

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042030.D
 Acq On : 7 Aug 2019 14:20
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENZ3

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:40:55 PM

Quant Time: Aug 07 16:10:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 12:00:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	82178	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	347312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	249612	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	529127	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	510486	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	614274	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4111	2.19	ng/uL	0.00
5) Phenol-d5	7.18	99	99293	15.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	54231	15.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	97148	17.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	86836	16.04	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	48347	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	58550	19.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	110114	17.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	113803	16.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	354603	18.32	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	406436	18.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	34887	10.73	ng/ul	0.00
57) Fluorene-d10	15.68	176	316136	18.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	41907	12.34	ng/ul	0.00
70) Anthracene-d10	17.54	188	490698	19.33	ng/ul	0.00
78) Pyrene-d10	19.83	212	557881	19.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	630659	19.65	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	124199	6.461 ng/ul	97
69) Phenanthrene	17.48	178	55985	1.933 ng/ul	99
76) Fluoranthene	19.49	202	143815m	4.297 ng/ul	
79) Pyrene	19.85	202	129930	3.784 ng/ul	96
82) Benzo(a)anthracene	21.70	228	70856	2.002 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	29626	1.607 ng/ul	99
84) Chrysene	21.77	228	75571	2.288 ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	103924	2.696 ng/ul#	97
90) Benzo(a)pyrene	24.83	252	74177	2.019 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	28.71	276	52184	1.218 ng/ul	99
93) Benzo(g,h,i)perylene	29.87	276	50899m	1.423 ng/ul	

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

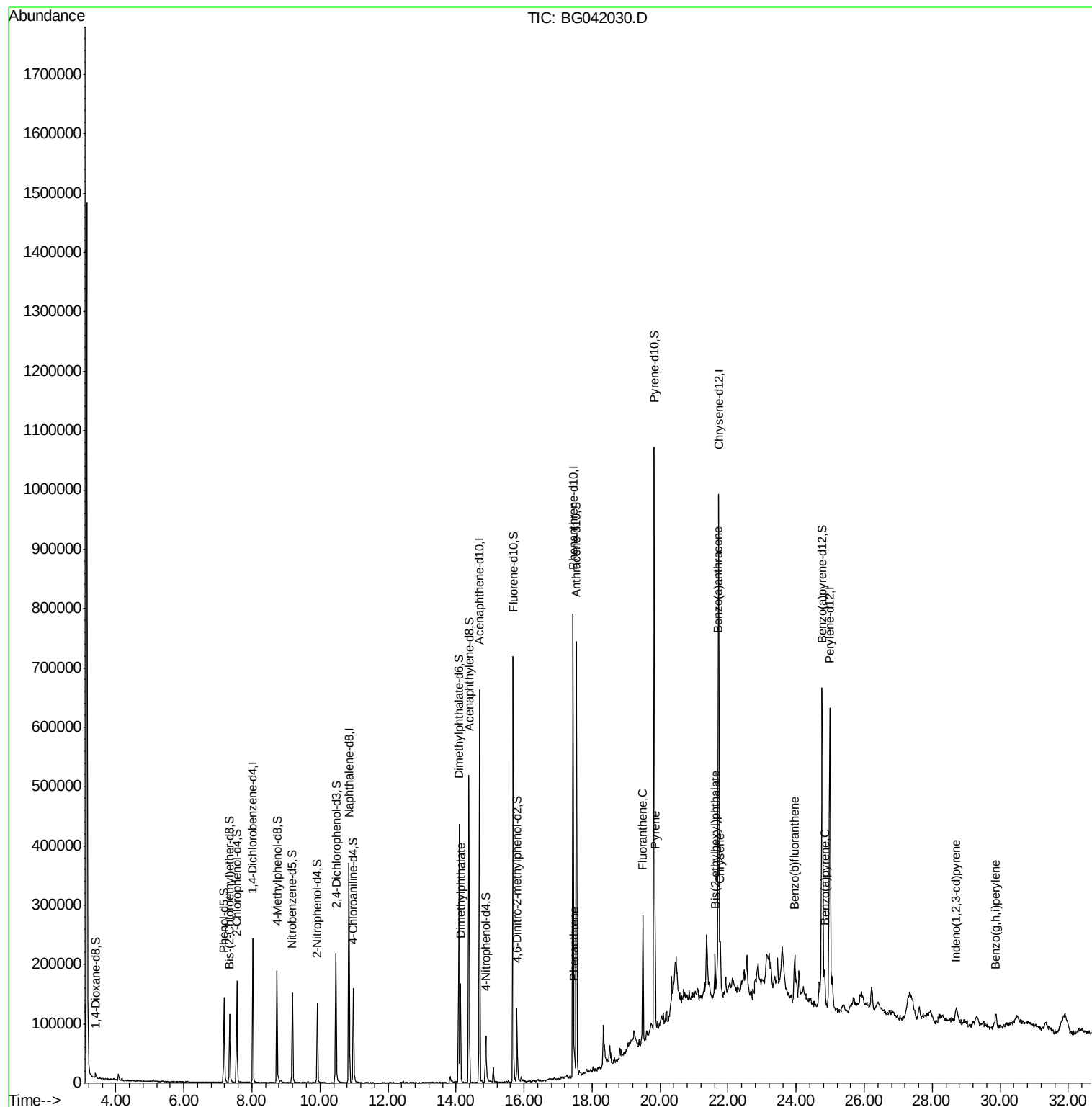
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042030.D
Acq On : 7 Aug 2019 14:20
Operator : HP/JU
Sample : K4028-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

