

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026249.D
 Acq On : 16 Mar 2017 00:56
 Operator : SJ/MA
 Sample : I2236-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABG0

Manual Integrations
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 3/17/2017 1:08:21 PM

Quant Time: Mar 16 04:28:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 04:25:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64577	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	355039	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	227240	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	531841	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	537037	20.00	ng/ul	0.00
22) Perylene-d12	24.81	264	501784	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	451135	23.97	ng/ul	0.00
10) Fluorene-d10	15.64	176	337011	23.32	ng/ul	0.00
14) Anthracene-d10	17.49	188	472810	19.66	ng/ul	0.00
18) Pyrene-d10	19.76	212	502822	19.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	450551	20.29	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.43	178	120430	4.25	ng/ul	Ovalue 99
16) Fluoranthene	19.43	202	237596	7.62	ng/ul	99
19) Pyrene	19.79	202	196743	6.05	ng/ul#	97
20) Benzo(a)anthracene	21.61	228	130063m	4.31	ng/ul	
21) Chrysene	21.68	228	143173	4.96	ng/ul	97
23) Benzo(b)fluoranthene	23.80	252	251036	8.66	ng/ul#	97
24) Benzo(k)fluoranthene	23.86	252	81426m	2.91	ng/ul	
26) Benzo(a)pyrene	24.67	252	138291	4.93	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.43	276	115288	3.51	ng/ul#	89
28) Dibenzo(a,h)anthracene	28.46	278	36343m	1.34	ng/ul	
29) Benzo(g,h,i)perylene	29.57	276	106560m	3.93	ng/ul	

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

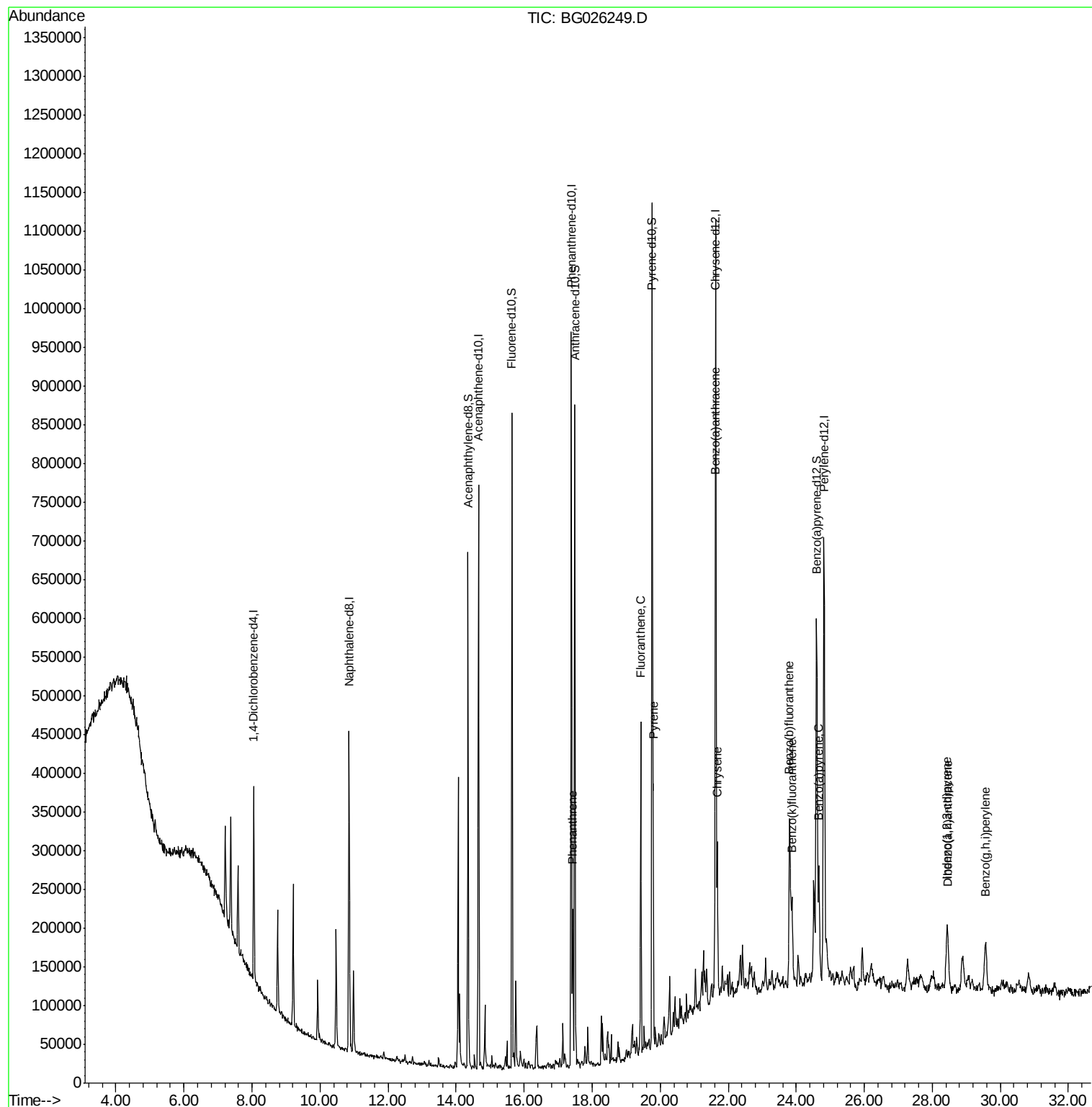
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026249.D
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Sample : I2236-02
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ALS Vial : 16 Sample Multiplier: 1

