

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026301.D
 Acq On : 18 Mar 2017 3:48
 Operator : SJ/MA
 Sample : I2283-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB302

Manual Integrations
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Quant Time: Mar 18 05:46:05 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:29:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	152488	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	721577	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	395662	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	771517	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	765354	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	718040	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	15534m	1.45	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	952670	28.24	ng/ul	0.00
10) Fluorene-d10	15.64	176	730040	29.67	ng/ul	0.00
15) Anthracene-d10	17.49	188	991149m	28.91	ng/ul	0.00
19) Pyrene-d10	19.76	212	1030957	26.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	622284	20.09	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.43	178	69765	1.71	ng/ul	96
17) Fluoranthene	19.43	202	137649	3.24	ng/ul	99
20) Pyrene	19.79	202	118128	2.42	ng/ul	99
21) Benzo(a)anthracene	21.62	228	66953	1.57	ng/ul	96
22) Chrysene	21.68	228	69432	1.75	ng/ul	96
24) Benzo(b)fluoranthene	23.82	252	95020m	2.33	ng/ul	
27) Benzo(a)pyrene	24.67	252	39591	1.05	ng/ul#	91

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

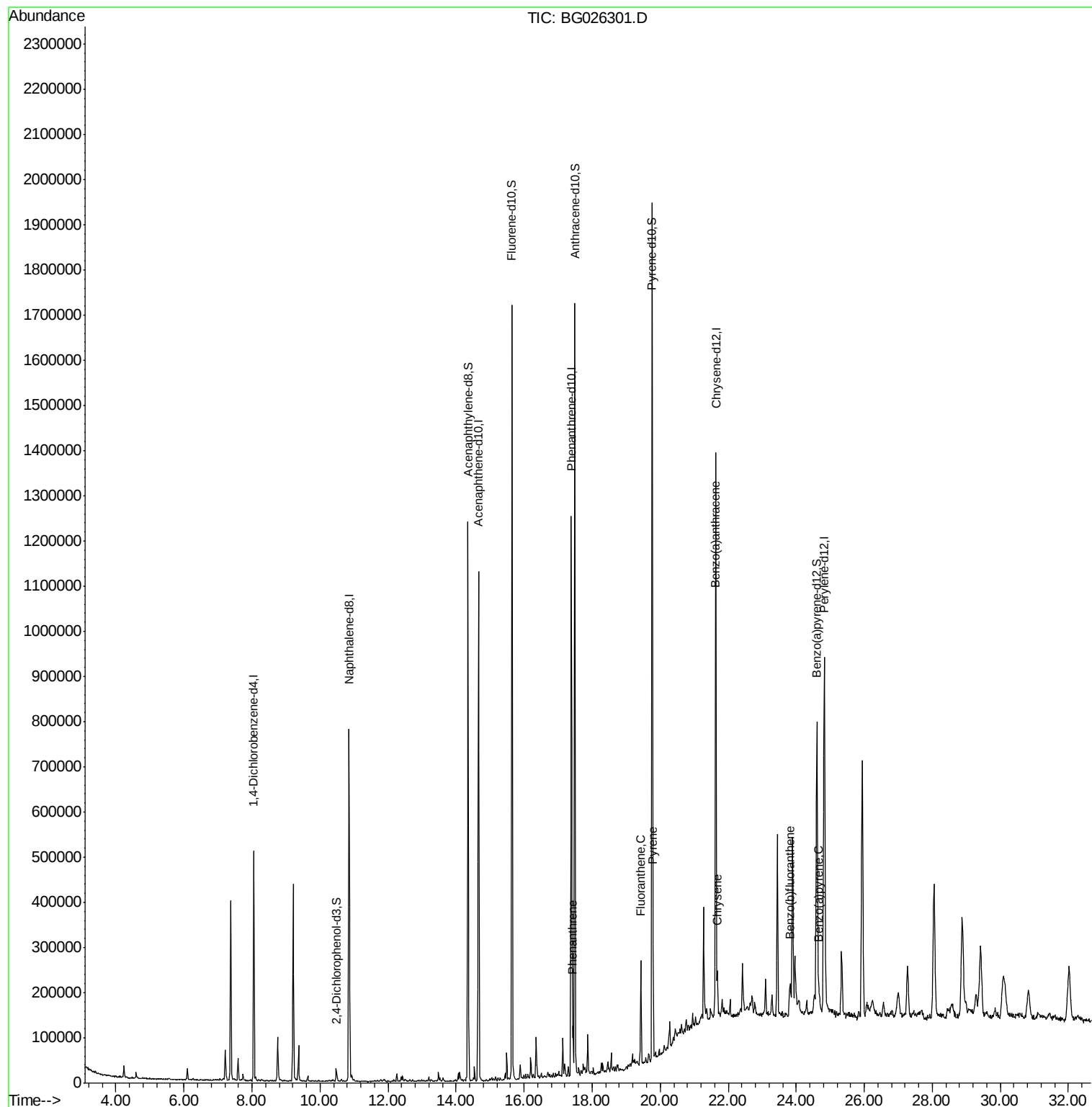
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ALS Vial : 25 Sample Multiplier: 1