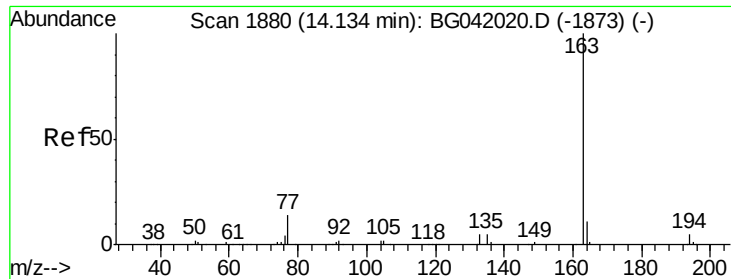
Instrument :
BNA_G
ClientSampleId :
BENZ3

Manual Integrations
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Quant Time: Aug 07 16:10:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration





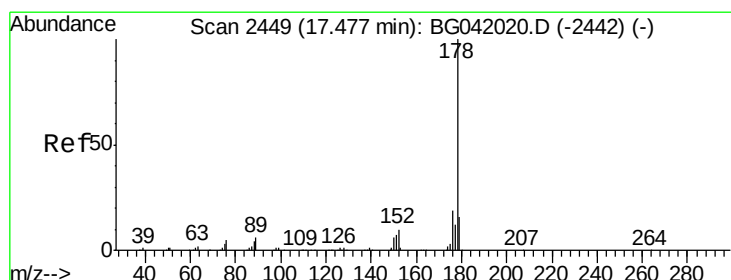
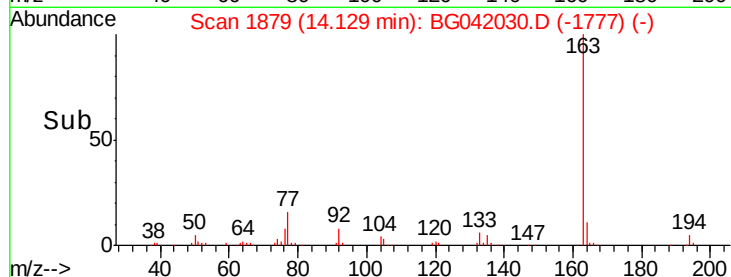
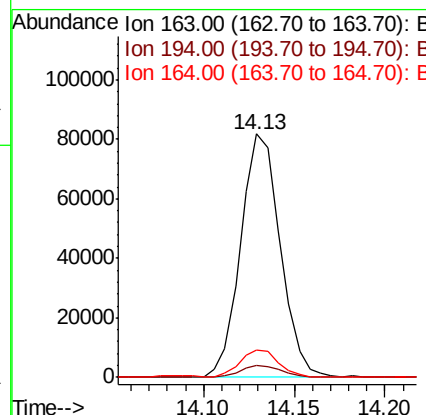
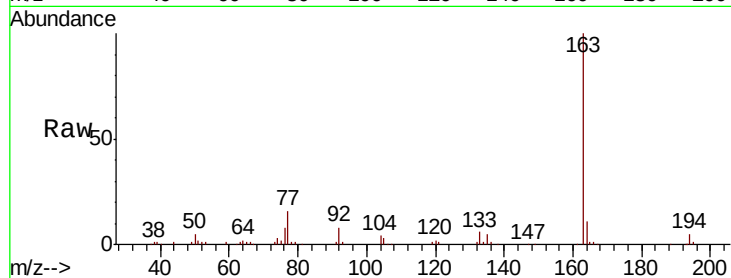
#44
Dimethylphthalate
Concen: 6.461 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Instrument :
BNA_G
ClientSampled :
BENZ3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	124199		
194	4.8		4.2	6.2
164	11.0		7.8	11.8

