

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046348.D
 Acq On : 19 Aug 2020 15:24
 Operator : CG/JU
 Sample : L3633-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME1

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Quant Time: Aug 19 16:10:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 11:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	88870	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	360793	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	241201	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	536559	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	515703	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	551346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	153020	24.63	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	600302	27.04	ng/ul	0.00
10) Fluorene-d10	15.56	176	453540	26.66	ng/ul	0.00
15) Anthracene-d10	17.41	188	645426	25.95	ng/ul	0.00
19) Pyrene-d10	19.69	212	738514	27.82	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	805846	26.78	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	32308	1.432	ng/ul	99
14) Phenanthrene	17.35	178	405187	13.727	ng/ul	100
16) Anthracene	17.44	178	41755	1.402	ng/ul	97
17) Fluoranthene	19.36	202	803792	24.421	ng/ul	99
20) Pyrene	19.72	202	785715	23.211	ng/ul	99
21) Benzo(a)anthracene	21.54	228	374577	11.164	ng/ul	97
22) Chrysene	21.60	228	427835	13.190	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	625107	17.145	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	200128m	5.533	ng/ul	
27) Benzo(a)pyrene	24.52	252	406666	12.149	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	308120	7.352	ng/ul	100
29) Dibenzo(a,h)anthracene	28.22	278	78302m	2.304	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	254019	7.242	ng/ul	99

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

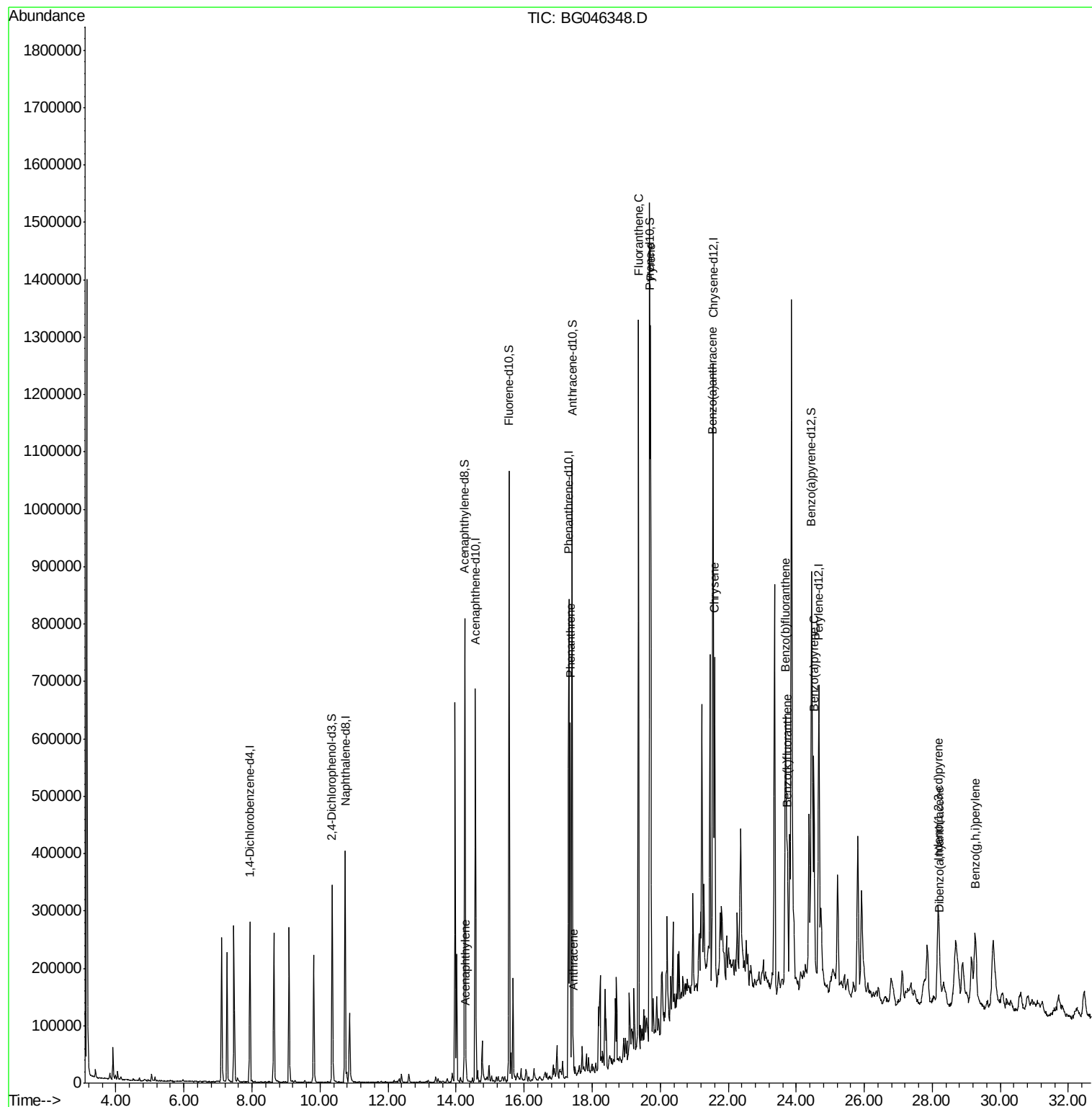
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046348.D
Acq On : 19 Aug 2020 15:24
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ALS Vial : 11 Sample Multiplier: 1

