

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042151.D
 Acq On : 12 Aug 2019 18:22
 Operator : HP/JU
 Sample : K4028-03DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP69DL

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:50:27 AM

Quant Time: Aug 13 12:15:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	81364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	338604	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	490181	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	478834	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	538541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	626	0.34	ng/uL	0.00
5) Phenol-d5	7.18	99	15394	2.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	8344	2.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	15100	2.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	11591	2.16	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	7551	2.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	8050	2.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	17613m	2.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	15545m	2.34	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	55825	3.04	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	69526	3.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.93	143	4680m	1.52	ng/ul	0.04
57) Fluorene-d10	15.68	176	54597	3.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	3033	0.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	90283	3.84	ng/ul	0.00
78) Pyrene-d10	19.82	212	104431	3.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	109632	3.90	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	29728	1.631 ng/ul	97
69) Phenanthrene	17.48	178	53306	1.986 ng/ul	98
76) Fluoranthene	19.49	202	112646m	3.633 ng/ul	
79) Pyrene	19.85	202	123460	3.833 ng/ul	98
82) Benzo(a)anthracene	21.70	228	75702	2.280 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	1139916	65.899 ng/ul	96
84) Chrysene	21.76	228	76915	2.482 ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	72320	2.140 ng/ul	99
90) Benzo(a)pyrene	24.82	252	66352m	2.060 ng/ul	
93) Benzo(a,h,i)perylene	29.87	276	35219m	1.123 ng/ul	

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

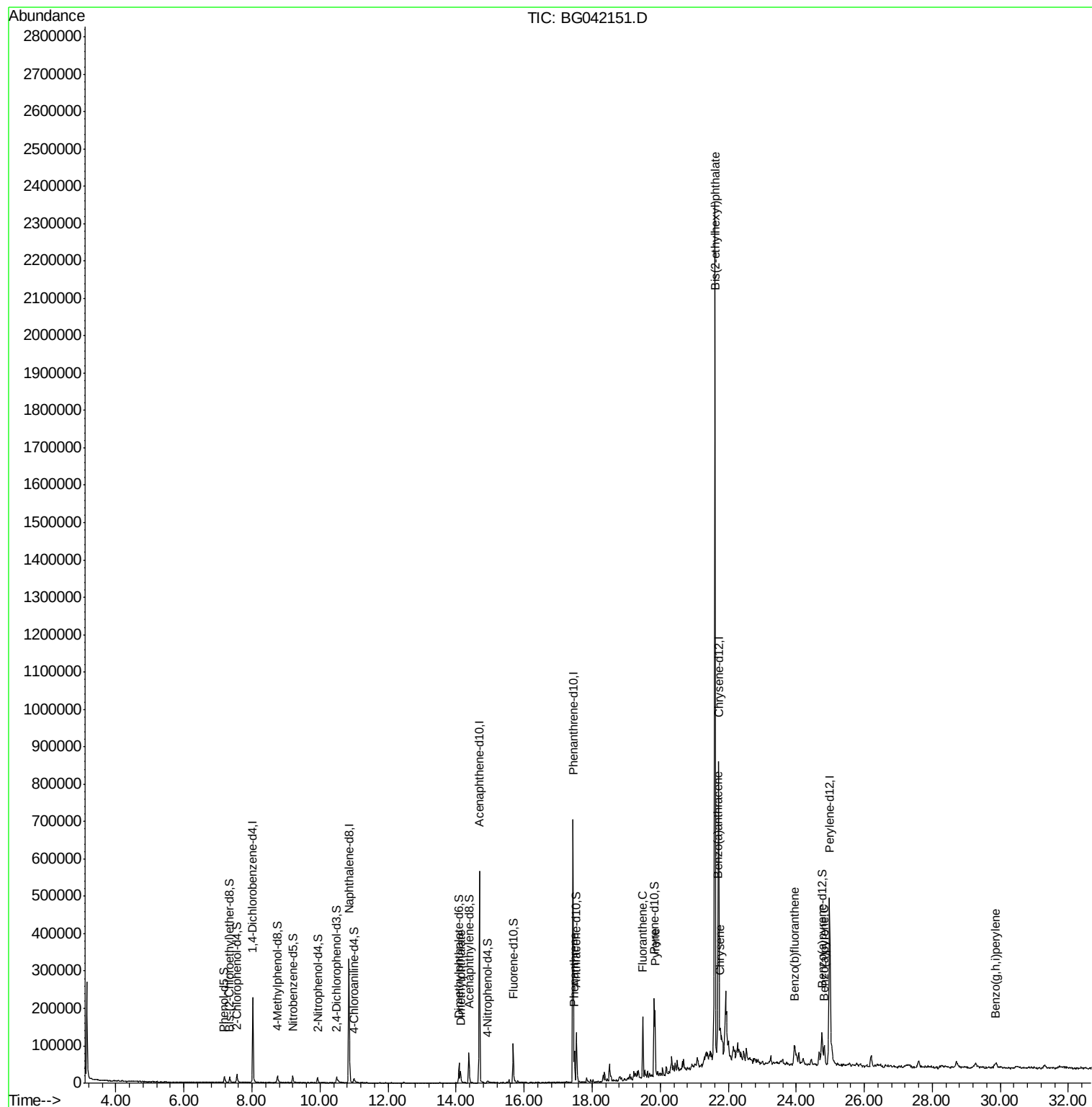
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042151.D
Acq On : 12 Aug 2019 18:22
Operator : HP/JU
Sample : K4028-03DL 5X
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ALS Vial : 15 Sample Multiplier: 1

