

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042117.D
 Acq On : 10 Aug 2019 00:40
 Operator : HP/JU
 Sample : K4041-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:17:17 AM

Quant Time: Aug 10 04:46:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	80306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	334377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	235212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	486867	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	477206	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	576433	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3444	1.88	ng/uL	0.00
5) Phenol-d5	7.18	99	83396	13.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	42978	12.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	77454	14.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	68272	12.90	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	39185	15.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	49716	17.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	90506	15.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	79992	12.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	295962	16.22	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	338113	16.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	27992	9.14	ng/ul	0.01
57) Fluorene-d10	15.68	176	263524	16.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	40192	12.87	ng/ul	0.00
70) Anthracene-d10	17.53	188	393933	16.86	ng/ul	0.00
78) Pyrene-d10	19.83	212	446822	16.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	503600	16.72	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	13684	2.103	ng/ul#	93
44) Dimethylphthalate	14.13	163	68517	3.783	ng/ul	99
69) Phenanthrene	17.48	178	85715	3.216	ng/ul	99
76) Fluoranthene	19.49	202	223570	7.260	ng/ul	96
79) Pyrene	19.86	202	257467	8.021	ng/ul#	95
82) Benzo(a)anthracene	21.70	228	162003	4.896	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	93049	5.398	ng/ul	99
84) Chrysene	21.77	228	168247	5.448	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	193195	5.341	ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	69615m	2.002	ng/ul	
90) Benzo(a)pyrene	24.84	252	161533m	4.686	ng/ul	
91) Indeno(1,2,3-cd)pyrene	28.73	276	96861m	2.409	ng/ul	
93) Benzo(g,h,i)perylene	29.88	276	93301	2.779	ng/ul	97

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

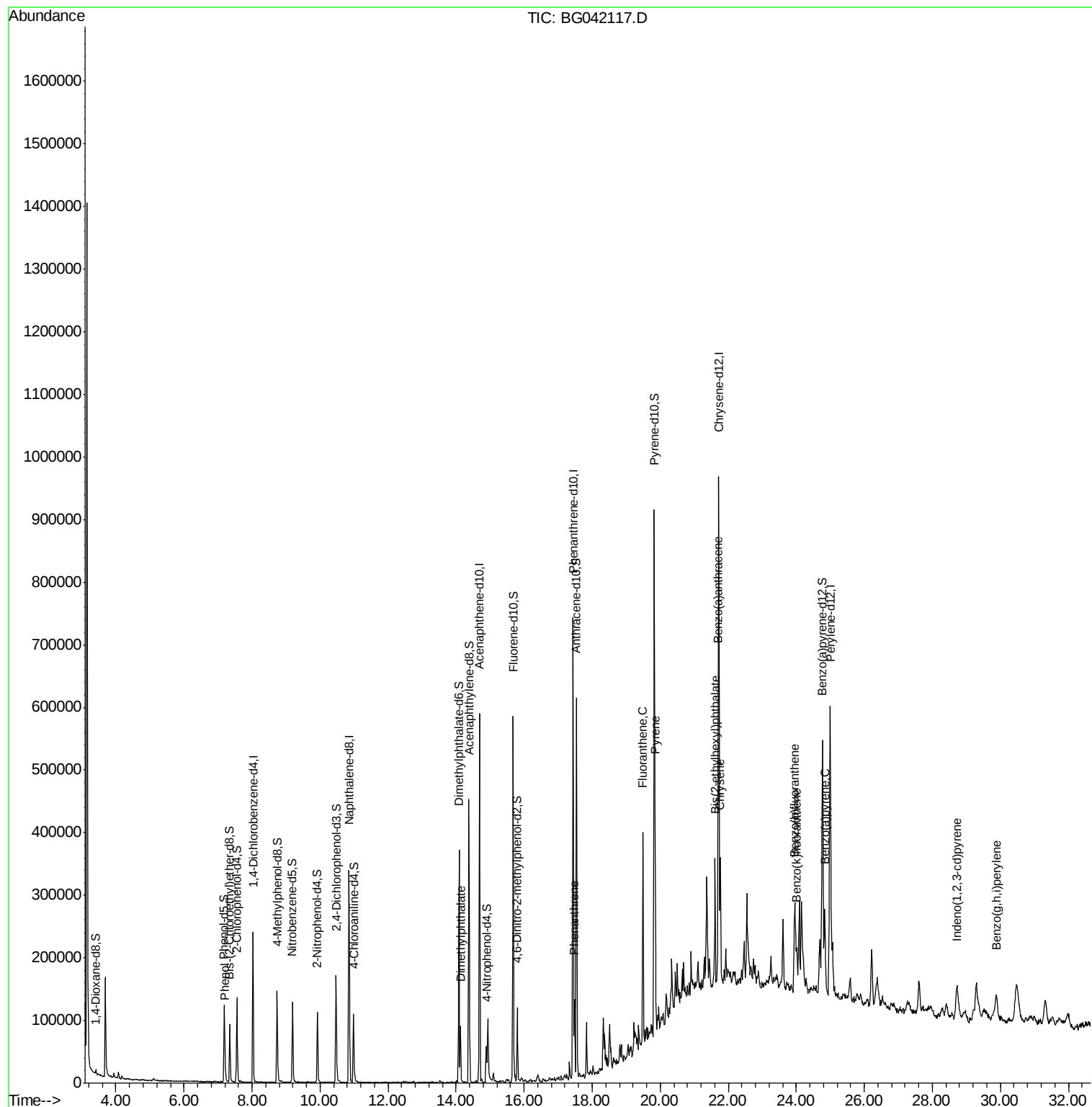
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042117.D
Acq On : 10 Aug 2019 00:40
Operator : HP/JU
Sample : K4041-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