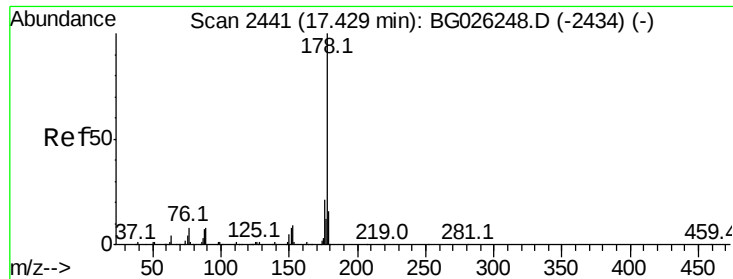
Instrument :
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Quant Time: Mar 16 04:28:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 04:25:12 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 4.25 ng/ul

RT: 17.43 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Instrument :

BNA_G

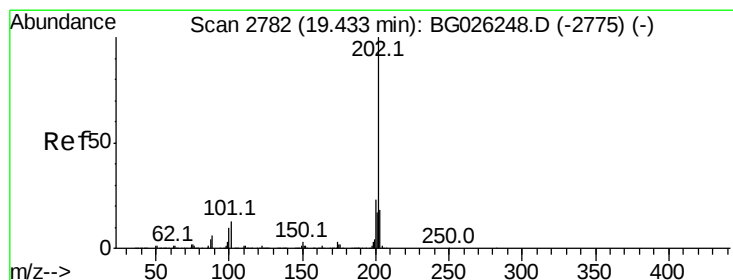
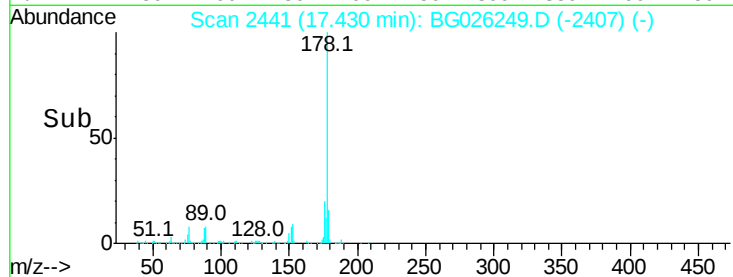
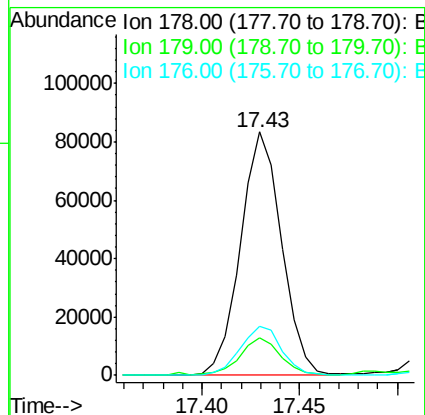
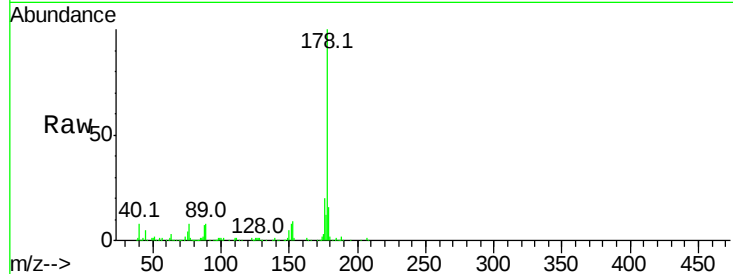
ClientSampled :

