

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027140.D
 Acq On : 24 May 2017 22:47
 Operator : SJ/MA
 Sample : I3277-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACA5

Manual Integrations
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Quant Time: May 25 05:18:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	175567	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	844107	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	428330	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	768627	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	685918	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	611338	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	840102	19.12	ng/ul	0.00
10) Fluorene-d10	15.61	176	544220	18.57	ng/ul	0.00
14) Anthracene-d10	17.45	188	735442m	19.62	ng/ul	0.00
18) Pyrene-d10	19.73	212	724692	20.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	605401	19.93	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	74533	1.73	ng/ul	99
16) Fluoranthene	19.40	202	152049	3.46	ng/ul#	92
19) Pyrene	19.76	202	132275	2.95	ng/ul#	90
20) Benzo(a)anthracene	21.58	228	76498	1.85	ng/ul	94
21) Chrysene	21.65	228	79911	2.11	ng/ul	94
23) Benzo(b)fluoranthene	23.77	252	95991	2.64	ng/ul#	86
24) Benzo(k)fluoranthene	23.81	252	51365m	1.37	ng/ul	
26) Benzo(a)pyrene	24.63	252	63887	1.80	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.38	276	34502m	1.06	ng/ul	

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

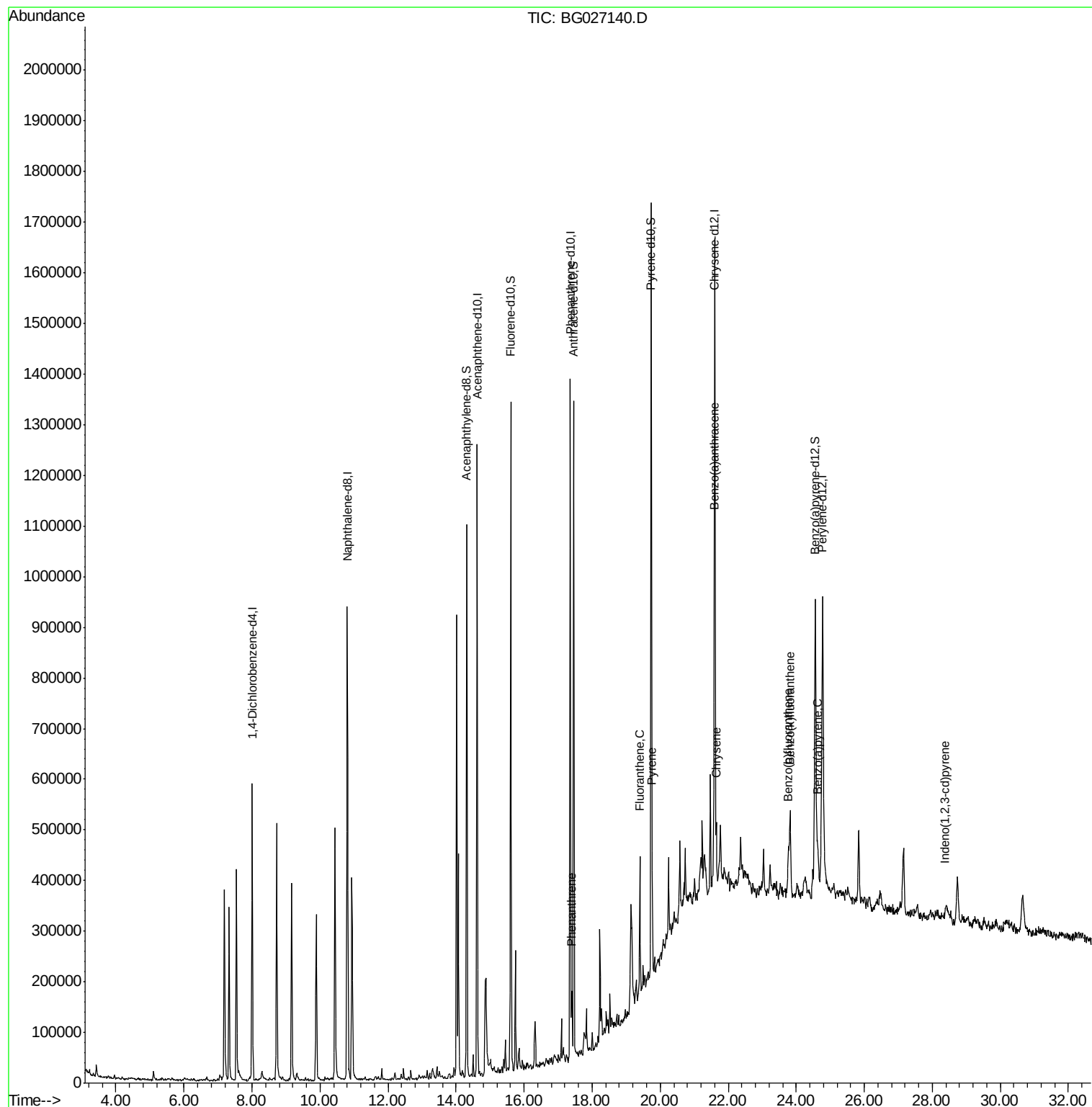
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027140.D
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Operator : SJ/MA
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ALS Vial : 10 Sample Multiplier: 1