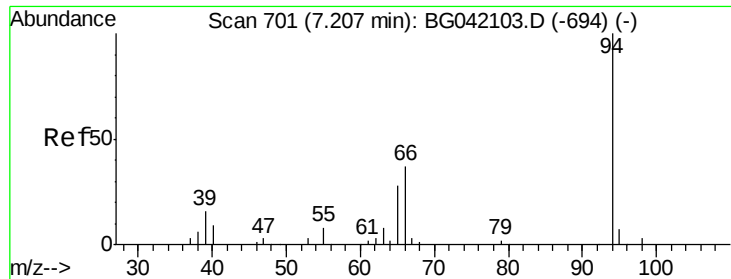
Instrument :
BNA_G
ClientSampleId :
BENW6

Quant Time: Aug 10 04:46:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

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#6

Phenol

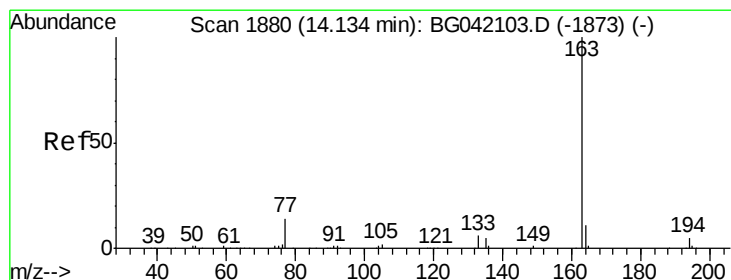
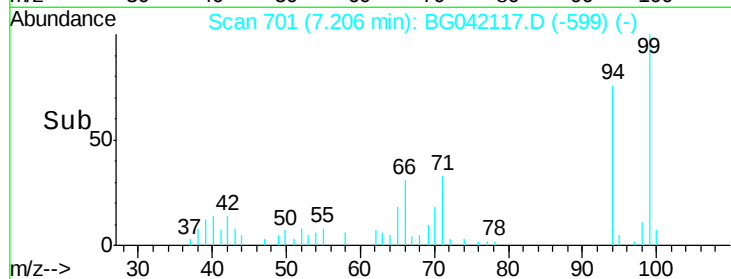
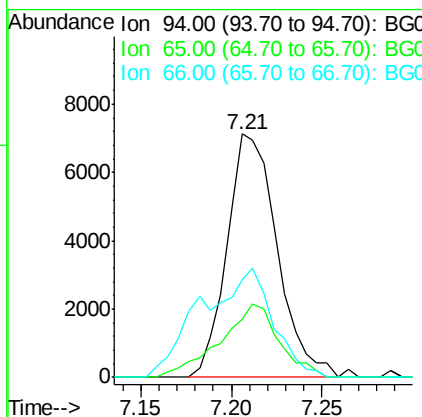
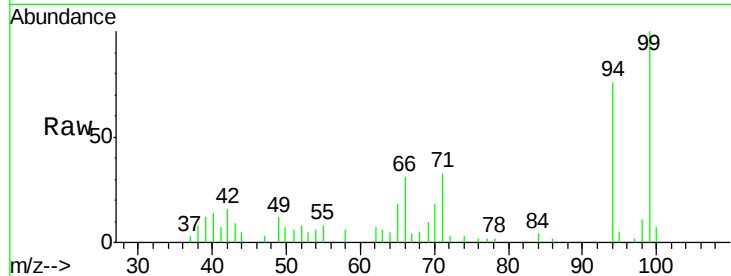
Concen: 2.103 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042117.D
 Acq: 10 Aug 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :
 BENW6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		13684		
65	23.8	25.8	38.6#		
66	40.3	31.8	47.8		

