

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046318.D
 Acq On : 18 Aug 2020 8:26
 Operator : CG/JU
 Sample : L3632-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM88

Manual Integrations
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Quant Time: Aug 18 12:10:33 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	89833	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.73	136	359236	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.57	164	238967	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	539053	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	542806	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	570583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	97181	15.71	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	376224	17.11	ng/ul	0.00
10) Fluorene-d10	15.56	176	271487	16.11	ng/ul	0.00
15) Anthracene-d10	17.41	188	408651	16.35	ng/ul	0.00
19) Pyrene-d10	19.69	212	463870	16.60	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	472027	15.16	ng/ul	0.00
Target Compounds				Qvalue		
11) Fluorene	15.62	166	29670	1.589	ng/ul	94
14) Phenanthrene	17.35	178	656952	22.153	ng/ul	98
16) Anthracene	17.44	178	56806	1.898	ng/ul	99
17) Fluoranthene	19.36	202	767479	23.210	ng/ul	99
20) Pyrene	19.72	202	536143	15.047	ng/ul	99
21) Benzo(a)anthracene	21.54	228	196372	5.560	ng/ul	99
22) Chrysene	21.60	228	307357	9.003	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	371095	9.835	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	116439m	3.111	ng/ul	
27) Benzo(a)pyrene	24.51	252	170647	4.926	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.16	276	150706	3.475	ng/ul	98
29) Dibenzo(a,h)anthracene	28.21	278	45178m	1.285	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	101767	2.804	ng/ul	99

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

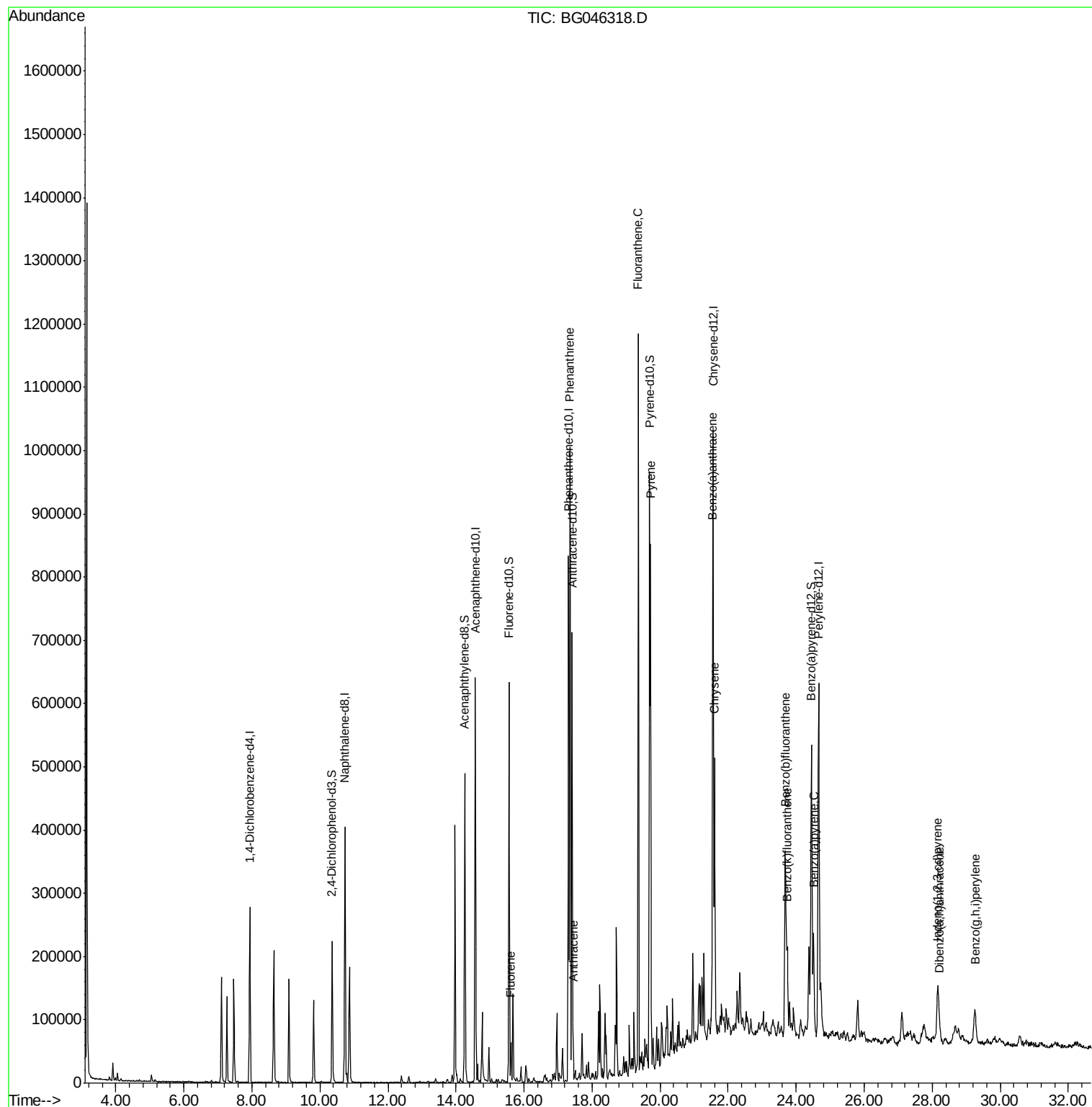
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046318.D
Acq On : 18 Aug 2020 8:26
Operator : CG/JU
Sample : L3632-10
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ALS Vial : 25 Sample Multiplier: 1

