

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042040.D
 Acq On : 7 Aug 2019 20:47
 Operator : HP/JU
 Sample : K4029-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENT8

Manual Integrations
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Quant Time: Aug 08 02:55:24 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	76813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	327971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	491523	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	483746	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	570949	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	6964	3.97	ng/uL	0.00
5) Phenol-d5	7.17	99	151481	25.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	86747	25.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	141087	27.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	123470	24.40	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	73508	29.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	92490	32.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	164338	28.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	165579	25.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	571843	31.54	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	606812	29.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	65279	21.44	ng/ul	0.00
57) Fluorene-d10	15.68	176	488436	30.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	80691	25.59	ng/ul	0.00
70) Anthracene-d10	17.54	188	744703	31.58	ng/ul	0.00
78) Pyrene-d10	19.82	212	819890	30.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	932554	31.27	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	7.20	94	15297	2.458	ng/ul#	93
44) Dimethylphthalate	14.13	163	218031	12.111	ng/ul	99
69) Phenanthrene	17.48	178	38865	1.444	ng/ul	98
76) Fluoranthene	19.49	202	109069	3.508	ng/ul	96
79) Pyrene	19.85	202	103508	3.181	ng/ul	97
82) Benzo(a)anthracene	21.70	228	68360	2.038	ng/ul	97
84) Chrysene	21.77	228	70473	2.251	ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	86989	2.428	ng/ul#	98
88) Benzo(k)fluoranthene	24.01	252	37408m	1.086	ng/ul	
90) Benzo(a)pyrene	24.83	252	63367	1.856	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.70	276	40502	1.017	ng/ul	97
93) Benzo(g,h,i)perylene	29.87	276	33491m	1.007	ng/ul	

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

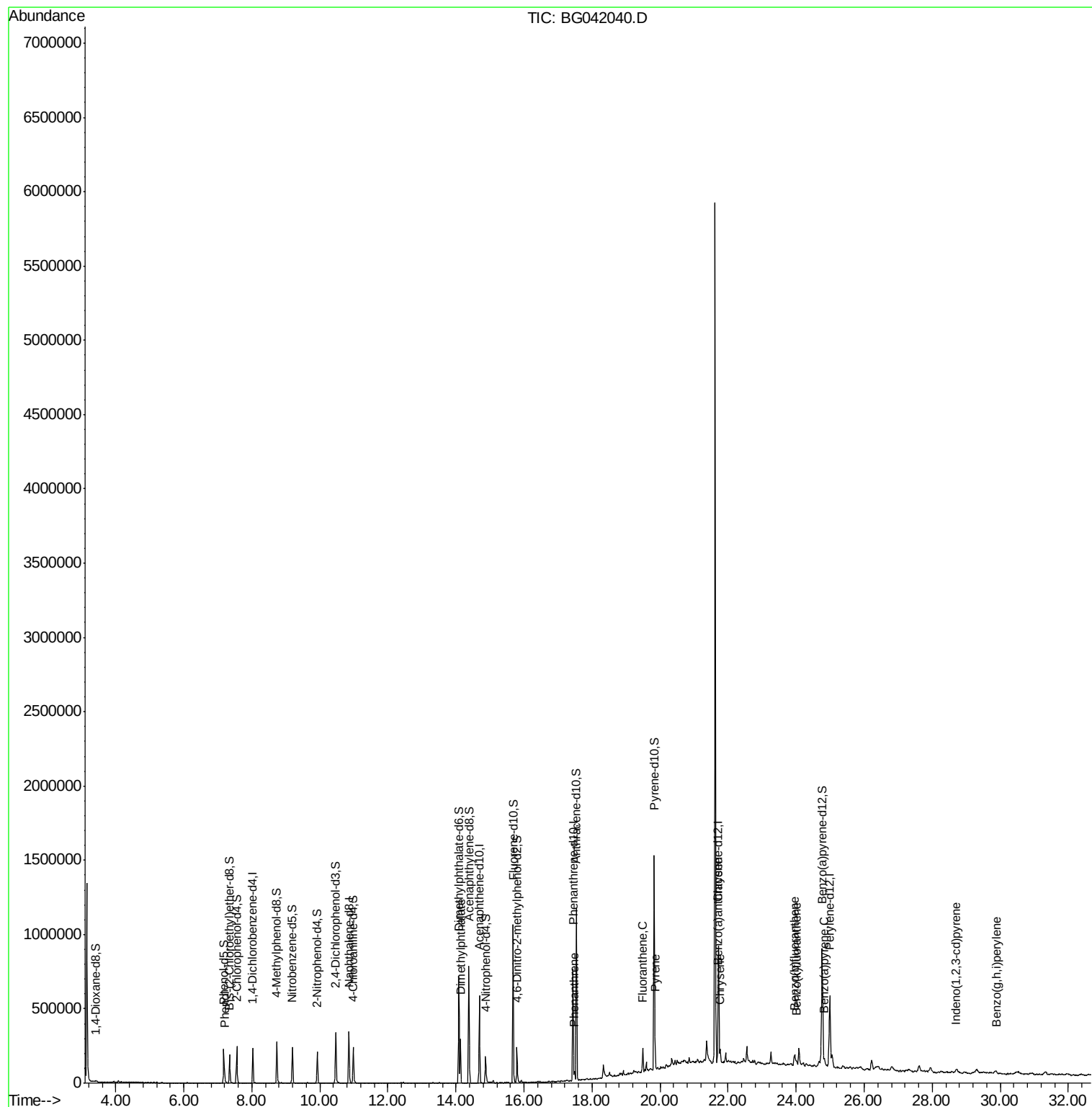
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042040.D
Acq On : 7 Aug 2019 20:47
Operator : HP/JU
Sample : K4029-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

