

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046297.D
 Acq On : 17 Aug 2020 14:30
 Operator : CG/JU
 Sample : L3632-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM83

Manual Integrations
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Quant Time: Aug 17 16:24:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	78282	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	313937	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	210125	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	496330	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	511295	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	547661	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	133651	24.72	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	540549	27.95	ng/ul	0.00
10) Fluorene-d10	15.56	176	408014	27.53	ng/ul	0.00
15) Anthracene-d10	17.41	188	640295	27.83	ng/ul	0.00
19) Pyrene-d10	19.69	212	765363	29.08	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	859643	28.76	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Acenaphthylene	14.29	152	24753	1.259	ng/ul	97
14) Phenanthrene	17.35	178	334928	12.266	ng/ul	98
16) Anthracene	17.44	178	73493	2.668	ng/ul	97
17) Fluoranthene	19.36	202	776066	25.490	ng/ul	99
20) Pyrene	19.72	202	740522	22.064	ng/ul	98
21) Benzo(a)anthracene	21.54	228	506778	15.234	ng/ul	97
22) Chrysene	21.60	228	500496	15.563	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	712127	19.663	ng/ul	99
25) Benzo(k)fluoranthene	23.73	252	299543m	8.338	ng/ul	
27) Benzo(a)pyrene	24.51	252	544884	16.388	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	419919	10.087	ng/ul	98
29) Dibenzo(a,h)anthracene	28.21	278	134425	3.982	ng/ul	96
30) Benzo(a,h,i)perylene	29.25	276	320625	9.202	ng/ul	99

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

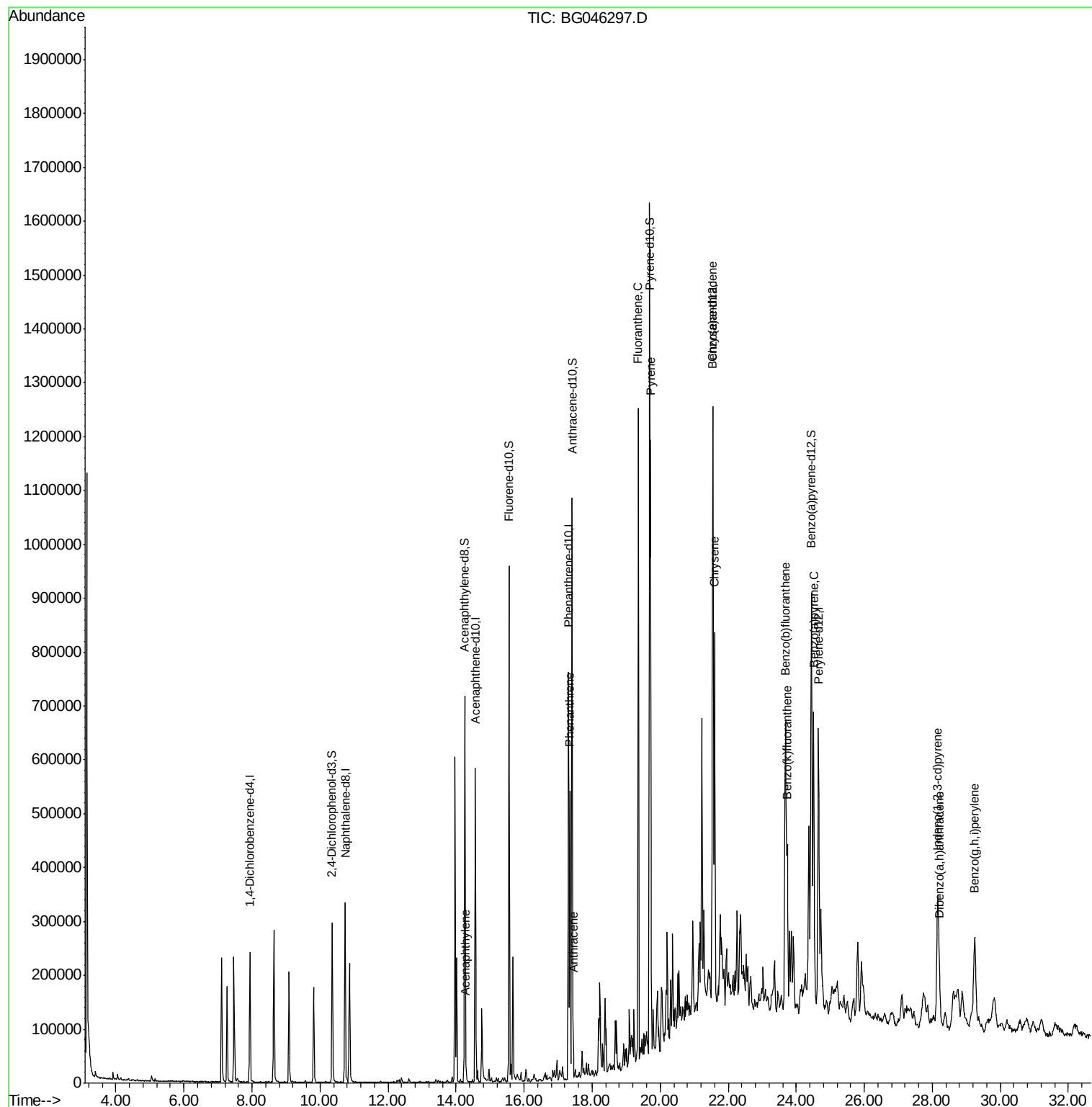
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046297.D
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ALS Vial : 5 Sample Multiplier: 1

