

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027043.D
 Acq On : 19 May 2017 17:01
 Operator : SJ/MA
 Sample : I3137-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC36

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:41 AM

Quant Time: May 19 17:47:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 17:37:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	193009	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	891808	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	442538	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	791683	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	721761	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	641882	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	984638	21.69	ng/ul	0.00
10) Fluorene-d10	15.61	176	616865	20.37	ng/ul	0.00
14) Anthracene-d10	17.46	188	844863m	21.89	ng/ul	0.01
18) Pyrene-d10	19.74	212	807612	21.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	669070	20.98	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.40	178	44651	1.01	ng/ul	Qvalue 97
16) Fluoranthene	19.40	202	87136	1.93	ng/ul#	85
19) Pyrene	19.77	202	76276	1.62	ng/ul#	88
21) Chrysene	21.66	228	50766	1.27	ng/ul#	91
23) Benzo(b)fluoranthene	23.78	252	73692	1.93	ng/ul#	80
26) Benzo(a)pyrene	24.63	252	37790	1.01	ng/ul#	72

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

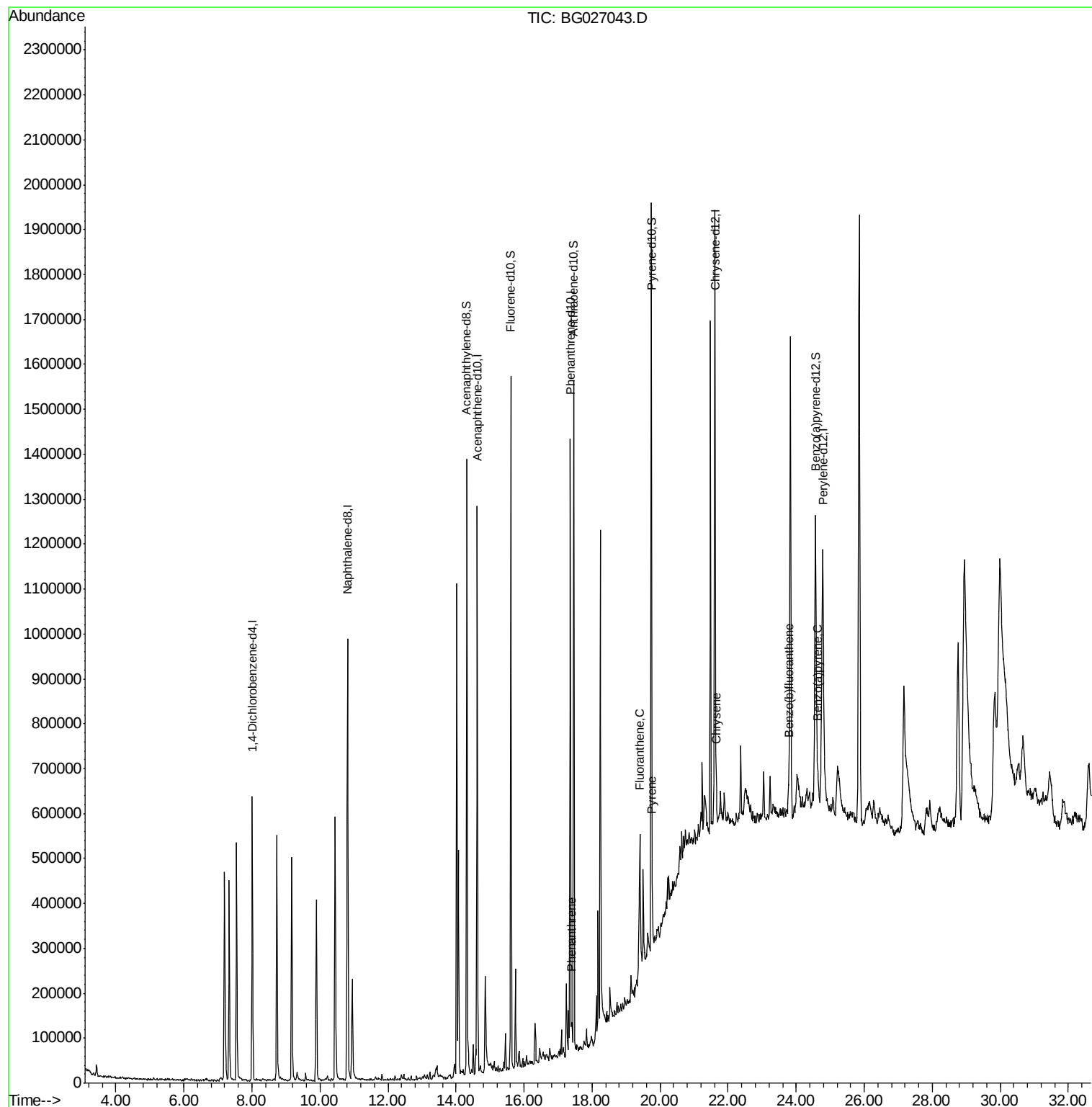
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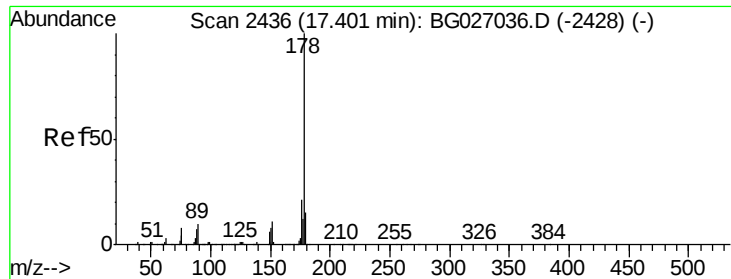
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#13

