

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046356.D
 Acq On : 19 Aug 2020 21:27
 Operator : CG/JU
 Sample : L3633-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME2

Manual Integrations
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Quant Time: Aug 20 02:10:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 01:26:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	80814	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	331686	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	221265	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	510550	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	517415	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	547076	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	118712	20.79	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	465552	22.86	ng/ul	0.00
10) Fluorene-d10	15.56	176	353329	22.64	ng/ul	0.00
15) Anthracene-d10	17.41	188	525269	22.19	ng/ul	0.00
19) Pyrene-d10	19.69	212	625082	23.47	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	683836	22.91	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	24272	1.172	ng/ul	99
14) Phenanthrene	17.35	178	371739	13.235	ng/ul	99
16) Anthracene	17.44	178	68917	2.432	ng/ul	97
17) Fluoranthene	19.36	202	736129	23.504	ng/ul	99
20) Pyrene	19.72	202	691100	20.348	ng/ul	99
21) Benzo(a)anthracene	21.53	228	390826	11.609	ng/ul	99
22) Chrysene	21.60	228	409635	12.587	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	554057	15.315	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	214299m	5.971	ng/ul	
27) Benzo(a)pyrene	24.52	252	391013	11.773	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	274164	6.593	ng/ul	98
29) Dibenzo(a,h)anthracene	28.20	278	71670m	2.126	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	220935	6.348	ng/ul	100

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

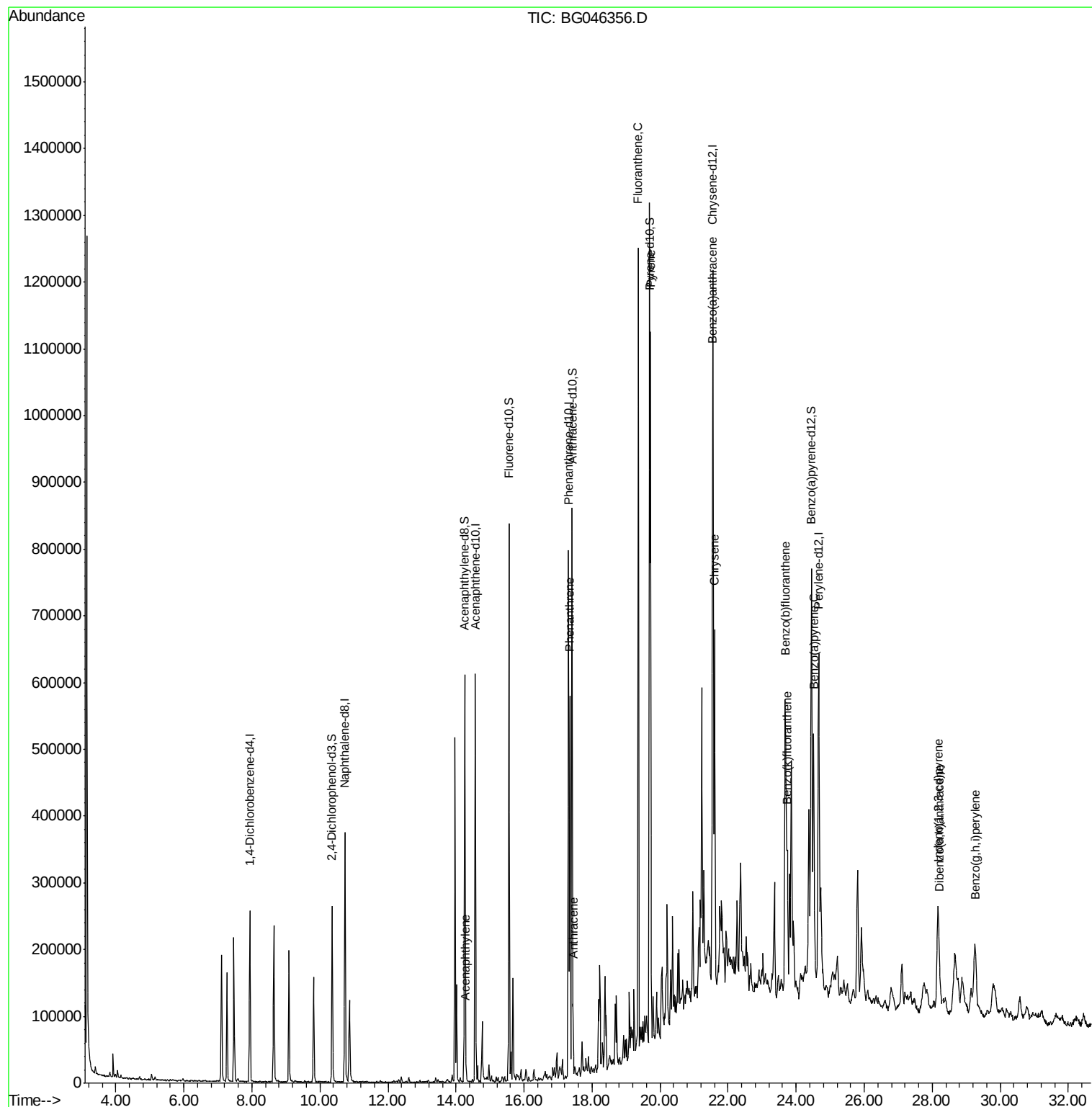
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