DABG0

Tot Ion:	178	Resp:	120430
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.9	15.1	22.7

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#16

Fluoranthene

Concen: 7.62 ng/ul

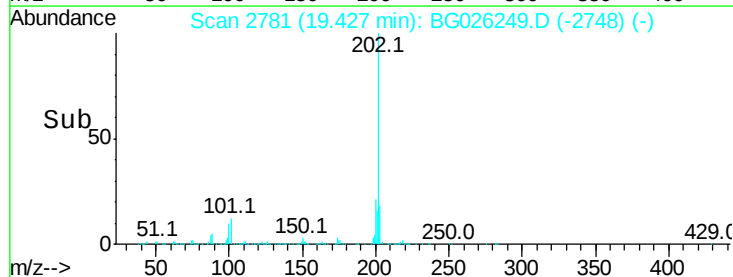
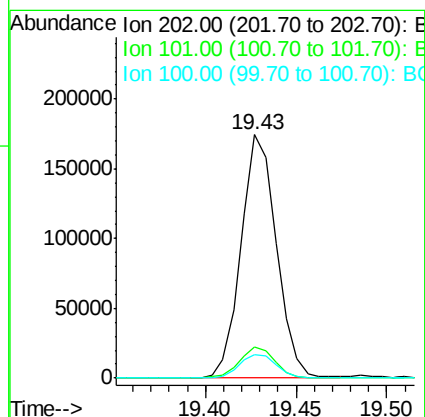
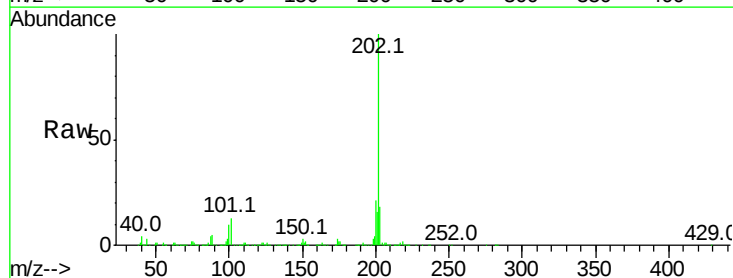
RT: 19.43 min Scan# 2781

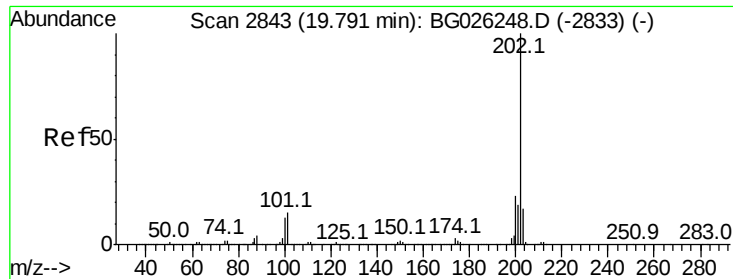
Delta R.T. -0.01 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Tgt Ion:	202	Resp:	237596
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.9	14.9
100	9.8	7.4	11.0





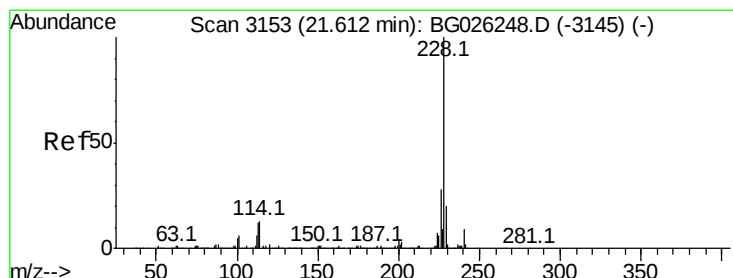
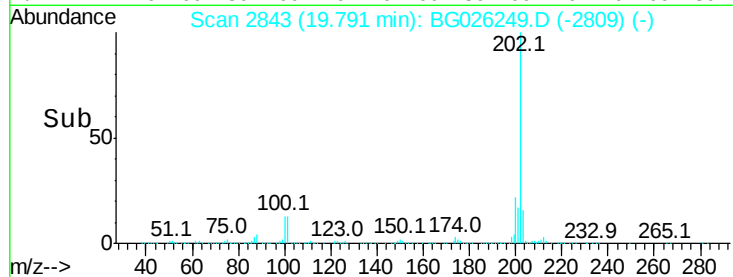
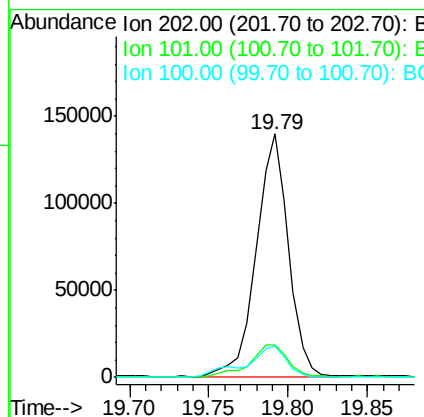
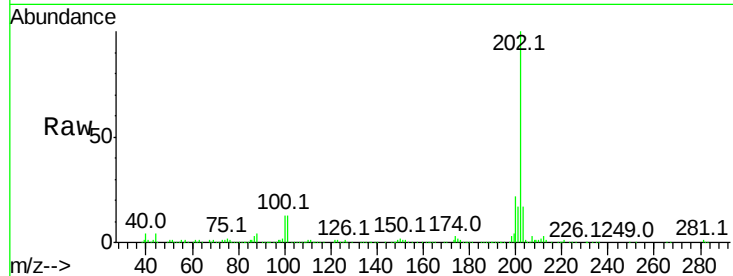
#19
Pvrene
Concen: 6.05 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026249.D
Acq: 16 Mar 2017 00:56