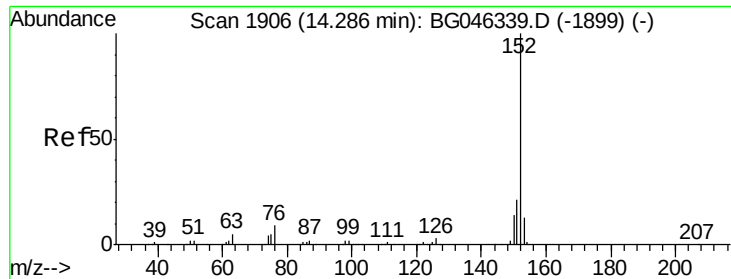
Instrument :
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Quant Time: Aug 19 16:10:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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#8

Acenaphthylene

Concen: 1.432 ng/ul

RT: 14.29 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BG046348.D

Acq: 19 Aug 2020 15:24

Instrument :

BNA_G

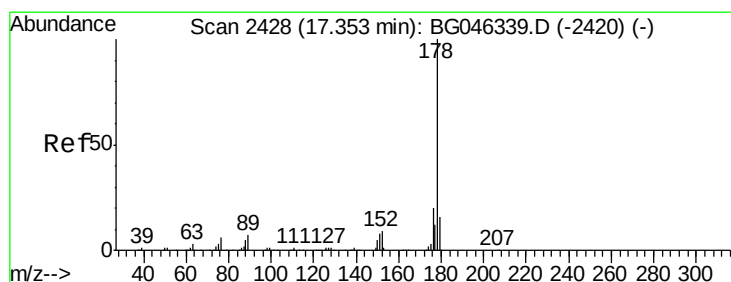
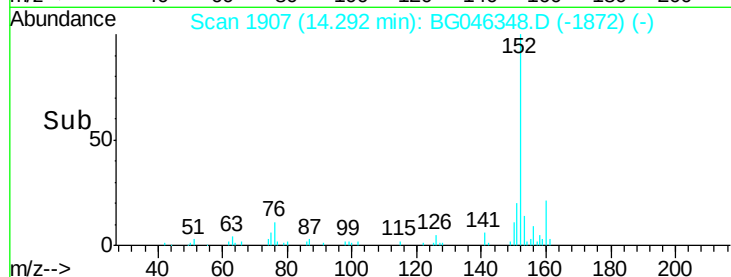
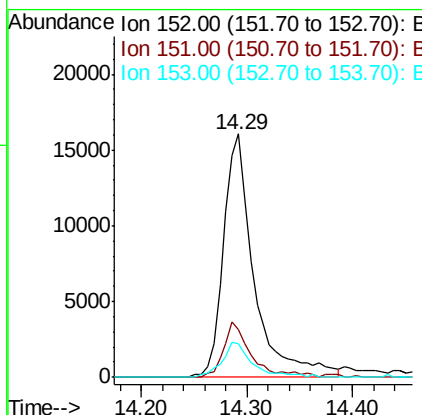
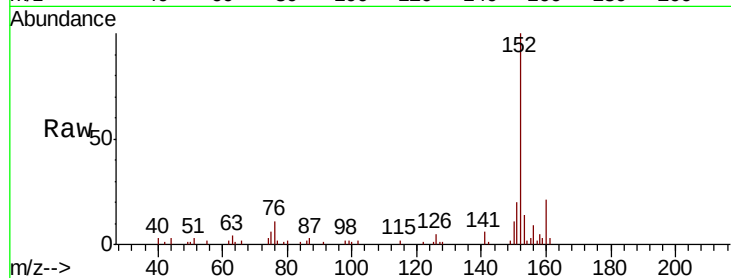
ClientSampleId :

BFME1

Tot Ion:	152	Resp:	32308
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.5	24.7
153	13.9	11.0	16.6

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#14

Phenanthrene

Concen: 13.727 ng/ul

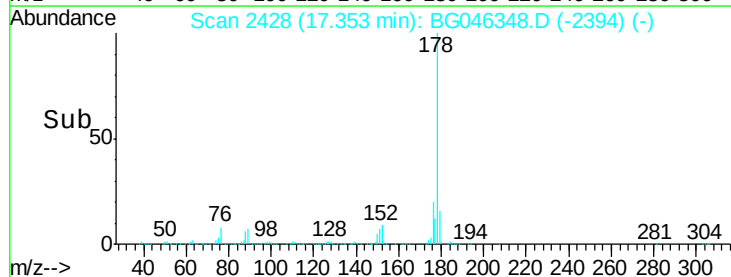
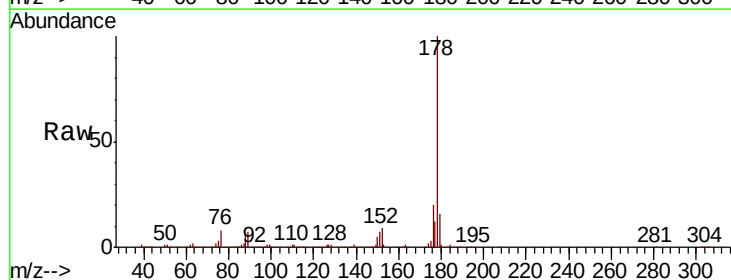
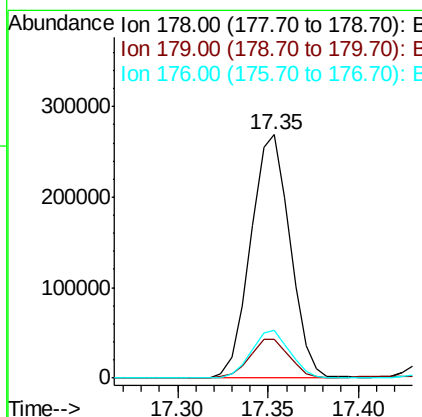
RT: 17.35 min Scan# 2428

