

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046315.D
 Acq On : 18 Aug 2020 3:58
 Operator : CG/JU
 Sample : L3632-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM93

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Quant Time: Aug 18 05:24:20 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	80406	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	331461	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	220399	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	508961	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	503751	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	534069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	137487	24.09	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	517293	25.50	ng/ul	0.00
10) Fluorene-d10	15.56	176	396839	25.53	ng/ul	0.00
15) Anthracene-d10	17.41	188	583955	24.75	ng/ul	0.00
19) Pyrene-d10	19.69	212	673965	25.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	742763	25.49	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	25360	1.230	ng/ul	99
14) Phenanthrene	17.35	178	293998	10.500	ng/ul	100
16) Anthracene	17.44	178	38363	1.358	ng/ul	99
17) Fluoranthene	19.36	202	608992	19.506	ng/ul	99
20) Pyrene	19.72	202	607342	18.367	ng/ul	98
21) Benzo(a)anthracene	21.54	228	310724	9.480	ng/ul	95
22) Chrysene	21.60	228	344314	10.867	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	452610	12.816	ng/ul	99
25) Benzo(k)fluoranthene	23.73	252	158029m	4.511	ng/ul	
27) Benzo(a)pyrene	24.52	252	317652	9.797	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	232516	5.727	ng/ul	97
29) Dibenzo(a,h)anthracene	28.21	278	62022m	1.884	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	194033	5.711	ng/ul	98

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

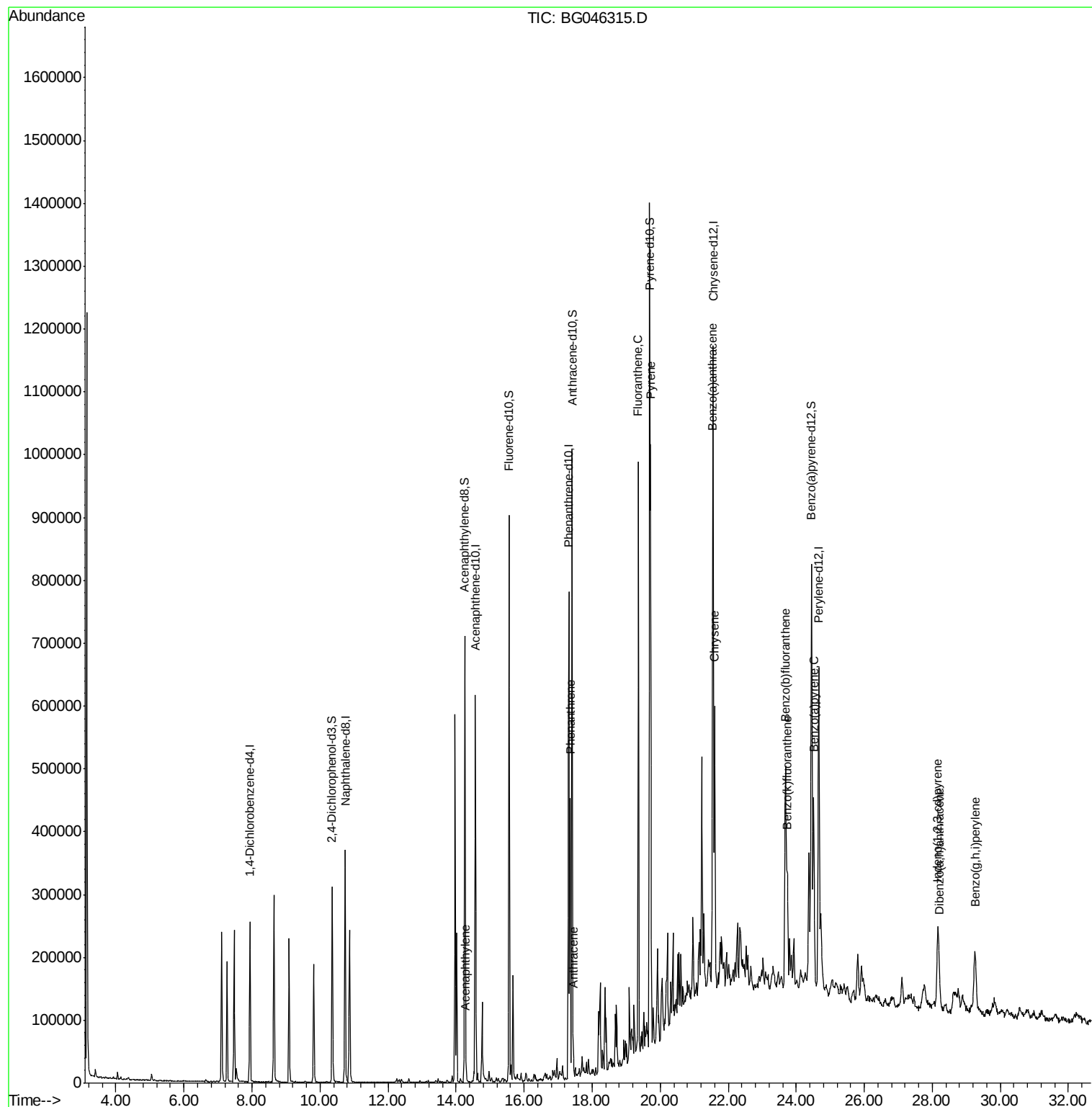
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046315.D
Acq On : 18 Aug 2020 3:58
Operator : CG/JU
Sample : L3632-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