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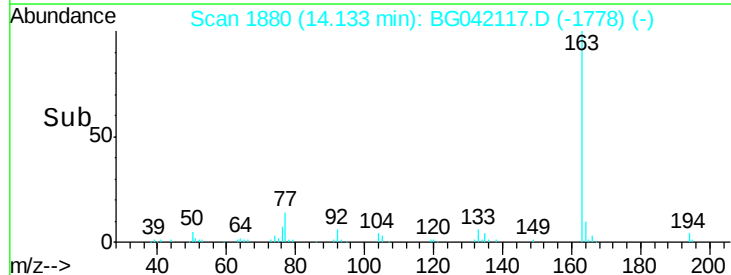
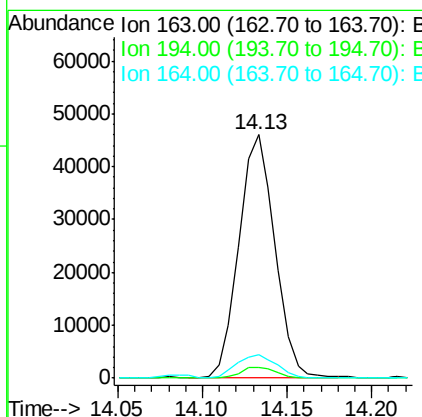
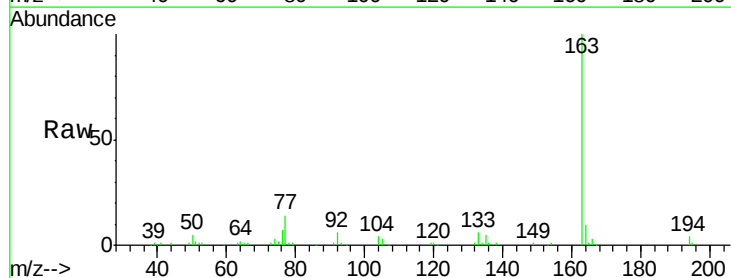


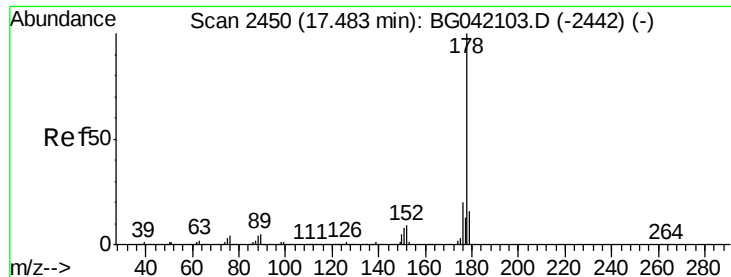
#44

Dimethylphthalate

Concen: 3.783 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BG042117.D
 Acq: 10 Aug 2019 00:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		68517		
194	4.4	4.2	6.2		
164	9.7	7.8	11.8		





#69

Phenanthrene

Concen: 3.216 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG042117.D

Acq: 10 Aug 2019 00:40

Instrument :

BNA_G

ClientSampleId :

BENW6

Tot Ion:178 Resp: 85715

Ion Ratio Lower Upper

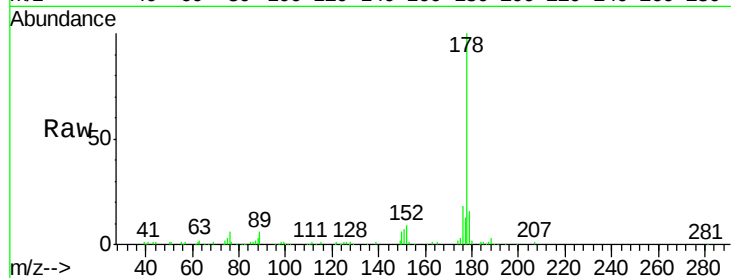
178 100

179 16.1 12.8 19.2

176 18.3 15.4 23.2

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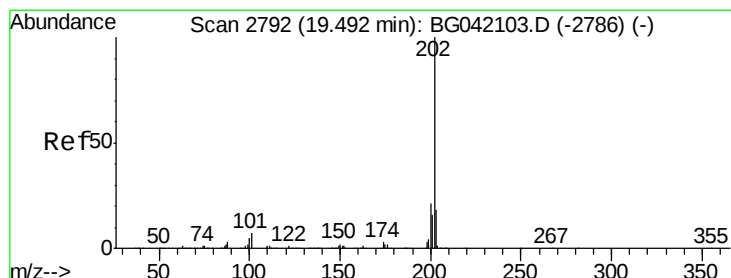
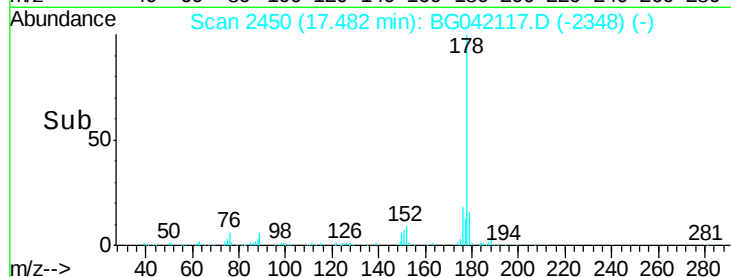
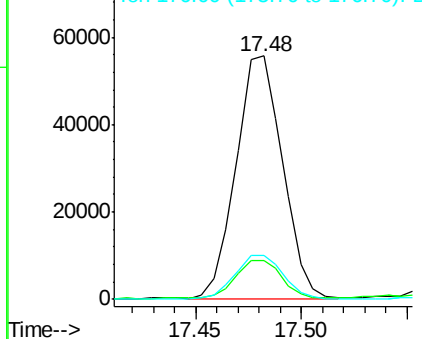
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 7.260 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG042117.D

