

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042034.D
 Acq On : 7 Aug 2019 16:56
 Operator : HP/JU
 Sample : K4028-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENR5

Manual Integrations
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 8/9/2019 4:29:47 PM

Quant Time: Aug 08 01:46:48 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	63538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	270255	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	193808	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	412383	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	393519	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	472612	20.00	ng/ul	0.00

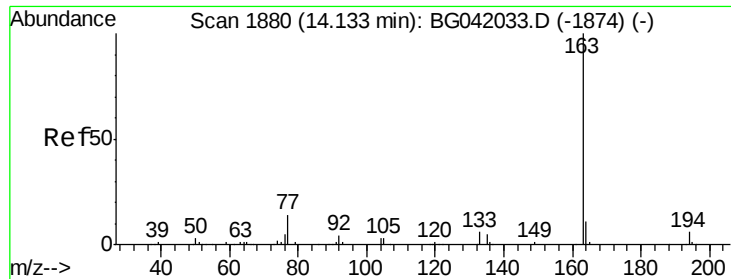
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4648	3.20	ng/uL	0.00
5) Phenol-d5	7.18	99	99747	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	57453	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	95969	22.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	76195	18.20	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	50522	24.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	59409	25.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	112153m	23.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	105511	19.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	373585	24.85	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	438694	25.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	35428	14.04	ng/ul	0.00
57) Fluorene-d10	15.68	176	335212	25.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	48028	18.15	ng/ul	0.00
70) Anthracene-d10	17.54	188	501102	25.33	ng/ul	0.00
78) Pyrene-d10	19.83	212	565538	25.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	633639	25.66	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.13	163	146458	9.813	ng/ul	99
69) Phenanthrene	17.48	178	134678	5.966	ng/ul	98
71) Anthracene	17.57	178	29360	1.282	ng/ul	97
76) Fluoranthene	19.49	202	297571m	11.408	ng/ul	
79) Pyrene	19.86	202	357771	13.516	ng/ul	96
82) Benzo(a)anthracene	21.70	228	228703	8.382	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	660272	46.446	ng/ul	99
84) Chrysene	21.77	228	242028	9.504	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	256573	8.651	ng/ul	99
88) Benzo(k)fluoranthene	24.01	252	95922m	3.364	ng/ul	
90) Benzo(a)pyrene	24.83	252	223779	7.918	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	28.70	276	132201	4.010	ng/ul	95
92) Dibenzo(a,h)anthracene	28.75	278	43415m	1.615	ng/ul	
93) Benzo(g,h,i)perylene	29.86	276	128902	4.684	ng/ul	96

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



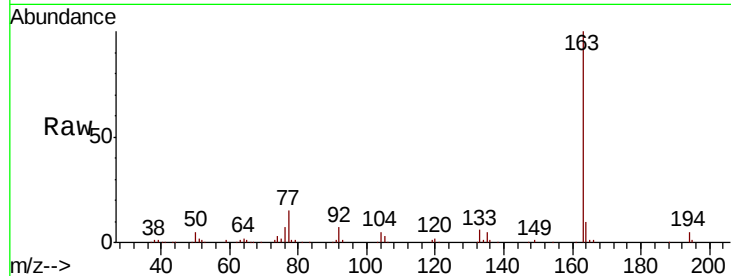
#44
Dimethylphthalate
Concen: 9.813 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Instrument :
BNA_G
ClientSampleId :
BENR5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	146458		
194	5.0		4.2	6.2
164	10.5		7.8	11.8

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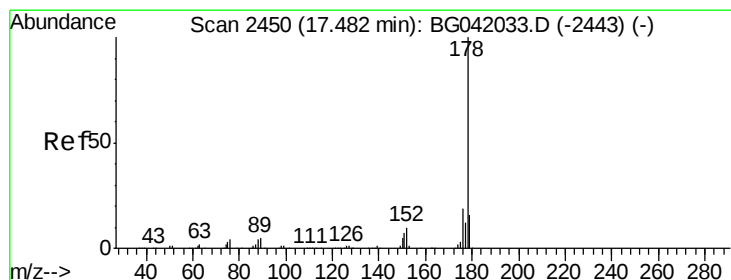
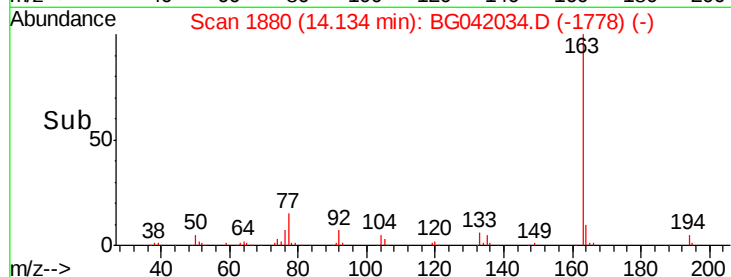
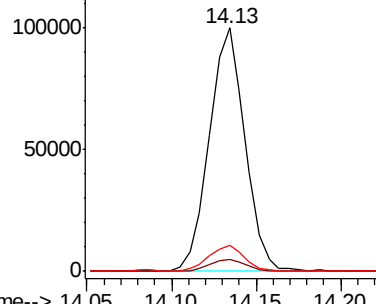


