

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042041.D
 Acq On : 7 Aug 2019 21:26
 Operator : HP/JU
 Sample : K4029-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENY4

Manual Integrations
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Quant Time: Aug 08 03:05:01 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	82230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	341530	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	242085	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	508391	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	494465	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	580695	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5903	3.14	ng/uL	0.00
5) Phenol-d5	7.18	99	124574	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	70571	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	120356	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	91966	16.97	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	60984	23.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	76132	25.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	136264	22.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	100937	15.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	435757	23.21	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	495720	23.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	41321	13.11	ng/ul	0.00
57) Fluorene-d10	15.68	176	388684	23.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	52141	15.99	ng/ul	0.00
70) Anthracene-d10	17.54	188	589701	24.18	ng/ul	0.00
78) Pyrene-d10	19.83	212	636691	23.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	706698	23.30	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.20	94	13257	1.990 ng/ul	92
44) Dimethylphthalate	14.13	163	206334	11.068 ng/ul	98
69) Phenanthrene	17.48	178	38334	1.377 ng/ul	96
76) Fluoranthene	19.49	202	115180	3.582 ng/ul	98
79) Pyrene	19.85	202	100933	3.035 ng/ul	97
82) Benzo(a)anthracene	21.70	228	55842	1.629 ng/ul	96
84) Chrysene	21.77	228	68358	2.136 ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	101223	2.778 ng/ul	99
90) Benzo(a)pyrene	24.83	252	62886	1.811 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.71	276	50245	1.241 ng/ul	97
93) Benzo(g,h,i)perylene	29.87	276	40783m	1.206 ng/ul	

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

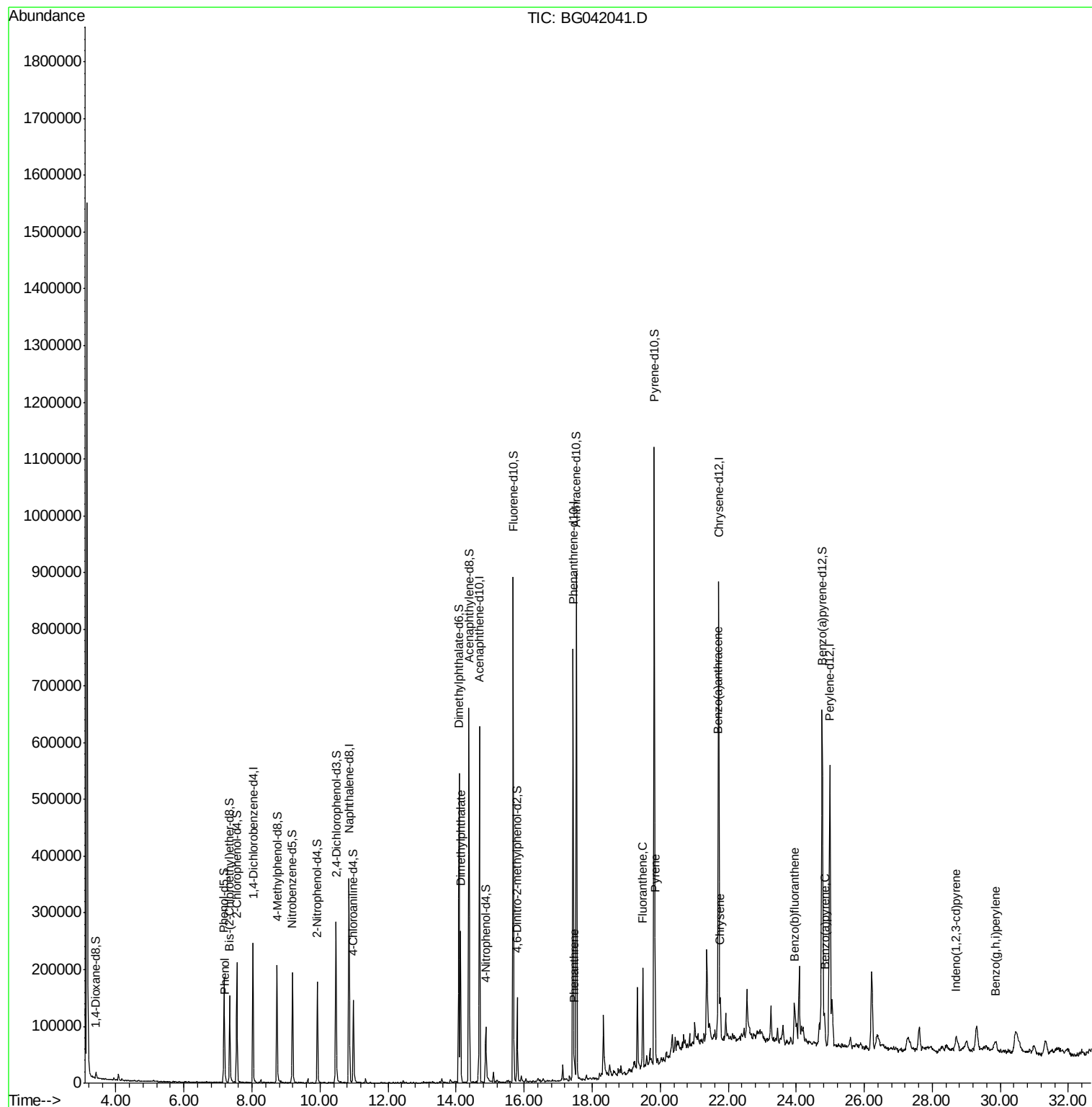
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042041.D
Acq On : 7 Aug 2019 21:26
Operator : HP/JU
Sample : K4029-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