Acq: 10 Aug 2019 00:40

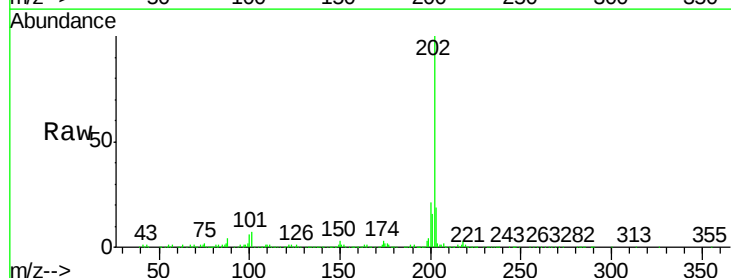
Tgt Ion:202 Resp: 223570

Ion Ratio Lower Upper

202 100

101 6.9 6.7 10.1

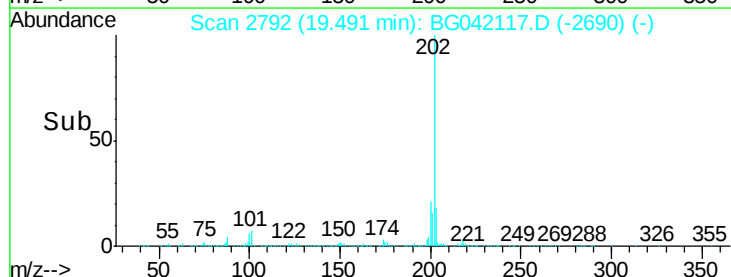
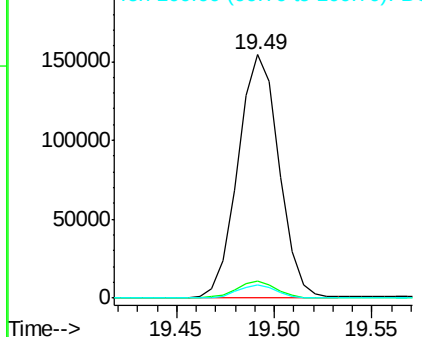
100 5.6 5.3 7.9

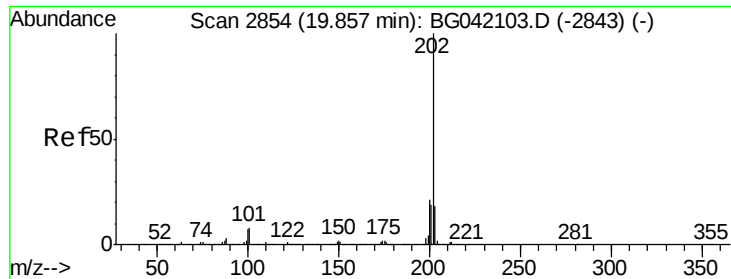


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 8.021 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG042117.D

Acq: 10 Aug 2019 00:40

Instrument :

BNA_G

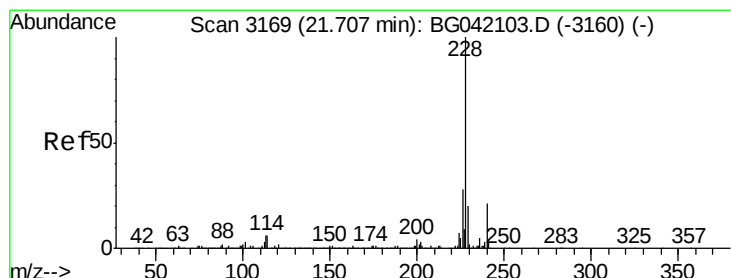
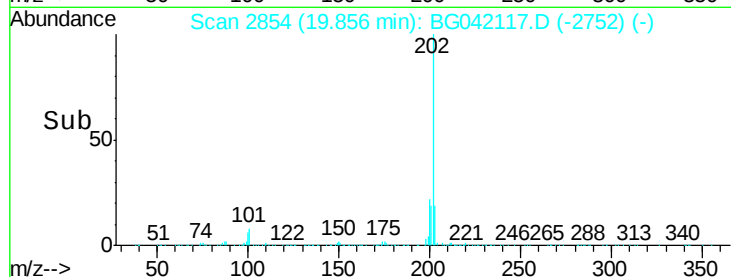
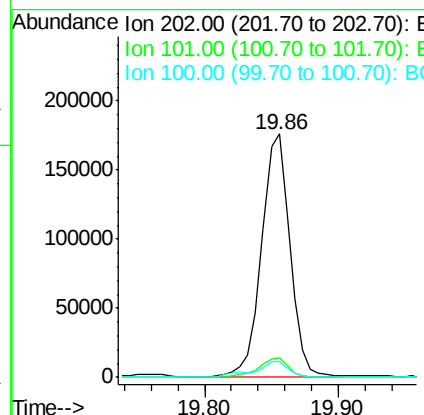
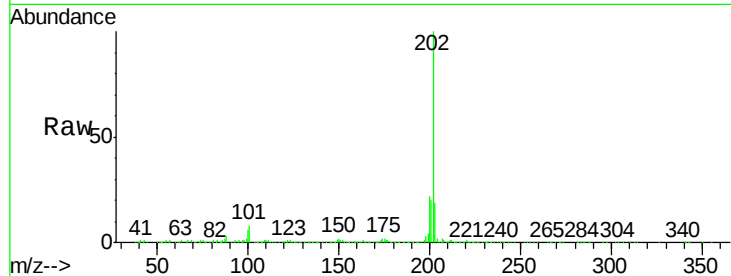
ClientSampleId :

