

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031517\
 Data File : BG026269.D
 Acq On : 16 Mar 2017 14:38
 Operator : SJ/MA
 Sample : I2237-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABH4

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Quant Time: Mar 22 16:39:10 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	85667	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	441350	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	236766	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	511859	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	564301	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	545397	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.35	160	611867	31.21	ng/ul	0.00
10) Fluorene-d10	15.65	176	431111	28.63	ng/ul	0.00
14) Anthracene-d10	17.49	188	598618	25.87	ng/ul	0.00
18) Pyrene-d10	19.77	212	672668	24.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	635881	26.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.43	178	475831	17.43	ng/ul	97
16) Fluoranthene	19.44	202	661378	22.04	ng/ul	98
19) Pyrene	19.79	202	511603	14.98	ng/ul#	96
20) Benzo(a)anthracene	21.62	228	203800	6.42	ng/ul	96
21) Chrysene	21.68	228	260508	8.59	ng/ul	96
23) Benzo(b)fluoranthene	23.81	252	334970	10.63	ng/ul#	96
24) Benzo(k)fluoranthene	23.87	252	107635	3.54	ng/ul#	95
26) Benzo(a)pyrene	24.68	252	195828	6.42	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.46	276	133752	3.74	ng/ul#	86
28) Dibenzo(a,h)anthracene	28.51	278	35656m	1.21	ng/ul	
29) Benzo(g,h,i)perylene	29.60	276	121661	4.13	ng/ul#	89

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

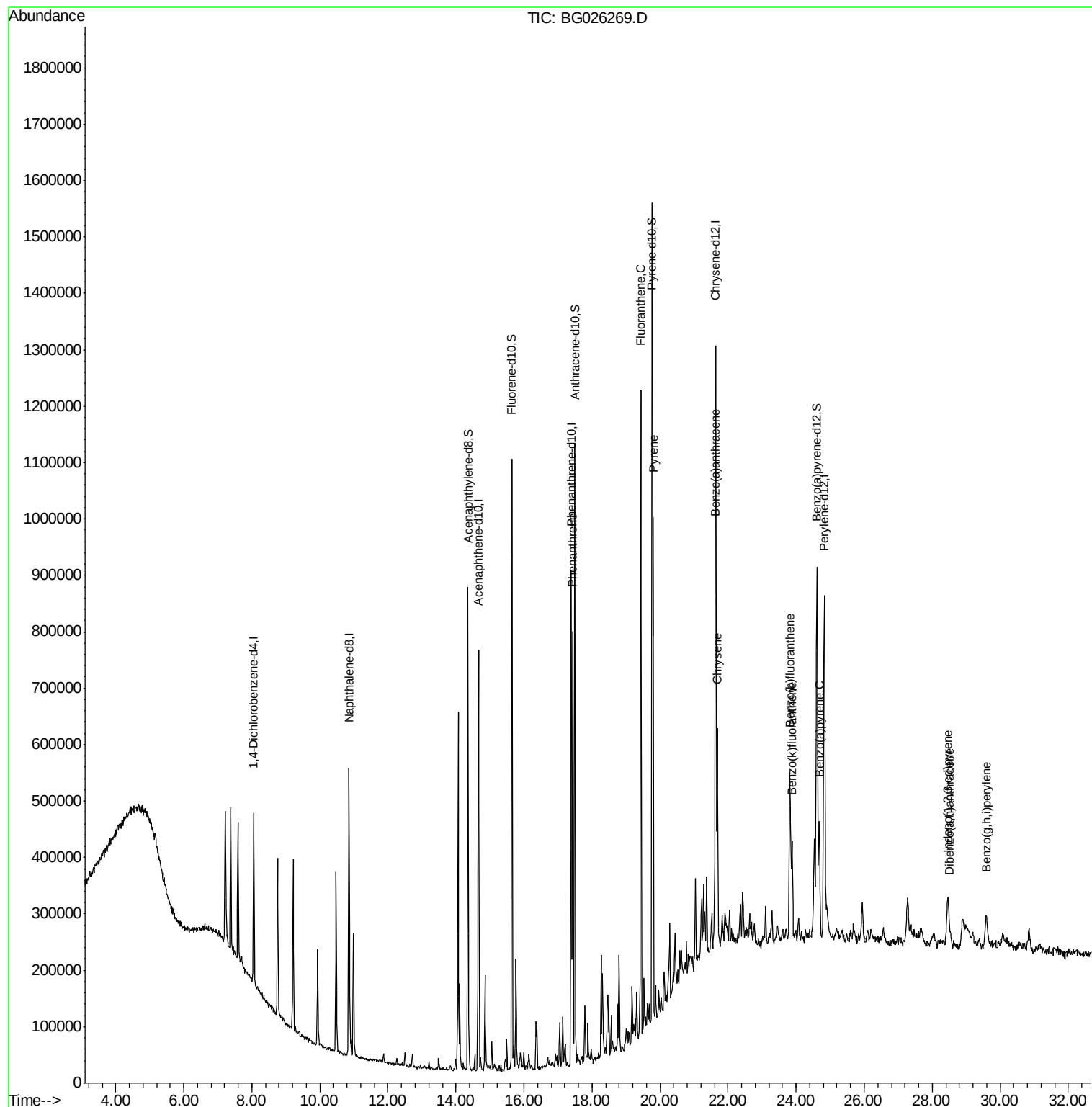
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031517\
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ALS Vial : 35 Sample Multiplier: 1