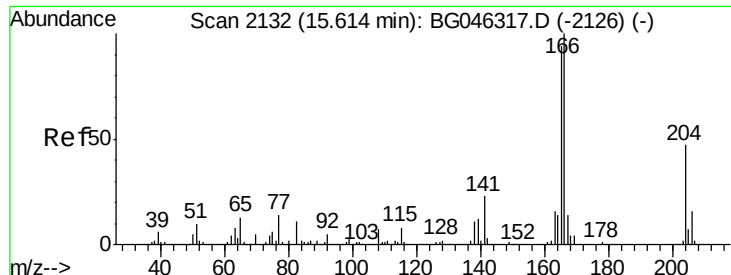
Instrument :
BNA_G
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BFM88

Quant Time: Aug 18 12:10:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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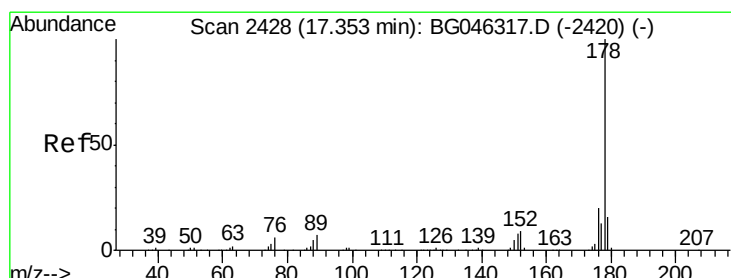
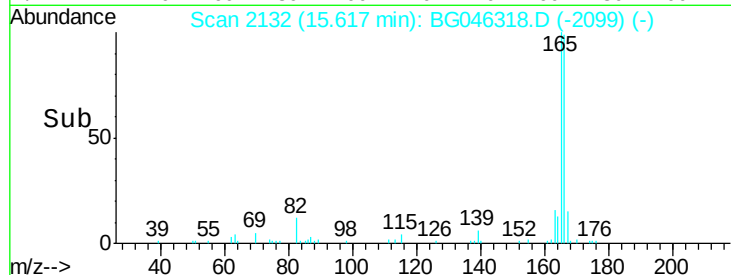
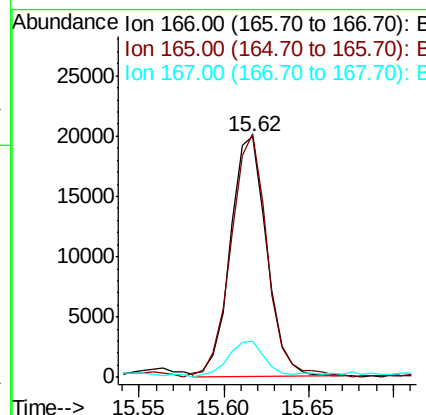
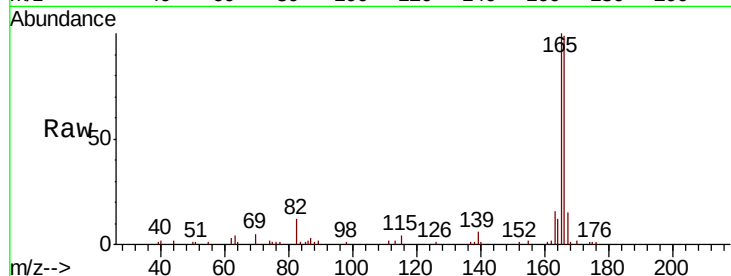
#11
 Fluorene
 Concen: 1.589 ng/ul
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG046318.D
 Acq: 18 Aug 2020 8:26

Instrument :
 BNA_G
 ClientSampled :
 BFM88

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	75.9	113.9
167	15.1	10.7	16.1