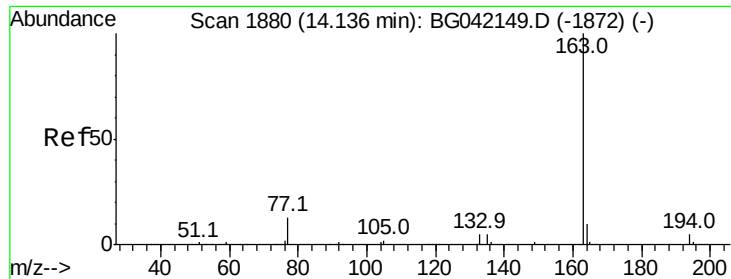
Instrument :
BNA_G
ClientSampleId :
BEP69DL

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





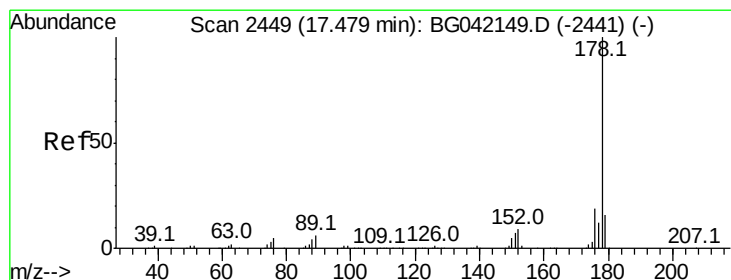
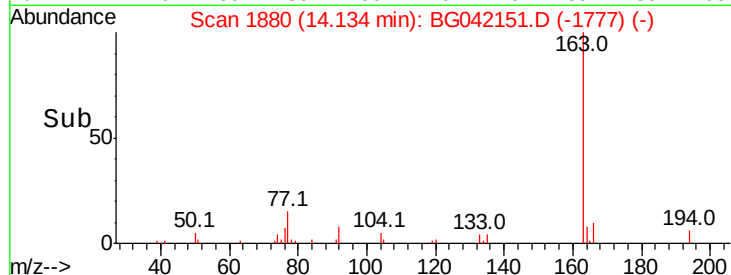
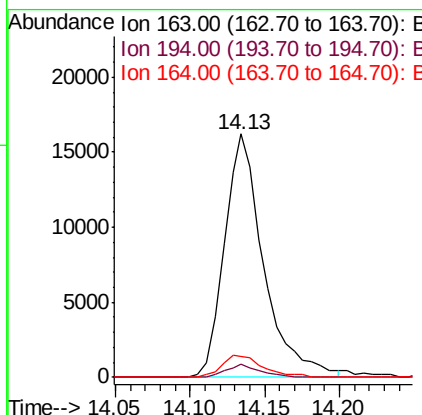
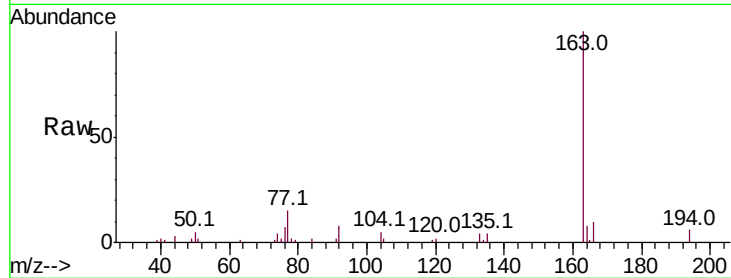
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Dimethylphthalate
Concen: 1.631 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Instrument :
BNA_G
ClientSampleId :
BEP69DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.2	6.2
164	8.4	7.8	11.8