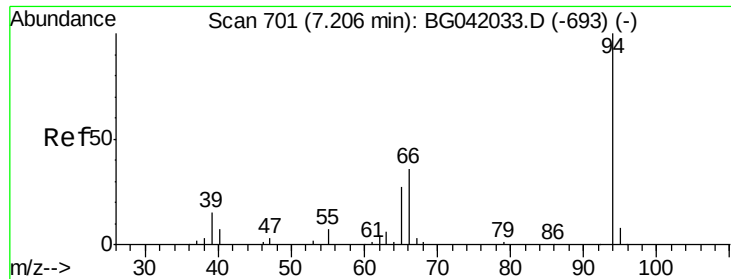
Instrument :
BNA_G
ClientSampleId :
BENY4

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Quant Time: Aug 08 03:05:01 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration





#6

Phenol

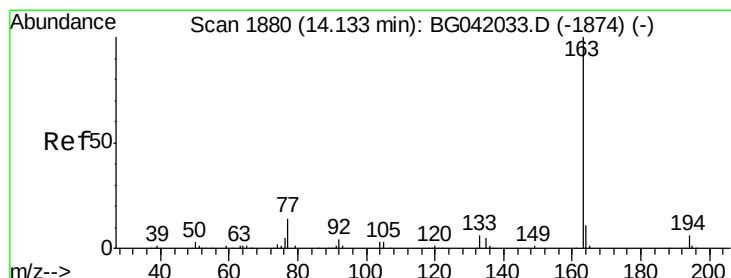
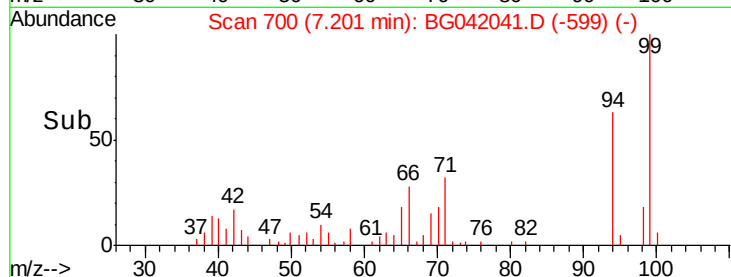
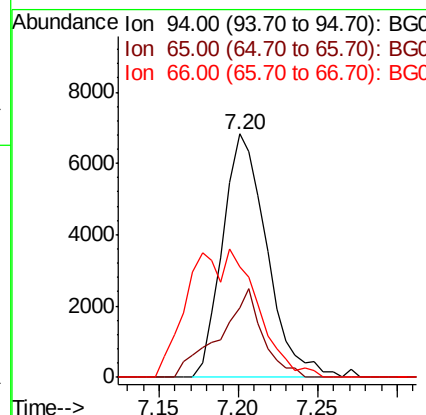
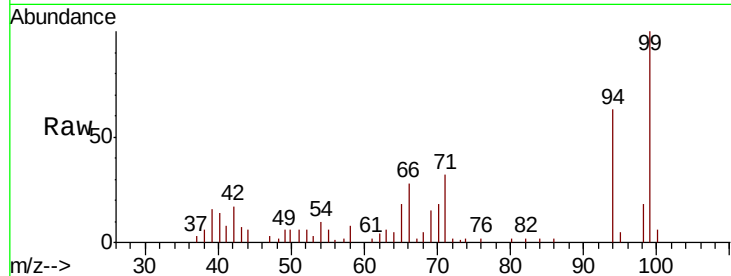
Concen: 1.990 ng/ul
 RT: 7.20 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BG042041.D
 Acq: 7 Aug 2019 21:26

