

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026271.D
 Acq On : 16 Mar 2017 15:56
 Operator : SJ/MA
 Sample : I2237-05MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABH3MS

Manual Integrations
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Quant Time: Mar 16 17:06:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	93829	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	457518	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	238030	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	518275	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	569890	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	511363	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.36	160	795050	40.33	ng/ul	0.00
10) Fluorene-d10	15.65	176	551154	36.41	ng/ul	0.00
14) Anthracene-d10	17.49	188	799382	34.12	ng/ul	0.00
18) Pyrene-d10	19.77	212	876496	31.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	814554	35.99	ng/ul	0.01
Target Compounds						
9) Acenaphthene	14.72	153	519960	36.04	ng/ul	Ovalue 98
13) Phenanthrene	17.43	178	86096	3.11	ng/ul	97
16) Fluoranthene	19.44	202	196392	6.46	ng/ul	99
19) Pyrene	19.80	202	1221792	35.43	ng/ul#	94
20) Benzo(a)anthracene	21.62	228	150459	4.69	ng/ul	92
21) Chrysene	21.69	228	168617m	5.50	ng/ul	
23) Benzo(b)fluoranthene	23.82	252	315560	10.68	ng/ul#	92
24) Benzo(k)fluoranthene	23.88	252	86108m	3.02	ng/ul	
26) Benzo(a)pyrene	24.69	252	158381	5.54	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.48	276	78867	2.35	ng/ul#	67
29) Benzo(g,h,i)perylene	29.61	276	72436m	2.62	ng/ul	

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

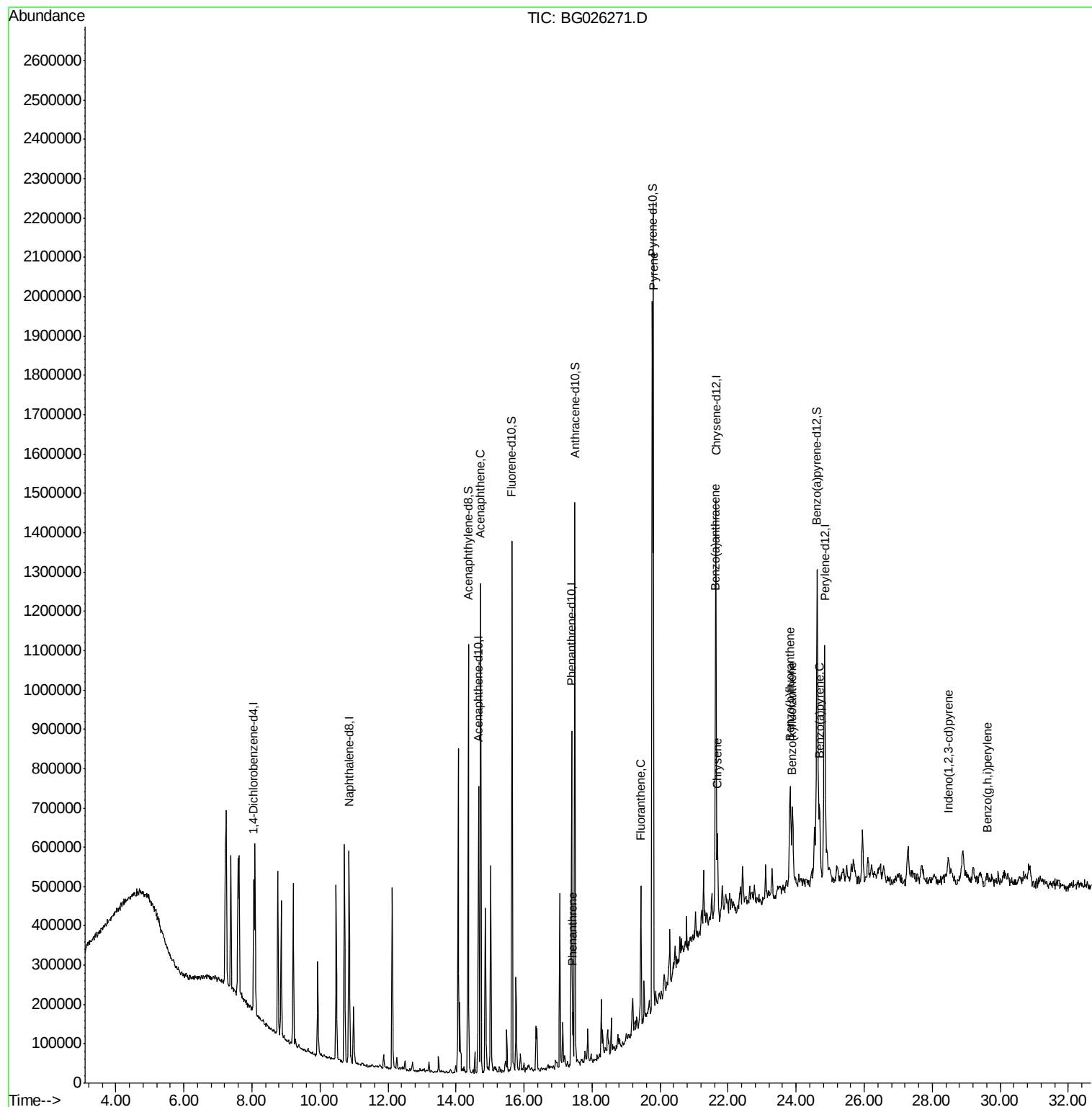
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026271.D
Acq On : 16 Mar 2017 15:56
Operator : SJ/MA
Sample : I2237-05MS
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ALS Vial : 37 Sample Multiplier: 1

