

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
 Data File : BG042150.D
 Acq On : 12 Aug 2019 17:43
 Operator : HP/JU
 Sample : K4028-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP68DL

Quant Time: Aug 13 11:40:54 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	87801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	362533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	253520	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	523210	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	513450	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	583796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	575	0.29	ng/uL	0.00
5) Phenol-d5	7.18	99	15997	2.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	8629	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	15789	2.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	13115	2.27	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	7320	2.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	8126	2.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	13452	2.10	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	9575	1.35	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	61027	3.10	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	73621	3.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.91	143	1255	0.38	ng/ul	0.03
57) Fluorene-d10	15.68	176	55725	3.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	3445	1.03	ng/ul	0.00
70) Anthracene-d10	17.53	188	88772	3.54	ng/ul	0.00
78) Pyrene-d10	19.82	212	99709	3.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	103921	3.41	ng/ul	0.00

Target Compounds

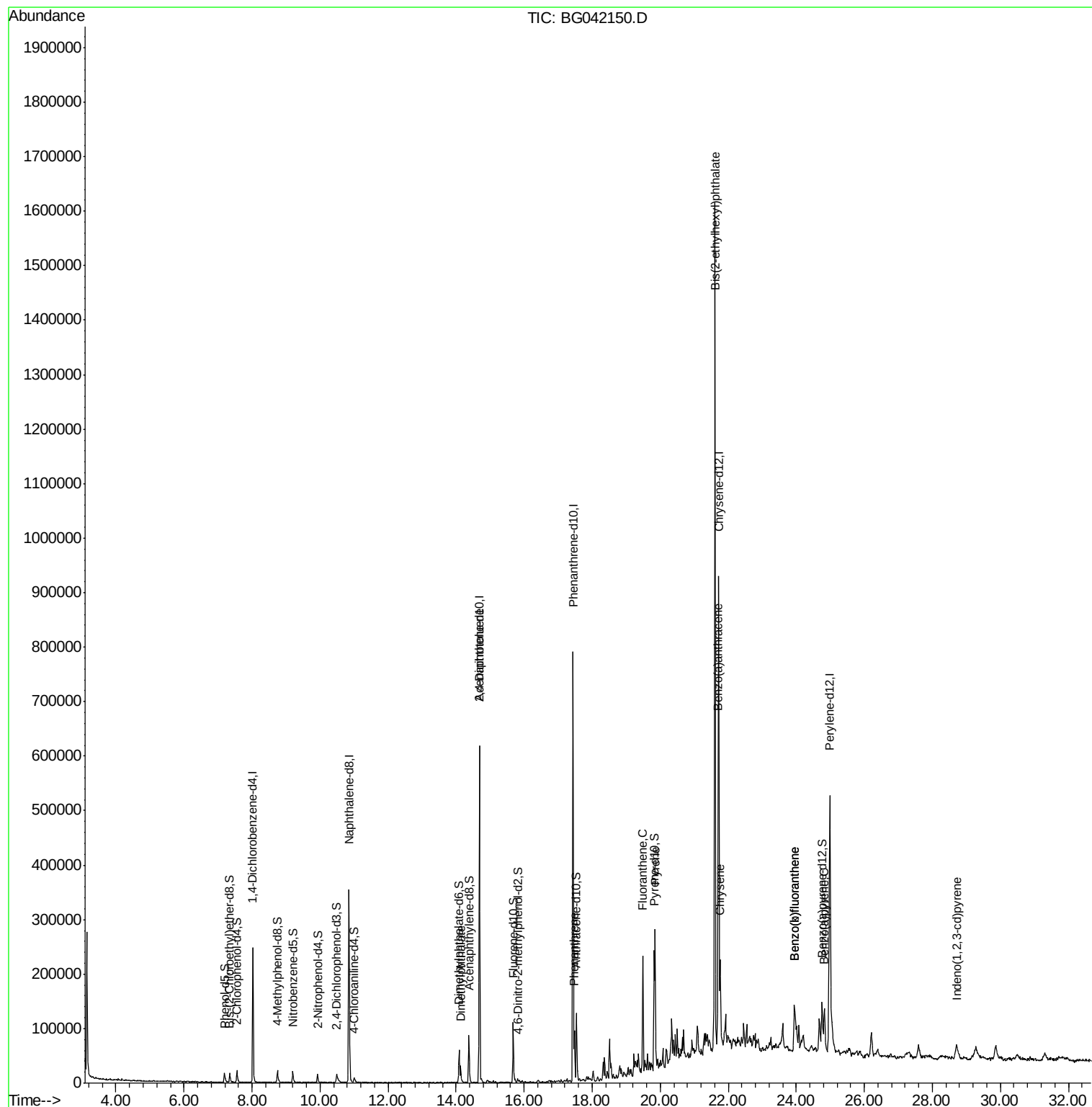
					Qvalue	
44) Dimethylphthalate	14.13	163	28903	1.480	ng/ul#	94
54) 2,4-Dinitrotoluene	14.69	165	33086	5.359	ng/ul#	44
69) Phenanthrene	17.48	178	61741	2.156	ng/ul	99
76) Fluoranthene	19.49	202	145505	4.397	ng/ul	96
79) Pyrene	19.85	202	182993	5.298	ng/ul	98
82) Benzo(a)anthracene	21.70	228	108036	3.035	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	801709	43.223	ng/ul	96
84) Chrysene	21.77	228	116631	3.510	ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	115428	3.151	ng/ul	99
88) Benzo(k)fluoranthene	23.95	252	115428	3.277	ng/ul	99
90) Benzo(a)pyrene	24.83	252	96510	2.764	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.70	276	44527	1.093	ng/ul	93

