

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052317\
 Data File : BG027083.D
 Acq On : 23 May 2017 7:24
 Operator : SJ/MA
 Sample : I3276-13MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC87MSD

Manual Integrations
 APPROVED

mohammad
 5/24/2017 11:22:55 AM

Quant Time: May 23 08:22:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 04:05:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	167527	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	839599	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	498498	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1026305	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	898291	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	867270	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	866732	16.95	ng/ul	0.00
10) Fluorene-d10	15.60	176	588965	17.27	ng/ul	0.00
14) Anthracene-d10	17.45	188	831693	16.62	ng/ul	0.00
18) Pyrene-d10	19.73	212	814655	17.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	710824	16.50	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.68	153	575320	16.35	ng/ul	Qvalue 95
16) Fluoranthene	19.40	202	112482	1.92	ng/ul#	94
19) Pyrene	19.76	202	1086201	18.50	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	59746	1.10	ng/ul	96
21) Chrysene	21.64	228	63217m	1.27	ng/ul	
23) Benzo(b)fluoranthene	23.76	252	93506	1.81	ng/ul#	92
26) Benzo(a)pyrene	24.62	252	54551	1.08	ng/ul#	89

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

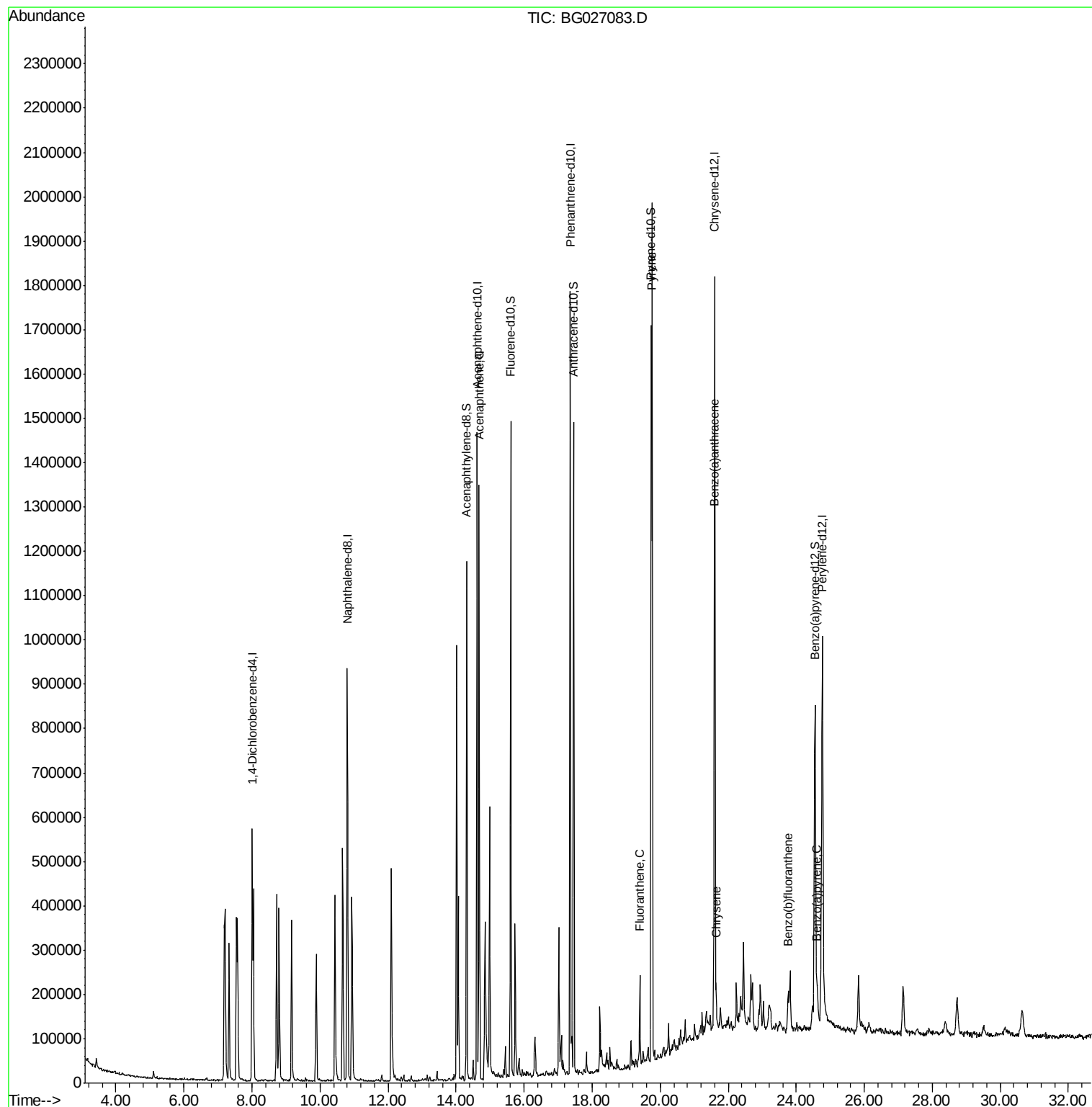
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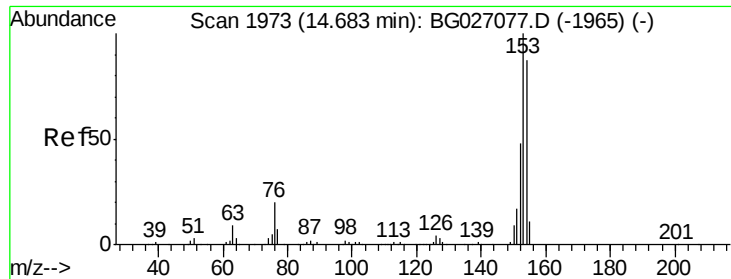
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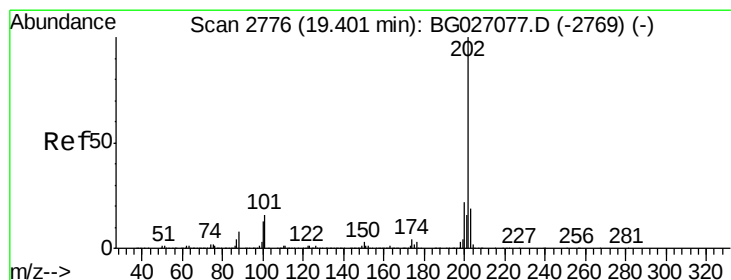
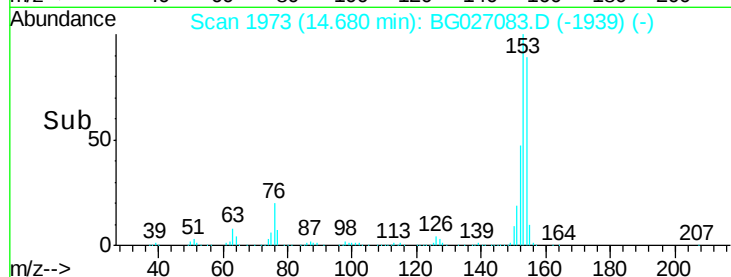
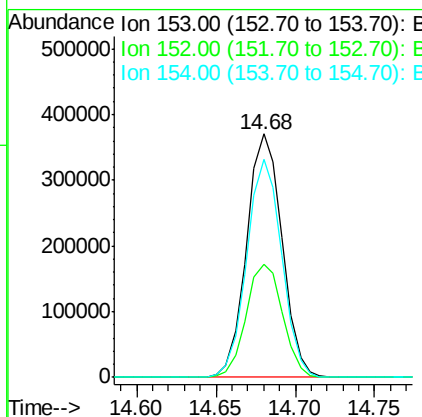
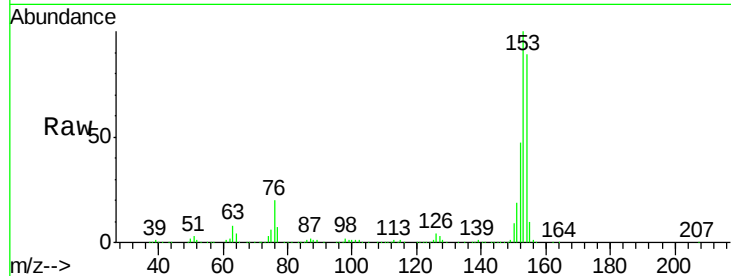
#9
Acenaphthene
Concen: 16.35 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG027083.D
Acq: 23 May 2017 7:24