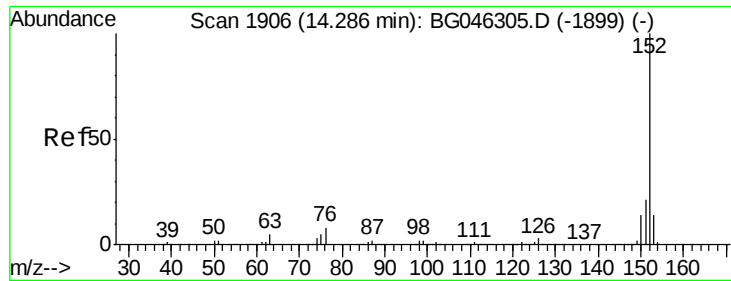
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Quant Time: Aug 18 05:24:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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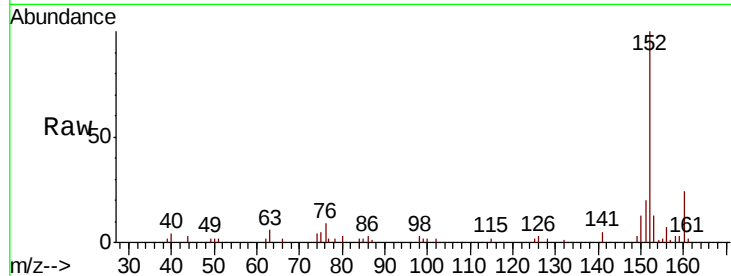
#8
Acenaphthylene
Concen: 1.230 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG046315.D
Acq: 18 Aug 2020 3:58

Instrument :
BNA_G
ClientSampleId :
BFM93

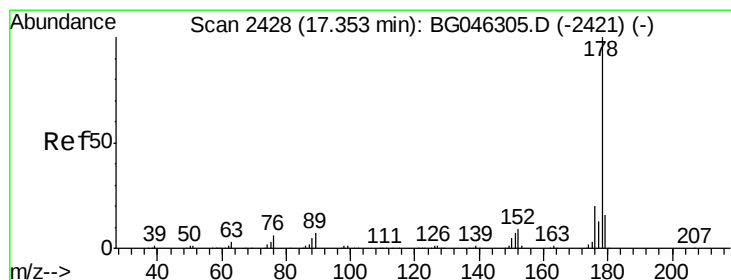
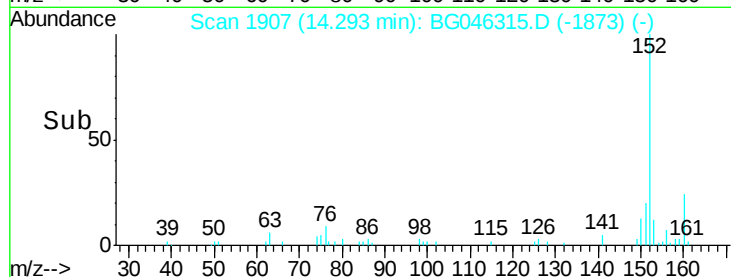
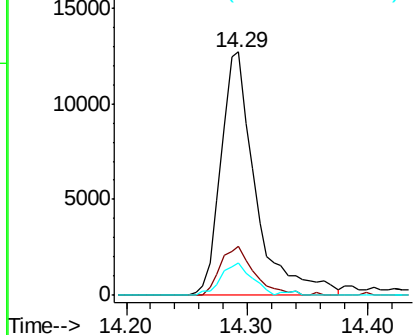
Tot Ion:	152	Resp:	25360
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.5	24.7
153	13.2	11.0	16.6

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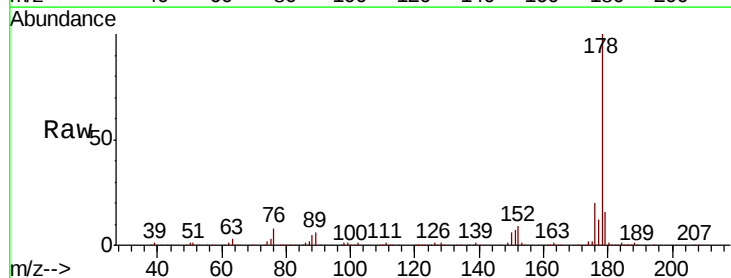