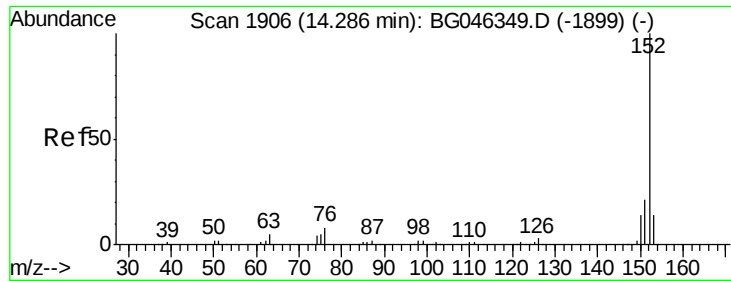
Instrument :
BNA_G
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Quant Time: Aug 20 02:10:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 01:26:46 2020
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#8

Acenaphthylene

Concen: 1.172 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Instrument :

BNA_G

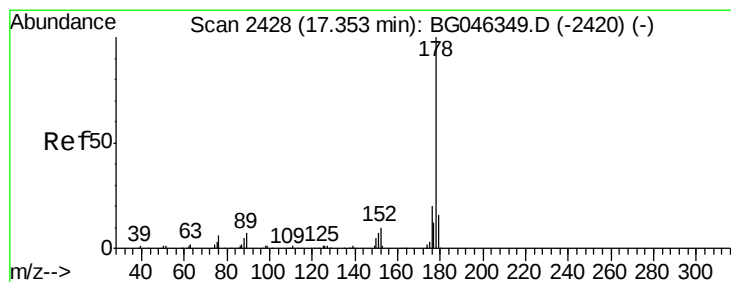
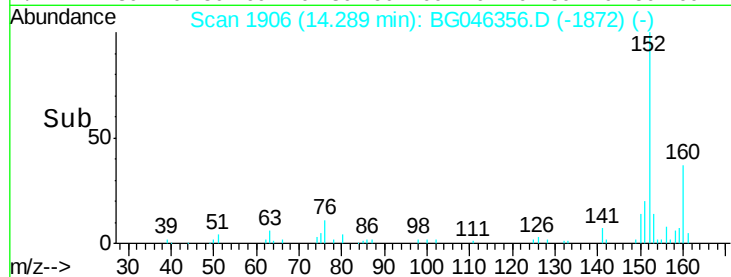
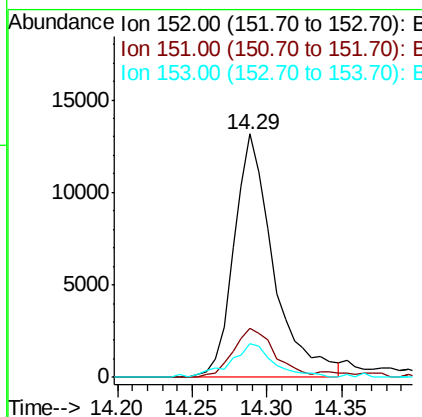
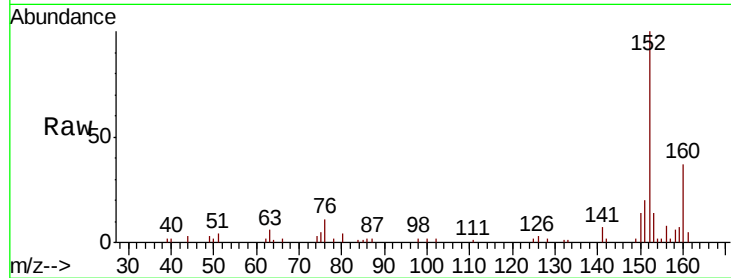
ClientSampleId :

BFME2

Tot Ion:	152	Resp:	24272
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.5	24.7
153	13.9	11.0	16.6

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#14

Phenanthrene

Concen: 13.235 ng/ul

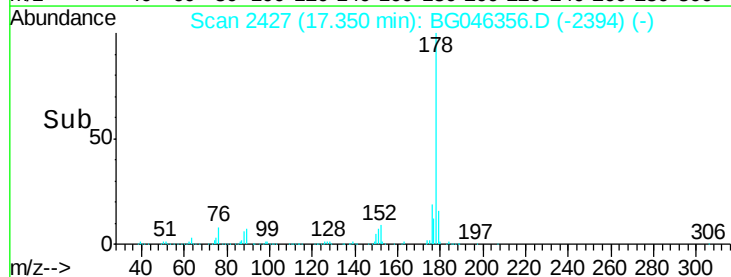
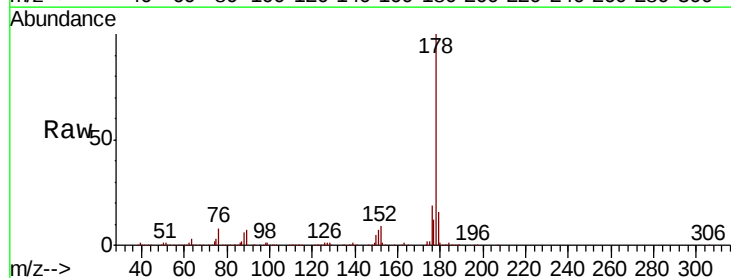
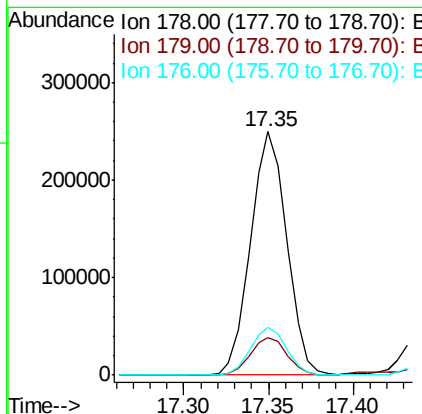
RT: 17.35 min Scan# 2427