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DAC87MSD

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	575320		
152	46.6		39.0	58.6
154	89.4		66.8	100.2

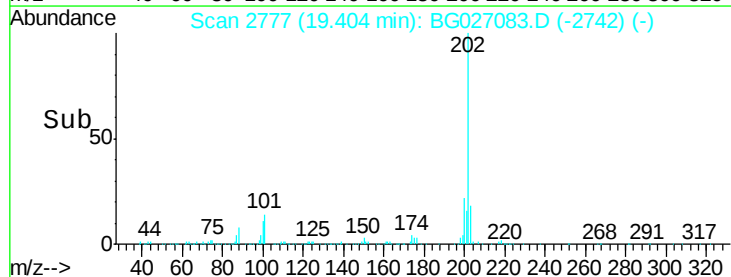
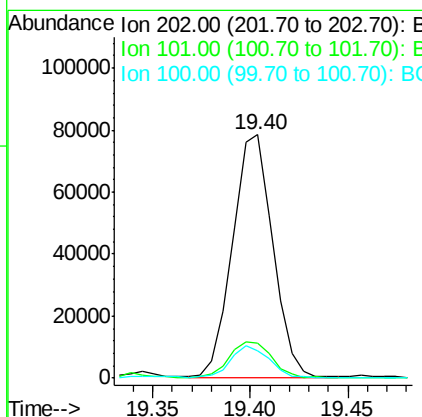
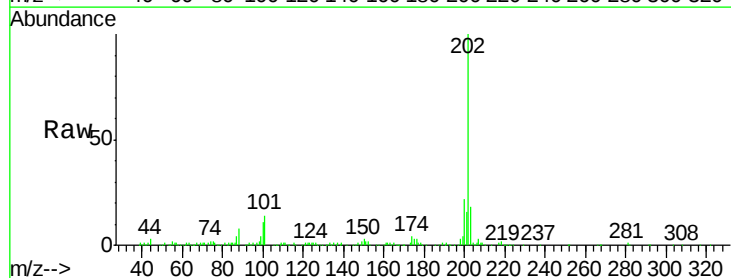
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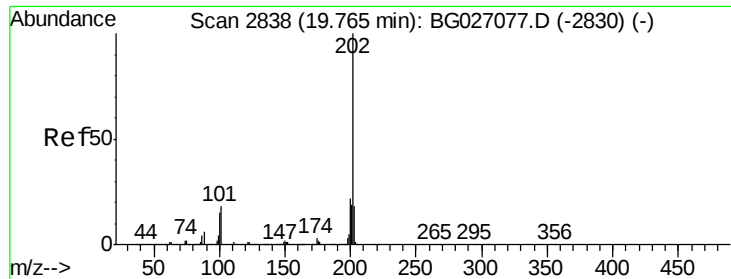
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#16
Fluoranthene
Concen: 1.92 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027083.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	112482		
101	14.5		9.9	14.9
100	11.5		7.4	11.0





#19

Pyrene

Concen: 18.50 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

Instrument :