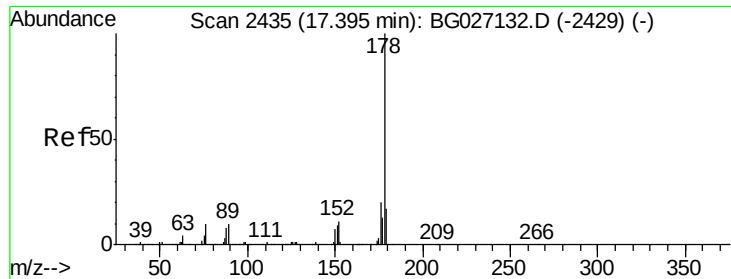
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
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#13

Phenanthrene

Concen: 1.73 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027140.D

Acq: 24 May 2017 22:47

Instrument :

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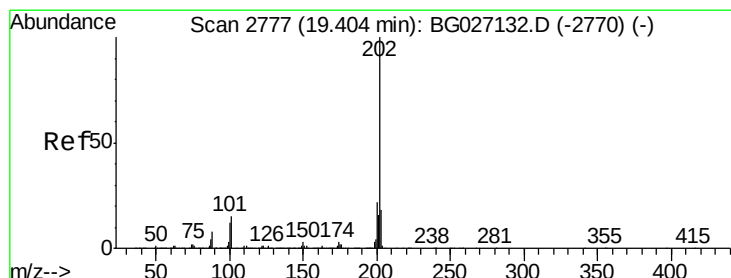
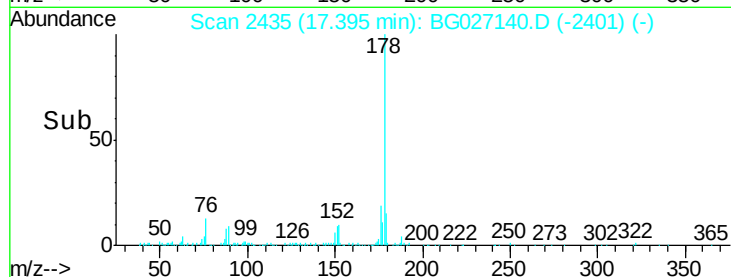
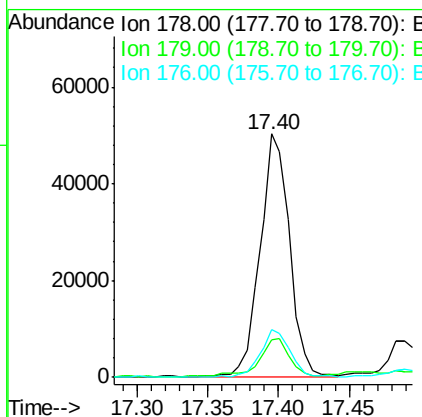
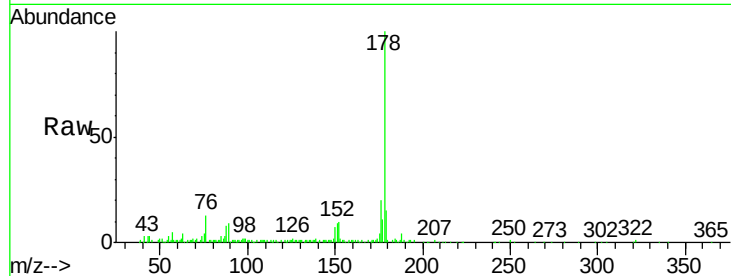
ClientSampleId :

