

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025882.D
 Acq On : 20 Feb 2017 20:45
 Operator : SJ/MA
 Sample : I1898-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABA7

Manual Integrations
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Quant Time: Feb 21 02:33:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 02:22:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	116808	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	564537	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	360092	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	842243	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	810830	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	786529	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.38	160	632086	21.20	ng/ul	0.00
10) Fluorene-d10	15.67	176	486799	21.26	ng/ul	0.00
14) Anthracene-d10	17.51	188	735004	19.30	ng/ul	0.00
18) Pyrene-d10	19.79	212	757444	19.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	678285	19.49	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.46	178	77778m	1.73	ng/ul	
16) Fluoranthene	19.46	202	326837	6.62	ng/ul	98
19) Pyrene	19.81	202	262389	5.35	ng/ul#	94
20) Benzo(a)anthracene	21.65	228	199957m	4.38	ng/ul	
21) Chrysene	21.71	228	182463	4.19	ng/ul	97
23) Benzo(b)fluoranthene	23.86	252	286933	6.31	ng/ul#	97
24) Benzo(k)fluoranthene	23.92	252	94577m	2.15	ng/ul	
26) Benzo(a)pyrene	24.71	252	178161	4.05	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	28.51	276	138840	2.70	ng/ul	94
29) Benzo(g,h,i)perylene	29.64	276	124080m	2.92	ng/ul	

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

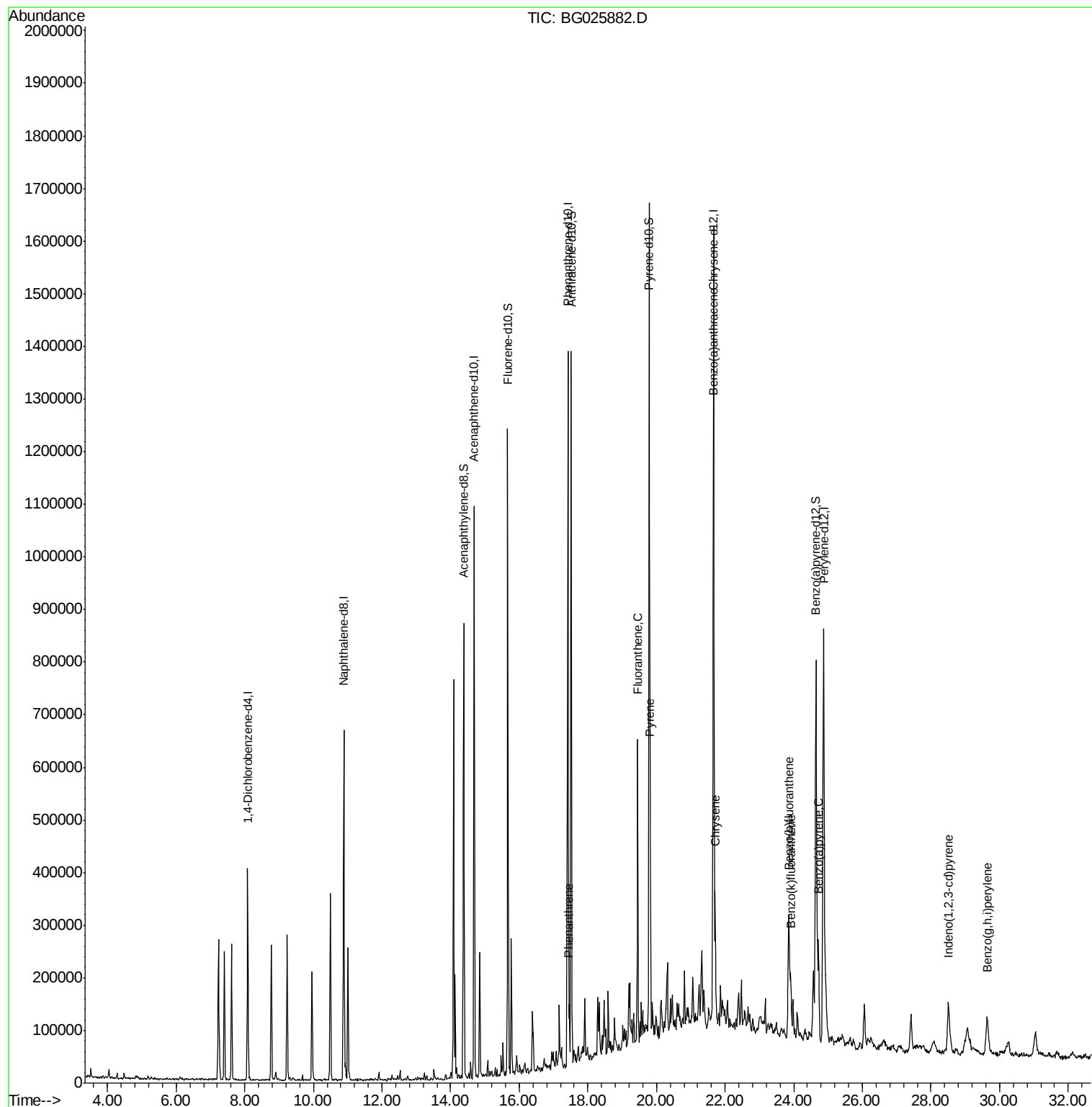
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
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Sample : I1898-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