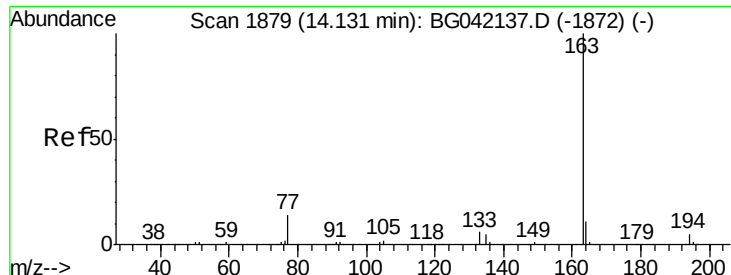
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.480 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_G

ClientSampleId :

BEP68DL

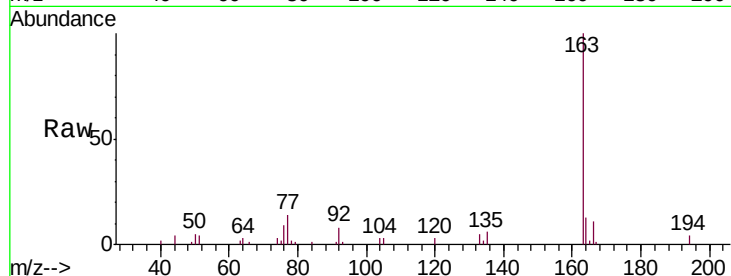
Tgt Ion:163 Resp: 28903

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

164 12.5 7.8 11.8#

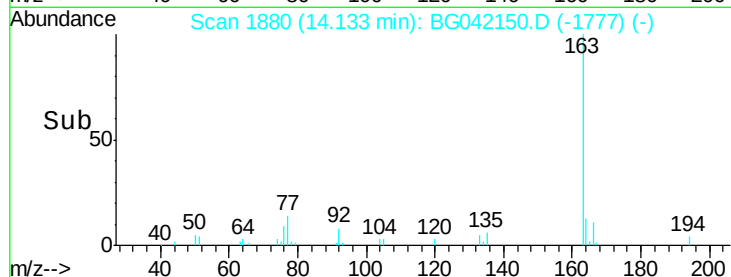


Abundance Ion 163.00 (162.70 to 163.70): E

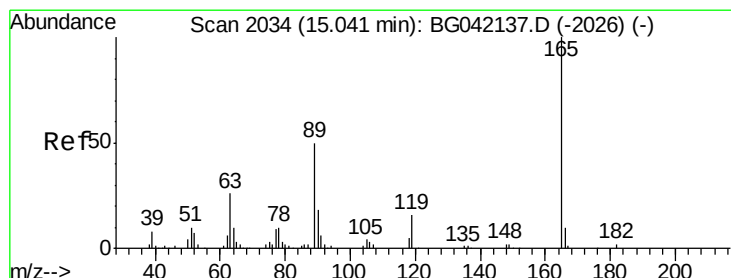
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#54

2,4-Dinitrotoluene

Concen: 5.359 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.36 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

