

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042039.D
 Acq On : 7 Aug 2019 20:09
 Operator : HP/JU
 Sample : K4029-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENT6

Manual Integrations
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Quant Time: Aug 08 02:52:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 01:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	288412	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	209268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	485402	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	477025	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	560357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8256	5.25	ng/uL	0.00
5) Phenol-d5	7.18	99	148214	27.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	93992	31.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	147789	32.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	86622	19.12	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	78986	36.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	98788	39.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	164468	32.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	142166	25.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	597698	36.83	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	665352	35.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	61619	22.61	ng/ul	0.00
57) Fluorene-d10	15.68	176	542248	37.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	84683	27.19	ng/ul	0.00
70) Anthracene-d10	17.54	188	864119	37.11	ng/ul	0.00
78) Pyrene-d10	19.83	212	954959	35.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1073702	36.68	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	15884	2.852 ng/ul	96
44) Dimethylphthalate	14.13	163	221450	13.742 ng/ul	100
69) Phenanthrene	17.48	178	89591	3.371 ng/ul	97
76) Fluoranthene	19.49	202	203166m	6.617 ng/ul	
79) Pyrene	19.86	202	190583	5.939 ng/ul#	95
82) Benzo(a)anthracene	21.70	228	118885	3.594 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	23133	1.342 ng/ul#	99
84) Chrysene	21.77	228	118550	3.840 ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	140794	4.004 ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	49900	1.476 ng/ul	94
90) Benzo(a)pyrene	24.83	252	103055	3.075 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.70	276	65582	1.678 ng/ul	99
93) Benzo(g,h,i)perylene	29.86	276	47216	1.447 ng/ul	96

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

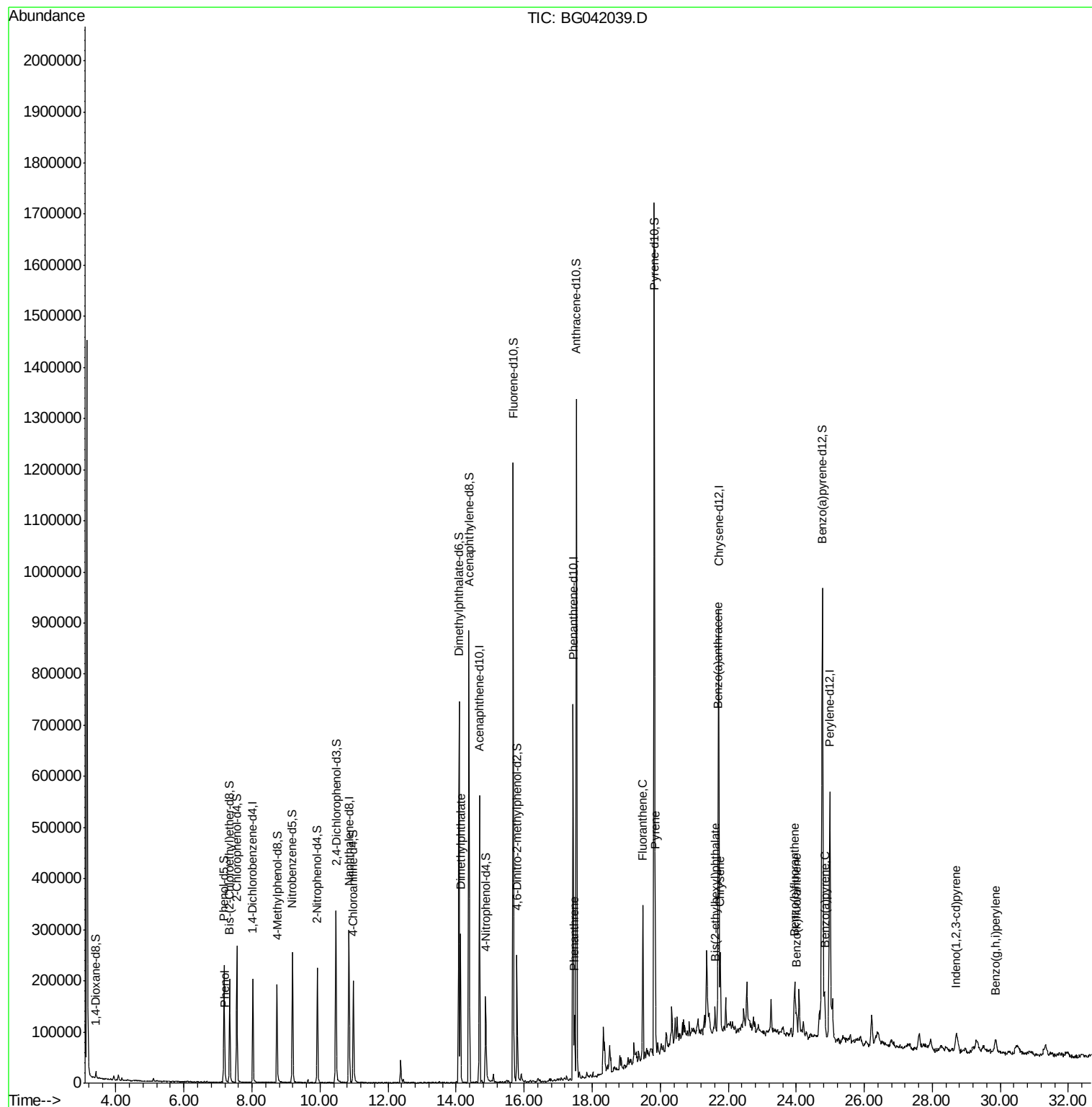
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042039.D
Acq On : 7 Aug 2019 20:09
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

