

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Manual Integrations
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Quant Time: May 13 07:45:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	68667	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	365484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	230542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	475716	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	467179	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	479804	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4843	3.40	ng/uL	0.00
5) Phenol-d5	7.32	99	118134	23.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	55103	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	106911	27.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	103619	24.21	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	55942	23.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	64490m	42.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	115349	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	110139m	23.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	363832	22.47	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	484457	21.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	60878m	21.93	ng/ul	0.00
58) Fluorene-d10	15.78	176	333039	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33307	25.28	ng/ul	0.00
71) Anthracene-d10	17.64	188	471974	20.38	ng/ul	0.00
77) Pyrene-d10	19.92	212	487459	22.29	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	468178	20.54	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	67343	4.08	ng/ul	99
70) Phenanthrene	17.58	178	41951	1.61	ng/ul	99
75) Fluoranthene	19.58	202	89318	3.02	ng/ul#	96
78) Pyrene	19.94	202	74237	2.75	ng/ul	96
81) Benzo(a)anthracene	21.81	228	45773	1.76	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	49940	5.12	ng/ul#	97
83) Chrysene	21.87	228	52813m	2.05	ng/ul	
86) Benzo(b)fluoranthene	24.10	252	78863	2.87	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	49380	1.81	ng/ul#	89
90) Indeno(1,2,3-cd)pyrene	28.98	276	37296	1.15	ng/ul#	91
92) Benzo(g,h,i)perylene	30.18	276	35604m	1.33	ng/ul	

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

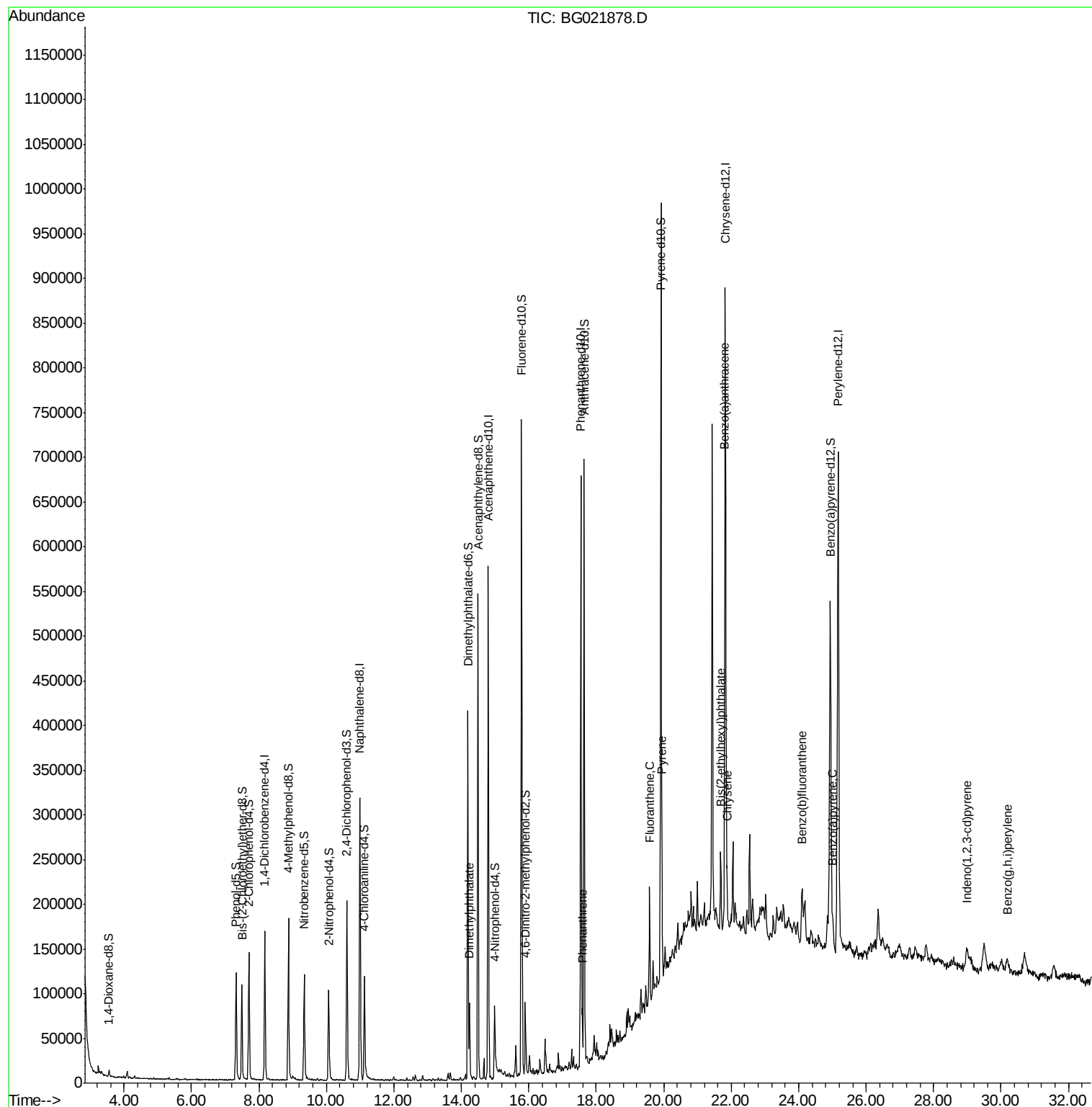
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