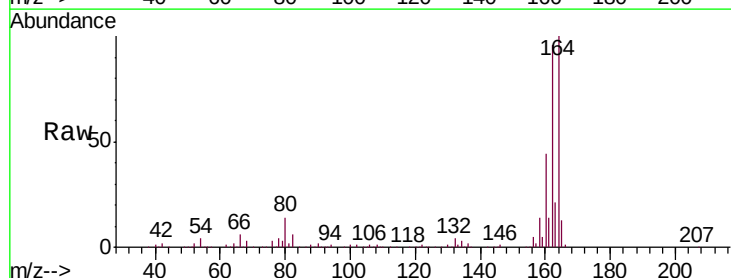
Tgt Ion:165 Resp: 33086

Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

182 0.0 2.6 4.0#

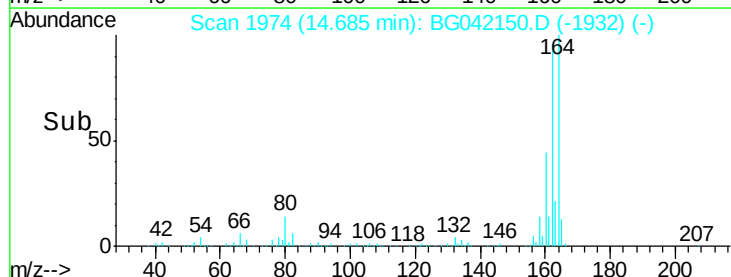


Abundance Ion 165.00 (164.70 to 165.70): E

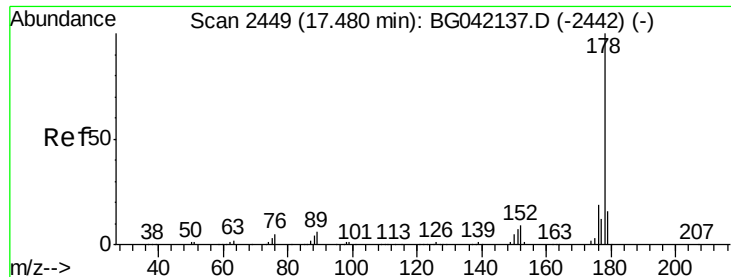
Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#69

Phenanthrene

Concen: 2.156 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_G

ClientSampled :

BEP68DL

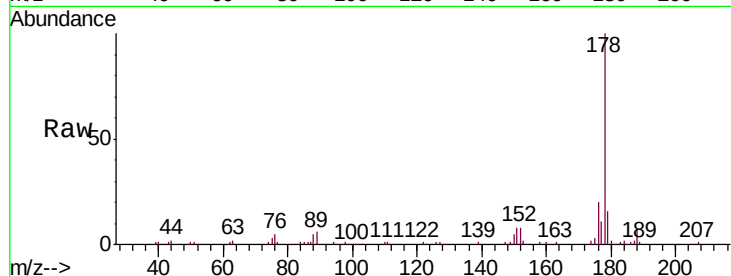
Tgt Ion:178 Resp: 61741

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

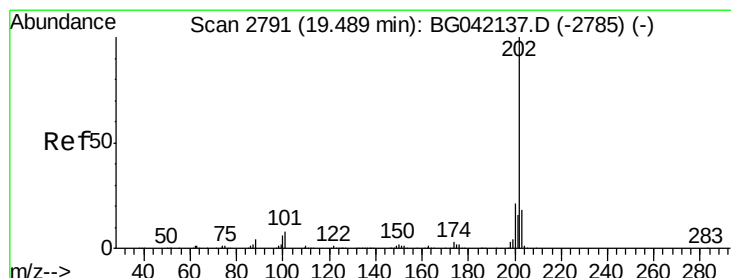
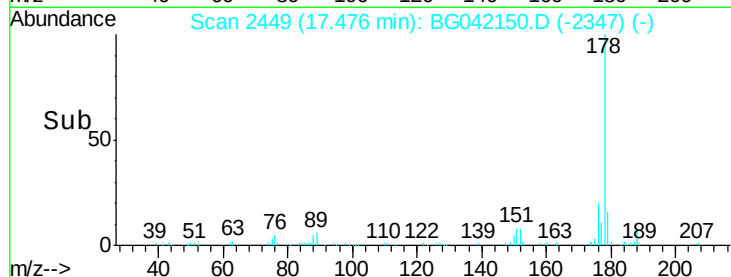
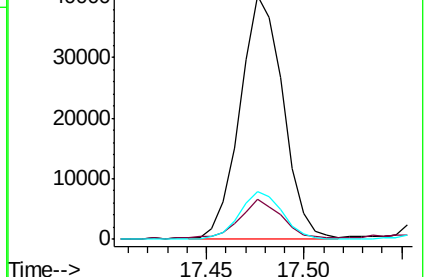
176 19.6 15.4 23.2