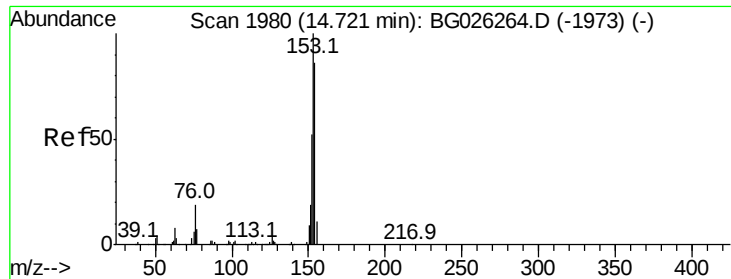
Instrument :
BNA_G
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Quant Time: Mar 16 17:06:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 36.04 ng/ul

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG026271.D

Acq: 16 Mar 2017 15:56

Instrument :

BNA_G

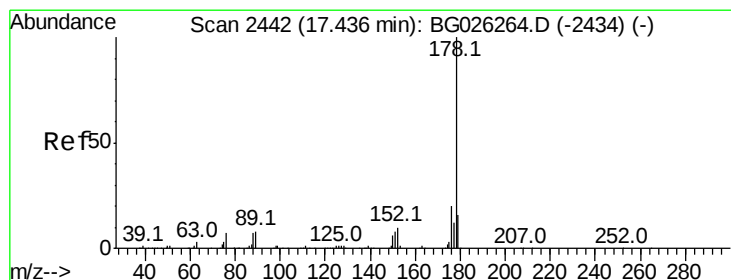
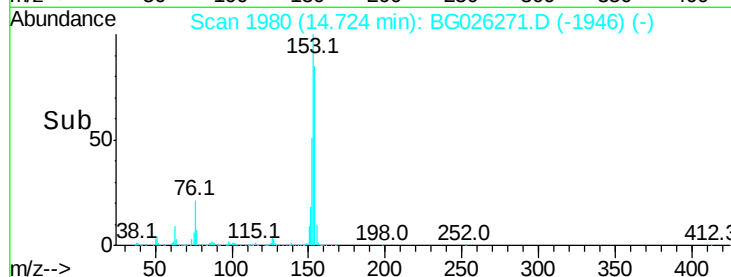
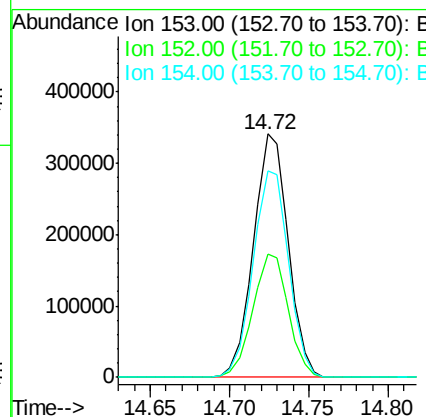
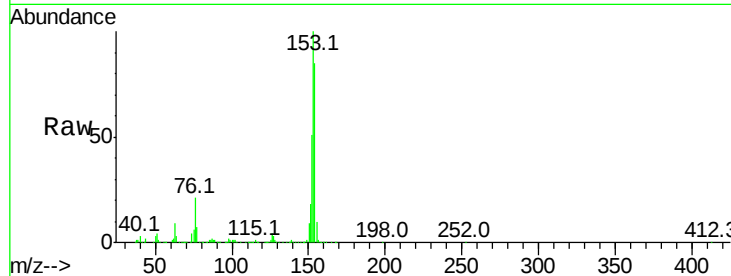
ClientSampleId :