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

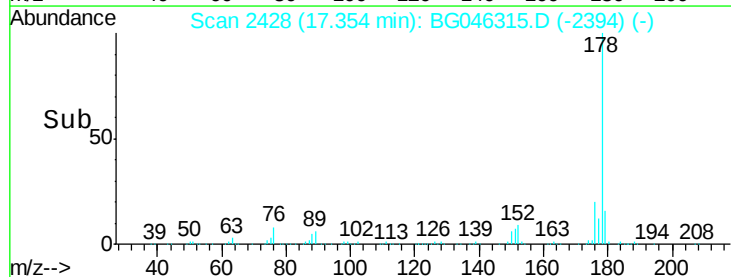
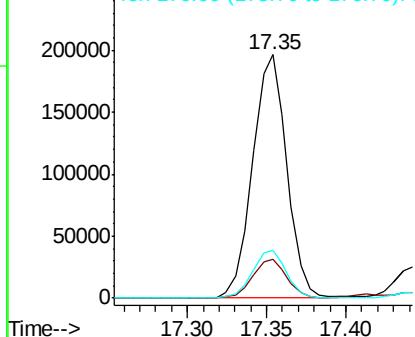


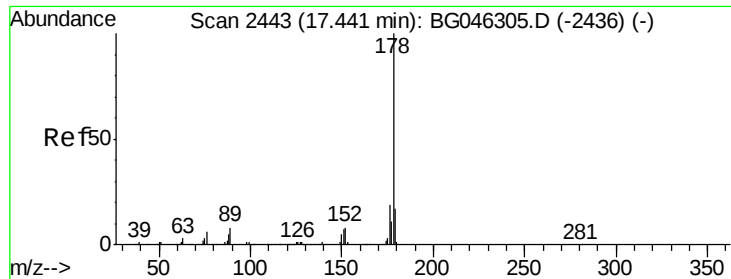
#14
Phenanthrene
Concen: 10.500 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046315.D
Acq: 18 Aug 2020 3:58

Tgt Ion:	178	Resp:	293998
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.7	15.8	23.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





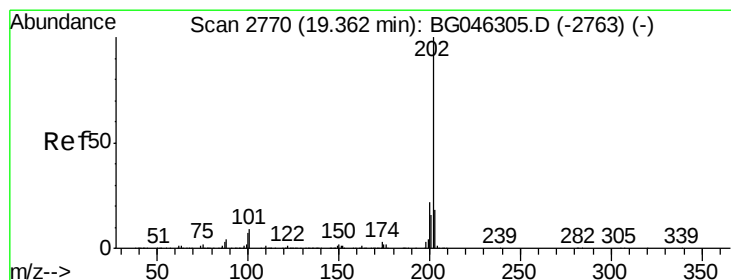
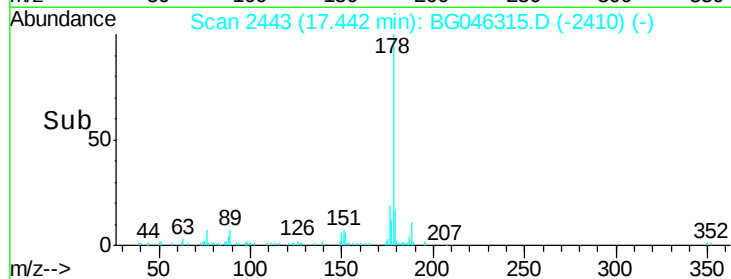
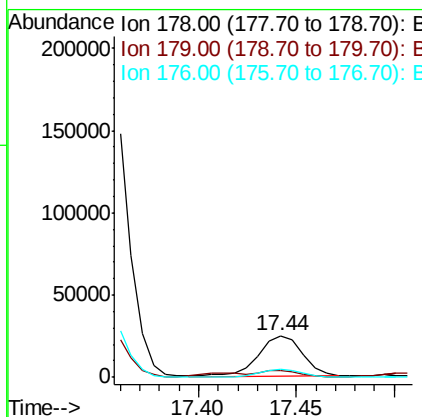
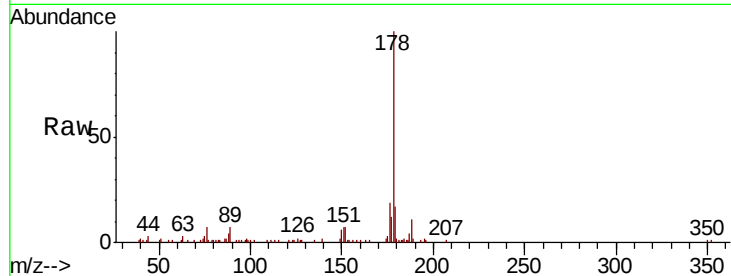
#16
 Anthracene
 Concen: 1.358 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046315.D
 Acq: 18 Aug 2020 3:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.2	19.8
176	19.1	15.2	22.8