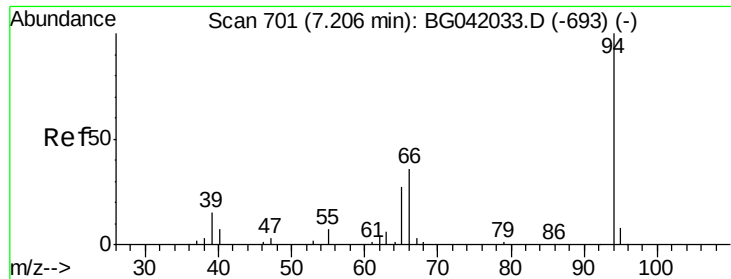
Instrument :
BNA_G
ClientSampleId :
BENT6

Quant Time: Aug 08 02:52:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.852 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042039.D

Acq: 7 Aug 2019 20:09

Instrument :

BNA_G

ClientSampleId :

BENT6

Tot Ion: 94 Resp: 15884

Ion Ratio Lower Upper

94 100

65 33.3 25.8 38.6

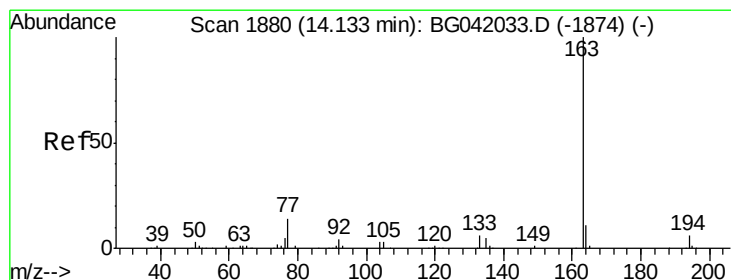
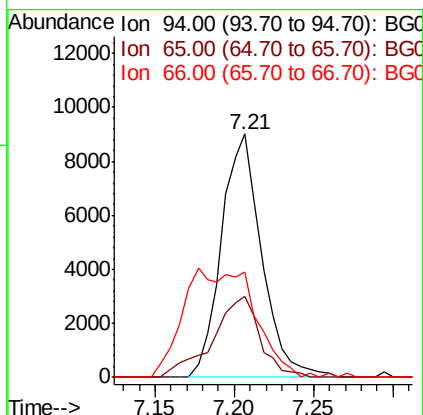
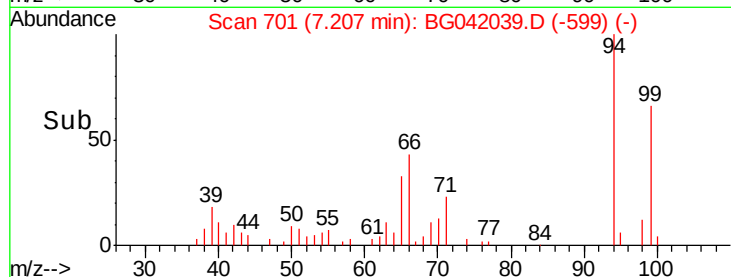
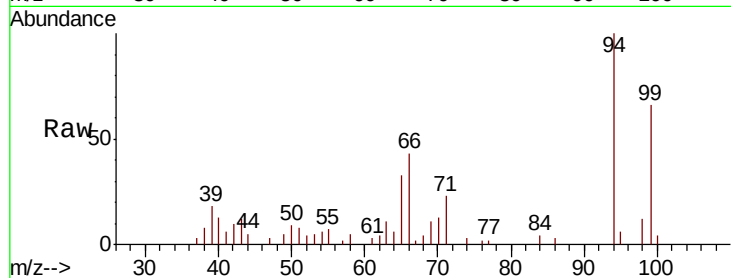
66 43.4 31.8 47.8

