

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042113.D
 Acq On : 9 Aug 2019 22:05
 Operator : HP/JU
 Sample : K4041-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW7

Manual Integrations
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Sohil
 8/13/2019 8:19:20 AM

Quant Time: Aug 10 04:29:50 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	81661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	336696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	484485	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	477522	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	570241	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4290	2.30	ng/uL	0.00
5) Phenol-d5	7.18	99	104508	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	52501	14.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	93138	17.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	89657	16.66	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	46552	18.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	58501	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	113521	19.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	75294	11.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	343926	18.76	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	400693	19.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	40526	13.16	ng/ul	0.01
57) Fluorene-d10	15.68	176	314363	19.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	54013	17.38	ng/ul	0.00
70) Anthracene-d10	17.54	188	452523	19.47	ng/ul	0.00
78) Pyrene-d10	19.83	212	502210	18.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	566232	19.01	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	17099	2.585 ng/ul	93
44) Dimethylphthalate	14.13	163	75653	4.155 ng/ul	100
69) Phenanthrene	17.48	178	142520	5.373 ng/ul	97
71) Anthracene	17.57	178	27803	1.034 ng/ul	99
76) Fluoranthene	19.49	202	297430m	9.705 ng/ul	
79) Pyrene	19.86	202	341951m	10.646 ng/ul	
82) Benzo(a)anthracene	21.70	228	218801	6.609 ng/ul	99
84) Chrysene	21.77	228	228133	7.382 ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	266233	7.440 ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	78934m	2.294 ng/ul	
90) Benzo(a)pyrene	24.84	252	210592	6.176 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	126527	3.181 ng/ul	98
92) Dibenzo(a,h)anthracene	28.76	278	37380m	1.152 ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	129003	3.885 ng/ul#	97

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

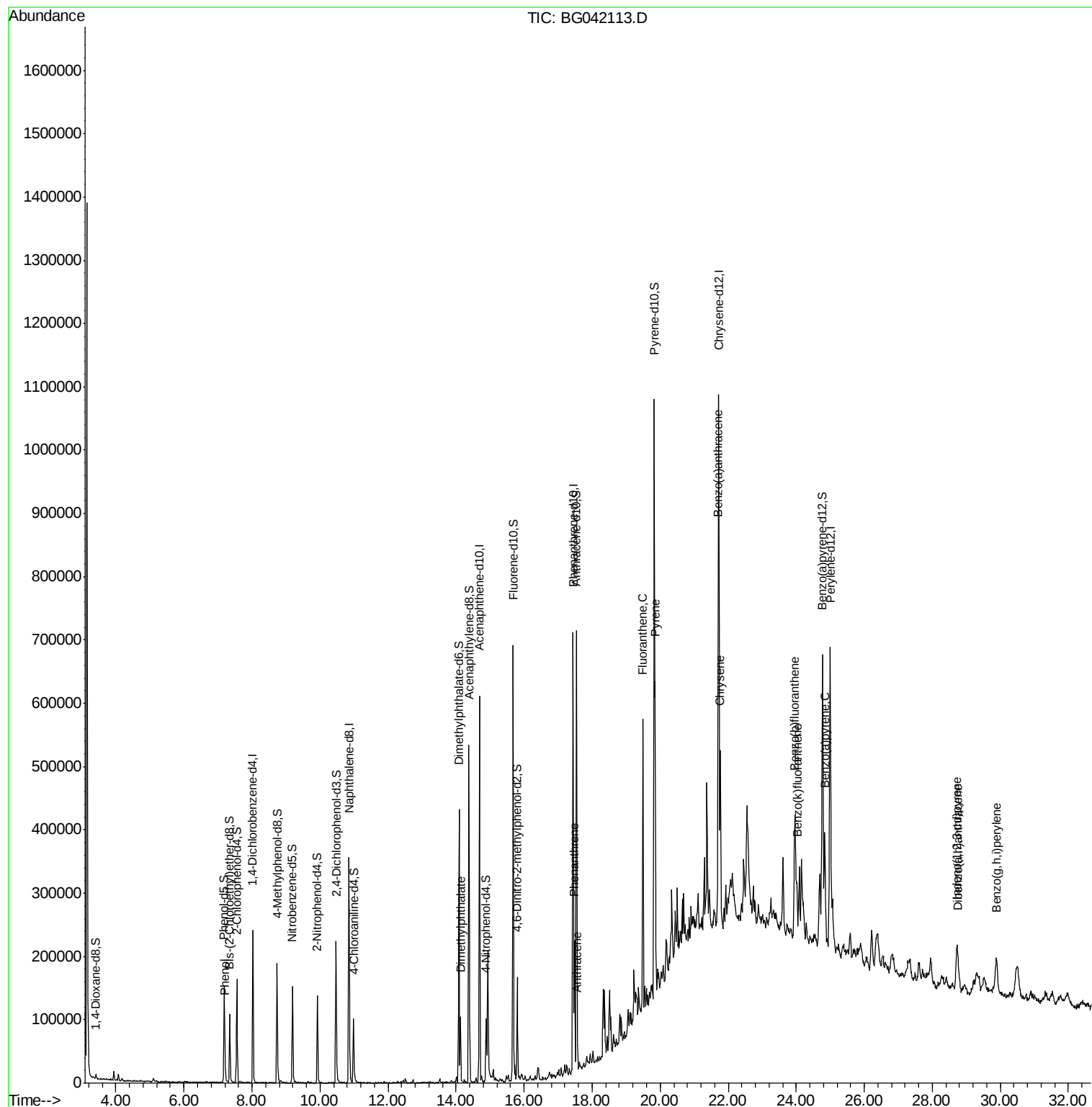
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042113.D
Acq On : 9 Aug 2019 22:05
Operator : HP/JU
Sample : K4041-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