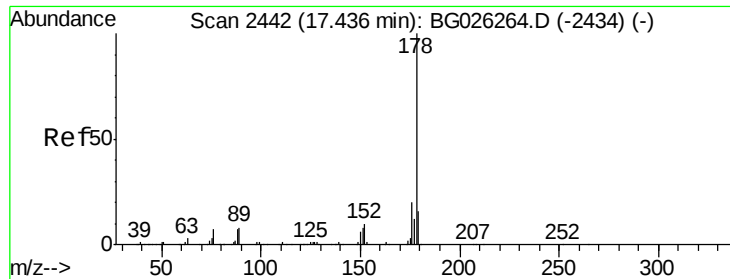
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 17.43 ng/ul

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG026269.D

Acq: 16 Mar 2017 14:38

Instrument :

BNA_G

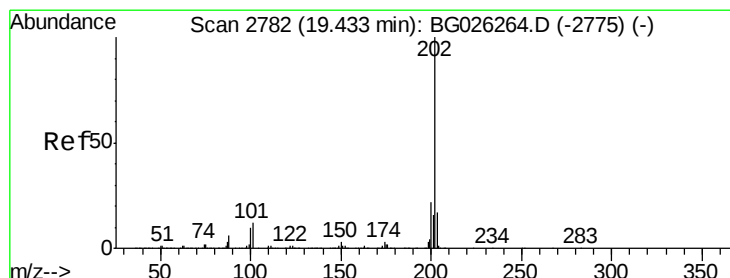
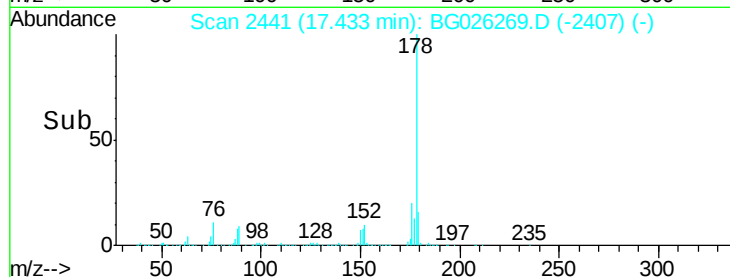
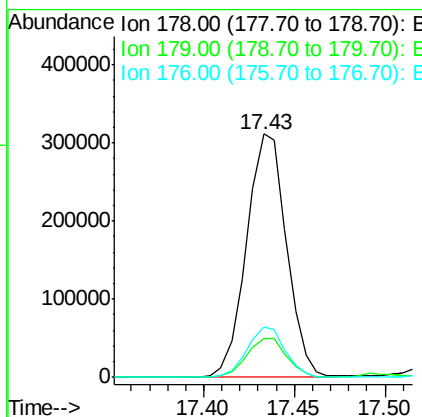
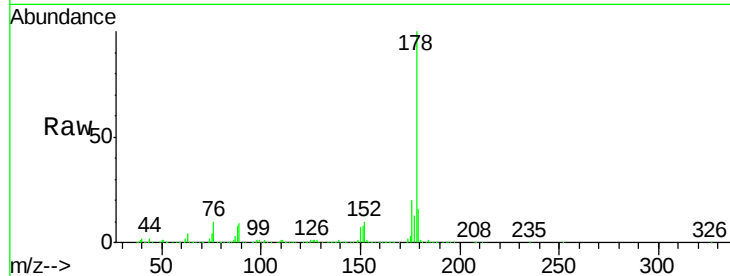
ClientSampleId :