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#44

Dimethylphthalate

Concen: 13.742 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042039.D

Acq: 7 Aug 2019 20:09

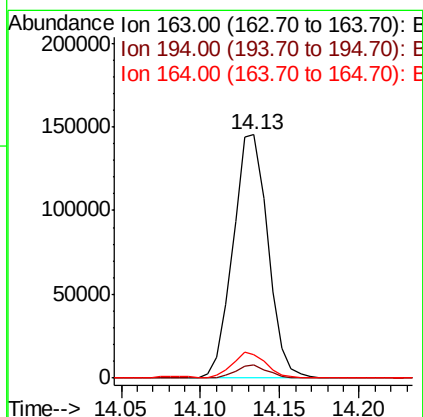
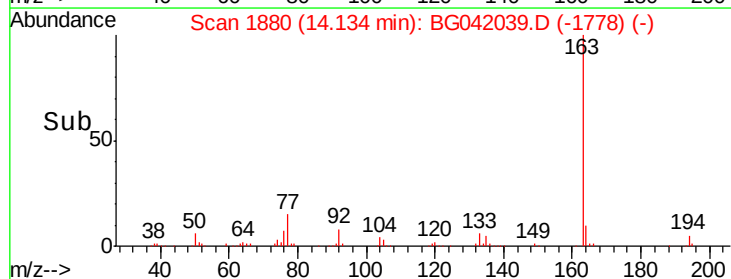
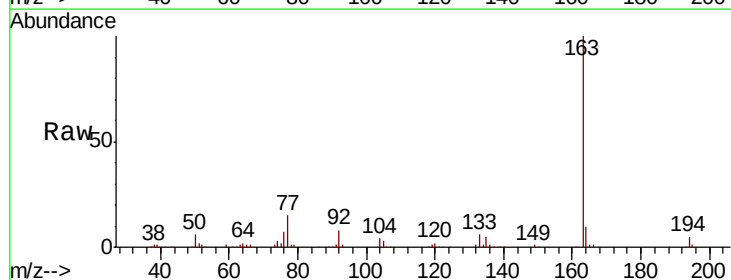
Tgt Ion: 163 Resp: 221450

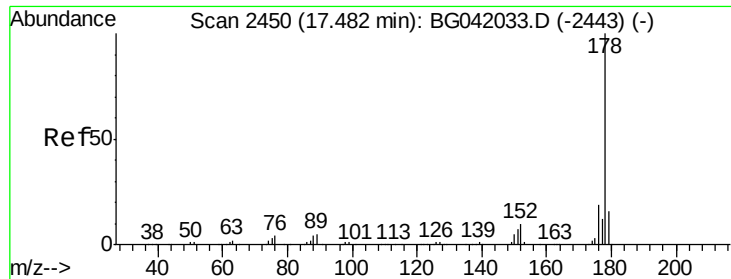
Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

164 9.8 7.8 11.8





#69

Phenanthrene

Concen: 3.371 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042039.D

Acq: 7 Aug 2019 20:09

Instrument :

BNA_G

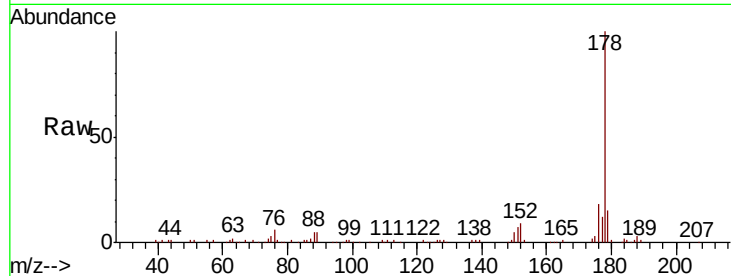
ClientSampleId :

BENT6

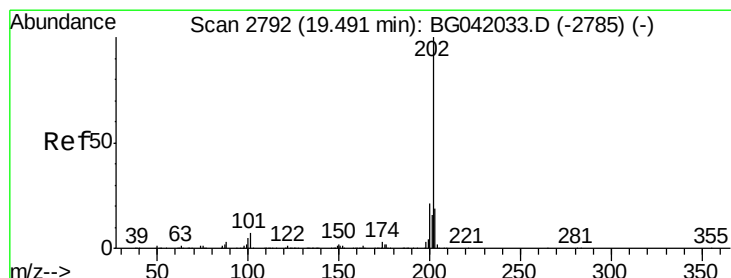
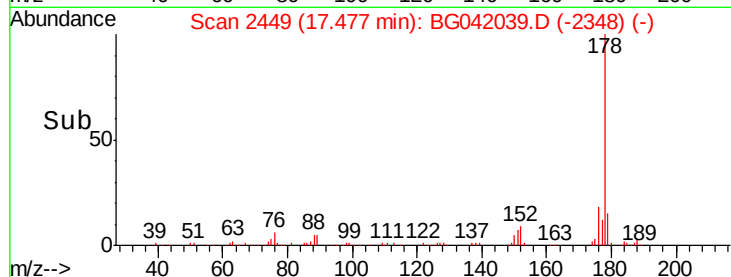
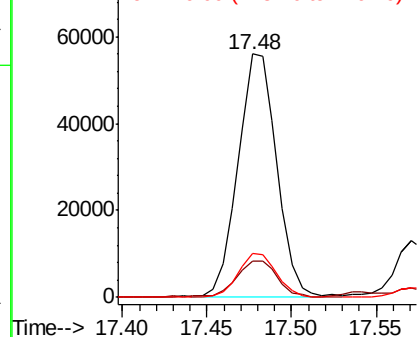
Tot Ion:	178	Resp:	89591
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.8	19.2
176	17.9	15.4	23.2

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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



