

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042036.D
 Acq On : 7 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4029-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW2

Manual Integrations
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mohammad
 8/9/2019 4:29:53 PM

Quant Time: Aug 08 02:33:18 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	8.03	152	72638	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	314982	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	221745	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	478230	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	468281	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	551284	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	7848	4.73	ng/uL	0.00
5) Phenol-d5	7.17	99	177578	31.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	99098	31.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	166006	34.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	155187	32.43	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	87169	36.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	105040	38.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	194375	34.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	207910	33.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	652802	37.96	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	719429	36.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	76323	26.43	ng/ul	0.00
57) Fluorene-d10	15.68	176	573649	37.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	93974	30.63	ng/ul	0.00
70) Anthracene-d10	17.54	188	873259	38.06	ng/ul	0.00
78) Pyrene-d10	19.82	212	949909	36.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1080069	37.50	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.20	94	13675	2.324	ng/ul 99
44) Dimethylphthalate	14.13	163	193829	11.351	ng/ul 97
69) Phenanthrene	17.48	178	60370	2.306	ng/ul 97
76) Fluoranthene	19.49	202	159473m	5.272	ng/ul
79) Pyrene	19.85	202	145753	4.627	ng/ul 96
82) Benzo(a)anthracene	21.70	228	80236	2.471	ng/ul 98
84) Chrysene	21.77	228	85845	2.833	ng/ul 98
87) Benzo(b)fluoranthene	23.95	252	122119	3.530	ng/ul 100
88) Benzo(k)fluoranthene	24.01	252	33276m	1.000	ng/ul
90) Benzo(a)pyrene	24.84	252	79125	2.400	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.70	276	55352m	1.440	ng/ul
93) Benzo(g,h,i)perylene	29.86	276	44132m	1.375	ng/ul

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

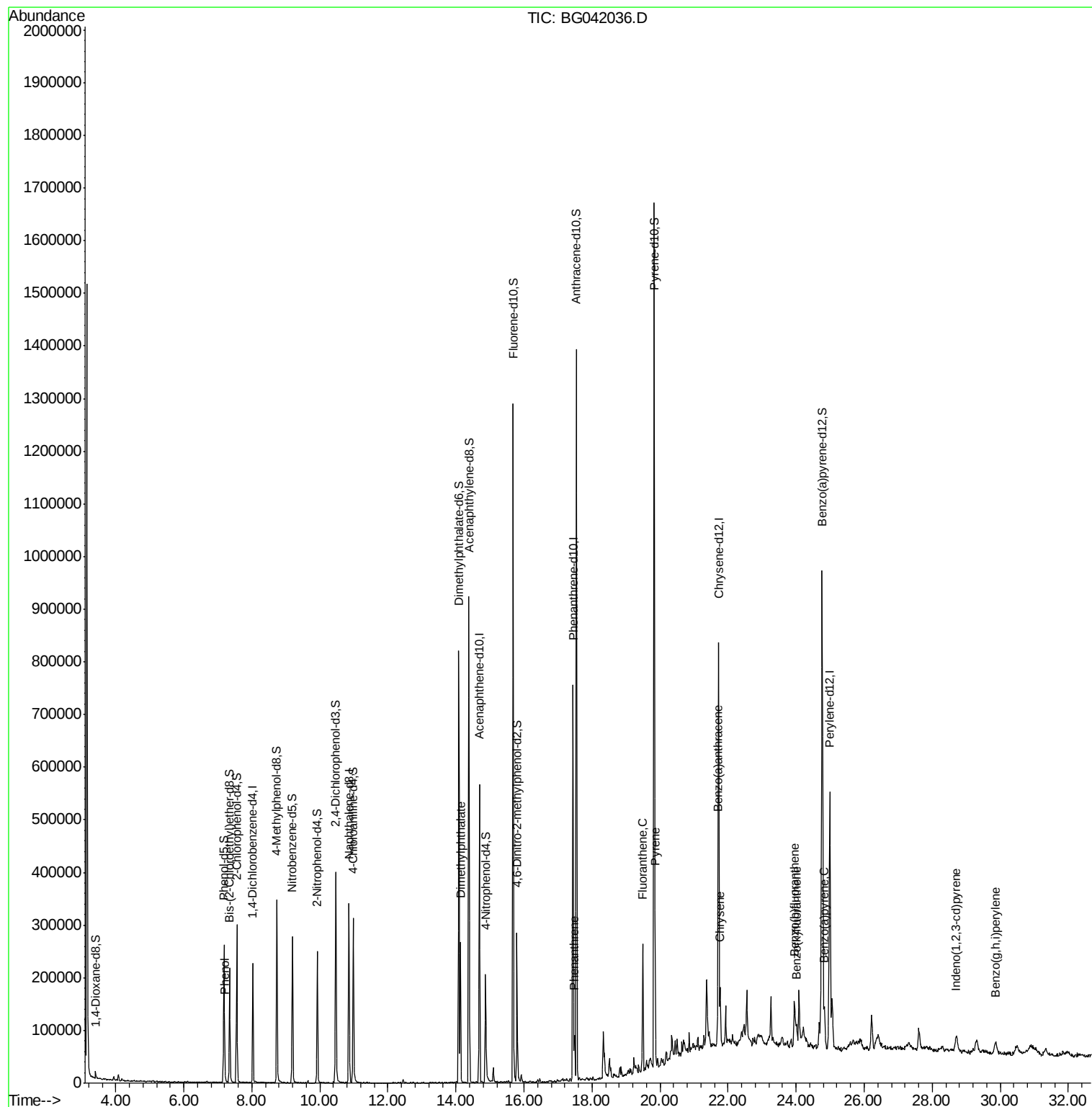
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042036.D
Acq On : 7 Aug 2019 18:13
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