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	11.0	16.4
100	12.5	8.1	12.1

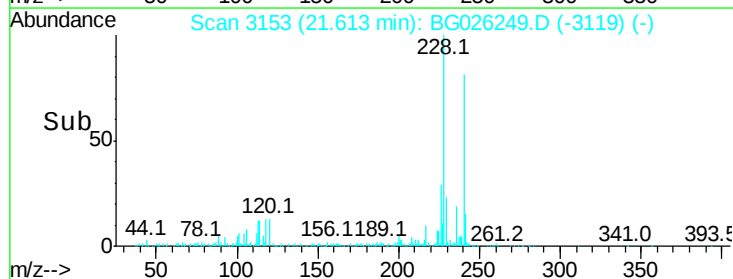
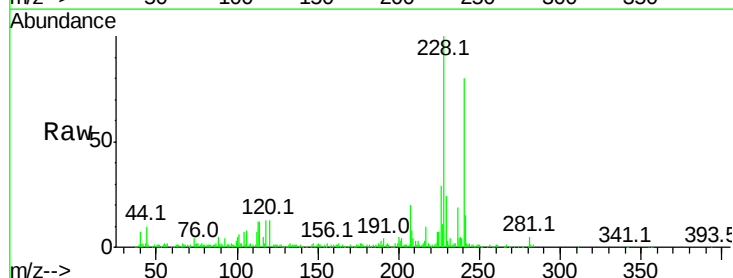
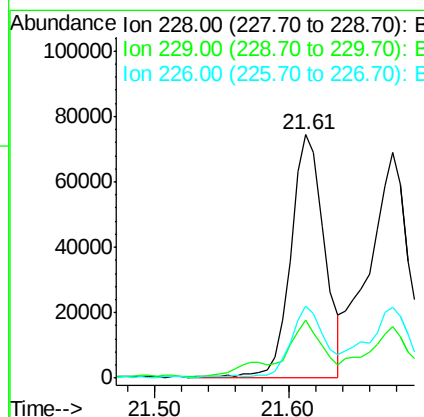
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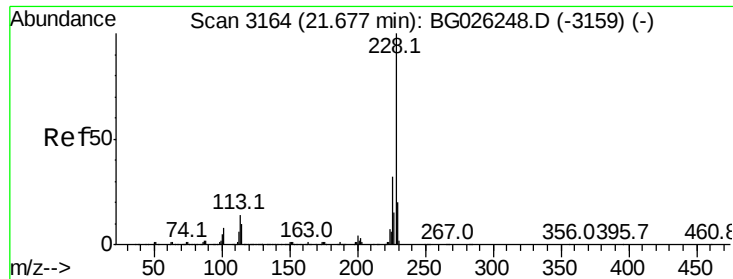
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#20
Benzo(a)anthracene
Concen: 4.31 ng/ul m
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026249.D
Acq: 16 Mar 2017 00:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.6	15.7	23.5
226	29.4	21.1	31.7





#21

Chrysene

Concen: 4.96 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Instrument :