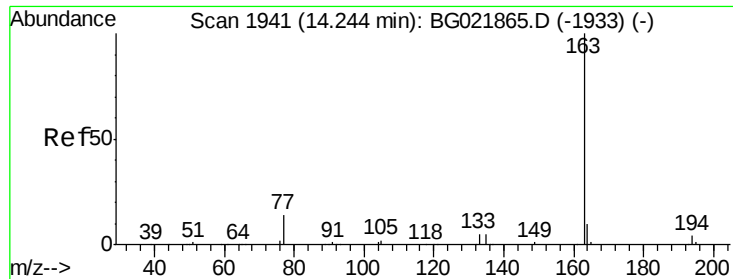
Instrument :
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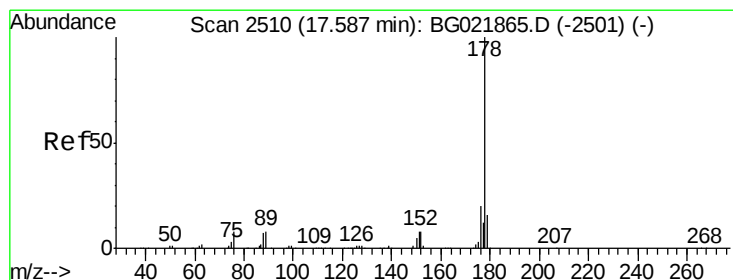
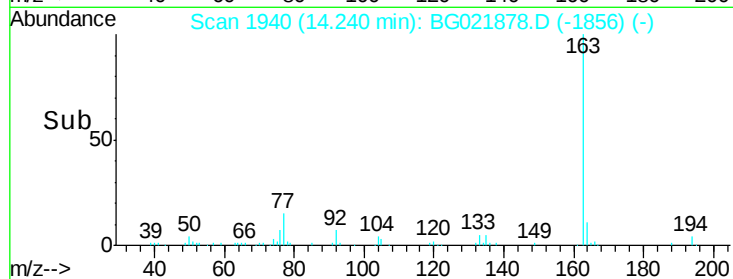
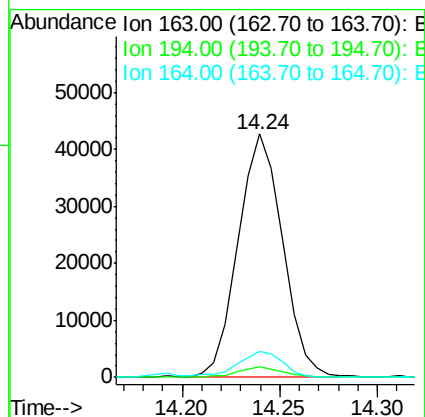
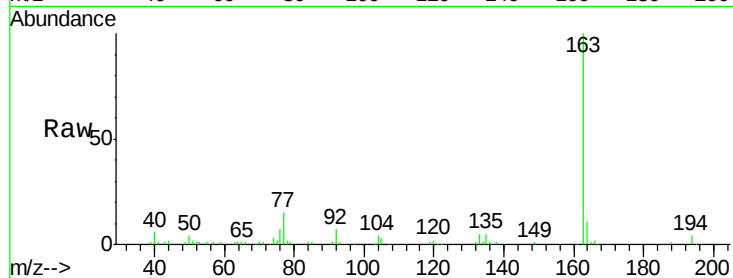
#45
Dimethylphthalate
Concen: 4.08 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG021878.D
Acq: 12 May 2016 21:15