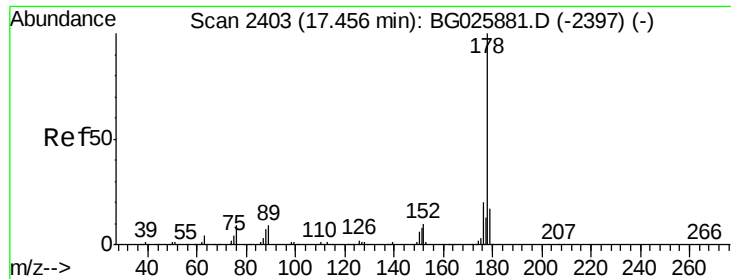
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.73 ng/ul m

RT: 17.46 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Instrument :

BNA_G

ClientSampleId :

DABA7

Tgt Ion:178 Resp: 77778

Ion Ratio Lower Upper

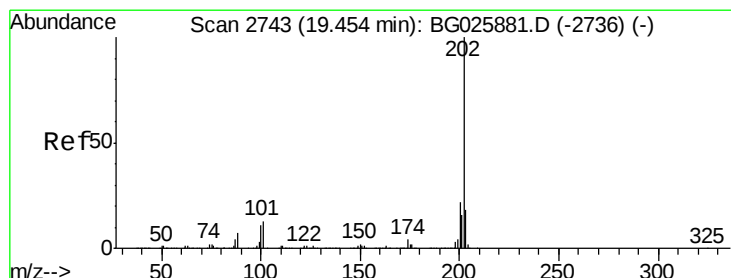
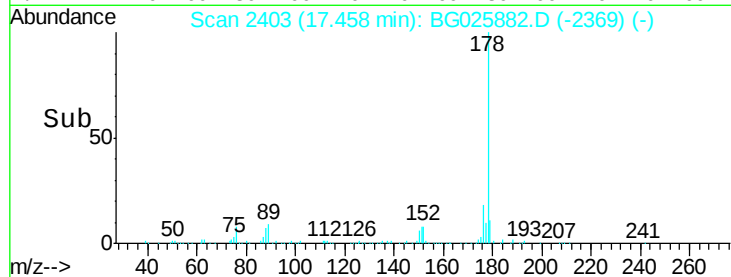
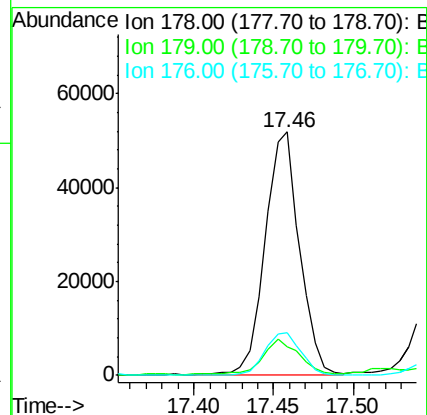
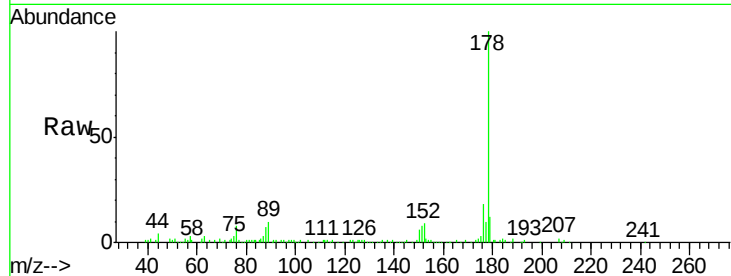
178 100