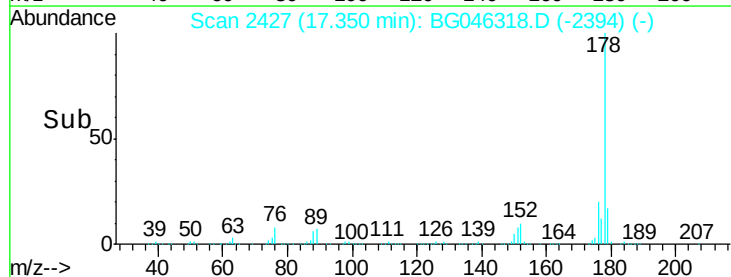
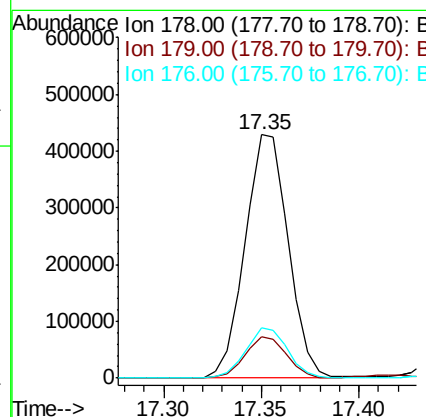
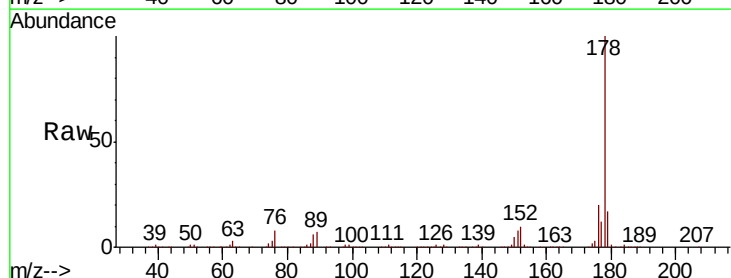
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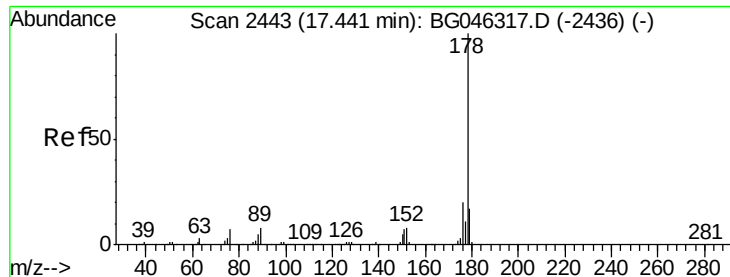
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#14
 Phenanthrene
 Concen: 22.153 ng/ul
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG046318.D
 Acq: 18 Aug 2020 8:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	20.4	15.8	23.8





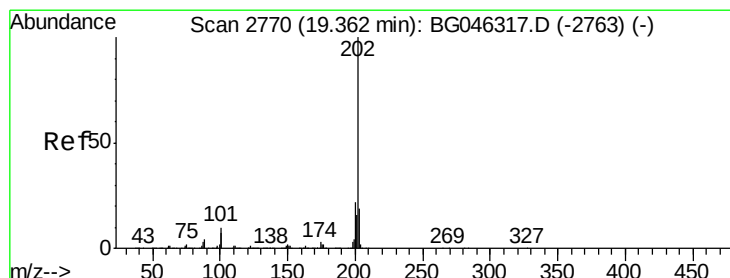
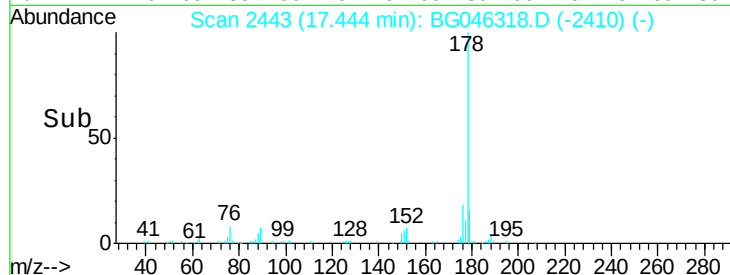
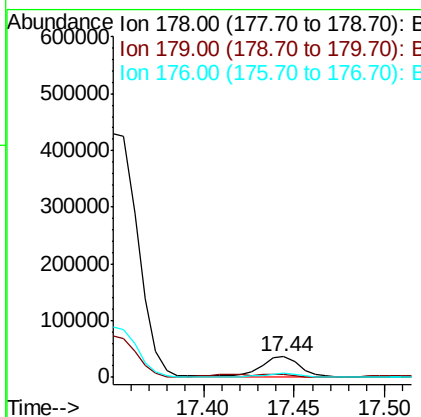
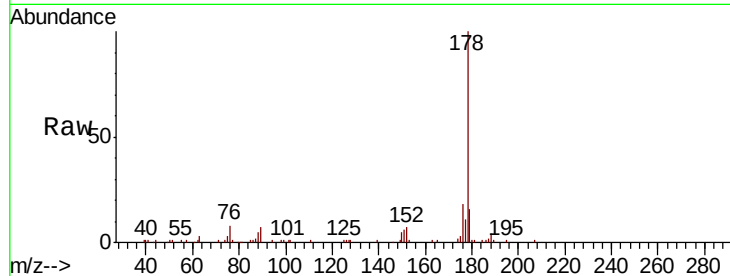
#16
 Anthracene
 Concen: 1.898 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046318.D
 Acq: 18 Aug 2020 8:26

Instrument :
 BNA_G
 ClientSampled :
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Tot Ion:178	Resp:	56806
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.2 19.8
176	18.2	15.2 22.8