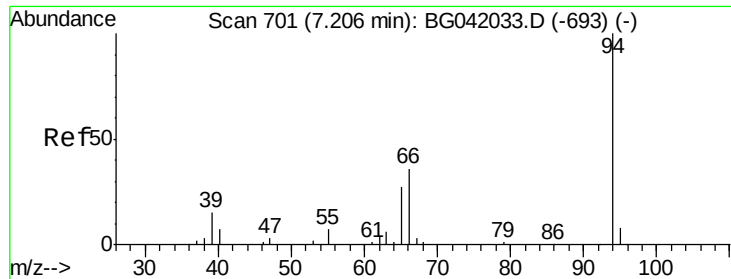
Instrument :
BNA_G
ClientSampleId :
BENT8

Quant Time: Aug 08 02:55:24 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: 2.458 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG042040.D

Acq: 7 Aug 2019 20:47

Instrument :

BNA_G

ClientSampled :

BENT8

Tot Ion: 94 Resp: 15297

Ion Ratio Lower Upper

94 100

65 25.3 25.8 38.6#

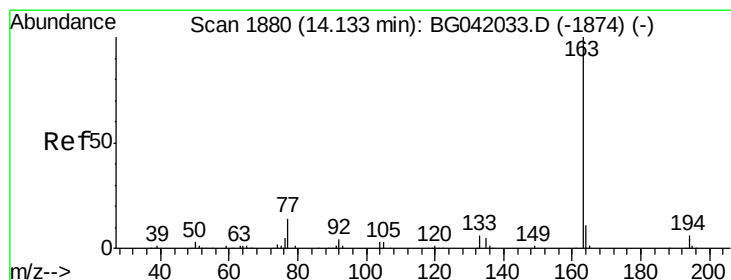
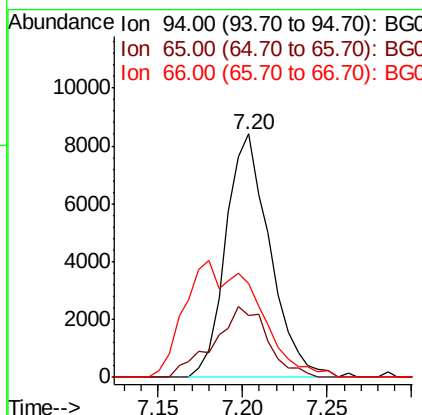
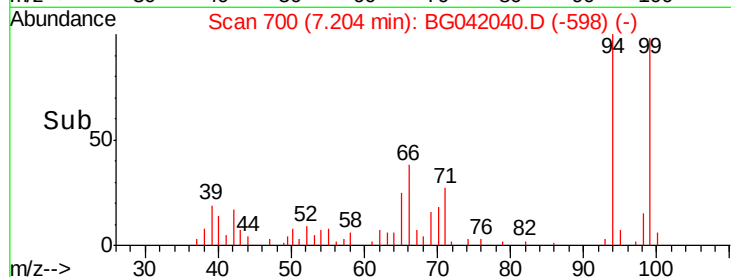
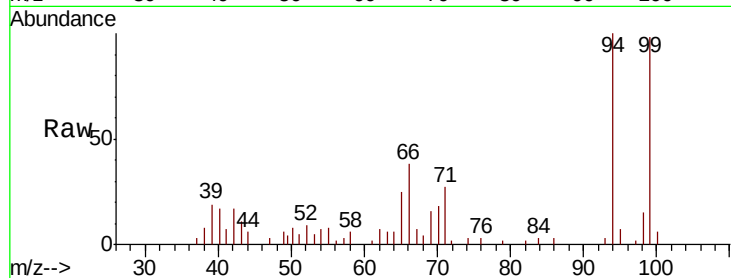
66 38.3 31.8 47.8

