

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046313.D
 Acq On : 18 Aug 2020 2:38
 Operator : CG/JU
 Sample : L3632-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM88

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Quant Time: Aug 18 04:40:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 02:05:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	81421	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	342658	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	234035	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	528151	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	530557	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	564383	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	6926	1.17	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	34306	1.59	ng/ul	0.00
10) Fluorene-d10	15.56	176	28888	1.75	ng/ul	0.00
15) Anthracene-d10	17.41	188	44853	1.83	ng/ul	0.00
19) Pyrene-d10	19.69	212	49782	1.82	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	50229	1.63	ng/ul	0.00
Target Compounds						
11) Fluorene	15.62	166	31697	1.734	ng/ul	99
14) Phenanthrene	17.35	178	691733	23.807	ng/ul	99
16) Anthracene	17.44	178	59301	2.023	ng/ul	98
17) Fluoranthene	19.36	202	795455	24.552	ng/ul	99
20) Pyrene	19.72	202	580955	16.682	ng/ul	98
21) Benzo(a)anthracene	21.54	228	207059	5.998	ng/ul	100
22) Chrysene	21.60	228	325021	9.740	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	370113	9.917	ng/ul	98
25) Benzo(k)fluoranthene	23.73	252	145396m	3.927	ng/ul	
27) Benzo(a)pyrene	24.51	252	181403	5.294	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	162179	3.780	ng/ul	97
29) Dibenzo(a,h)anthracene	28.21	278	42812m	1.231	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	107940	3.006	ng/ul	97