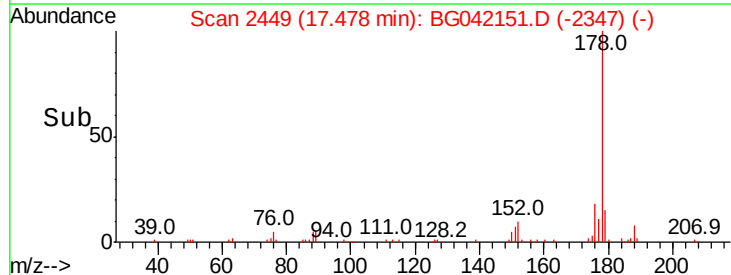
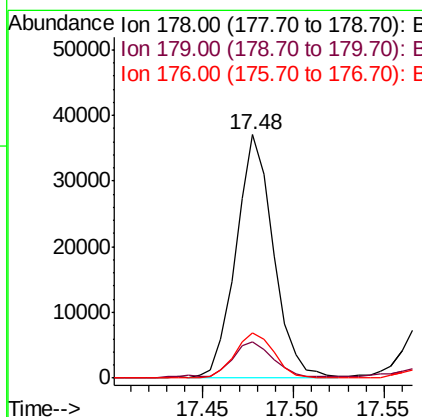
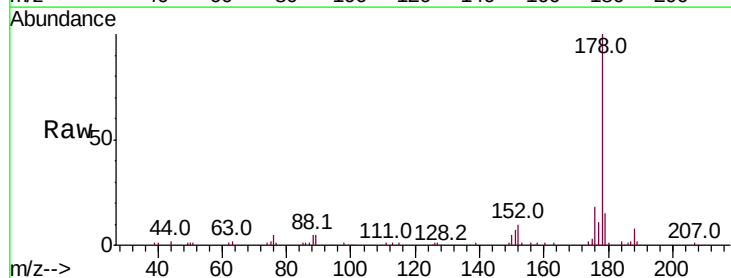
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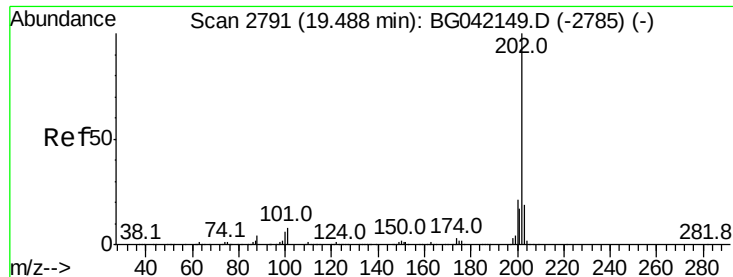
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#69
Phenanthrene
Concen: 1.986 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.8	19.2
176	18.3	15.4	23.2