BENW6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	257467		
101	7.9	7.6	11.4	
100	6.3	6.5	9.7	

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#82

Benzo(a)anthracene

Concen: 4.896 ng/ul

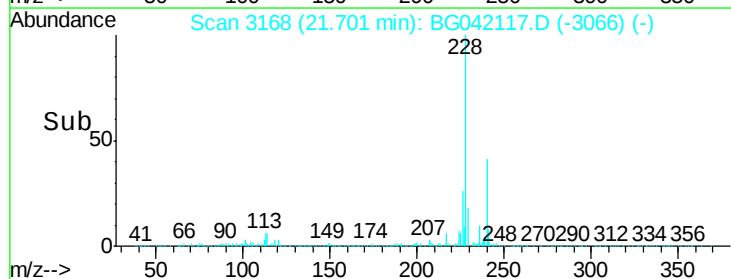
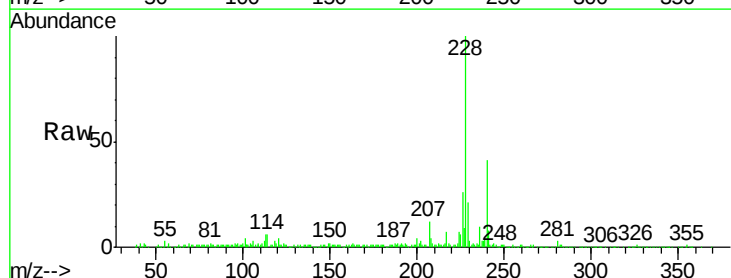
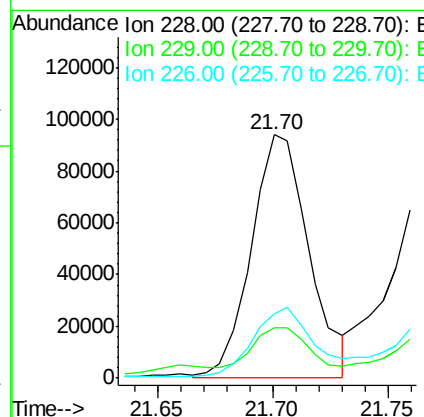
RT: 21.70 min Scan# 3168

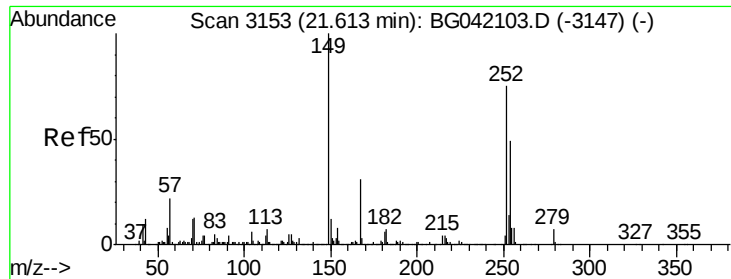
Delta R.T. -0.00 min

Lab File: BG042117.D

Acq: 10 Aug 2019 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	162003		
229	20.7	17.0	25.6	
226	26.3	23.3	34.9	





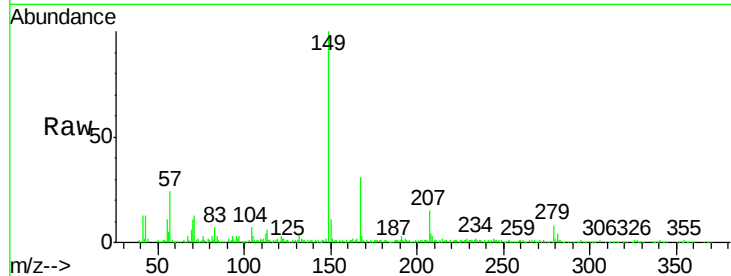
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.398 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG042117.D
 Acq: 10 Aug 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :
 BENW6

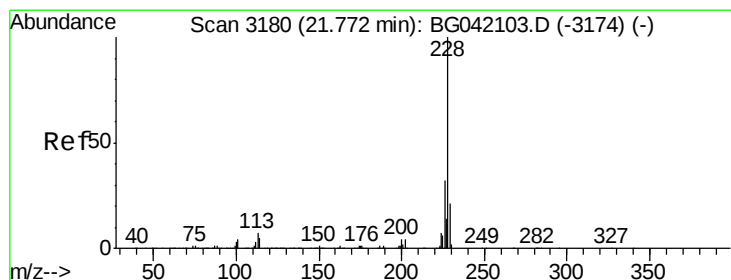
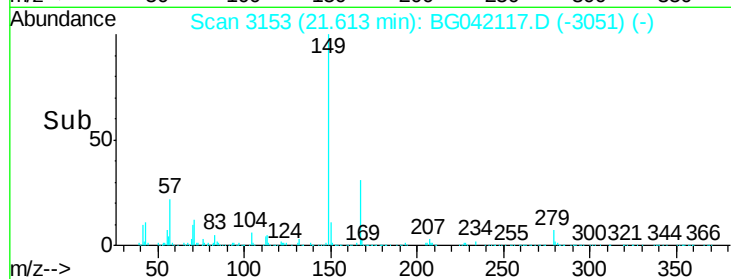
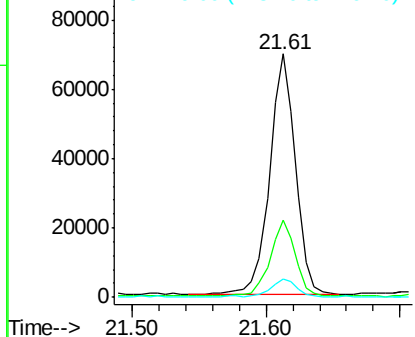
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.0	37.4
279	7.6	5.2	7.8