Instrument :
 BNA_G
 ClientSampleId :
 BENY4

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.4	25.8	38.6
66	45.2	31.8	47.8

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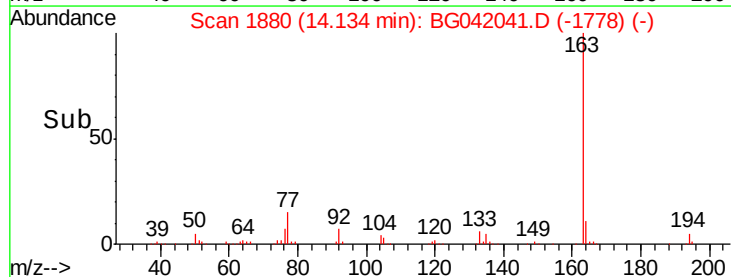
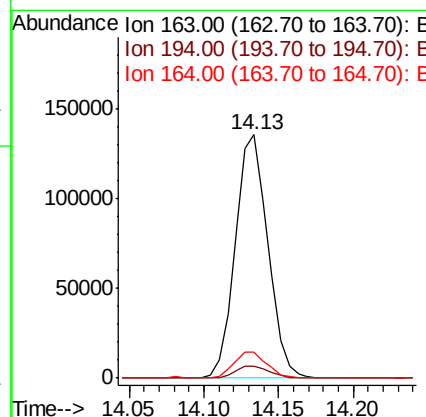
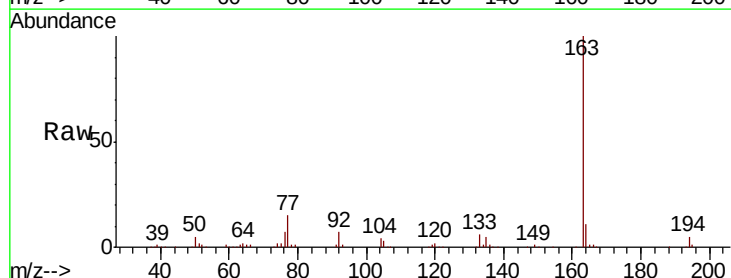


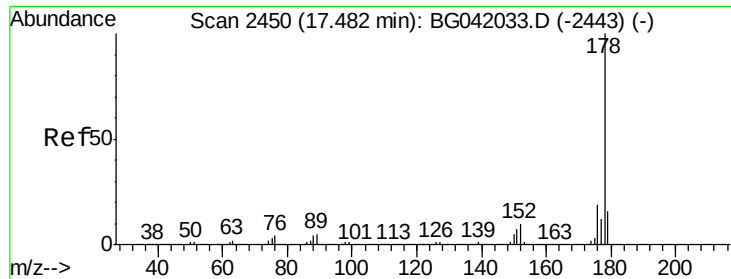
#44

Dimethylphthalate

Concen: 11.068 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG042041.D
 Acq: 7 Aug 2019 21:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.7	7.8	11.8