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#44

Dimethylphthalate

Concen: 12.111 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042040.D

Acq: 7 Aug 2019 20:47

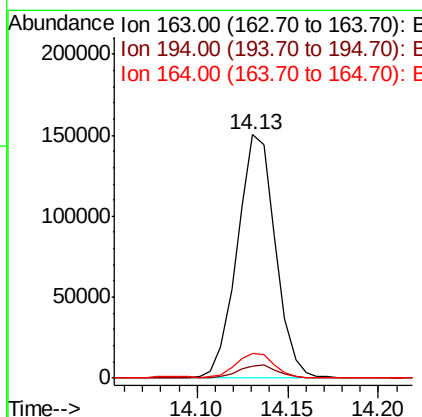
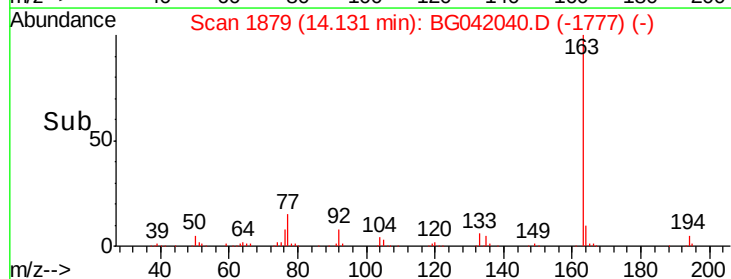
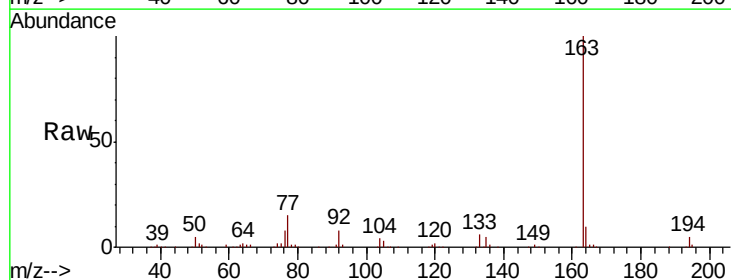
Tgt Ion: 163 Resp: 218031

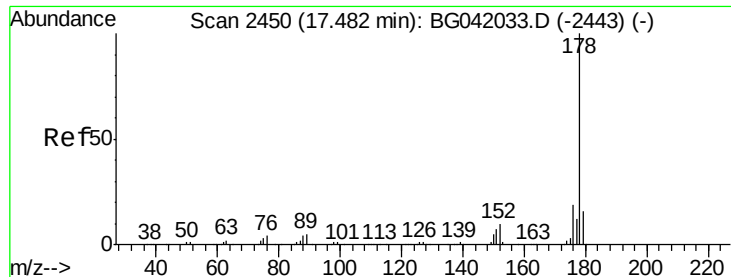
Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

164 10.3 7.8 11.8





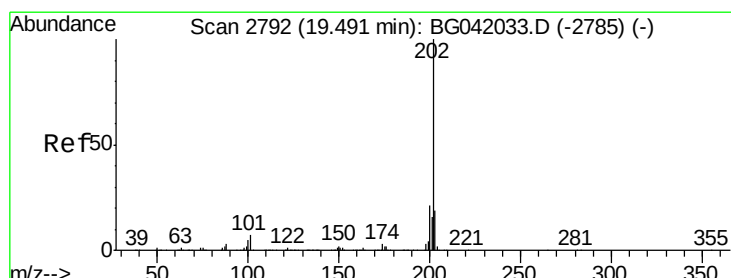
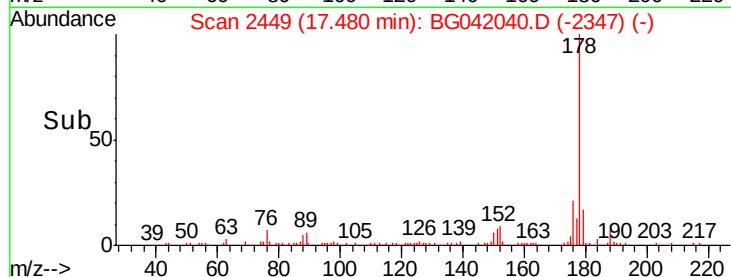
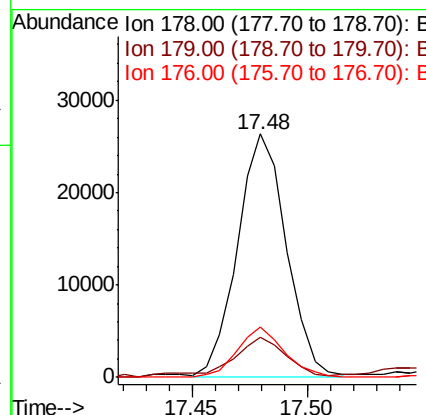
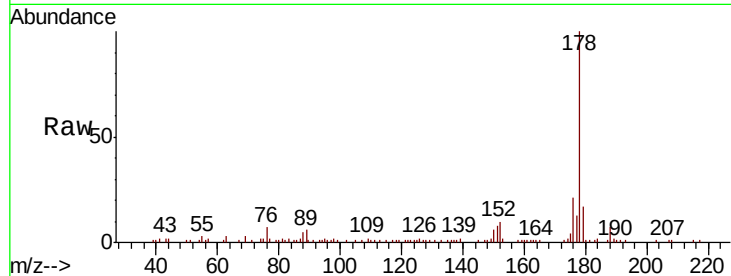
#69
 Phenanthrene
 Concen: 1.444 ng/ul
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG042040.D
 Acq: 7 Aug 2019 20:47