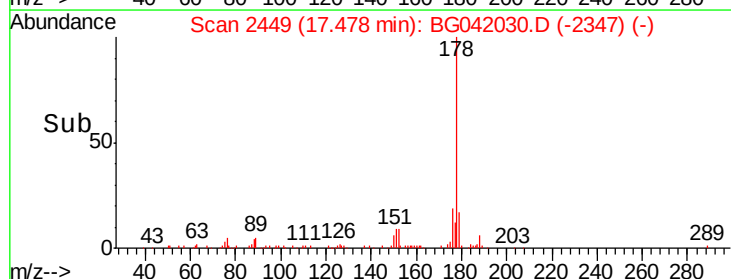
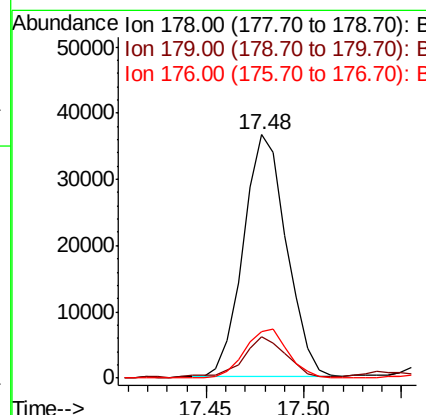
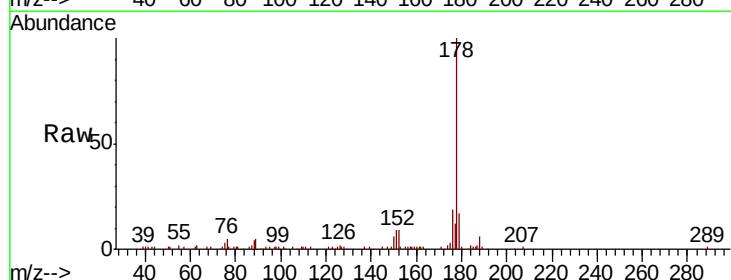
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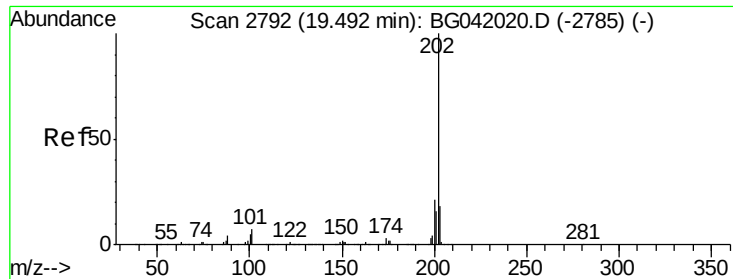
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#69
Phenanthrene
Concen: 1.933 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	55985		
179	17.0		12.8	19.2
176	19.0		15.4	23.2