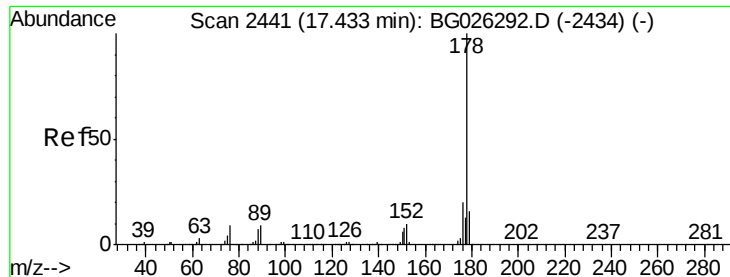
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#14

Phenanthrene

Concen: 1.71 ng/ul

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG026301.D

Acq: 18 Mar 2017 3:48

Instrument :

BNA_G

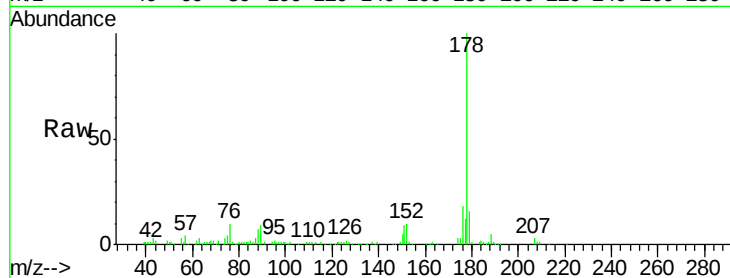
ClientSampleId :

CB302

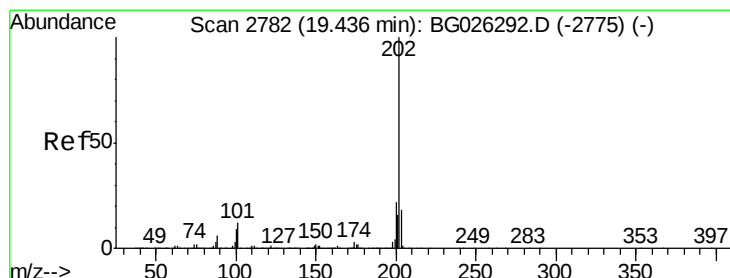
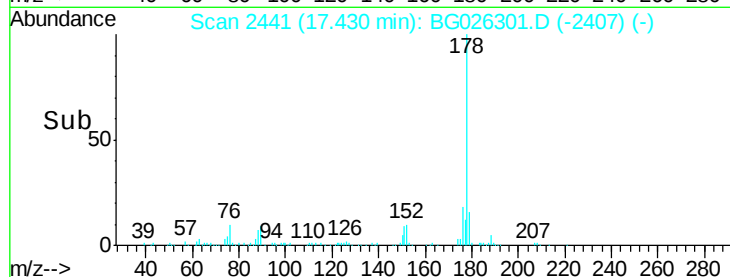
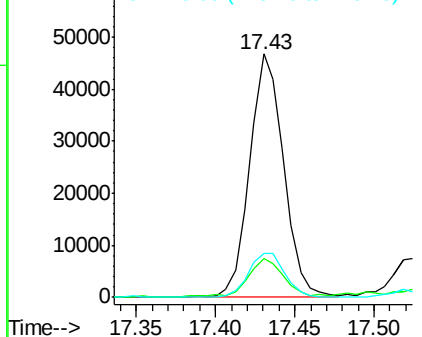
Tgt Ion:	178	Resp:	69765
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.4
176	18.3	16.4	24.6