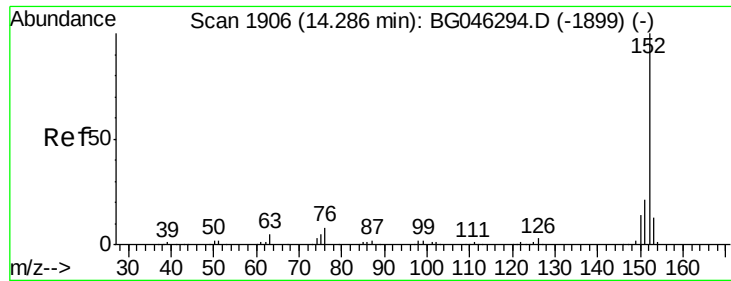
Instrument :
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Quant Time: Aug 17 16:24:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
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#8

Acenaphthylene

Concen: 1.259 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG046297.D

Acq: 17 Aug 2020 14:30

Instrument :

BNA_G

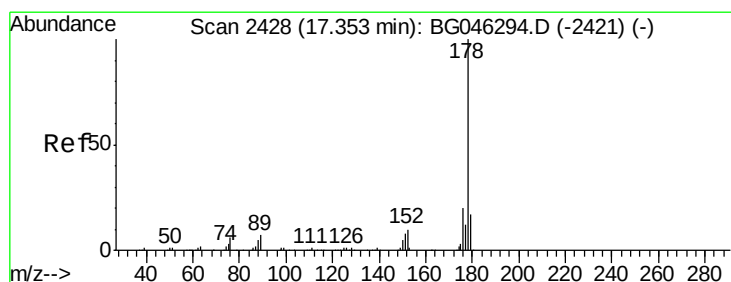
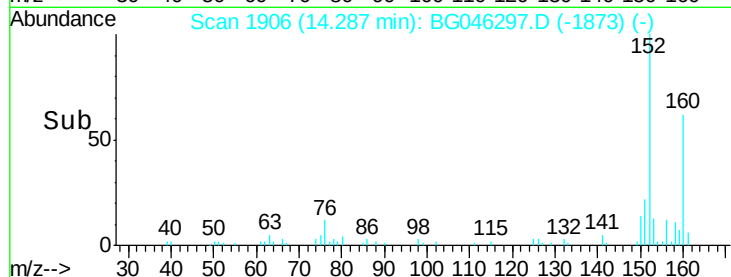
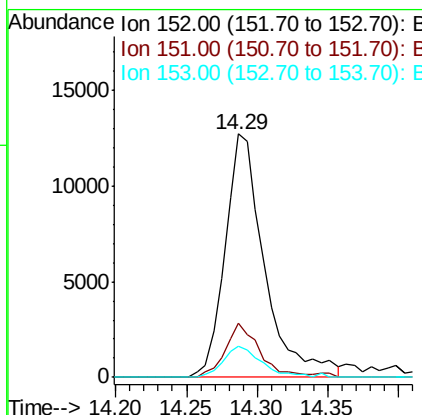
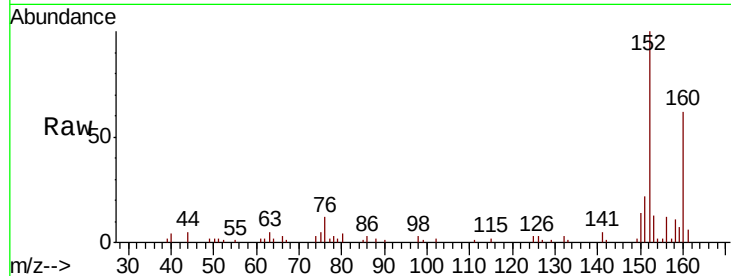
ClientSampleId :

BFM83

Tot Ion:	152	Resp:	24753
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.5	24.7
153	12.6	11.0	16.6

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#14

Phenanthrene

Concen: 12.266 ng/ul

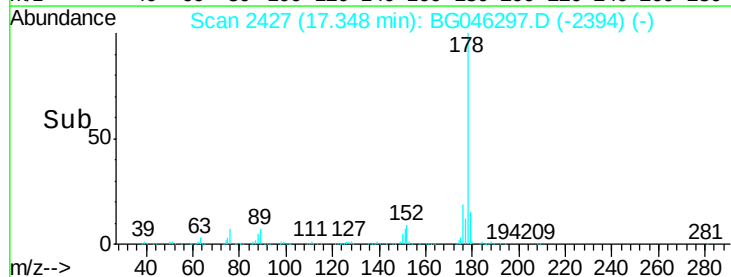
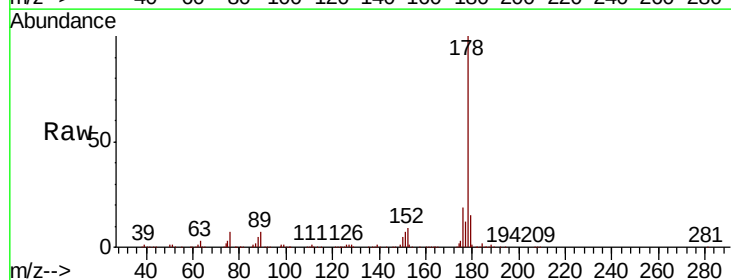
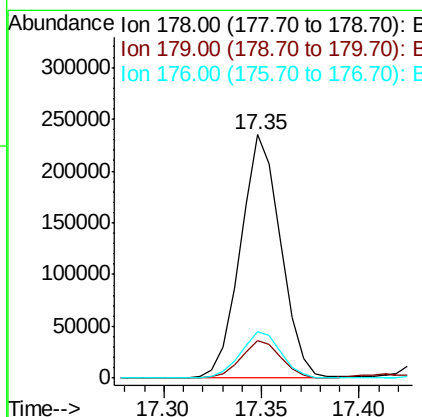
RT: 17.35 min Scan# 2427