DABH3MS

Tot Ion:	153	Resp:	519960
Ion Ratio	Lower	Upper	
153	100		
152	50.8	39.0	58.6
154	84.9	66.8	100.2

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#13

Phenanthrene

Concen: 3.11 ng/ul

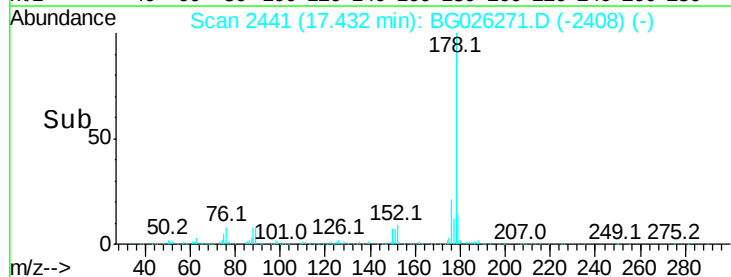
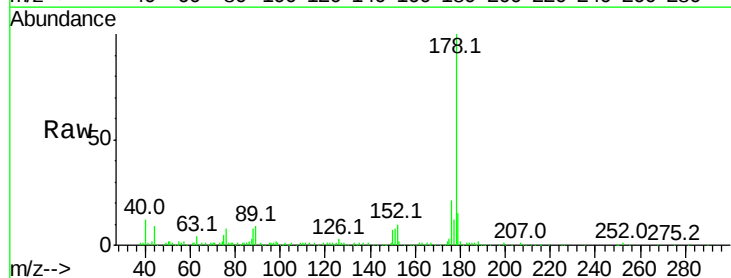
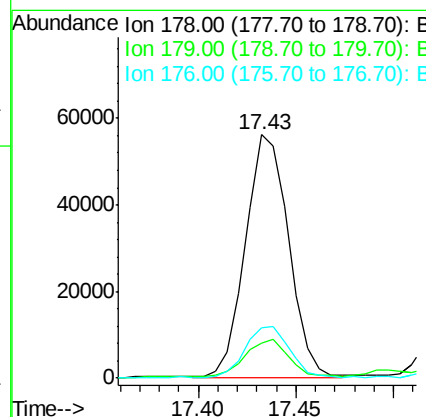
RT: 17.43 min Scan# 2441

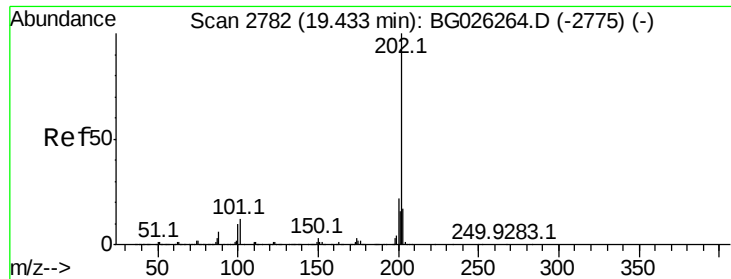
Delta R.T. -0.00 min

Lab File: BG026271.D

Acq: 16 Mar 2017 15:56

Tgt Ion:	178	Resp:	86096
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.3	18.5
176	20.8	15.1	22.7