179 11.7 12.3 18.5#

176 17.6 15.1 22.7

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#16

Fluoranthene

Concen: 6.62 ng/ul

RT: 19.46 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

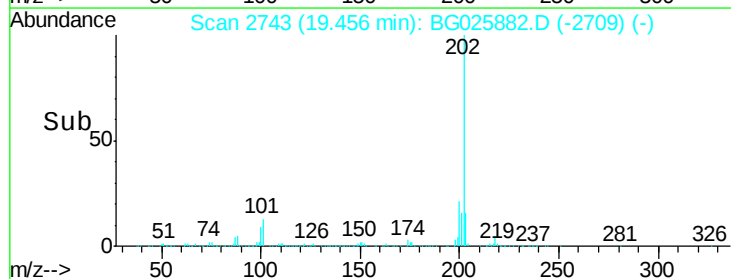
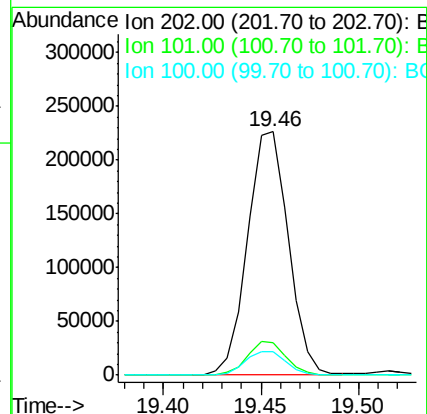
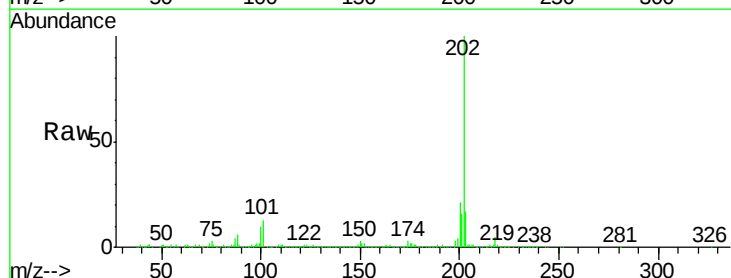
Tgt Ion:202 Resp: 326837