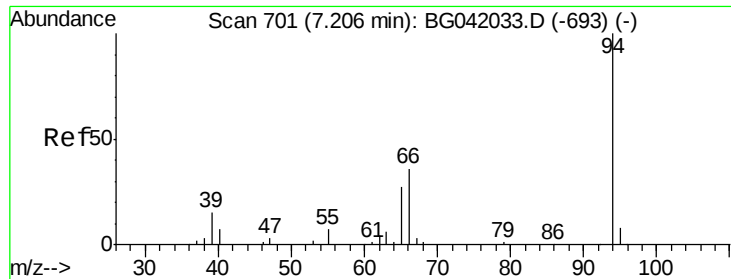
Instrument :
BNA_G
ClientSampleId :
BENW2

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Quant Time: Aug 08 02:33:18 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





#6

Phenol

Concen: 2.324 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG042036.D

Acq: 7 Aug 2019 18:13

Instrument :

BNA_G

ClientSampled :

BENW2

Tot Ion: 94 Resp: 13675

Ion Ratio Lower Upper

94 100

65 32.5 25.8 38.6

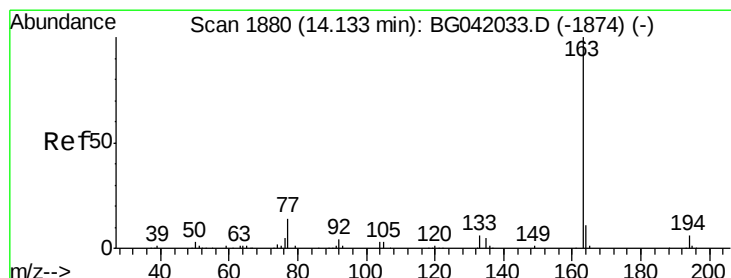
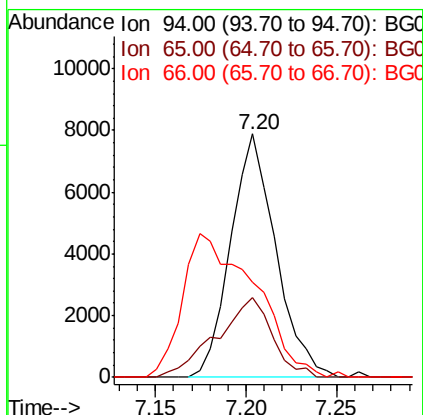
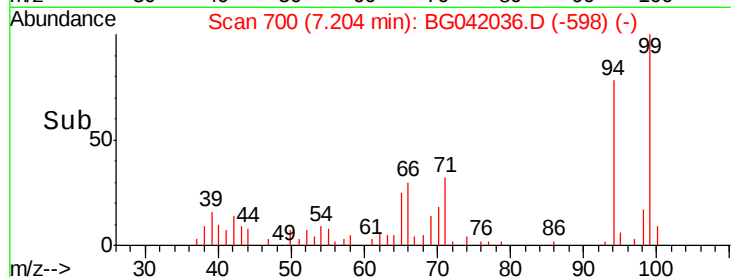
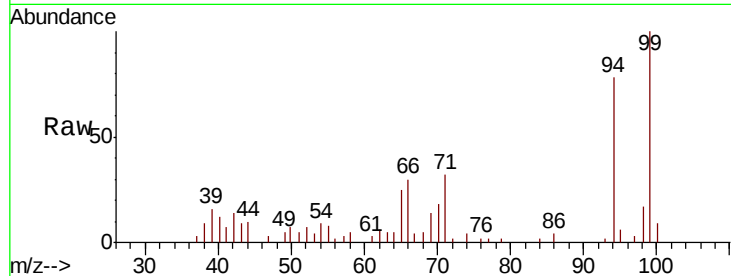
66 38.9 31.8 47.8