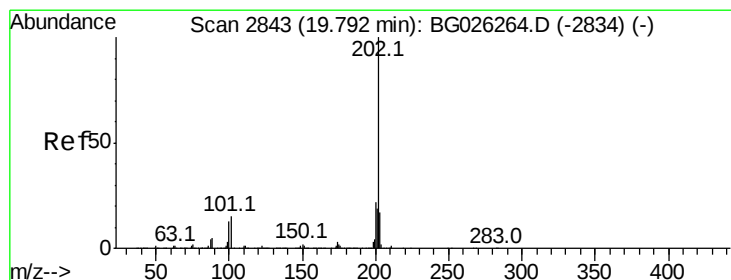
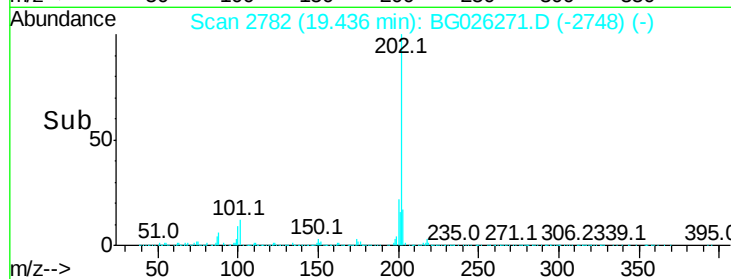
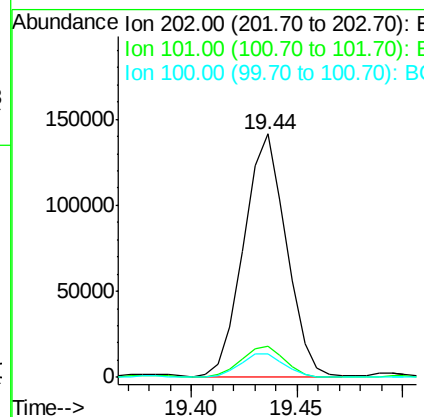
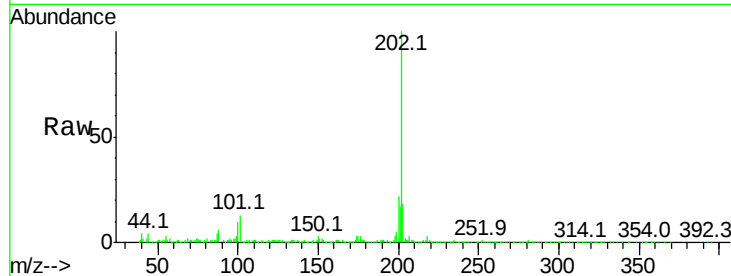
#16
Fluoranthene
 Concen: 6.46 ng/ul
 RT: 19.44 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BG026271.D
 Acq: 16 Mar 2017 15:56

Instrument :
 BNA_G
 ClientSampleId :
 DABH3MS

Tot Ion:	202	Resp:	196392
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.9	14.9
100	9.5	7.4	11.0

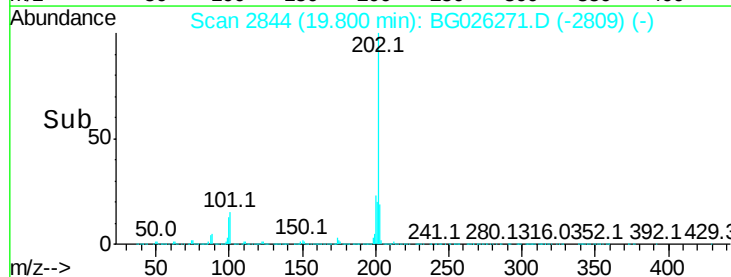
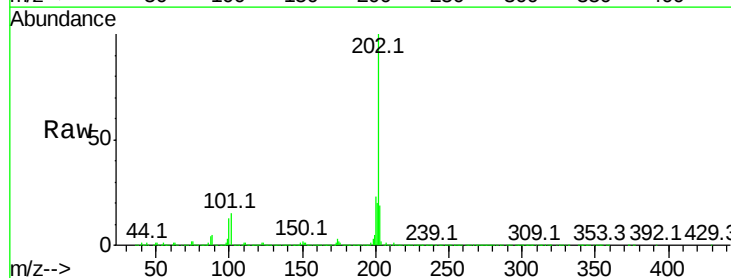
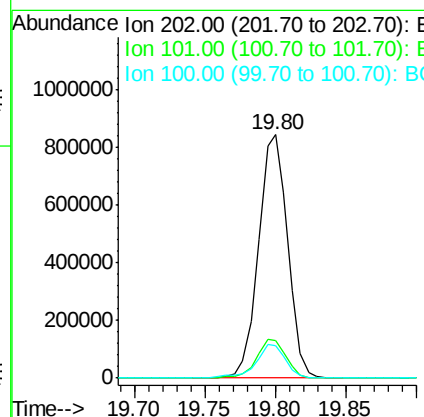
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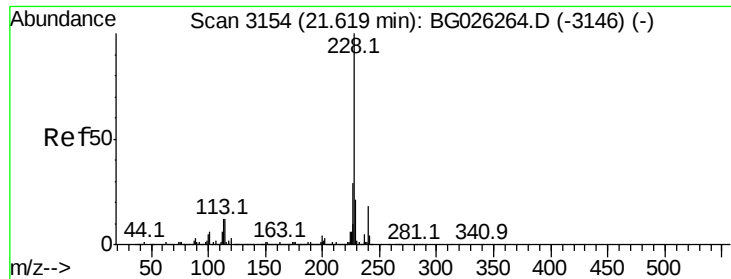
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#19
Pyrene
 Concen: 35.43 ng/ul
 RT: 19.80 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BG026271.D
 Acq: 16 Mar 2017 15:56