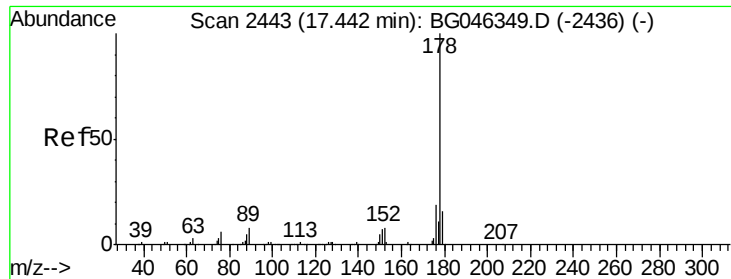
Delta R.T. -0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Tgt Ion:	178	Resp:	371739
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.5	15.8	23.8





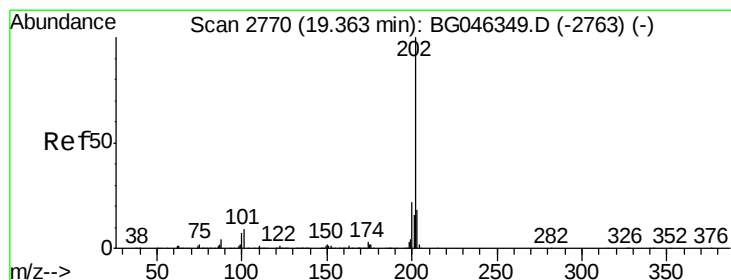
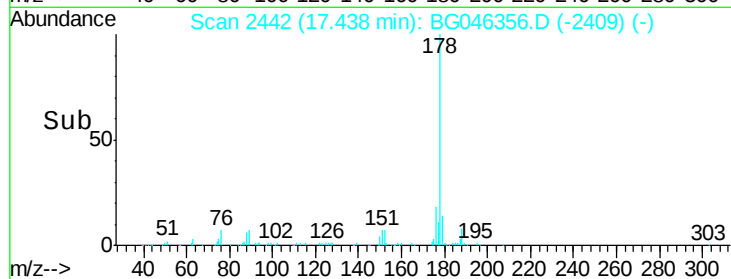
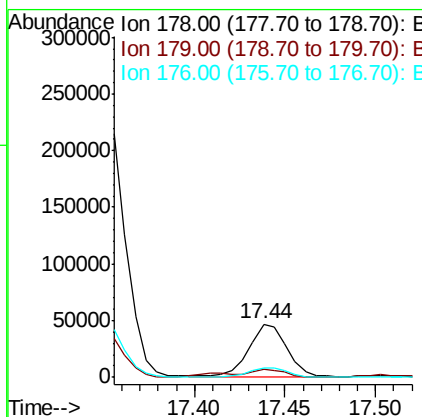
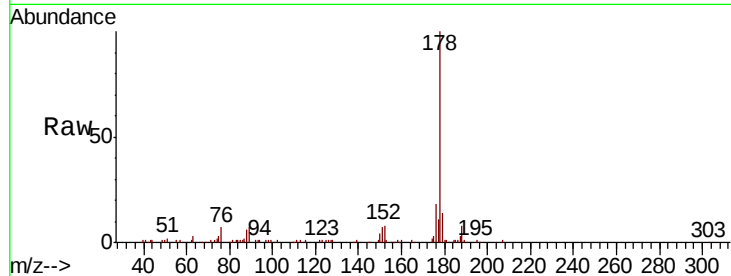
#16
 Anthracene
 Concen: 2.432 ng/ul
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG046356.D
 Acq: 19 Aug 2020 21:27

Instrument :
 BNA_G
 ClientSampled :
 BFME2

Tot Ion:178	Resp:	68917
Ion Ratio	Lower	Upper
178	100	
179	14.2	13.2 19.8
176	18.4	15.2 22.8