Phenanthrene

Concen: 1.01 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

Instrument :

BNA_G

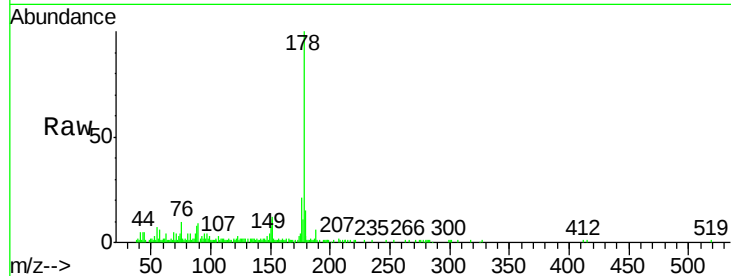
ClientSampleId :

DAC36

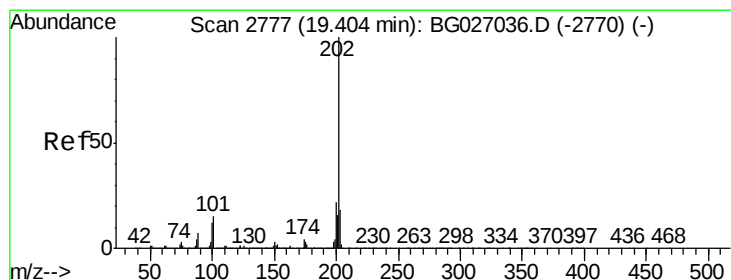
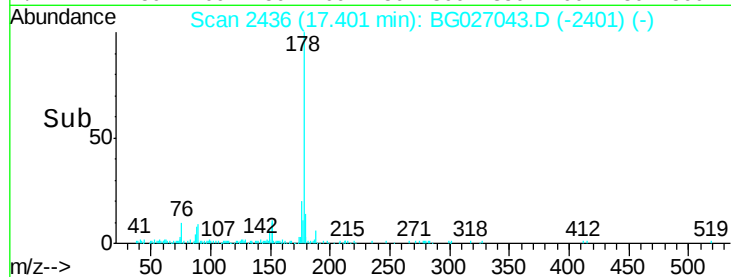
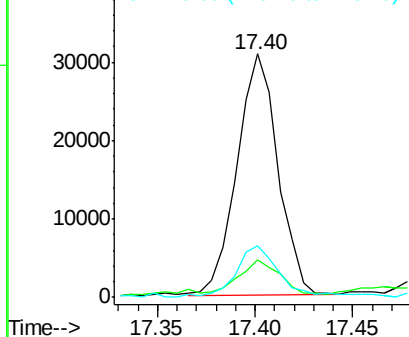
Tgt Ion:	178	Resp:	44651
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	21.1	15.1	22.7