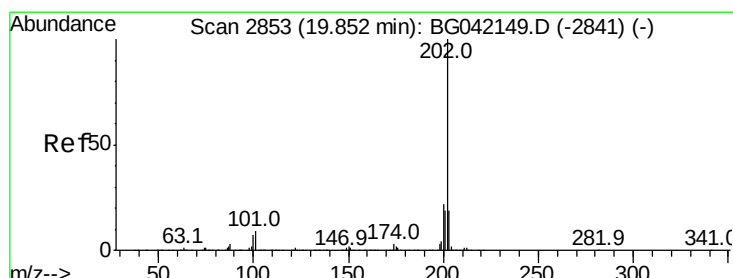
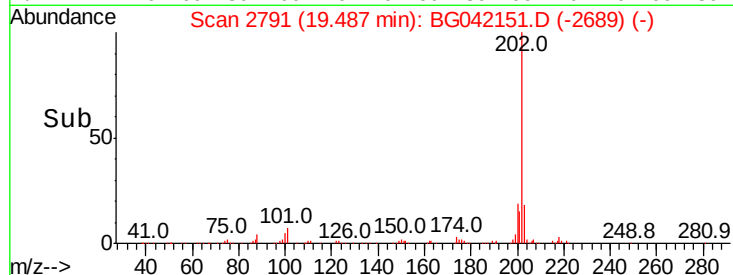
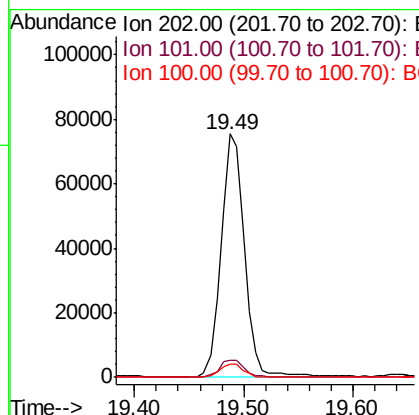
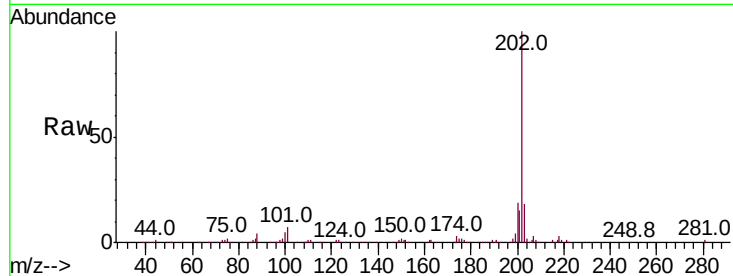
#76
Fluoranthene
Concen: 3.633 ng/ul m
RT: 19.49 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Instrument :
BNA_G
ClientSampleId :
BEP69DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.1	6.7	10.1	
100	5.2	5.3	7.9	