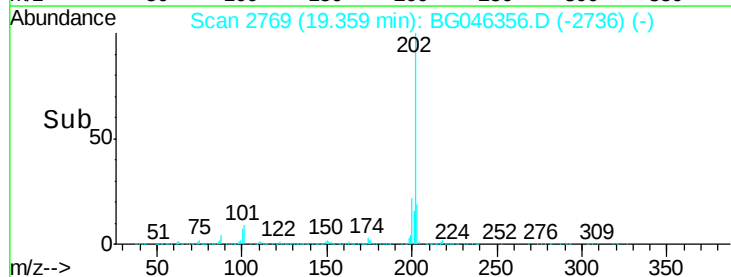
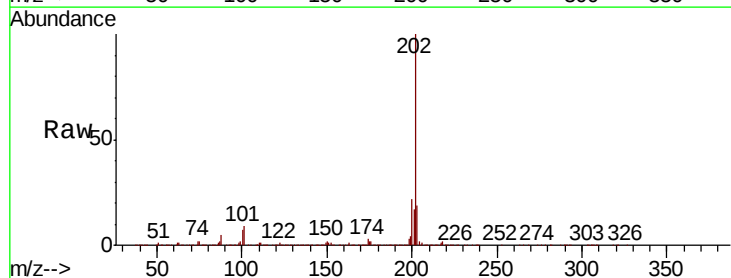
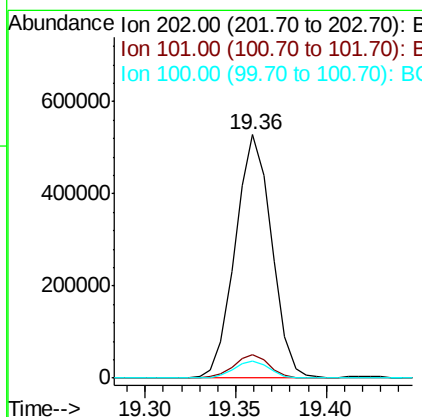
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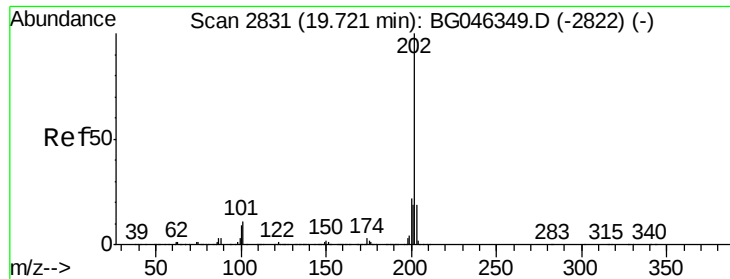
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#17
 Fluoranthene
 Concen: 23.504 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046356.D
 Acq: 19 Aug 2020 21:27

Tgt Ion:202	Resp:	736129
Ion Ratio	Lower	Upper
202	100	
101	9.4	7.8 11.6
100	7.1	5.9 8.9





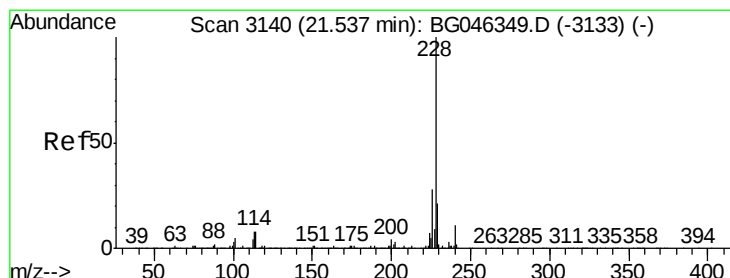
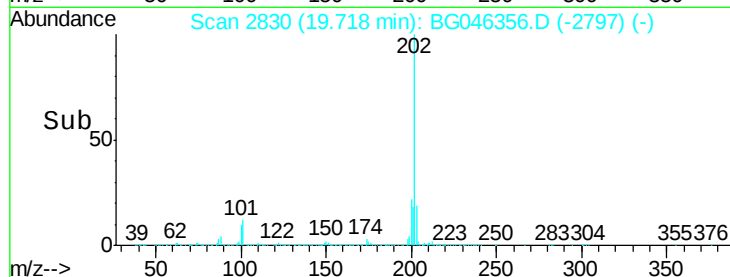
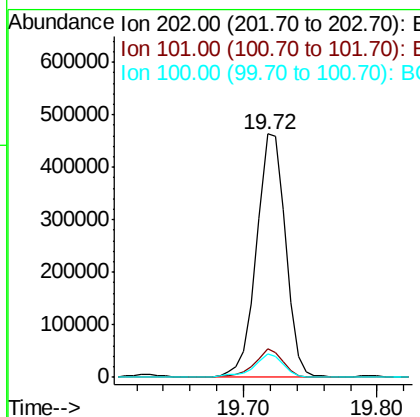
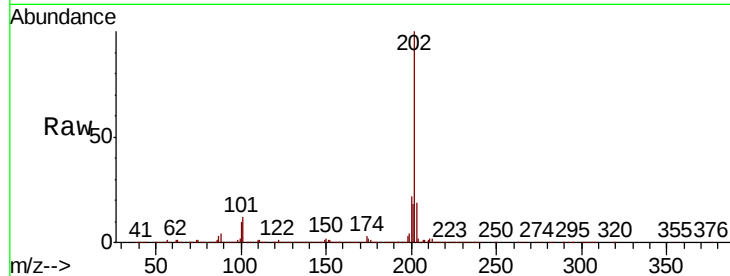
#20
Pvrene
Concen: 20.348 ng/ul
RT: 19.72 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

Instrument :
BNA_G
ClientSampleId :
BFME2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	691100		
101	11.5	8.9	13.3	
100	9.5	7.9	11.9	