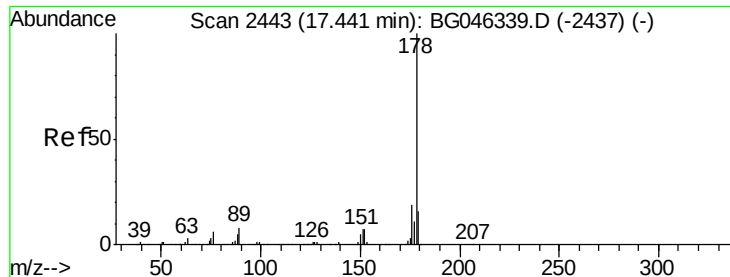
Delta R.T. 0.00 min

Lab File: BG046348.D

Acq: 19 Aug 2020 15:24

Tgt Ion:	178	Resp:	405187
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.8	19.2
176	19.6	15.8	23.8





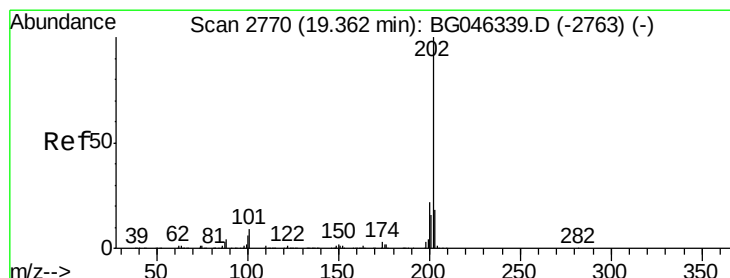
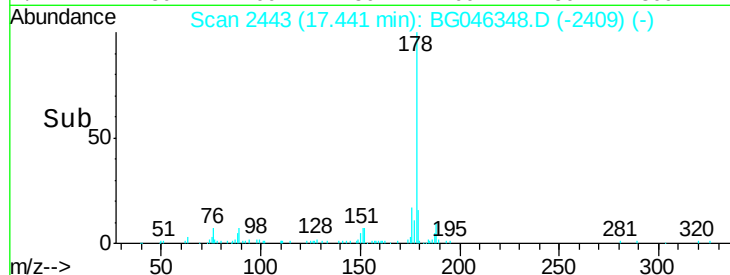
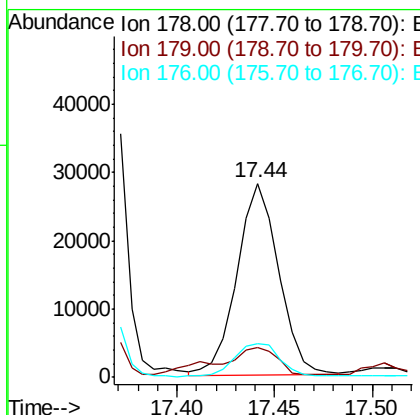
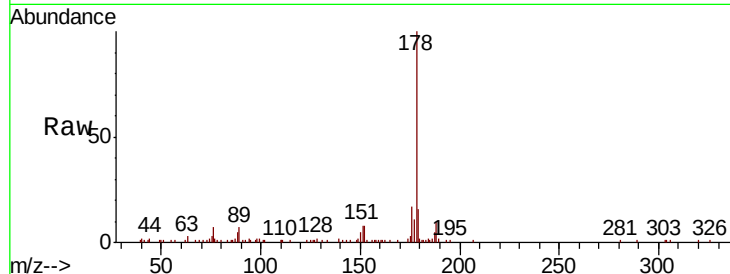
#16
 Anthracene
 Concen: 1.402 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG046348.D
 Acq: 19 Aug 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 BFME1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.2	19.8
176	17.3	15.2	22.8