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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



#16

Fluoranthene

Concen: 1.93 ng/ul

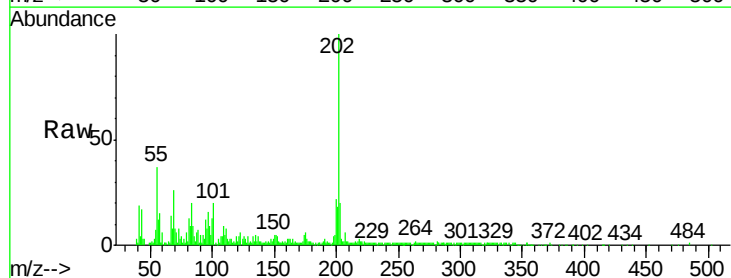
RT: 19.40 min Scan# 2777

Delta R.T. 0.01 min

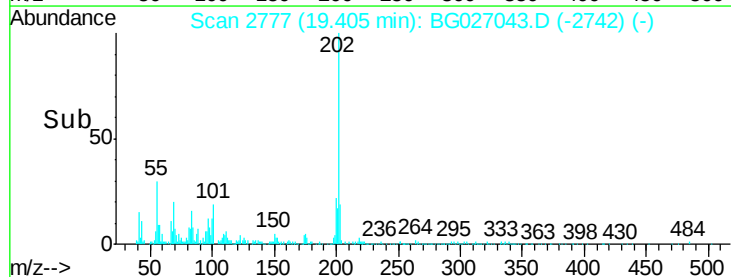
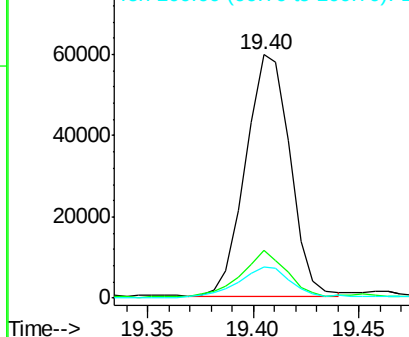
Lab File: BG027043.D

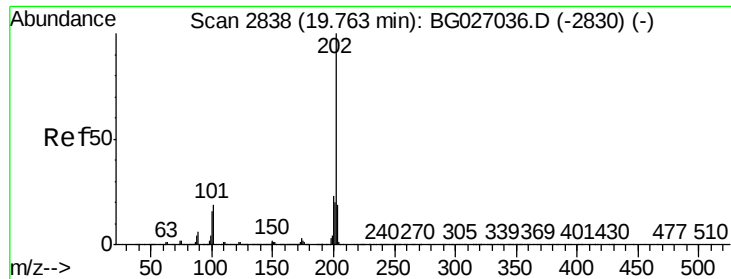
Acq: 19 May 2017 17:01

Tgt Ion:	202	Resp:	87136
Ion Ratio	Lower	Upper	
202	100		
101	19.8	9.9	14.9#
100	12.5	7.4	11.0#