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

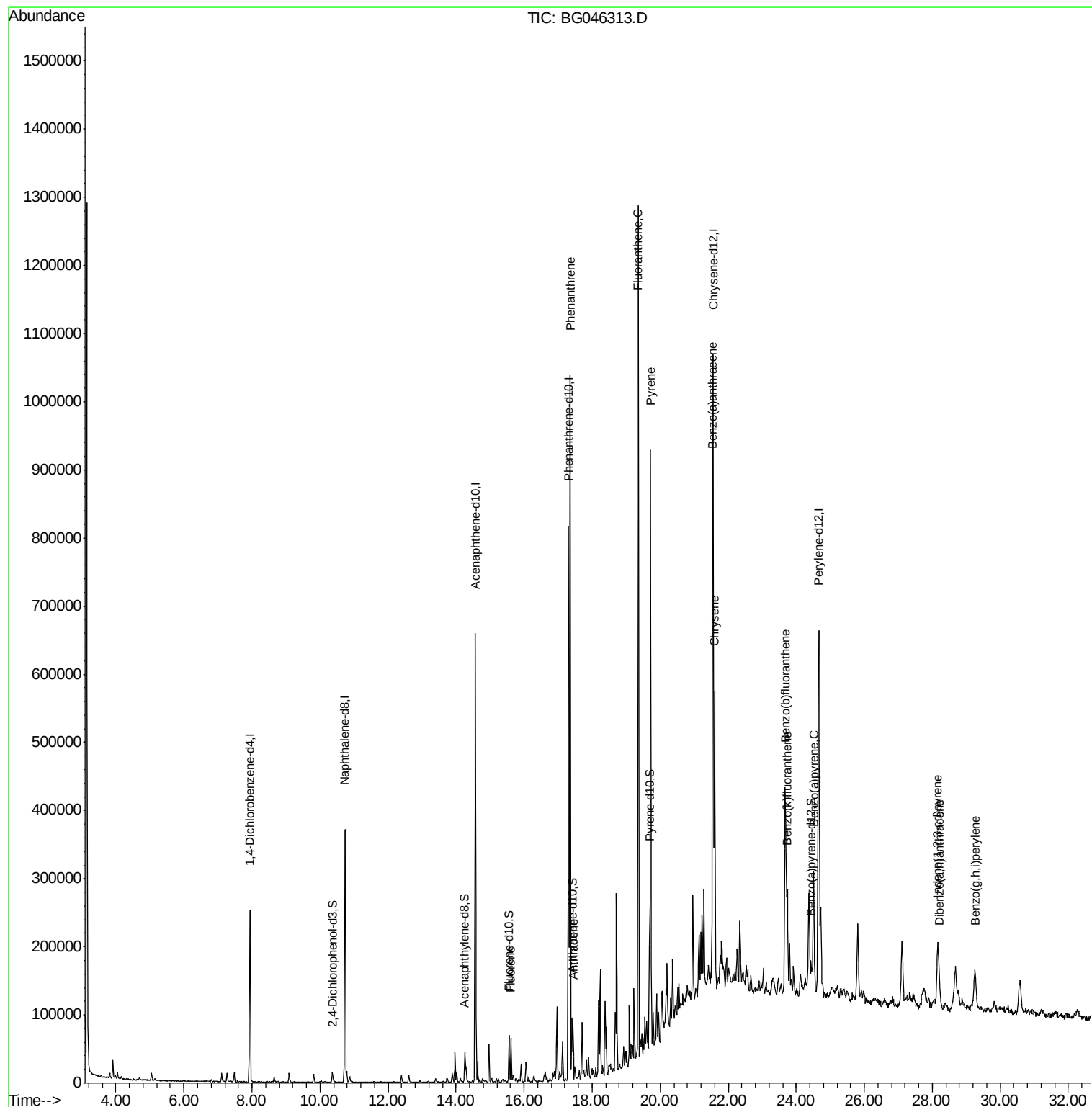
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046313.D
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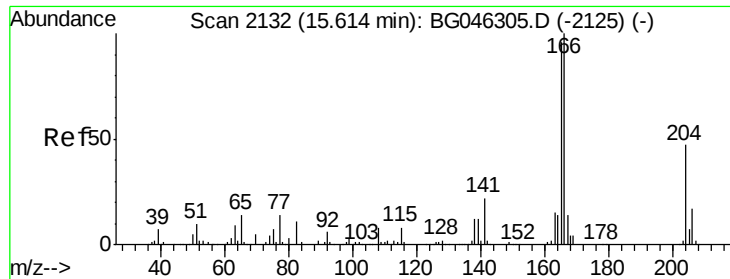
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Quant Title : SVOA CALIBRATION
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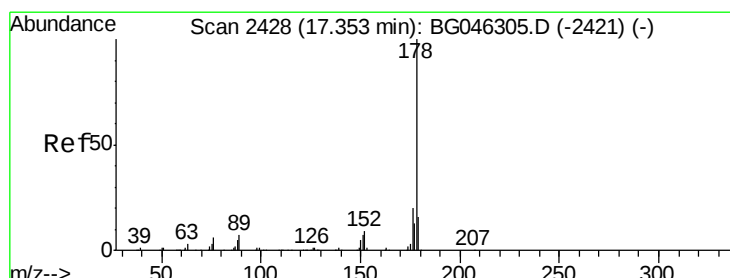
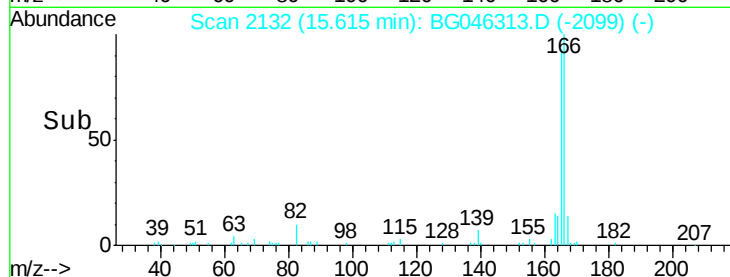
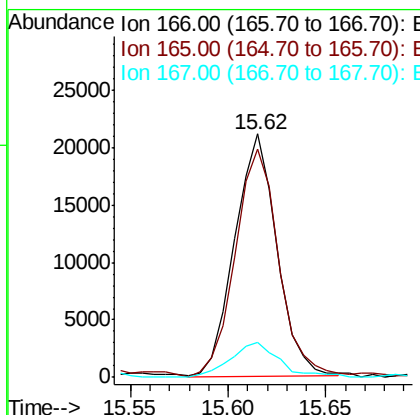
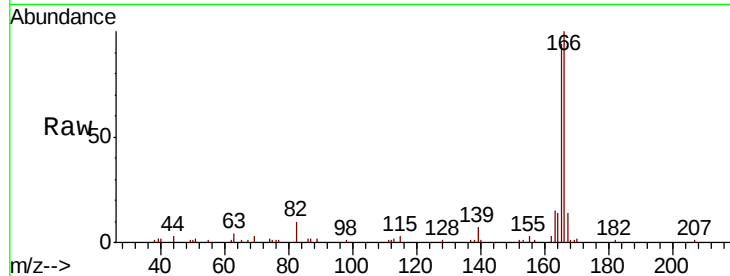
#11
Fluorene
 Concen: 1.734 ng/ul
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG046313.D
 Acq: 18 Aug 2020 2:38

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	93.6	75.9	113.9
167	14.5	10.7	16.1