DABH4

Tgt Ion:	178	Resp:	475831
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.3	18.5
176	20.5	15.1	22.7

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#16

Fluoranthene

Concen: 22.04 ng/ul

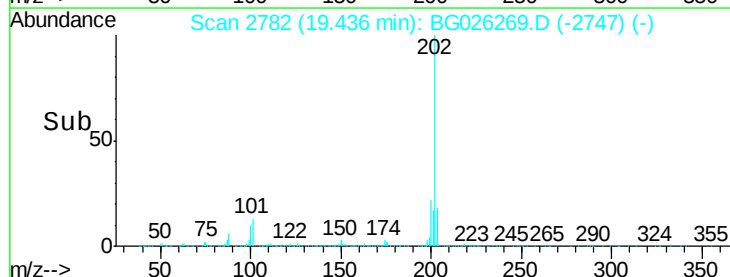
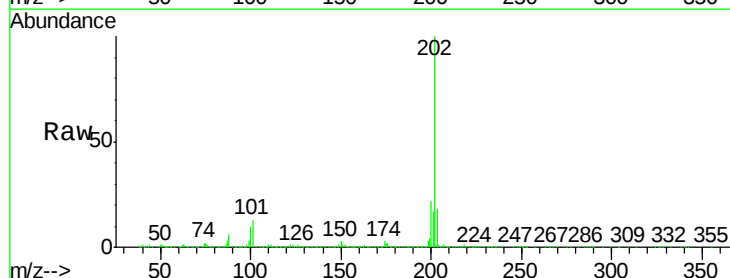
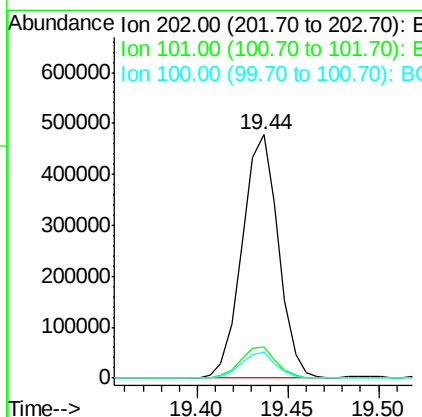
RT: 19.44 min Scan# 2782

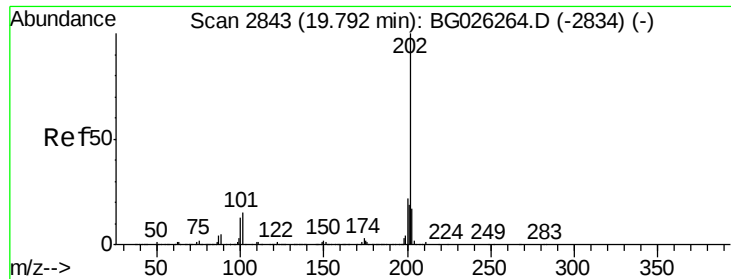
Delta R.T. 0.00 min

Lab File: BG026269.D

Acq: 16 Mar 2017 14:38

Tgt Ion:	202	Resp:	661378
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.9	14.9
100	10.4	7.4	11.0