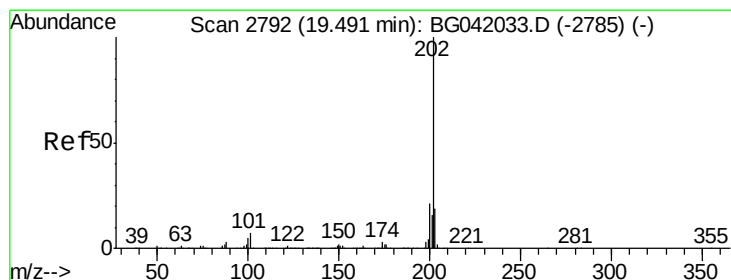
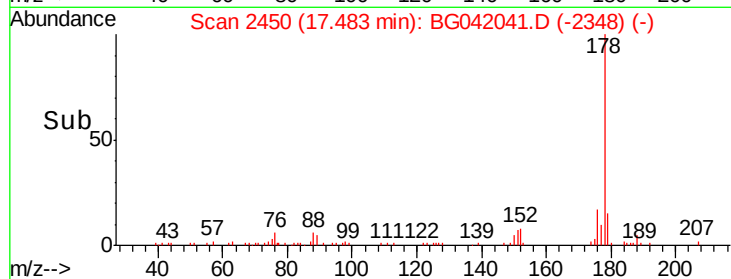
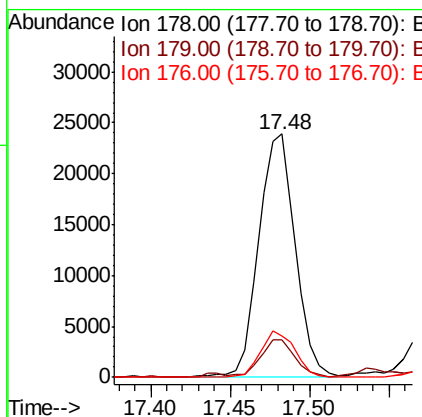
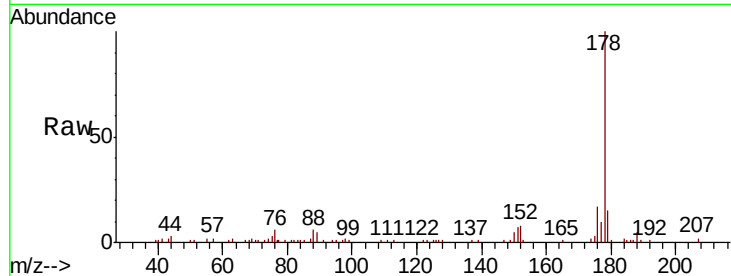
#69
 Phenanthrene
 Concen: 1.377 ng/ul
 RT: 17.48 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG042041.D
 Acq: 7 Aug 2019 21:26

Instrument :
 BNA_G
 ClientSampleId :
 BENY4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	17.1	15.4	23.2

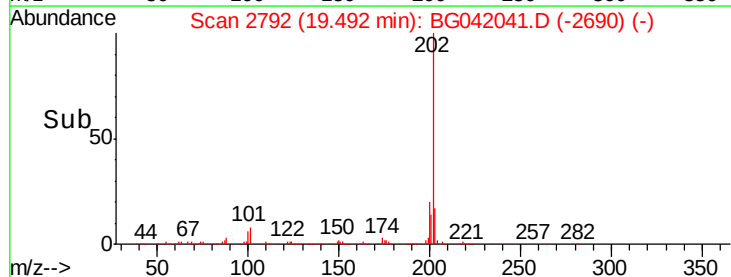
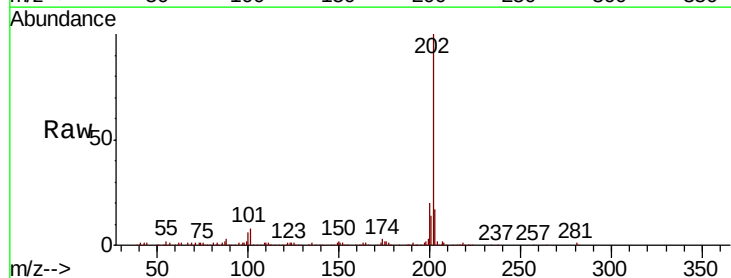
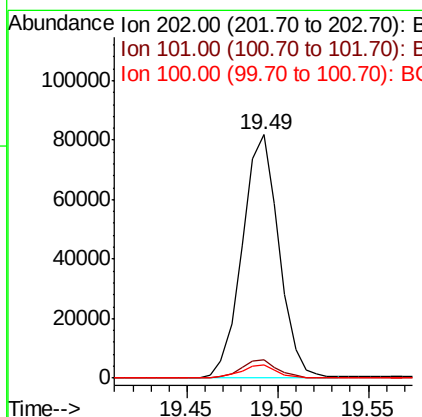
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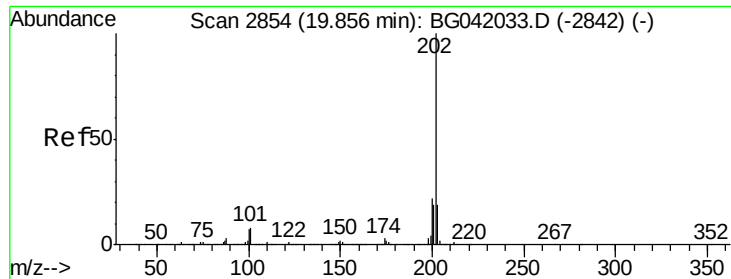
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#76
 Fluoranthene
 Concen: 3.582 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042041.D
 Acq: 7 Aug 2019 21:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.7	10.1
100	5.6	5.3	7.9