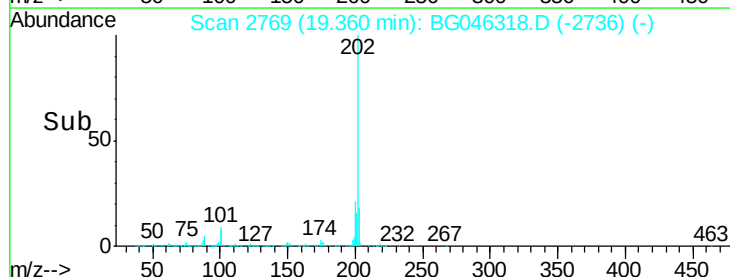
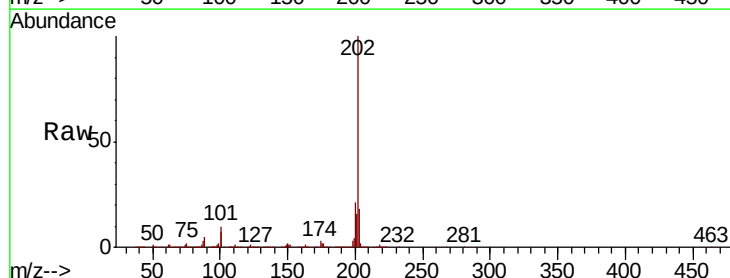
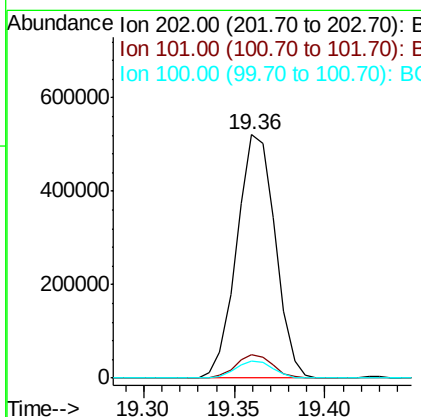
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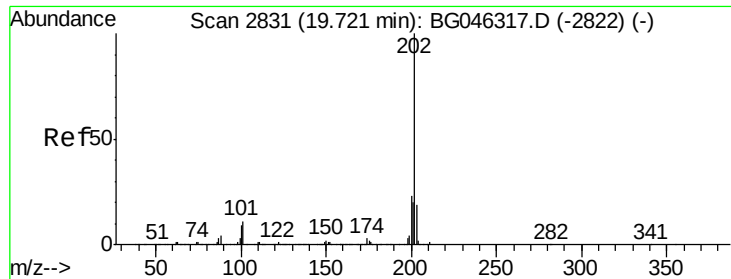
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#17
 Fluoranthene
 Concen: 23.210 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG046318.D
 Acq: 18 Aug 2020 8:26

Tgt Ion:202	Resp:	767479
Ion Ratio	Lower	Upper
202	100	
101	9.5	7.8 11.6
100	7.1	5.9 8.9





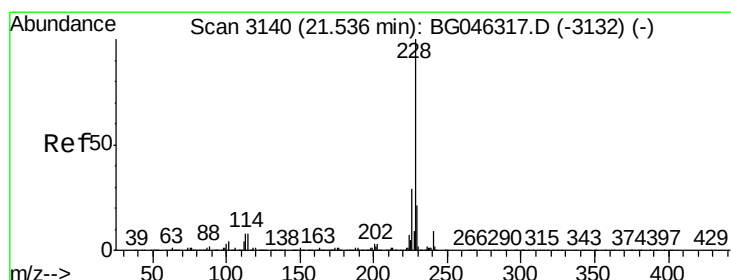
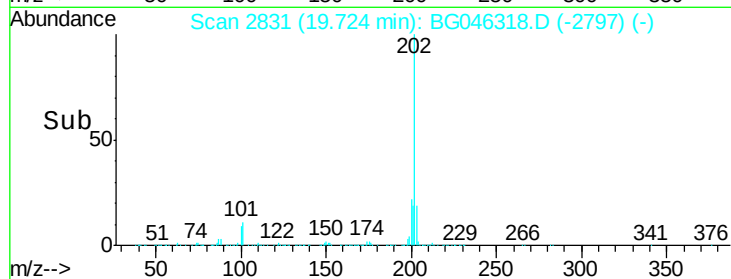
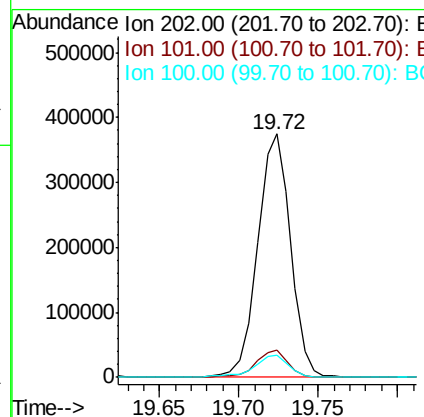
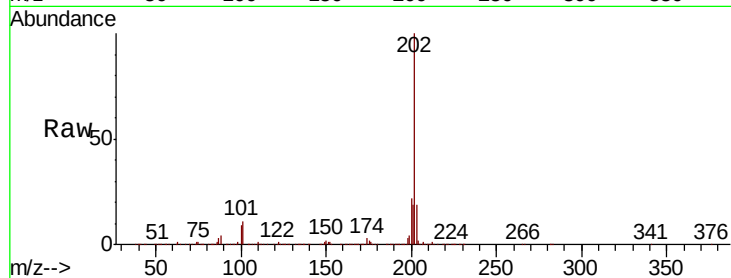
#20
Pvrene
Concen: 15.047 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046318.D
Acq: 18 Aug 2020 8:26