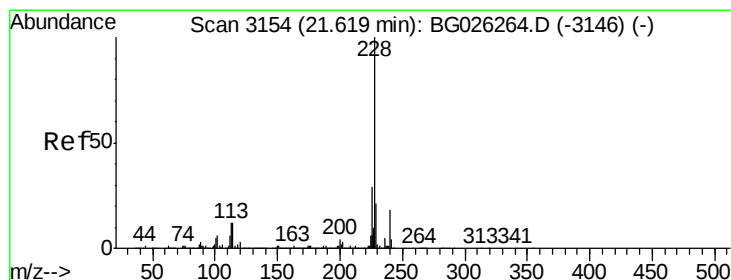
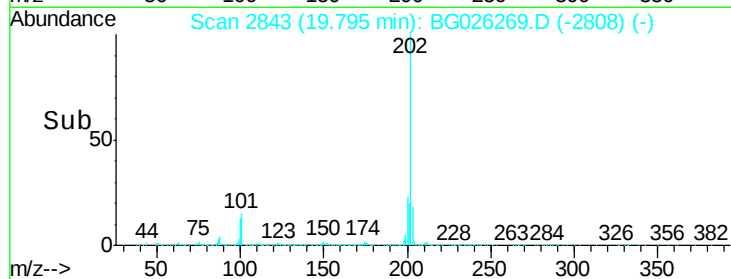
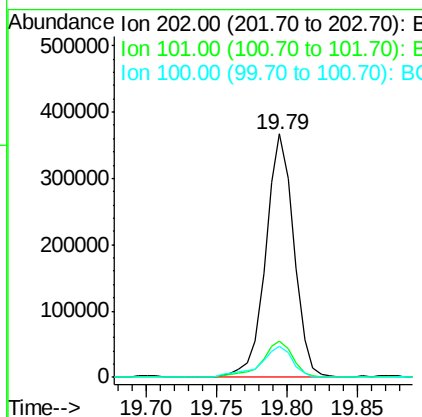
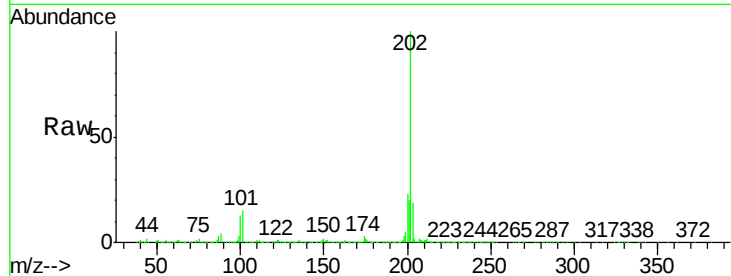
#19
 Pyrene
 Concen: 14.98 ng/ul
 RT: 19.79 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BG026269.D
 Acq: 16 Mar 2017 14:38

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	11.0	16.4
100	12.8	8.1	12.1