DACA5

Tgt Ion:	178	Resp:	74533
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.5	15.1	22.7

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#16

Fluoranthene

Concen: 3.46 ng/ul

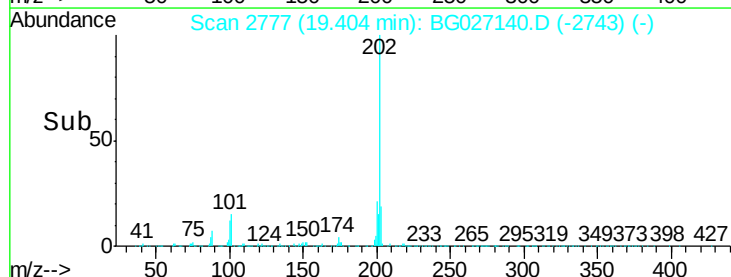
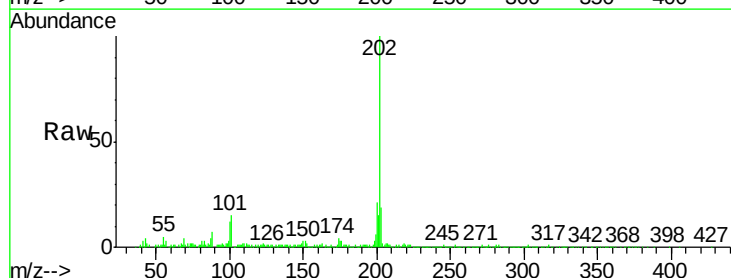
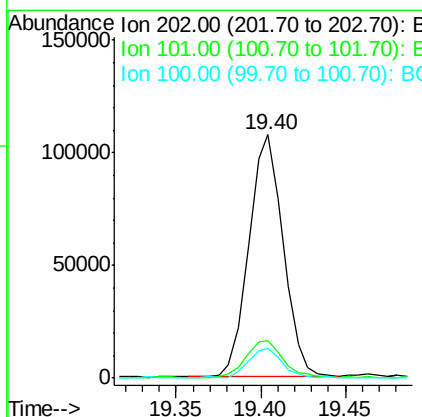
RT: 19.40 min Scan# 2777

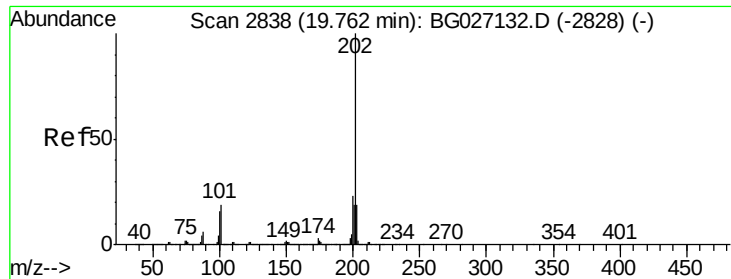
Delta R.T. 0.00 min

Lab File: BG027140.D

Acq: 24 May 2017 22:47

Tgt Ion:	202	Resp:	152049
Ion Ratio	Lower	Upper	
202	100		
101	15.4	9.9	14.9#
100	12.4	7.4	11.0#