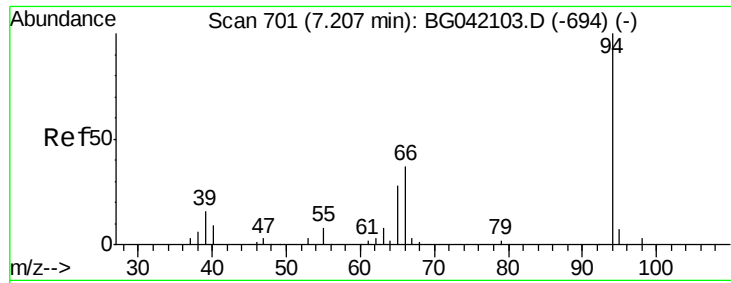
Instrument :
BNA_G
ClientSampled :
BENW7

Quant Time: Aug 10 04:29:50 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: 2.585 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

Instrument :

BNA_G

ClientSampleId :

BENW7

Tot Ion: 94 Resp: 17099

Ion Ratio Lower Upper

94 100

65 27.7 25.8 38.6

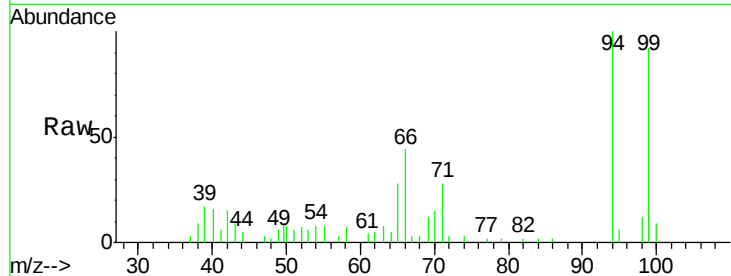
66 43.5 31.8 47.8

Manual Integrations

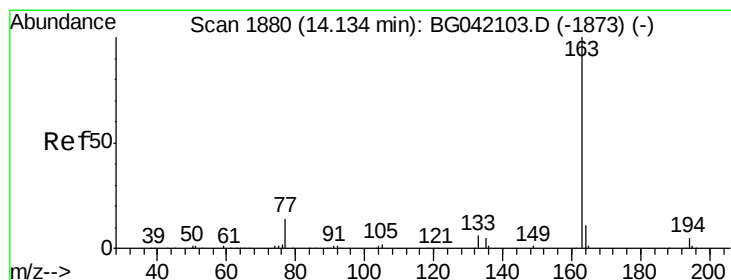
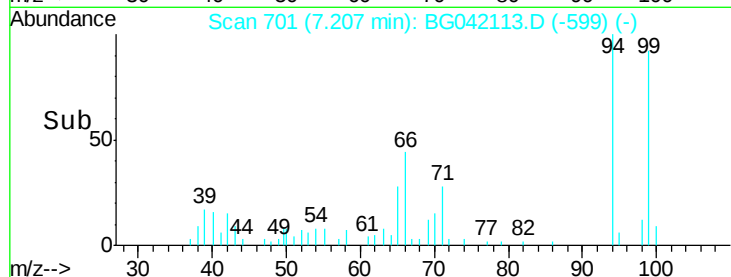
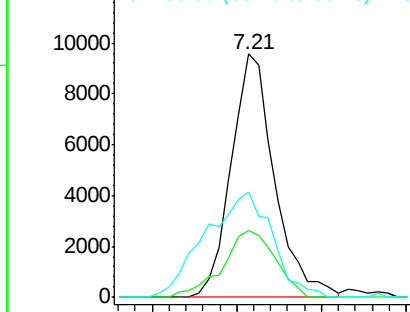
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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 4.155 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

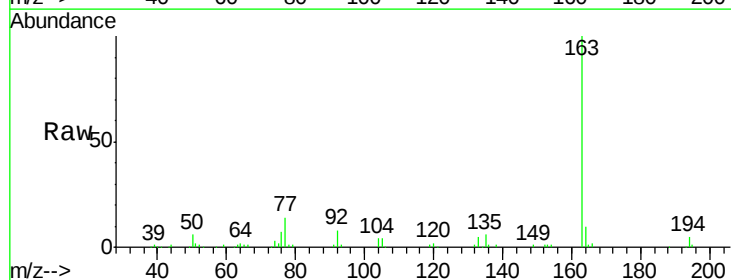
Tgt Ion:163 Resp: 75653

Ion Ratio Lower Upper

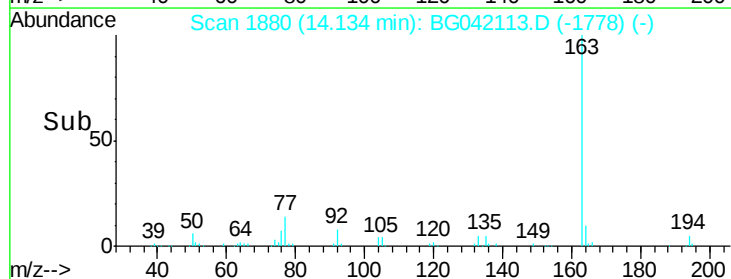
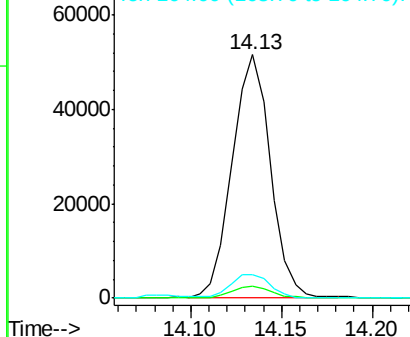
163 100