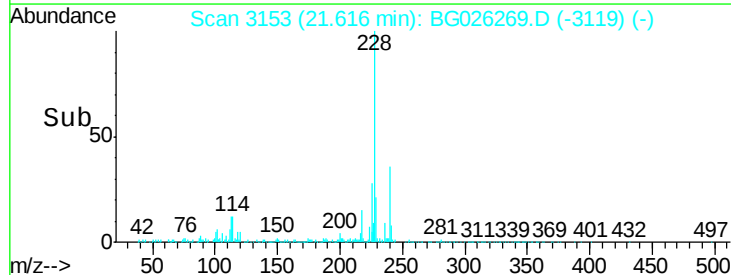
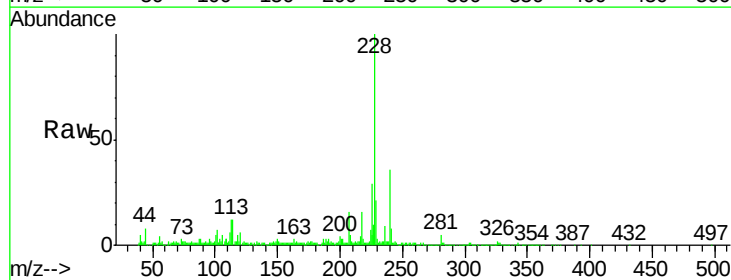
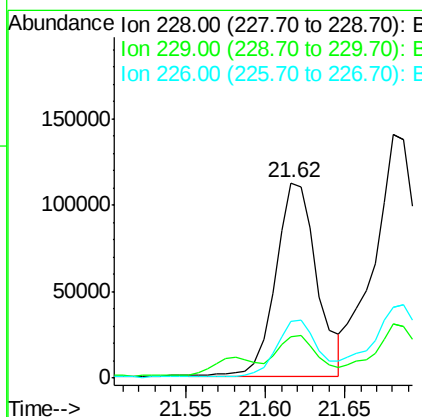
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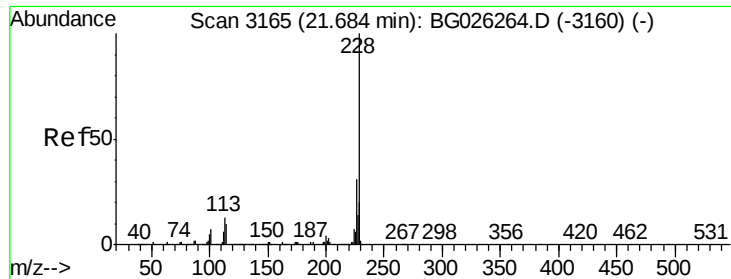
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#20
 Benzo(a)anthracene
 Concen: 6.42 ng/ul
 RT: 21.62 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG026269.D
 Acq: 16 Mar 2017 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	15.7	23.5
226	28.9	21.1	31.7





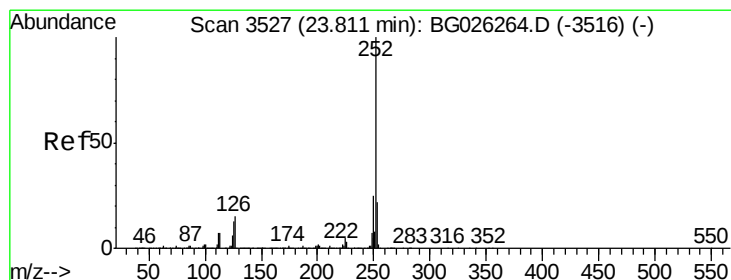
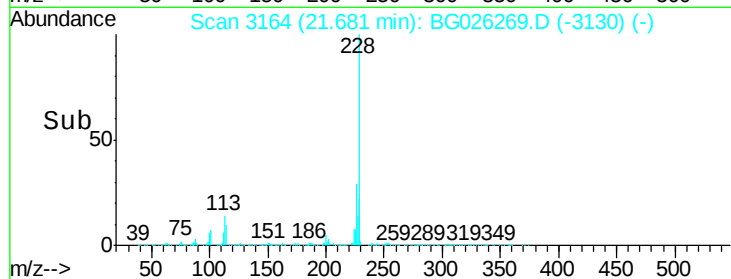
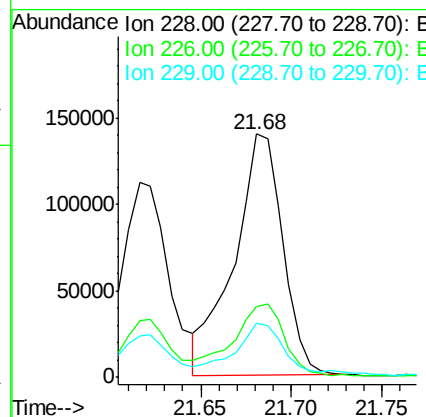
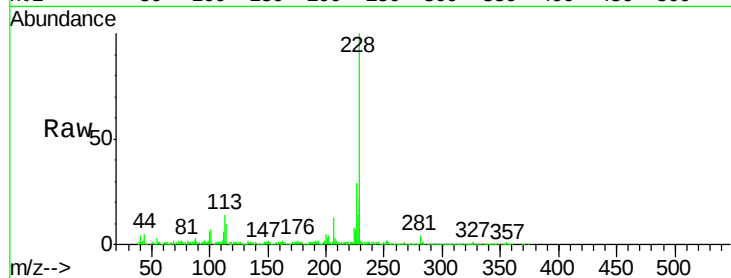
#21
Chrysene
Concen: 8.59 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG026269.D
Acq: 16 Mar 2017 14:38