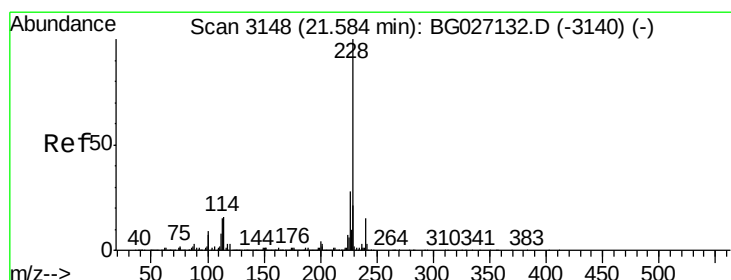
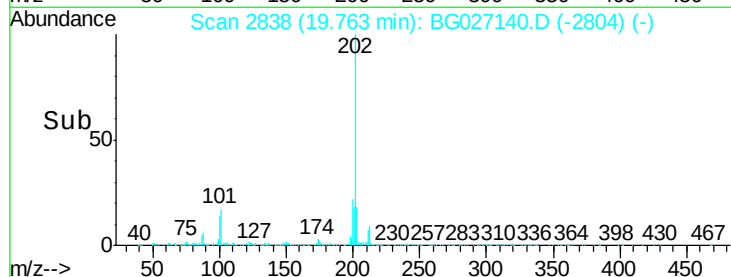
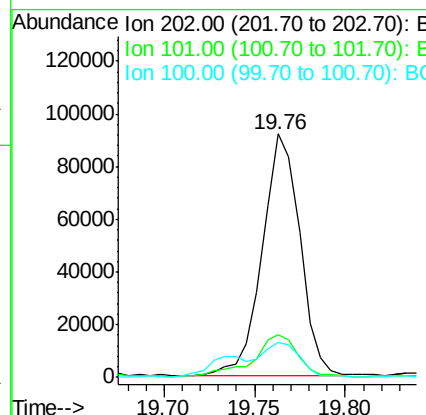
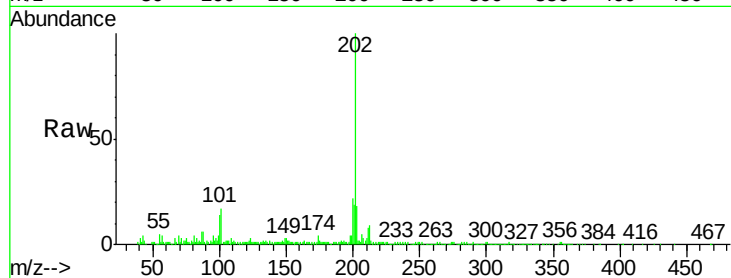
#19
 Pyrene
 Concen: 2.95 ng/ul
 RT: 19.76 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG027140.D
 Acq: 24 May 2017 22:47

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.4	11.0	16.4#
100	14.3	8.1	12.1#

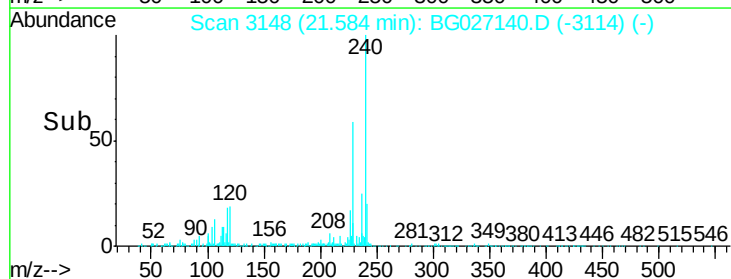
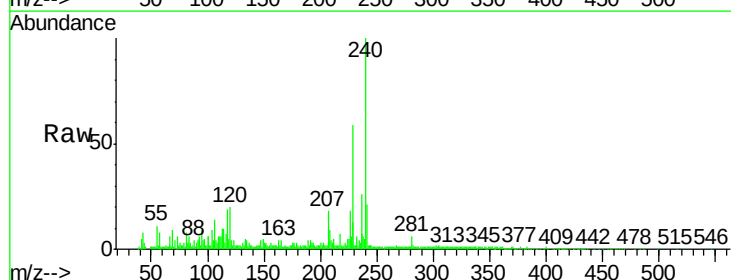
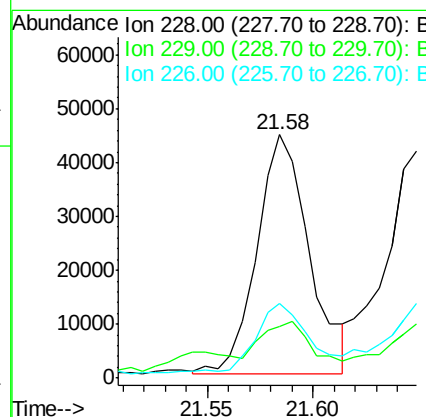
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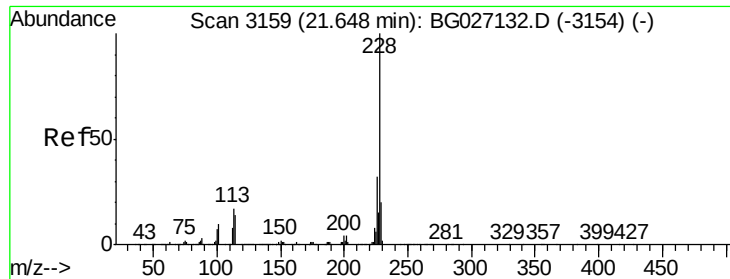
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#20
 Benzo(a)anthracene
 Concen: 1.85 ng/ul
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG027140.D
 Acq: 24 May 2017 22:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	15.7	23.5
226	30.5	21.1	31.7