Tgt Ion:	202	Resp:	1221792
Ion Ratio	Lower	Upper	
202	100		
101	15.4	11.0	16.4
100	13.3	8.1	12.1#





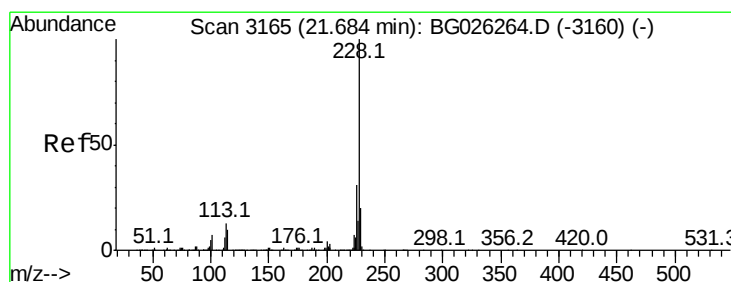
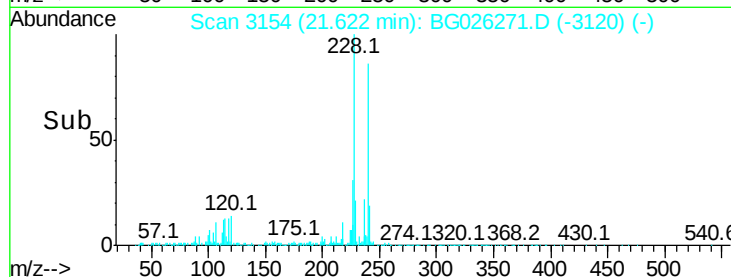
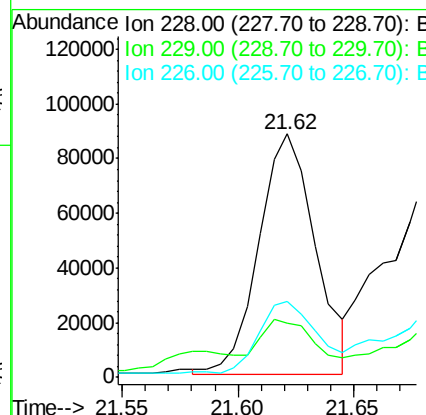
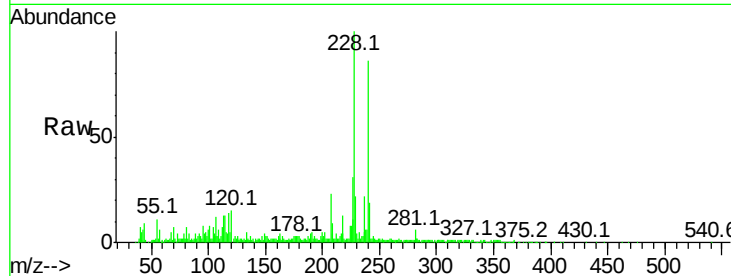
#20
Benzo(a)anthracene
Concen: 4.69 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026271.D
Acq: 16 Mar 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DABH3MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	31.2	21.1	31.7