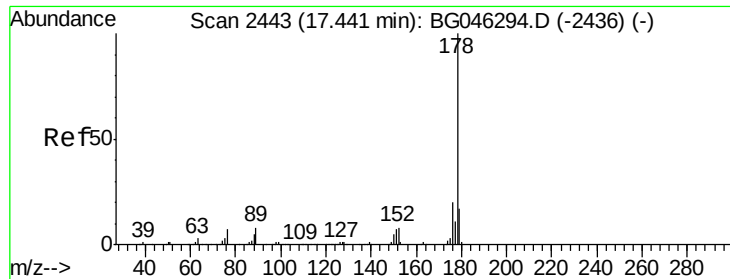
Delta R.T. -0.01 min

Lab File: BG046297.D

Acq: 17 Aug 2020 14:30

Tgt Ion:	178	Resp:	334928
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.8	19.2
176	19.0	15.8	23.8





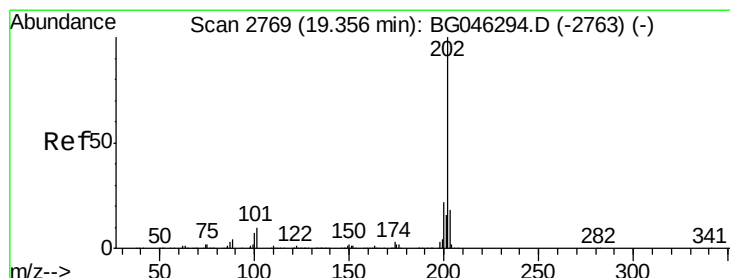
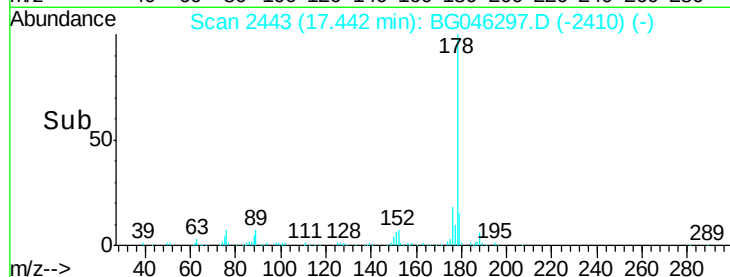
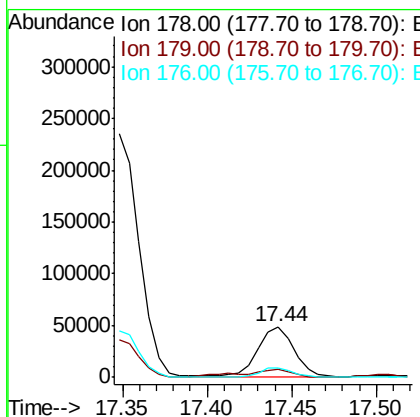
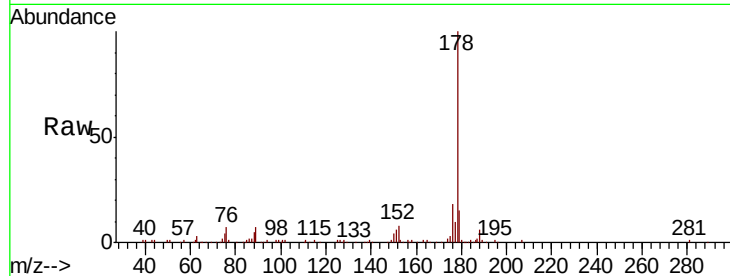
#16
 Anthracene
 Concen: 2.668 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046297.D
 Acq: 17 Aug 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 BFM83