#76

Fluoranthene

Concen: 6.617 ng/ul m

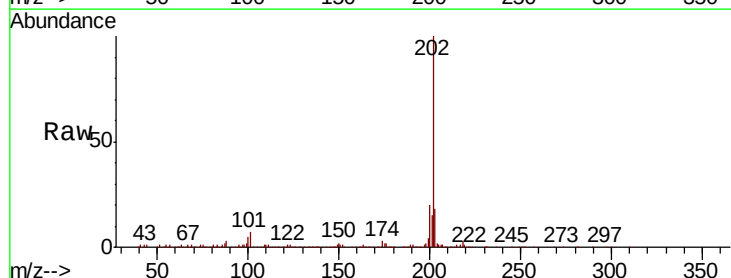
RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

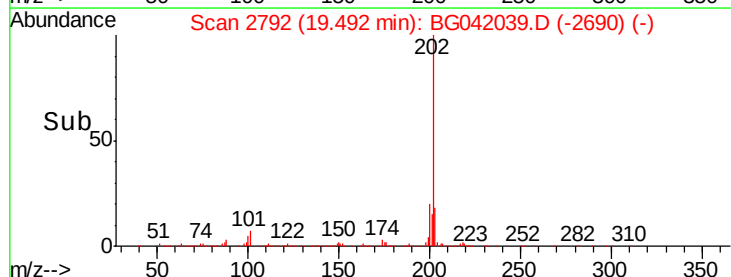
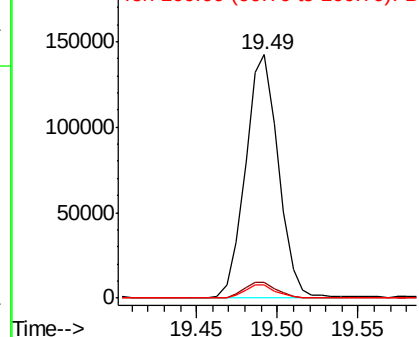
Lab File: BG042039.D

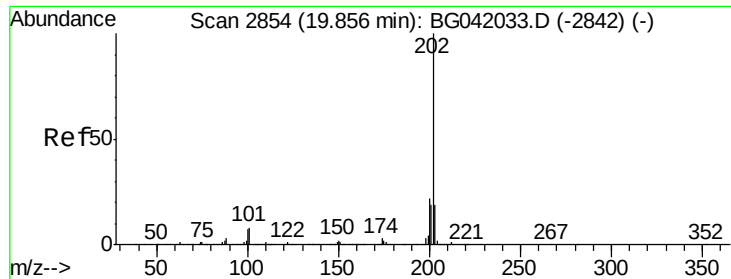
Acq: 7 Aug 2019 20:09

Tgt Ion:	202	Resp:	203166
Ion Ratio	Lower	Upper	
202	100		
101	6.7	6.7	10.1#
100	5.4	5.3	7.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





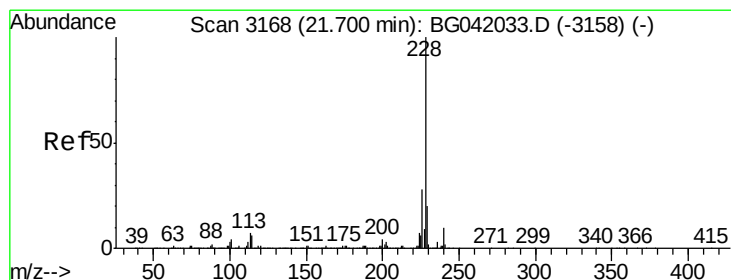
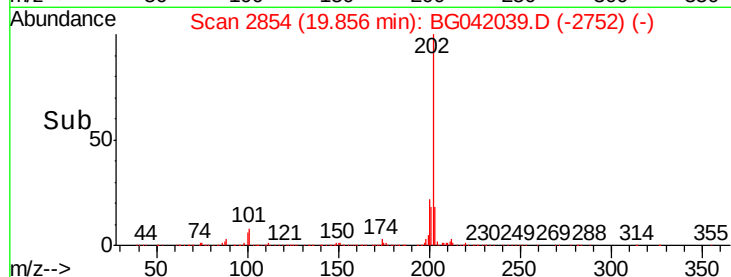
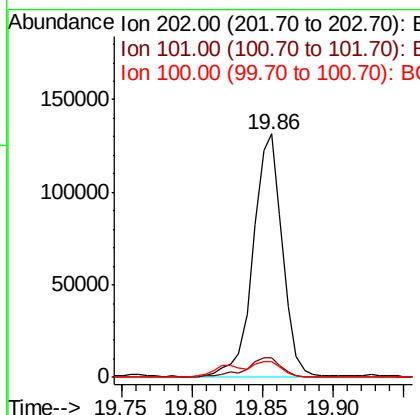
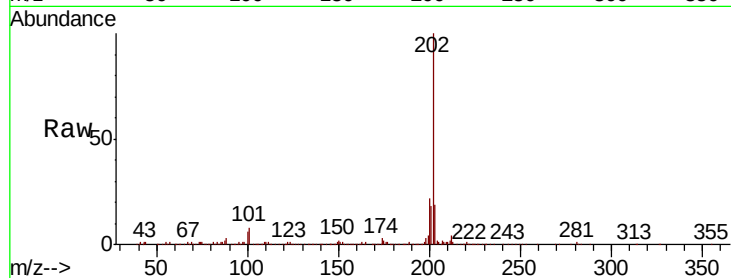
#79
Pvrene
Concen: 5.939 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042039.D
Acq: 7 Aug 2019 20:09