Abundance

Ion 163.00 (162.70 to 163.70): E

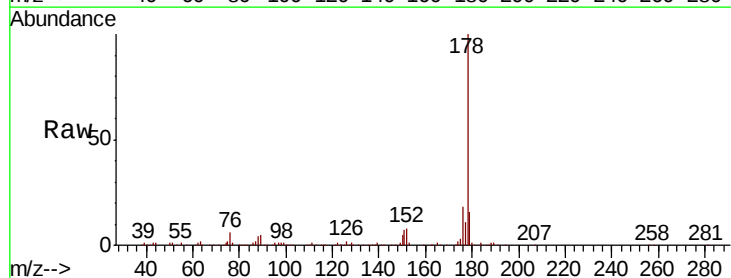
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 5.966 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	134678		
179	15.7		12.8	19.2
176	17.7		15.4	23.2

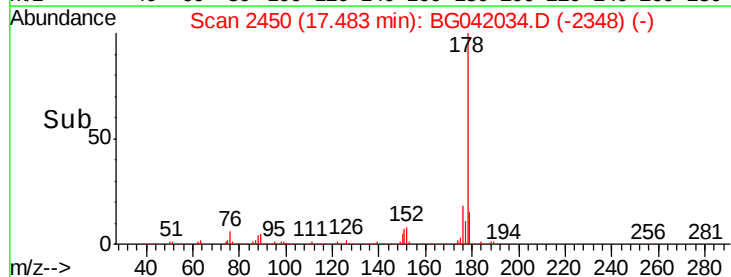
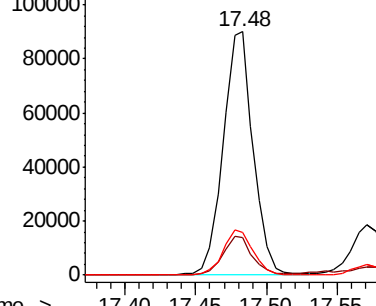


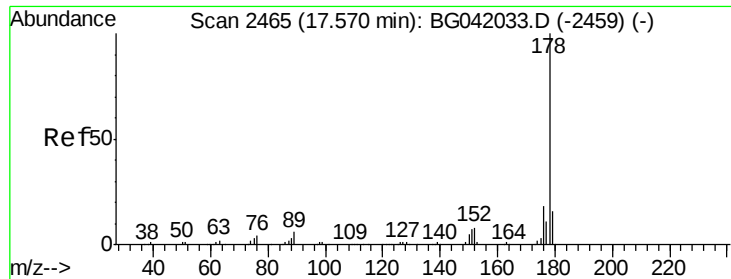
Abundance

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





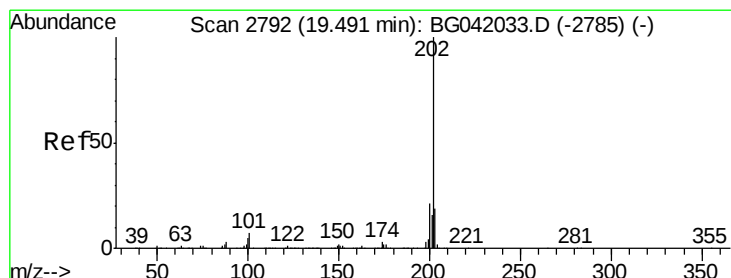
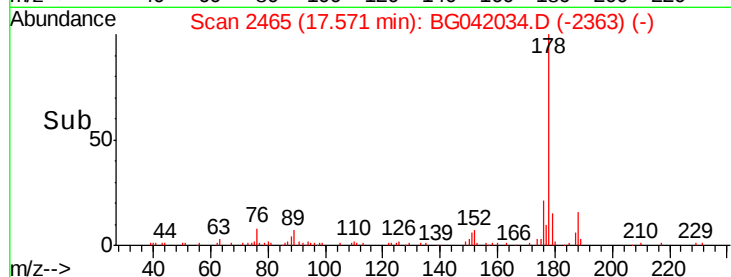
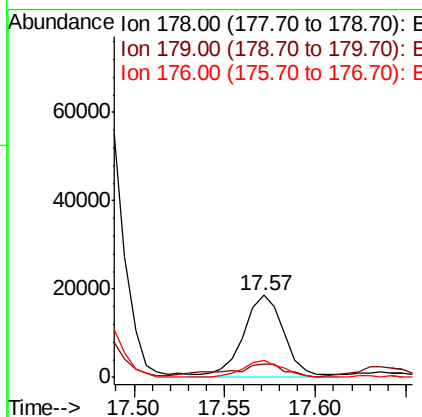
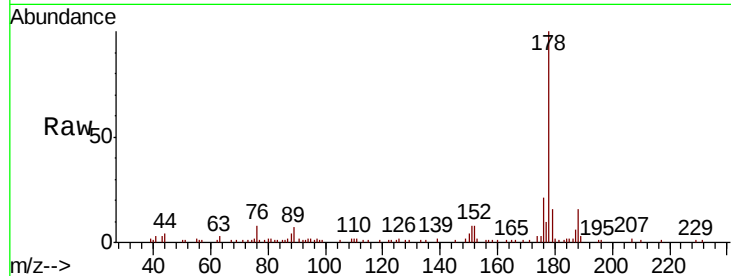
#71
 Anthracene
 Concen: 1.282 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042034.D
 Acq: 7 Aug 2019 16:56