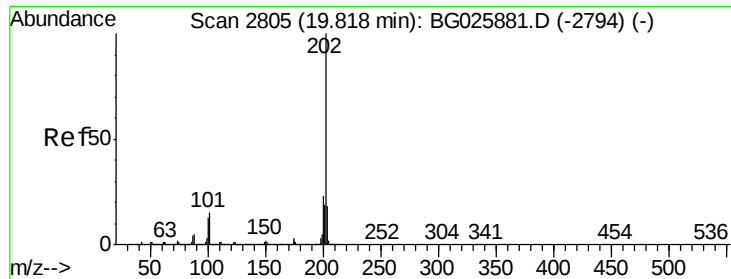
Ion Ratio Lower Upper

202 100

101 13.3 9.9 14.9

100 9.6 7.4 11.0





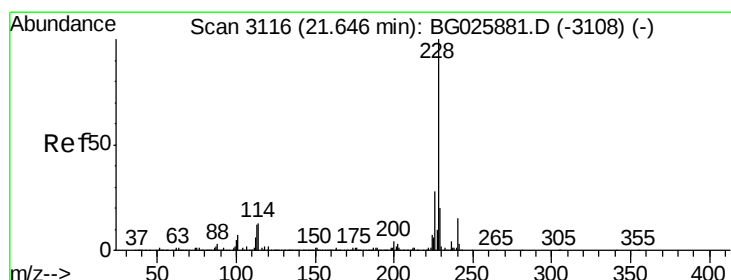
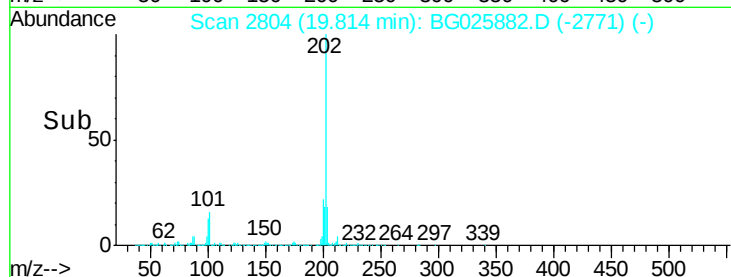
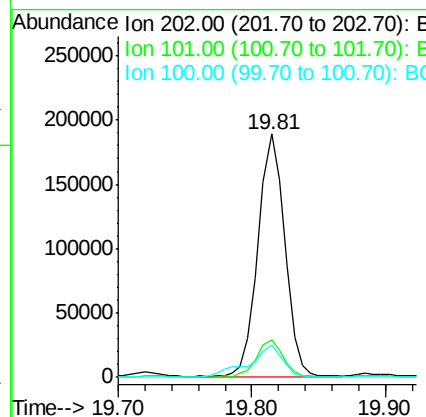
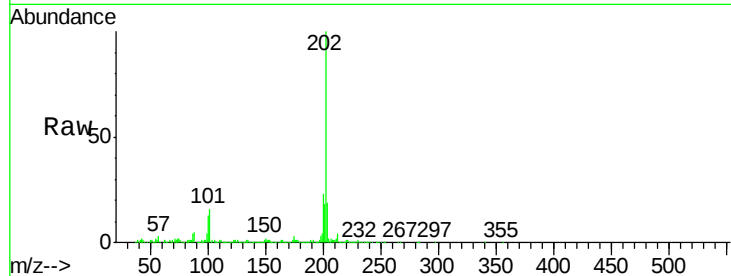
#19
 Pyrene
 Concen: 5.35 ng/ul
 RT: 19.81 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	11.0	16.4
100	13.1	8.1	12.1