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#44

Dimethylphthalate

Concen: 11.351 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042036.D

Acq: 7 Aug 2019 18:13

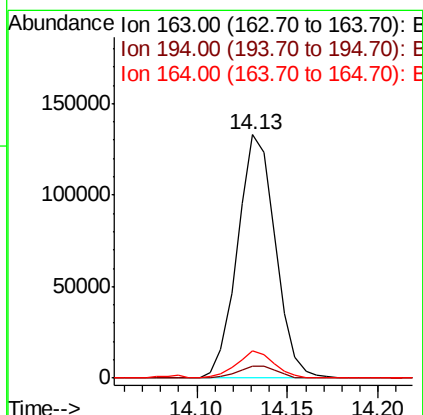
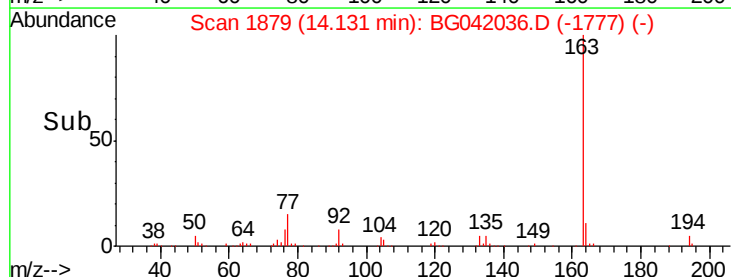
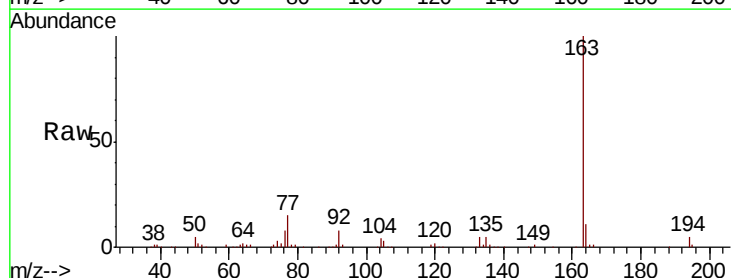
Tgt Ion: 163 Resp: 193829

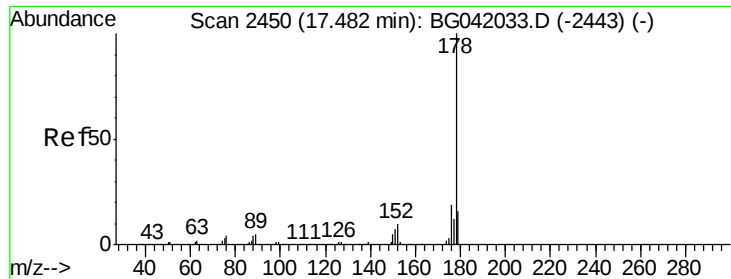
Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

164 11.1 7.8 11.8





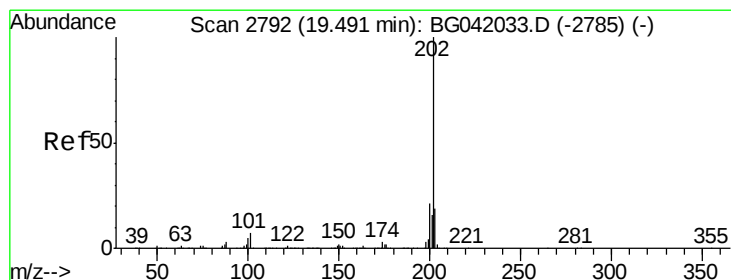
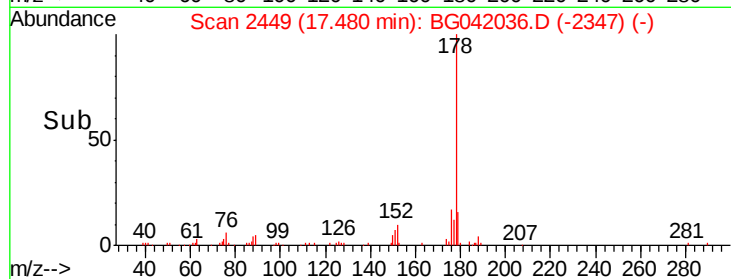
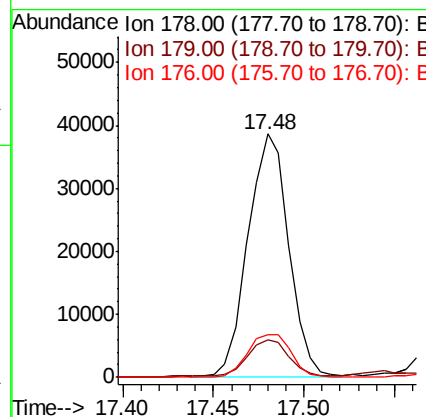
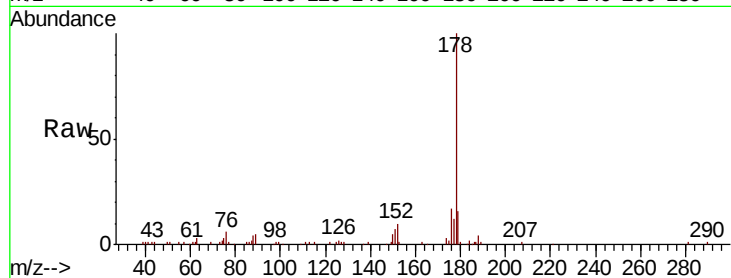
#69
Phenanthrene
Concen: 2.306 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	17.3	15.4	23.2