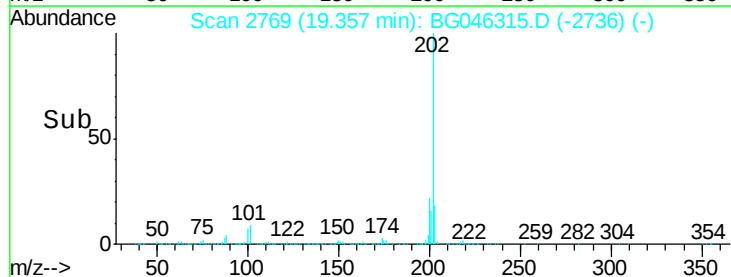
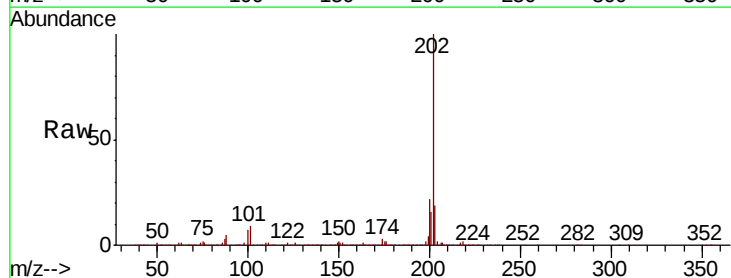
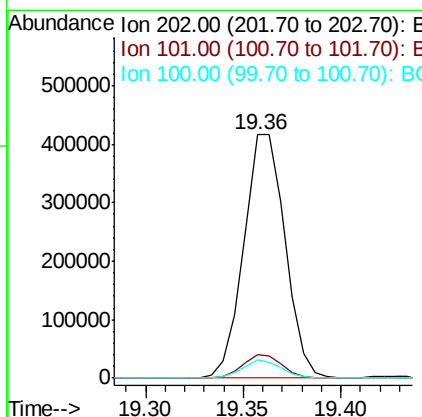
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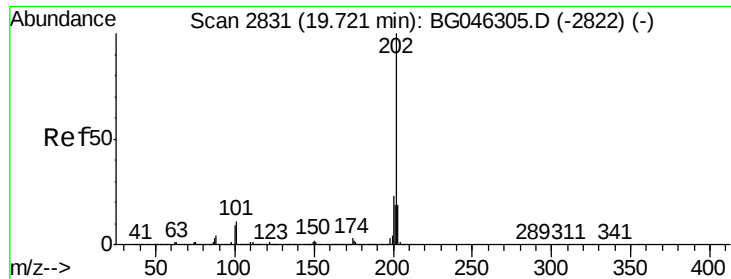
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#17
 Fluoranthene
 Concen: 19.506 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG046315.D
 Acq: 18 Aug 2020 3:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.8	11.6
100	7.4	5.9	8.9





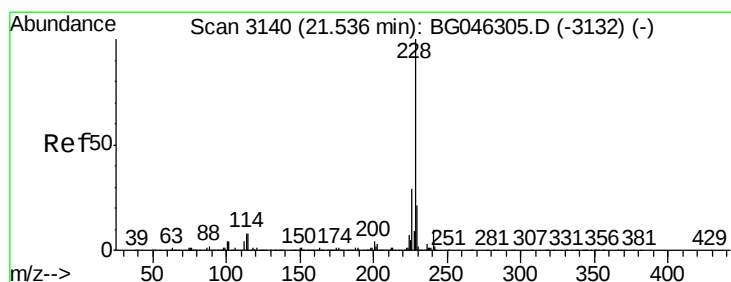
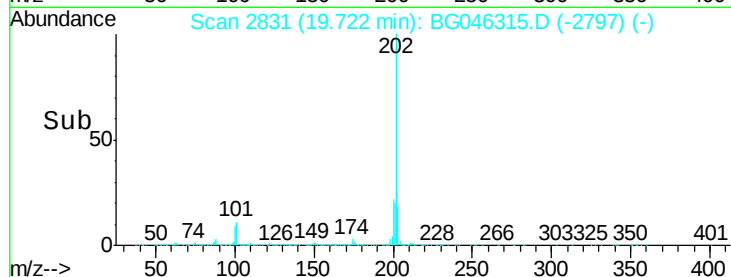
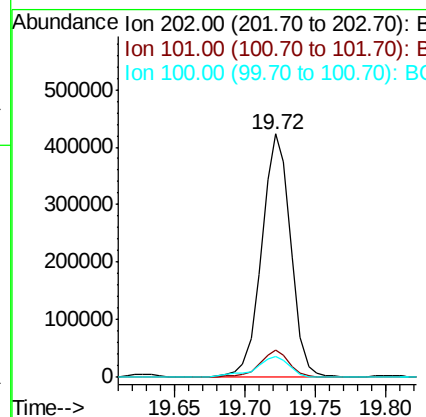
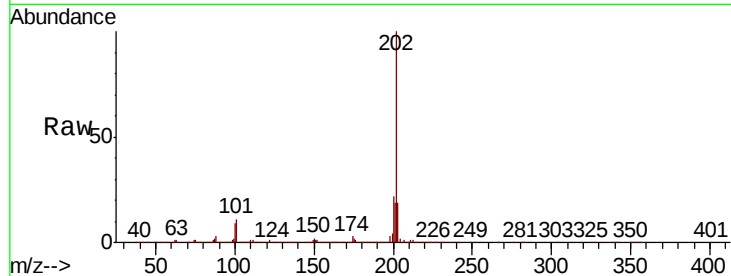
#20
Pvrene
Concen: 18.367 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046315.D
Acq: 18 Aug 2020 3:58