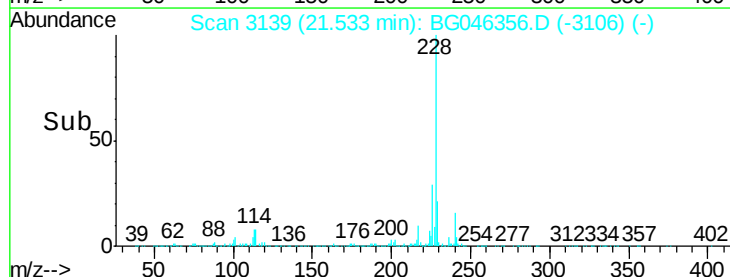
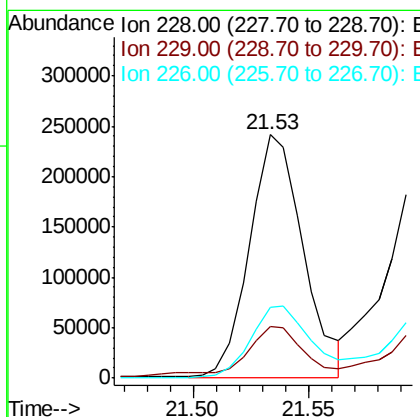
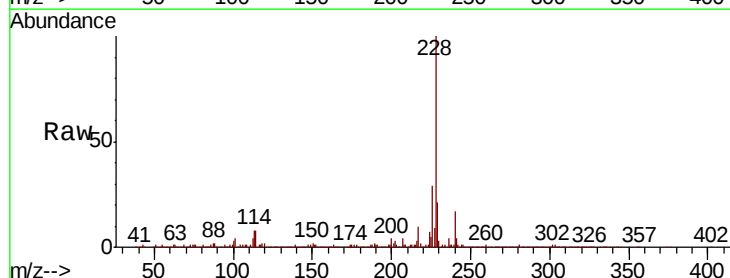
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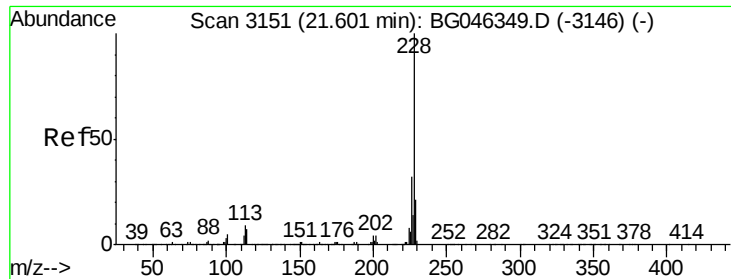
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#21
Benzo(a)anthracene
Concen: 11.609 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	390826		
229	21.0	16.6	25.0	
226	29.2	22.6	33.8	





#22

Chrysene

Concen: 12.587 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Instrument :

BNA_G

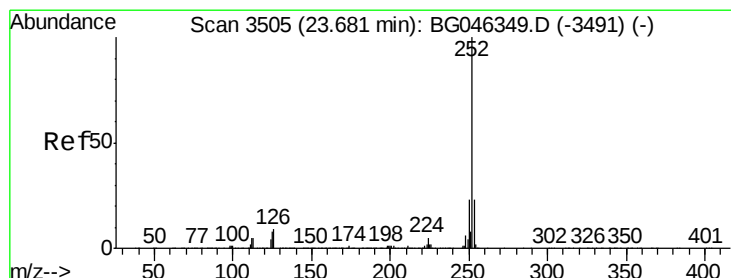
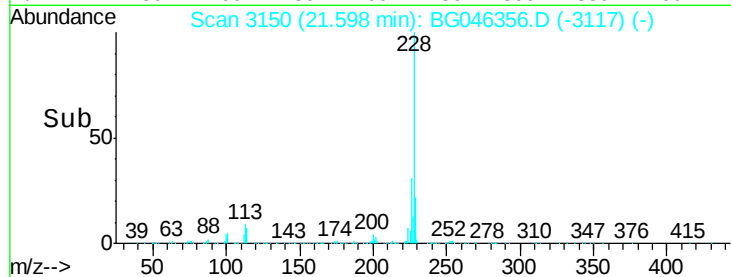
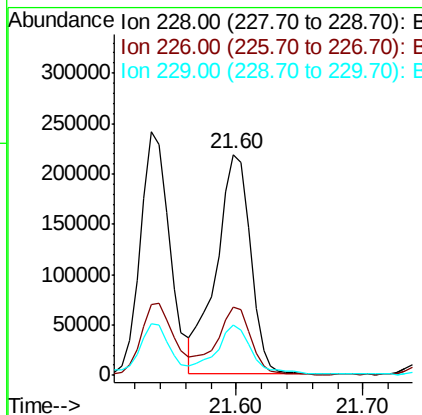
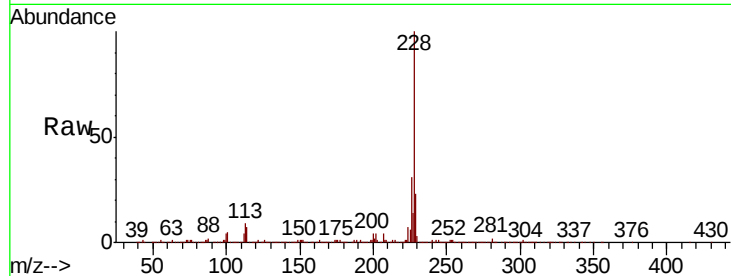
ClientSampleId :