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





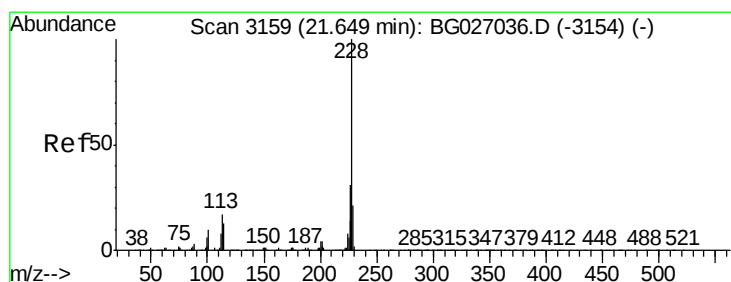
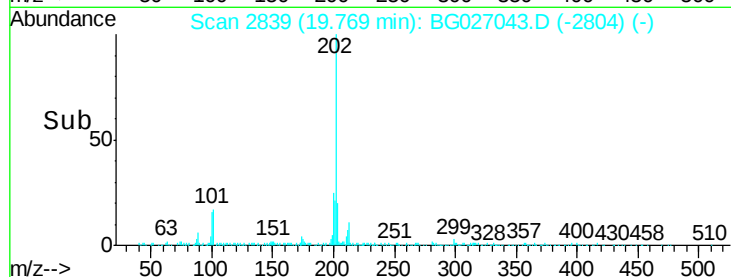
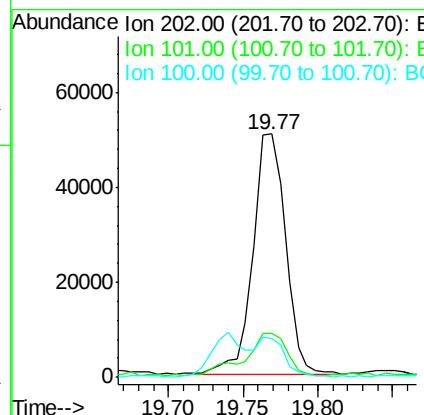
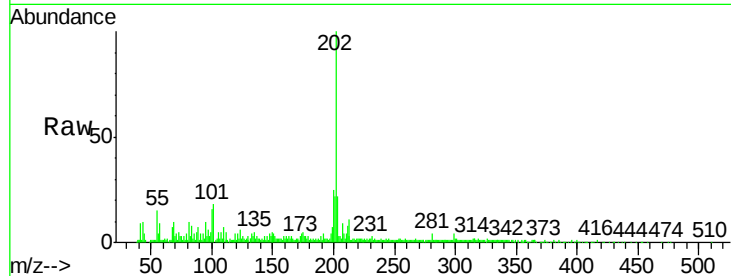
#19
Pyrene
Concen: 1.62 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG027043.D
Acq: 19 May 2017 17:01

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.9	11.0	16.4#
100	15.7	8.1	12.1#

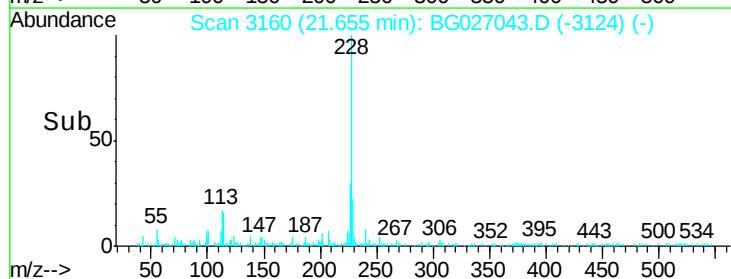
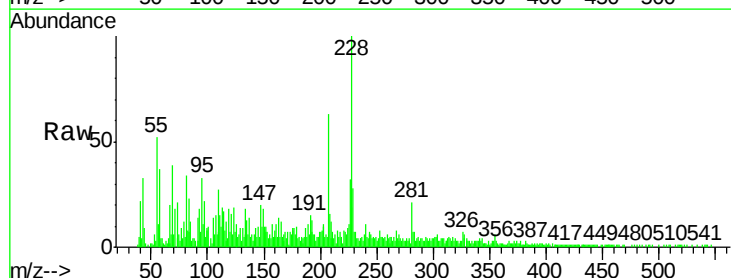
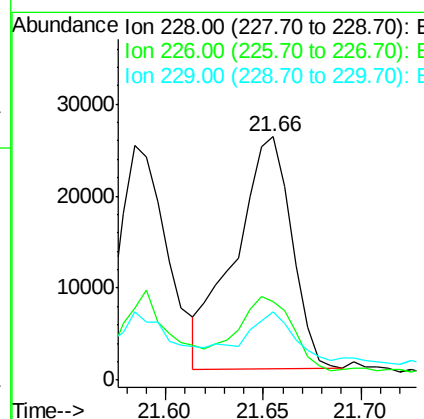
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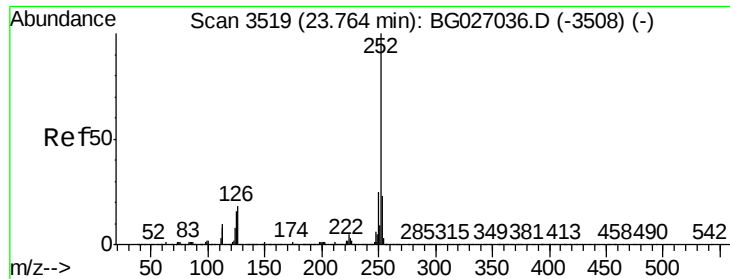
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#21
Chrysene
Concen: 1.27 ng/ul
RT: 21.66 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG027043.D
Acq: 19 May 2017 17:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.0	24.5	36.7
229	28.0	15.8	23.8#