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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



#17

Fluoranthene

Concen: 3.24 ng/ul

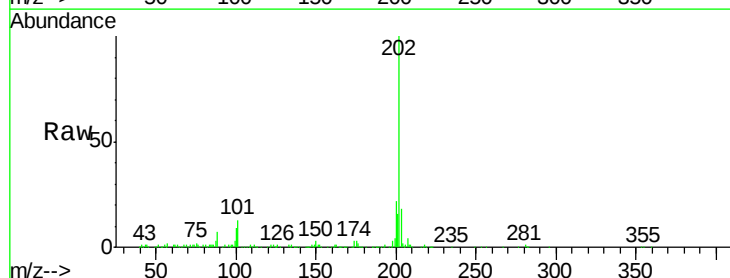
RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

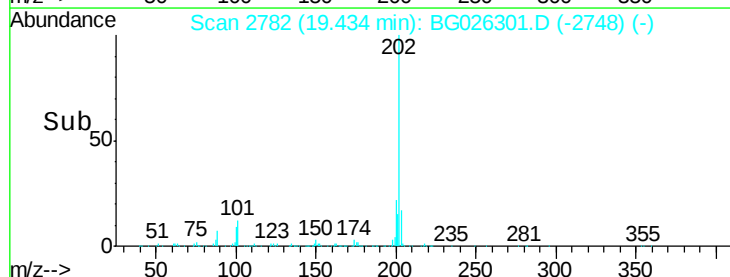
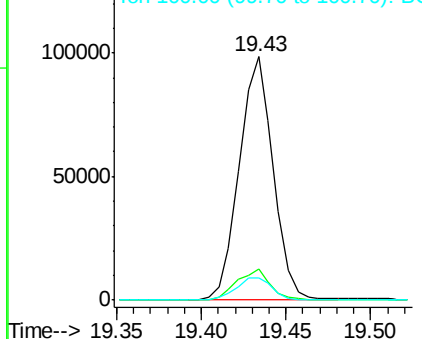
Lab File: BG026301.D

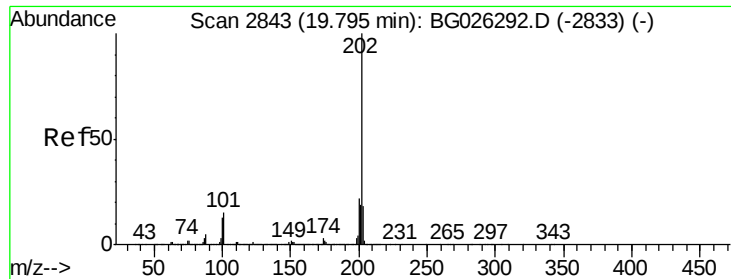
Acq: 18 Mar 2017 3:48

Tgt Ion:	202	Resp:	137649
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.8	14.8
100	9.0	7.5	11.3