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	8.9	13.3
100	9.1	7.9	11.9

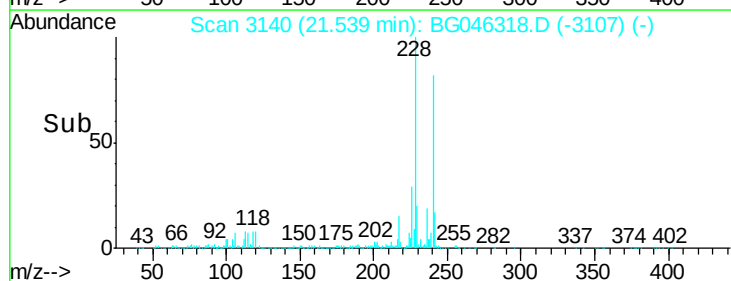
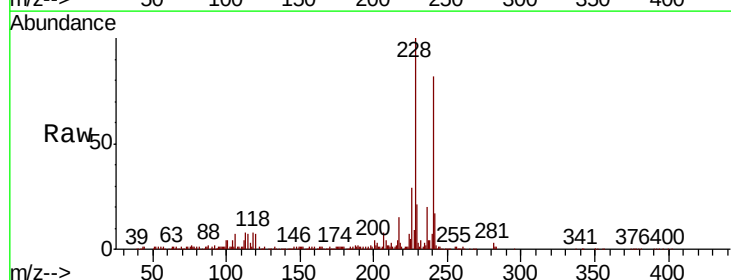
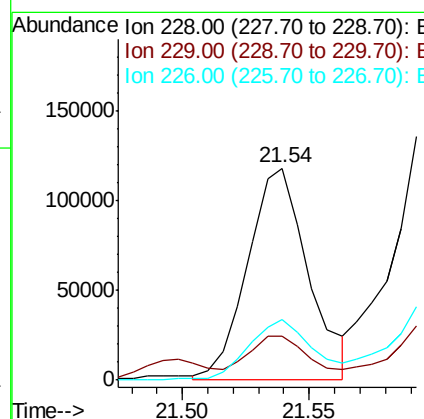
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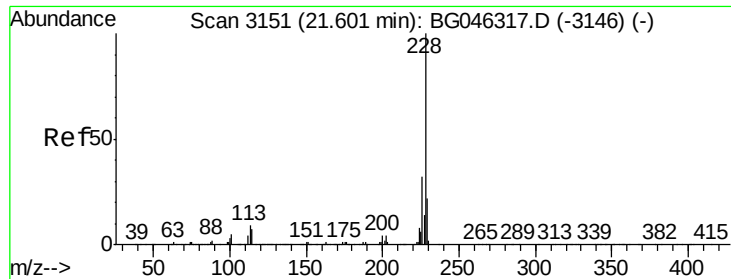
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#21
Benzo(a)anthracene
Concen: 5.560 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046318.D
Acq: 18 Aug 2020 8:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	16.6	25.0
226	28.8	22.6	33.8





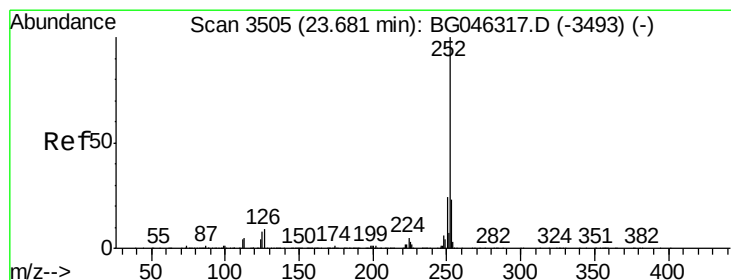
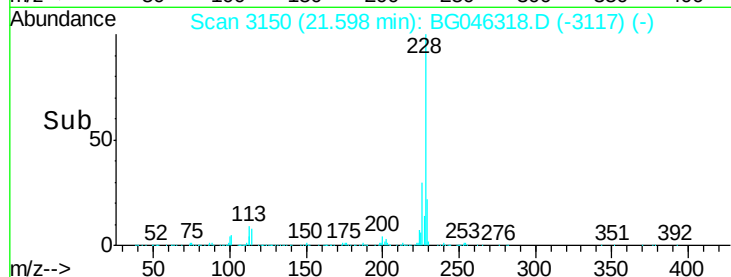
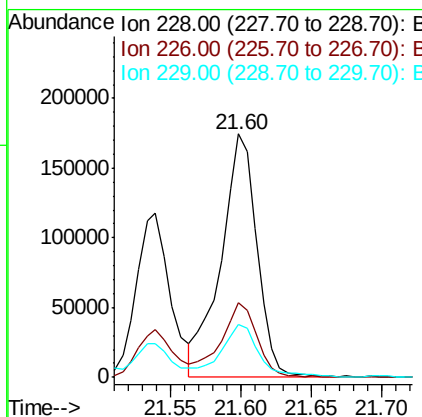
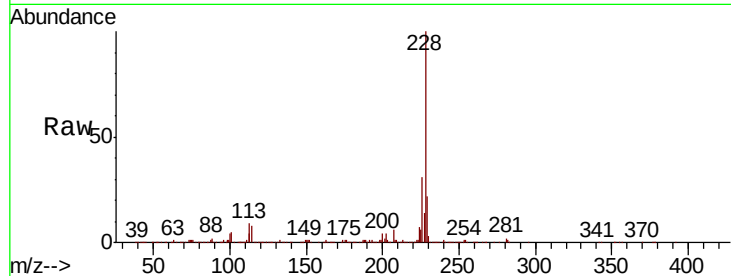
#22
Chrysene
Concen: 9.003 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG046318.D
Acq: 18 Aug 2020 8:26

Instrument :
BNA_G
ClientSampleId :
BFM88

Tot Ion:	228	Resp:	307357
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.5	38.3
229	22.0	17.0	25.4