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.1	24.5	36.7
229	22.3	15.8	23.8

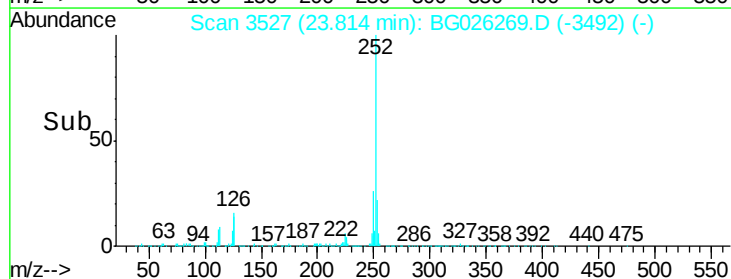
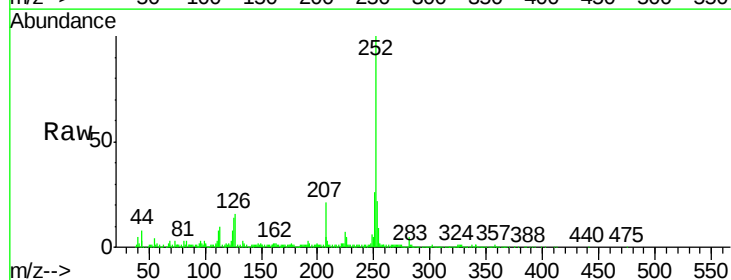
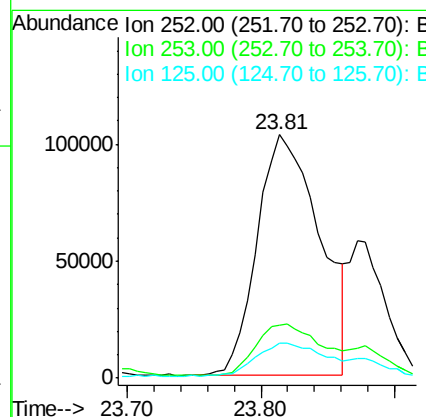
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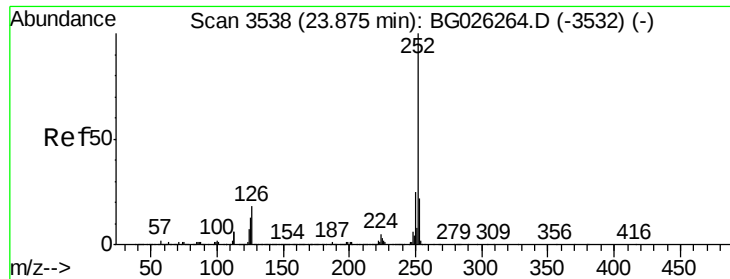
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#23
Benzo(b)fluoranthene
Concen: 10.63 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG026269.D
Acq: 16 Mar 2017 14:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.0	27.0
125	14.3	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 3.54 ng/ul

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG026269.D

Acq: 16 Mar 2017 14:38

Instrument :

BNA_G

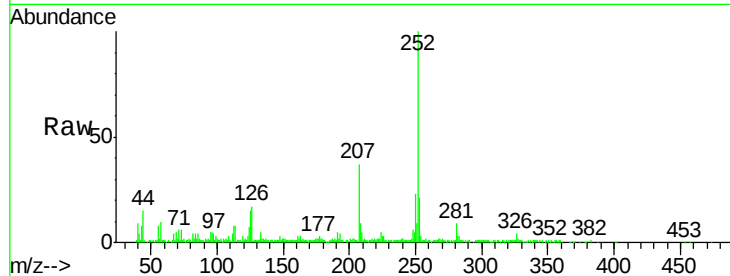
ClientSampleId :