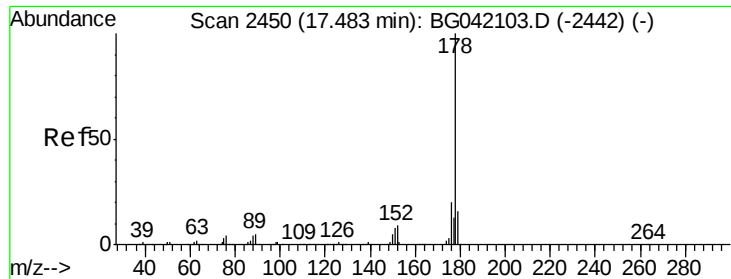
194 4.9 4.2 6.2

164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 5.373 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

Instrument :

BNA_G

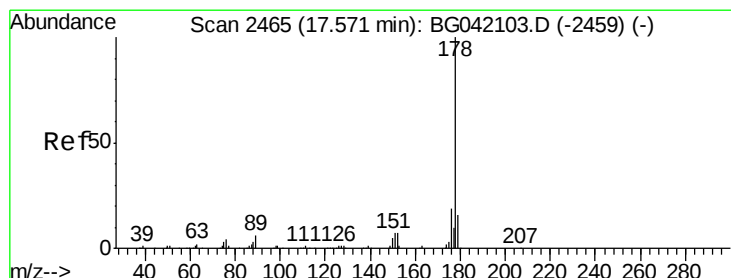
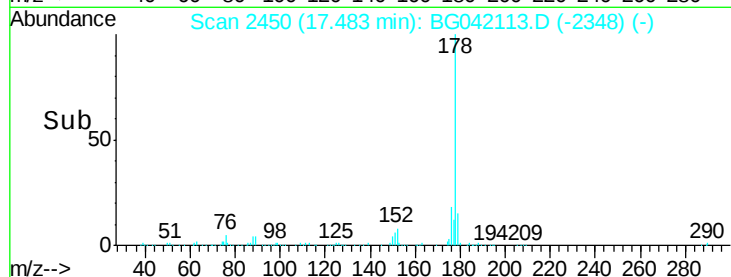
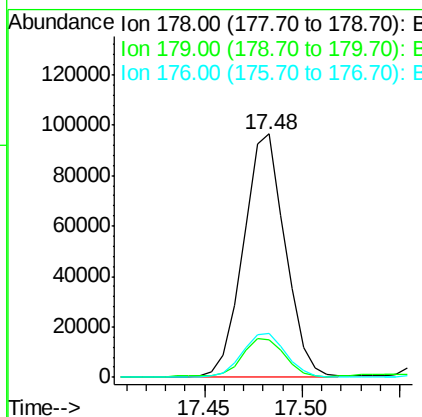
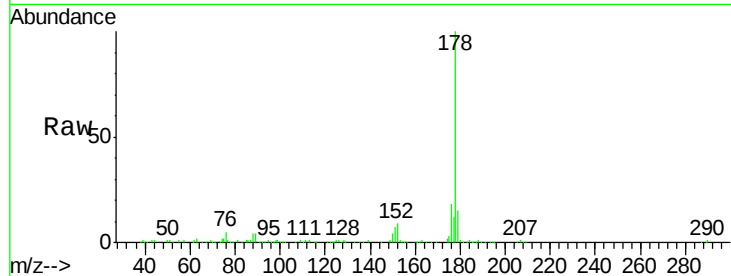
ClientSampleId :

BENW7

Tot Ion:	178	Resp:	142520
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	17.9	15.4	23.2

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#71

Anthracene

Concen: 1.034 ng/ul

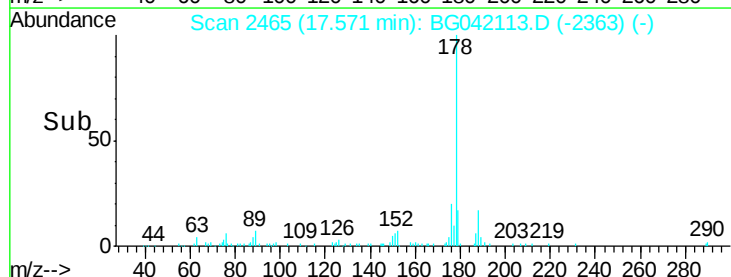
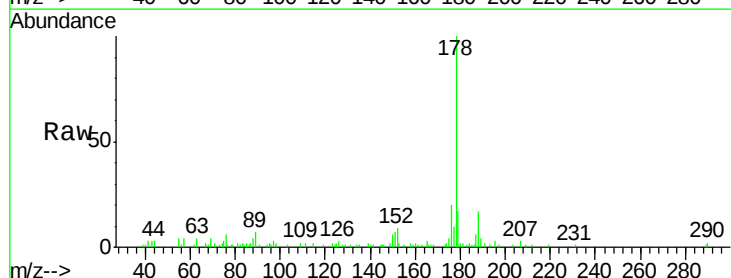
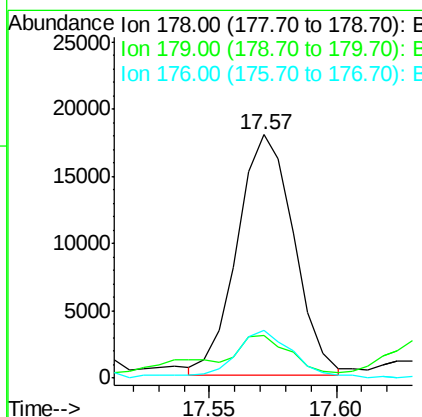
RT: 17.57 min Scan# 2465