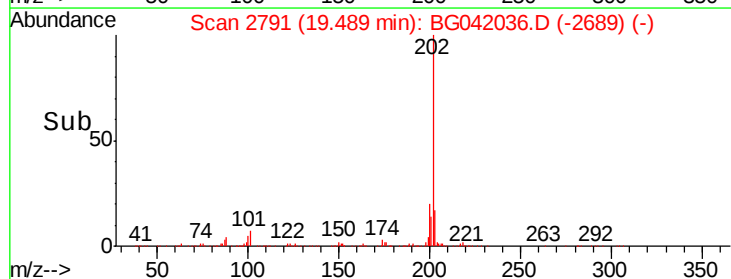
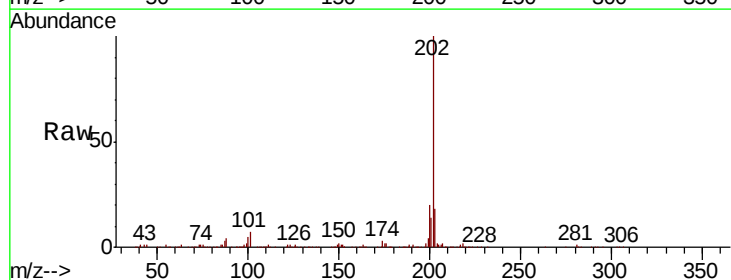
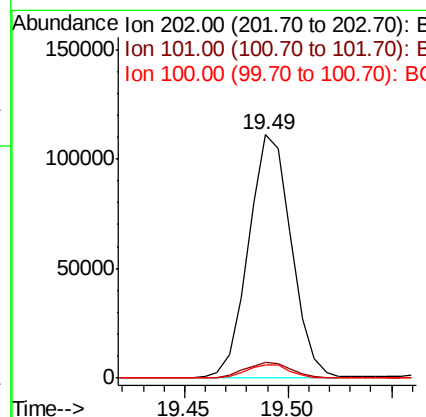
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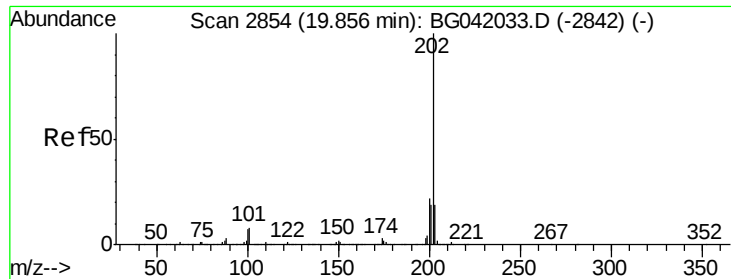
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#76
Fluoranthene
Concen: 5.272 ng/ul m
RT: 19.49 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