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	8.9	13.3
100	8.7	7.9	11.9

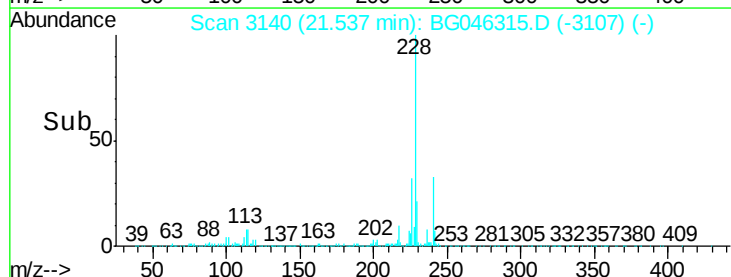
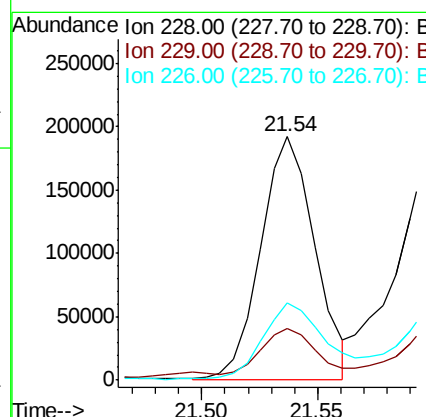
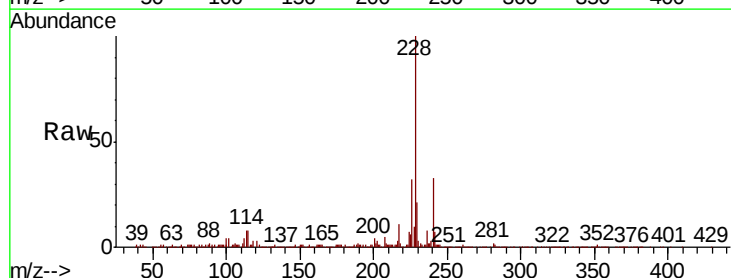
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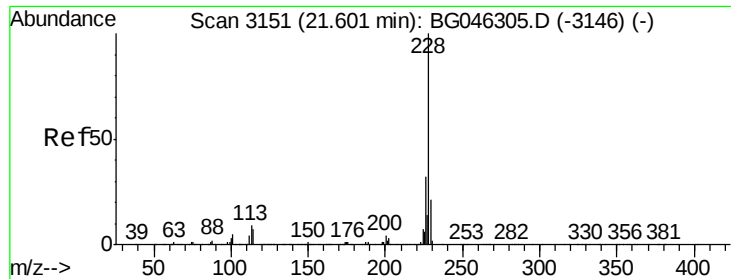
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#21
Benzo(a)anthracene
Concen: 9.480 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046315.D
Acq: 18 Aug 2020 3:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.6	25.0
226	31.9	22.6	33.8





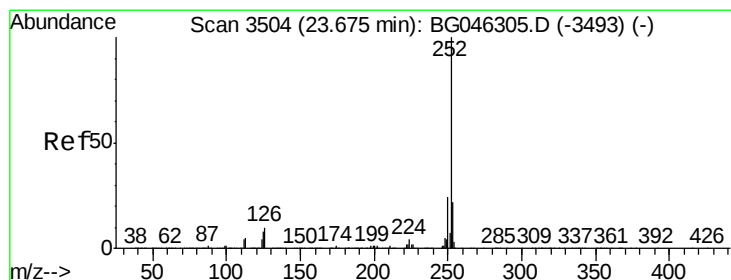
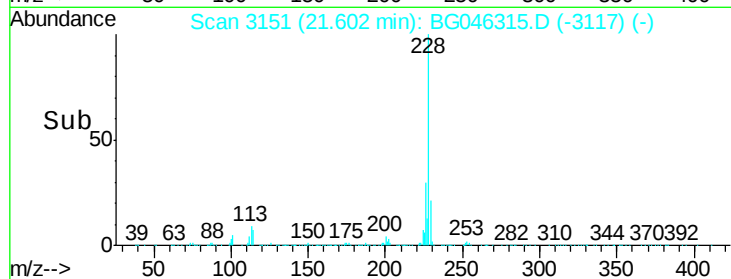
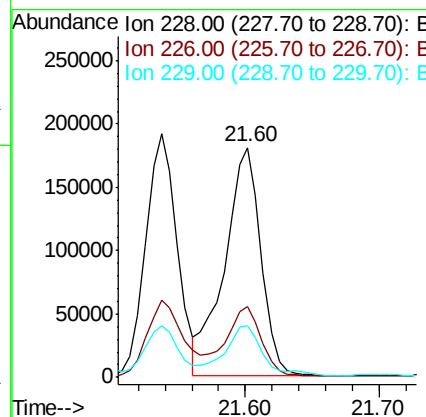
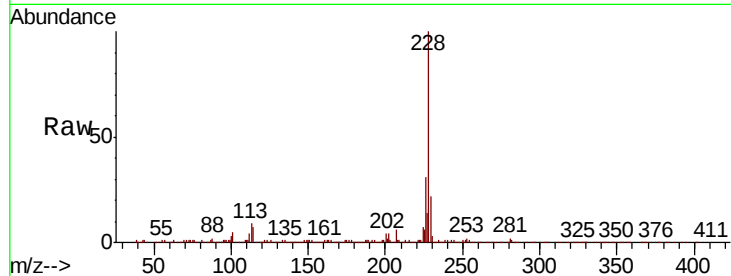
#22
Chrysene
Concen: 10.867 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046315.D
Acq: 18 Aug 2020 3:58