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



#76

Fluoranthene

Concen: 4.397 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

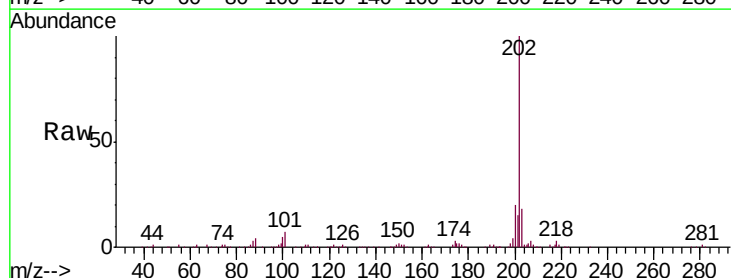
Tgt Ion:202 Resp: 145505

Ion Ratio Lower Upper

202 100

101 6.8 6.7 10.1

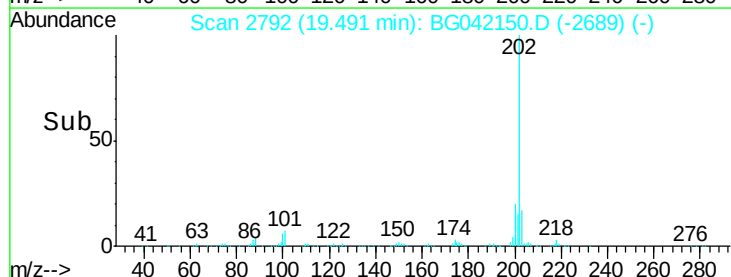
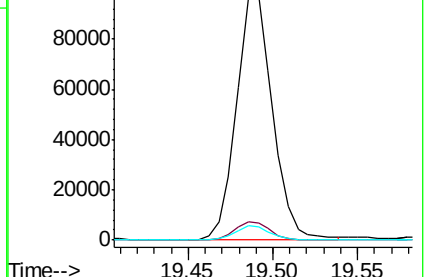
100 5.5 5.3 7.9

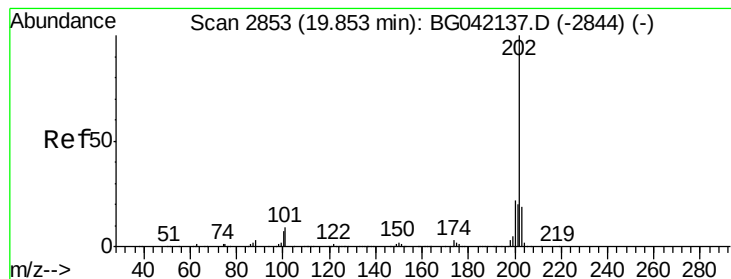


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 5.298 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_G

ClientSampleId :

BEP68DL

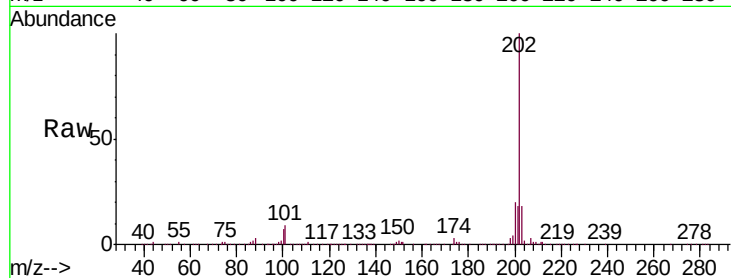
Tgt Ion:202 Resp: 182993

Ion Ratio Lower Upper

202 100

101 8.6 7.6 11.4

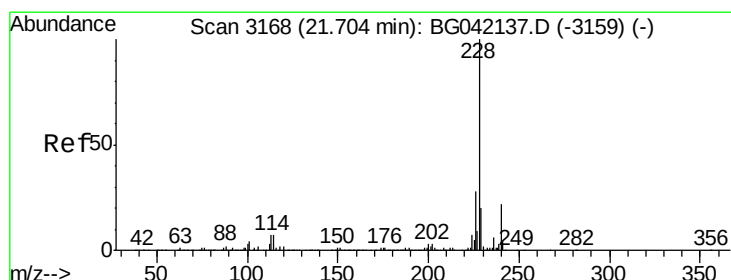
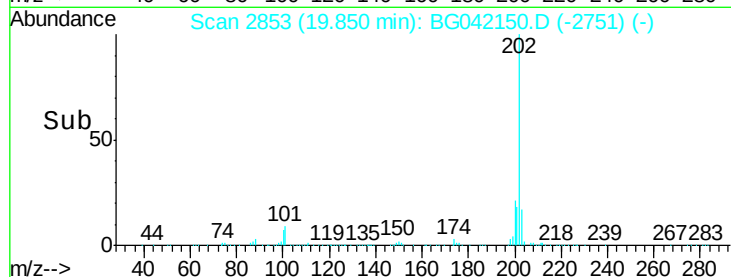
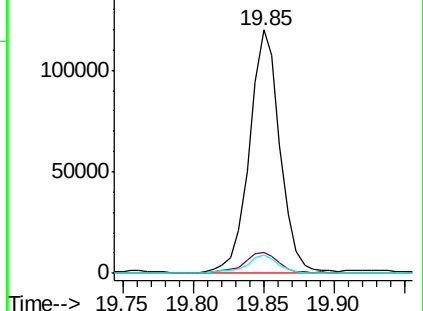
100 7.3 6.5 9.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82