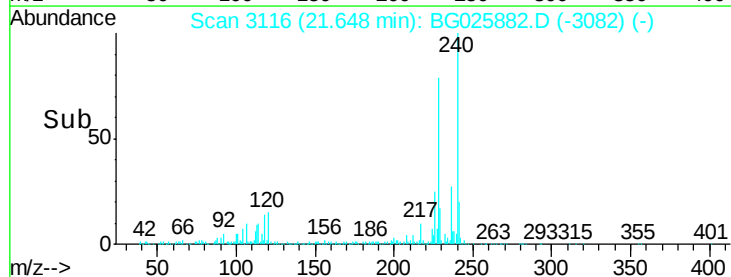
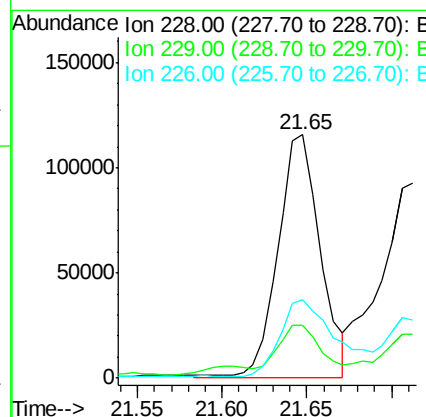
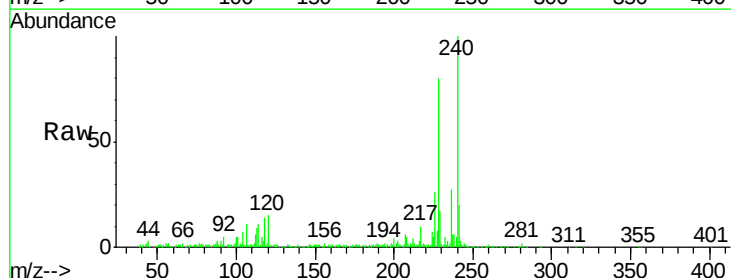
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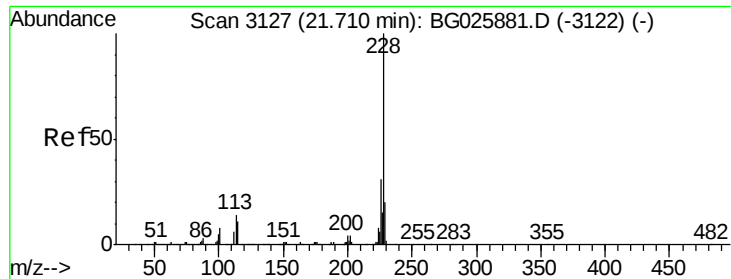
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#20
 Benzo(a)anthracene
 Concen: 4.38 ng/ul m
 RT: 21.65 min Scan# 3116
 Delta R.T. 0.00 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.5	15.7	23.5
226	32.3	21.1	31.7





#21

Chrysene

Concen: 4.19 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Instrument :

BNA_G

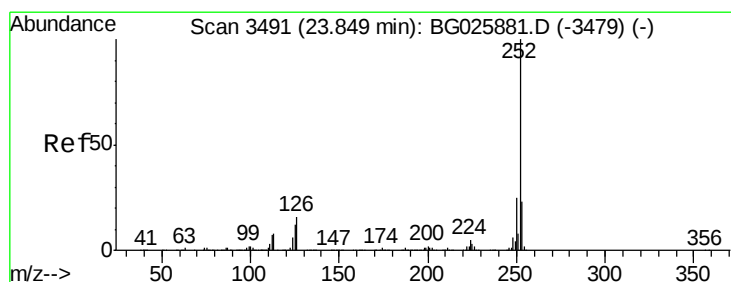
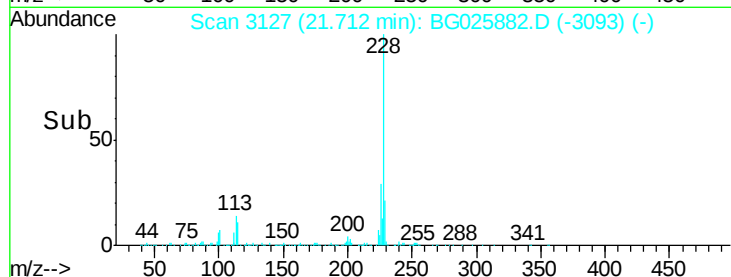
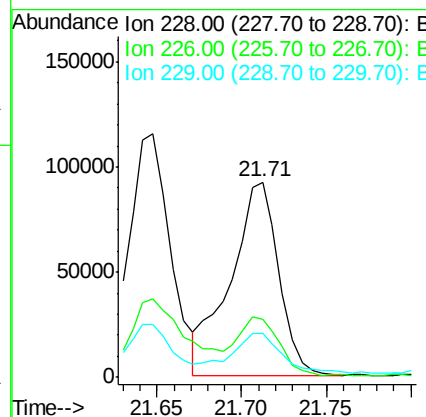
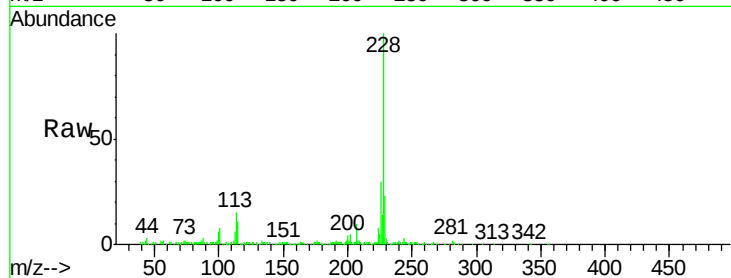
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Tgt Ion:	228	Resp:	182463
Ion Ratio		Lower	Upper
228	100		
226	30.0	24.5	36.7
229	22.6	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 6.31 ng/ul