#23

Benzo(b)fluoranthene

Concen: 1.93 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.02 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

Instrument :

BNA_G

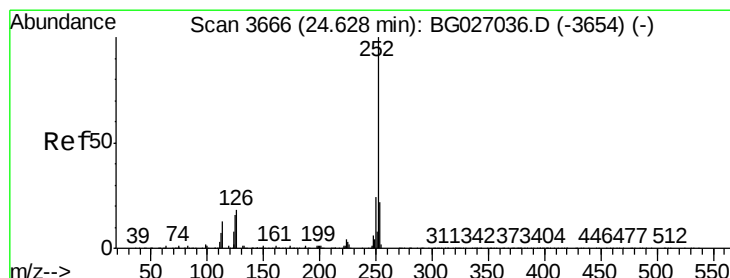
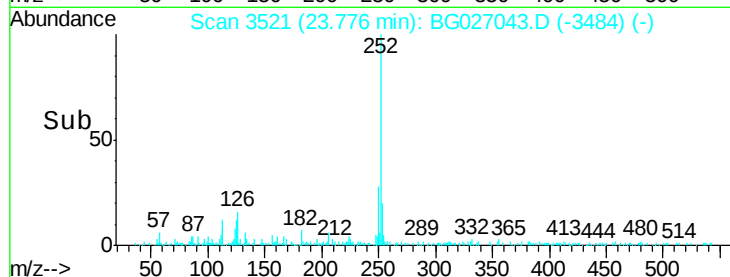
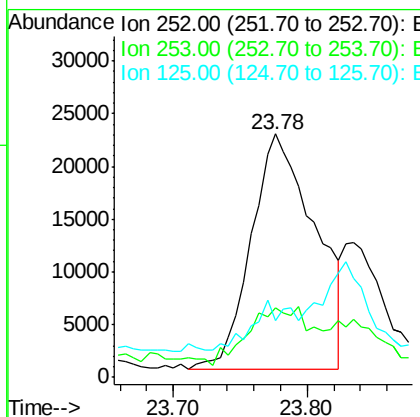
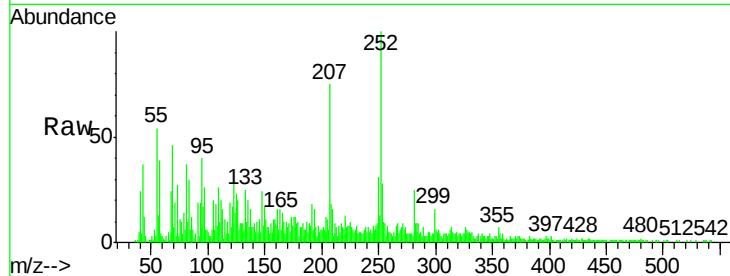
ClientSampleId :

DAC36

Tgt Ion:	252	Resp:	73692
Ion Ratio	Lower	Upper	
252	100		
253	28.3	18.0	27.0#
125	23.5	8.0	12.0#

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#26

Benzo(a)pyrene

Concen: 1.01 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. 0.02 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

Tgt Ion:	252	Resp:	37790
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.2	25.8#
125	34.0	8.2	12.4#