Instrument :
 BNA_G
 ClientSampleId :
 BENT8

Tot Ion:	178	Resp:	38865
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.8	19.2
176	20.7	15.4	23.2

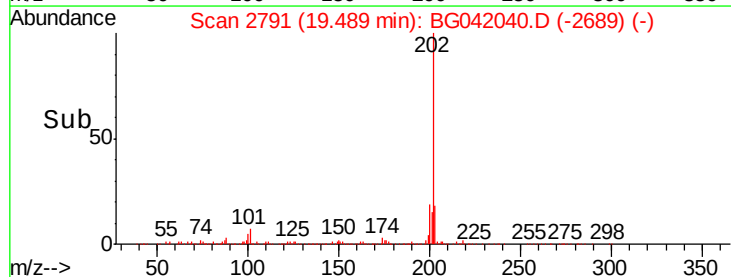
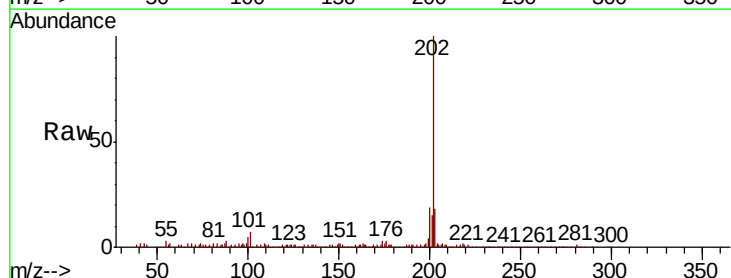
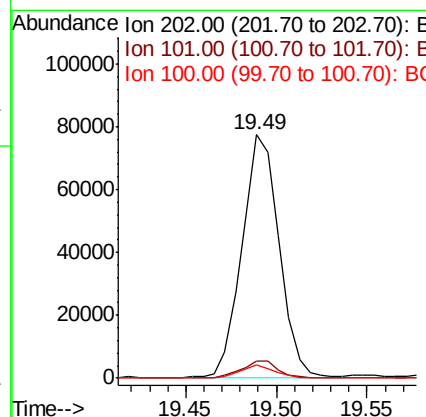
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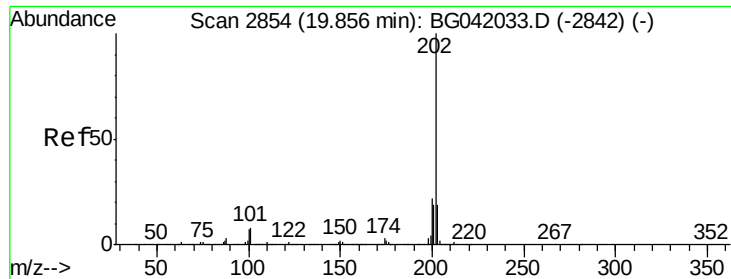
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#76
 Fluoranthene
 Concen: 3.508 ng/ul
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BG042040.D
 Acq: 7 Aug 2019 20:47

Tgt Ion:	202	Resp:	109069
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.7	10.1
100	5.4	5.3	7.9