Instrument :
BNA_G
ClientSampleId :
BENT6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	7.6	11.4
100	6.4	6.5	9.7

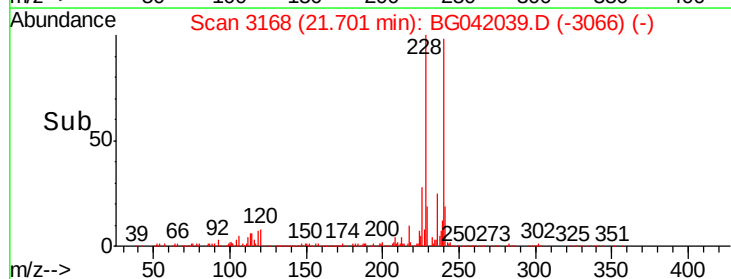
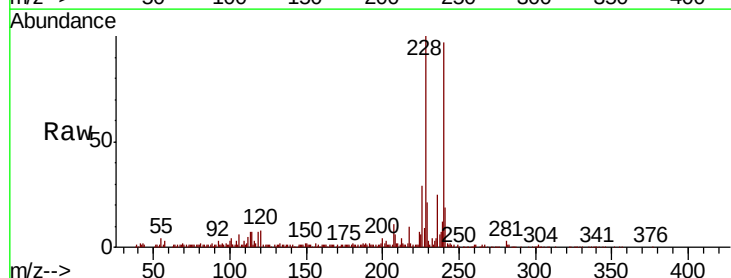
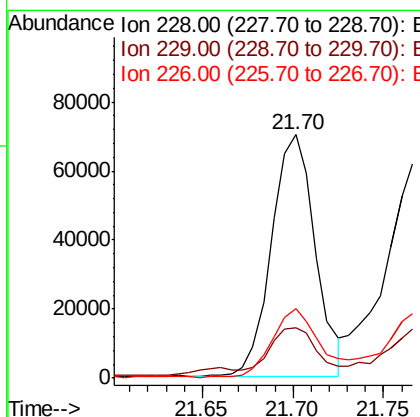
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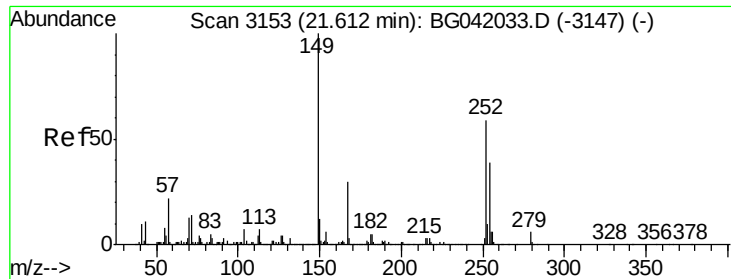
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#82
Benzo(a)anthracene
Concen: 3.594 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042039.D
Acq: 7 Aug 2019 20:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	17.0	25.6
226	28.6	23.3	34.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.342 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG042039.D

Acq: 7 Aug 2019 20:09

Instrument :

BNA_G

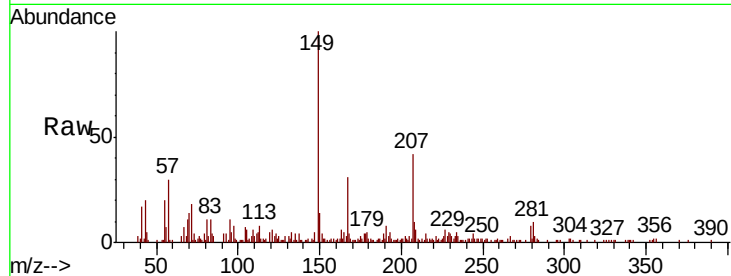
ClientSampleId :

BENT6

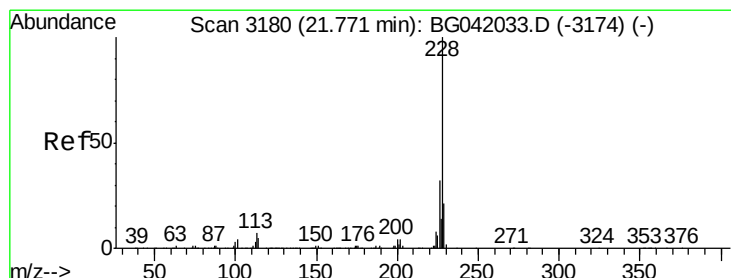
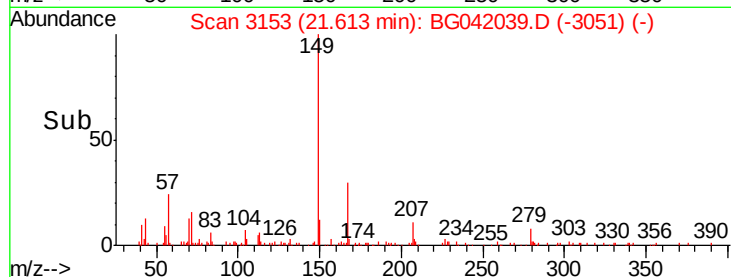
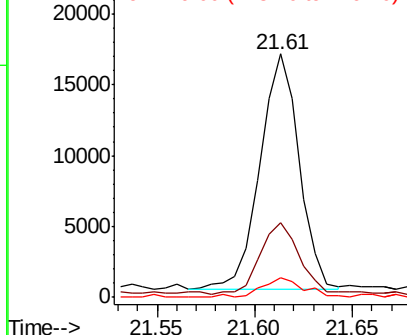
Tot Ion:	149	Resp:	23133
Ion Ratio	Lower	Upper	
149	100		
167	30.7	25.0	37.4
279	8.0	5.2	7.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 3.840 ng/ul