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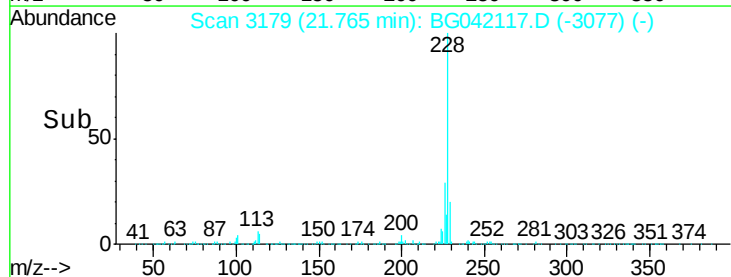
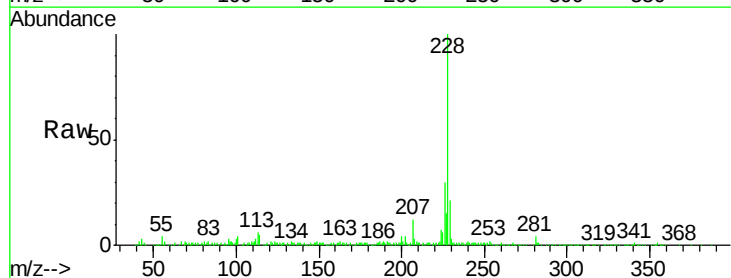
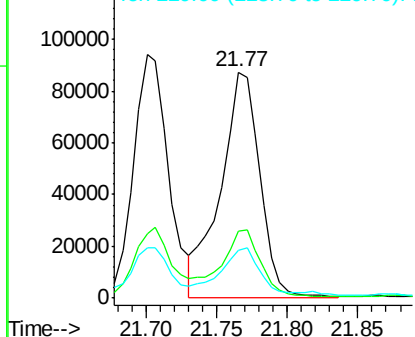
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

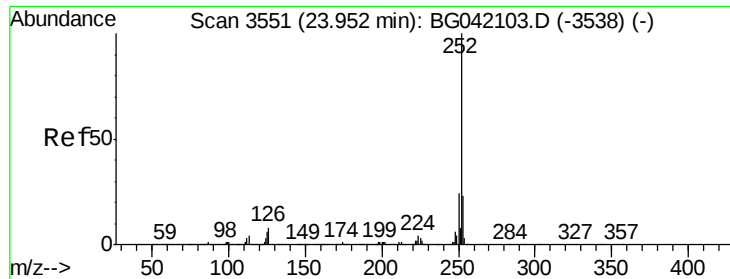


#84
 Chrysene
 Concen: 5.448 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG042117.D
 Acq: 10 Aug 2019 00:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	21.1	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: 5.341 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042117.D

Acq: 10 Aug 2019 00:40

Instrument :

BNA_G

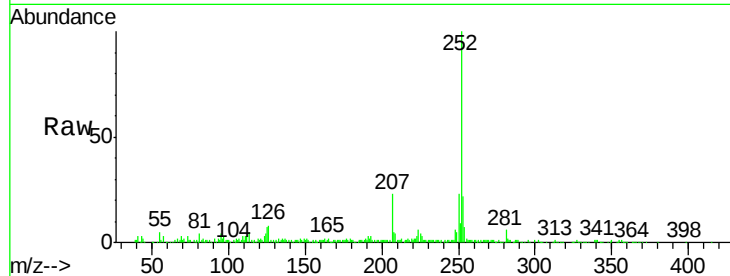
ClientSampleId :