#21

Chrysene

Concen: 2.11 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027140.D

Acq: 24 May 2017 22:47

Instrument :

BNA_G

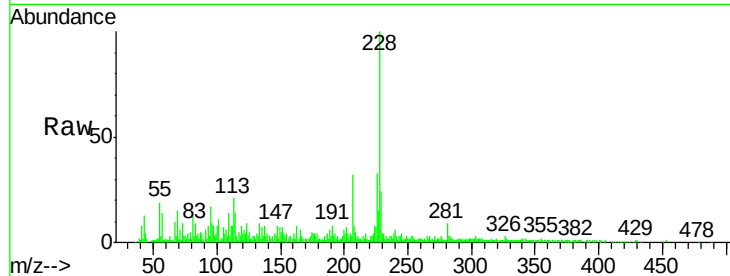
ClientSampleId :

DACA5

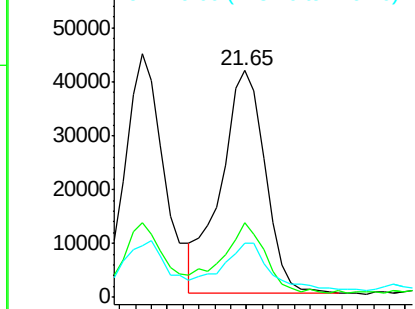
Tgt Ion:	228	Resp:	79911
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.5	36.7
229	23.7	15.8	23.8

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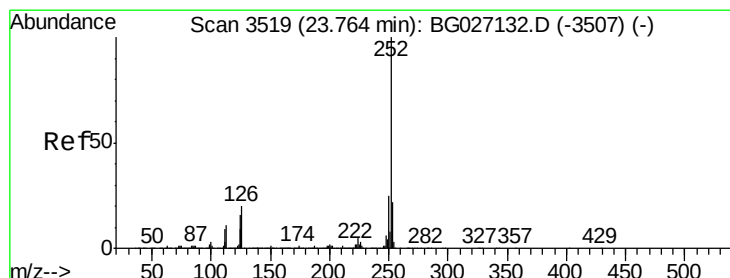
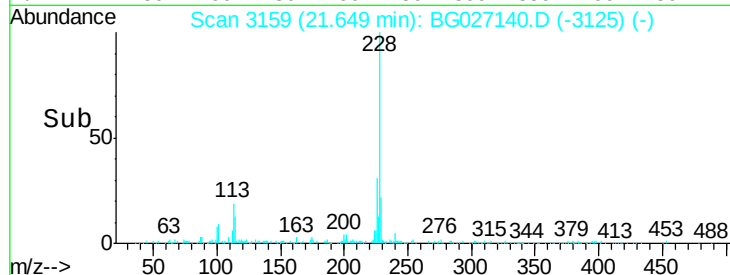
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 2.64 ng/ul