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.2	19.8
176	17.8	15.2	22.8

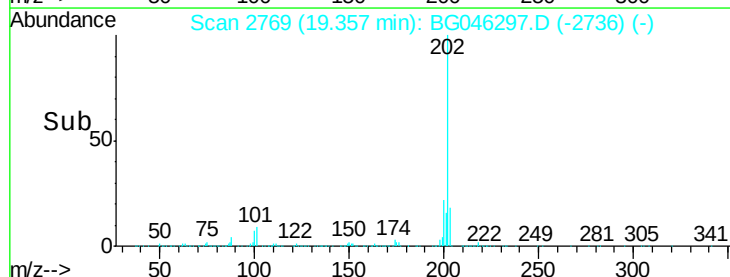
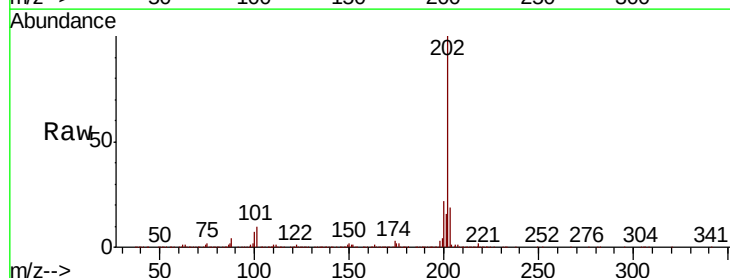
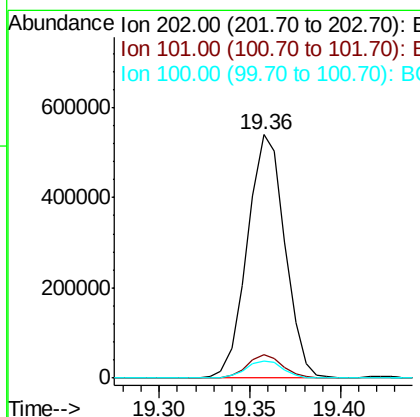
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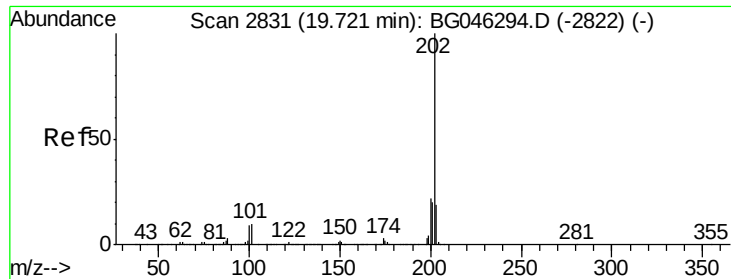
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#17
 Fluoranthene
 Concen: 25.490 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG046297.D
 Acq: 17 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.6
100	7.0	5.9	8.9





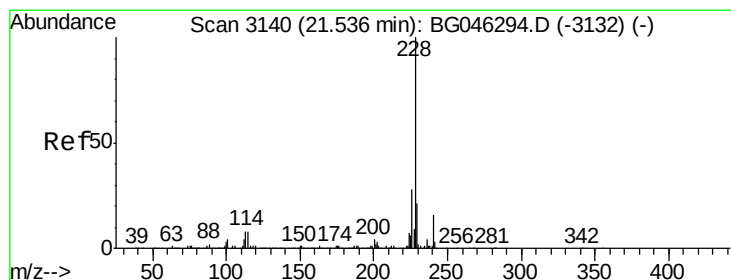
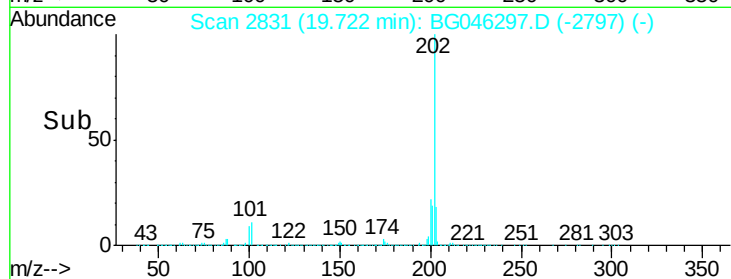
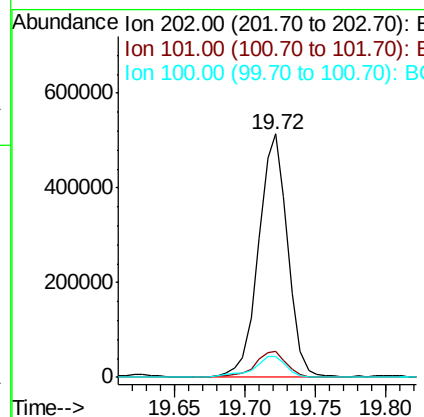
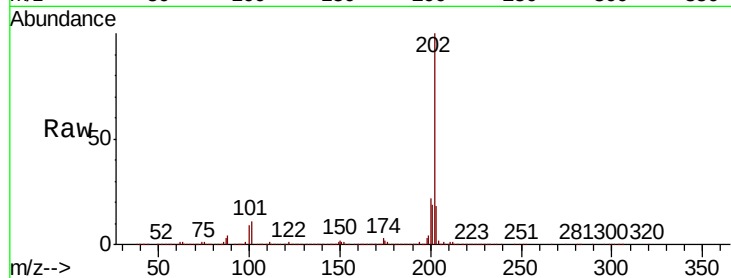
#20
Pvrene
Concen: 22.064 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046297.D
Acq: 17 Aug 2020 14:30

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.5	8.9	13.3	
100	8.6	7.9	11.9	