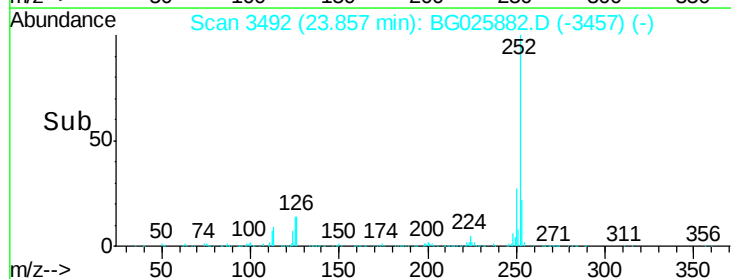
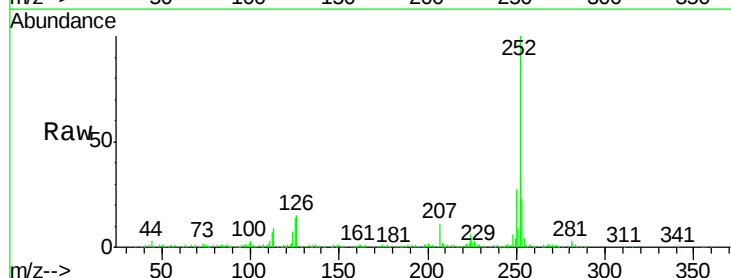
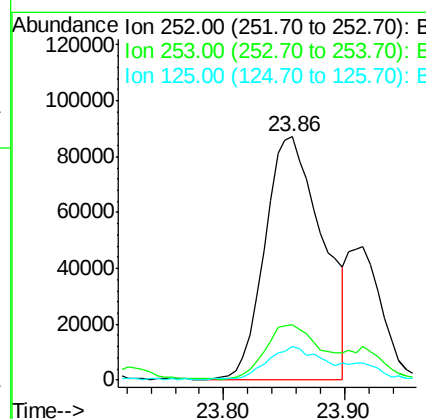
RT: 23.86 min Scan# 3492

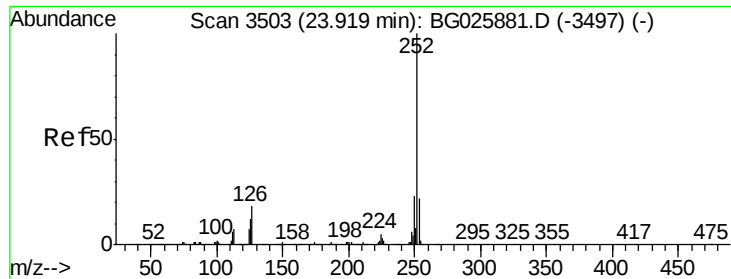
Delta R.T. 0.01 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Tgt Ion:	252	Resp:	286933
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.8	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.15 ng/ul m

RT: 23.92 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Instrument :