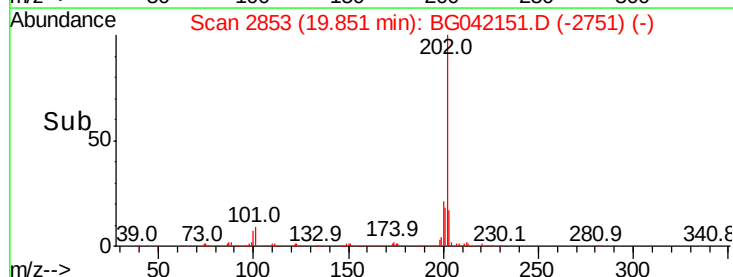
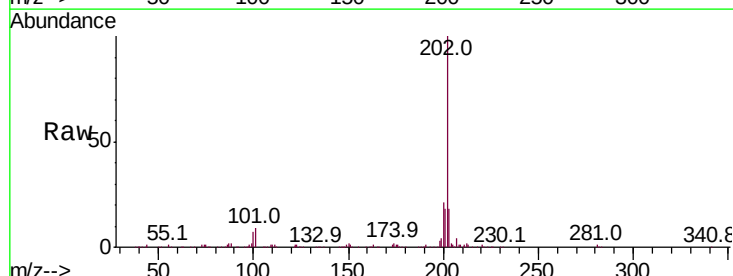
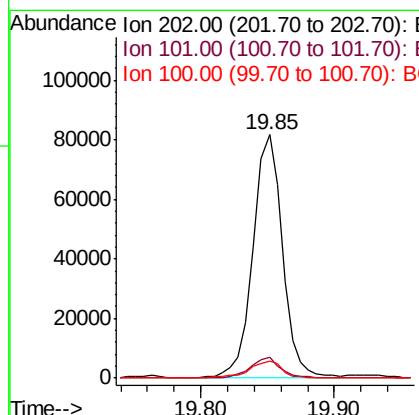
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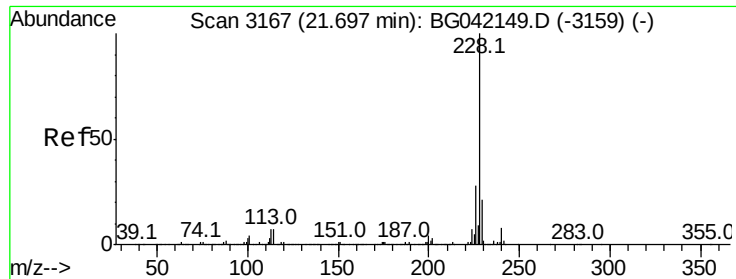
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#79
Pyrene
Concen: 3.833 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.7	7.6	11.4	
100	7.2	6.5	9.7	





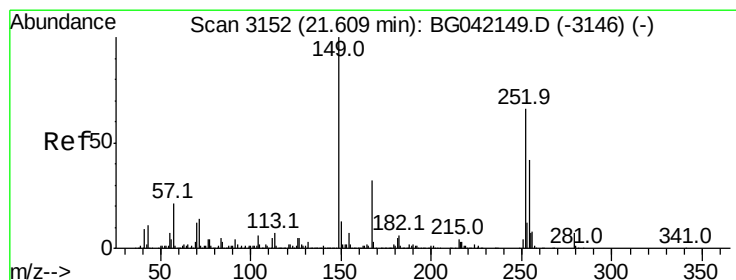
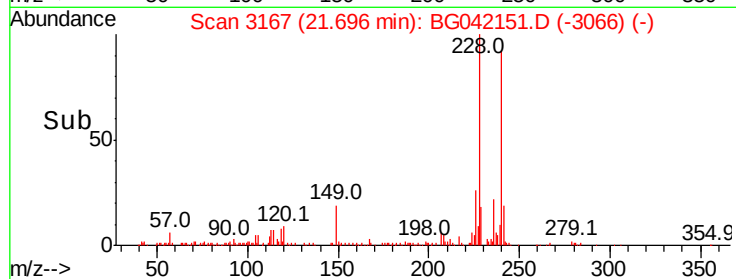
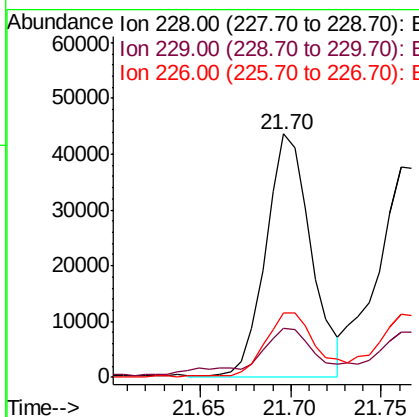
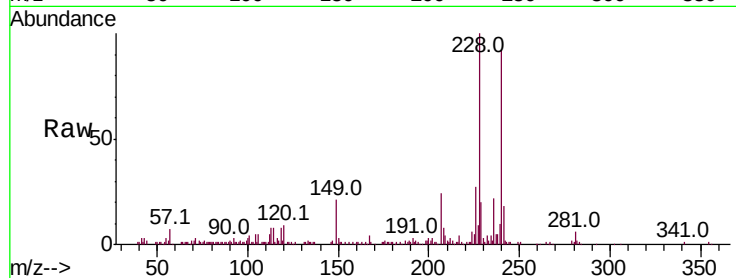
#82
 Benzo(a)anthracene
 Concen: 2.280 ng/ul
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG042151.D
 Acq: 12 Aug 2019 18:22