Instrument :
 BNA_G
 ClientSampleId :
 BENR5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.0
176	20.8	15.4	23.2

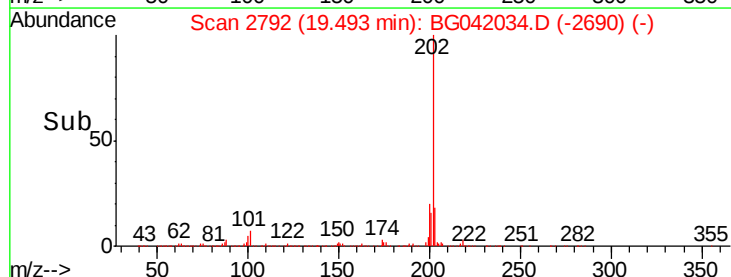
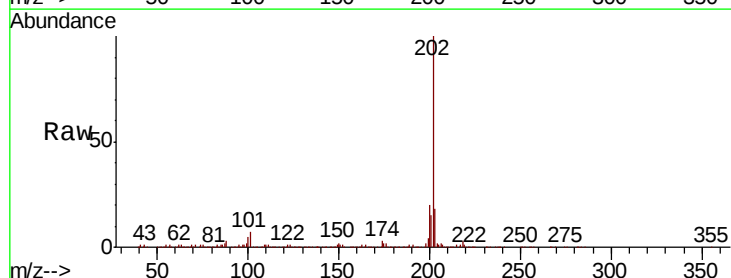
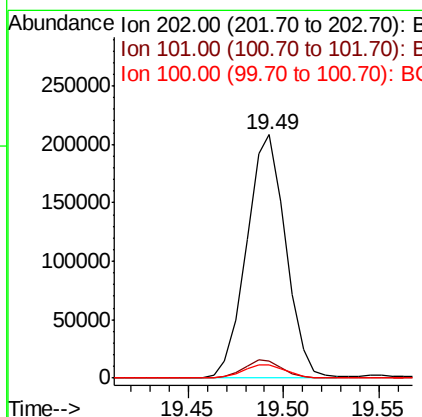
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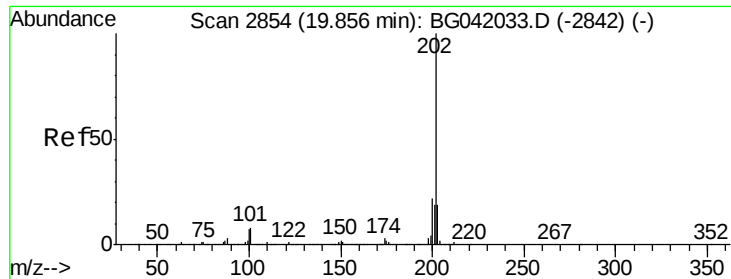
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#76
 Fluoranthene
 Concen: 11.408 ng/ul m
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042034.D
 Acq: 7 Aug 2019 16:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.7	10.1
100	5.2	5.3	7.9#