Instrument :
BNA_G
ClientSampleId :
D9WK5

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	67343		
194	4.2		3.9	5.9
164	10.6		8.7	13.1

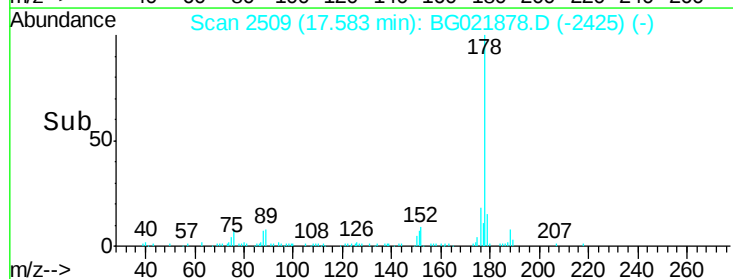
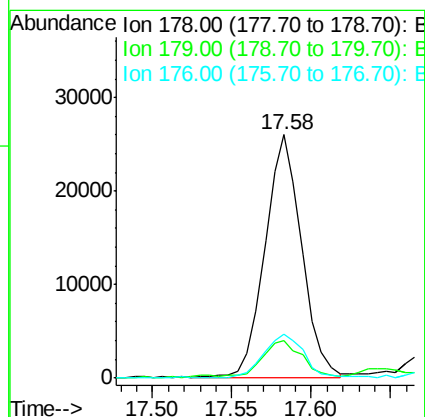
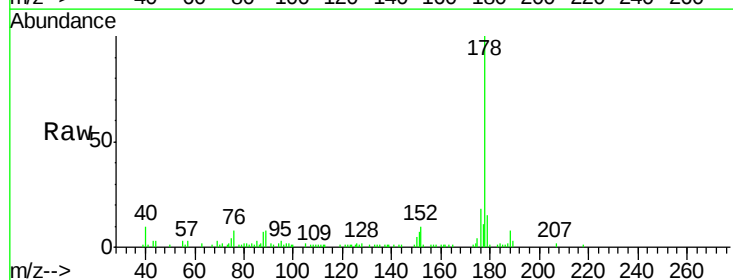
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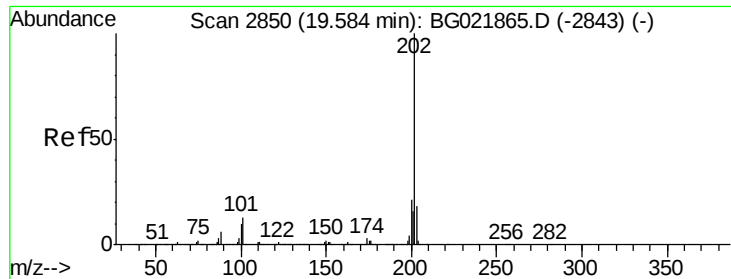
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#70
Phenanthrene
Concen: 1.61 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BG021878.D
Acq: 12 May 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	41951		
179	15.4		11.8	17.8
176	17.9		14.8	22.2





#75

Fluoranthene

Concen: 3.02 ng/ul

RT: 19.58 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

Instrument :

BNA_G

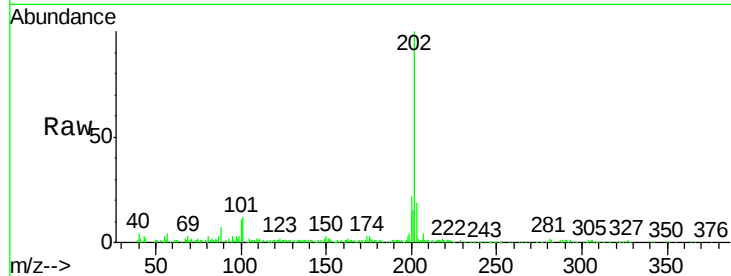
ClientSampleId :