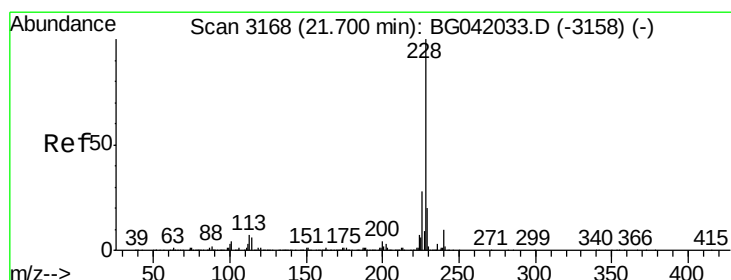
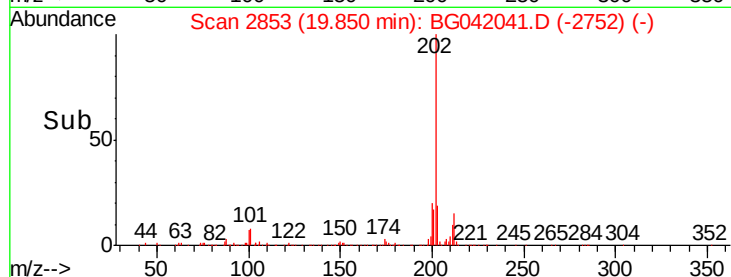
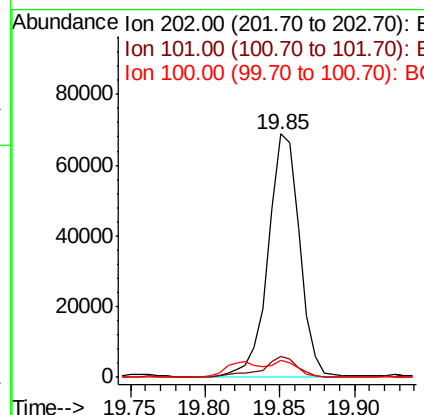
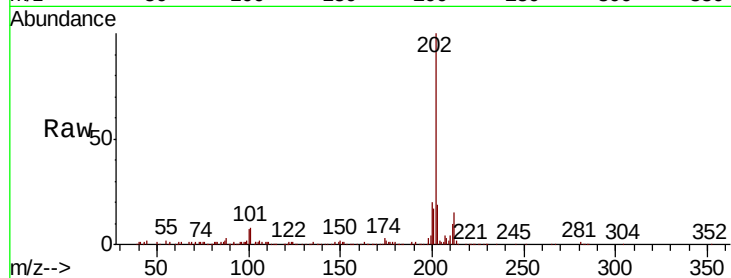
#79
Pvrene
Concen: 3.035 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG042041.D
Acq: 7 Aug 2019 21:26

Instrument :
BNA_G
ClientSampleId :
BENY4

Tot Ion:	202	Resp:	100933
Ion Ratio		Lower	Upper
202	100		
101	8.4	7.6	11.4
100	7.1	6.5	9.7