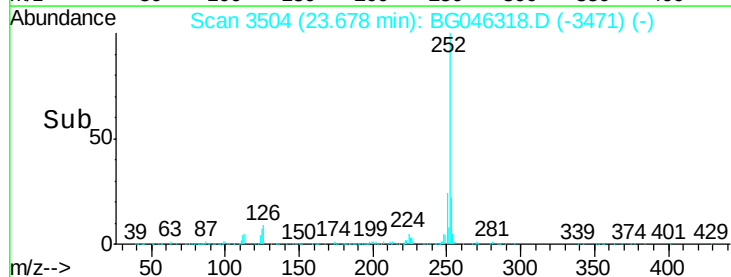
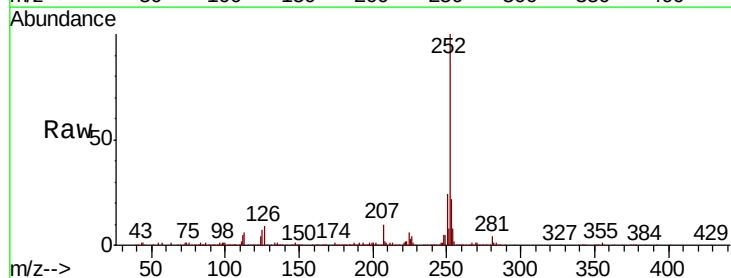
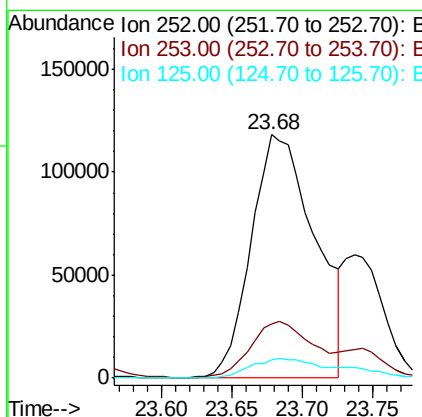
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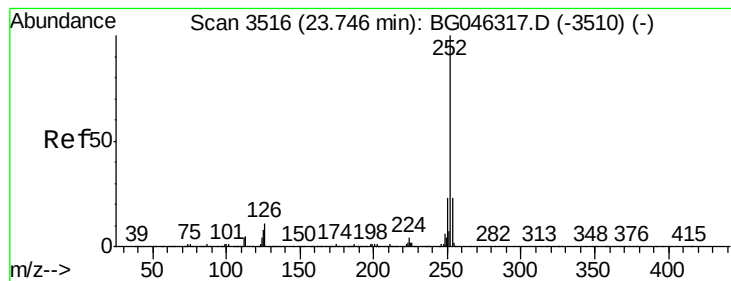
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#24
Benzo(b)fluoranthene
Concen: 9.835 ng/ul
RT: 23.68 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG046318.D
Acq: 18 Aug 2020 8:26

Tgt Ion:	252	Resp:	371095
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	7.3	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 3.111 ng/ul m

RT: 23.74 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046318.D

Acq: 18 Aug 2020 8:26

Instrument :

BNA_G

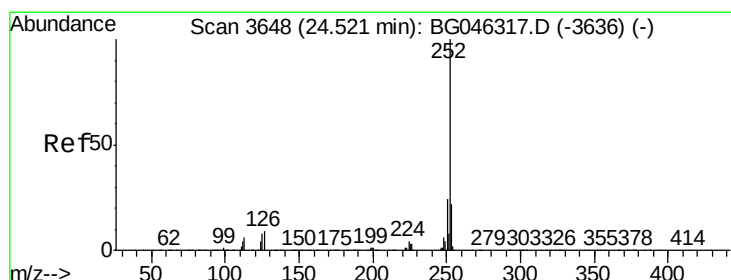
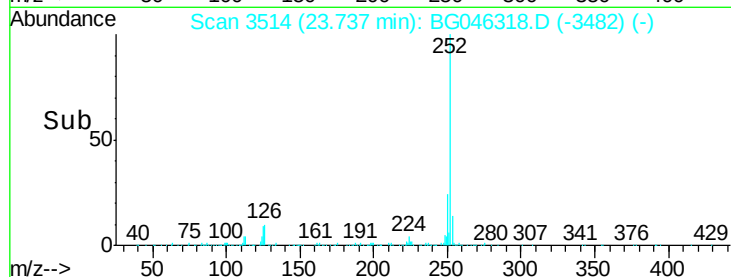
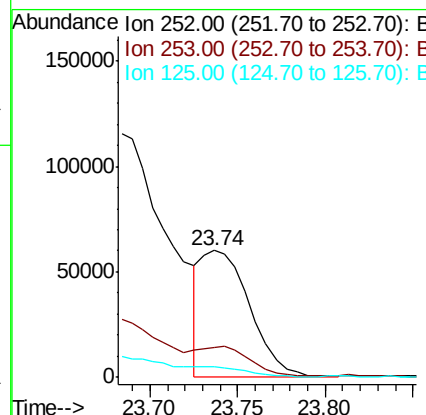
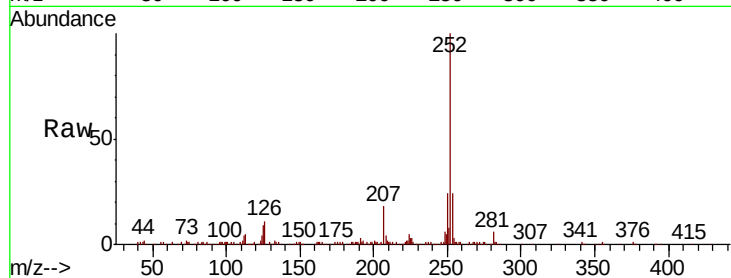
ClientSampleId :