D9WK5

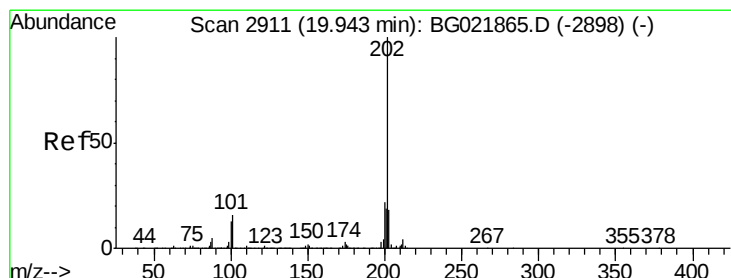
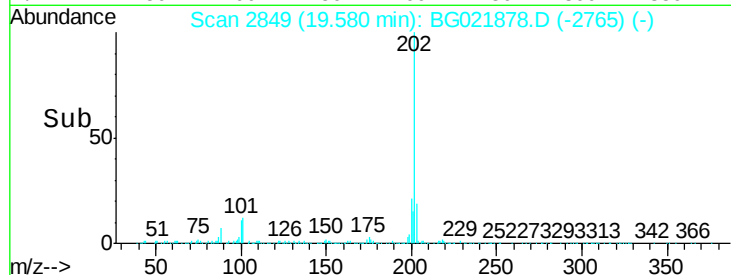
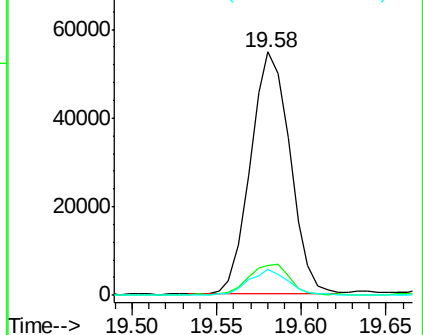
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	8.9	13.3
100	10.7	7.0	10.4

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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): B



#78

Pyrene

Concen: 2.75 ng/ul

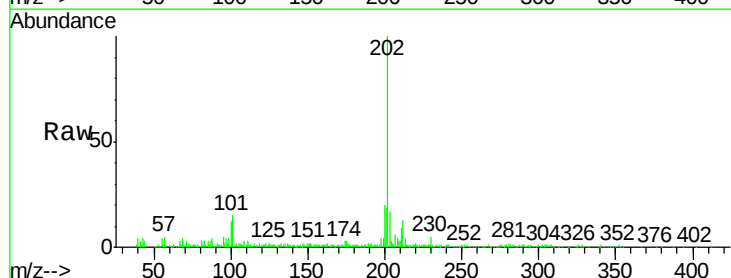
RT: 19.94 min Scan# 2911

Delta R.T. 0.00 min

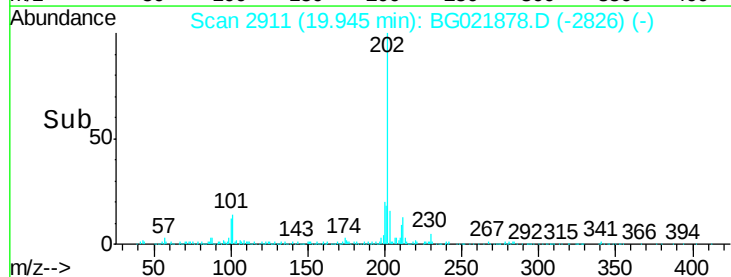
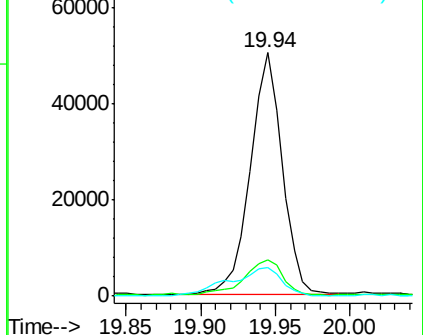
Lab File: BG021878.D

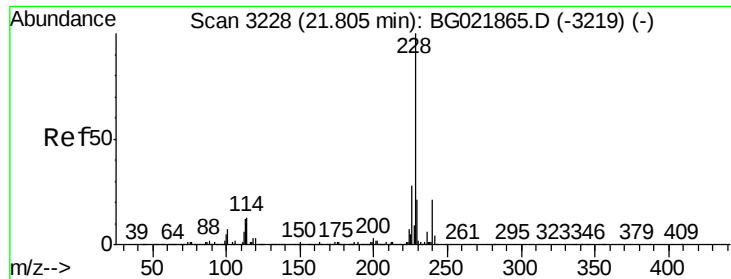
Acq: 12 May 2016 21:15

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	9.8	14.8
100	12.0	9.3	13.9



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): B





#81

Benzo(a)anthracene

Concen: 1.76 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG021878.D

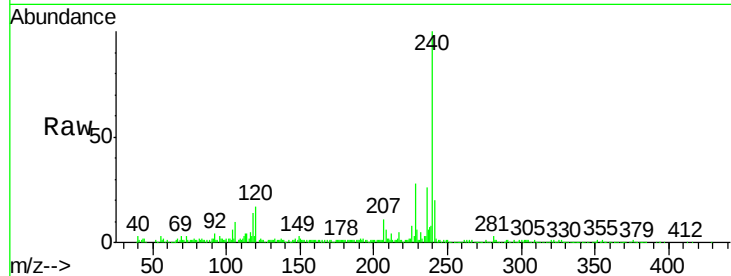
Acq: 12 May 2016 21:15

Instrument :