RT: 23.77 min Scan# 3520

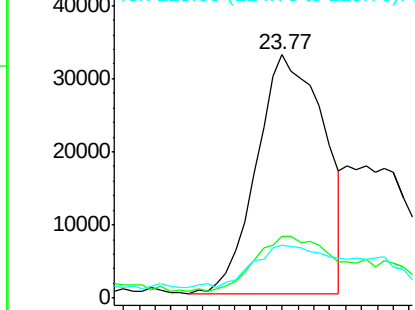
Delta R.T. 0.01 min

Lab File: BG027140.D

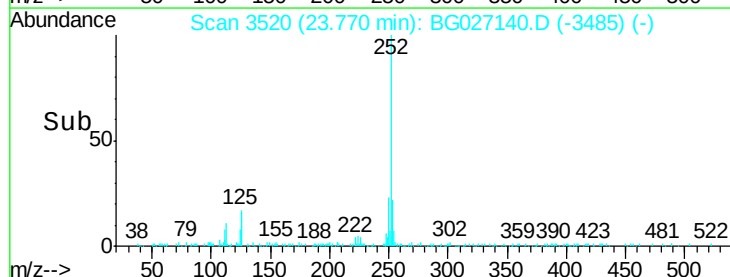
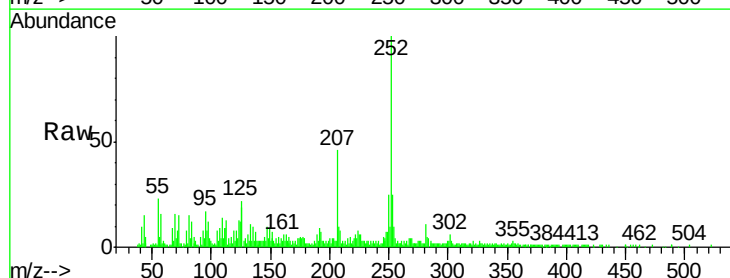
Acq: 24 May 2017 22:47

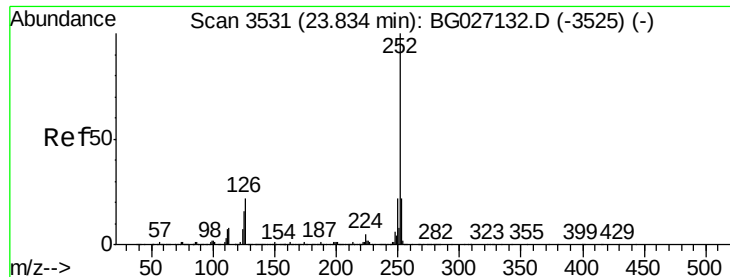
Tgt Ion:	252	Resp:	95991
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.0	27.0
125	21.7	8.0	12.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#24

Benzo(k)fluoranthene

Concen: 1.37 ng/ul m

RT: 23.81 min Scan# 3527

Delta R.T. -0.02 min

Lab File: BG027140.D

Acq: 24 May 2017 22:47

Instrument :

BNA_G

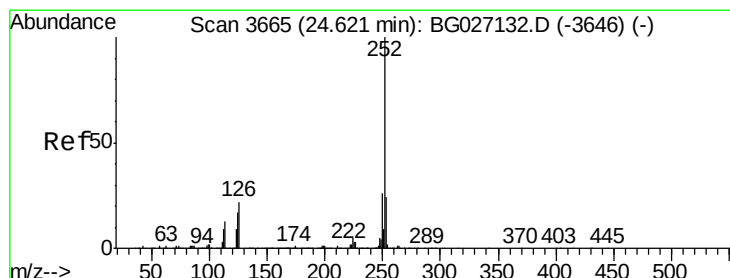
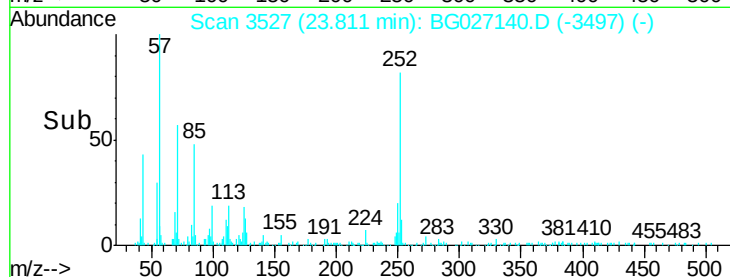
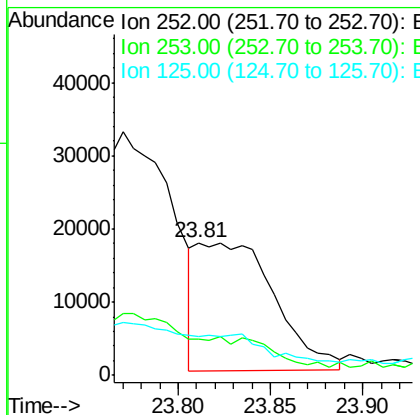
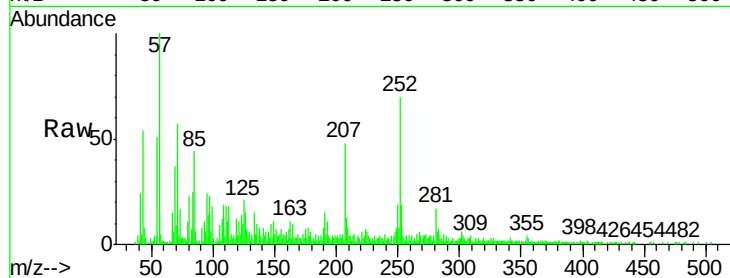
ClientSampled :