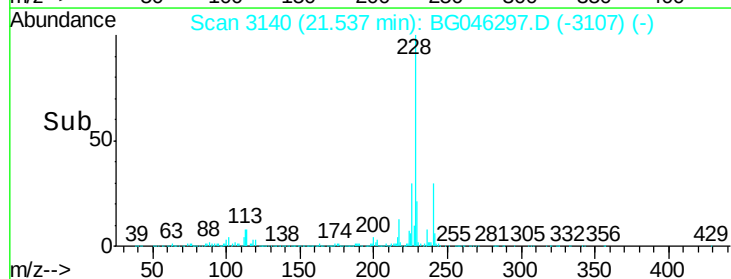
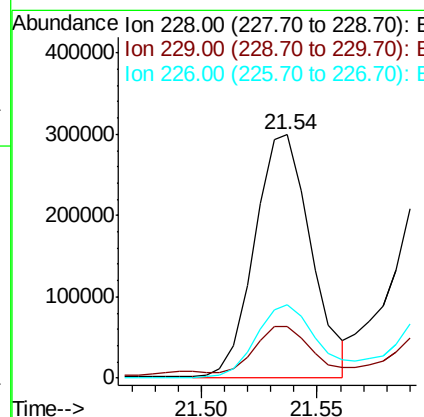
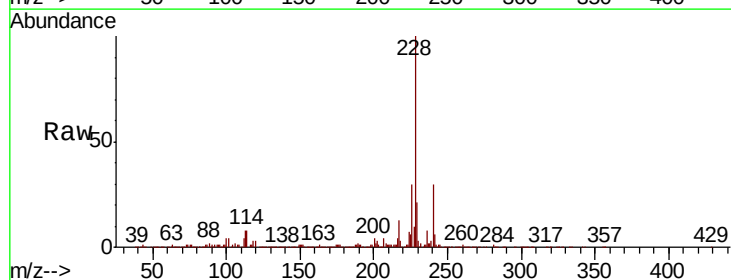
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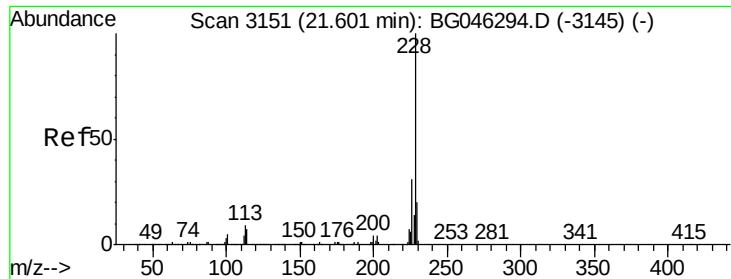
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#21
Benzo(a)anthracene
Concen: 15.234 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046297.D
Acq: 17 Aug 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	21.3	16.6	25.0	
226	30.4	22.6	33.8	





#22

Chrysene

Concen: 15.563 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG046297.D

Acq: 17 Aug 2020 14:30

Instrument :

BNA_G

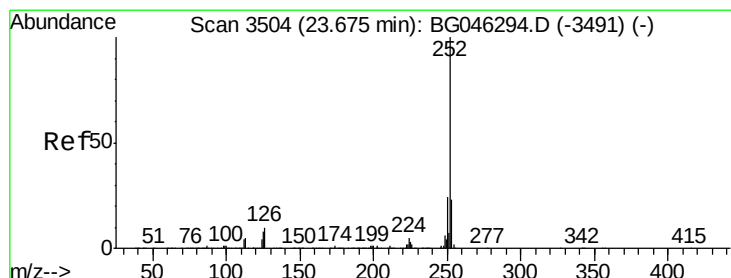
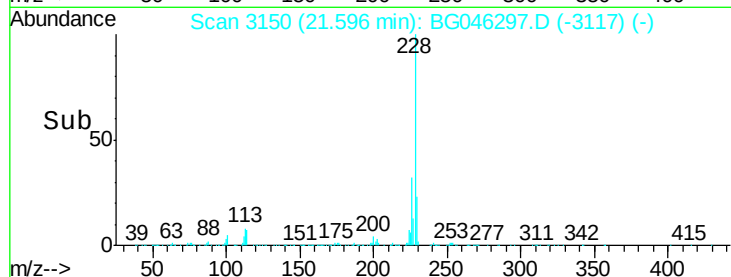
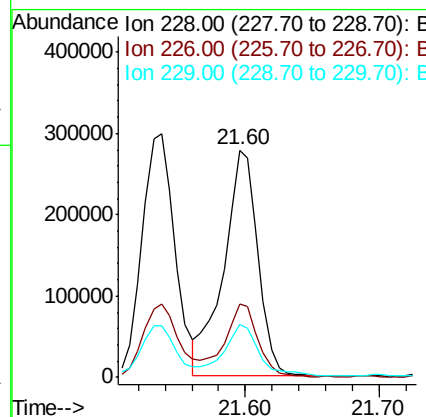
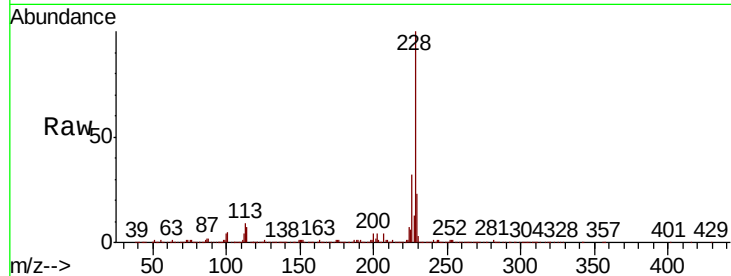
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.2	25.5	38.3	
229	23.2	17.0	25.4	