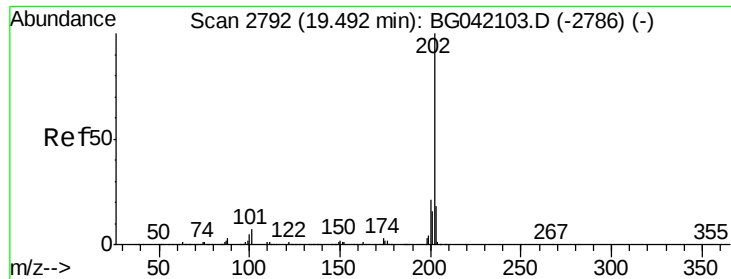
Delta R.T. 0.00 min

Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

Tgt Ion:	178	Resp:	27803
Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.4	20.0
176	19.7	15.4	23.2





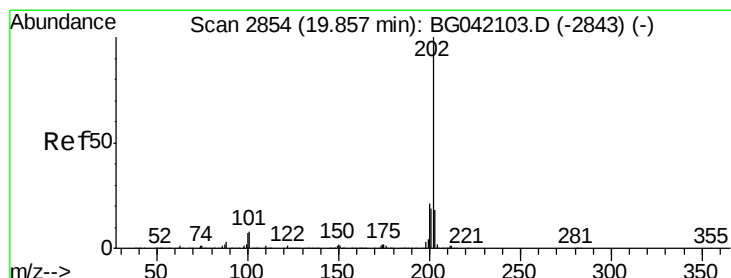
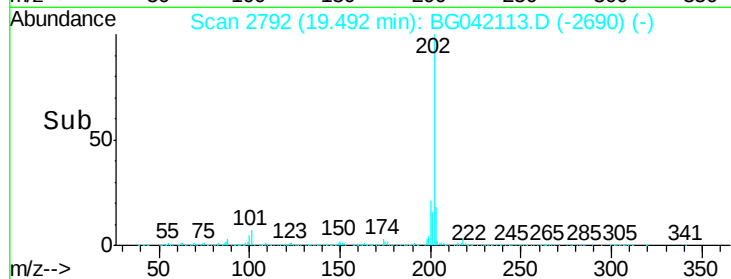
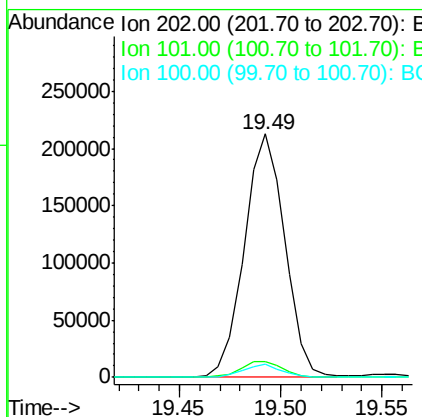
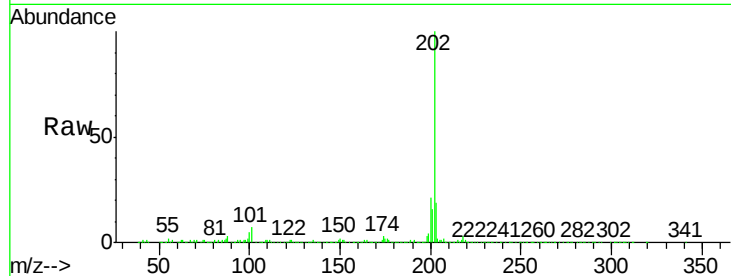
#76
 Fluoranthene
 Concen: 9.705 ng/ul m
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042113.D
 Acq: 9 Aug 2019 22:05

Instrument :
 BNA_G
 ClientSampled :
 BENW7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	297430		
101	6.7	6.7	10.1#	
100	5.2	5.3	7.9#	