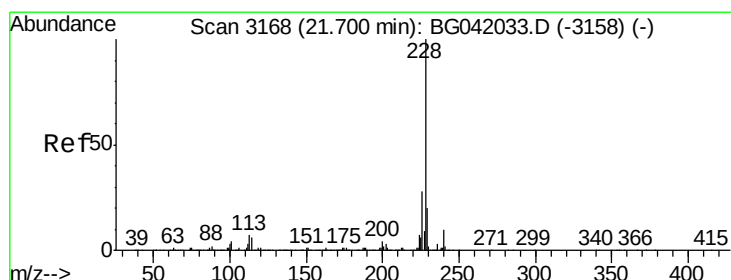
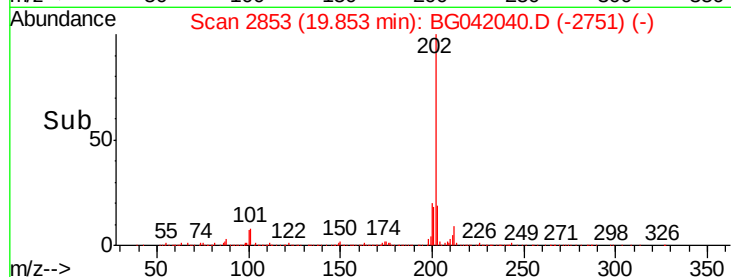
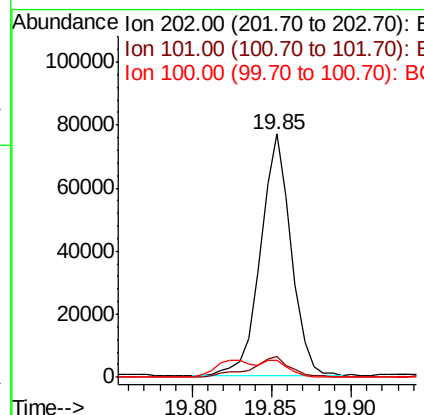
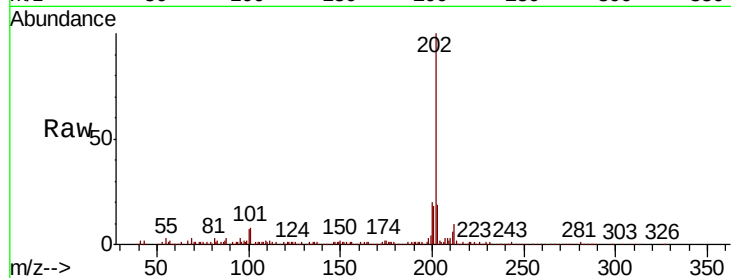
#79
Pvrene
Concen: 3.181 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042040.D
Acq: 7 Aug 2019 20:47

Instrument :
BNA_G
ClientSampled :
BENT8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	7.6	11.4
100	6.9	6.5	9.7

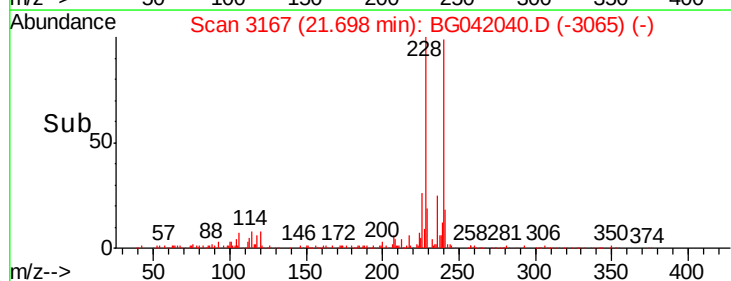
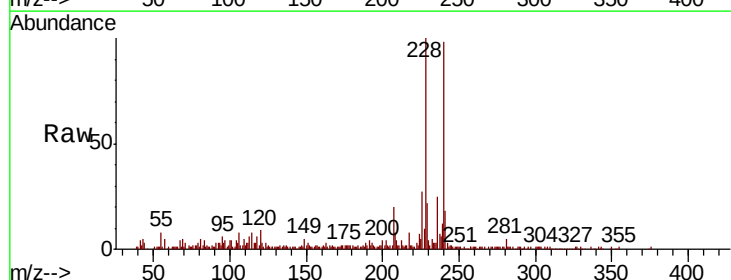
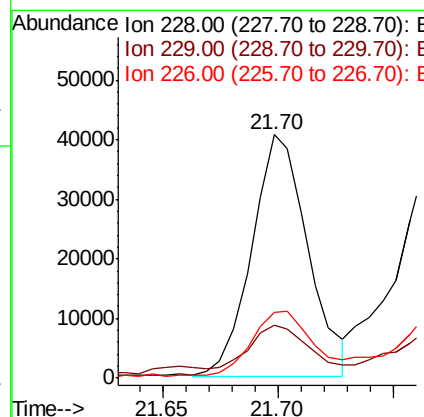
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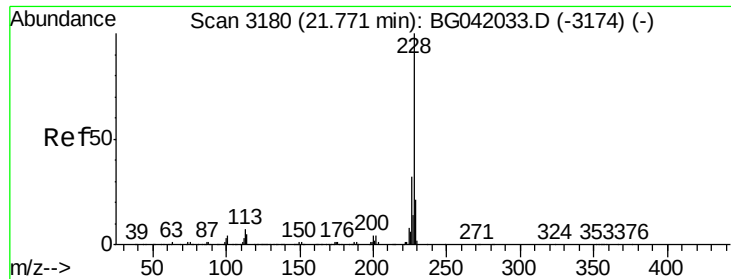
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#82
Benzo(a)anthracene
Concen: 2.038 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042040.D
Acq: 7 Aug 2019 20:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.7	17.0	25.6
226	26.8	23.3	34.9