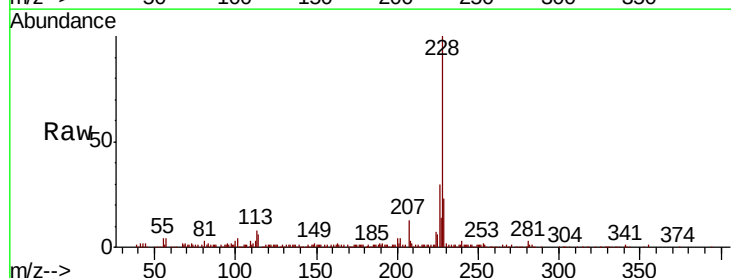
RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

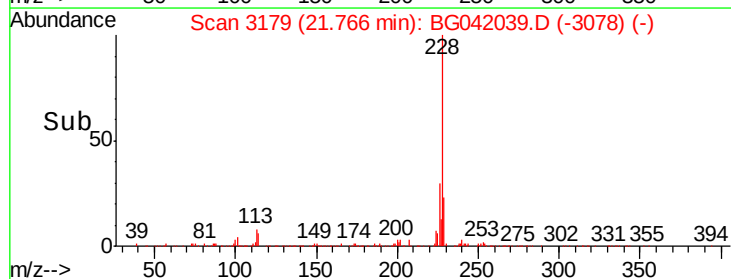
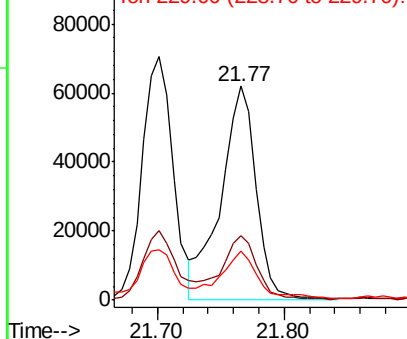
Lab File: BG042039.D

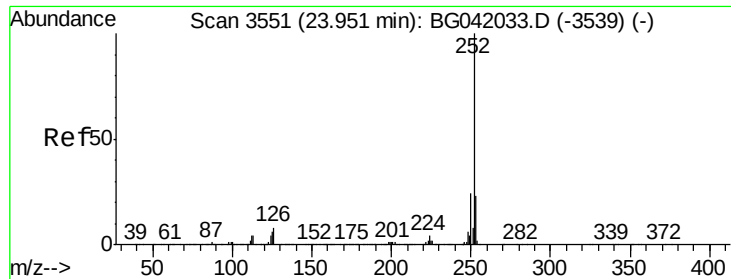
Acq: 7 Aug 2019 20:09

Tgt Ion:	228	Resp:	118550
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.7	38.5
229	23.1	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 4.004 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042039.D

Acq: 7 Aug 2019 20:09

Instrument :

BNA_G

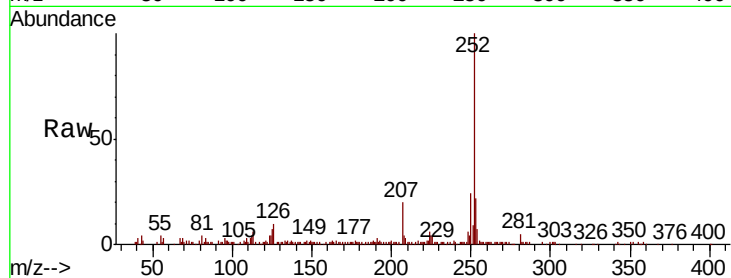
ClientSampled :

BENT6

Tot Ion:	252	Resp:	140794
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	7.3	5.8	8.8