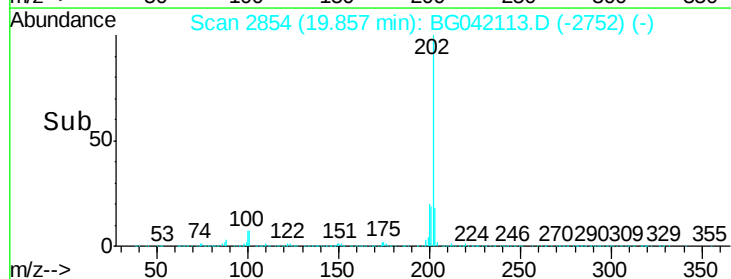
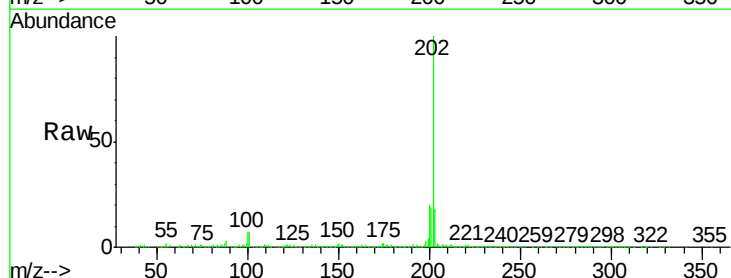
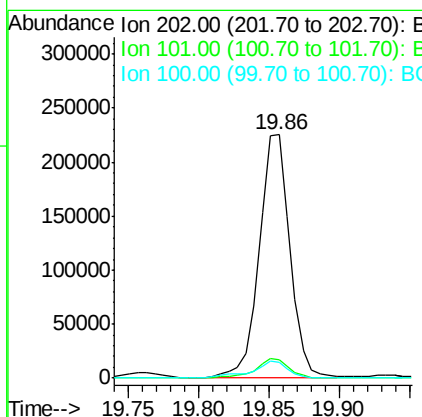
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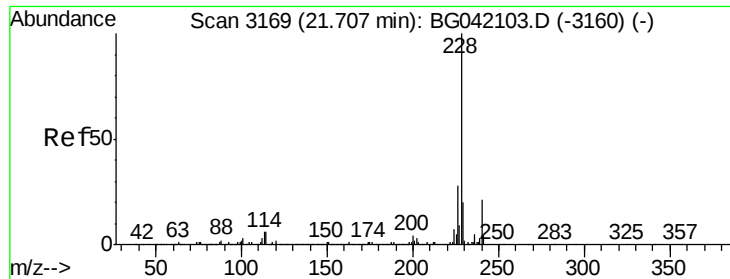
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#79
 Pyrene
 Concen: 10.646 ng/ul m
 RT: 19.86 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG042113.D
 Acq: 9 Aug 2019 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	341951		
101	7.4	7.6	11.4#	
100	6.6	6.5	9.7	





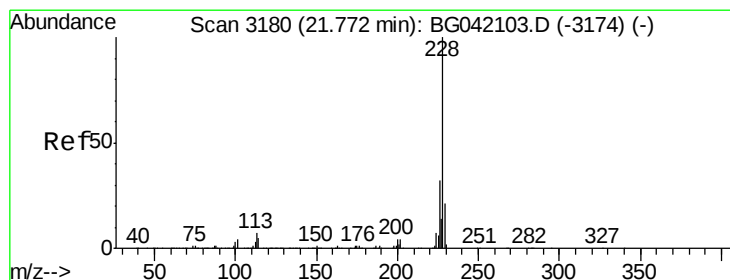
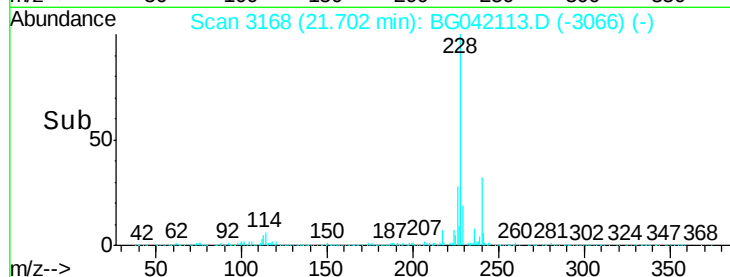
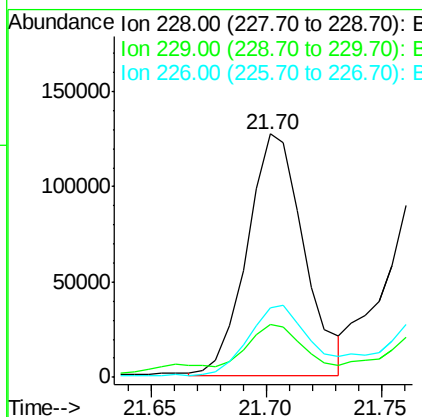
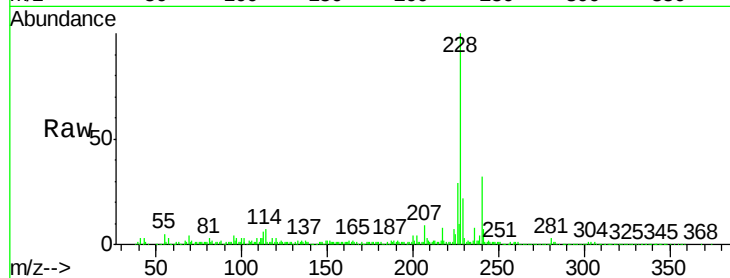
#82
Benzo(a)anthracene
Concen: 6.609 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042113.D
Acq: 9 Aug 2019 22:05

Instrument :
BNA_G
ClientSampleId :
BENW7

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	17.0	25.6
226	28.6	23.3	34.9