BNA_G

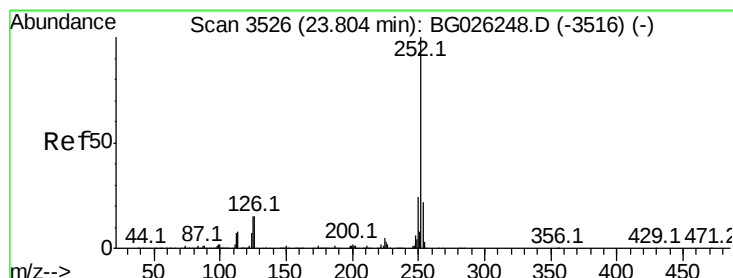
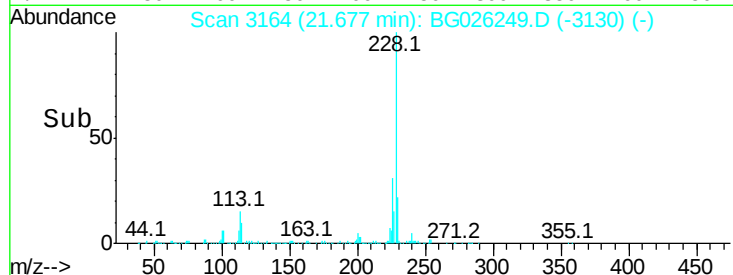
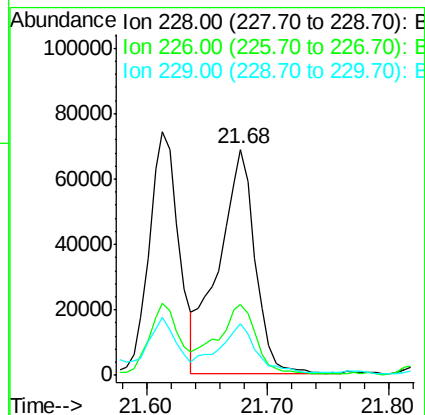
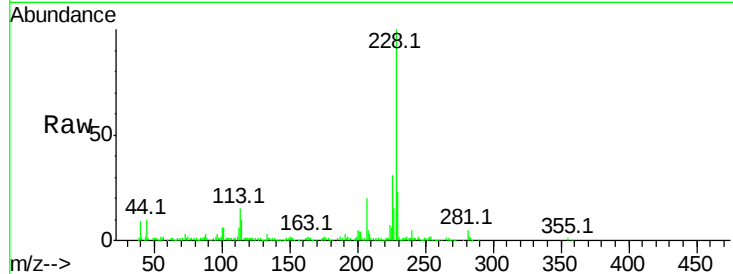
ClientSampleId :

DABG0

Tot Ion:	228	Resp:	143173
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.5	36.7
229	22.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 8.66 ng/ul

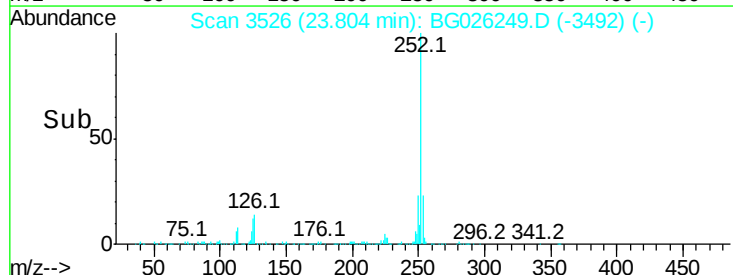
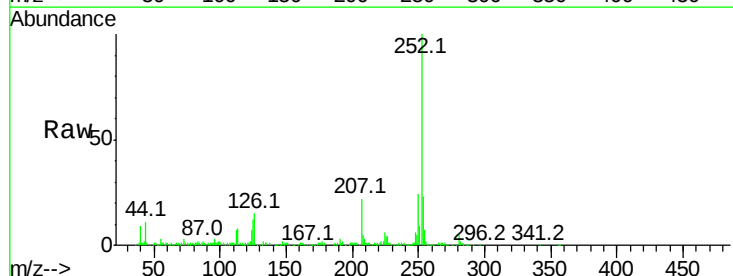
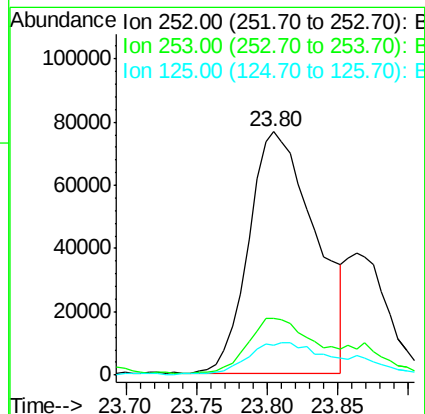
RT: 23.80 min Scan# 3526