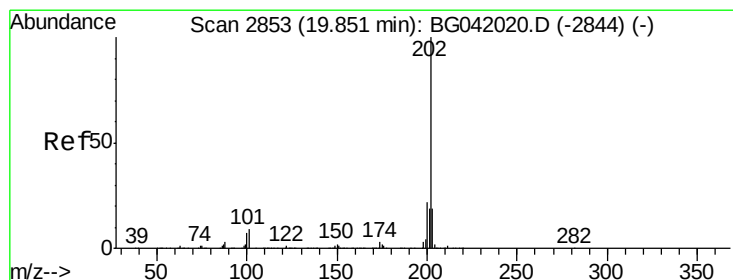
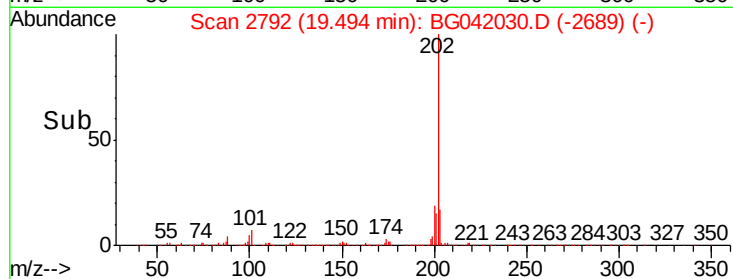
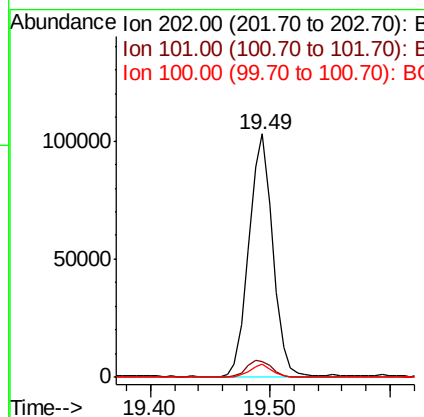
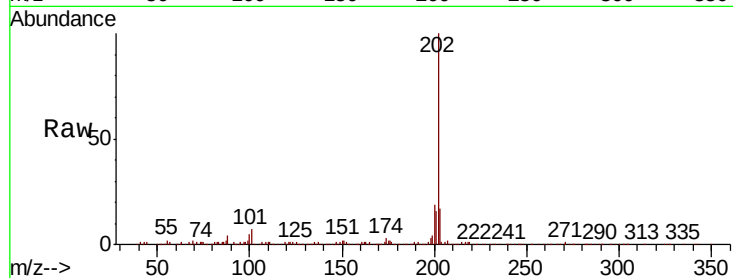
#76
Fluoranthene
Concen: 4.297 ng/ul m
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Instrument :
BNA_G
ClientSampled :
BENZ3

Tot Ion:	202	Resp:	143815
Ion Ratio	Lower	Upper	
202	100		
101	6.7	6.7	10.1#
100	5.3	5.3	7.9#

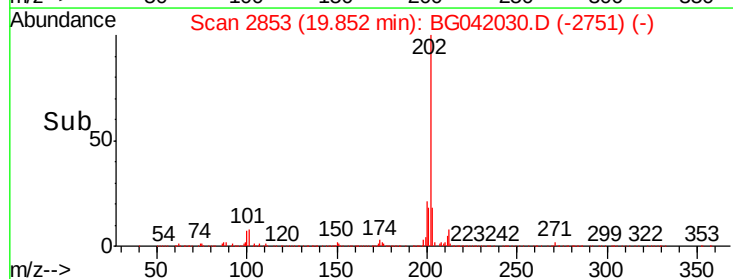
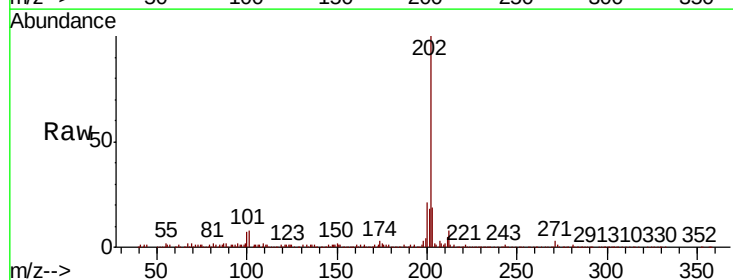
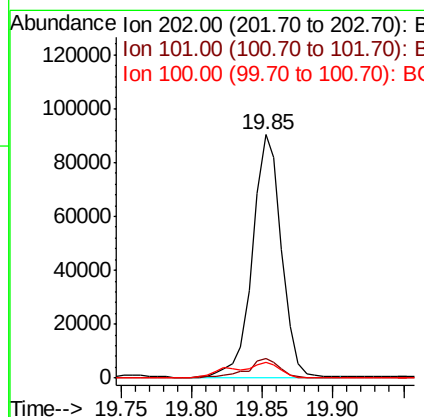
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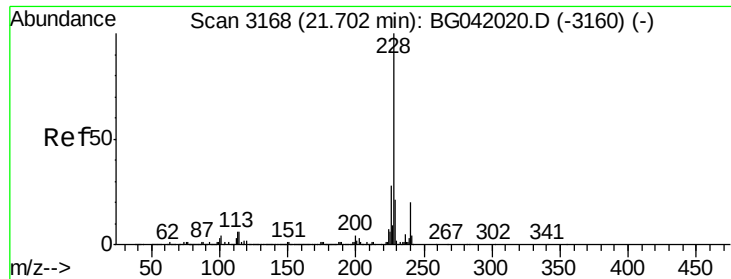
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#79
Pyrene
Concen: 3.784 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Tgt Ion:	202	Resp:	129930
Ion Ratio	Lower	Upper	
202	100		
101	8.0	7.6	11.4
100	6.5	6.5	9.7