BNA_G

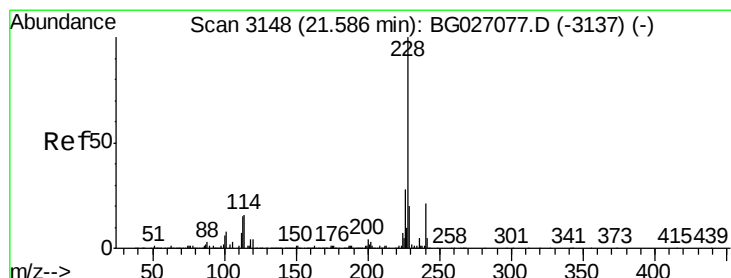
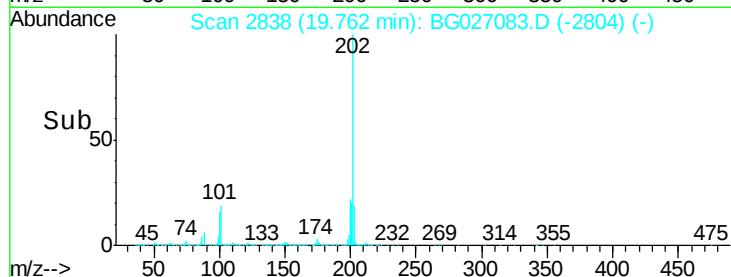
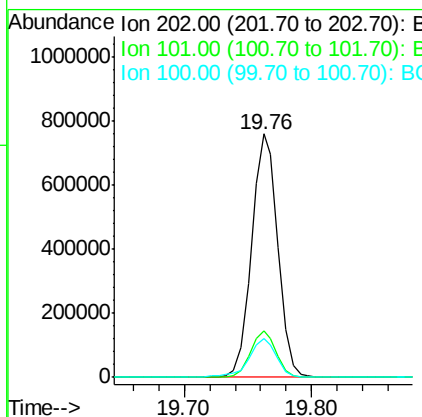
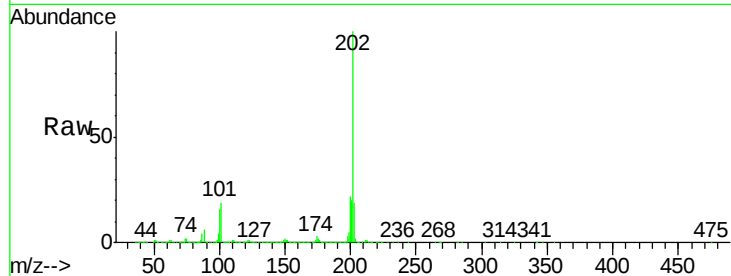
ClientSampleId :

DAC87MSD

Tgt Ion:	202	Resp:	1086201
Ion Ratio	Lower	Upper	
202	100		
101	18.9	11.0	16.4#
100	16.0	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 1.10 ng/ul

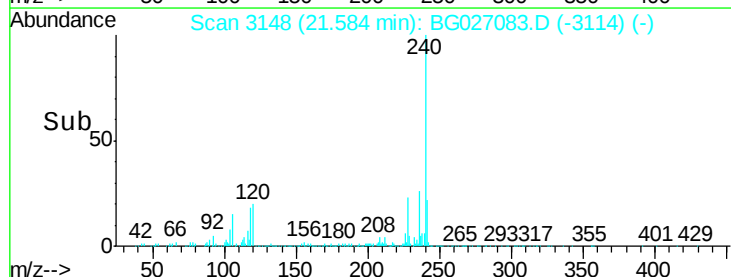
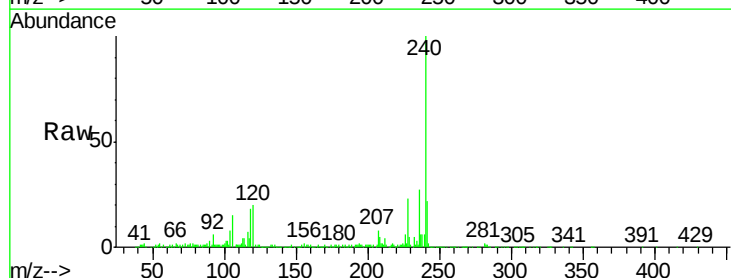
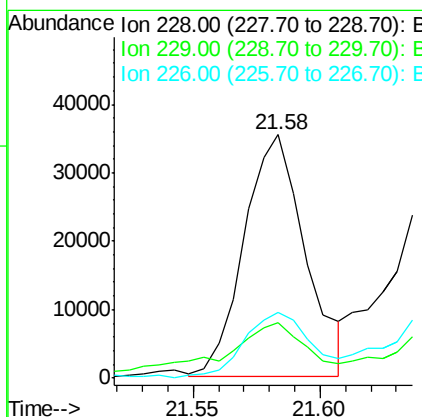
RT: 21.58 min Scan# 3148