#84

Chrysene

Concen: 2.251 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042040.D

Acq: 7 Aug 2019 20:47

Instrument :

BNA_G

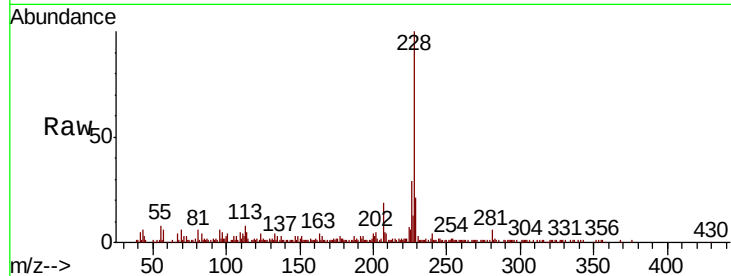
ClientSampled :

BENT8

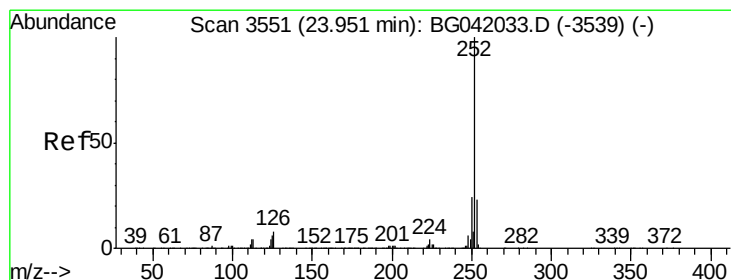
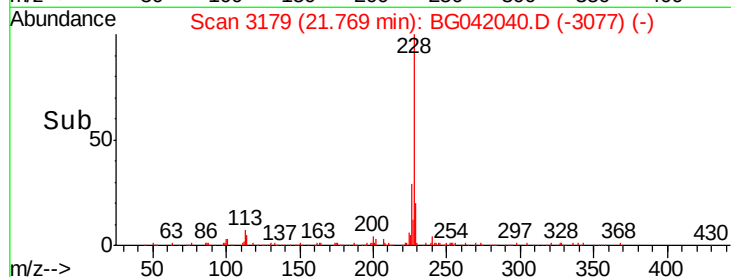
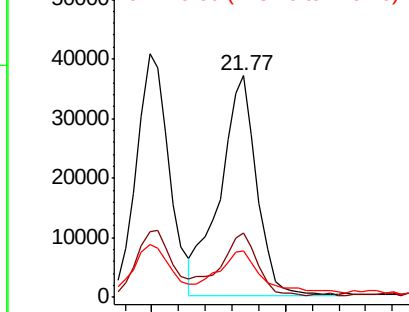
Tot Ion:	228	Resp:	70473
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.7	38.5
229	21.2	16.6	24.8

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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: 2.428 ng/ul

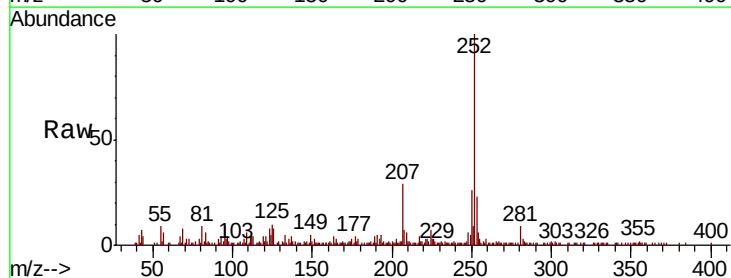
RT: 23.95 min Scan# 3550

Delta R.T. -0.00 min

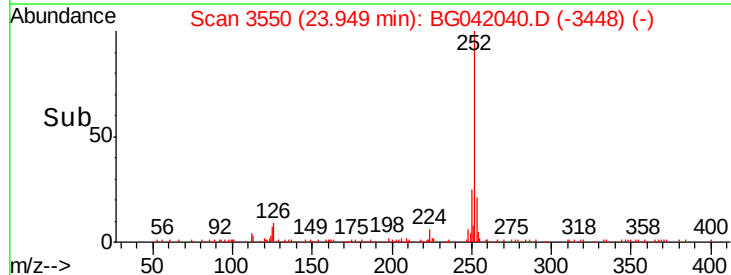
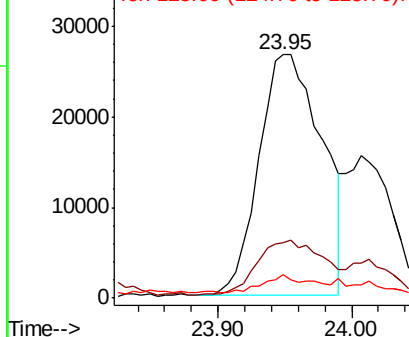
Lab File: BG042040.D