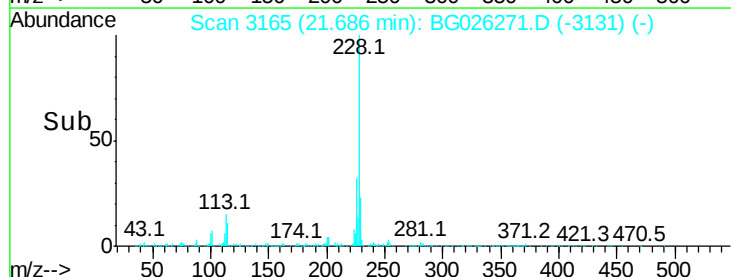
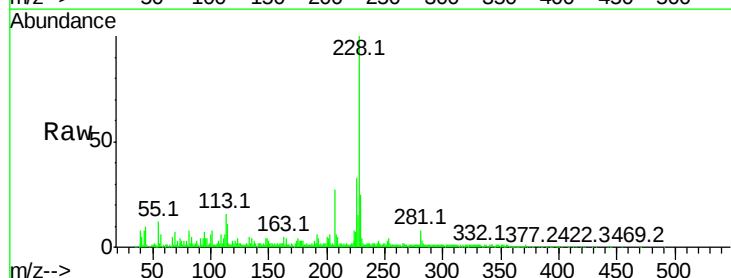
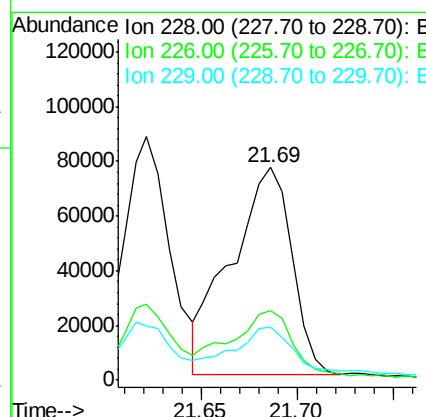
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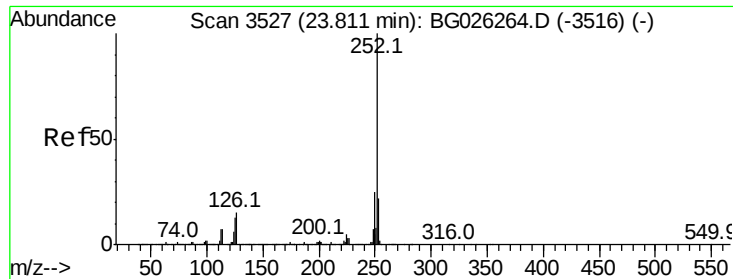
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#21
Chrysene
Concen: 5.50 ng/ul m
RT: 21.69 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026271.D
Acq: 16 Mar 2017 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.5	36.7
229	25.0	15.8	23.8





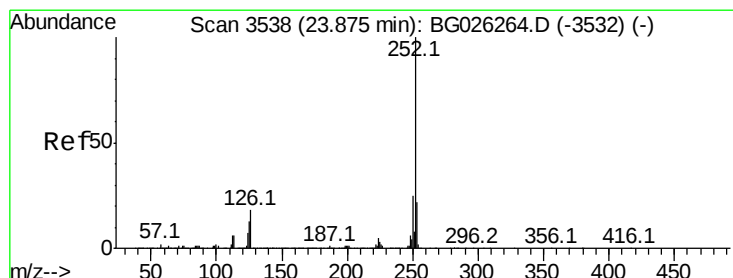
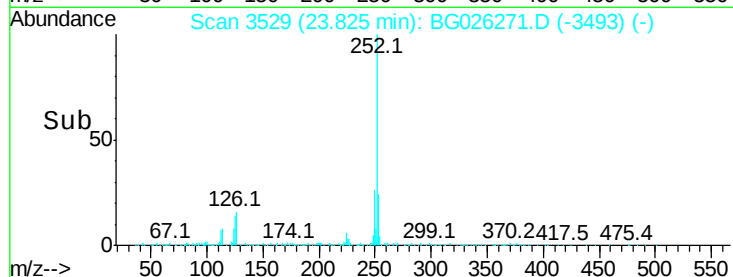
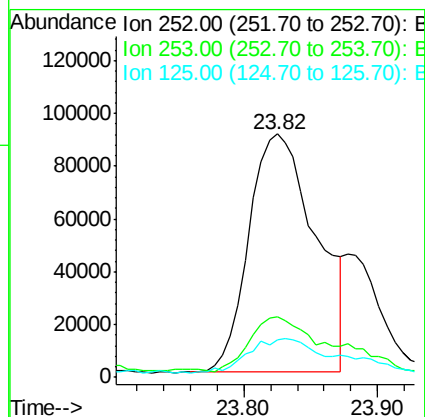
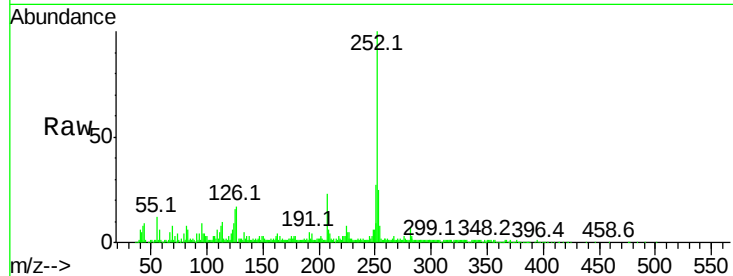
#23
Benzo(b)fluoranthene
Concen: 10.68 ng/ul
RT: 23.82 min Scan# 3529
Delta R.T. 0.01 min
Lab File: BG026271.D
Acq: 16 Mar 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DABH3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	15.6	8.0	12.0