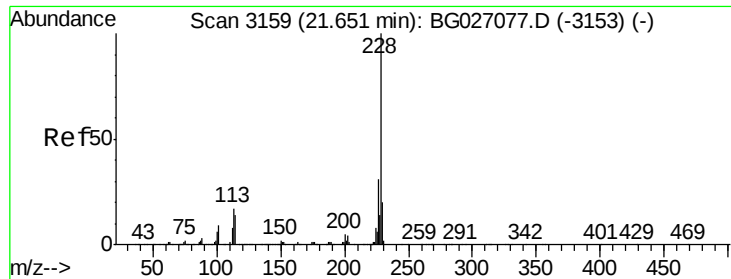
Delta R.T. -0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

Tgt Ion:	228	Resp:	59746
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.7	23.5
226	26.9	21.1	31.7





#21

Chrysene

Concen: 1.27 ng/ul m

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

Instrument :

BNA_G

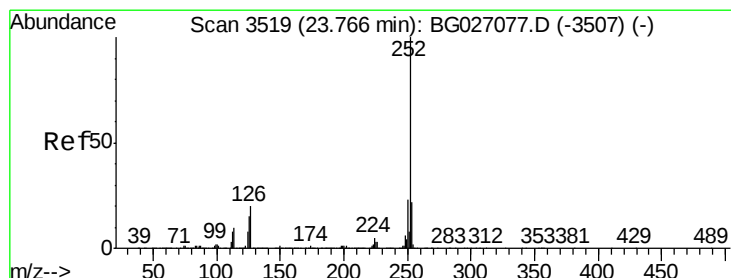
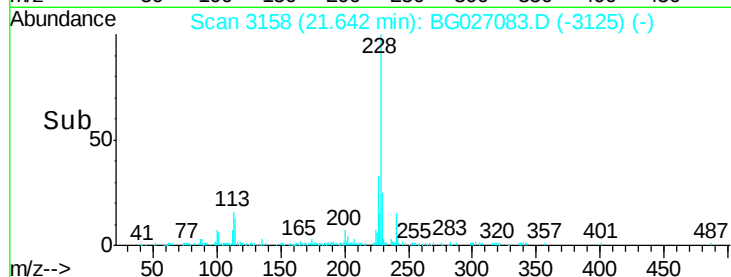
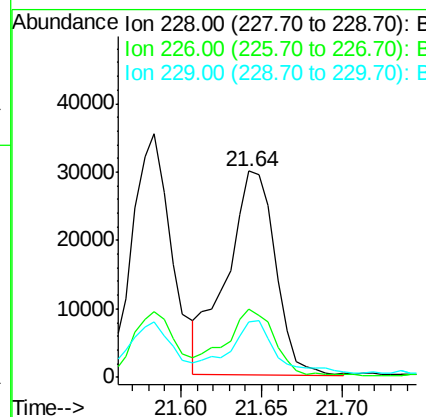
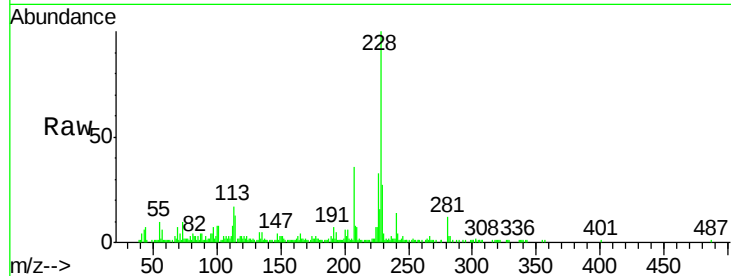
ClientSampleId :