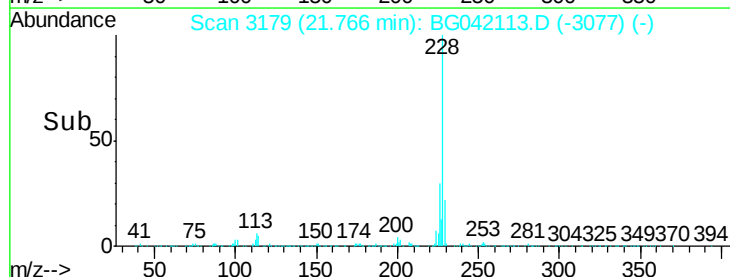
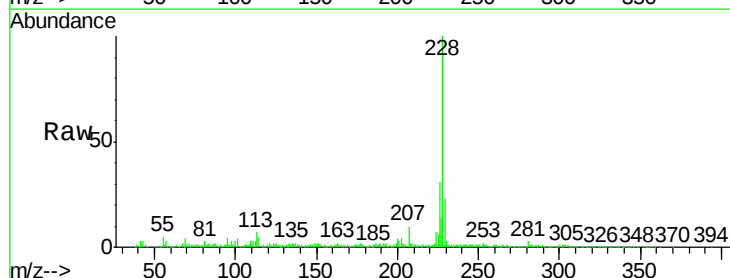
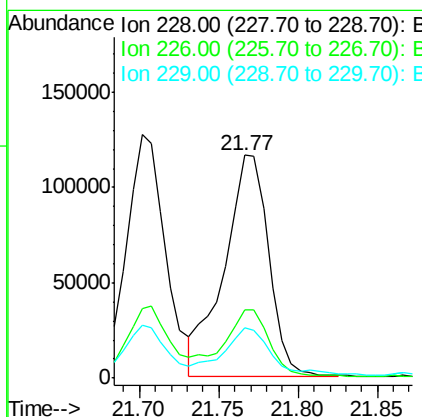
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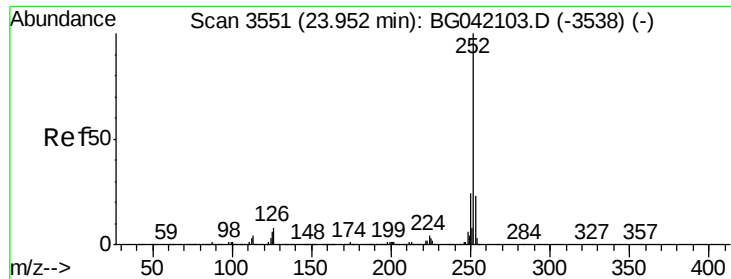
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#84
Chrysene
Concen: 7.382 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BG042113.D
Acq: 9 Aug 2019 22:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	22.6	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 7.440 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

Instrument :

BNA_G

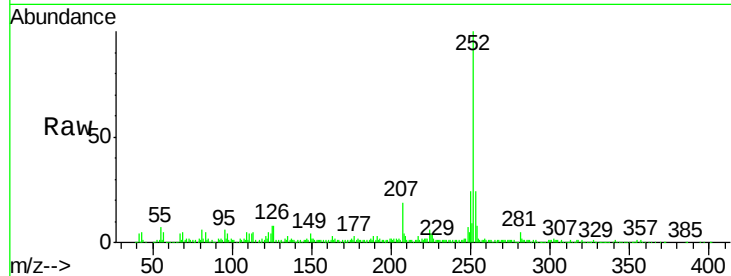
ClientSampled :

BENW7

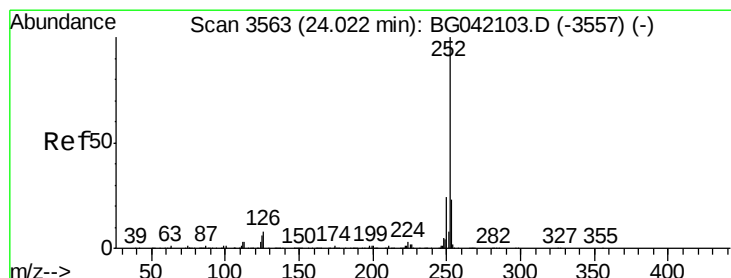
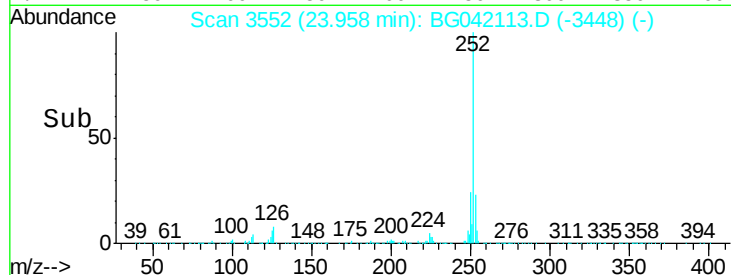
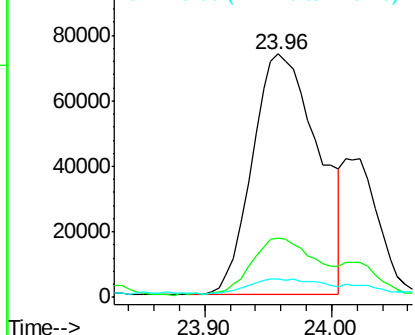
Tot Ion:	252	Resp:	266233
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.4	27.6
125	7.6	5.8	8.8

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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: 2.294 ng/ul m