BNA_G

ClientSampleId :

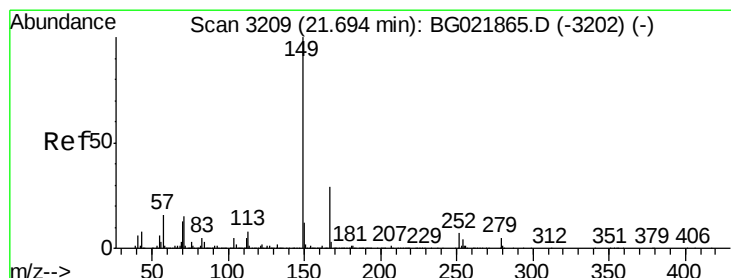
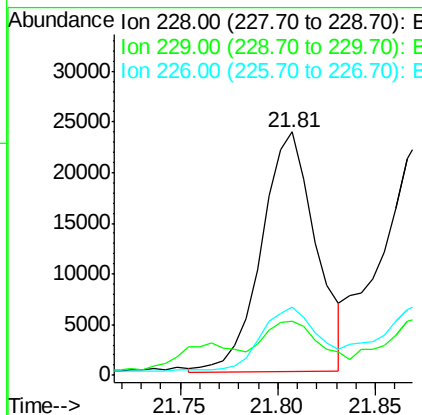
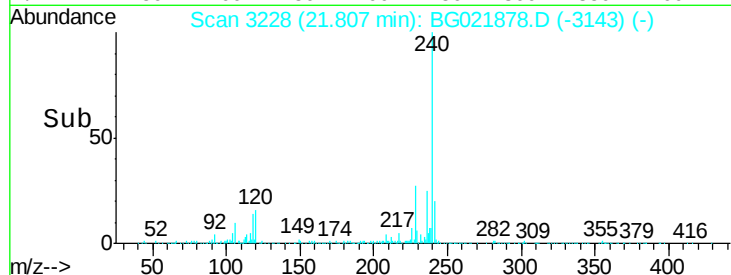
D9WK5



Tgt Ion:	228	Resp:	45773
Ion Ratio	Lower	Upper	
228	100		
229	22.2	16.6	25.0
226	28.0	21.0	31.4

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#82

Bis(2-ethylhexyl)phthalate

Concen: 5.12 ng/ul

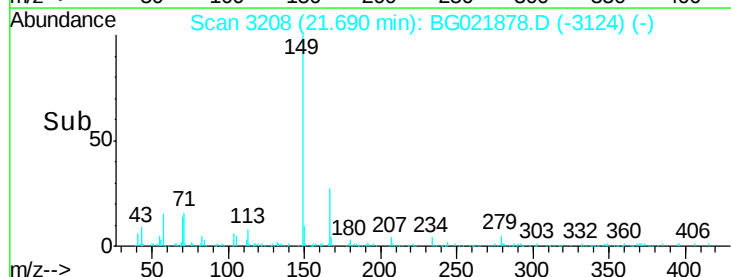
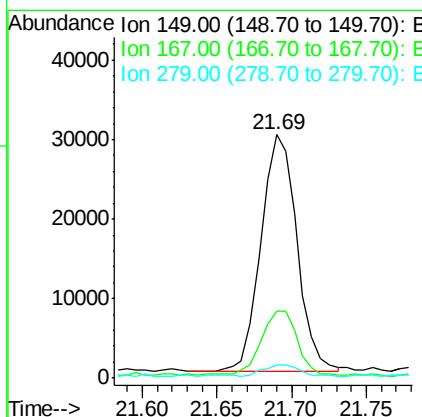
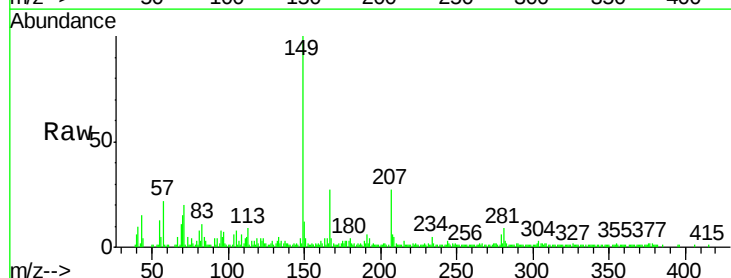
RT: 21.69 min Scan# 3208