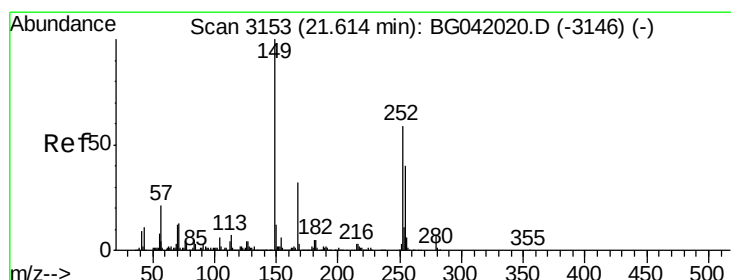
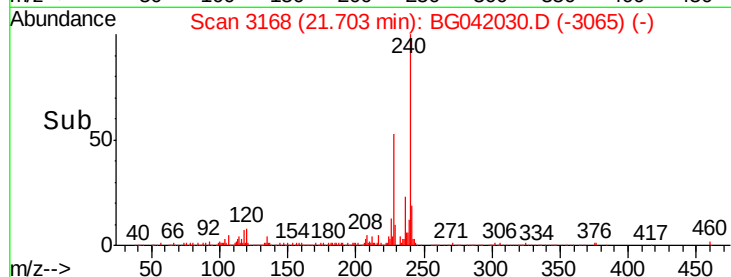
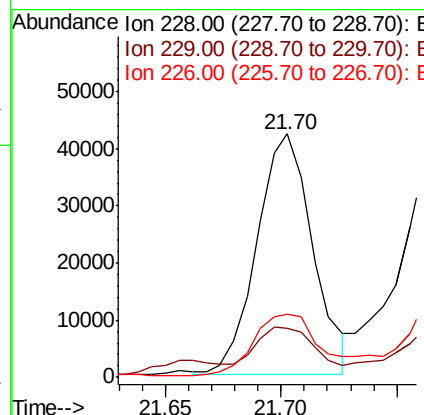
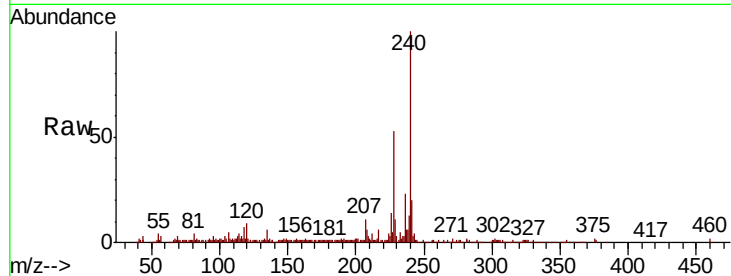
#82
Benzo(a)anthracene
Concen: 2.002 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BENZ3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	17.0	25.6
226	26.1	23.3	34.9