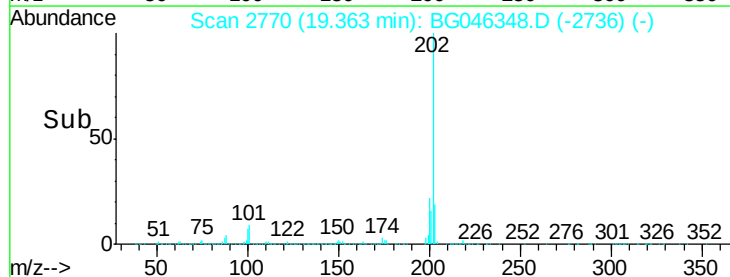
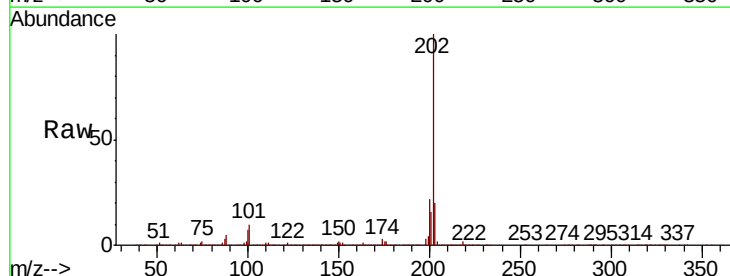
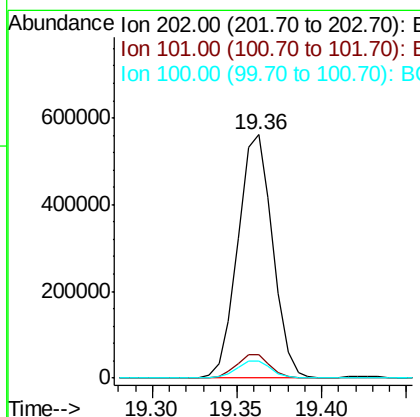
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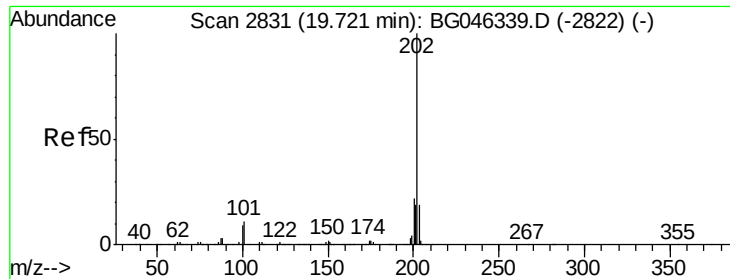
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#17
 Fluoranthene
 Concen: 24.421 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046348.D
 Acq: 19 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.6
100	7.0	5.9	8.9





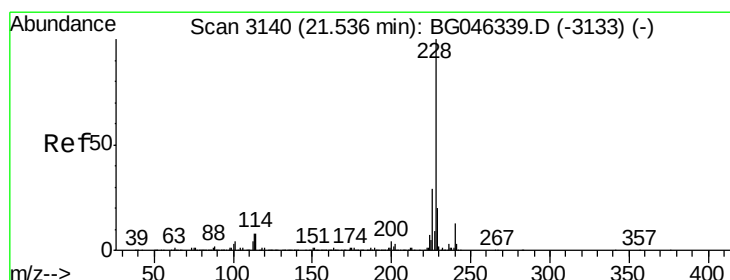
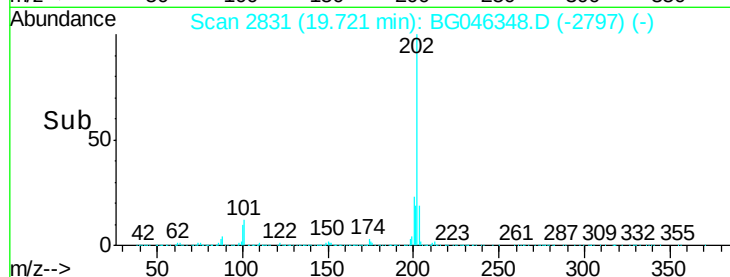
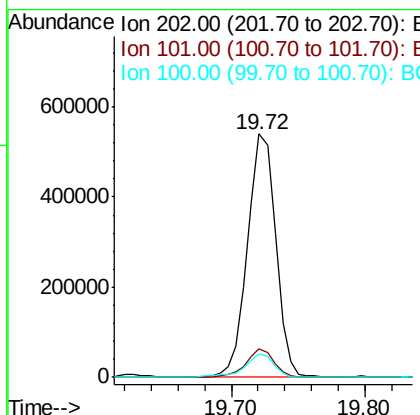
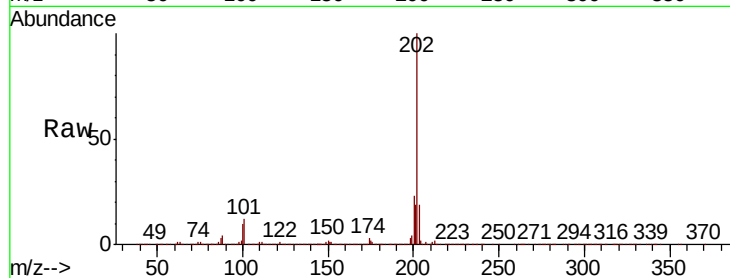
#20
 Pyrene
 Concen: 23.211 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BG046348.D
 Acq: 19 Aug 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 BFME1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	8.9	13.3
100	9.5	7.9	11.9