DAC87MSD

Tgt Ion:	228	Resp:	63217
Ion Ratio	Lower	Upper	
228	100		
226	33.0	24.5	36.7
229	27.1	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 1.81 ng/ul

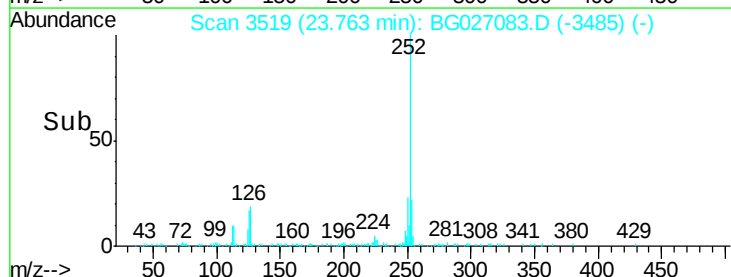
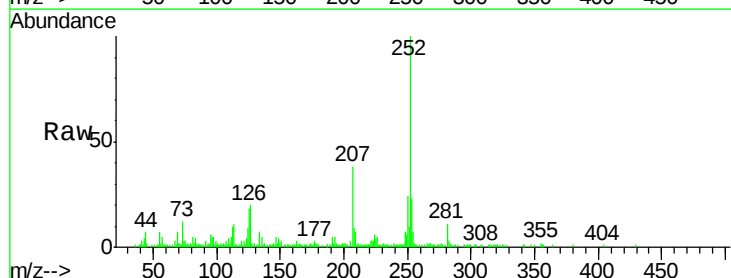
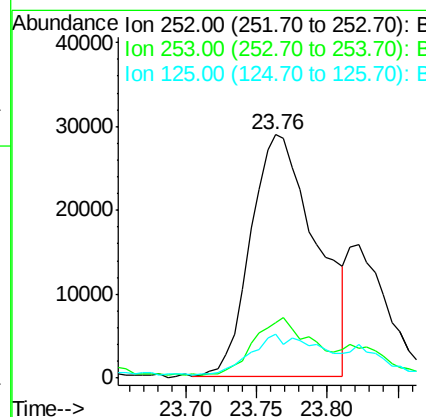
RT: 23.76 min Scan# 3519

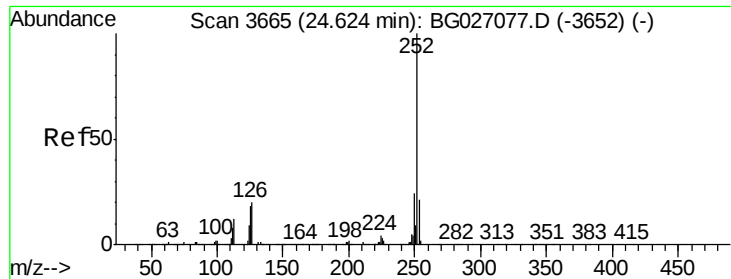
Delta R.T. -0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

Tgt Ion:	252	Resp:	93506
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	18.2	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG027083.D

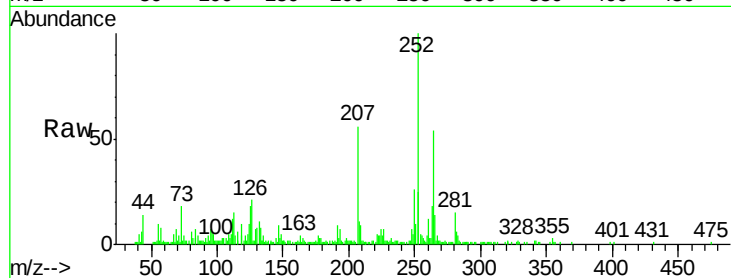
Acq: 23 May 2017 7:24

Instrument :

BNA_G

ClientSampleId :

DAC87MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	17.6	8.2	12.4

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