BFME2

Tot Ion:	228	Resp:	409635
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.5	38.3
229	22.9	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 15.315 ng/ul

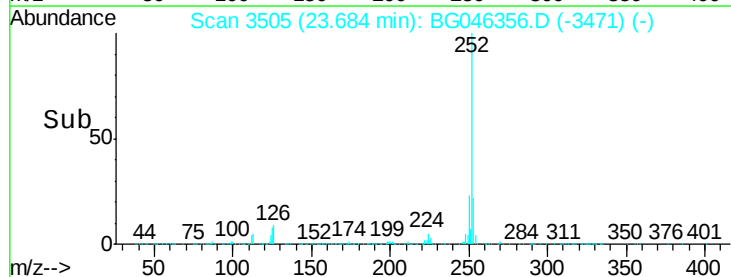
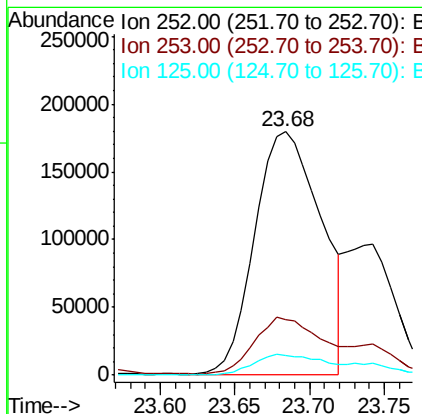
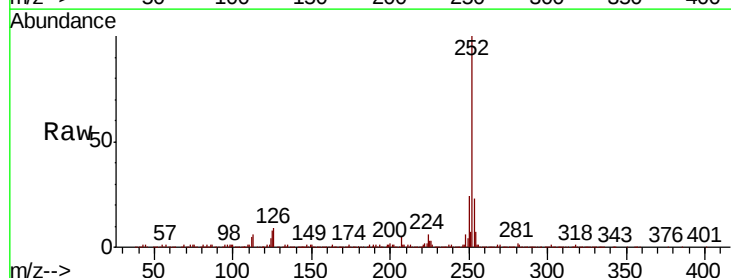
RT: 23.68 min Scan# 3505

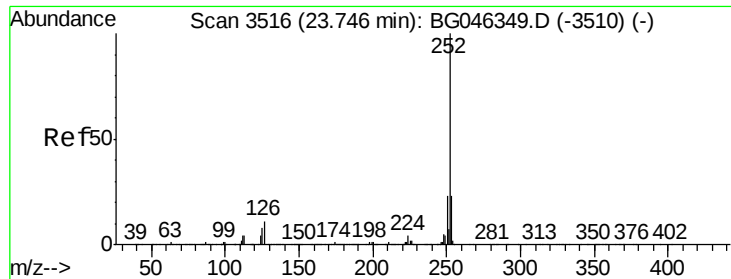
Delta R.T. 0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Tgt Ion:	252	Resp:	554057
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	8.1	6.4	9.6





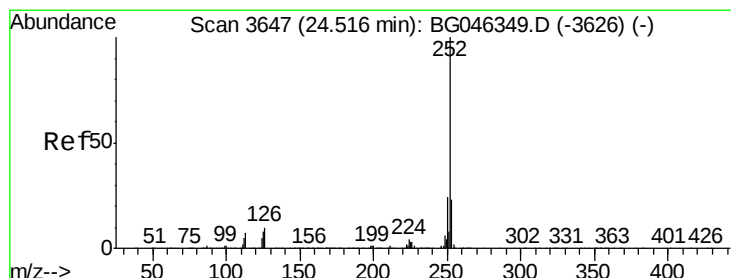
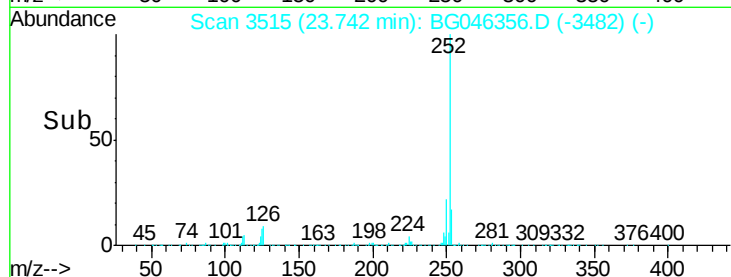
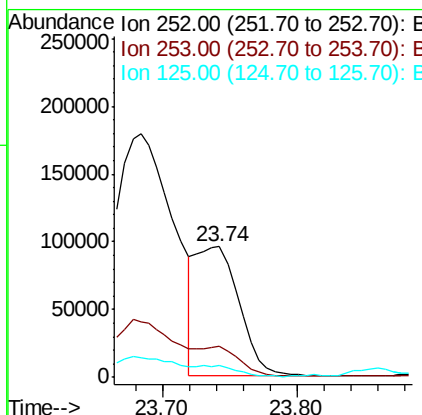
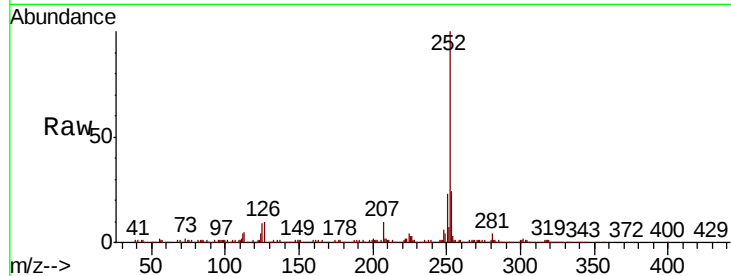
#25
Benzo(k)fluoranthene
Concen: 5.971 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