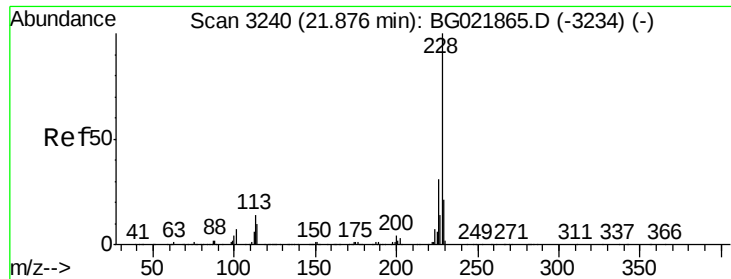
Delta R.T. -0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

Tgt Ion:	149	Resp:	49940
Ion Ratio	Lower	Upper	
149	100		
167	27.3	20.5	30.7
279	5.5	3.7	5.5#





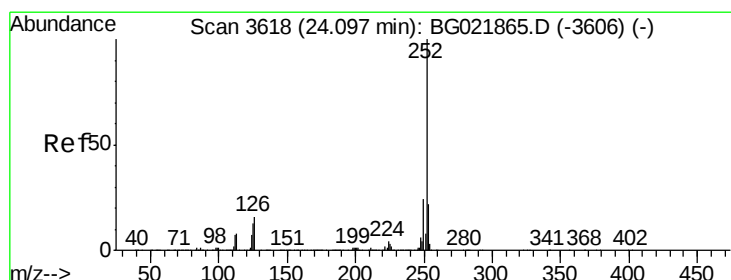
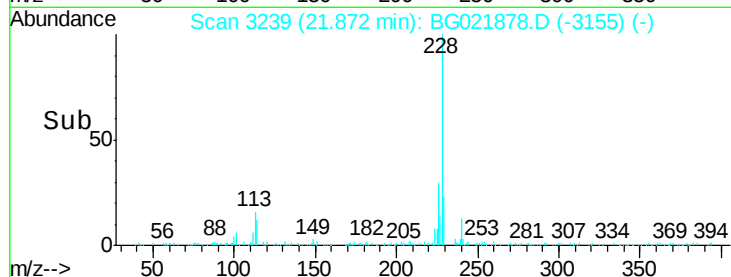
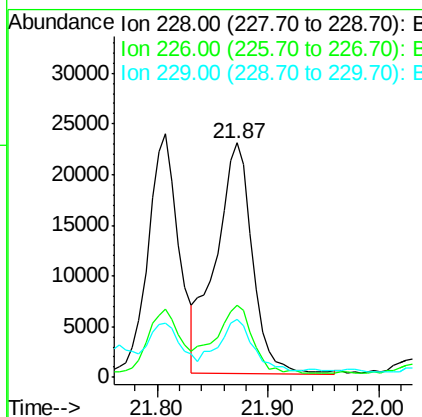
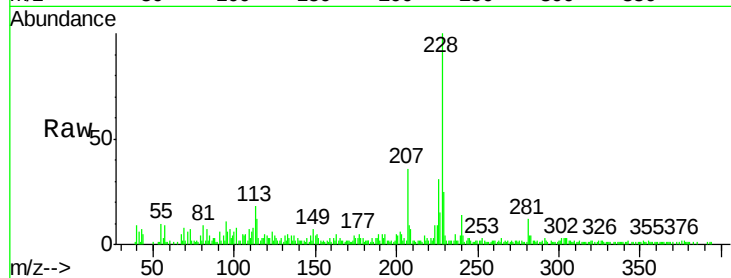
#83
Chrysene
Concen: 2.05 ng/ul m
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG021878.D
Acq: 12 May 2016 21:15

Instrument :
BNA_G
ClientSampleId :
D9WK5

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	23.4	35.2
229	24.7	16.2	24.2