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





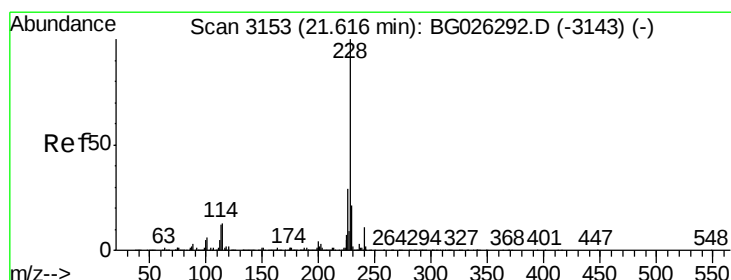
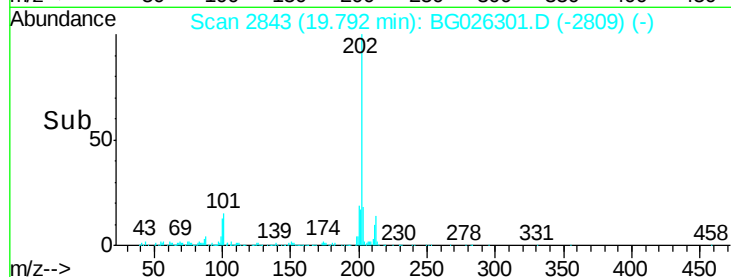
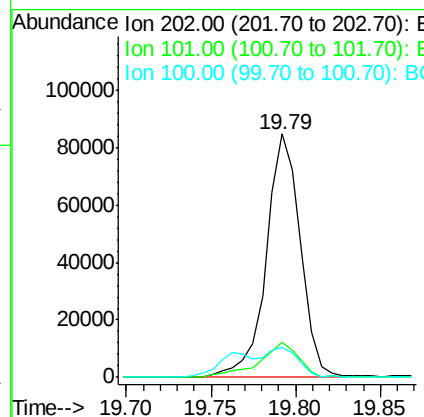
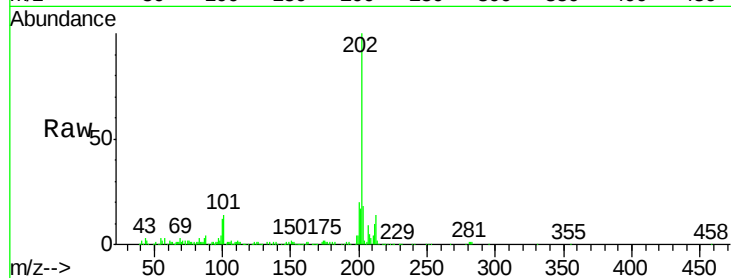
#20
Pyrene
Concen: 2.42 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026301.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	11.2	16.8
100	12.4	9.8	14.6

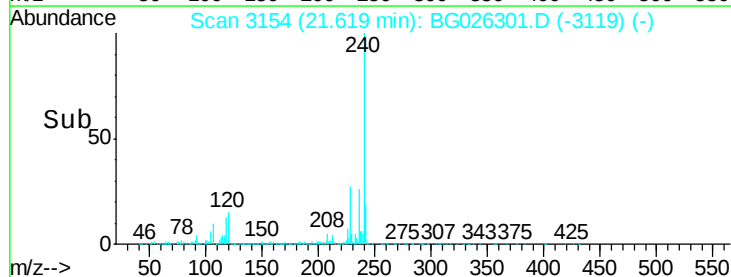
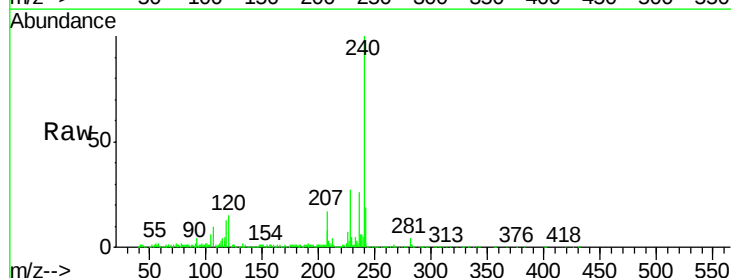
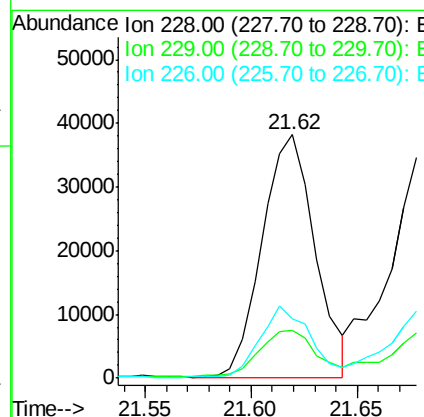
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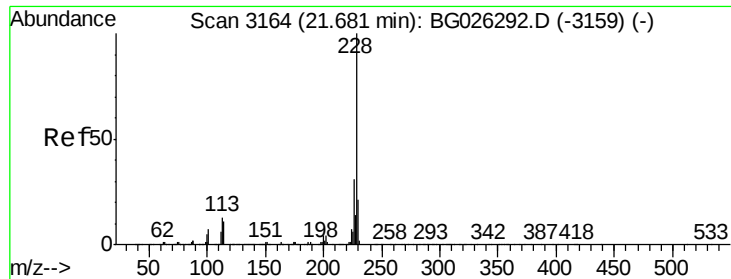
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#21
Benzo(a)anthracene
Concen: 1.57 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.5	15.9	23.9
226	24.5	22.1	33.1