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





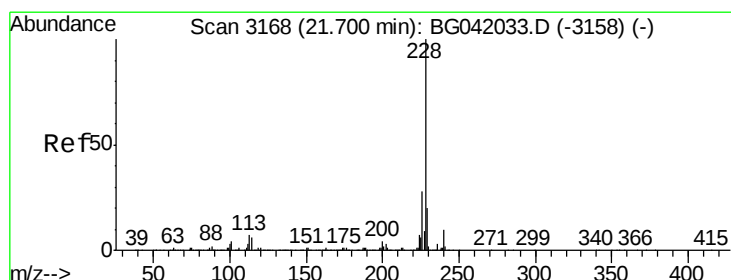
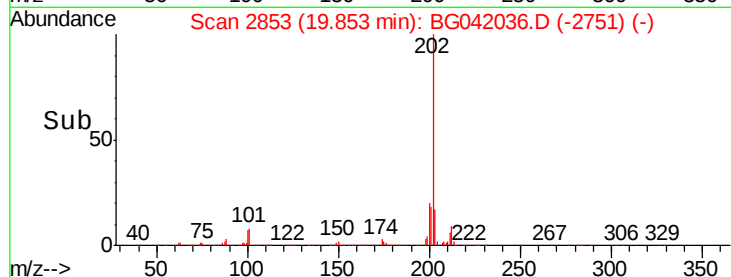
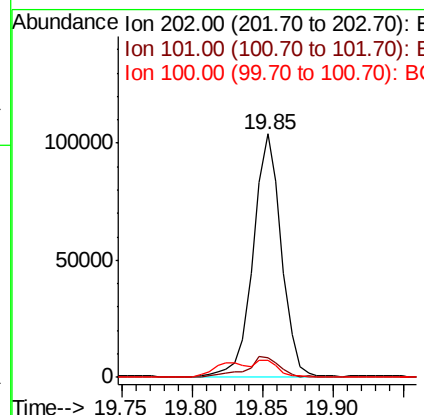
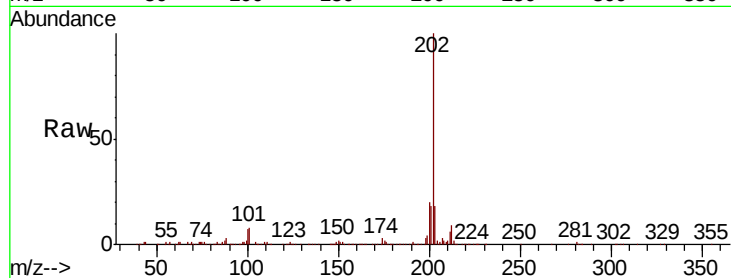
#79
Pvrene
Concen: 4.627 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	145753		
101	8.2	7.6	11.4	
100	6.7	6.5	9.7	

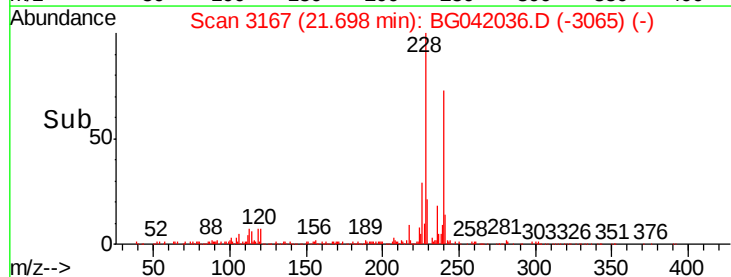
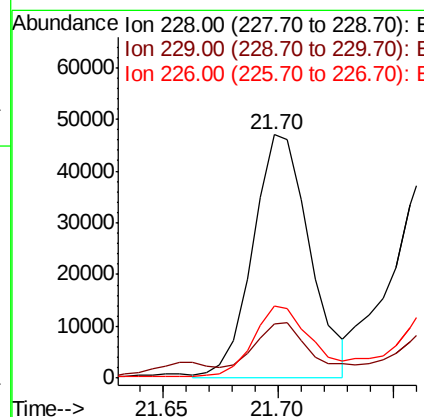
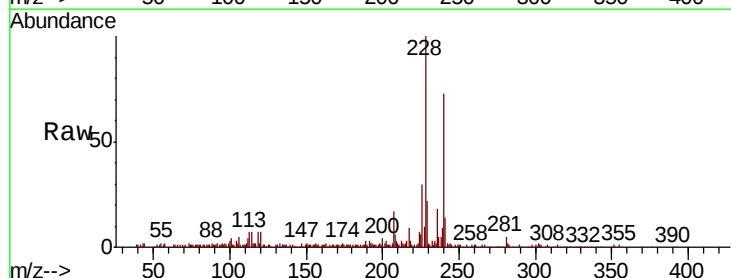
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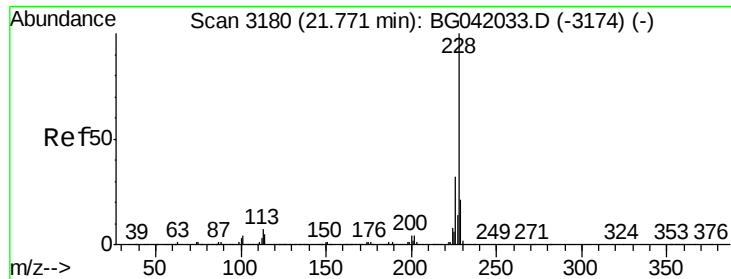
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#82
Benzo(a)anthracene
Concen: 2.471 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	80236		
229	22.5	17.0	25.6	
226	29.6	23.3	34.9	





#84

Chrysene

Concen: 2.833 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042036.D

Acq: 7 Aug 2019 18:13

Instrument :