Benzo(a)anthracene

Concen: 3.035 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

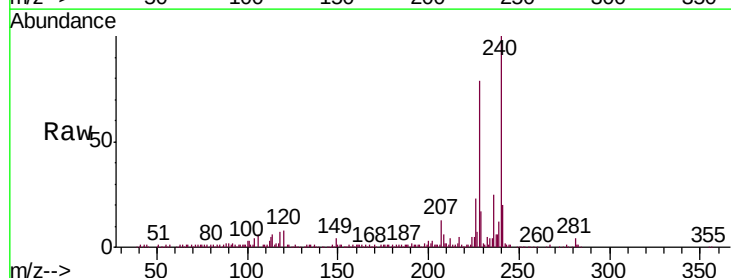
Tgt Ion:228 Resp: 108036

Ion Ratio Lower Upper

228 100

229 21.8 17.0 25.6

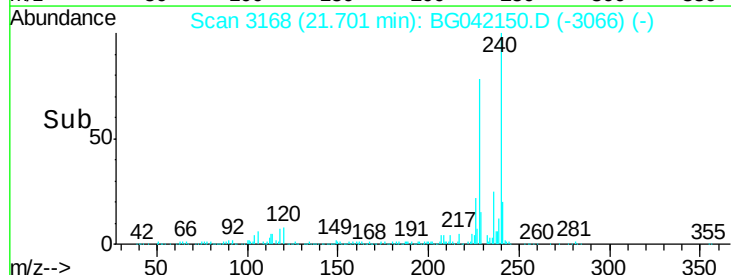
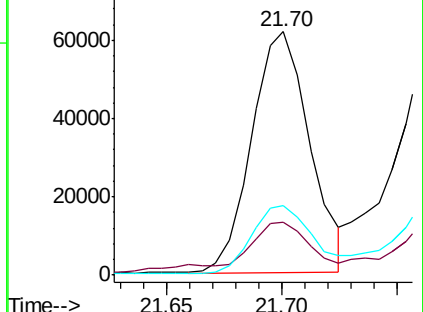
226 28.7 23.3 34.9