DACA5

Tgt Ion:	252	Resp:	51365
Ion Ratio	Lower	Upper	
252	100		
253	27.1	18.0	27.0#
125	29.4	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 1.80 ng/ul

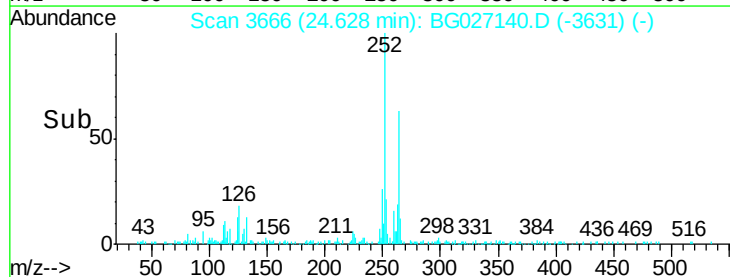
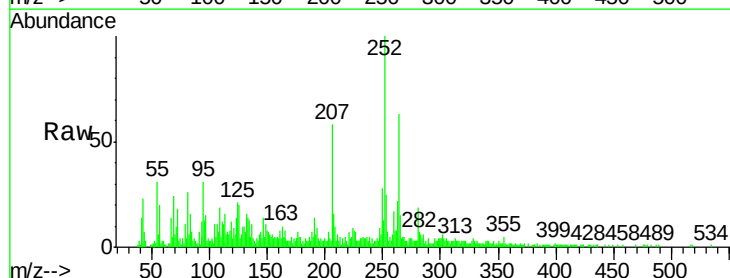
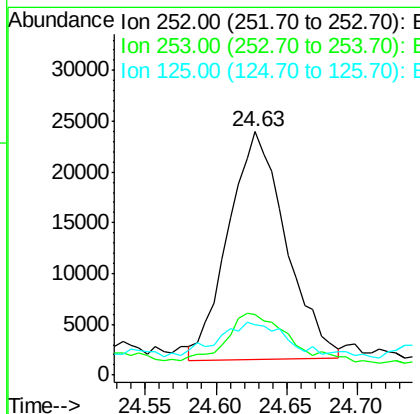
RT: 24.63 min Scan# 3666

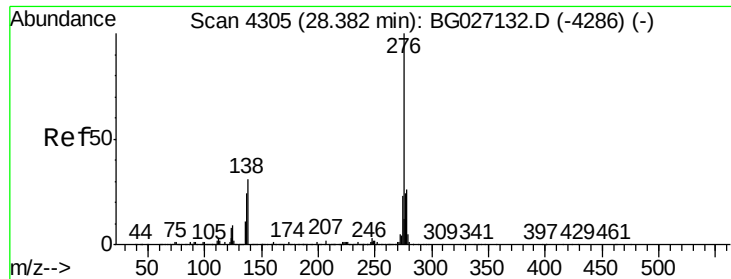
Delta R.T. 0.01 min

Lab File: BG027140.D

Acq: 24 May 2017 22:47

Tgt Ion:	252	Resp:	63887
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.2	25.8
125	20.8	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul m

RT: 28.38 min Scan# 4305

Delta R.T. 0.00 min

Lab File: BG027140.D

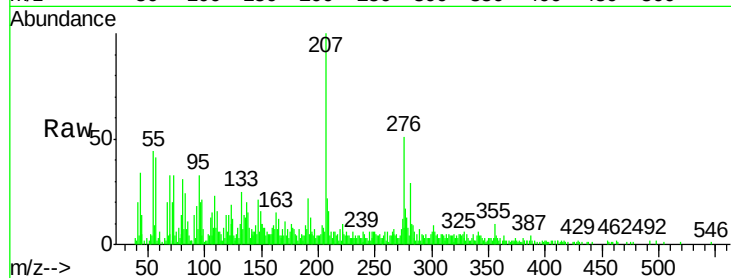
Acq: 24 May 2017 22:47

Instrument :

BNA_G

ClientSampleId :

DACA5



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.8	14.4	21.6#	
277	32.6	18.0	27.0#	

Manual Integrations
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