RT: 24.02 min Scan# 3563

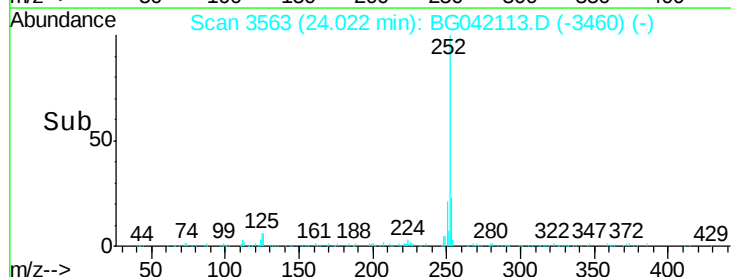
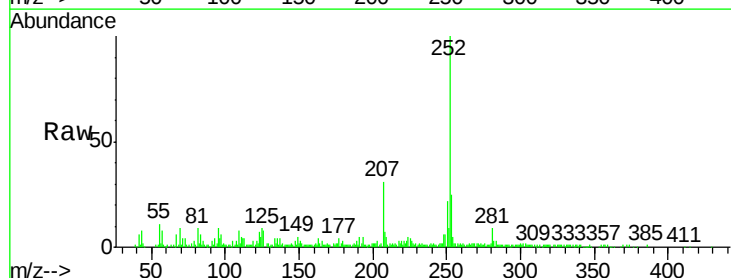
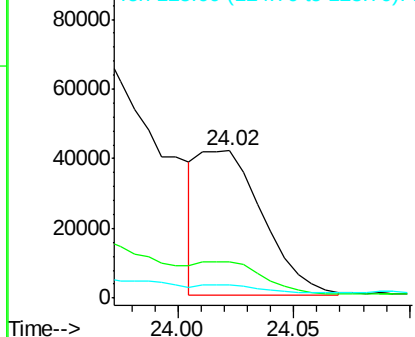
Delta R.T. 0.01 min

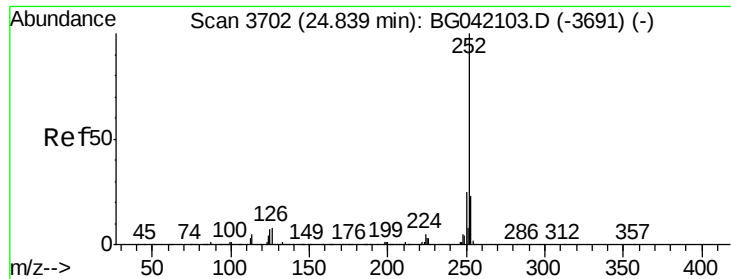
Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

Tgt Ion:	252	Resp:	78934
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.3	27.5
125	9.0	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





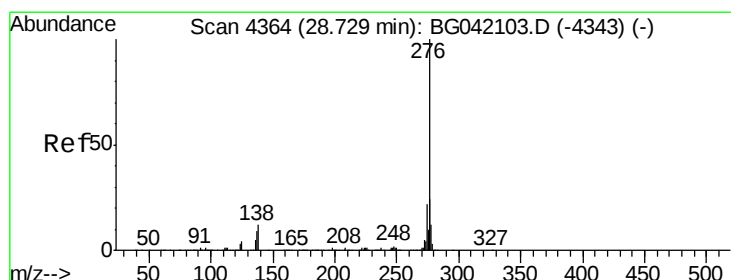
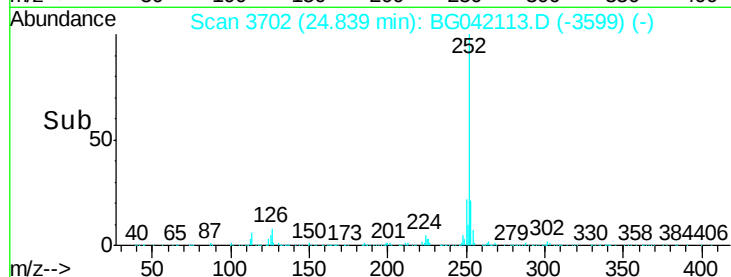
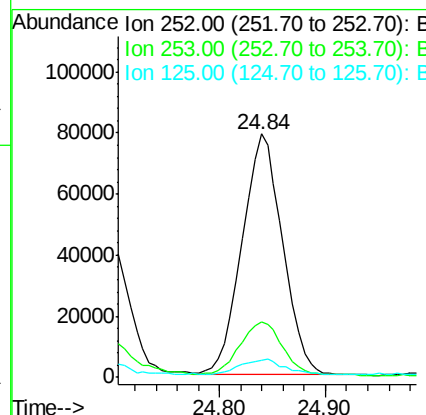
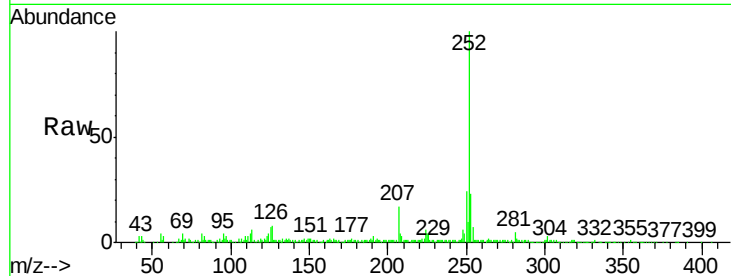
#90
Benzo(a)pyrene
Concen: 6.176 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG042113.D
Acq: 9 Aug 2019 22:05

Instrument :
BNA_G
ClientSampled :
BENW7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	6.9	6.5	9.7