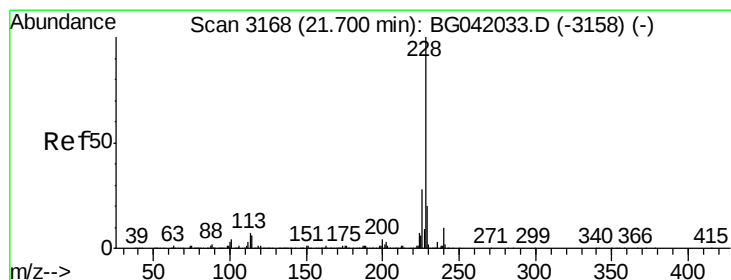
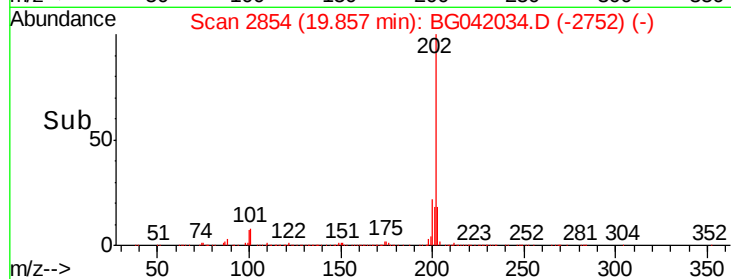
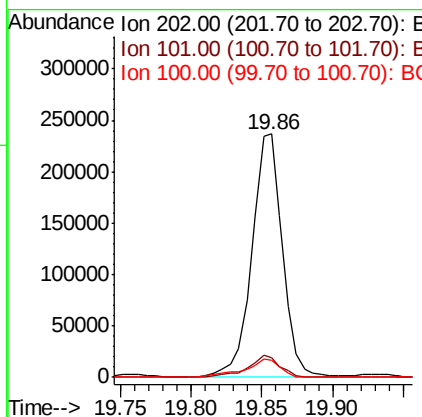
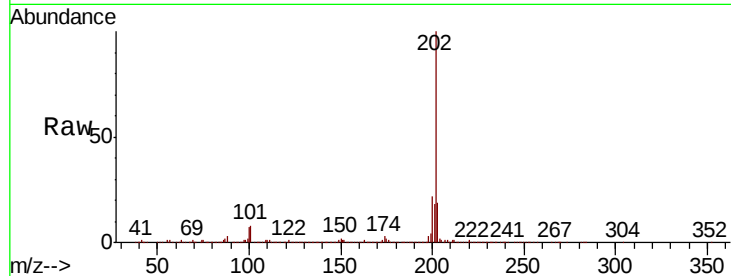
#79
Pvrene
Concen: 13.516 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Instrument :
BNA_G
ClientSampleId :
BENR5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	357771		
101	8.0		7.6	11.4
100	6.8		6.5	9.7

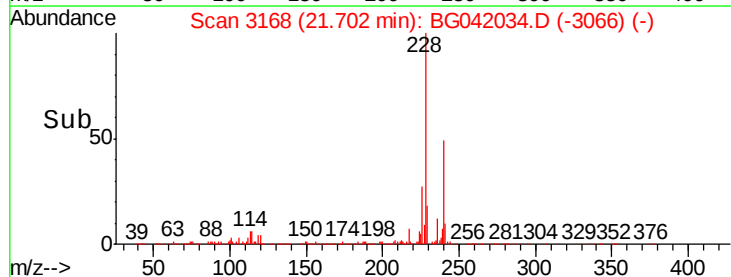
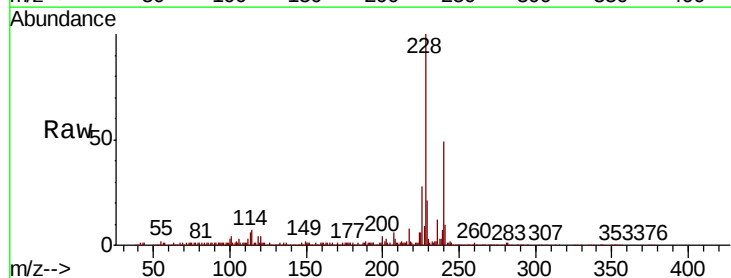
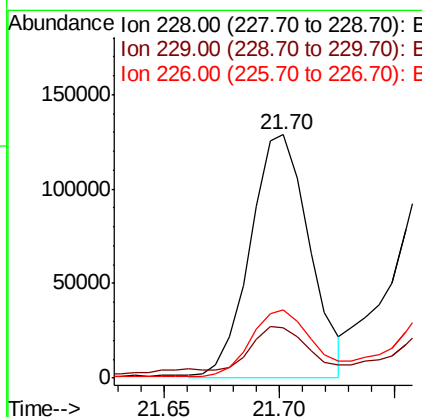
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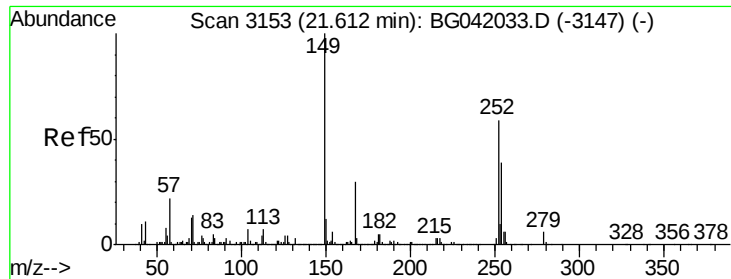
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#82
Benzo(a)anthracene
Concen: 8.382 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	228703		
229	20.9		17.0	25.6
226	28.0		23.3	34.9