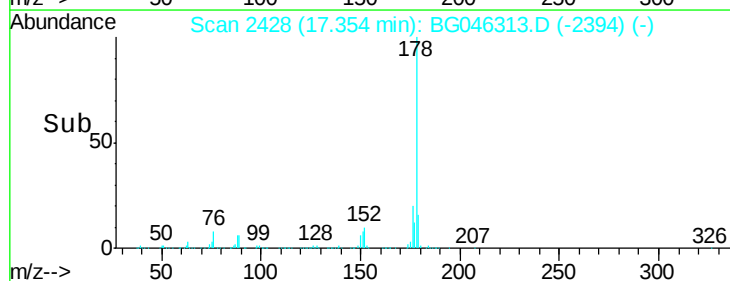
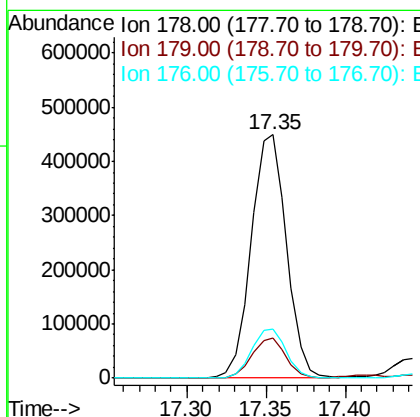
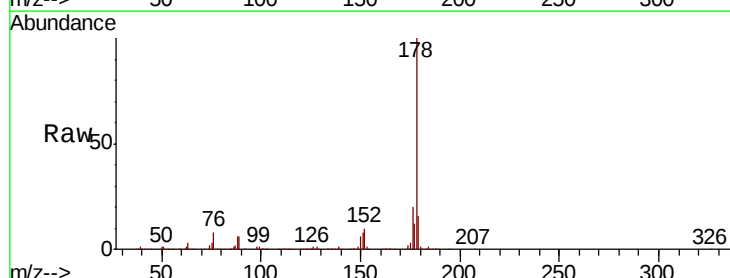
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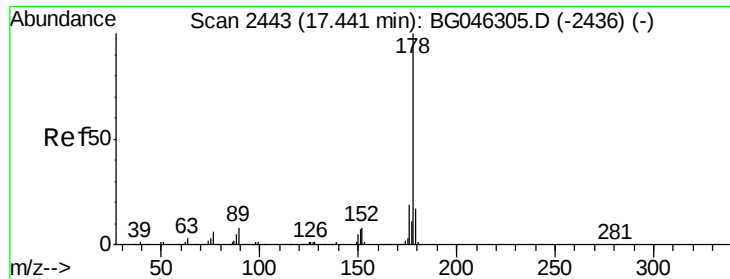
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#14
Phenanthrene
 Concen: 23.807 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG046313.D
 Acq: 18 Aug 2020 2:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	20.2	15.8	23.8





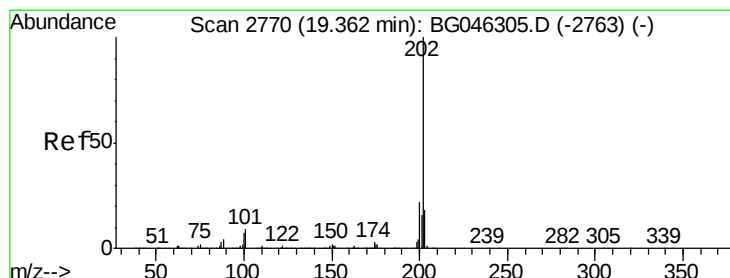
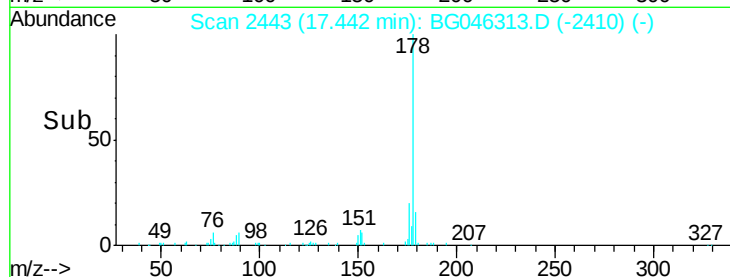
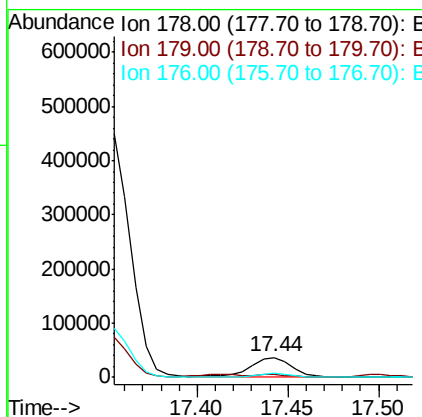
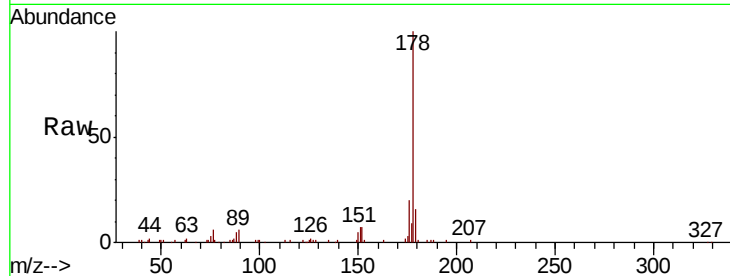
#16
 Anthracene
 Concen: 2.023 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046313.D
 Acq: 18 Aug 2020 2:38