DABH4

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		107635		
253	21.4	18.0	27.0		
125	14.7	8.1	12.1#		

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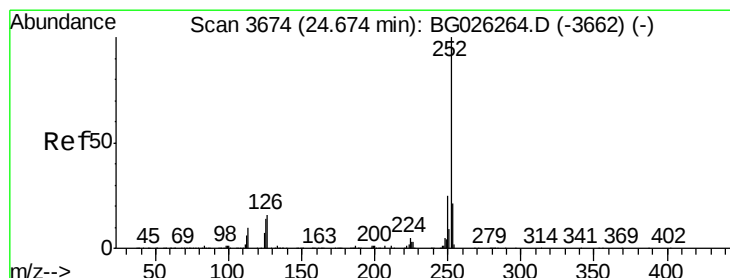
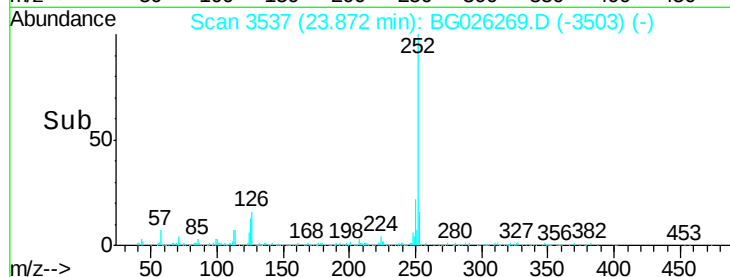
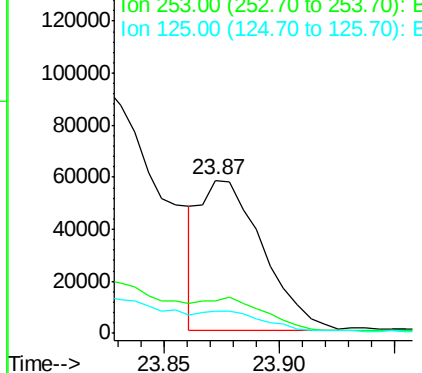


Abundance

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: 6.42 ng/ul

RT: 24.68 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG026269.D

Acq: 16 Mar 2017 14:38

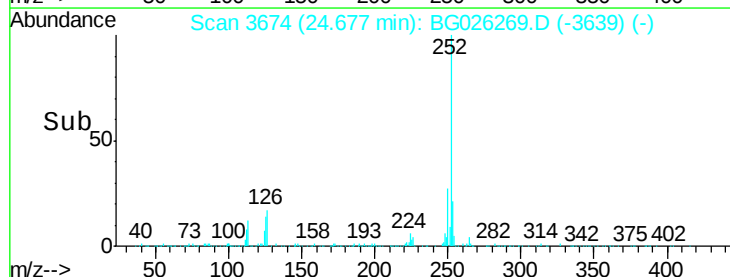
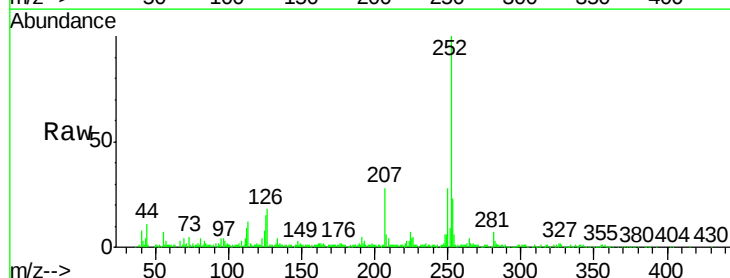
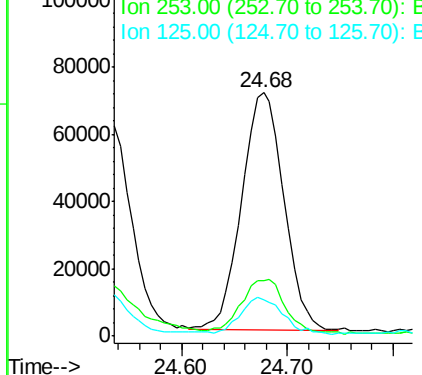
Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		195828		
253	22.8	17.2	25.8		
125	14.8	8.2	12.4#		