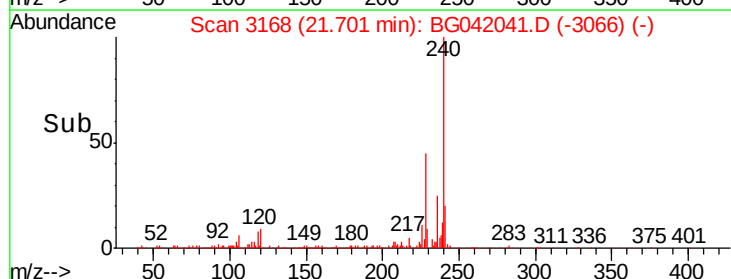
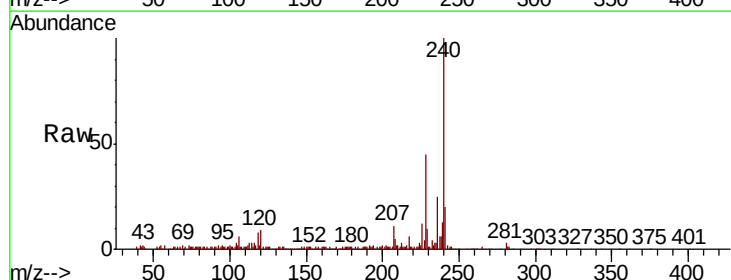
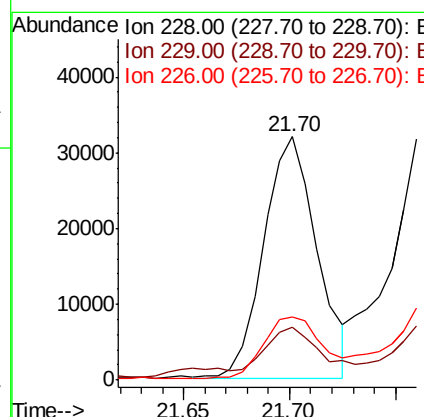
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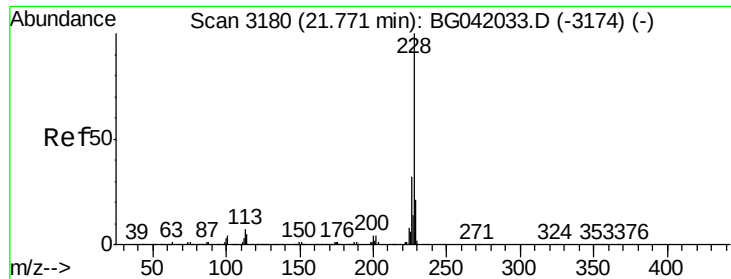
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#82
Benzo(a)anthracene
Concen: 1.629 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042041.D
Acq: 7 Aug 2019 21:26

Tgt Ion:	228	Resp:	55842
Ion Ratio		Lower	Upper
228	100		
229	21.6	17.0	25.6
226	25.8	23.3	34.9





#84

Chrysene

Concen: 2.136 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG042041.D

Acq: 7 Aug 2019 21:26

Instrument :

BNA_G

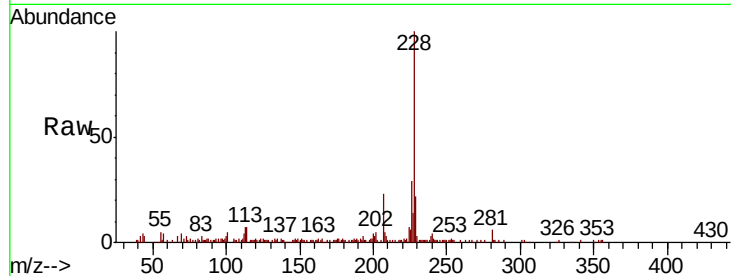
ClientSampleId :

BENY4

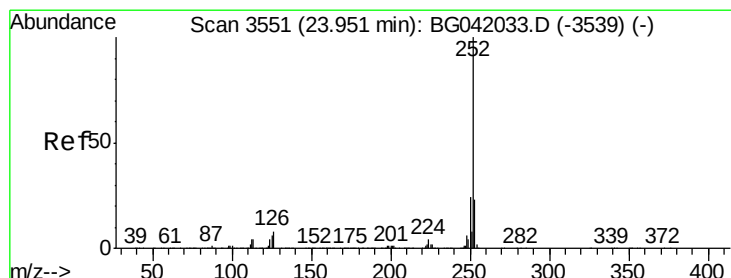
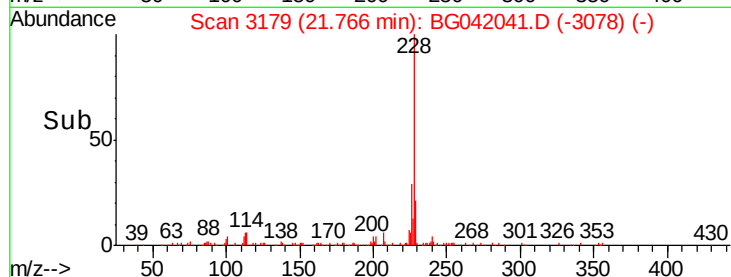
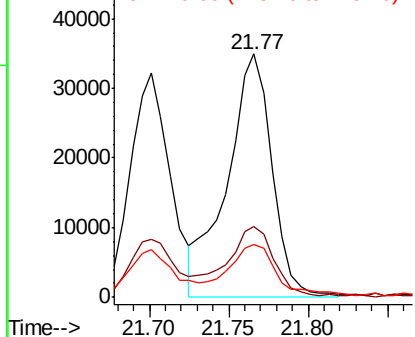
Tot Ion:	228	Resp:	68358
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.7	38.5
229	21.7	16.6	24.8