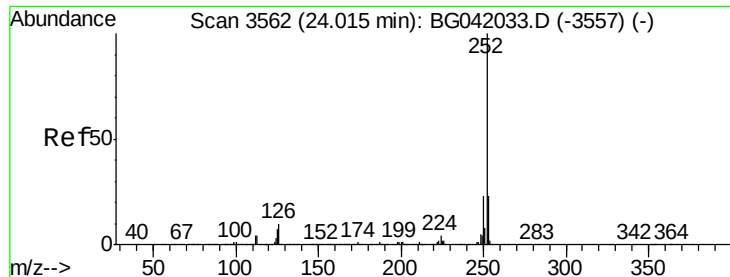
Acq: 7 Aug 2019 20:47

Tgt Ion:	252	Resp:	86989
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	9.6	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: 1.086 ng/ul m

RT: 24.01 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BG042040.D

Acq: 7 Aug 2019 20:47

Instrument :

BNA_G

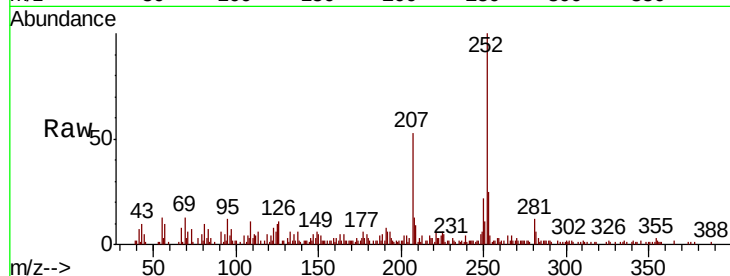
ClientSampled :

BENT8

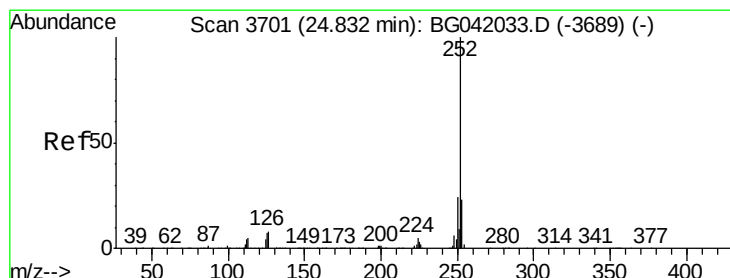
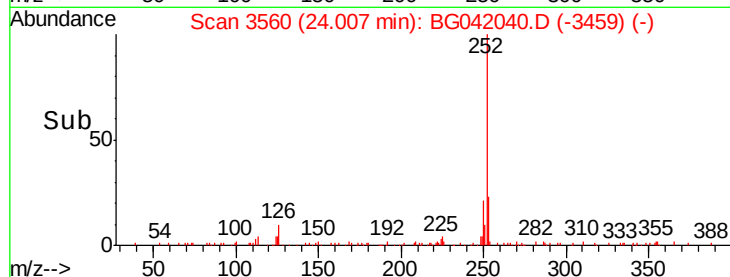
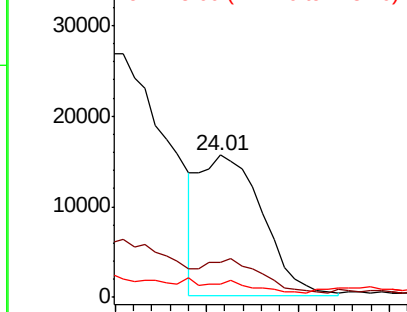
Tot Ion:	252	Resp:	37408
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.3	27.5
125	9.5	5.5	8.3#

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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



#90

Benzo(a)pyrene

Concen: 1.856 ng/ul

RT: 24.83 min Scan# 3700

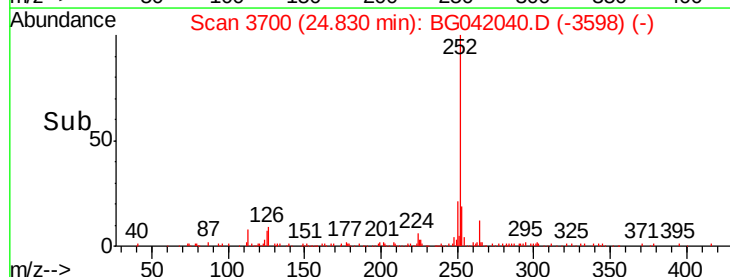
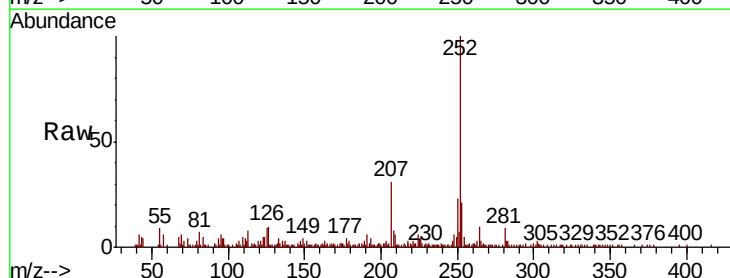
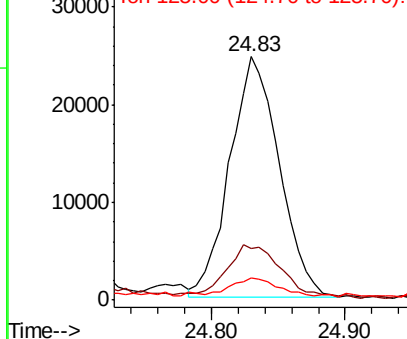
Delta R.T. -0.00 min