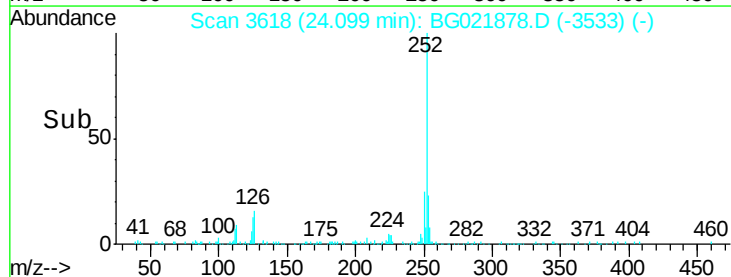
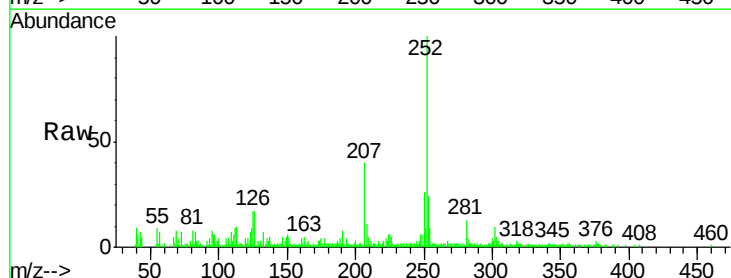
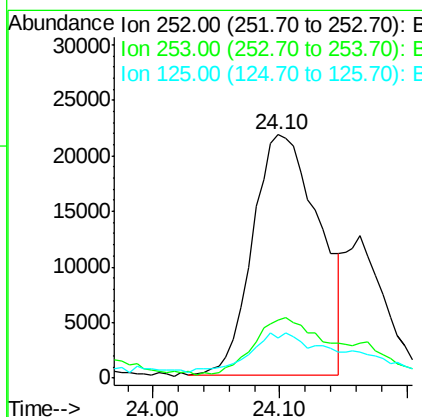
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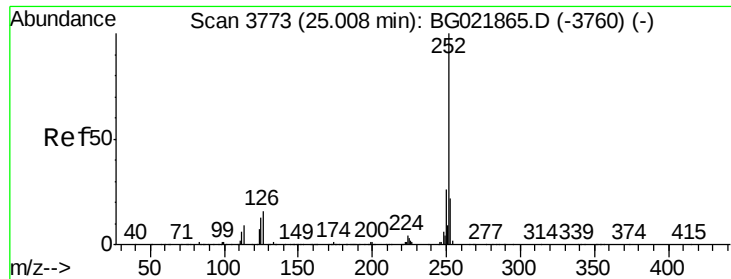
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#86
Benzo(b)fluoranthene
Concen: 2.87 ng/ul
RT: 24.10 min Scan# 3618
Delta R.T. 0.00 min
Lab File: BG021878.D
Acq: 12 May 2016 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.0	18.1	27.1
125	16.7	7.6	11.4





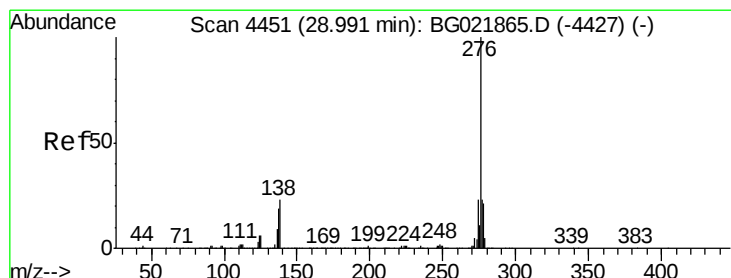
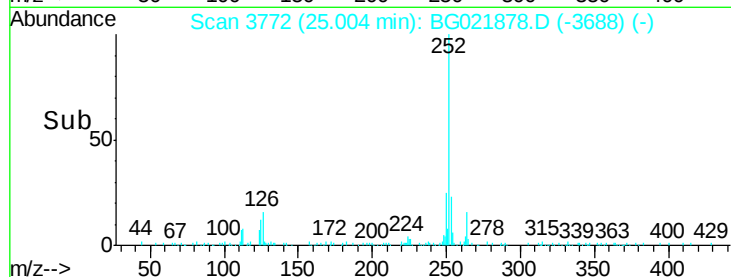
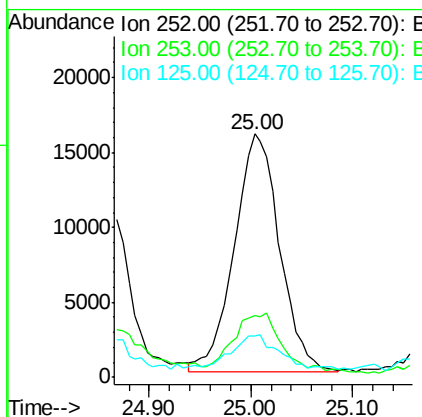
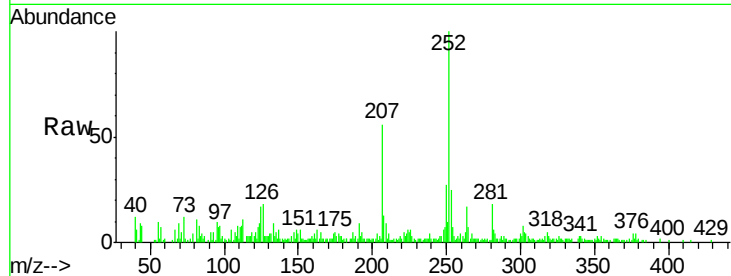
#89
Benzo(a)pyrene
Concen: 1.81 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BG021878.D
Acq: 12 May 2016 21:15