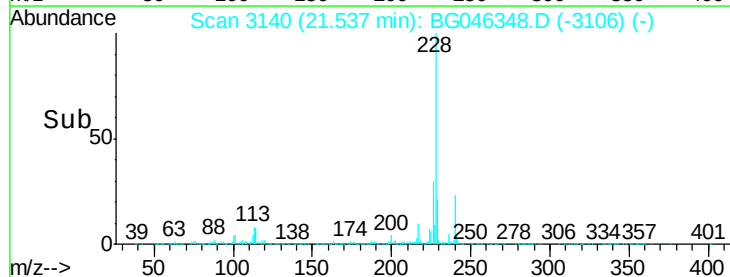
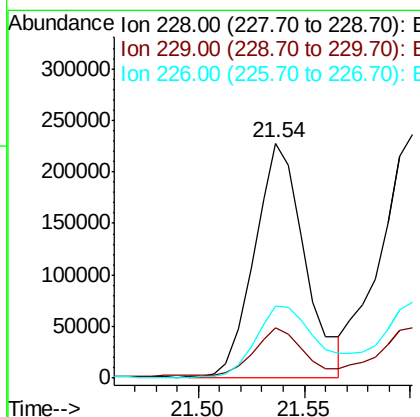
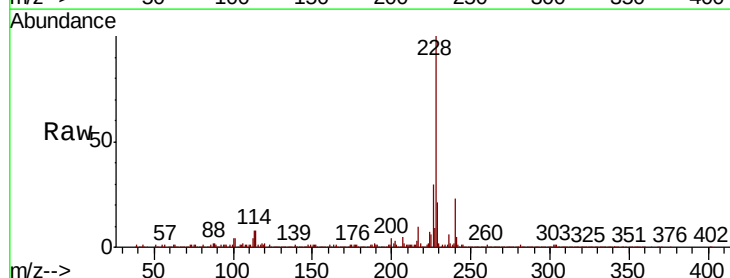
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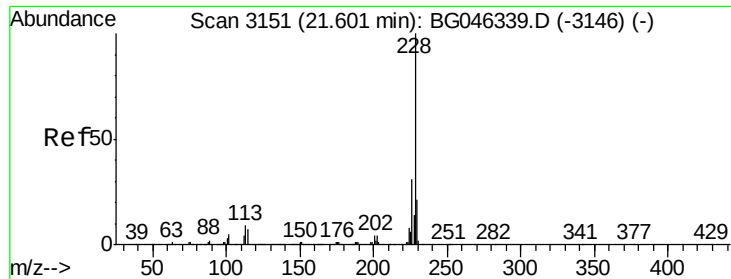
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#21
 Benzo(a)anthracene
 Concen: 11.164 ng/ul
 RT: 21.54 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG046348.D
 Acq: 19 Aug 2020 15:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	16.6	25.0
226	30.5	22.6	33.8





#22

Chrysene

Concen: 13.190 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046348.D

Acq: 19 Aug 2020 15:24

Instrument :

BNA_G

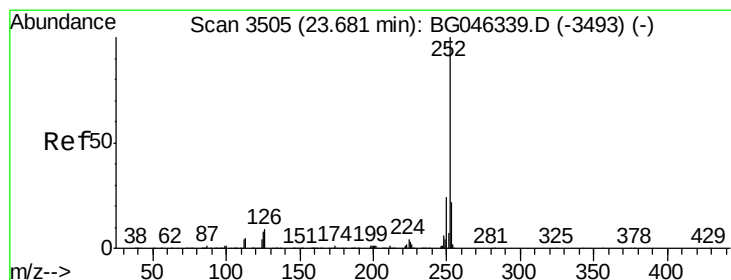
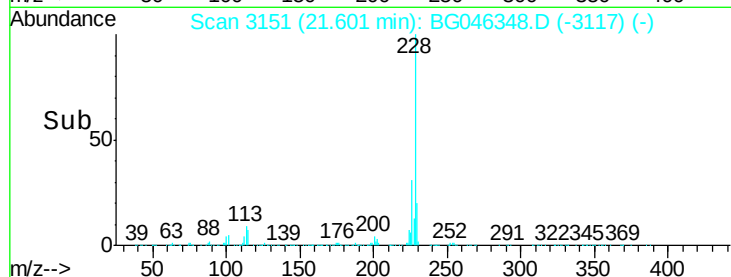
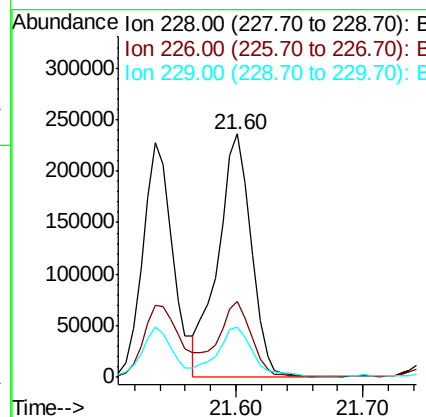
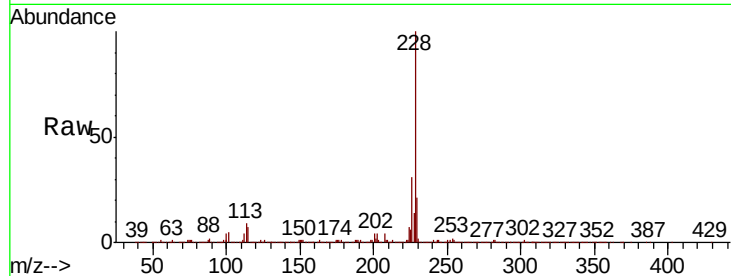
ClientSampleId :