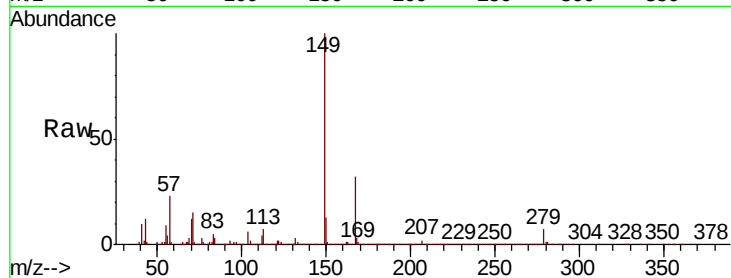
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.446 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042034.D
 Acq: 7 Aug 2019 16:56

Instrument :
 BNA_G
 ClientSampleId :
 BENR5

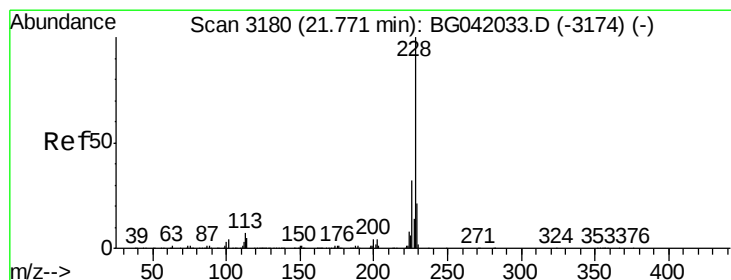
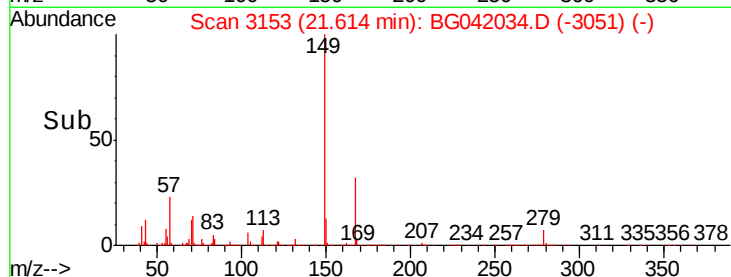
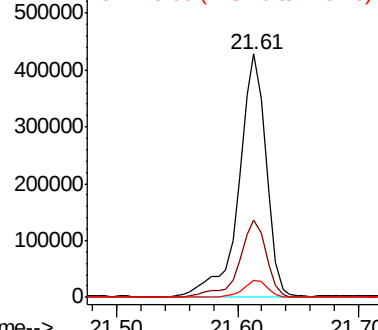
Tot Ion	Ratio	Lower	Upper
149	100		
167	32.0	25.0	37.4
279	7.0	5.2	7.8

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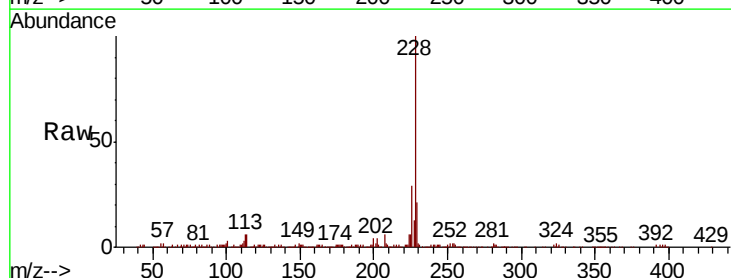


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

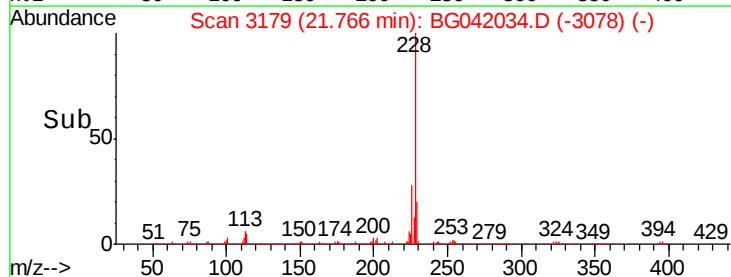
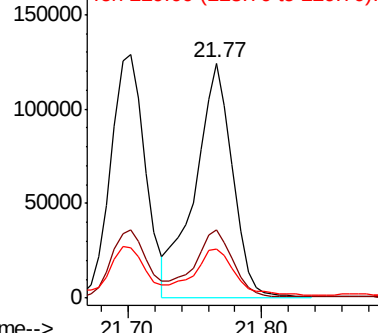


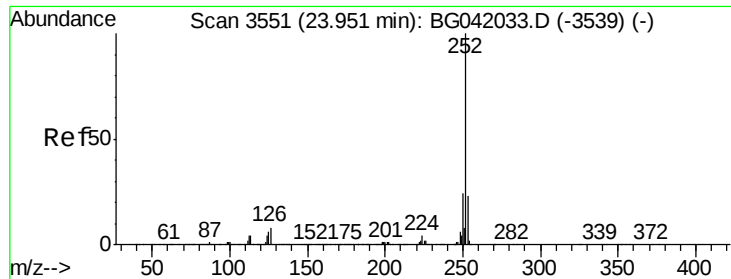
#84
 Chrysene
 Concen: 9.504 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG042034.D
 Acq: 7 Aug 2019 16:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.7	38.5
229	20.9	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: 8.651 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042034.D