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.2	19.8
176	19.6	15.2	22.8

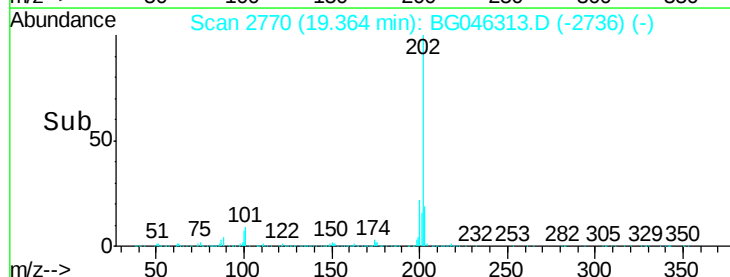
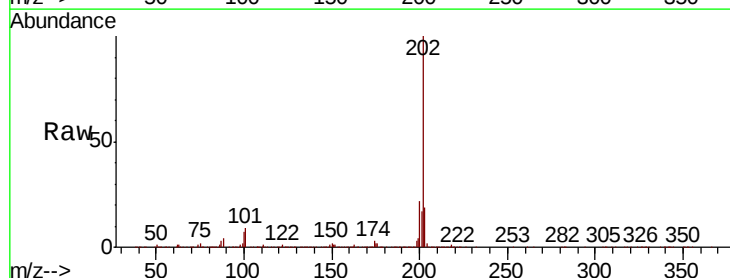
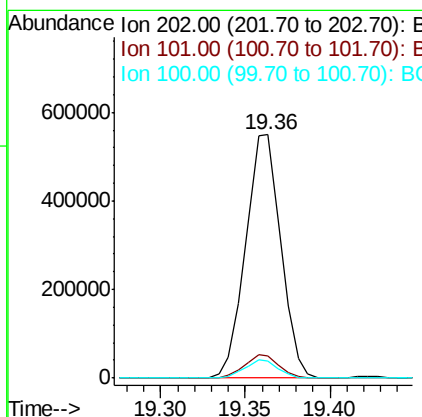
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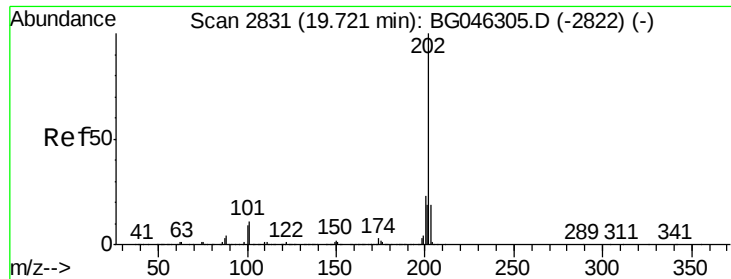
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#17
 Fluoranthene
 Concen: 24.552 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046313.D
 Acq: 18 Aug 2020 2:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.6
100	6.9	5.9	8.9





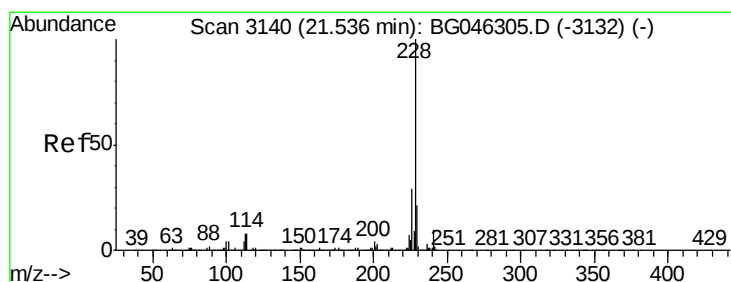
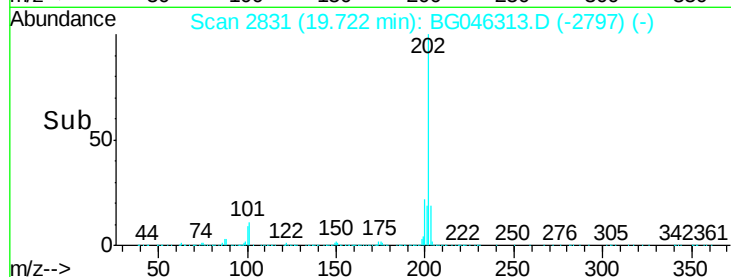
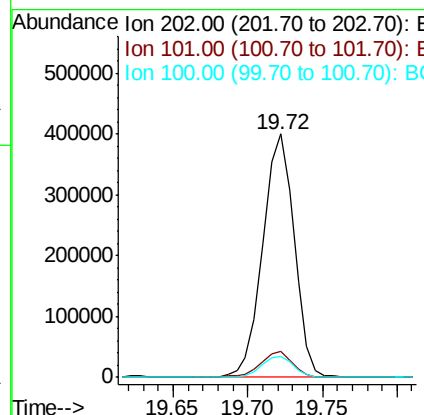
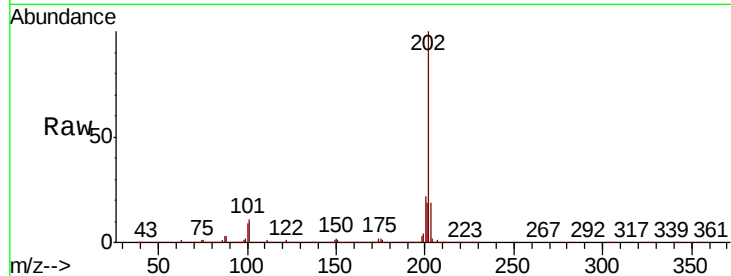
#20
Pvrene
Concen: 16.682 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046313.D
Acq: 18 Aug 2020 2:38