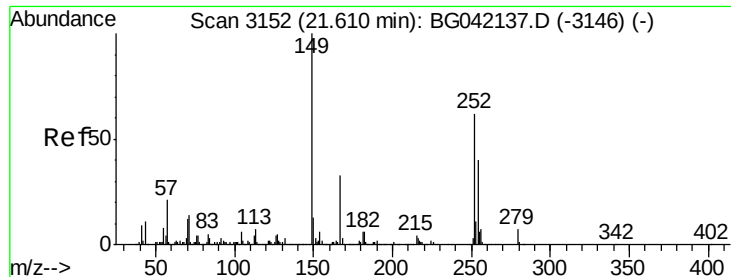


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

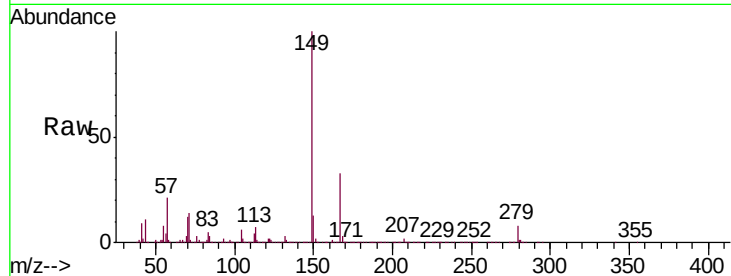




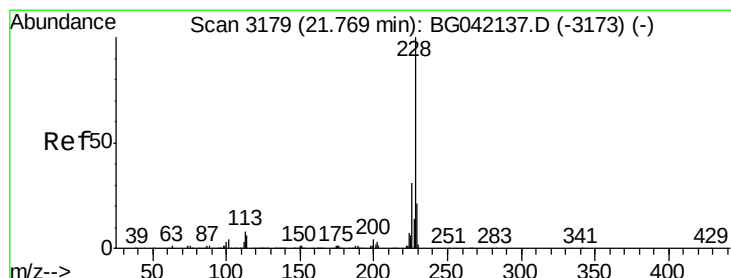
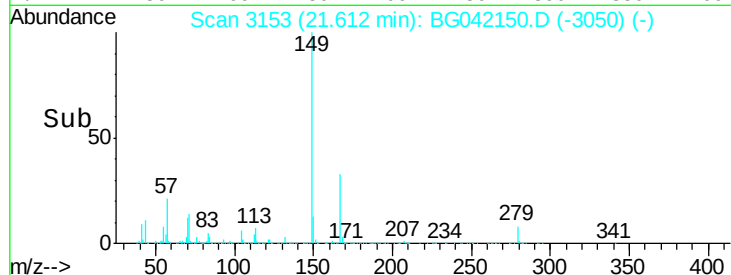
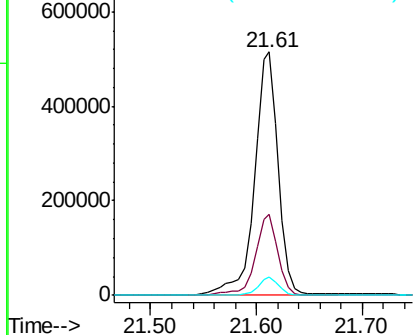
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.223 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042150.D
 Acq: 12 Aug 2019 17:43

Instrument :
 BNA_G
 ClientSampleId :
 BEP68DL

Tgt Ion:149 Resp: 801709
 Ion Ratio Lower Upper
 149 100
 167 33.5 25.0 37.4
 279 7.7 5.2 7.8

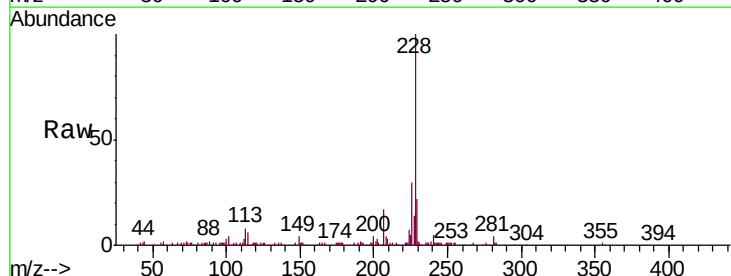


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

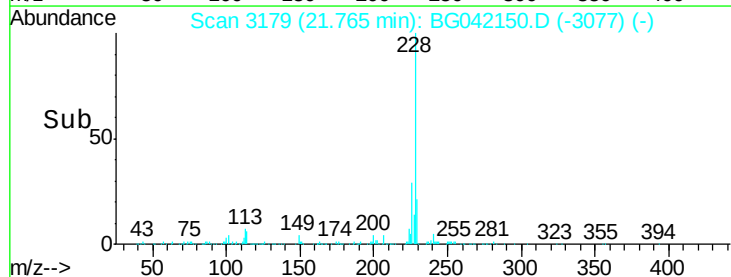
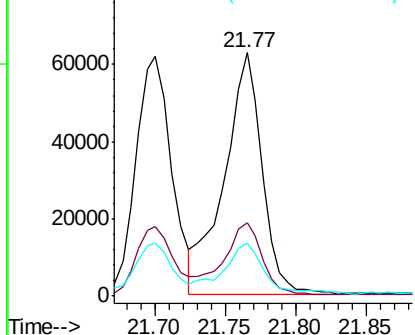


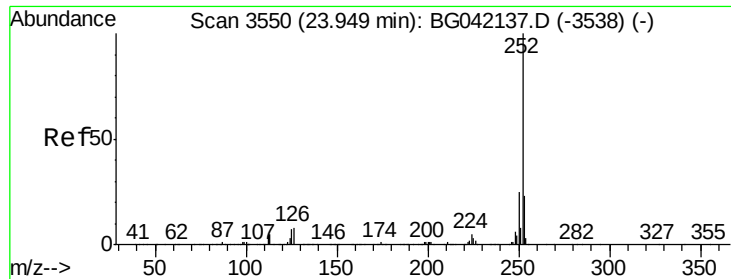
#84
 Chrysene
 Concen: 3.510 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG042150.D
 Acq: 12 Aug 2019 17:43