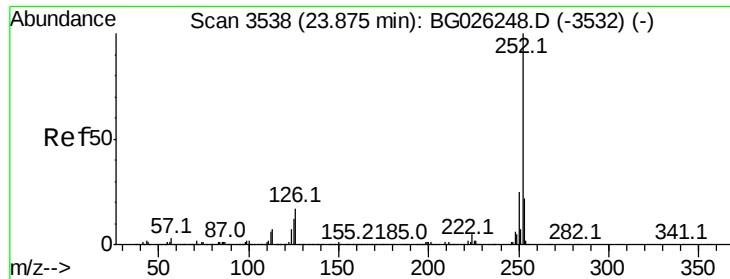
Delta R.T. 0.00 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Tgt Ion:	252	Resp:	251036
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	12.1	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.91 ng/ul m

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Instrument :

BNA_G

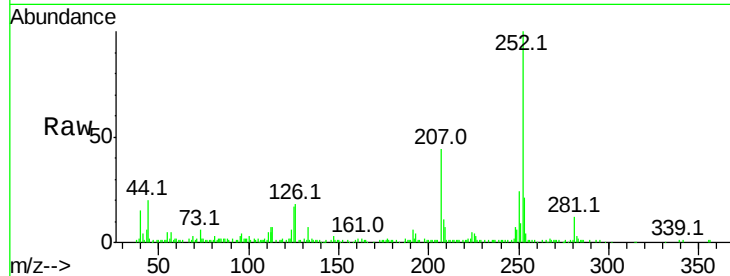
ClientSampled :

DABG0

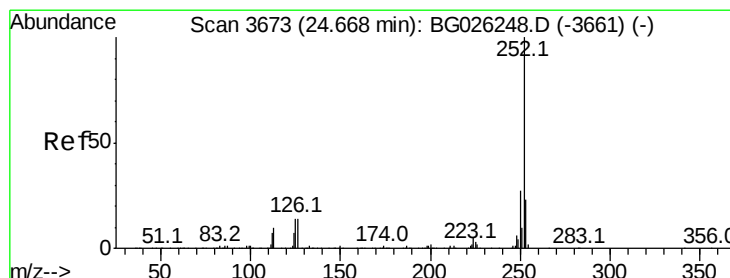
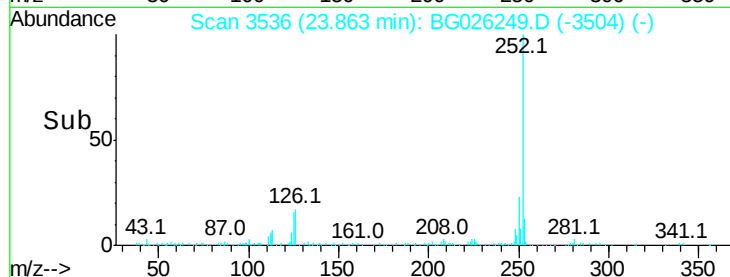
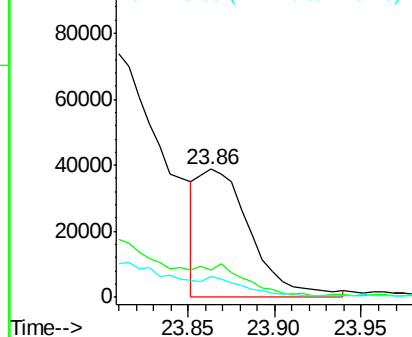
Tot Ion:	252	Resp:	81426
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	16.5	8.1	12.1#

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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



#26

Benzo(a)pyrene

Concen: 4.93 ng/ul

RT: 24.67 min Scan# 3673

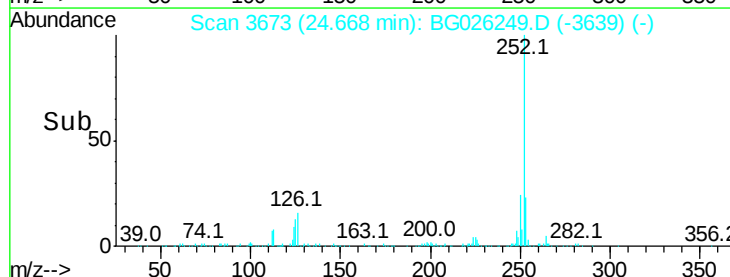
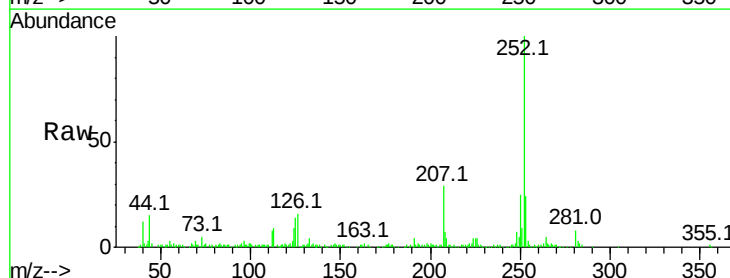
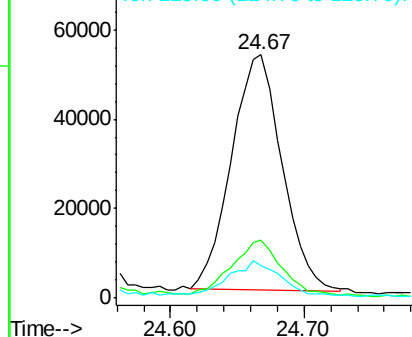
Delta R.T. 0.00 min