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	8.9	13.3
100	8.6	7.9	11.9

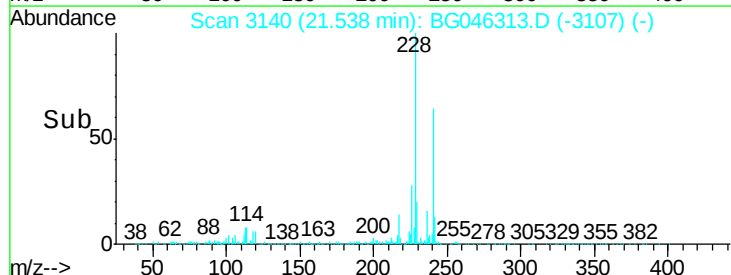
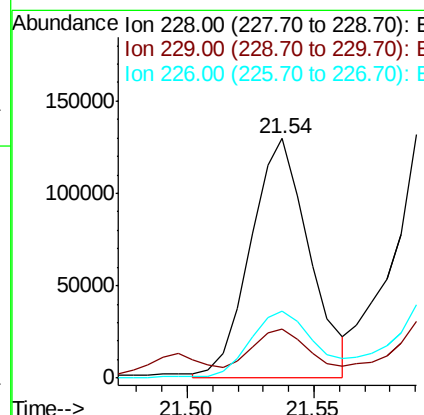
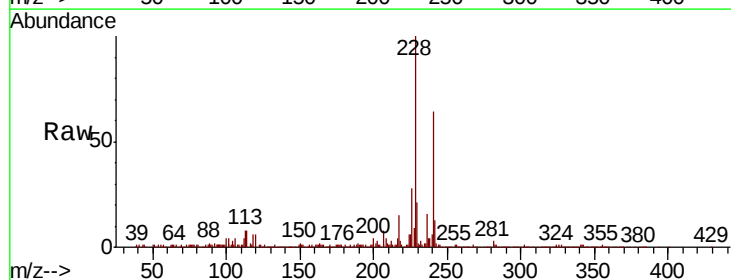
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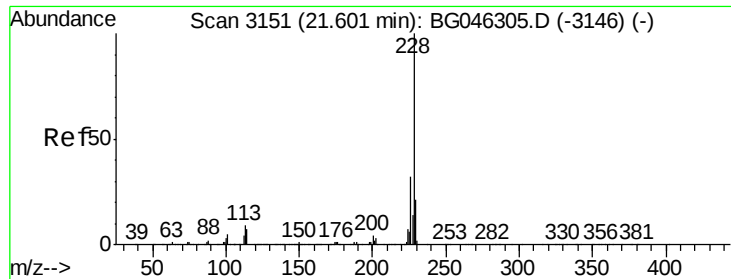
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#21
Benzo(a)anthracene
Concen: 5.998 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046313.D
Acq: 18 Aug 2020 2:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.6	25.0
226	27.9	22.6	33.8





#22

Chrysene

Concen: 9.740 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046313.D

Acq: 18 Aug 2020 2:38

Instrument :

BNA_G

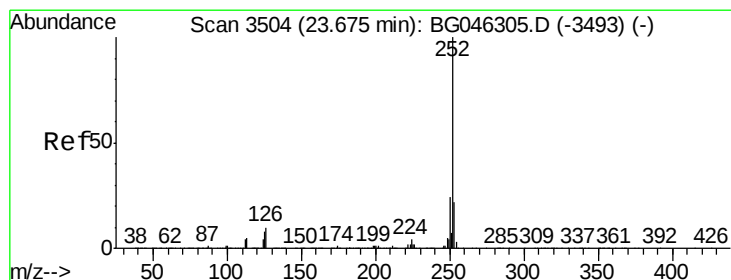
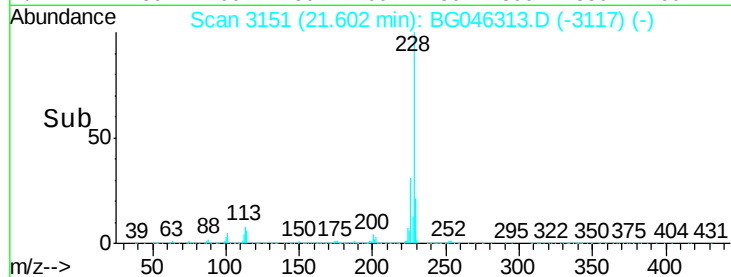
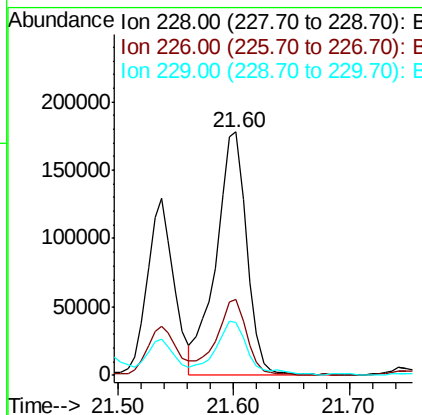
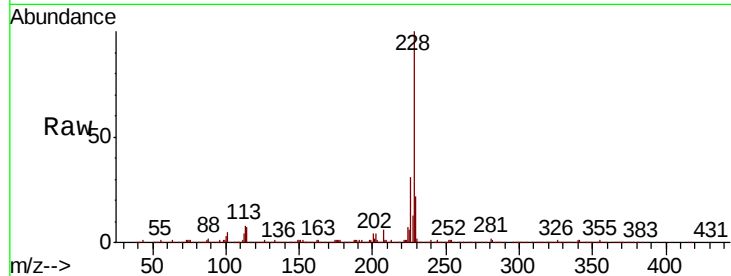
ClientSampleId :