Tgt Ion:228 Resp: 116631
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.7 38.5
 229 21.7 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

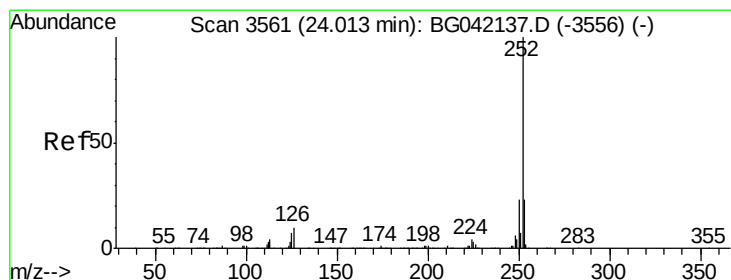
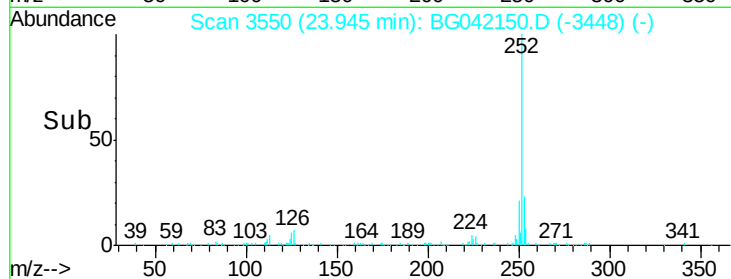
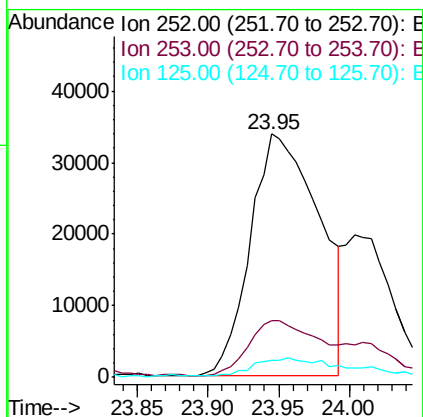
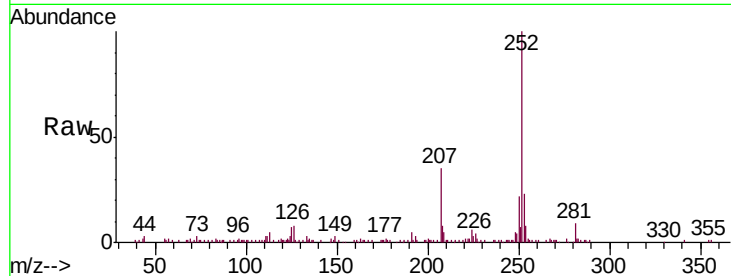




#87
Benzo(b)fluoranthene
Concen: 3.151 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

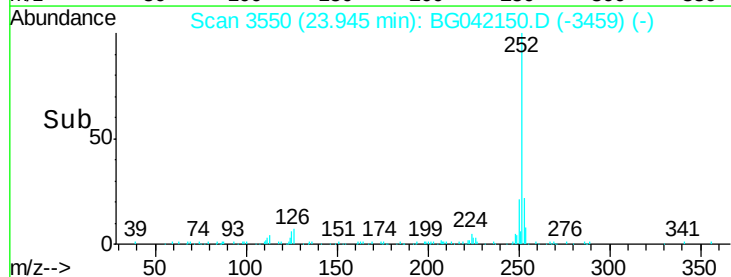
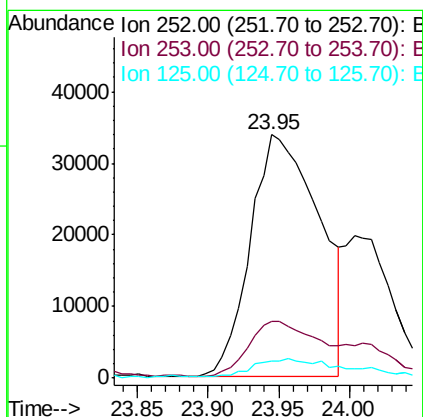
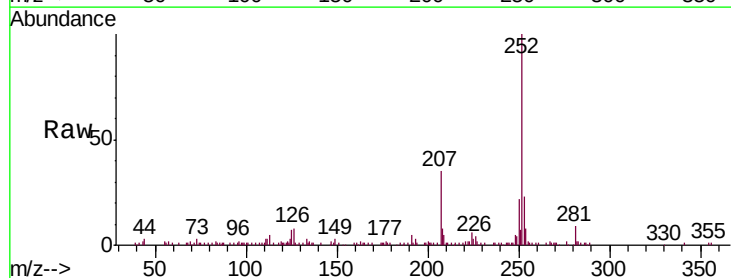
Instrument :
BNA_G
ClientSampleId :
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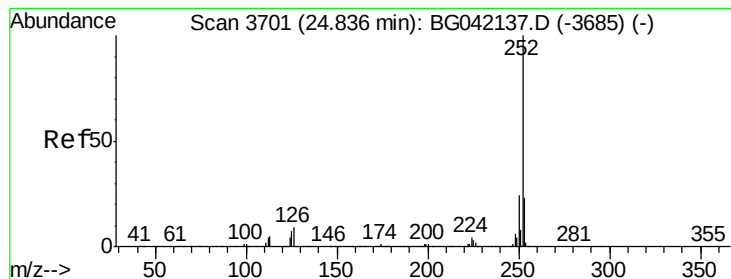
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	6.8	5.8	8.8