BFME1

Tot Ion:	228	Resp:	427835
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.5	38.3
229	20.6	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 17.145 ng/ul

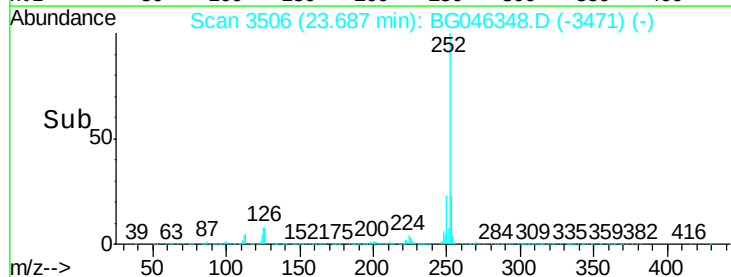
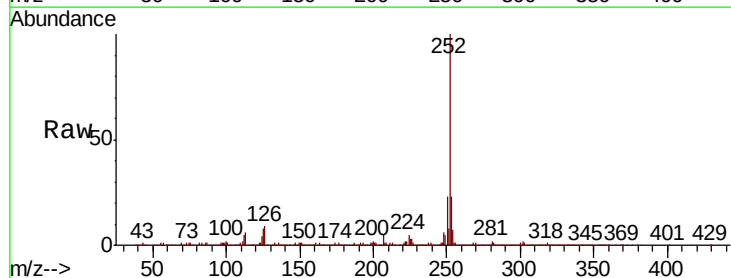
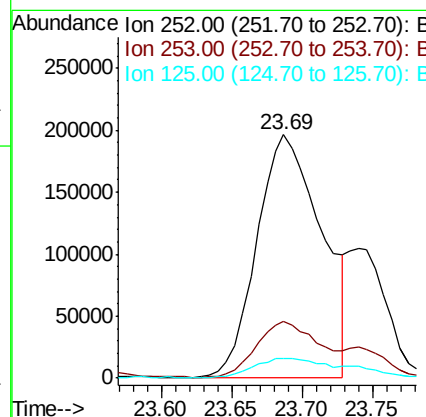
RT: 23.69 min Scan# 3506

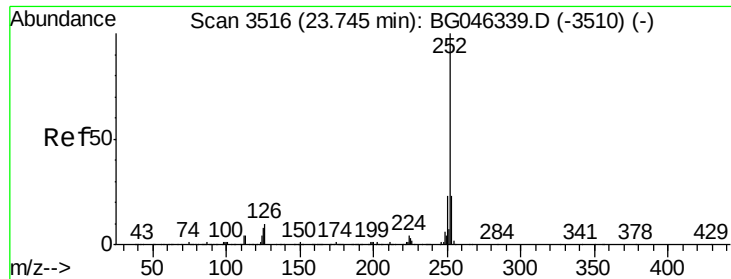
Delta R.T. 0.01 min

Lab File: BG046348.D

Acq: 19 Aug 2020 15:24

Tgt Ion:	252	Resp:	625107
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	8.0	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 5.533 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046348.D

Acq: 19 Aug 2020 15:24

Instrument :

BNA_G

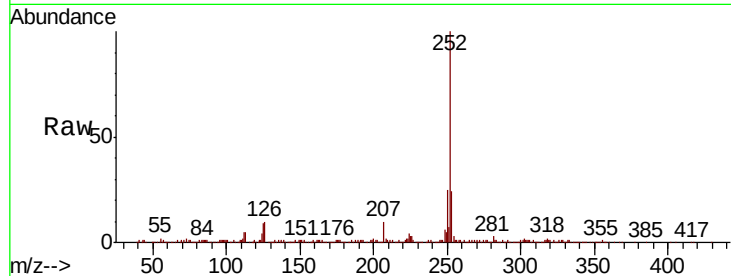
ClientSampleId :