Instrument :
BNA_G
ClientSampled :
BFME2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	8.7	6.2	9.2

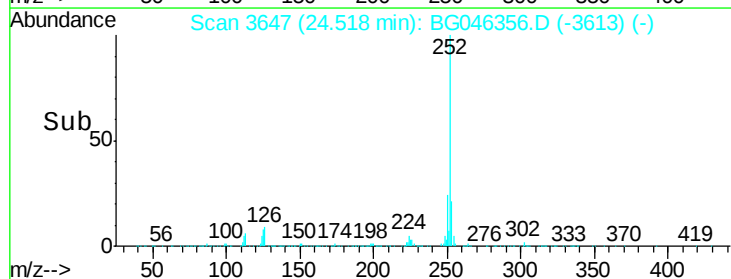
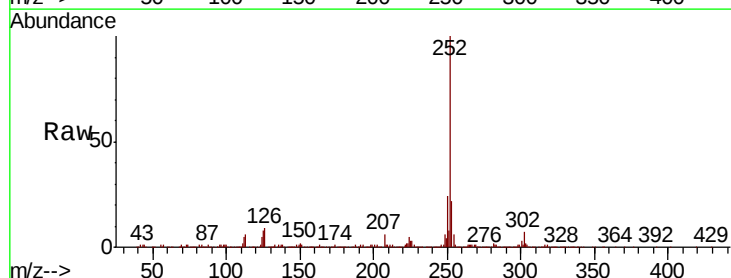
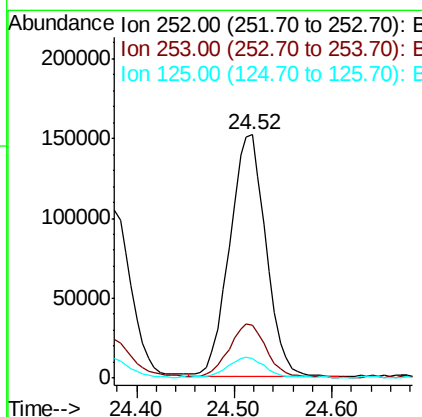
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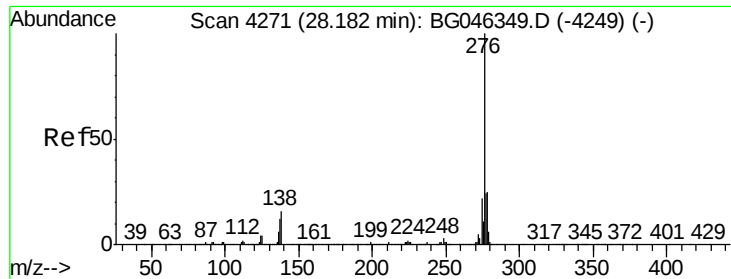
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#27
Benzo(a)pyrene
Concen: 11.773 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.1	7.1	10.7





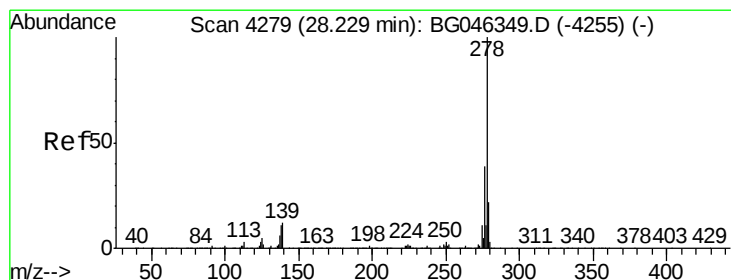
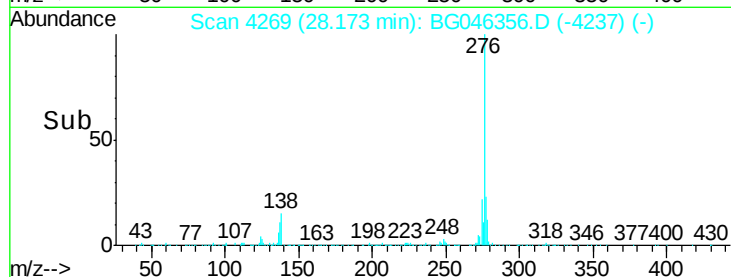
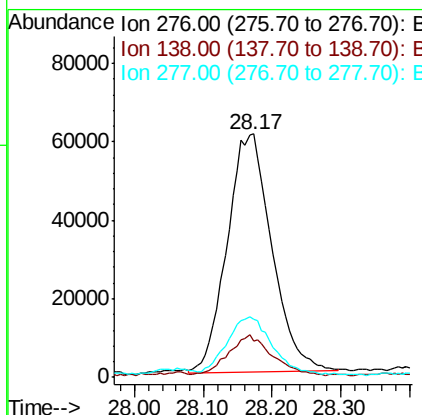
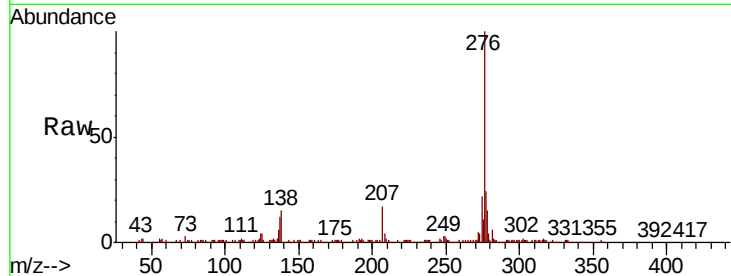
#28
Indeno(1,2,3-cd)pyrene
Concen: 6.593 ng/ul
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