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Tot Ion:	252	Resp:	116439
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.5	27.7
125	8.9	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 4.926 ng/ul

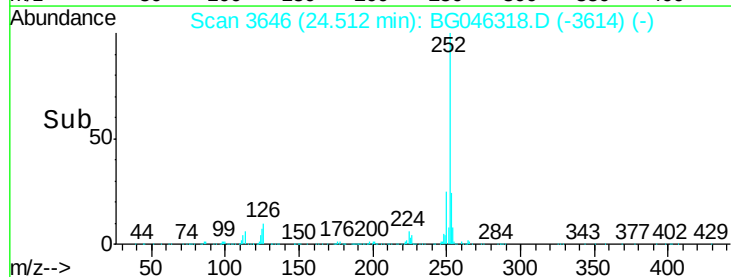
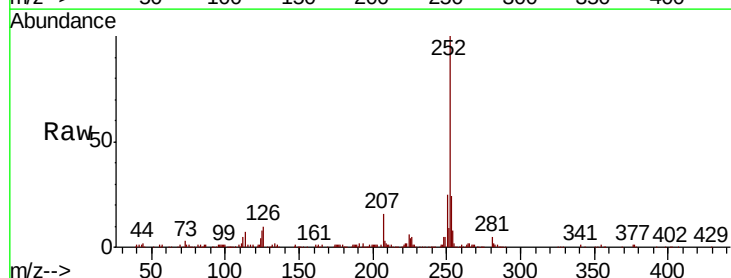
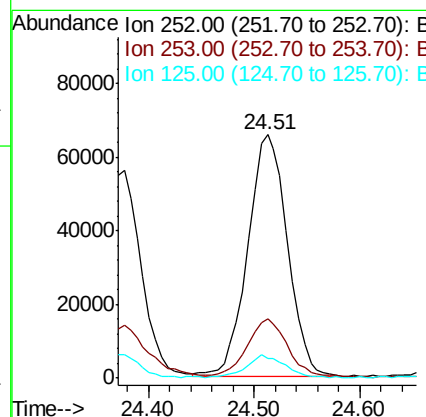
RT: 24.51 min Scan# 3646

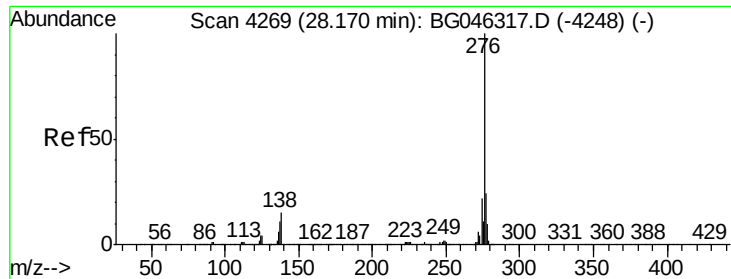
Delta R.T. -0.01 min

Lab File: BG046318.D

Acq: 18 Aug 2020 8:26

Tgt Ion:	252	Resp:	170647
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.8
125	8.2	7.1	10.7





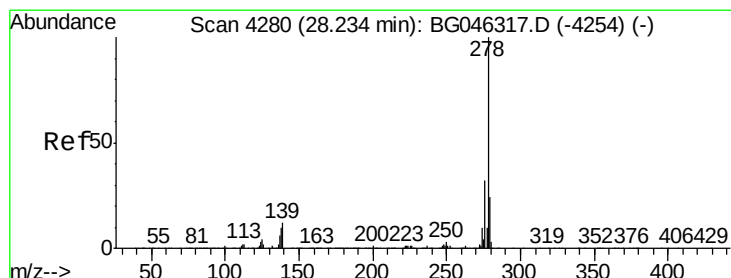
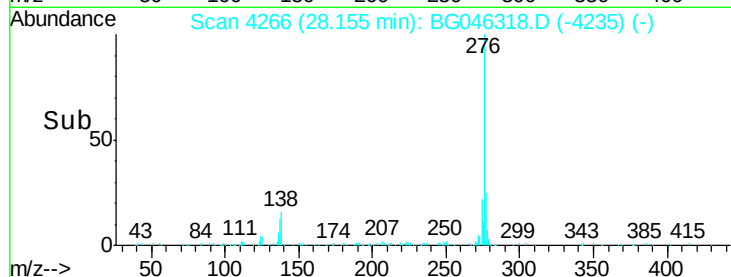
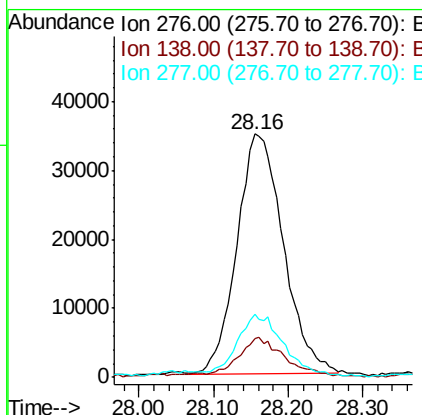
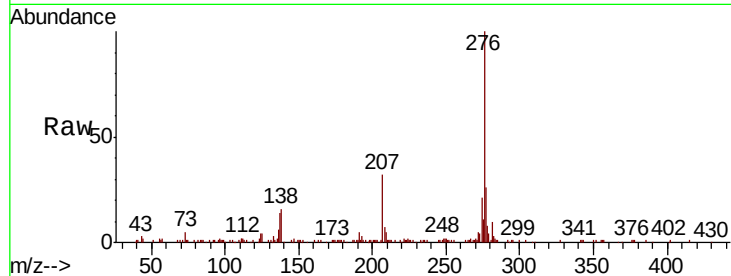
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 3.475 ng/ul
 RT: 28.16 min Scan# 4266
 Delta R.T. -0.02 min
 Lab File: BG046318.D
 Acq: 18 Aug 2020 8:26