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Tot Ion:	228	Resp:	325021
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.5	38.3
229	21.7	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 9.917 ng/ul

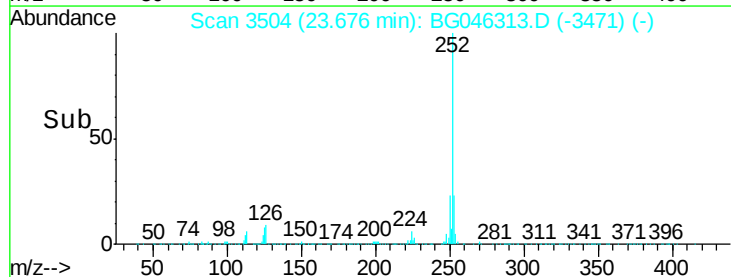
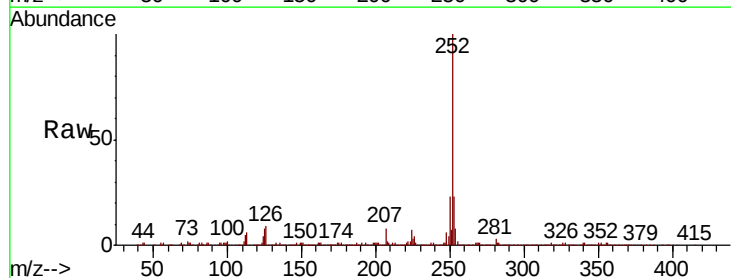
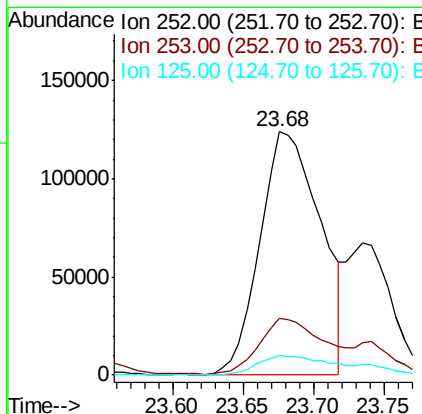
RT: 23.68 min Scan# 3504

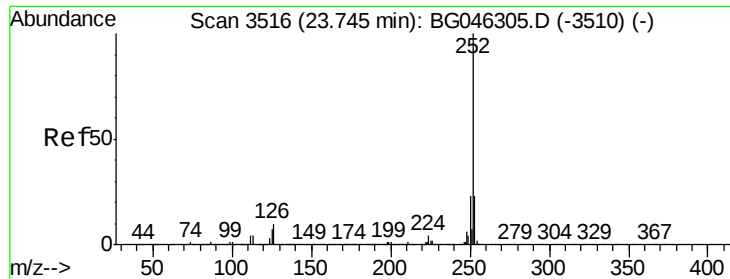
Delta R.T. -0.01 min

Lab File: BG046313.D

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Tgt Ion:	252	Resp:	370113
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	8.1	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 3.927 ng/ul

RT: 23.73 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046313.D

Acq: 18 Aug 2020 2:38

Instrument :

BNA_G

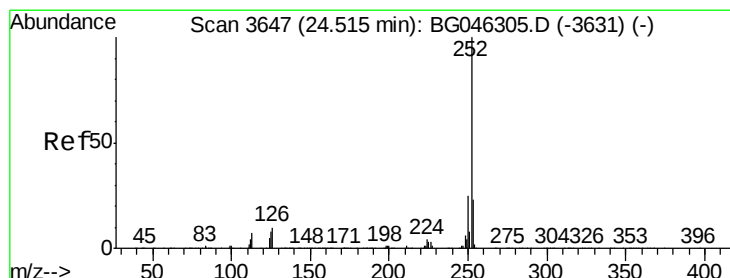
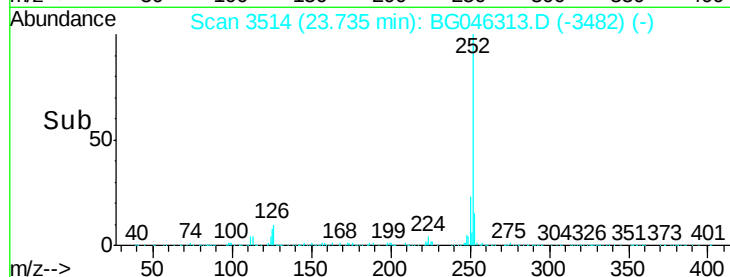
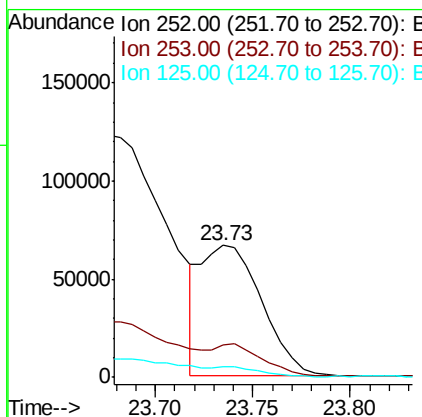
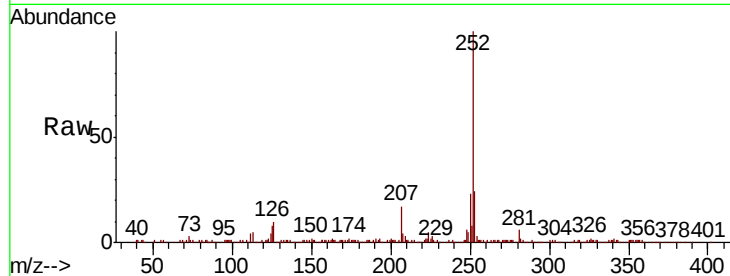
ClientSampleId :