BENW6

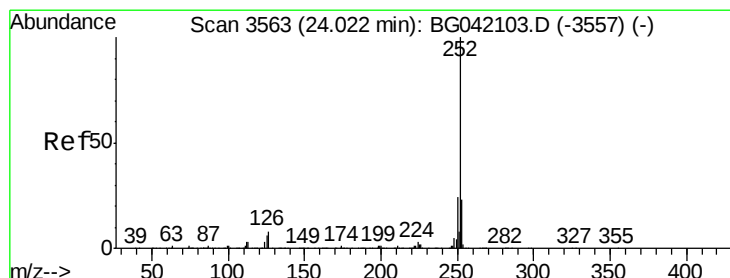
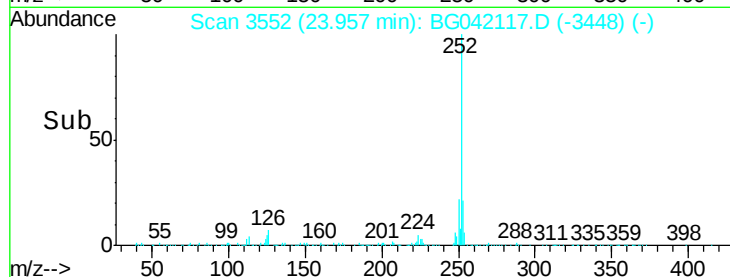
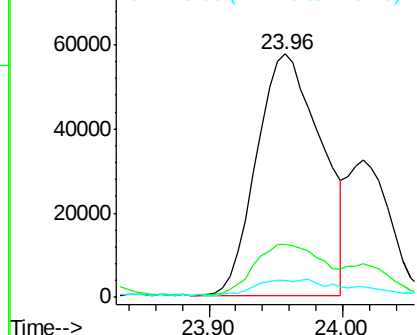
Tot Ion:	252	Resp:	193195
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	6.9	5.8	8.8

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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: 2.002 ng/ul m

RT: 24.02 min Scan# 3562

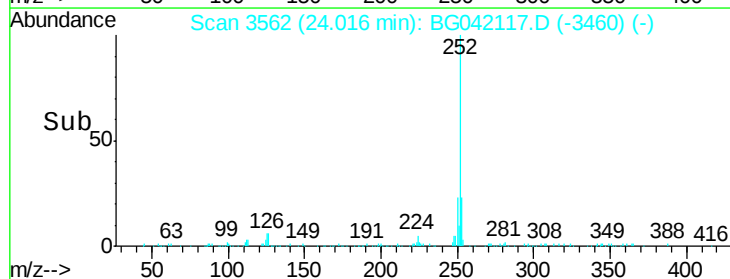
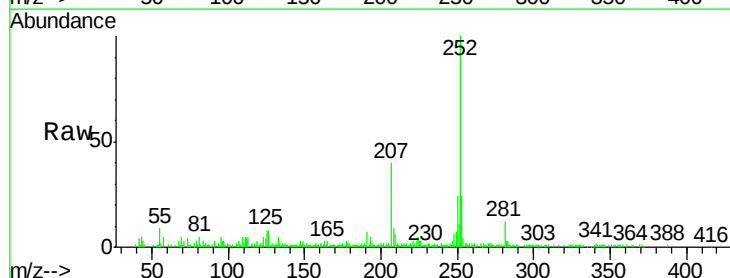
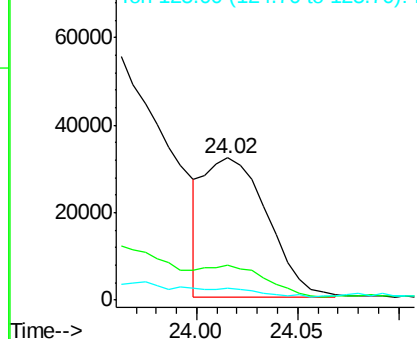
Delta R.T. -0.00 min

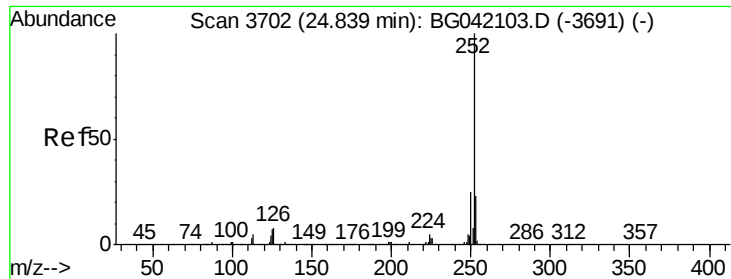
Lab File: BG042117.D

Acq: 10 Aug 2019 00:40

Tgt Ion:	252	Resp:	69615
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.3	27.5
125	8.0	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