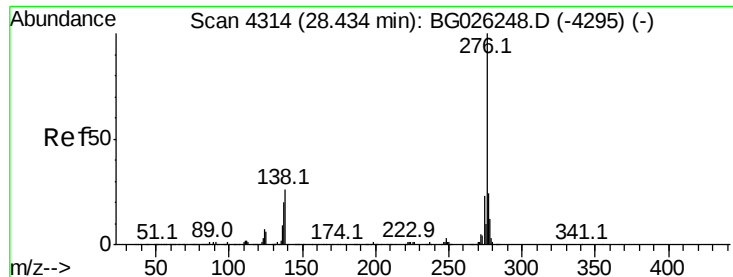
Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Tgt Ion:	252	Resp:	138291
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	13.6	8.2	12.4#

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





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.51 ng/ul

RT: 28.43 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Instrument :

BNA_G

ClientSampleId :

DABG0

Tot Ion:276 Resp: 115288

Ion Ratio Lower Upper

276 100

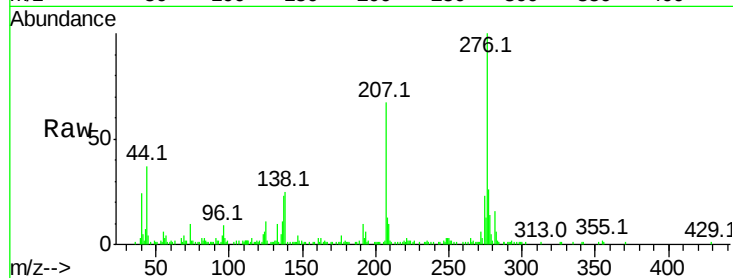
138 25.2 14.4 21.6#

277 25.6 18.0 27.0

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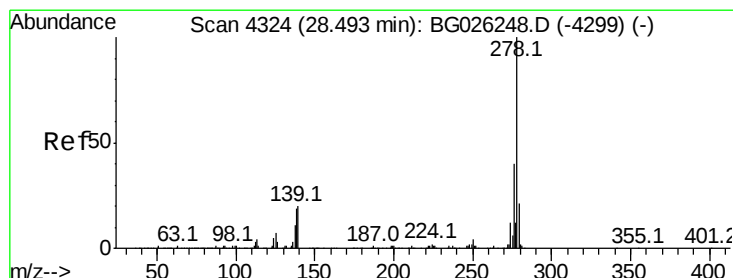
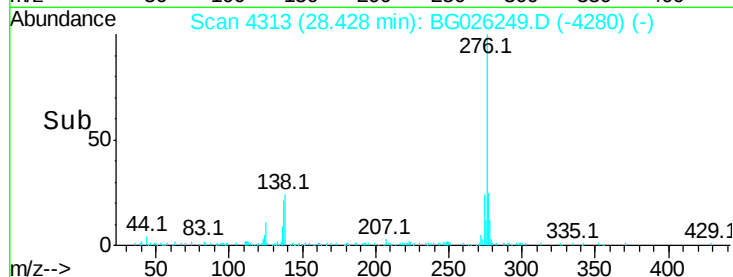
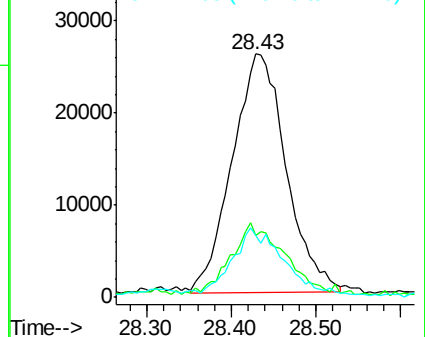
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#28