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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: 2.778 ng/ul

RT: 23.96 min Scan# 3552

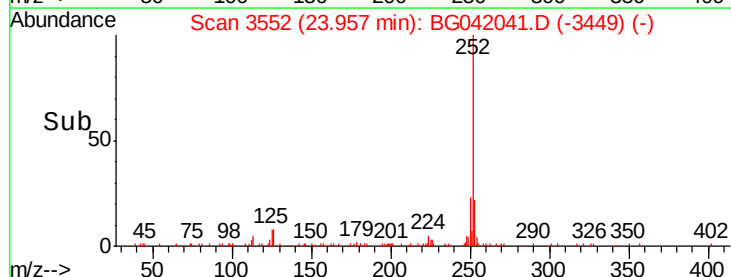
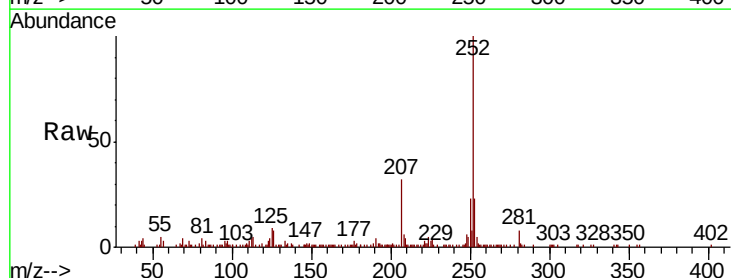
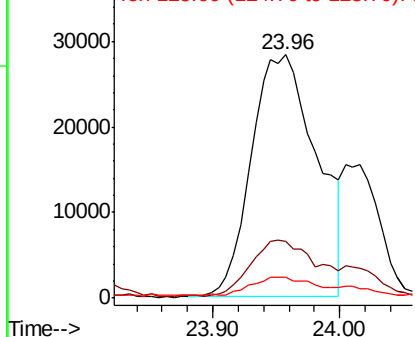
Delta R.T. 0.01 min

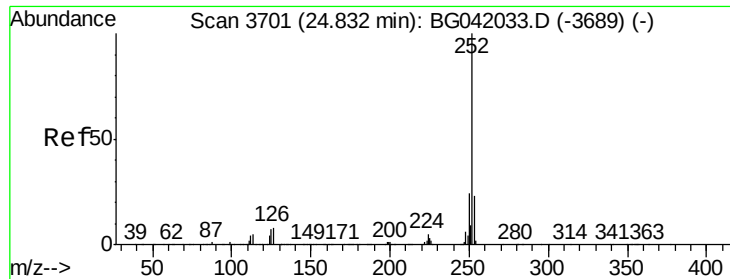
Lab File: BG042041.D

Acq: 7 Aug 2019 21:26

Tgt Ion:	252	Resp:	101223
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.4	27.6
125	8.7	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





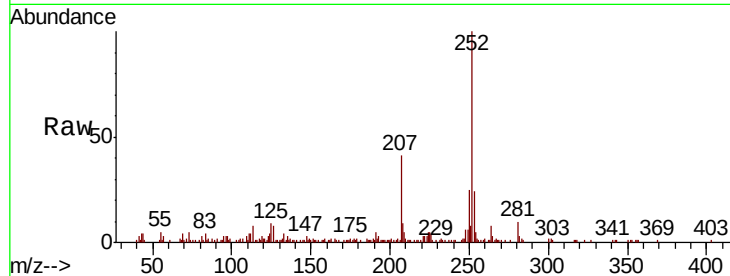
#90
Benzo(a)pyrene
Concen: 1.811 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042041.D
Acq: 7 Aug 2019 21:26

Instrument :
BNA_G
ClientSampled :
BENY4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.3	27.5
125	8.9	6.5	9.7