Instrument :
BNA_G
ClientSampled :
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Tot Ion:	228	Resp:	344314
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.5	38.3
229	22.2	17.0	25.4

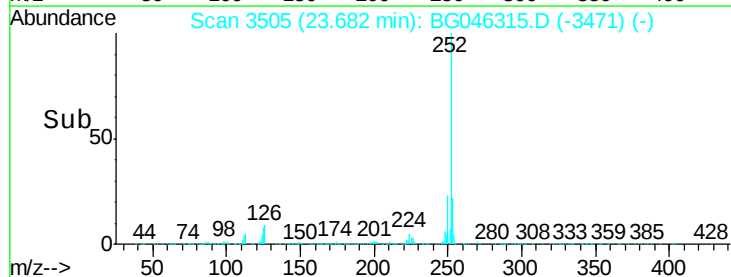
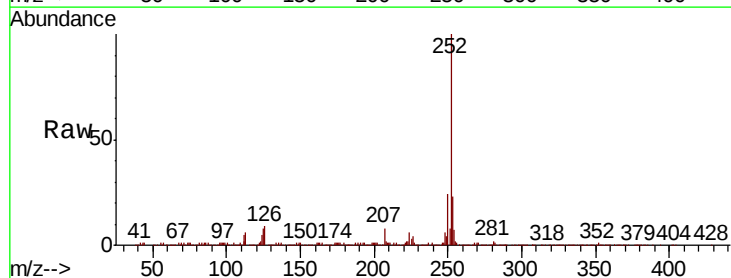
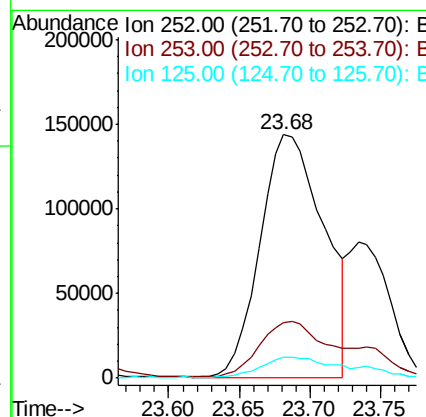
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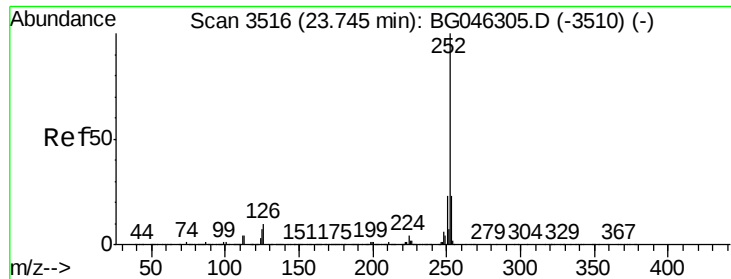
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#24
Benzo(b)fluoranthene
Concen: 12.816 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046315.D
Acq: 18 Aug 2020 3:58

Tgt Ion:	252	Resp:	452610
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	8.3	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 4.511 ng/ul m

RT: 23.73 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046315.D

Acq: 18 Aug 2020 3:58

Instrument :

BNA_G

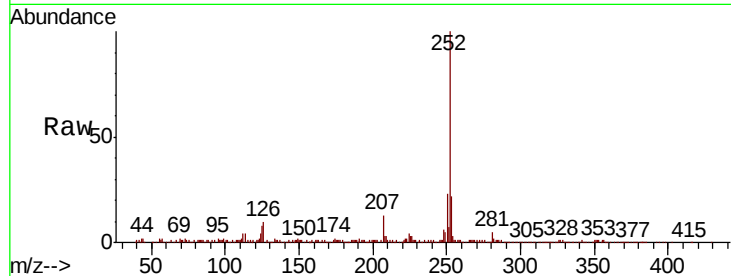
ClientSampled :

