

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026308.D
 Acq On : 18 Mar 2017 8:25
 Operator : SJ/MA
 Sample : I2283-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB308

Manual Integrations
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Quant Time: Mar 20 03:36:14 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	183561	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	857927	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	470024	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	929788	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	929069	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	890798	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	14329m	1.13	ng/uL	0.01
7) Acenaphthylene-d8	14.35	160	805214	20.09	ng/ul	0.00
10) Fluorene-d10	15.64	176	612986	20.97	ng/ul	0.00
15) Anthracene-d10	17.49	188	824808	19.96	ng/ul	0.00
19) Pyrene-d10	19.76	212	872693	18.41	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	694951	18.09	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.43	178	53283	1.08	ng/ul	98
17) Fluoranthene	19.43	202	128127	2.50	ng/ul	99
20) Pyrene	19.79	202	128691	2.18	ng/ul	98
21) Benzo(a)anthracene	21.61	228	71127	1.38	ng/ul	98
22) Chrysene	21.68	228	79277	1.64	ng/ul	96
24) Benzo(b)fluoranthene	23.81	252	109420	2.16	ng/ul	97
27) Benzo(a)pyrene	24.67	252	63543	1.35	ng/ul#	94

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

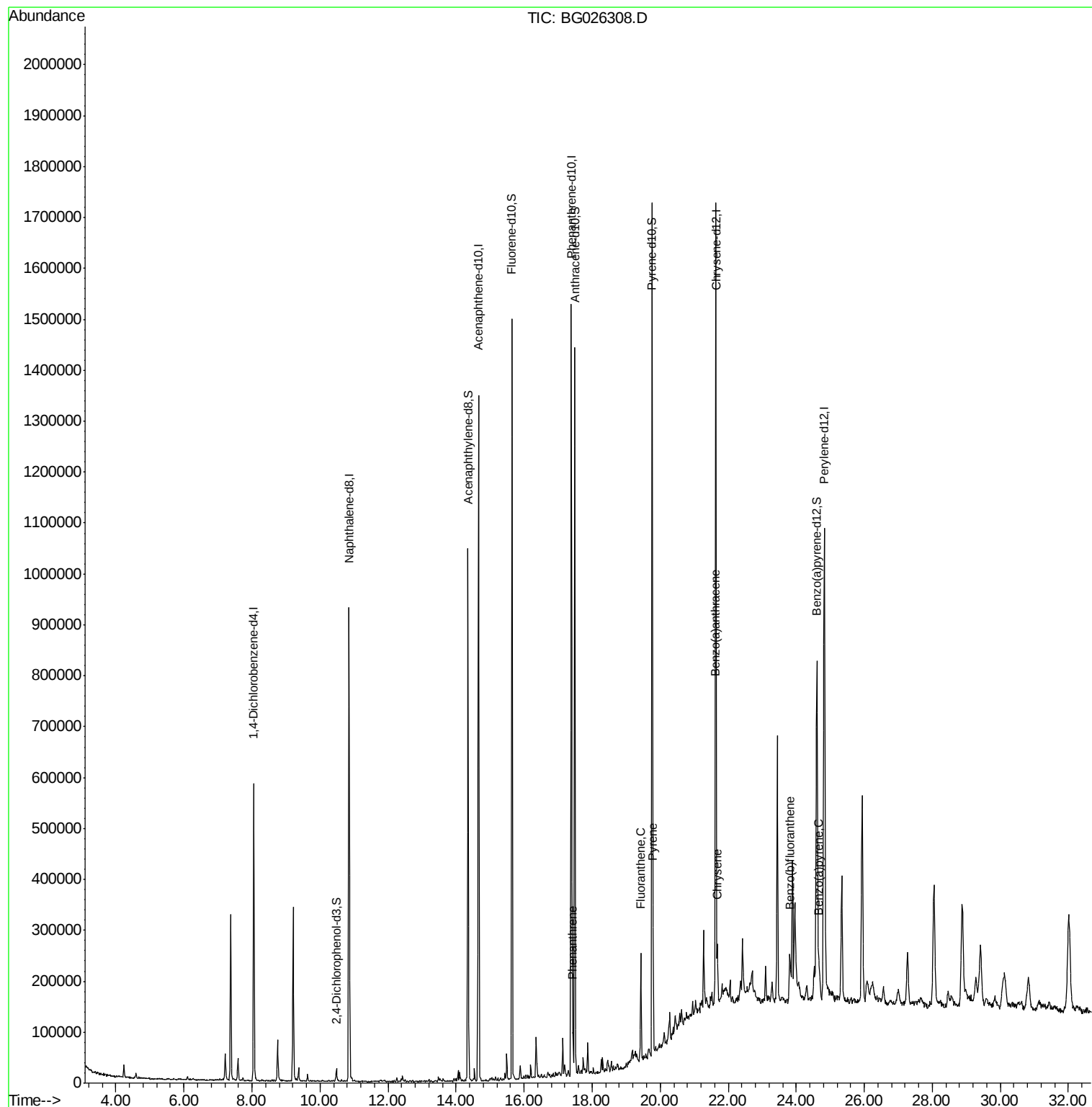
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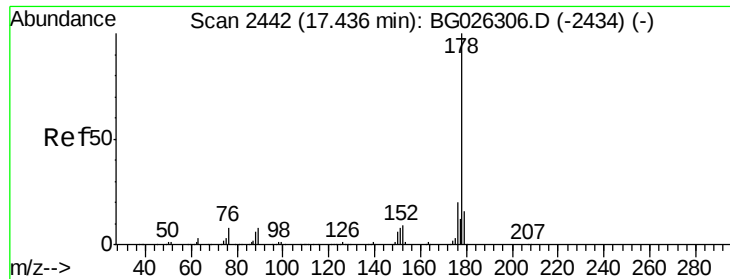
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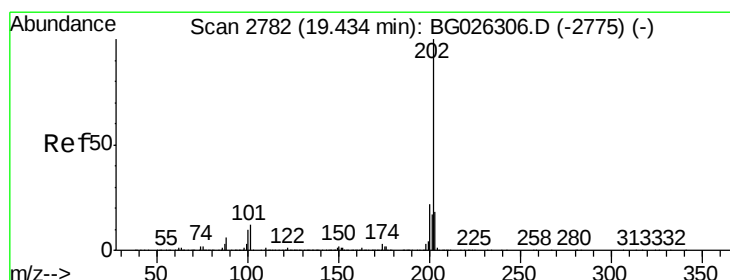
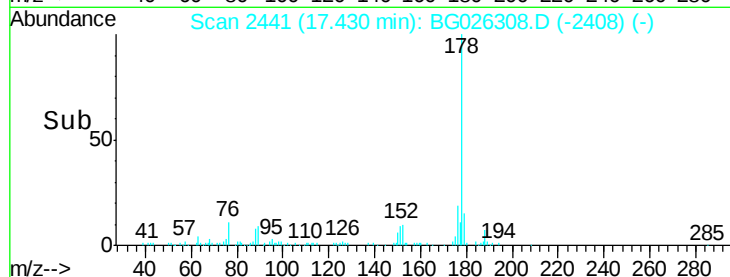
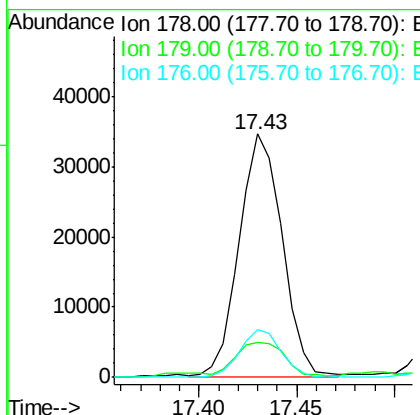
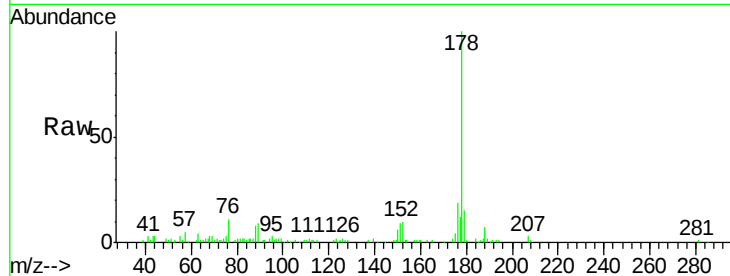
#14
Phenanthrene
Concen: 1.08 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG026308.D
Acq: 18 Mar 2017 8:25