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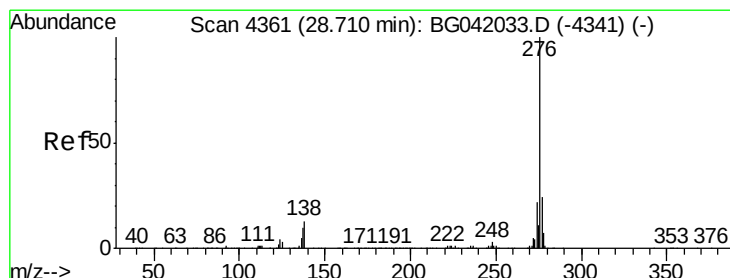
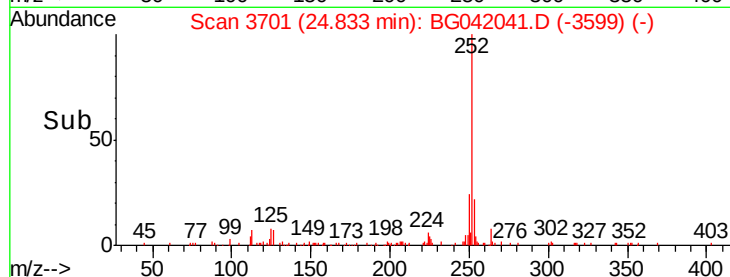
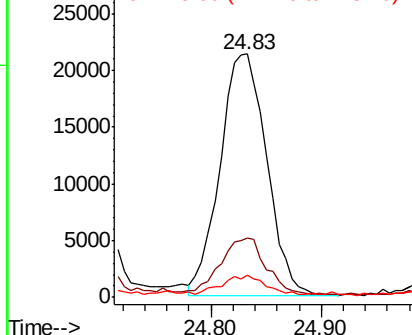


Abundance

Ion 252.00 (251.70 to 252.70): E

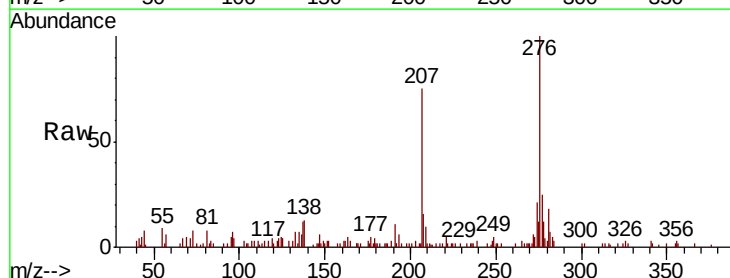
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Indeno(1,2,3-cd)pyrene
Concen: 1.241 ng/ul
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042041.D
Acq: 7 Aug 2019 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	12.0	18.0
277	24.8	19.2	28.8

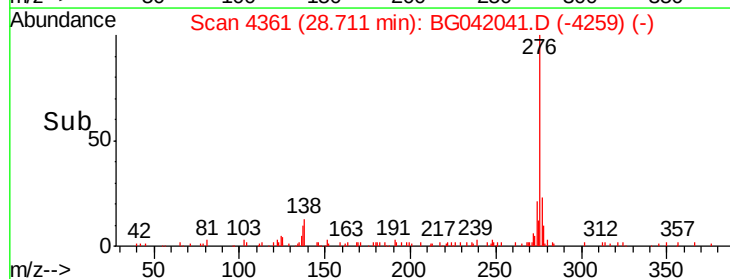
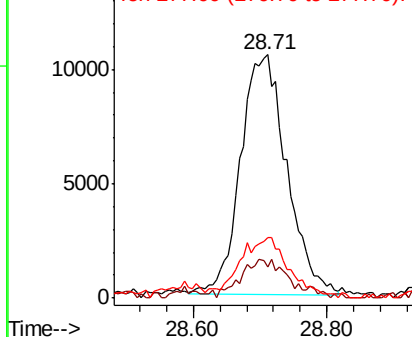


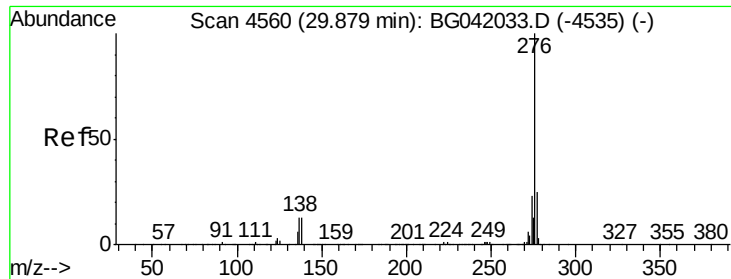
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.206 ng/ul m

RT: 29.87 min Scan# 4558

Delta R.T. -0.01 min

Lab File: BG042041.D

Acq: 7 Aug 2019 21:26

Instrument :

BNA_G

ClientSampleId :

BENY4

Tot Ion:	276	Resp:	40783
Ion Ratio	Lower	Upper	
276	100		
138	13.0	12.6	18.8
277	24.1	19.2	28.8

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