BNA_G

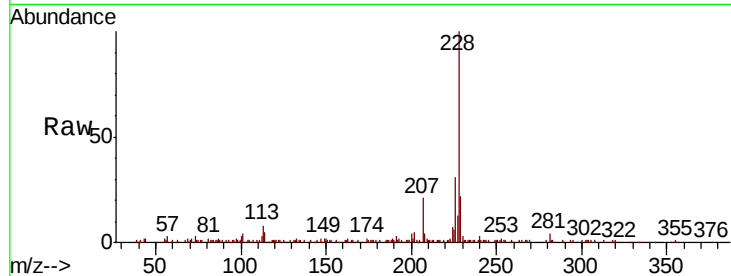
ClientSampleId :

BENW2

Tot Ion:	228	Resp:	85845
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.7	38.5
229	21.7	16.6	24.8

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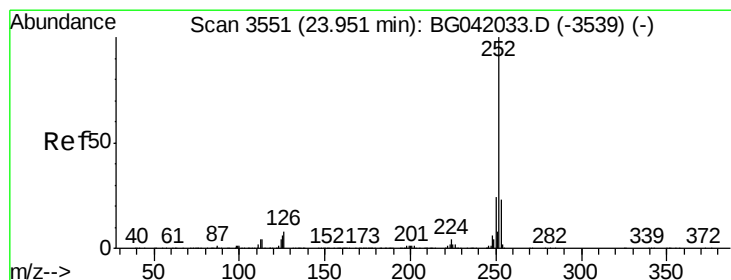
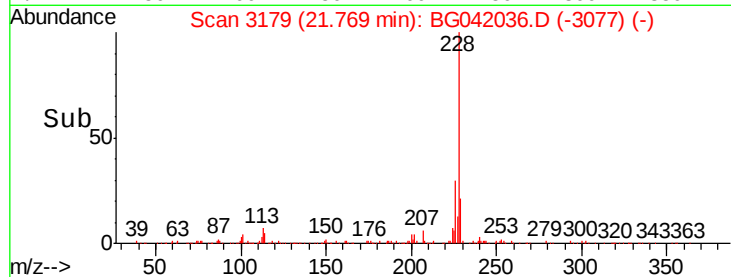
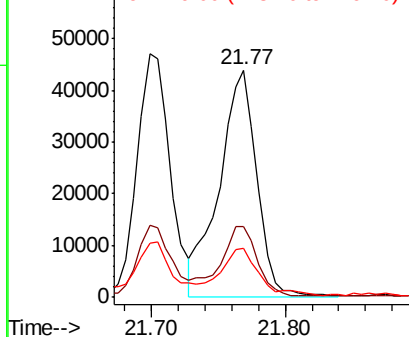


Abundance

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: 3.530 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG042036.D

Acq: 7 Aug 2019 18:13

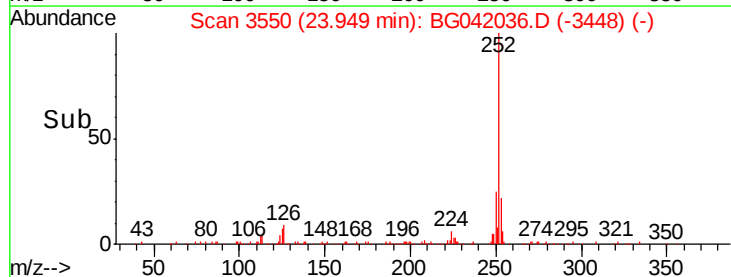
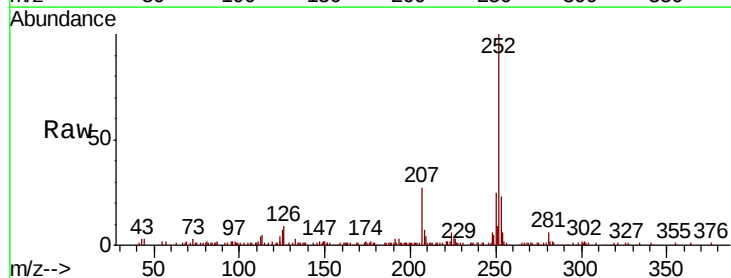
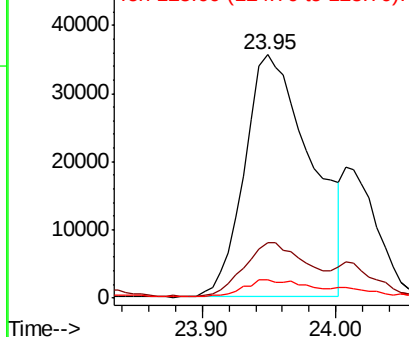
Tgt Ion:	252	Resp:	122119
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	7.3	5.8	8.8