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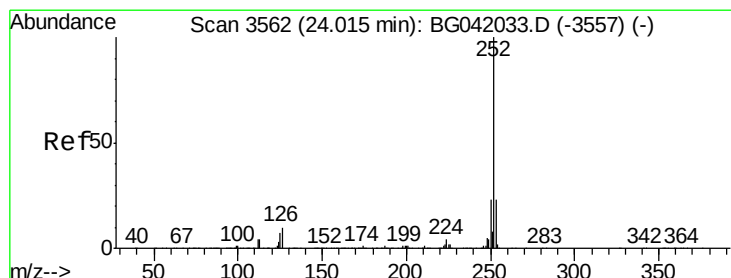
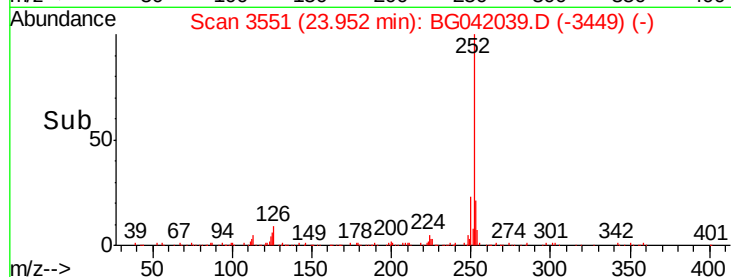
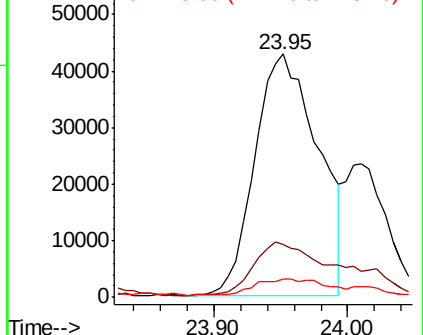


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 1.476 ng/ul

RT: 24.01 min Scan# 3561

Delta R.T. -0.00 min

Lab File: BG042039.D

Acq: 7 Aug 2019 20:09

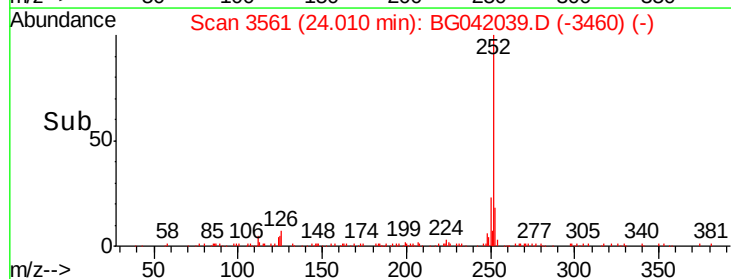
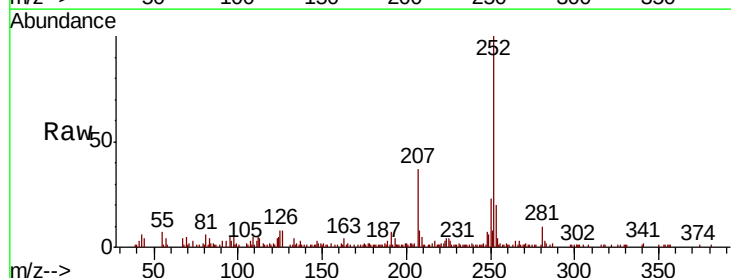
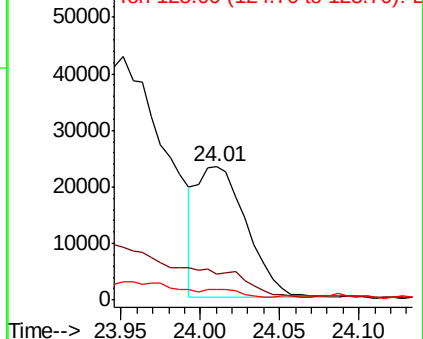
Tgt Ion:	252	Resp:	49900
Ion Ratio	Lower	Upper	
252	100		
253	19.6	18.3	27.5
125	7.9	5.5	8.3