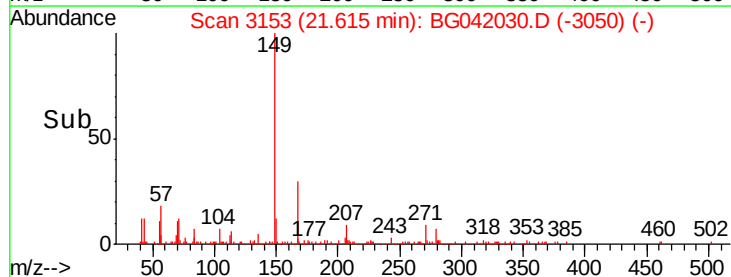
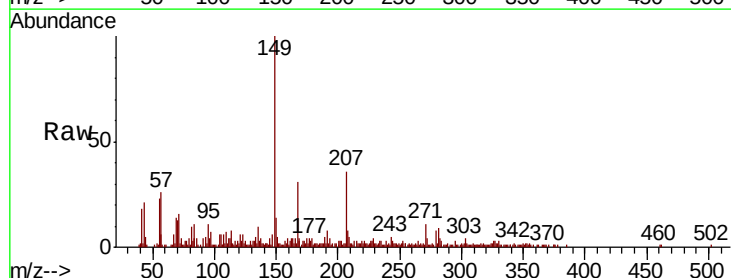
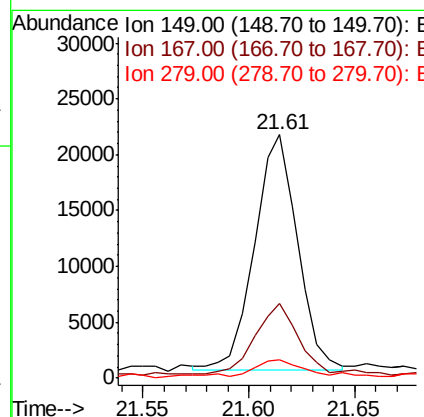
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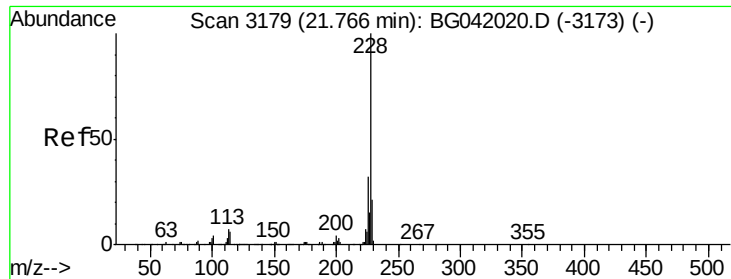
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.607 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.0	37.4
279	7.8	5.2	7.8





#84

Chrysene

Concen: 2.288 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

Instrument :

BNA_G

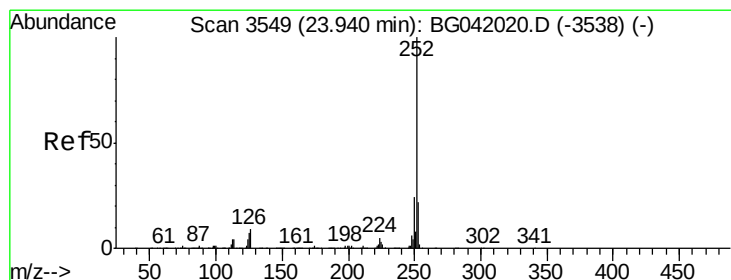
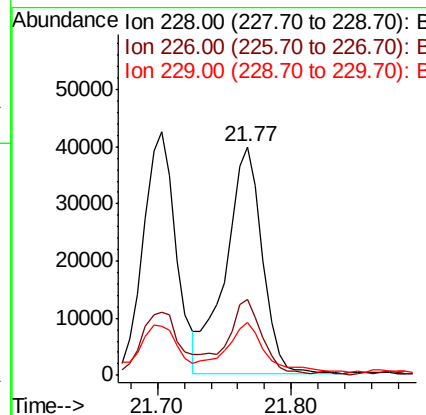
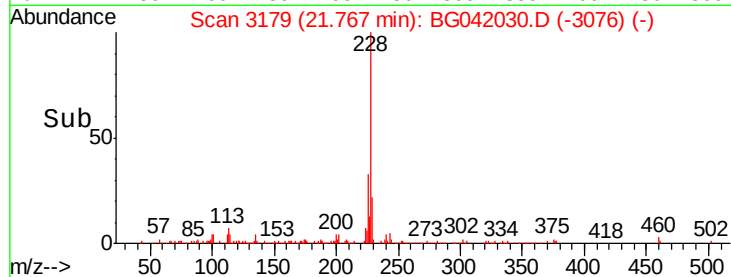
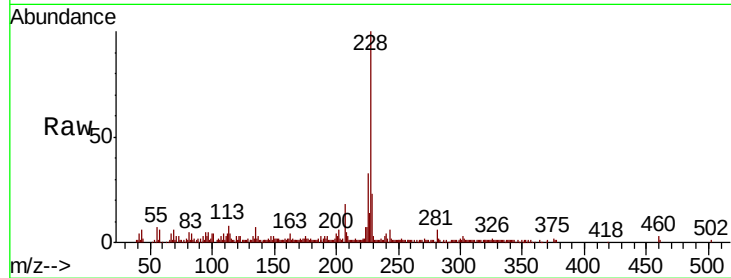
ClientSampled :