Instrument :
 BNA_G
 ClientSampleId :
 BFM88

Tot Ion:	276	Resp:	150706
Ion Ratio	Lower	Upper	
276	100		
138	16.0	13.2	19.8
277	26.0	19.9	29.9

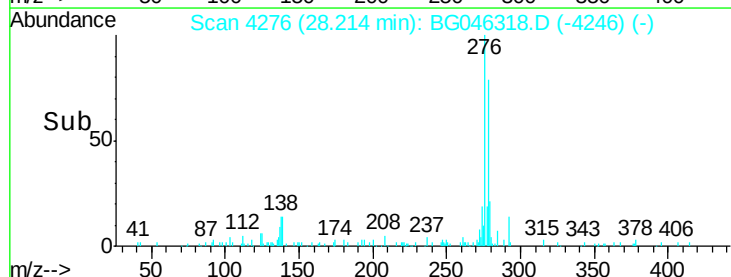
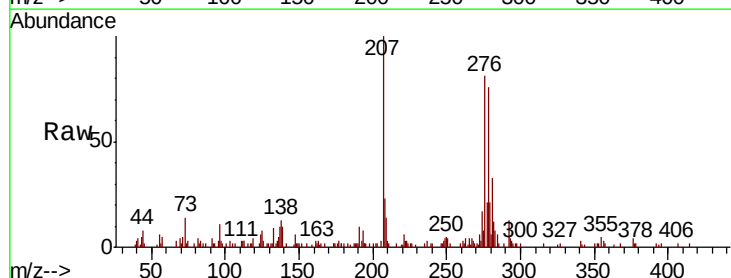
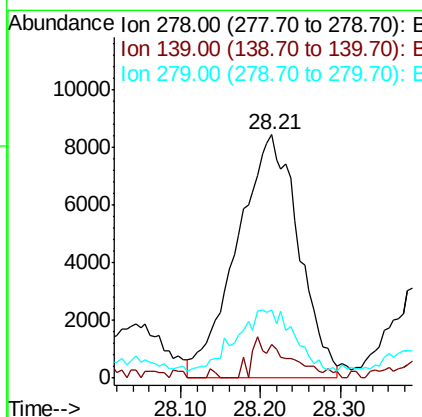
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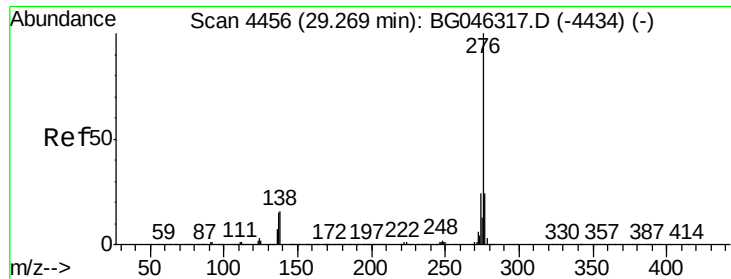
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.285 ng/ul m
 RT: 28.21 min Scan# 4276
 Delta R.T. -0.02 min
 Lab File: BG046318.D
 Acq: 18 Aug 2020 8:26

Tgt Ion:	278	Resp:	45178
Ion Ratio	Lower	Upper	
278	100		
139	13.7	9.8	14.8
279	27.9	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 2.804 ng/ul

RT: 29.26 min Scan# 4454

Delta R.T. -0.01 min

Lab File: BG046318.D

Acq: 18 Aug 2020 8:26

Instrument :

BNA_G

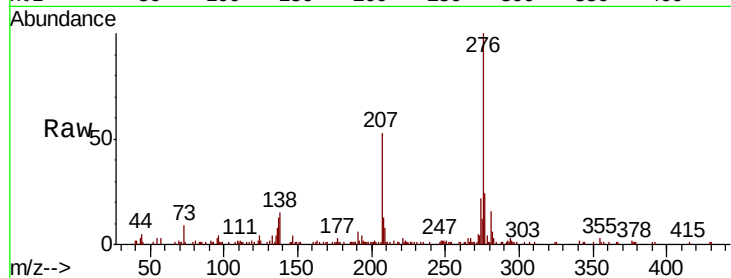
ClientSampleId :

BFM88

Tot Ion:	276	Resp:	101767
Ion Ratio		Lower	Upper
276	100		
138	15.5	12.9	19.3
277	24.0	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