Instrument :
 BNA_G
 ClientSampleID :
 BEP69DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	20.3	17.0	25.6		
226	26.7	23.3	34.9		

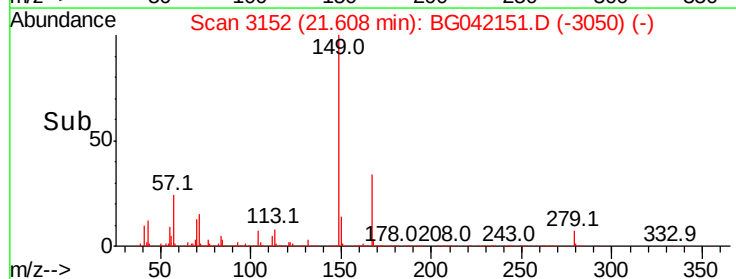
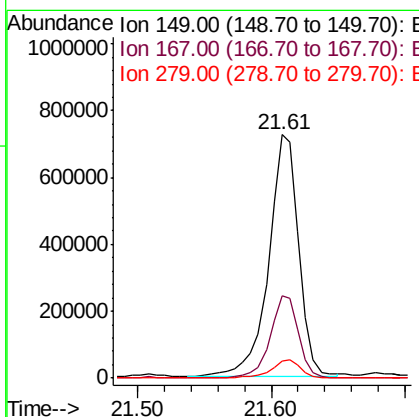
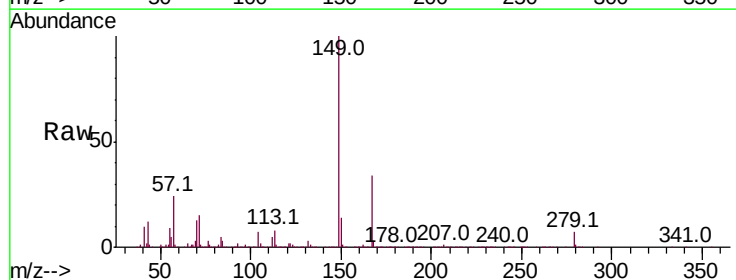
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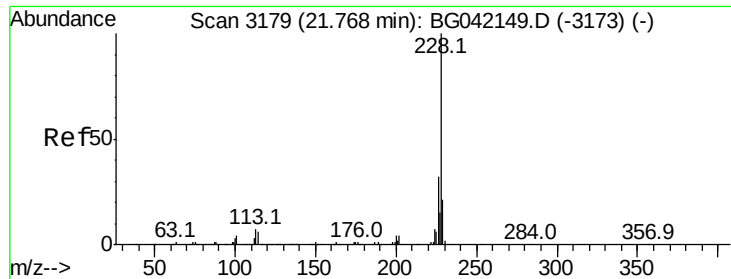
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.899 ng/ul
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG042151.D
 Acq: 12 Aug 2019 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	33.9	25.0	37.4		
279	7.1	5.2	7.8		





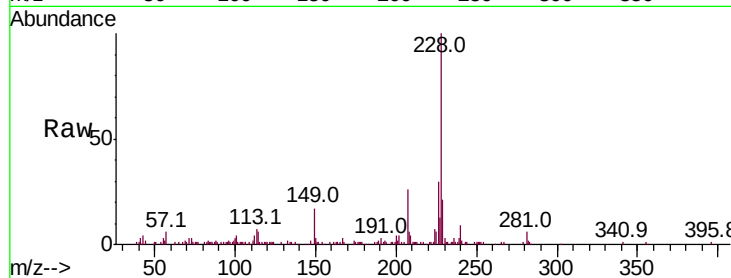
#84
Chrysene
Concen: 2.482 ng/ul
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Instrument :
BNA_G
ClientSampleID :
BEP69DL