#88
Benzo(k)fluoranthene
Concen: 3.277 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.07 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	6.8	5.5	8.3

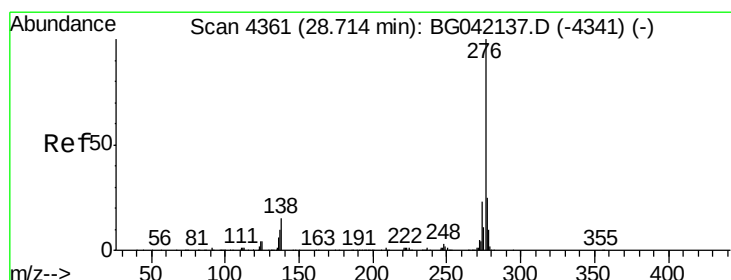
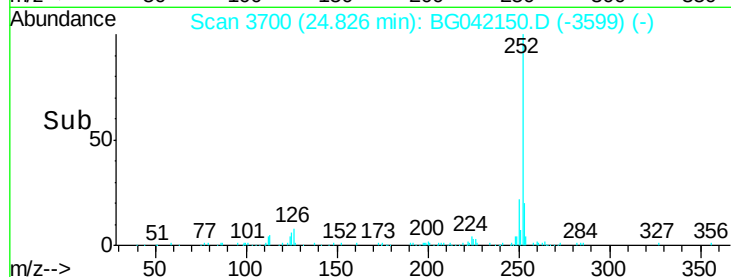
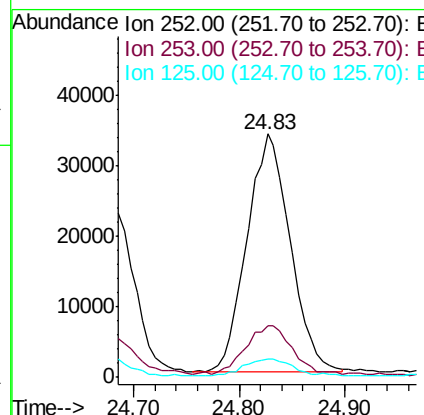
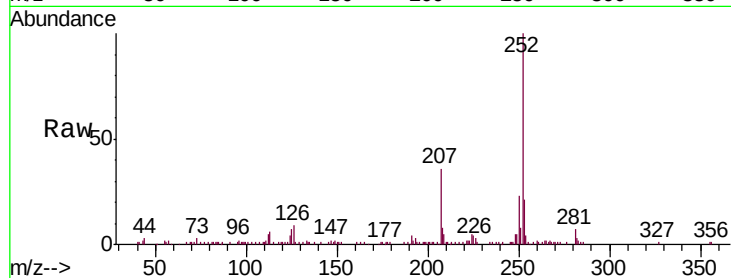




#90
Benzo(a)pyrene
Concen: 2.764 ng/ul
RT: 24.83 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_G
ClientSampleId :
BEP68DL

Tgt Ion: 252 Resp: 96510
Ion Ratio Lower Upper
252 100
253 21.0 18.3 27.5
125 7.5 6.5 9.7



#91
Indeno(1,2,3-cd)pyrene
Concen: 1.093 ng/ul
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Tgt Ion: 276 Resp: 44527
Ion Ratio Lower Upper
276 100
138 12.5 12.0 18.0
277 20.0 19.2 28.8