#22

Chrysene

Concen: 1.75 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG026301.D

Acq: 18 Mar 2017 3:48

Instrument :

BNA_G

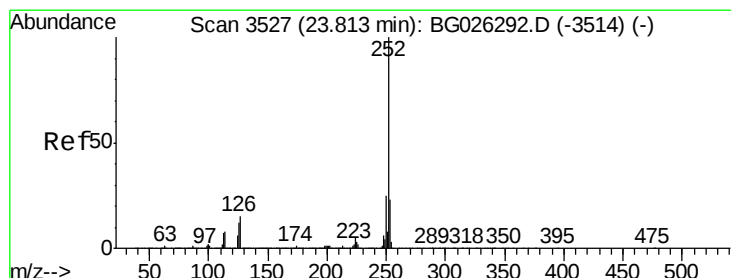
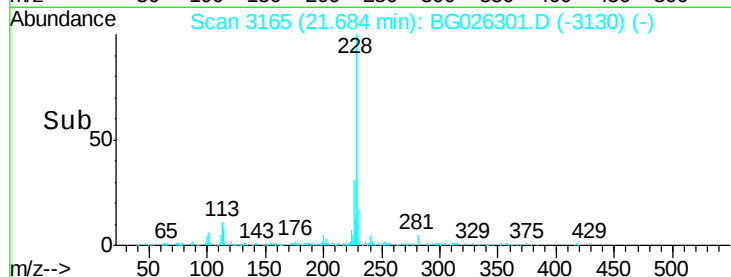
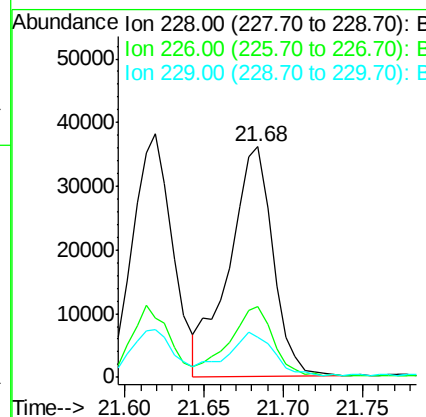
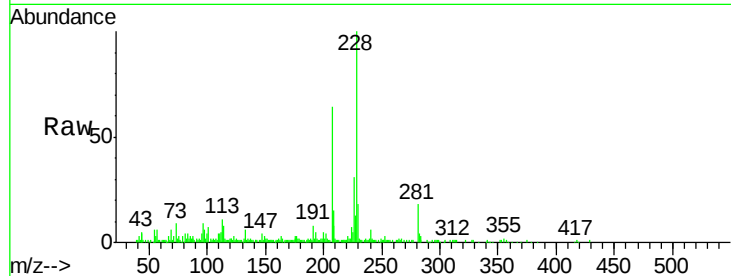
ClientSampled :