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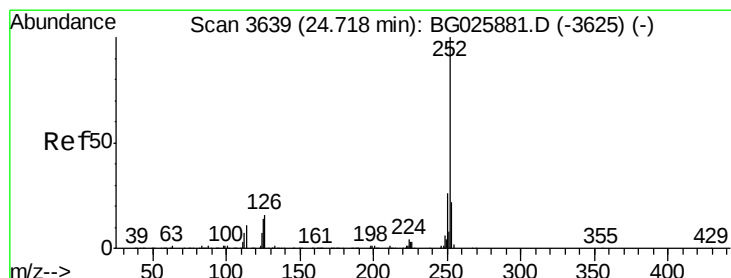
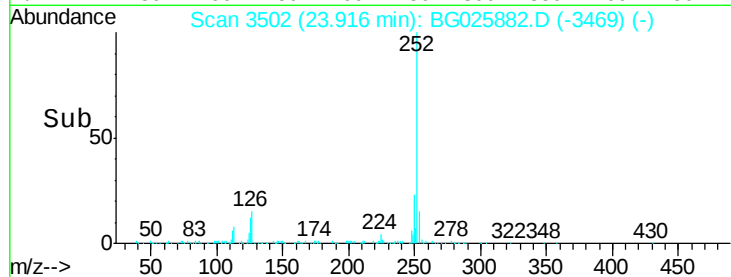
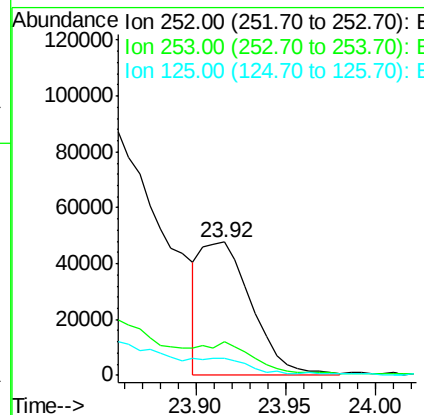
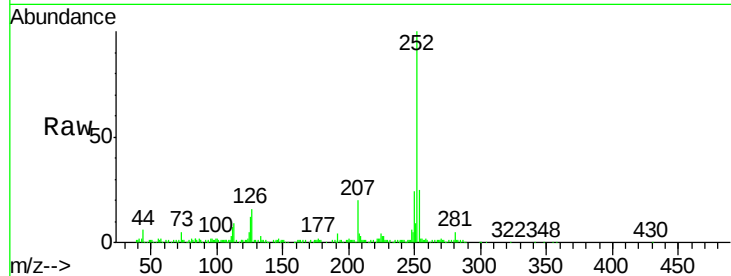
ClientSampleId :

DABA7

Tgt Ion:	252	Resp:	94577
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.0	27.0
125	12.4	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 4.05 ng/ul

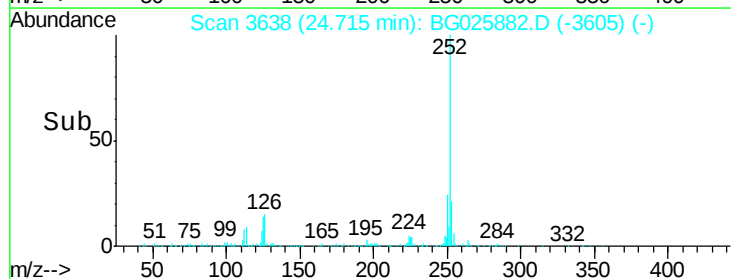
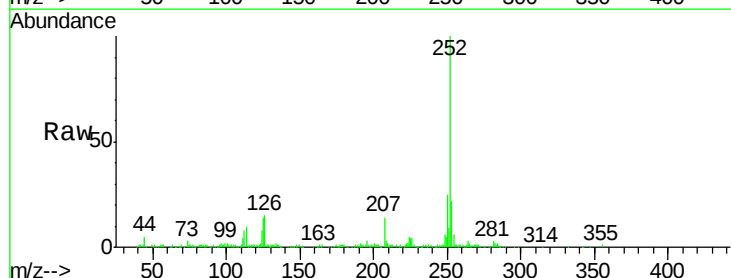
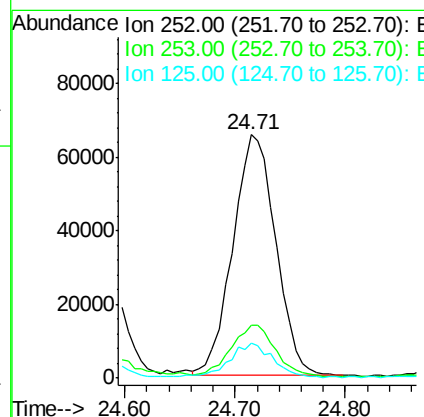
RT: 24.71 min Scan# 3638

