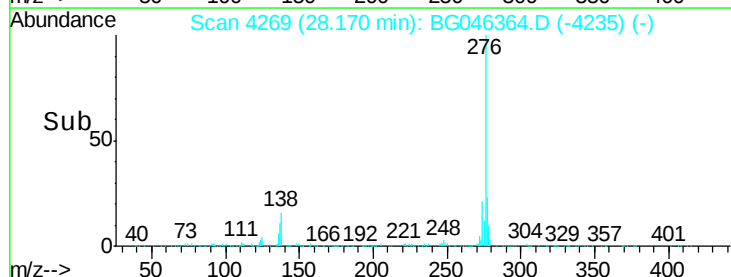
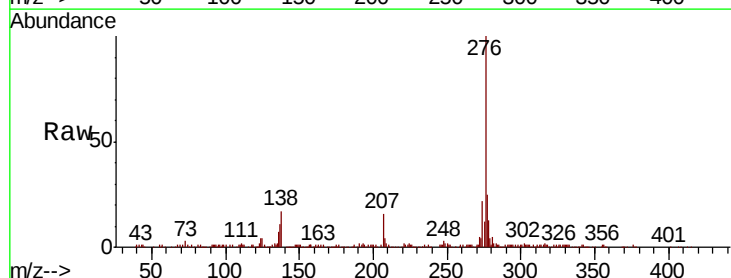
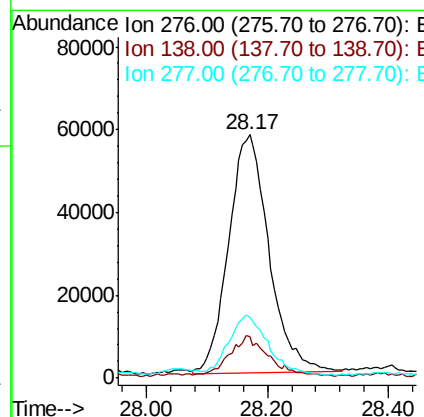
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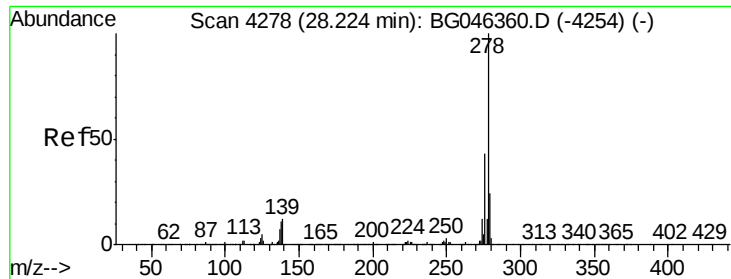
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#28
Indeno(1,2,3-cd)pyrene
Concen: 4.833 ng/u1
RT: 28.17 min Scan# 4269
Delta R.T. -0.00 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.2	19.8
277	25.0	19.9	29.9





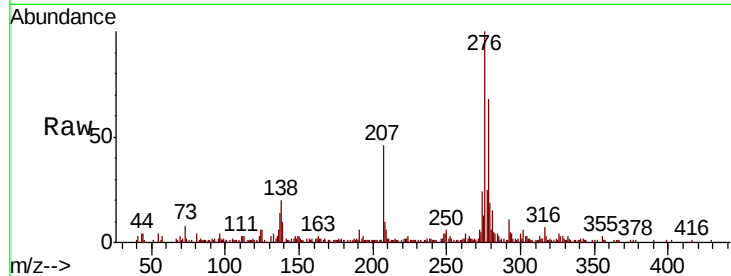
#29
Dibenzo(a,h)anthracene
Concen: 1.579 ng/ul m
RT: 28.21 min Scan# 4276
Delta R.T. -0.01 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Instrument :
BNA_G
ClientSampleId :
BFMA4

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.8	14.8#
279	27.6	19.7	29.5

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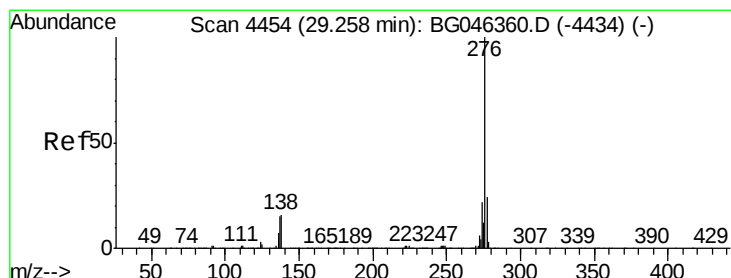
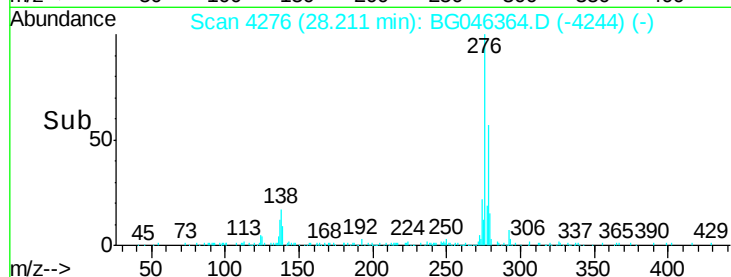
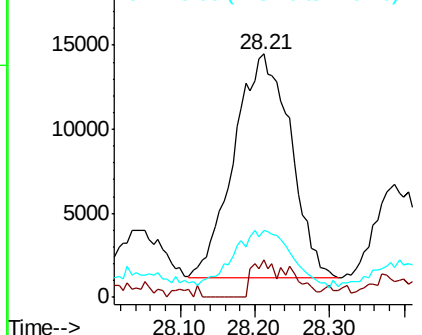


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30
Benzo(g,h,i)perylene
Concen: 4.686 ng/ul m
RT: 29.25 min Scan# 4452
Delta R.T. -0.01 min
Lab File: BG046364.D
Acq: 20 Aug 2020 4:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	24.1	19.4	29.0

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