Acq: 7 Aug 2019 16:56

Instrument :

BNA_G

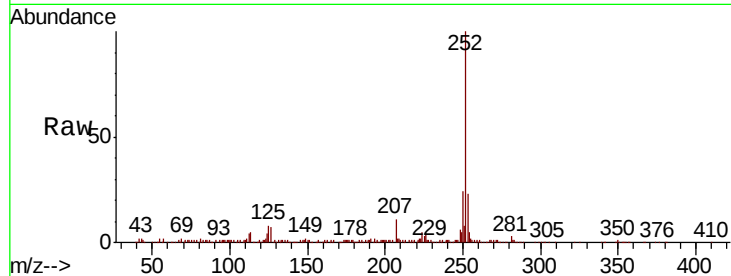
ClientSampleId :

BENR5

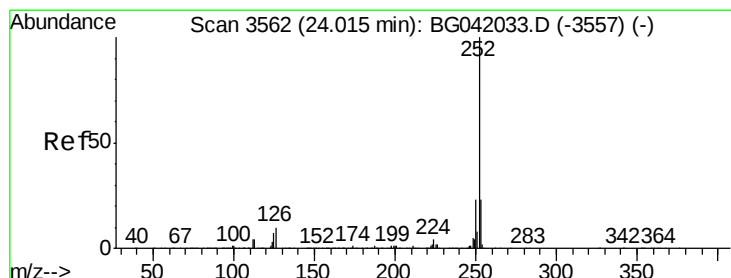
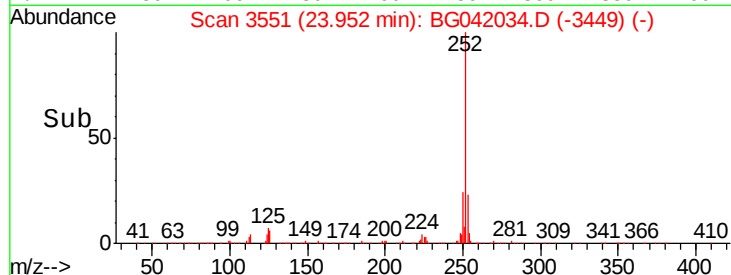
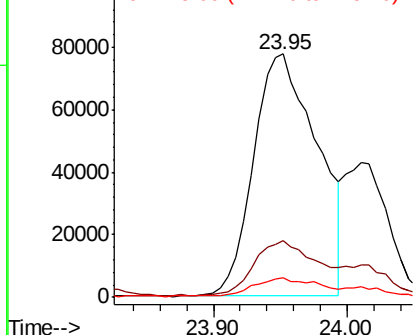
Tot Ion:	252	Resp:	256573
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.4	27.6
125	7.8	5.8	8.8

Manual Integrations
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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: 3.364 ng/ul m

RT: 24.01 min Scan# 3561

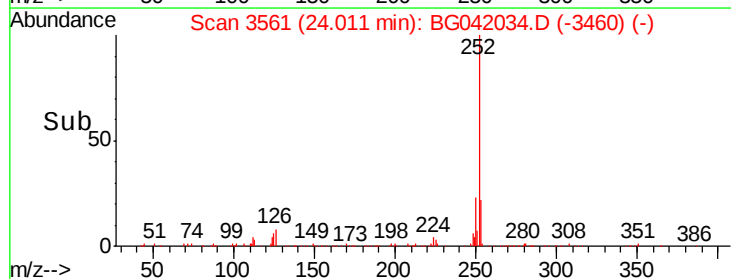
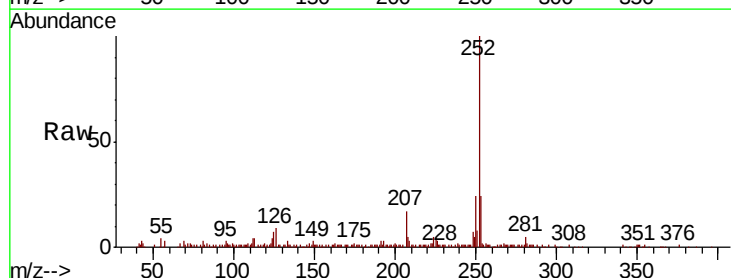
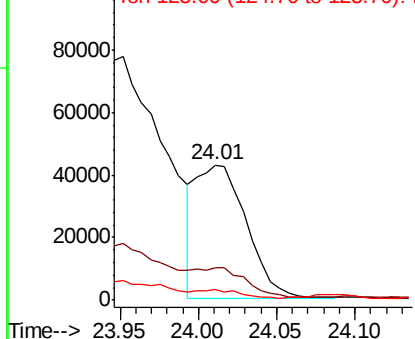
Delta R.T. -0.00 min