BFM93

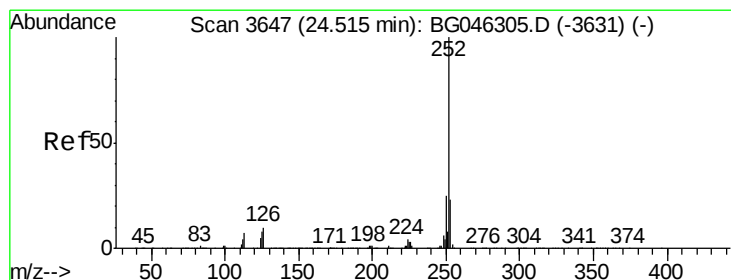
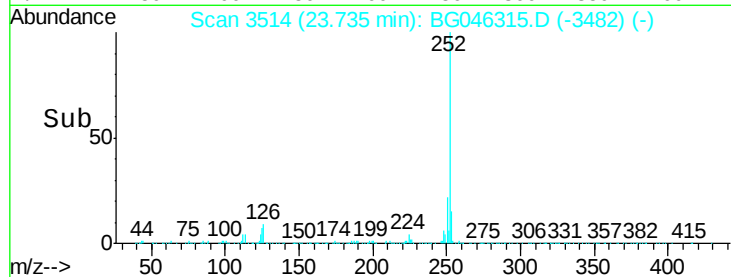
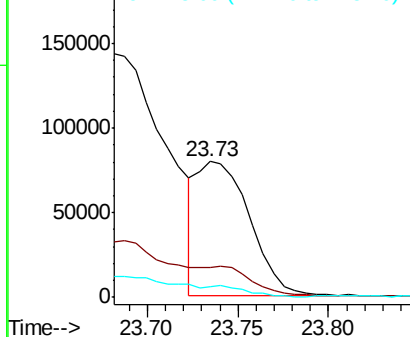
Tot Ion:	252	Resp:	158029
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.5	27.7
125	7.7	6.2	9.2

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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: 9.797 ng/ul

RT: 24.52 min Scan# 3647

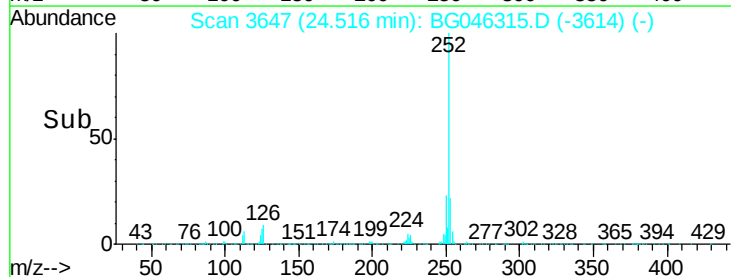
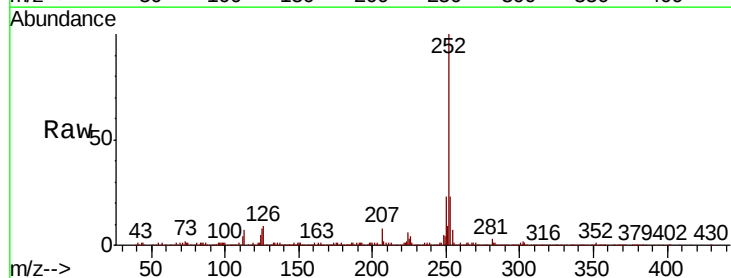
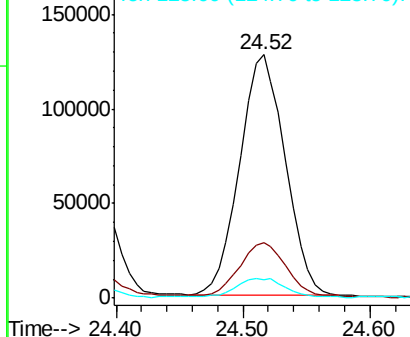
Delta R.T. -0.01 min

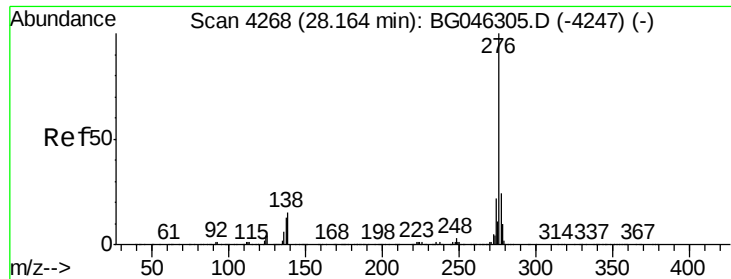
Lab File: BG046315.D

Acq: 18 Aug 2020 3:58

Tgt Ion:	252	Resp:	317652
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	7.7	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





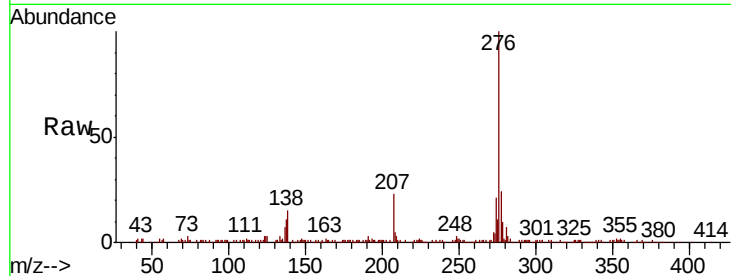
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 5.727 ng/ul
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046315.D
 Acq: 18 Aug 2020 3:58