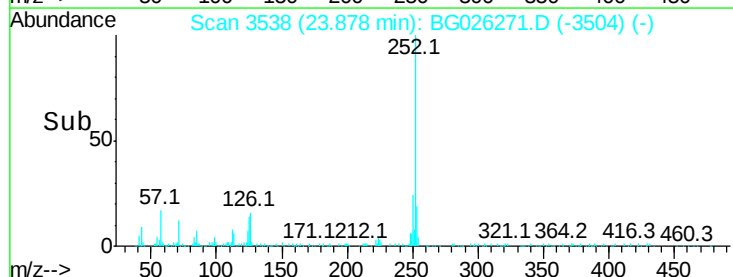
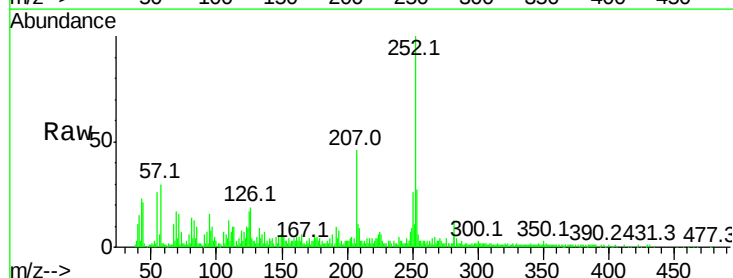
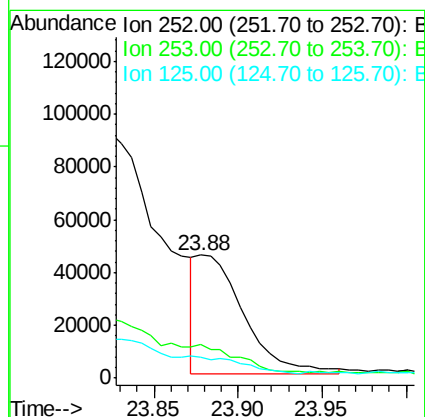
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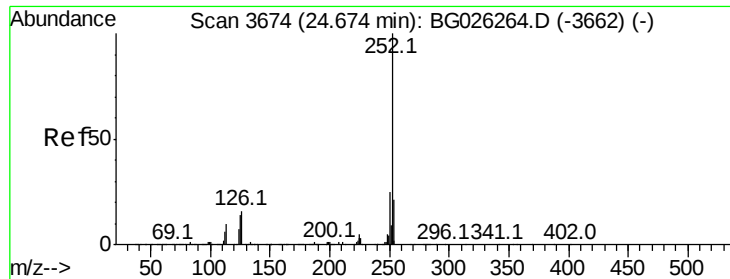
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#24
Benzo(k)fluoranthene
Concen: 3.02 ng/ul m
RT: 23.88 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BG026271.D
Acq: 16 Mar 2017 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.0	27.0
125	17.5	8.1	12.1





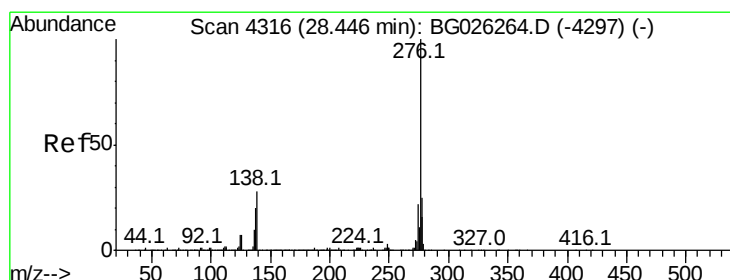
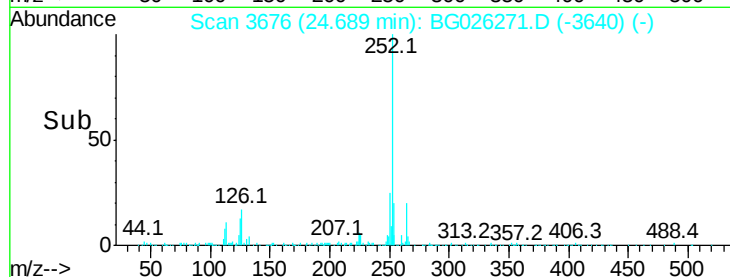
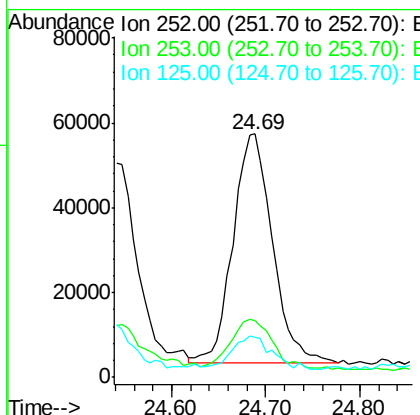
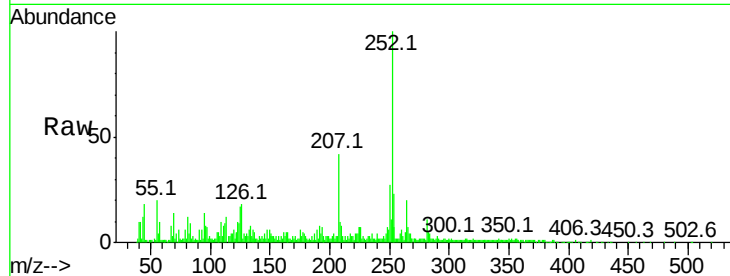
#26
Benzo(a)pyrene
Concen: 5.54 ng/ul
RT: 24.69 min Scan# 3676
Delta R.T. 0.01 min
Lab File: BG026271.D
Acq: 16 Mar 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DABH3MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	158381		
253	23.1	17.2	25.8	
125	16.6	8.2	12.4	