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#24

Benzo(b)fluoranthene

Concen: 19.663 ng/ul

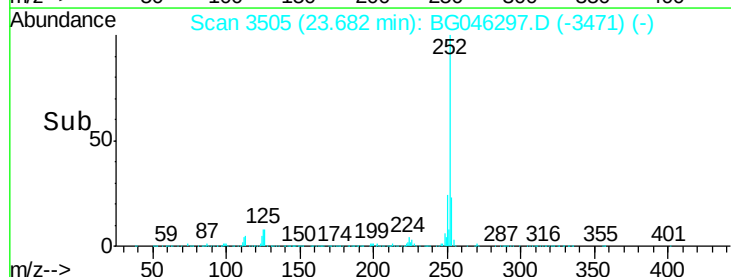
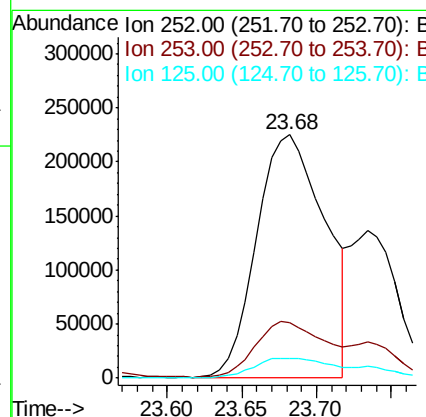
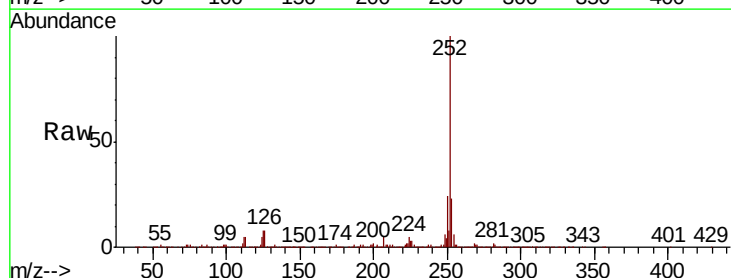
RT: 23.68 min Scan# 3505

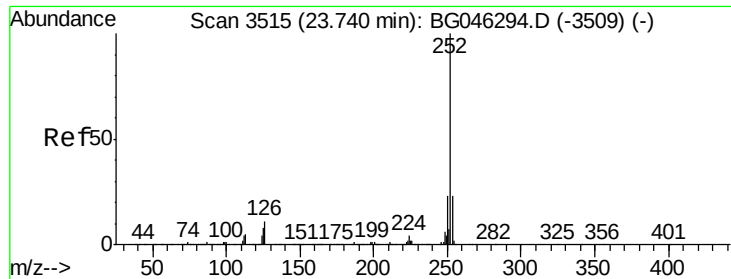
Delta R.T. -0.00 min

Lab File: BG046297.D

Acq: 17 Aug 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.0	17.8	26.6	
125	8.2	6.4	9.6	





#25

Benzo(k)fluoranthene

Concen: 8.338 ng/ul m

RT: 23.73 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046297.D

Acq: 17 Aug 2020 14:30

Instrument :

BNA_G

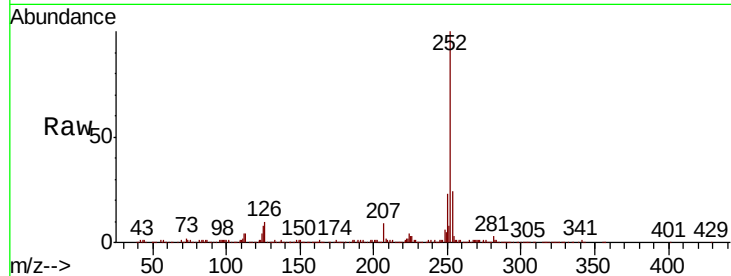
ClientSampleId :

BFM83

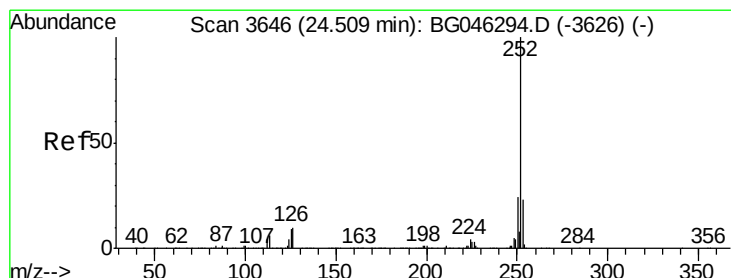
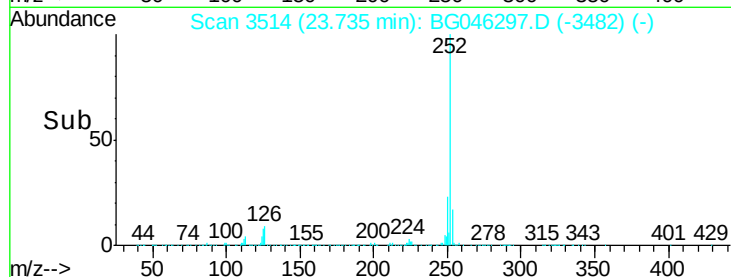
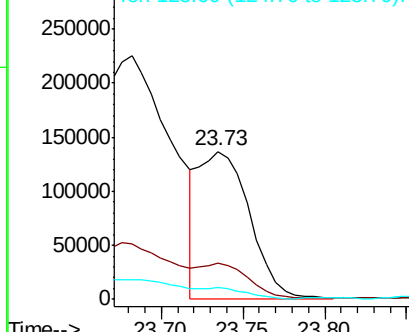
Tot Ion:	252	Resp:	299543
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.5	27.7
125	8.0	6.2	9.2