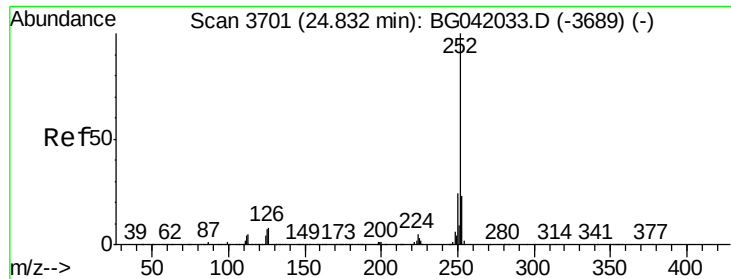
Abundance

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





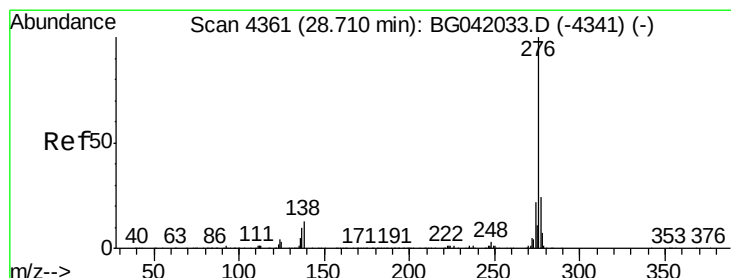
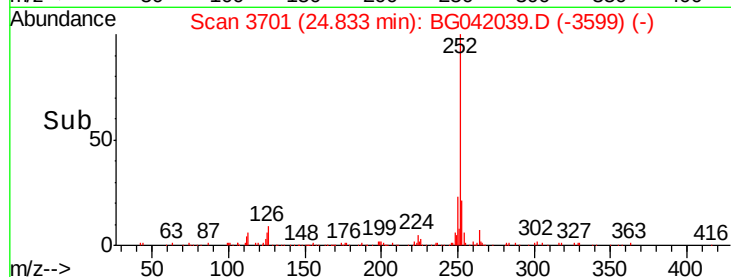
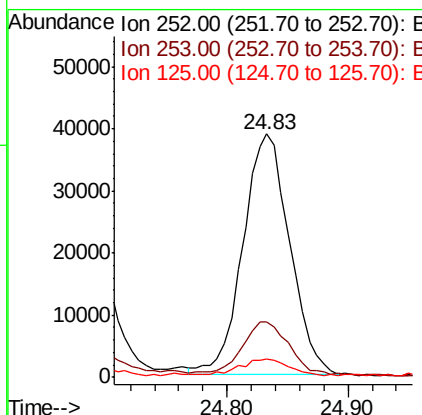
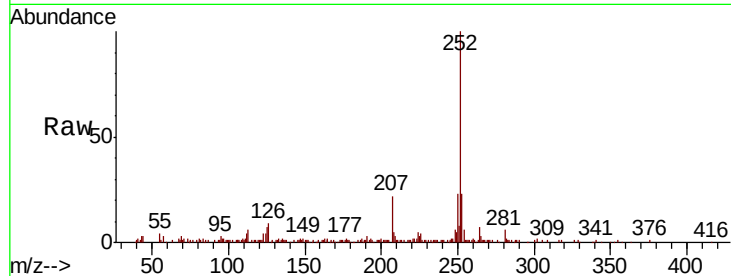
#90
Benzo(a)pyrene
Concen: 3.075 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042039.D
Acq: 7 Aug 2019 20:09

Instrument :
BNA_G
ClientSampled :
BENT6

Tot Ion:	252	Resp:	103055
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	7.3	6.5	9.7

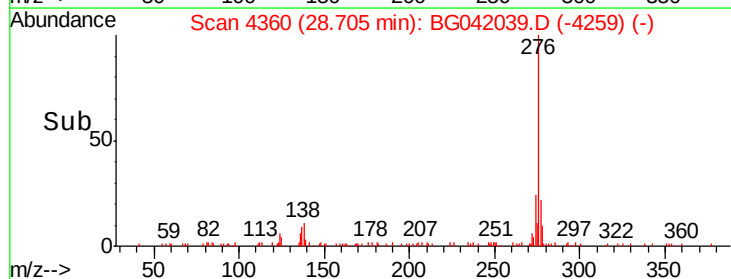
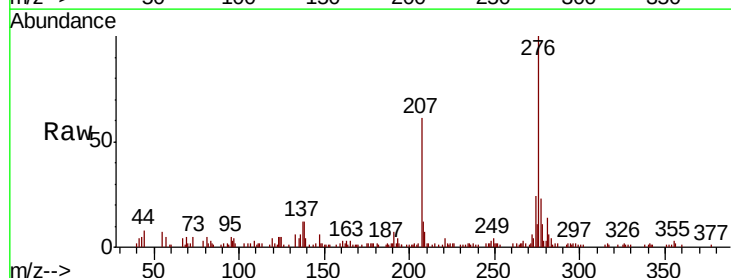
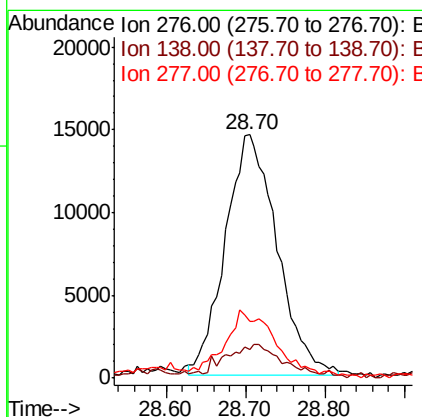
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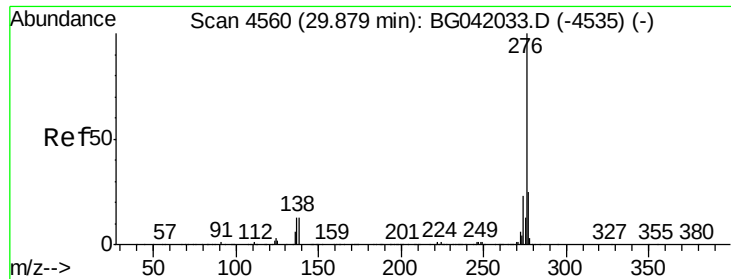
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.678 ng/ul
RT: 28.70 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042039.D
Acq: 7 Aug 2019 20:09

Tgt Ion:	276	Resp:	65582
Ion Ratio	Lower	Upper	
276	100		
138	15.6	12.0	18.0
277	23.5	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 1.447 ng/ul

RT: 29.86 min Scan# 4557

Delta R.T. -0.02 min

Lab File: BG042039.D

Acq: 7 Aug 2019 20:09

Instrument :

BNA_G

ClientSampleId :

BENT6

Tot Ion:	276	Resp:	47216
Ion Ratio	Lower	Upper	
276	100		
138	13.3	12.6	18.8
277	22.9	19.2	28.8

Manual Integrations
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