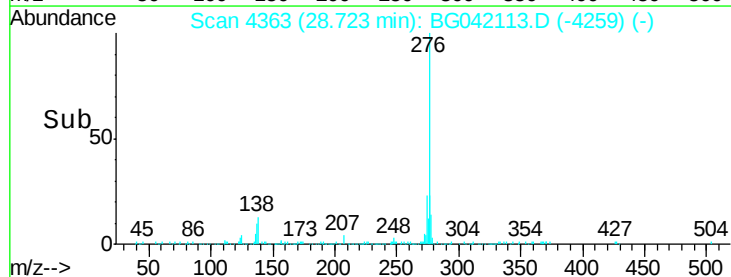
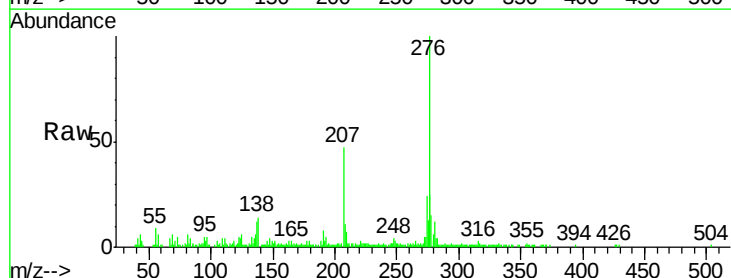
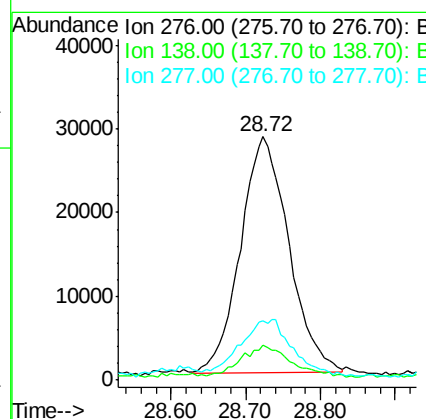
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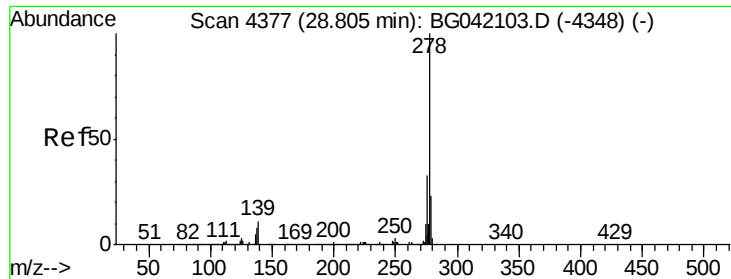
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.181 ng/ul
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042113.D
Acq: 9 Aug 2019 22:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.0	18.0
277	24.6	19.2	28.8





#92

Dibenzo(a,h)anthracene

Concen: 1.152 ng/ul m

RT: 28.76 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

Instrument :

BNA_G

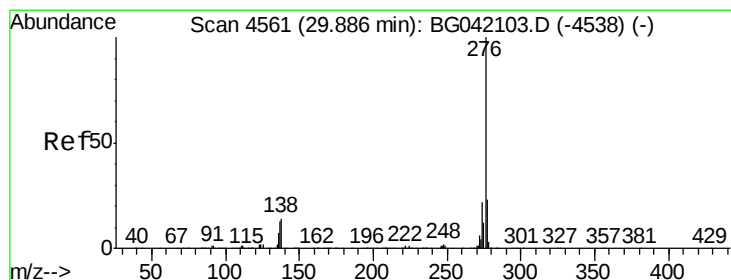
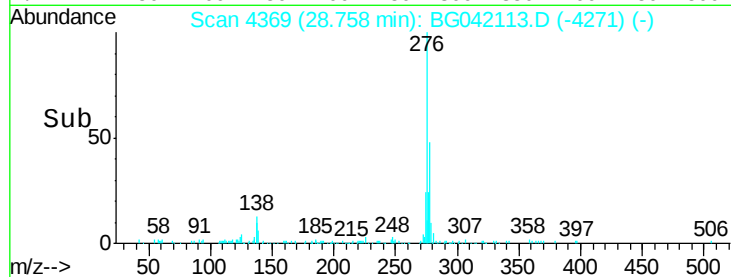
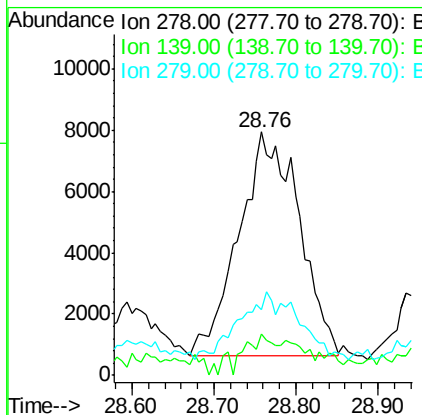
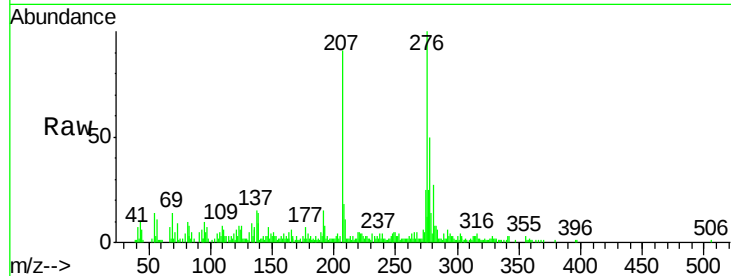
ClientSampled :

BENW7

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	9.4	14.0#
279	27.1	19.2	28.8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:19:20 AM



#93

Benzo(g,h,i)perylene

Concen: 3.885 ng/ul

RT: 29.89 min Scan# 4562

Delta R.T. 0.01 min

Lab File: BG042113.D

Acq: 9 Aug 2019 22:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	12.6	18.8#
277	24.2	19.2	28.8