Instrument :
BNA_G
ClientSampleId :
CB308

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.5	12.2	18.4
176	19.4	16.4	24.6

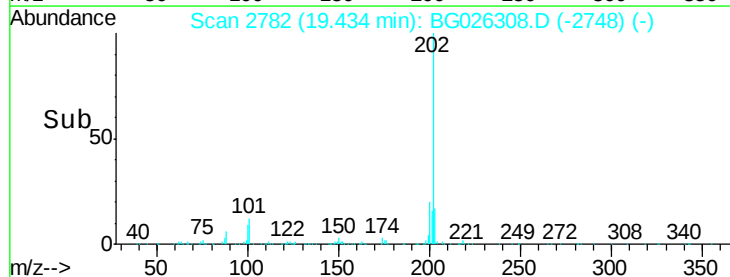
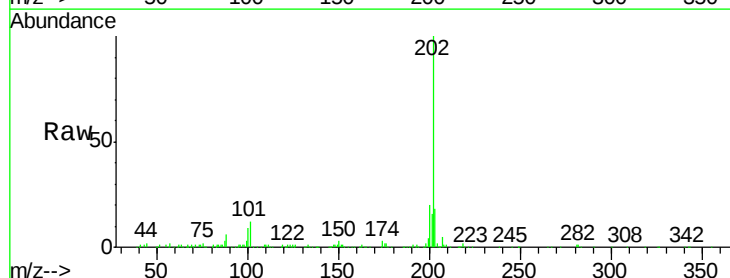
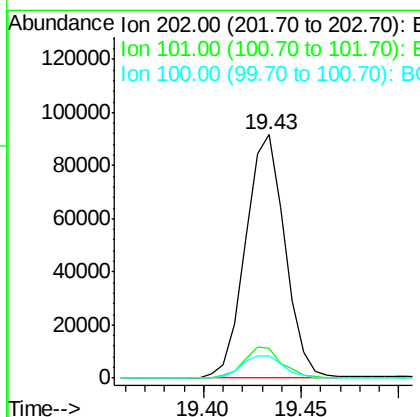
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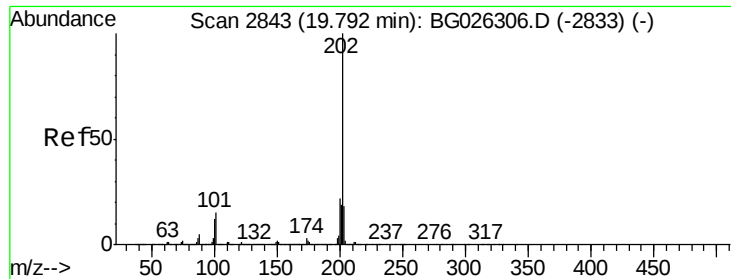
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#17
Fluoranthene
Concen: 2.50 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026308.D
Acq: 18 Mar 2017 8:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	9.8	14.8
100	8.8	7.5	11.3