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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: 16.388 ng/ul

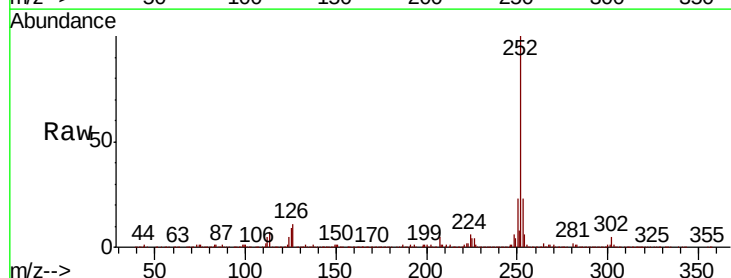
RT: 24.51 min Scan# 3646

Delta R.T. -0.01 min

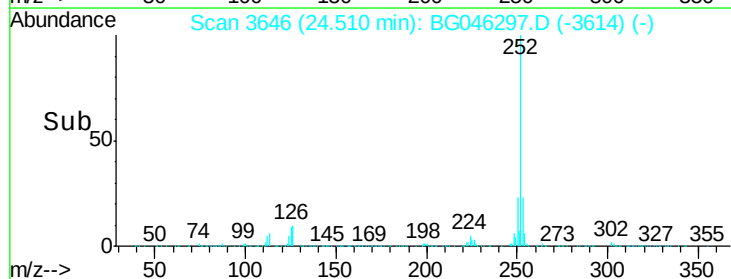
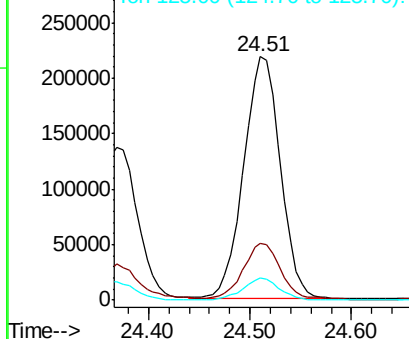
Lab File: BG046297.D

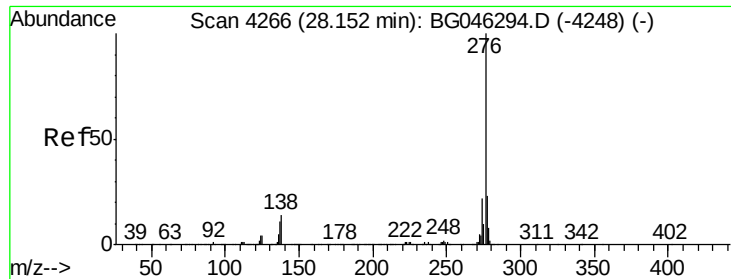
Acq: 17 Aug 2020 14:30

Tgt Ion:	252	Resp:	544884
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	8.9	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





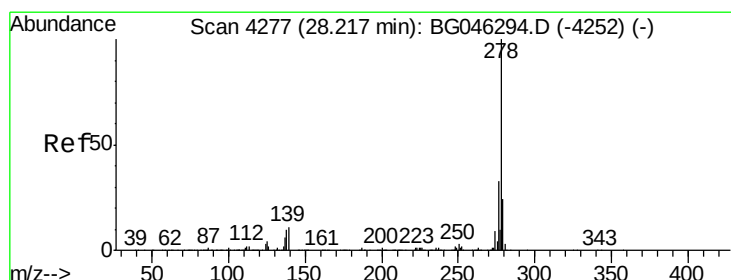
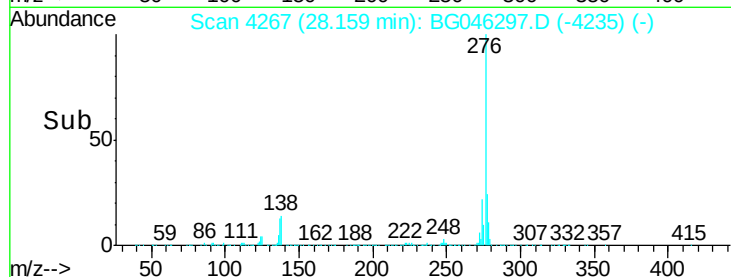
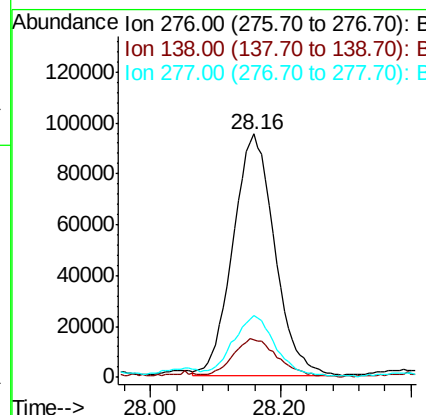
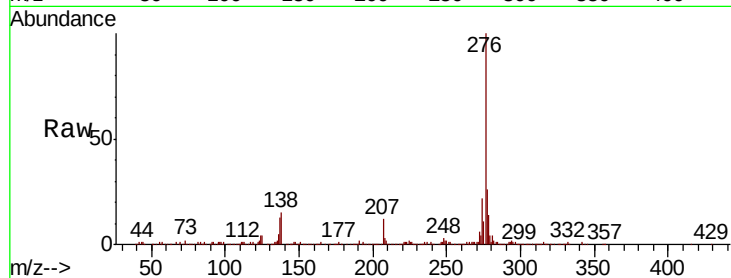
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 10.087 ng/ul
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046297.D
 Acq: 17 Aug 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 BFM83