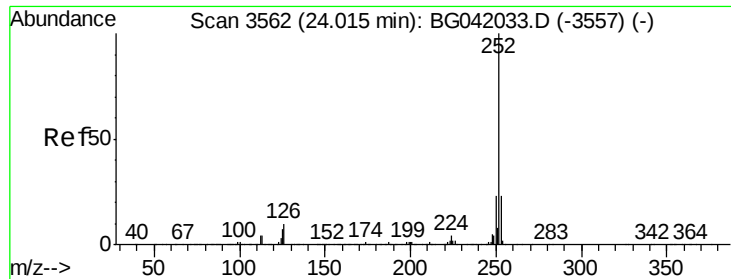
Abundance

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: 1.000 ng/ul

RT: 24.01 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BG042036.D

Acq: 7 Aug 2019 18:13

Instrument :

BNA_G

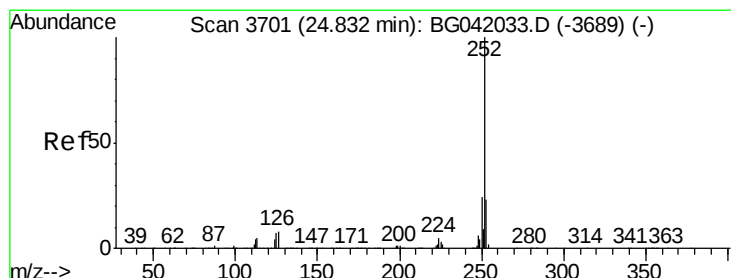
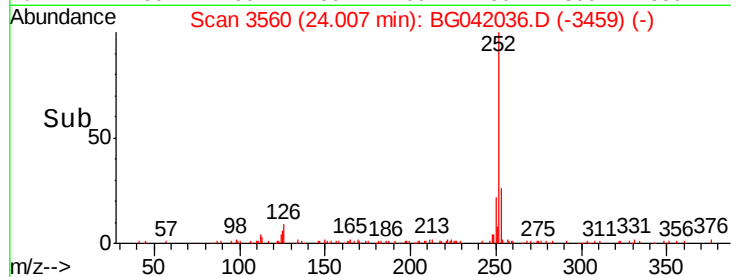
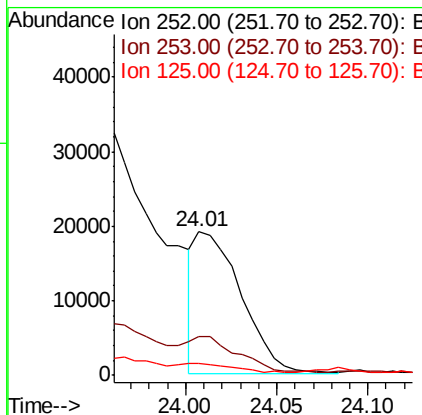
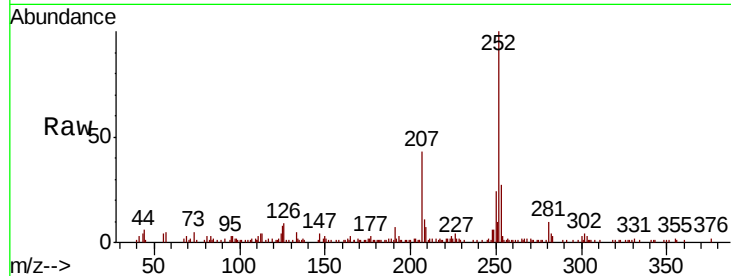
ClientSampleId :

BENW2

Tot Ion:	252	Resp:	33276
Ion Ratio	Lower	Upper	
252	100		
253	27.1	18.3	27.5
125	8.0	5.5	8.3

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#90

Benzo(a)pyrene

Concen: 2.400 ng/ul

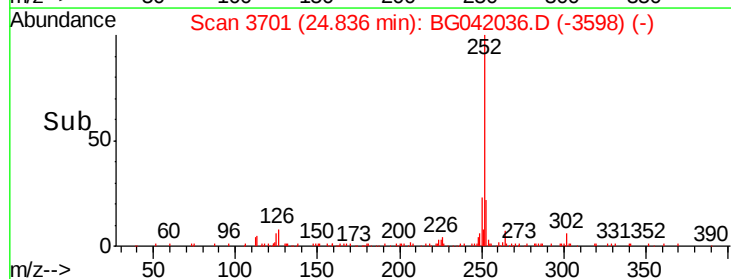
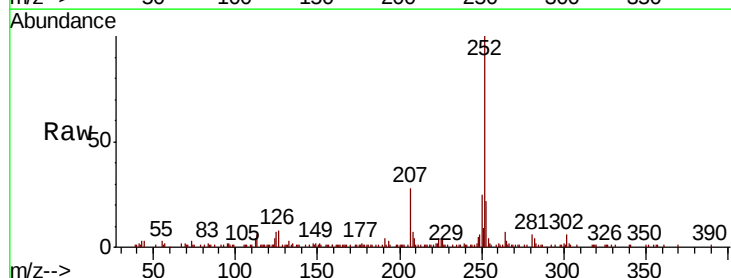
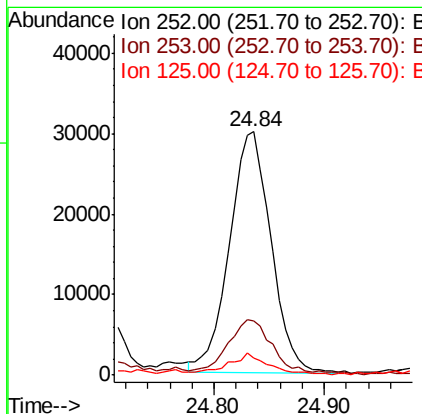
RT: 24.84 min Scan# 3701