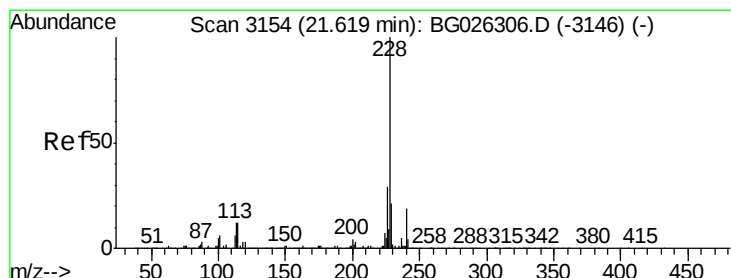
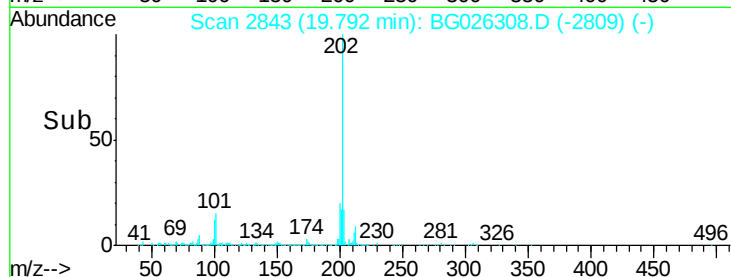
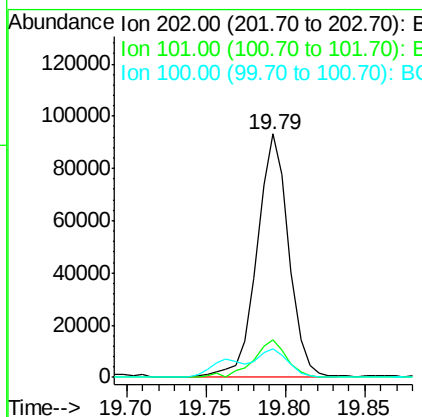
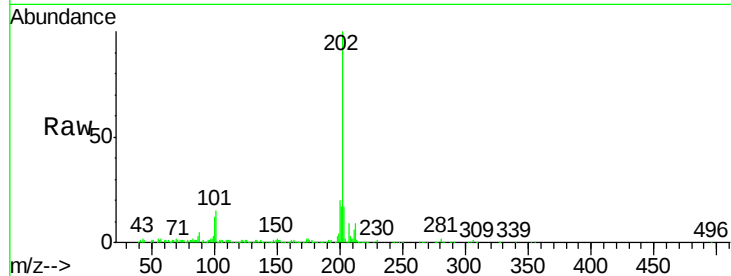
#20
 Pyrene
 Concen: 2.18 ng/ul
 RT: 19.79 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BG026308.D
 Acq: 18 Mar 2017 8:25

Instrument :
 BNA_G
 ClientSampleId :
 CB308

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.3	11.2	16.8
100	11.6	9.8	14.6

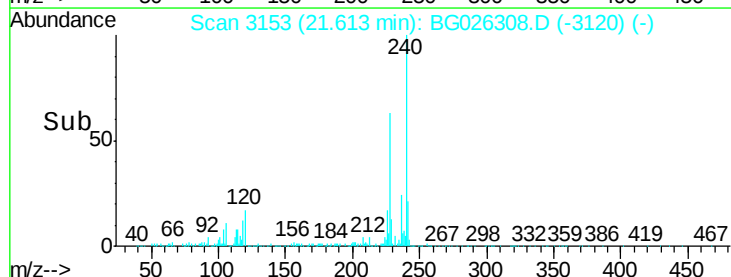
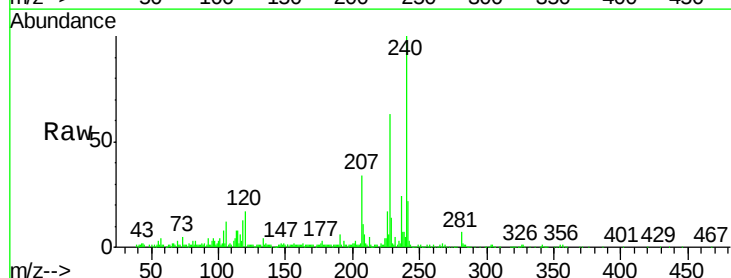
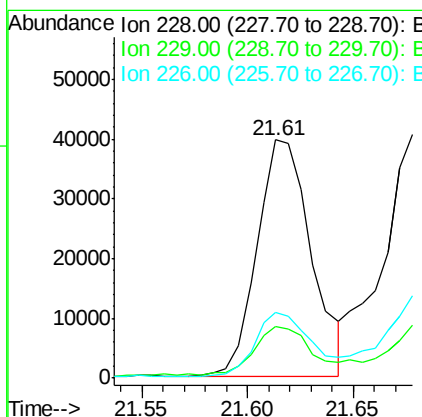
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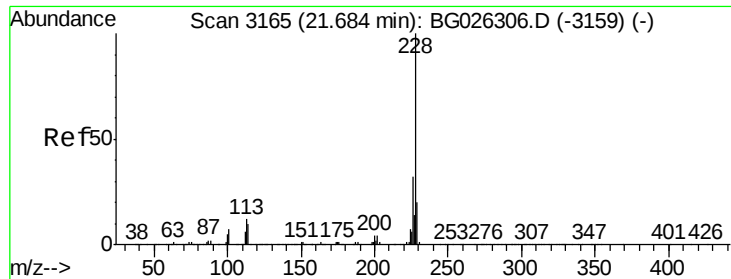
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#21
 Benzo(a)anthracene
 Concen: 1.38 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG026308.D
 Acq: 18 Mar 2017 8:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	15.9	23.9
226	27.7	22.1	33.1