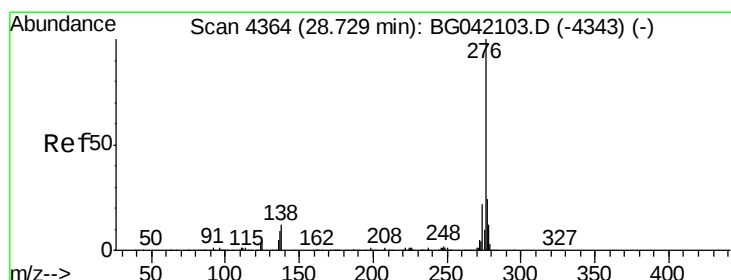
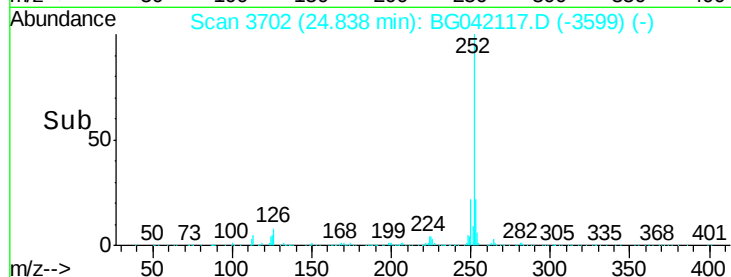
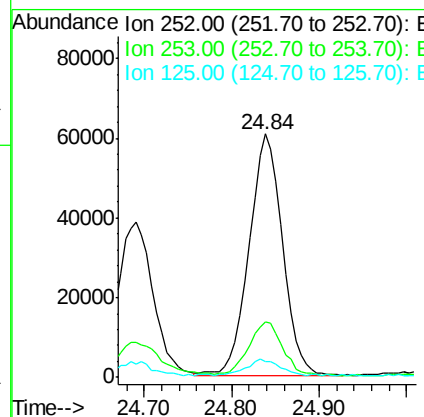
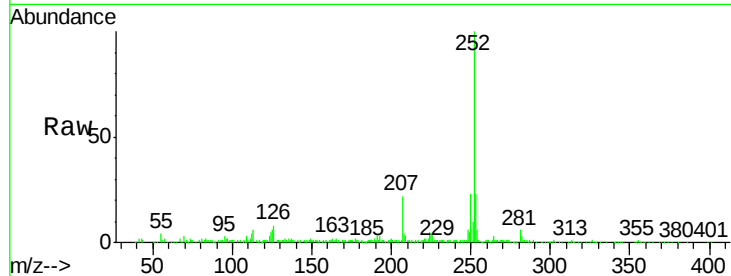
#90
Benzo(a)pyrene
Concen: 4.686 ng/ul m
RT: 24.84 min Scan# 3702
Delta R.T. 0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Instrument :
BNA_G
ClientSampled :
BENW6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.2	6.5	9.7#

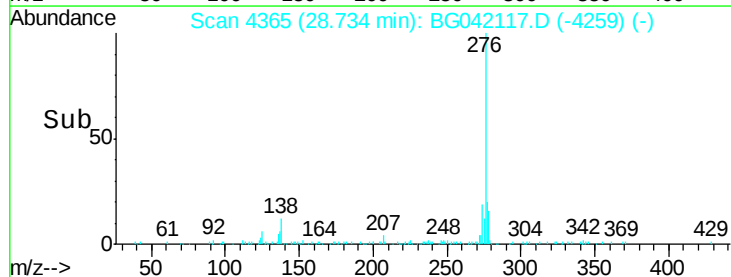
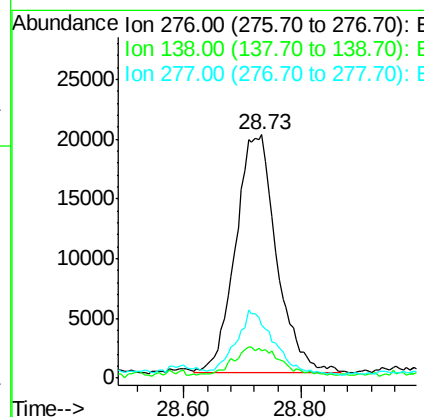
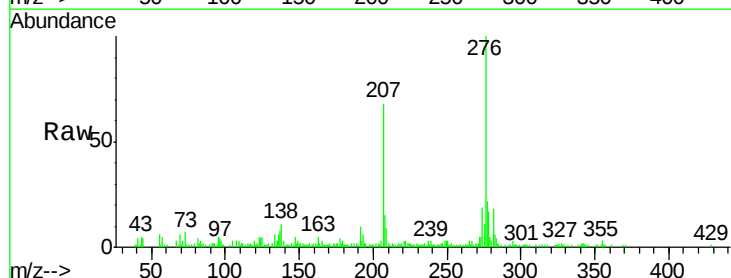
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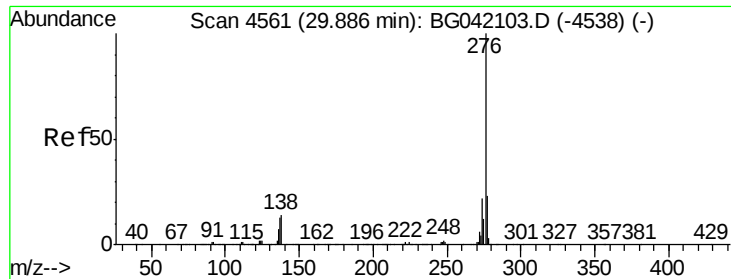
Sohil
8/13/2019 8:17:17 AM



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.409 ng/ul m
RT: 28.73 min Scan# 4365
Delta R.T. 0.02 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.3	12.0	18.0#
277	21.7	19.2	28.8





#93
 Benzo(a,h,i)perylene
 Concen: 2.779 ng/ul
 RT: 29.88 min Scan# 4560
 Delta R.T. -0.01 min
 Lab File: BG042117.D
 Acq: 10 Aug 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :
 BENW6

Tot Ion:	276	Resp:	93301
Ion Ratio	Lower	Upper	
276	100		
138	13.1	12.6	18.8
277	23.8	19.2	28.8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:17:17 AM