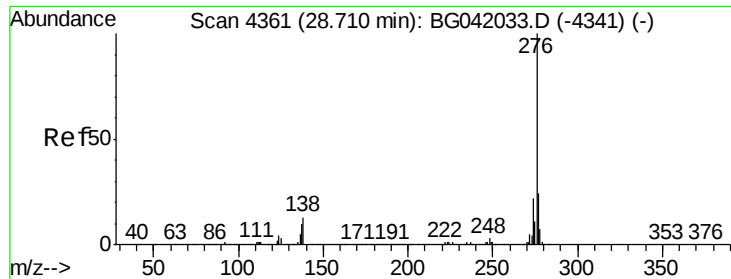
Delta R.T. 0.00 min

Lab File: BG042036.D

Acq: 7 Aug 2019 18:13

Tgt Ion:	252	Resp:	79125
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.3	27.5
125	7.1	6.5	9.7





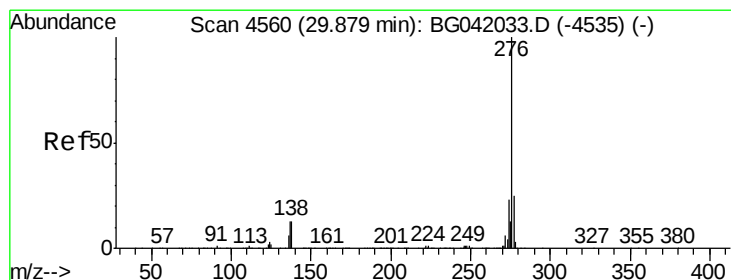
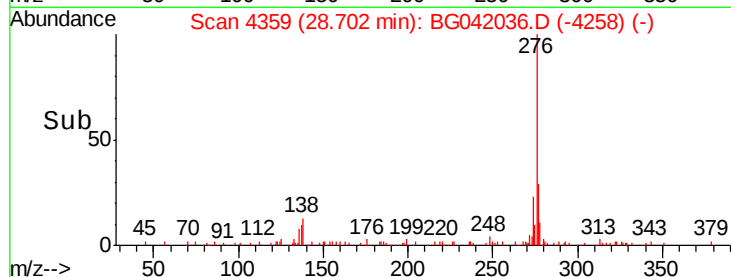
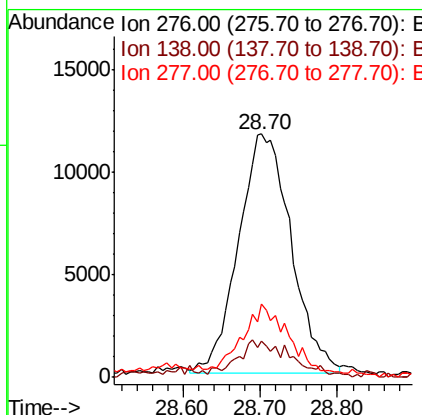
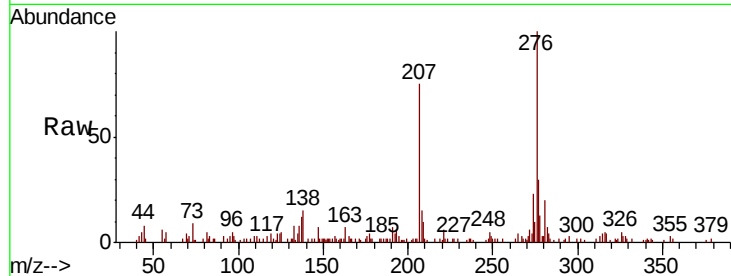
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.440 ng/ul m
 RT: 28.70 min Scan# 4359
 Delta R.T. -0.01 min
 Lab File: BG042036.D
 Acq: 7 Aug 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 BENW2

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.0	18.0
277	30.0	19.2	28.8

Manual Integrations
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#93
 Benzo(g,h,i)perylene
 Concen: 1.375 ng/ul m
 RT: 29.86 min Scan# 4556
 Delta R.T. -0.02 min
 Lab File: BG042036.D
 Acq: 7 Aug 2019 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.6	18.8
277	24.3	19.2	28.8