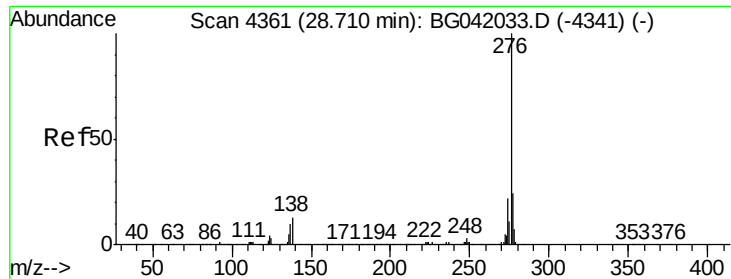
Lab File: BG042040.D

Acq: 7 Aug 2019 20:47

Tgt Ion:	252	Resp:	63367
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.3	27.5
125	8.9	6.5	9.7

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





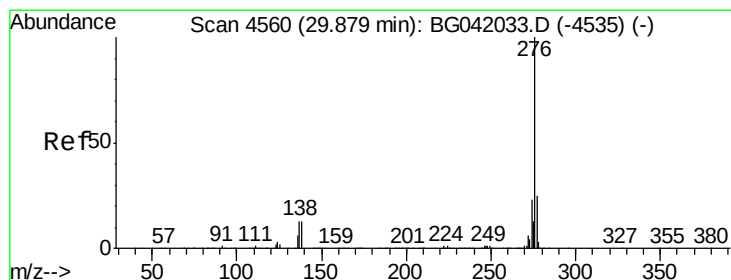
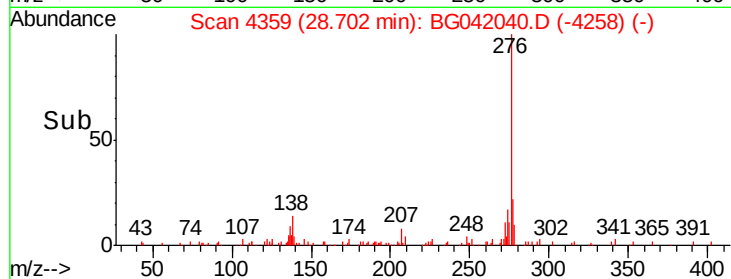
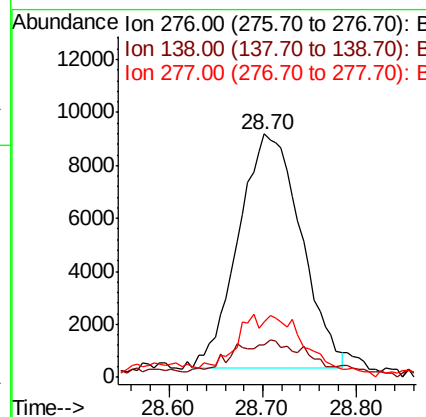
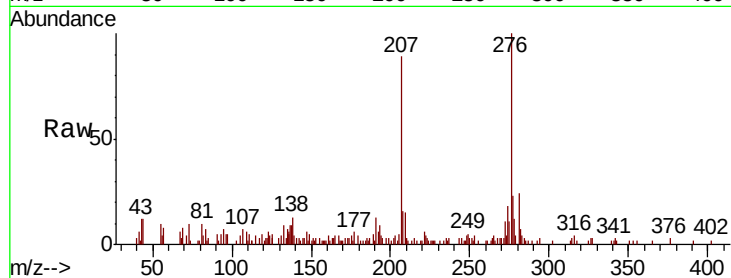
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.017 ng/ul
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042040.D
Acq: 7 Aug 2019 20:47

Instrument :
BNA_G
ClientSampleId :
BENT8

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	12.0	18.0
277	23.0	19.2	28.8

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#93
Benzo(g,h,i)perylene
Concen: 1.007 ng/ul m
RT: 29.87 min Scan# 4558
Delta R.T. -0.01 min
Lab File: BG042040.D
Acq: 7 Aug 2019 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.6	18.8
277	23.1	19.2	28.8