Instrument :
BNA_G
ClientSampleId :
BFME2

Tot Ion	Ratio	Resp	Lower	Upper
276	100	274164		
138	15.1	13.2	19.8	
277	24.1	19.9	29.9	

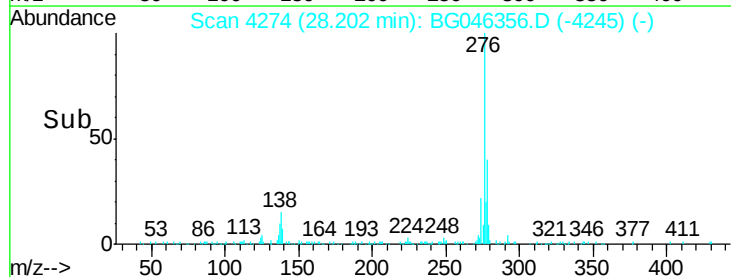
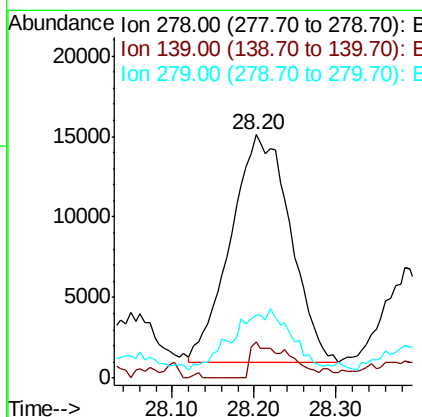
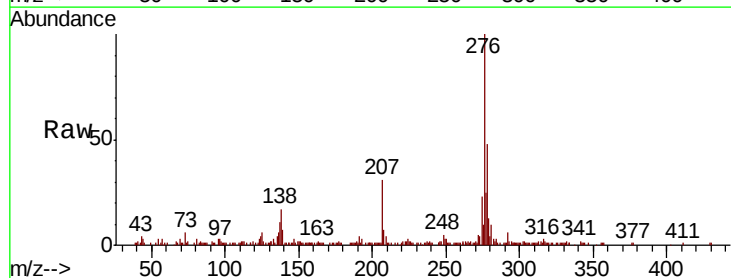
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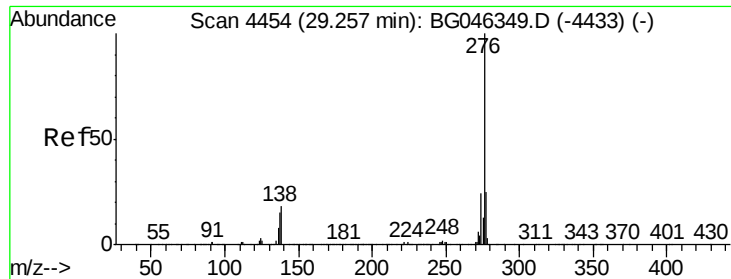
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#29
Dibenzo(a,h)anthracene
Concen: 2.126 ng/ul m
RT: 28.20 min Scan# 4274
Delta R.T. -0.03 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	71670		
139	14.6	9.8	14.8	
279	25.9	19.7	29.5	





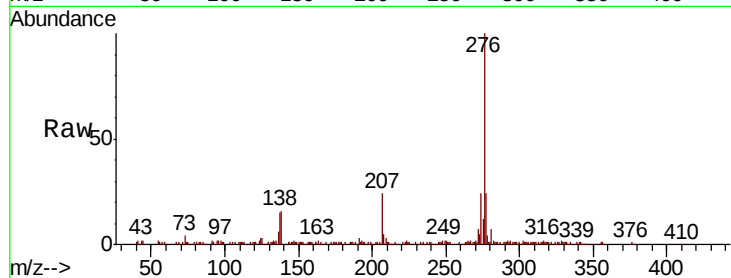
#30
 Benzo(a,h,i)perylene
 Concen: 6.348 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. 0.00 min
 Lab File: BG046356.D
 Acq: 19 Aug 2020 21:27

Instrument :
 BNA_G
 ClientSampleId :
 BFME2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	23.9	19.4	29.0

Manual Integrations
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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