Tot Ion:	228	Resp:	76915
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.7	38.5
229	21.3	16.6	24.8

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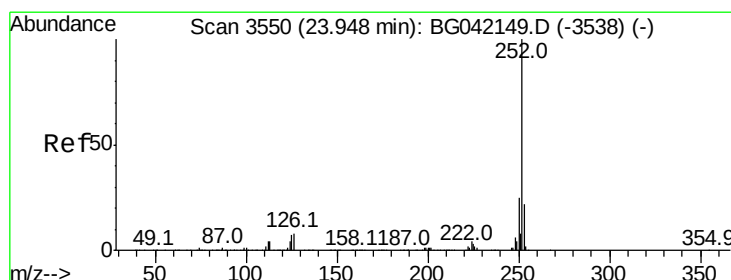
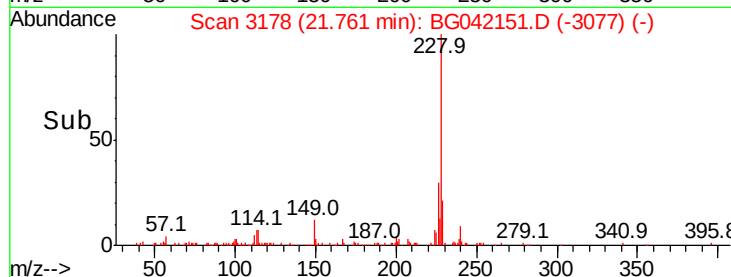
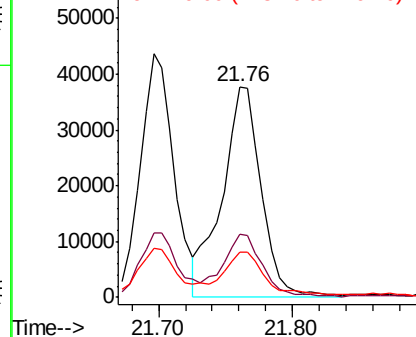


Abundance

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: 2.140 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

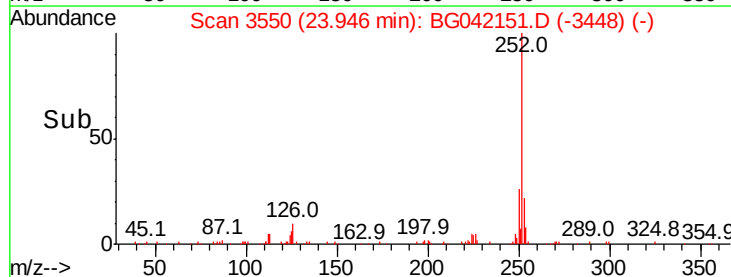
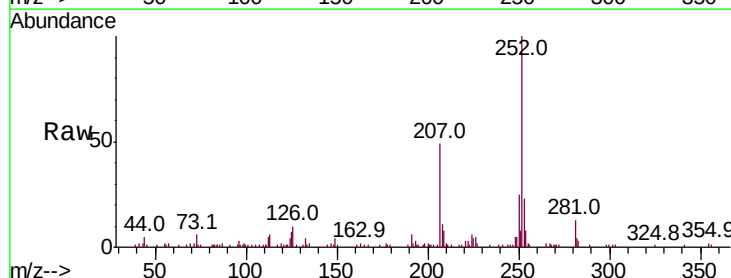
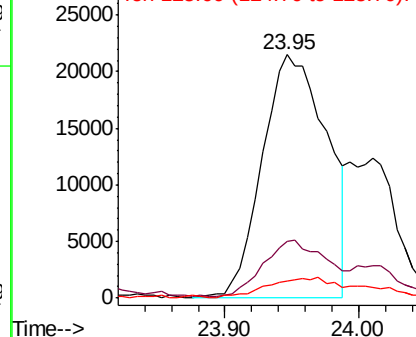
Tgt Ion:	252	Resp:	72320
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.4	27.6
125	6.9	5.8	8.8