BFME1

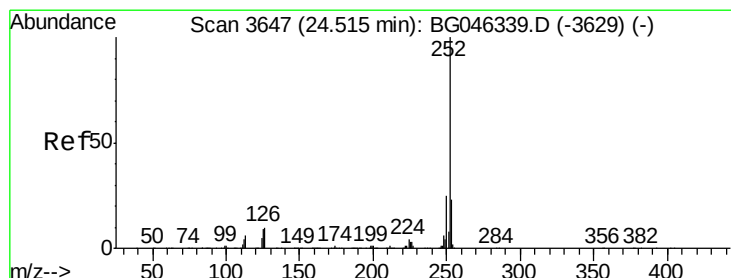
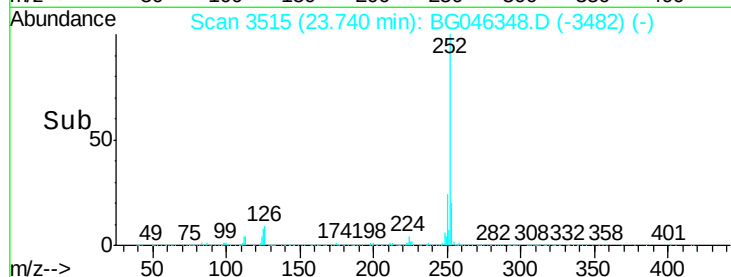
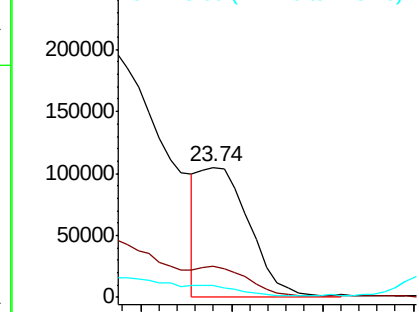
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	9.0	6.2	9.2

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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: 12.149 ng/ul

RT: 24.52 min Scan# 3647

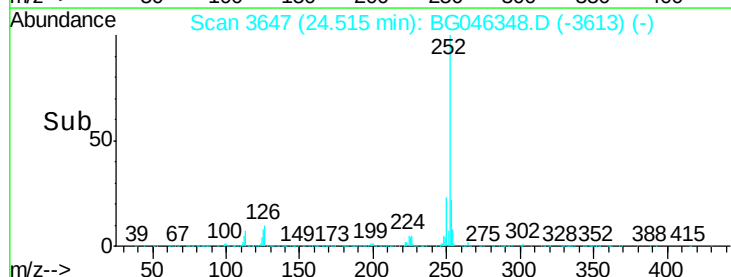
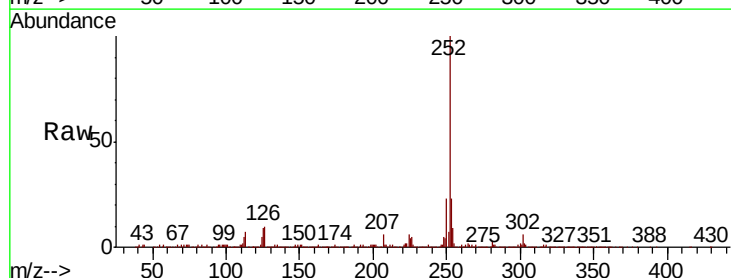
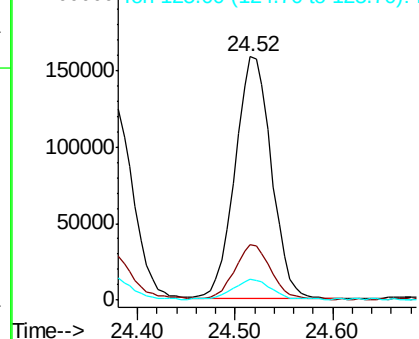
Delta R.T. 0.00 min

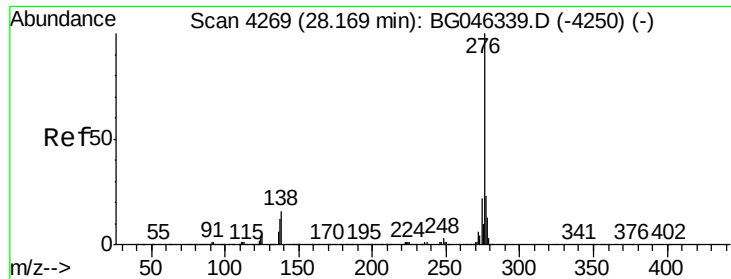
Lab File: BG046348.D

Acq: 19 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.5	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





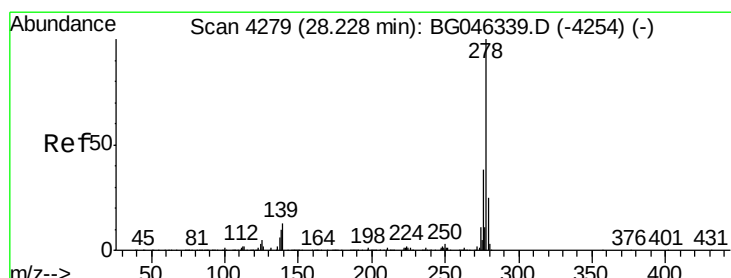
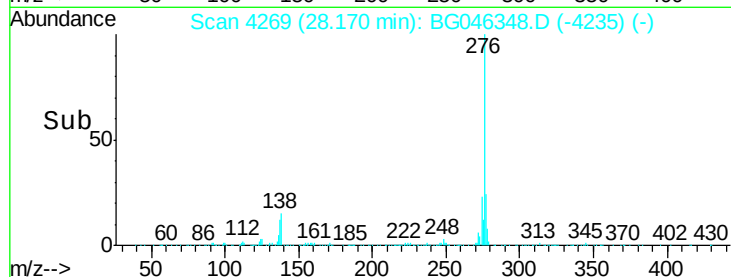
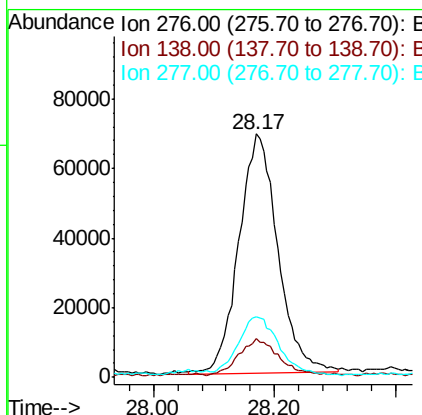
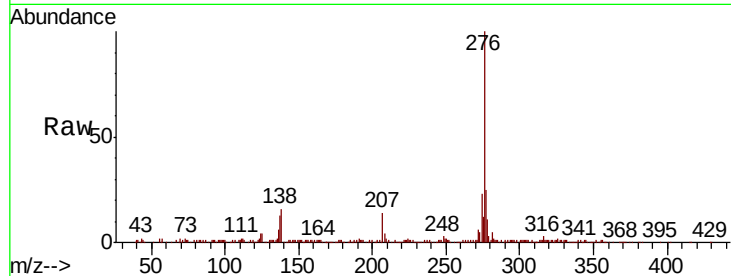
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 7.352 ng/ul
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046348.D
 Acq: 19 Aug 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 BFME1