#22

Chrysene

Concen: 1.64 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG026308.D

Acq: 18 Mar 2017 8:25

Instrument :

BNA_G

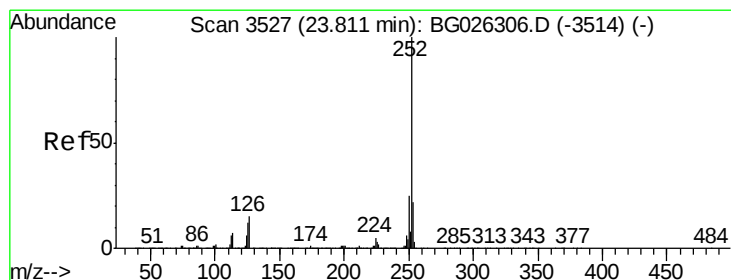
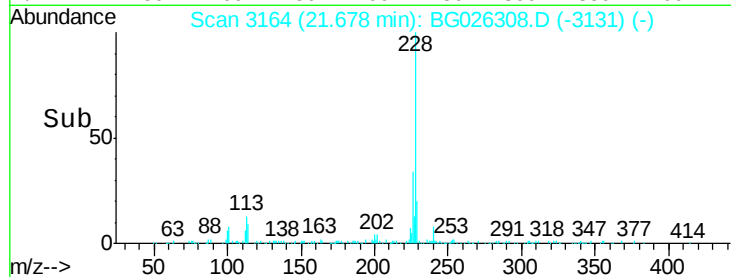
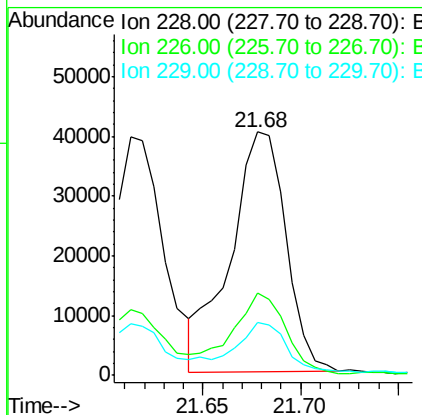
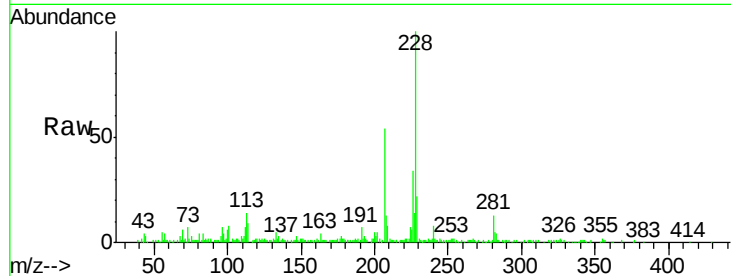
ClientSampleId :