Instrument :
 BNA_G
 ClientSampleId :
 BFM93

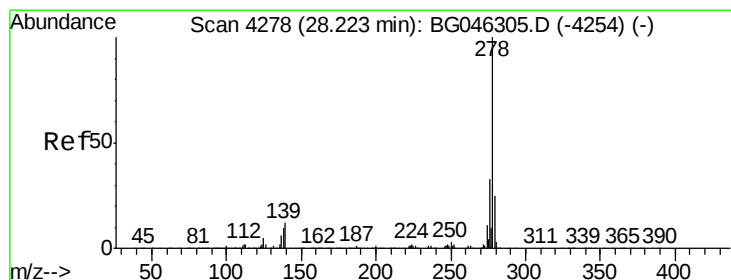
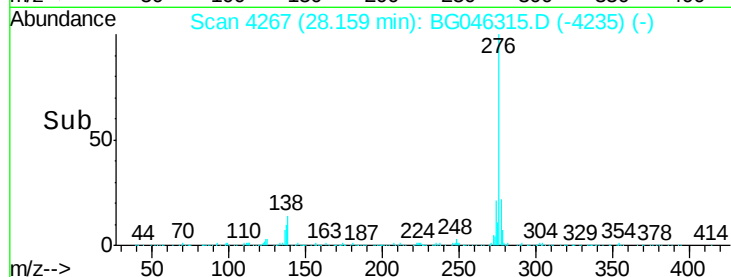
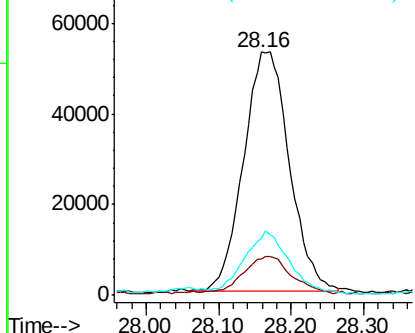
Tot Ion:	276	Resp:	232516
Ion Ratio	Lower	Upper	
276	100		
138	14.8	13.2	19.8
277	23.5	19.9	29.9

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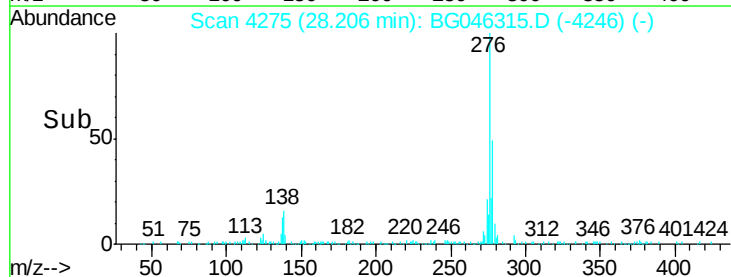
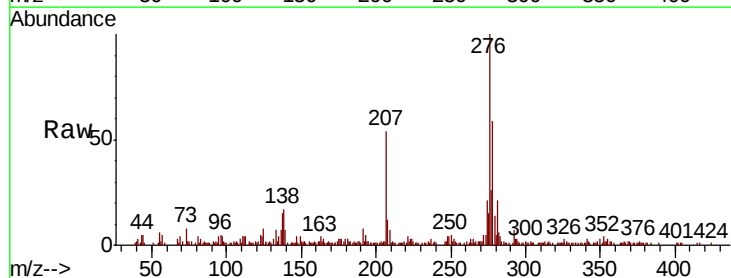
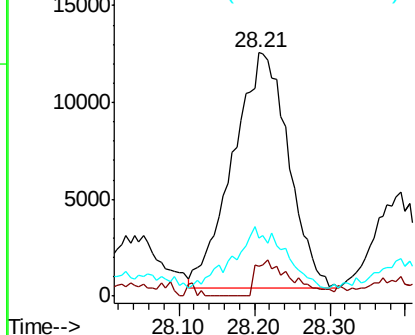
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

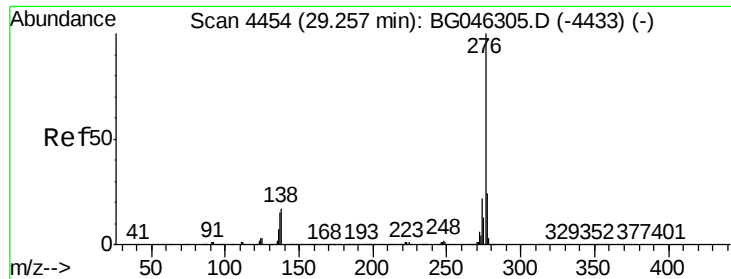


#29
 Dibenzo(a,h)anthracene
 Concen: 1.884 ng/ul m
 RT: 28.21 min Scan# 4275
 Delta R.T. -0.03 min
 Lab File: BG046315.D
 Acq: 18 Aug 2020 3:58

Tgt Ion:	278	Resp:	62022
Ion Ratio	Lower	Upper	
278	100		
139	12.3	9.8	14.8
279	23.9	19.7	29.5

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#30
 Benzo(a,h,i)perylene
 Concen: 5.711 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. -0.01 min
 Lab File: BG046315.D
 Acq: 18 Aug 2020 3:58

Instrument :
 BNA_G
 ClientSampleId :
 BFM93

Tot Ion:	276	Resp:	194033
Ion Ratio		Lower	Upper
276	100		
138	14.8	12.9	19.3
277	24.6	19.4	29.0

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