BENZ3

Tot Ion:	228	Resp:	75571
Ion Ratio	Lower	Upper	
228	100		
226	33.3	25.7	38.5
229	23.1	16.6	24.8

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#87

Benzo(b)fluoranthene

Concen: 2.696 ng/ul

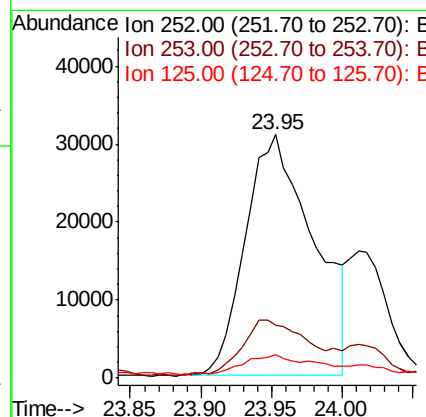
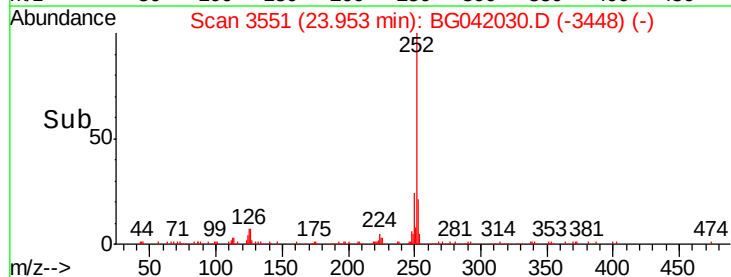
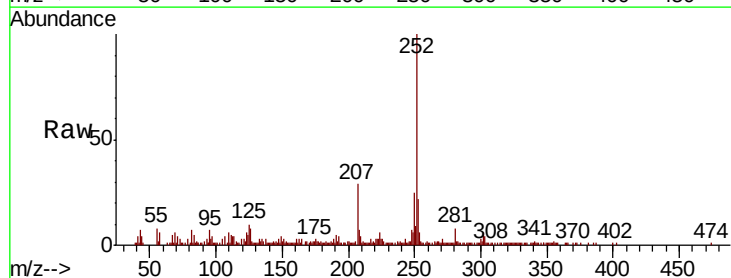
RT: 23.95 min Scan# 3551

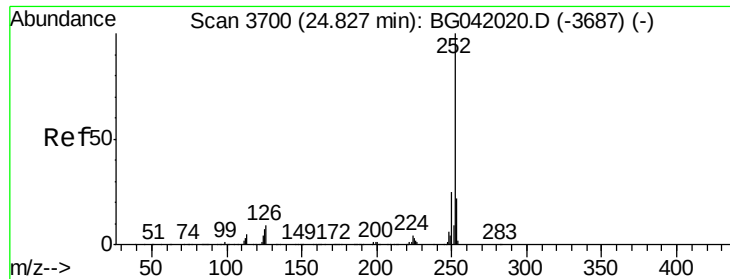
Delta R.T. 0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

Tgt Ion:	252	Resp:	103924
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	9.7	5.8	8.8#





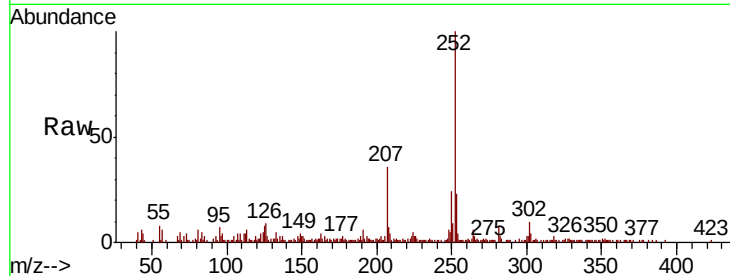
#90
Benzo(a)pyrene
Concen: 2.019 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BENZ3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	7.7	6.5	9.7