CB308

Tgt Ion:	228	Resp:	79277
Ion Ratio	Lower	Upper	
228	100		
226	34.1	25.0	37.6
229	21.7	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 2.16 ng/ul

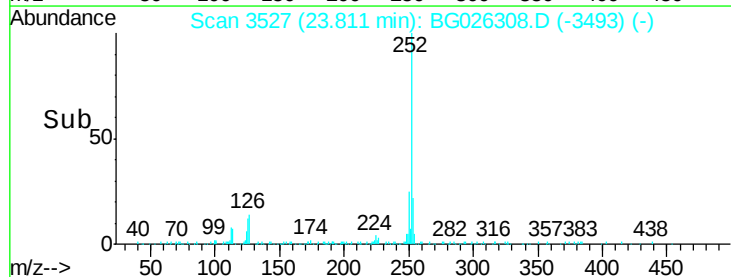
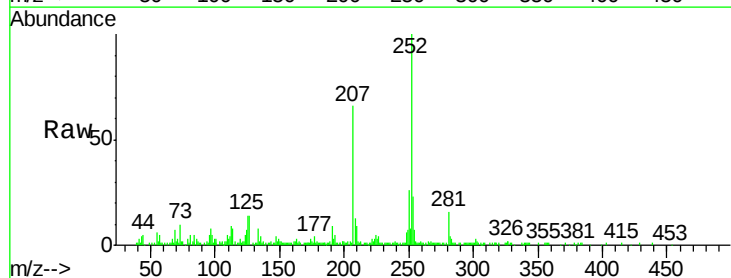
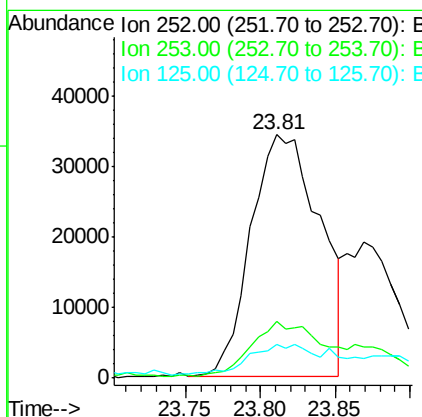
RT: 23.81 min Scan# 3527

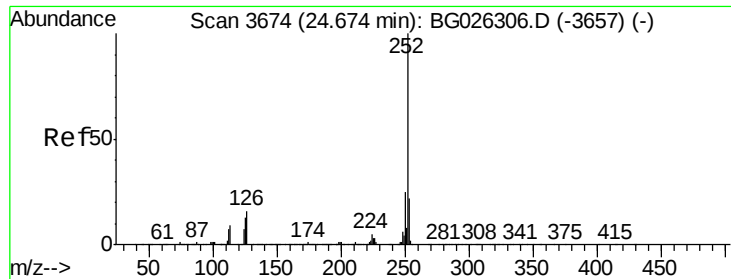
Delta R.T. -0.00 min

Lab File: BG026308.D

Acq: 18 Mar 2017 8:25

Tgt Ion:	252	Resp:	109420
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	13.7	9.4	14.0





#27

Benzo(a)pyrene

Concen: 1.35 ng/ul

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG026308.D

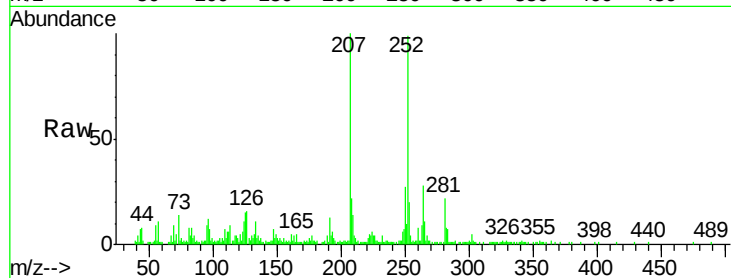
Acq: 18 Mar 2017 8:25

Instrument :

BNA_G

ClientSampleId :

CB308



Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.1	25.7
125	15.4	9.4	14.2

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