Tot Ion:	276	Resp:	308120
Ion Ratio	Lower	Upper	
276	100		
138	16.2	13.2	19.8
277	24.8	19.9	29.9

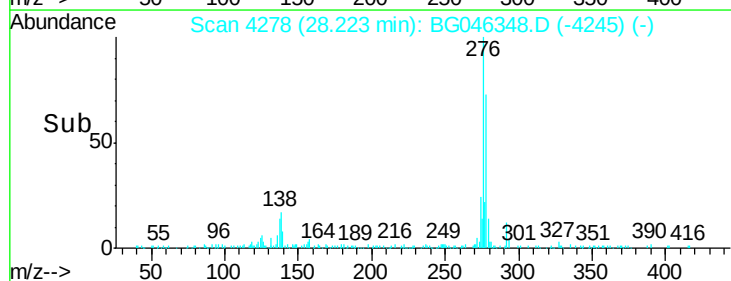
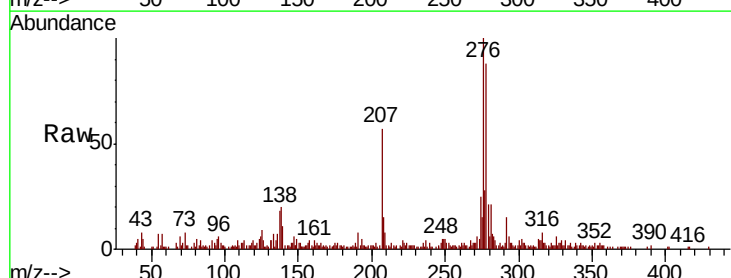
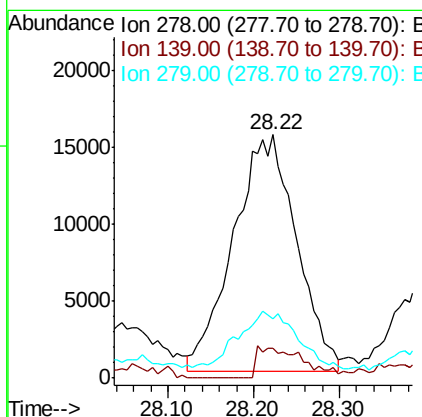
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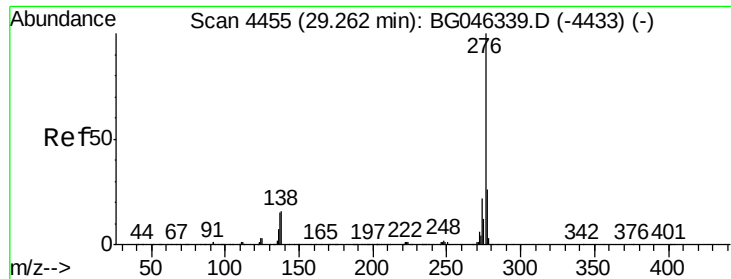
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#29
 Dibenzo(a,h)anthracene
 Concen: 2.304 ng/ul m
 RT: 28.22 min Scan# 4278
 Delta R.T. -0.01 min
 Lab File: BG046348.D
 Acq: 19 Aug 2020 15:24

Tgt Ion:	278	Resp:	78302
Ion Ratio	Lower	Upper	
278	100		
139	12.1	9.8	14.8
279	24.2	19.7	29.5





#30
 Benzo(a,h,i)perylene
 Concen: 7.242 ng/ul
 RT: 29.26 min Scan# 4455
 Delta R.T. 0.00 min
 Lab File: BG046348.D
 Acq: 19 Aug 2020 15:24

Instrument :
 BNA_G
 ClientSampleId :
 BFME1

Tot Ion:	276	Resp:	254019
Ion Ratio	Lower	Upper	
276	100		
138	17.2	12.9	19.3
277	24.2	19.4	29.0

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