CB302

Tgt Ion:	228	Resp:	69432
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	17.6	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 2.33 ng/ul m

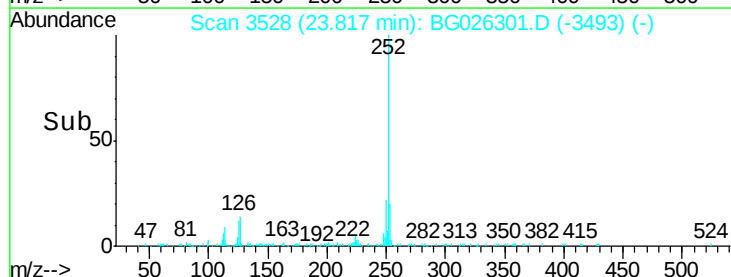
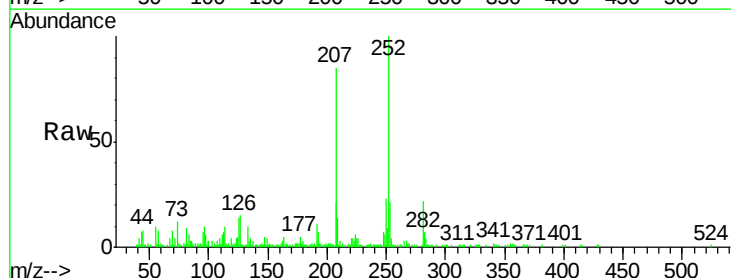
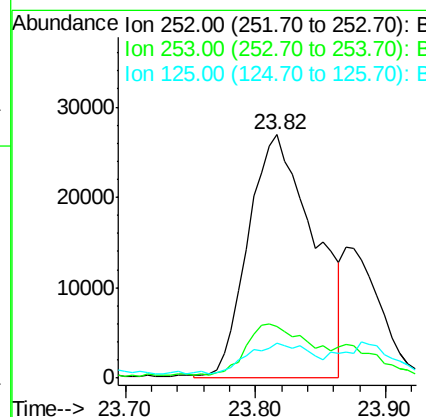
RT: 23.82 min Scan# 3528

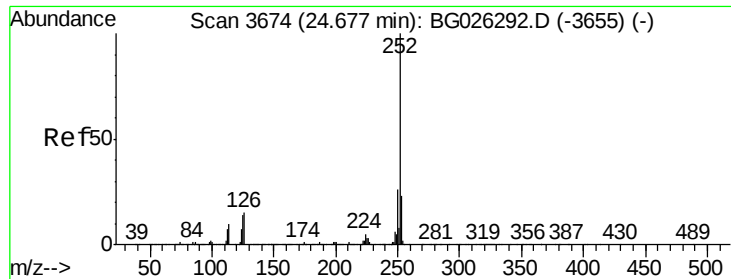
Delta R.T. 0.00 min

Lab File: BG026301.D

Acq: 18 Mar 2017 3:48

Tgt Ion:	252	Resp:	95020
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.8	26.6
125	14.5	9.4	14.0#





#27

Benzo(a)pyrene

Concen: 1.05 ng/ul

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG026301.D

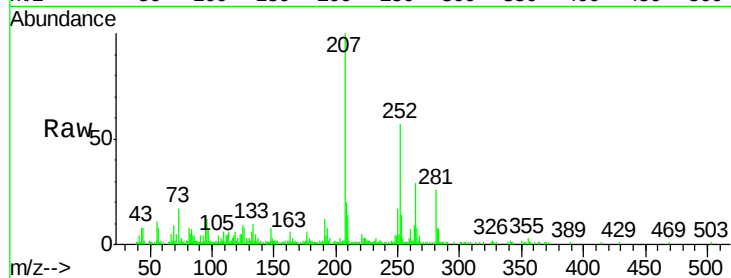
Acq: 18 Mar 2017 3:48

Instrument :

BNA_G

ClientSampleId :

CB302



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		39591
253	25.1	17.1	25.7
125	15.7	9.4	14.2

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