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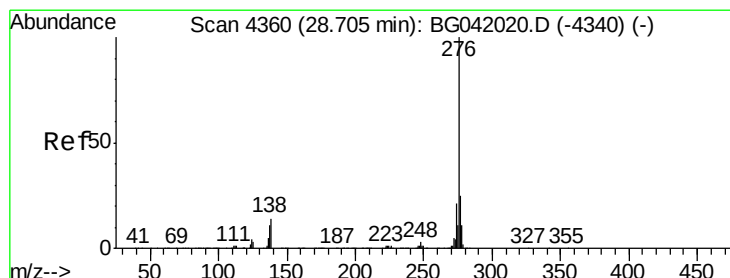
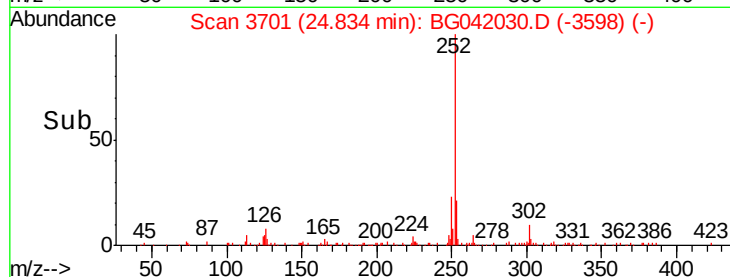
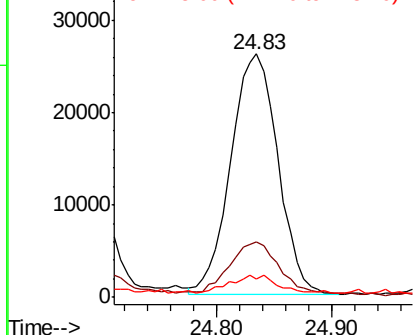


Abundance

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: 1.218 ng/ul
RT: 28.71 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

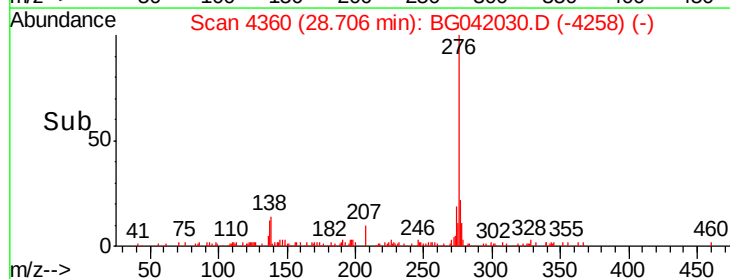
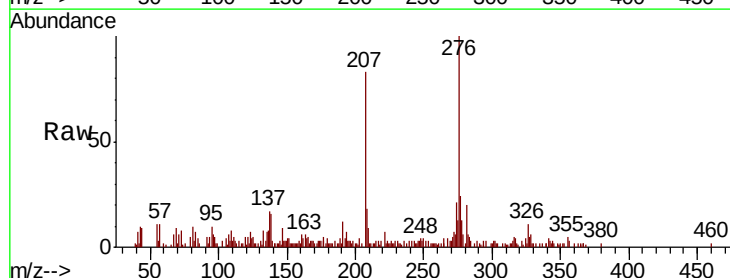
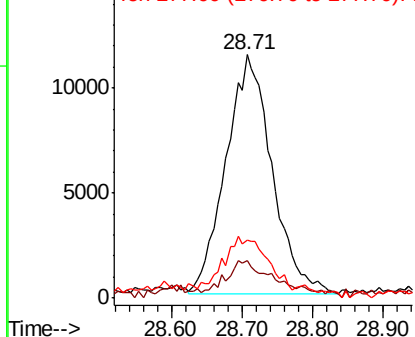
Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.0	18.0
277	23.9	19.2	28.8

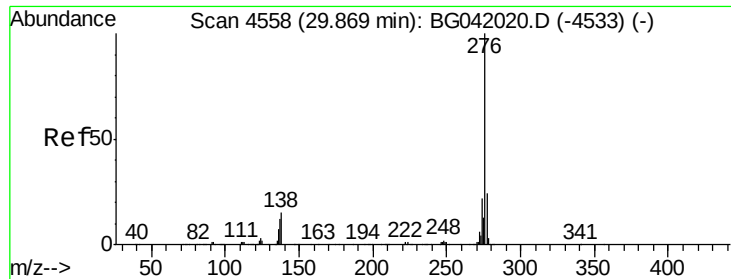
Abundance

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: 1.423 ng/ul m
 RT: 29.87 min Scan# 4558
 Delta R.T. -0.00 min
 Lab File: BG042030.D
 Acq: 7 Aug 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :
 BENZ3

Tot Ion:	276	Resp:	50899
Ion Ratio	Lower	Upper	
276	100		
138	16.5	12.6	18.8
277	27.6	19.2	28.8

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