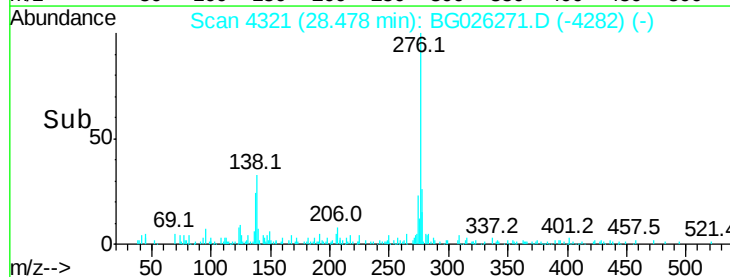
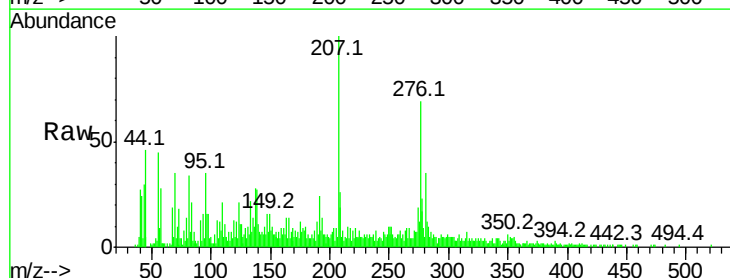
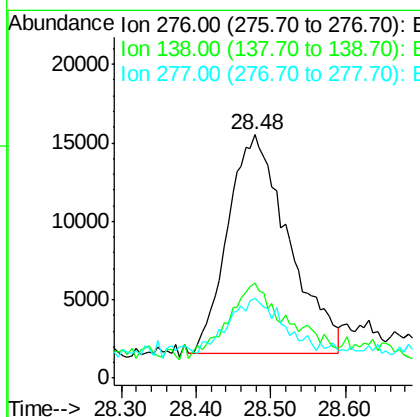
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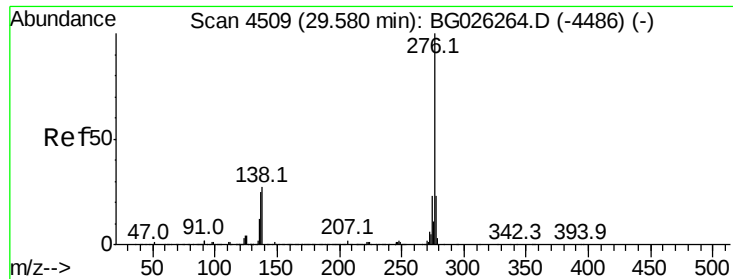
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.35 ng/ul
RT: 28.48 min Scan# 4321
Delta R.T. 0.03 min
Lab File: BG026271.D
Acq: 16 Mar 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	78867		
138	39.2	14.4	21.6	
277	32.7	18.0	27.0	





#29

Benzo(a,h,i)perylene

Concen: 2.62 ng/ul m

RT: 29.61 min Scan# 4514

Delta R.T. 0.03 min

Lab File: BG026271.D

Acq: 16 Mar 2017 15:56

Instrument :

BNA_G

ClientSampleId :

DABH3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	15.3	22.9#
277	26.7	19.0	28.4

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