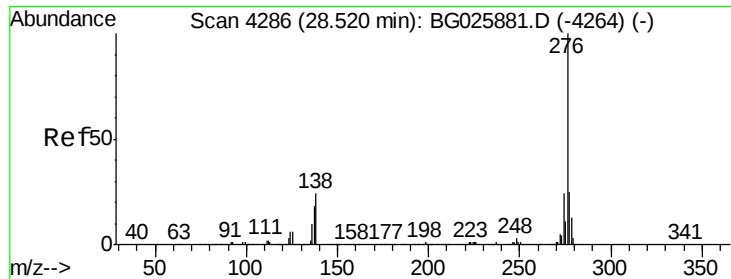
Delta R.T. -0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Tgt Ion:	252	Resp:	178161
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	14.3	8.2	12.4#





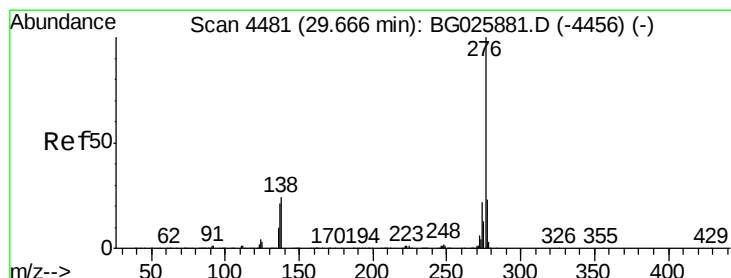
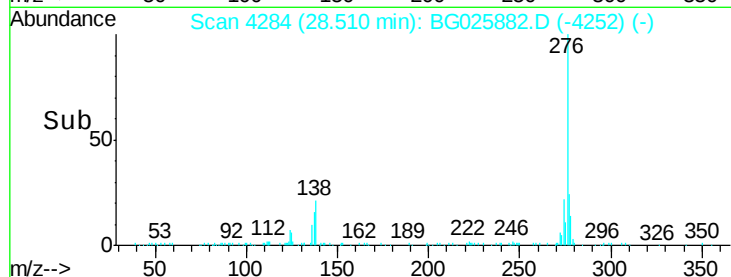
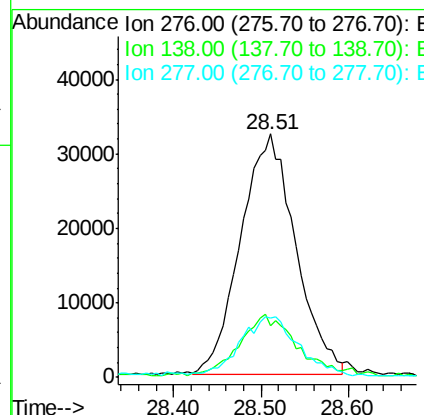
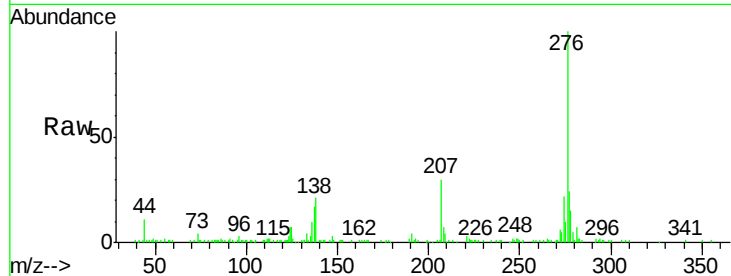
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.70 ng/ul
 RT: 28.51 min Scan# 4284
 Delta R.T. -0.01 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

Instrument :
 BNA_G
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 DABA7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	14.4	21.6
277	24.3	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.92 ng/ul m
 RT: 29.64 min Scan# 4477
 Delta R.T. -0.02 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.3	22.9#
277	21.1	19.0	28.4