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Tot Ion:	252	Resp:	145396
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.5	27.7
125	8.4	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 5.294 ng/ul

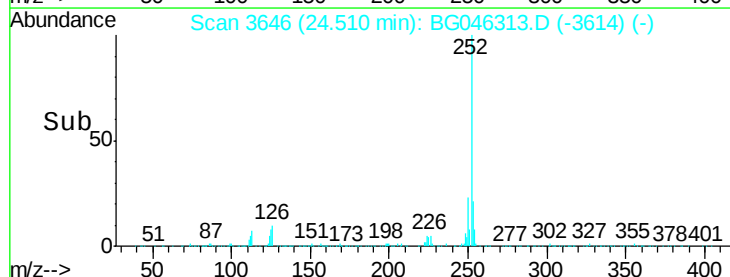
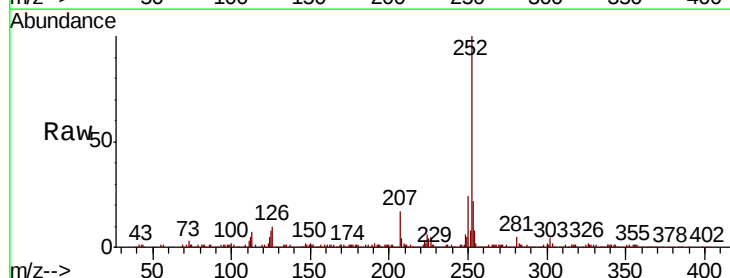
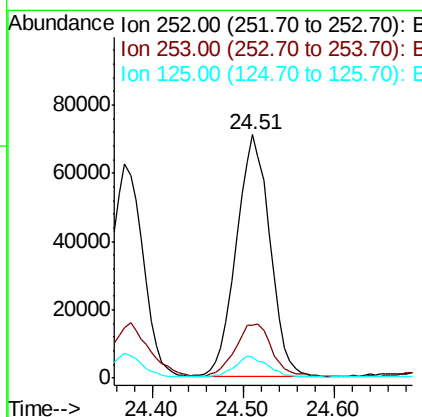
RT: 24.51 min Scan# 3646

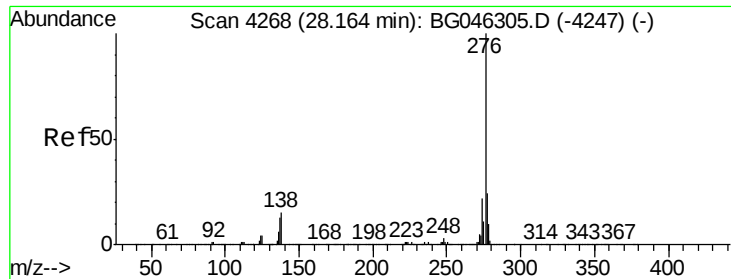
Delta R.T. -0.01 min

Lab File: BG046313.D

Acq: 18 Aug 2020 2:38

Tgt Ion:	252	Resp:	181403
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.8
125	8.4	7.1	10.7