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	13.2	19.8
277	25.6	19.9	29.9

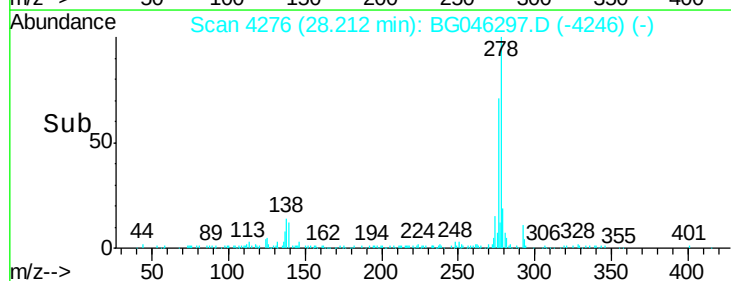
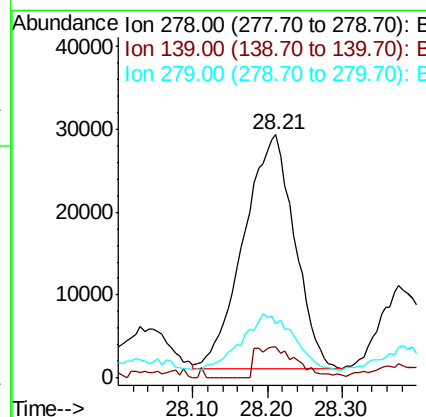
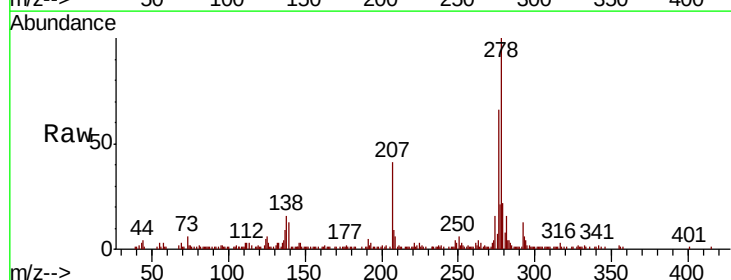
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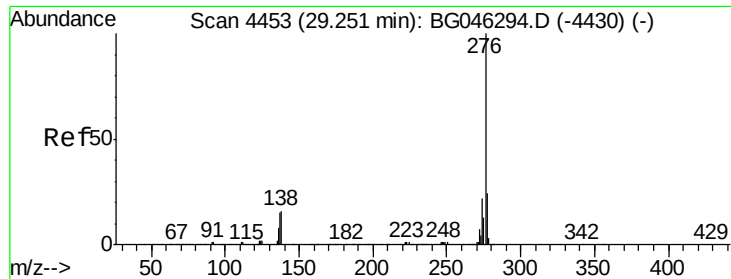
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#29
 Dibenzo(a,h)anthracene
 Concen: 3.982 ng/ul
 RT: 28.21 min Scan# 4276
 Delta R.T. -0.03 min
 Lab File: BG046297.D
 Acq: 17 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.8
279	22.1	19.7	29.5





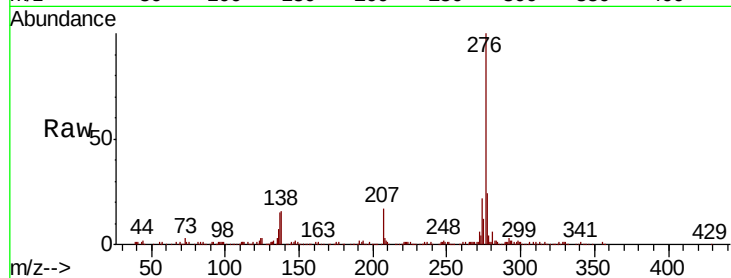
#30
 Benzo(a,h,i)perylene
 Concen: 9.202 ng/ul
 RT: 29.25 min Scan# 4453
 Delta R.T. -0.01 min
 Lab File: BG046297.D
 Acq: 17 Aug 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 BFM83

Tot Ion:	276	Resp:	320625
Ion Ratio	Lower	Upper	
276	100		
138	15.8	12.9	19.3
277	23.5	19.4	29.0

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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