Dibenzo(a,h)anthracene

Concen: 1.34 ng/ul m

RT: 28.46 min Scan# 4318

Delta R.T. -0.03 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

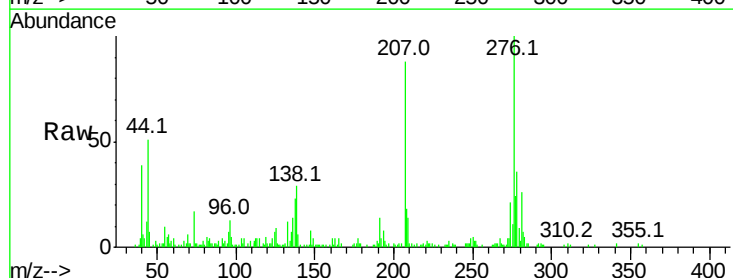
Tgt Ion:278 Resp: 36343

Ion Ratio Lower Upper

278 100

139 17.9 12.2 18.4

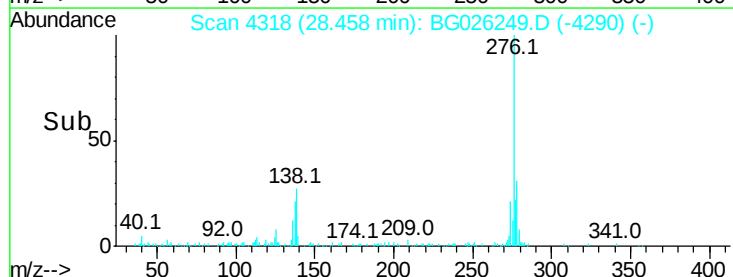
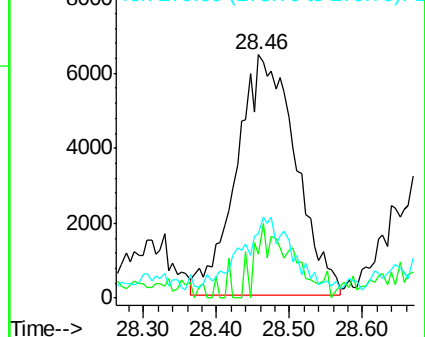
279 26.6 19.2 28.8

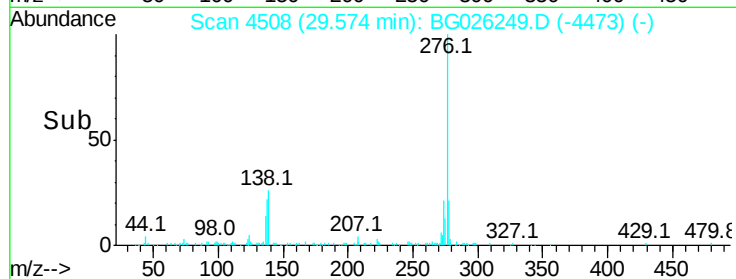
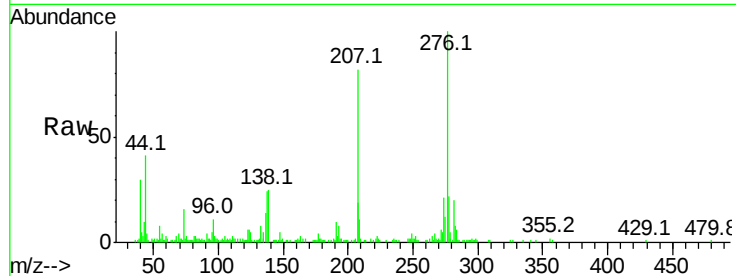
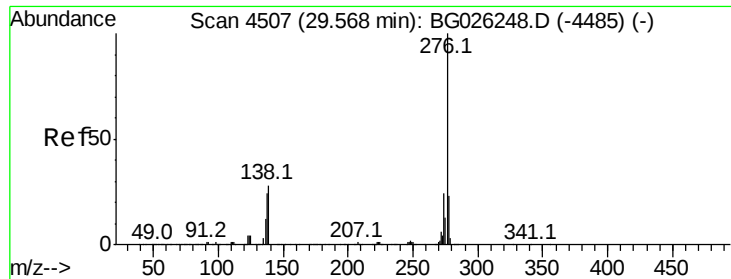


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 3.93 ng/ul m

RT: 29.57 min Scan# 4508

Delta R.T. 0.01 min

Lab File: BG026249.D

Acq: 16 Mar 2017 00:56

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.3	22.9#
277	22.4	19.0	28.4

Instrument :

BNA_G

ClientSampleId :

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