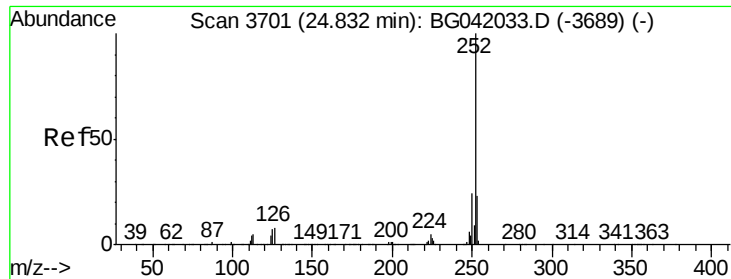
Lab File: BG042034.D

Acq: 7 Aug 2019 16:56

Tgt Ion:	252	Resp:	95922
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.3	27.5
125	7.4	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





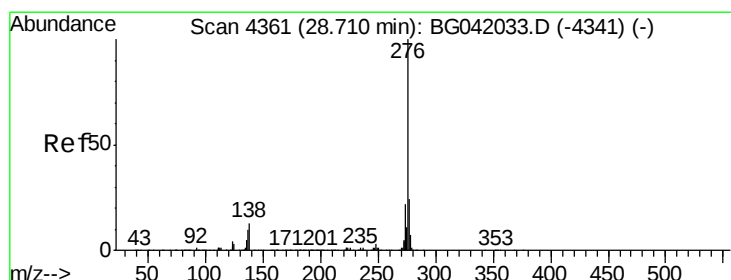
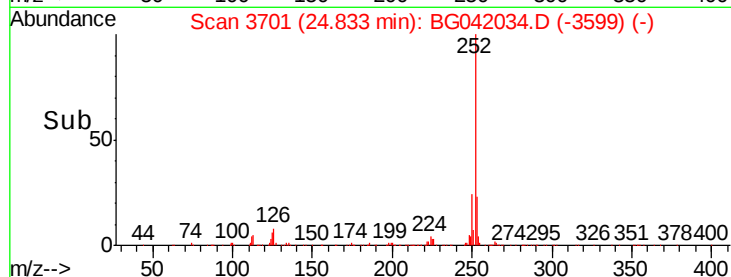
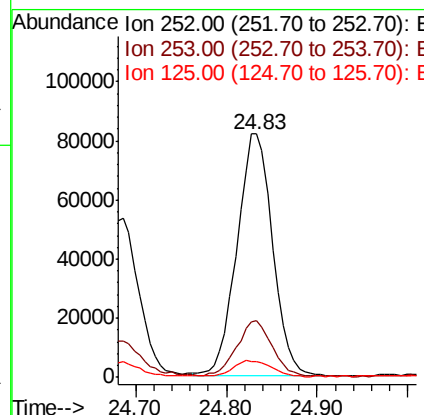
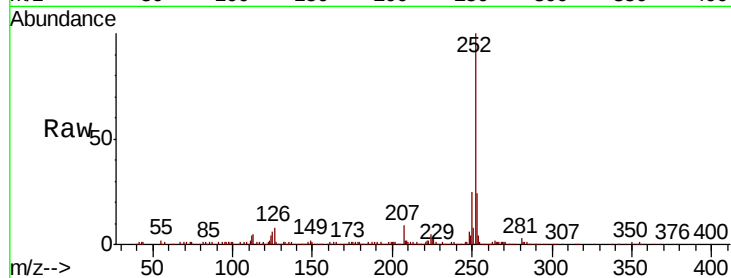
#90
Benzo(a)pyrene
Concen: 7.918 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Instrument :
BNA_G
ClientSampleId :
BENR5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	18.3	27.5
125	6.3	6.5	9.7