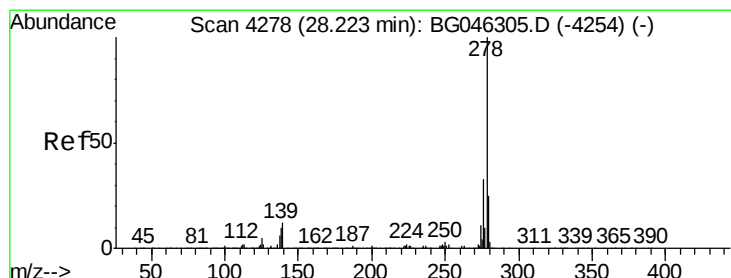
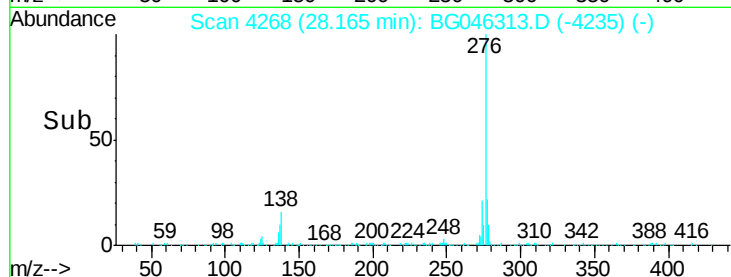
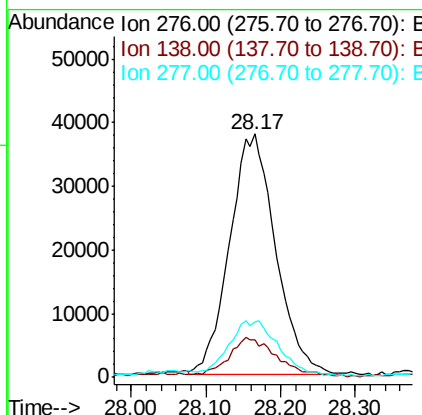
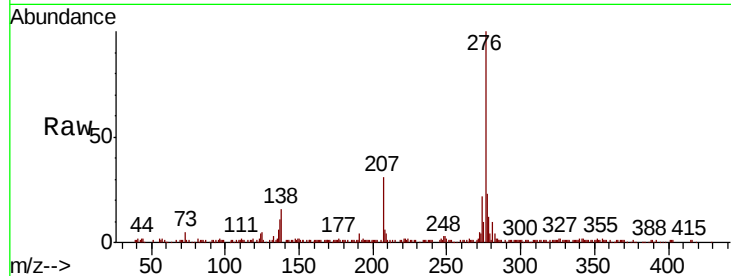
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 Indeno(1,2,3-cd)pyrene
 Concen: 3.780 ng/ul
 RT: 28.17 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046313.D
 Acq: 18 Aug 2020 2:38

Instrument :
 BNA_G
 ClientSampled :
 BFM88

Tot Ion:	276	Resp:	162179
Ion Ratio	Lower	Upper	
276	100		
138	15.7	13.2	19.8
277	22.9	19.9	29.9

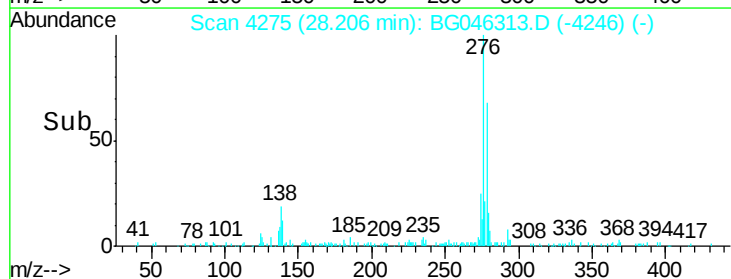
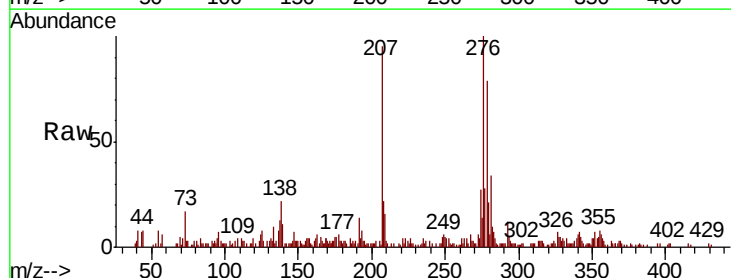
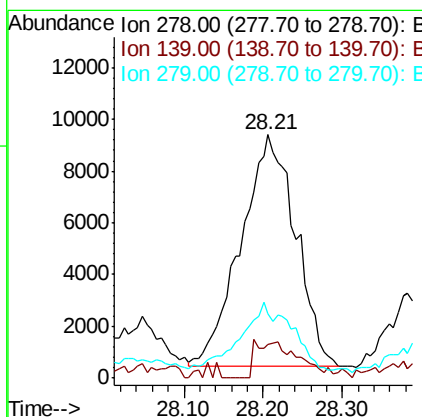
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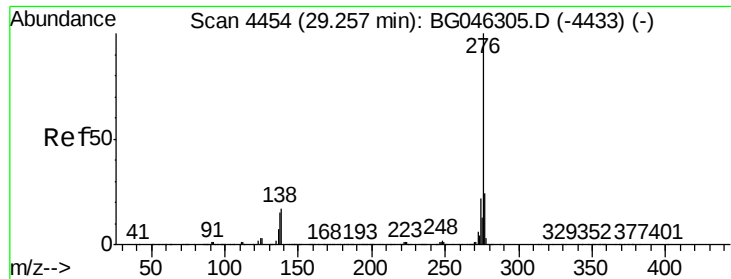
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.231 ng/ul m
 RT: 28.21 min Scan# 4275
 Delta R.T. -0.03 min
 Lab File: BG046313.D
 Acq: 18 Aug 2020 2:38

Tgt Ion:	278	Resp:	42812
Ion Ratio	Lower	Upper	
278	100		
139	14.0	9.8	14.8
279	26.6	19.7	29.5





#30
 Benzo(a,h,i)perylene
 Concen: 3.006 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. -0.01 min
 Lab File: BG046313.D
 Acq: 18 Aug 2020 2:38

Instrument :
 BNA_G
 ClientSampleId :
 BFM88

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	17.4	12.9	19.3	
277	22.8	19.4	29.0	

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