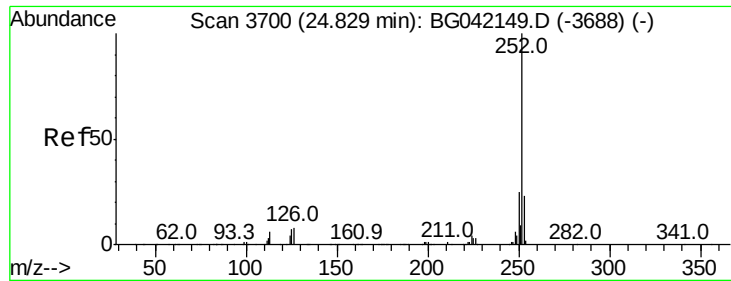
Abundance

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: 2.060 ng/ul m

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

Instrument :

BNA_G

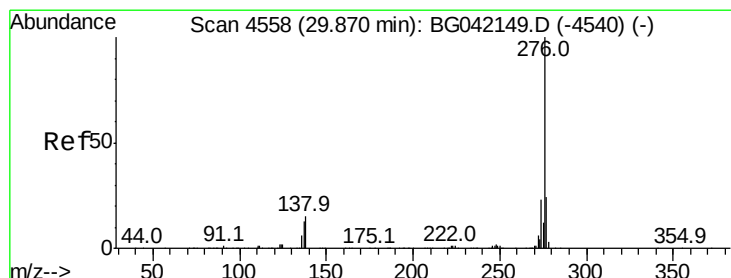
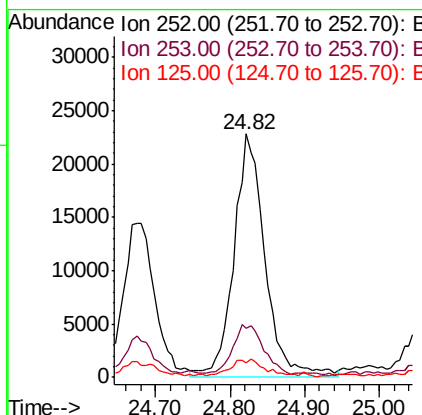
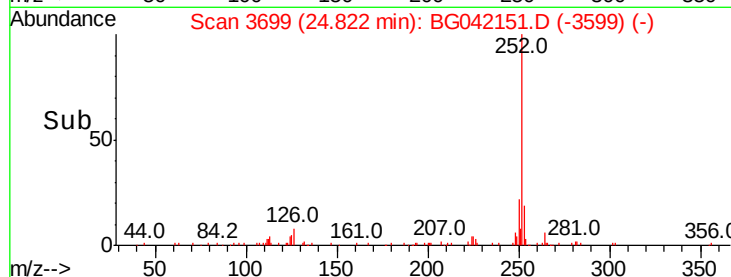
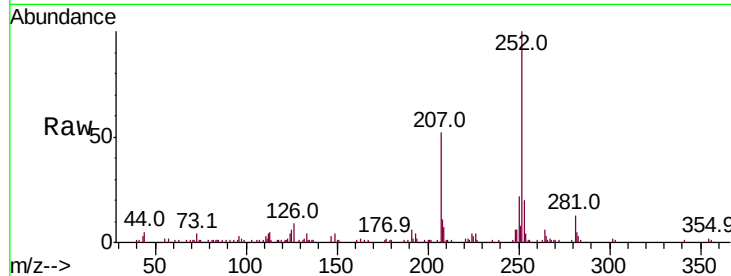
ClientSampleId :

BEP69DL

Tot Ion:	252	Resp:	66352
Ion Ratio	Lower	Upper	
252	100		
253	20.1	18.3	27.5
125	6.1	6.5	9.7#

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 1.123 ng/ul m

RT: 29.87 min Scan# 4558

Delta R.T. -0.01 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

Tgt Ion:	276	Resp:	35219
Ion Ratio	Lower	Upper	
276	100		
138	13.8	12.6	18.8
277	24.1	19.2	28.8