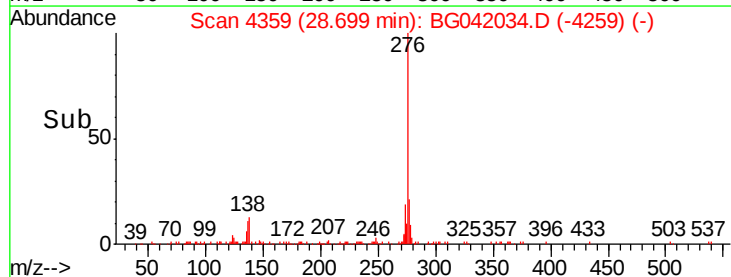
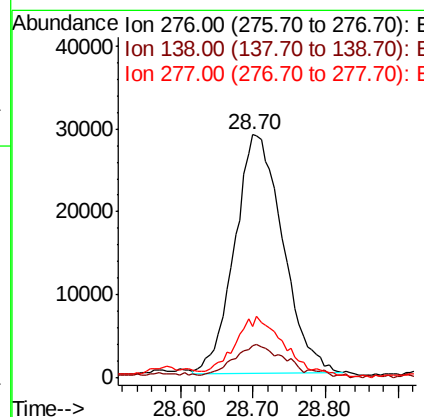
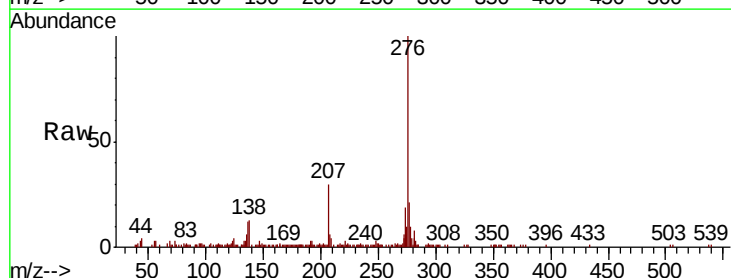
Manual Integrations
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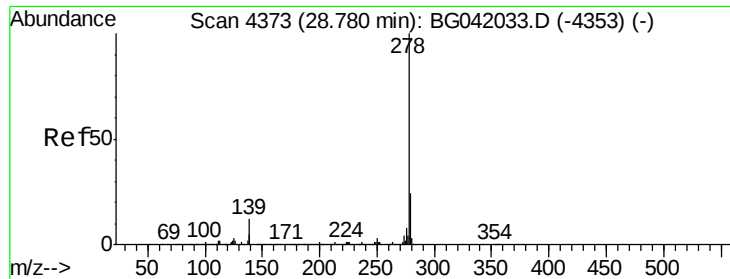
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#91
Indeno(1,2,3-cd)pyrene
Concen: 4.010 ng/ul
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.4	12.0	18.0
277	21.4	19.2	28.8





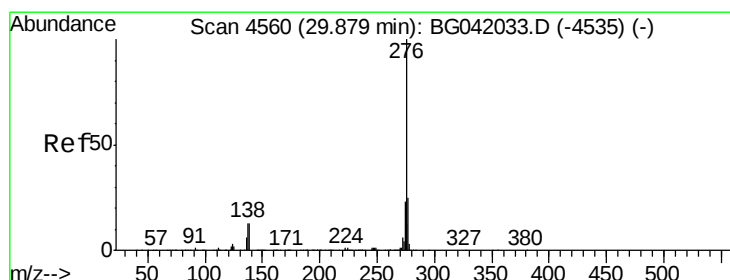
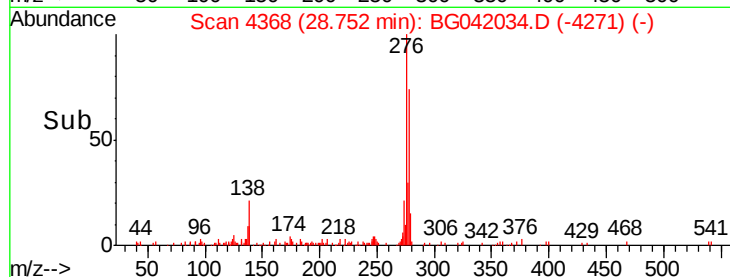
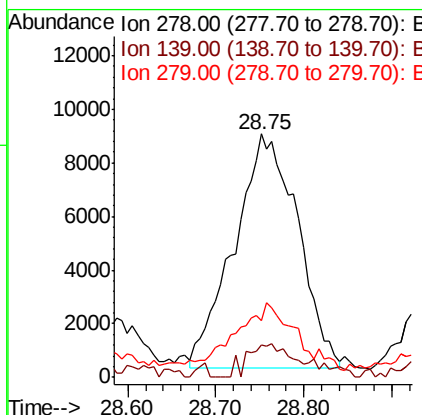
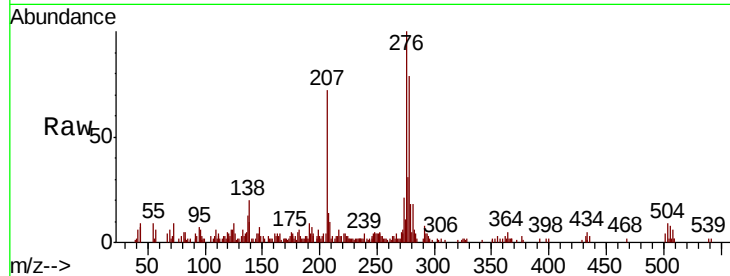
#92
Dibenzo(a,h)anthracene
Concen: 1.615 ng/ul m
RT: 28.75 min Scan# 4368
Delta R.T. -0.03 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Instrument :
BNA_G
ClientSampleId :
BENR5

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	9.4	14.0
279	23.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:47 PM



#93
Benzo(g,h,i)perylene
Concen: 4.684 ng/ul
RT: 29.86 min Scan# 4556
Delta R.T. -0.02 min
Lab File: BG042034.D
Acq: 7 Aug 2019 16:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	12.6	18.8
277	24.7	19.2	28.8