Instrument :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	17.0	8.2	12.2

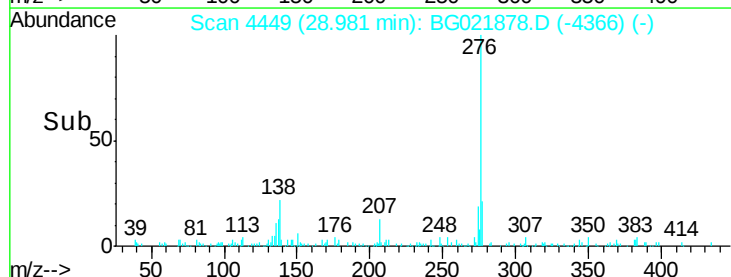
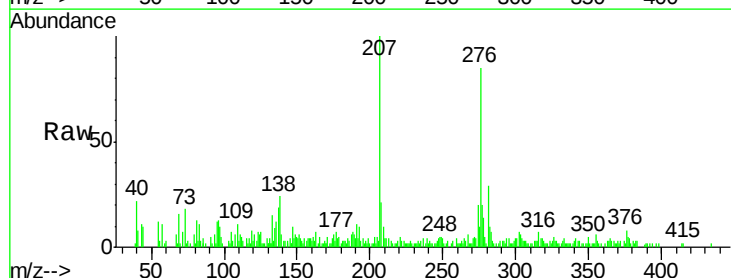
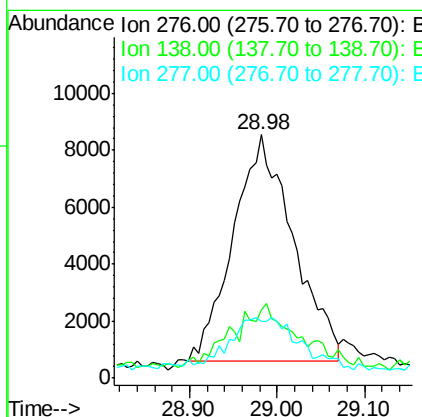
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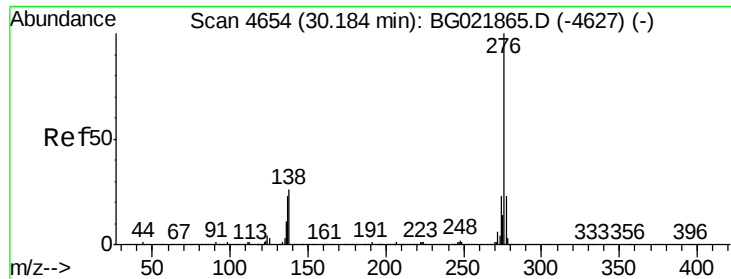
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#90
Indeno(1,2,3-cd)pyrene
Concen: 1.15 ng/ul
RT: 28.98 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG021878.D
Acq: 12 May 2016 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	15.8	23.6
277	23.2	19.0	28.6





#92
 Benzo(g,h,i)perylene
 Concen: 1.33 ng/ul m
 RT: 30.18 min Scan# 4653
 Delta R.T. -0.00 min
 Lab File: BG021878.D
 Acq: 12 May 2016 21:15

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	13.9	20.9#
277	24.9	19.8	29.6

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