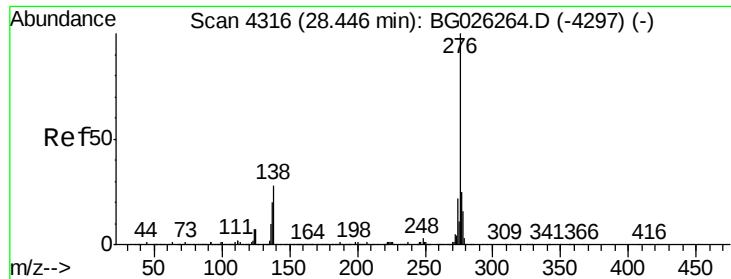
Abundance

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





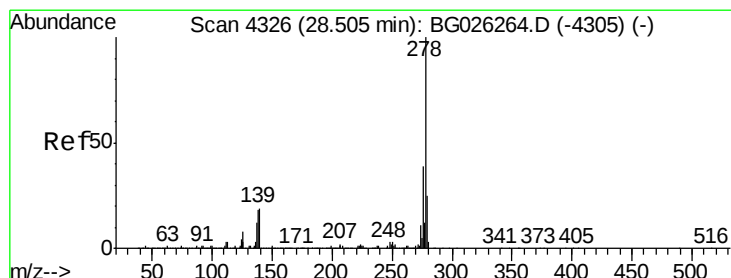
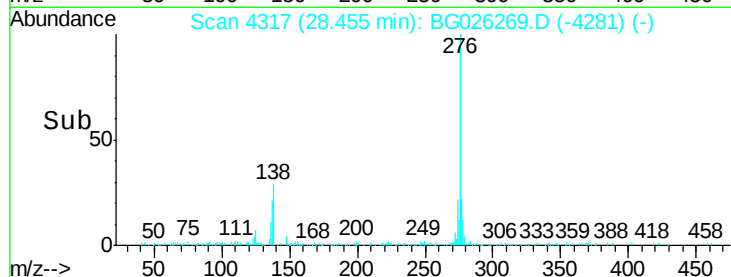
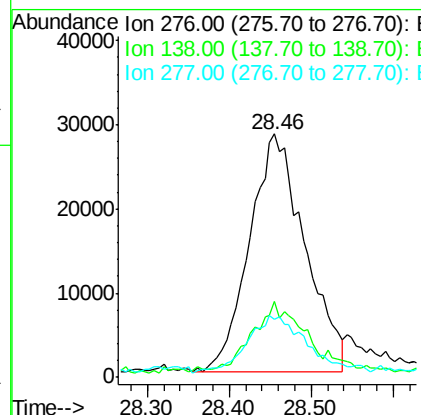
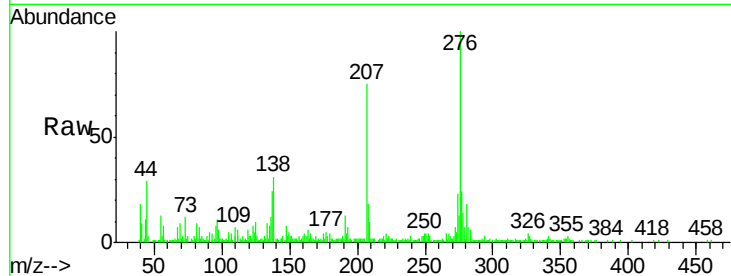
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.74 ng/ul
 RT: 28.46 min Scan# 4317
 Delta R.T. 0.01 min
 Lab File: BG026269.D
 Acq: 16 Mar 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :
 DABH4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.1	14.4	21.6#
277	23.6	18.0	27.0

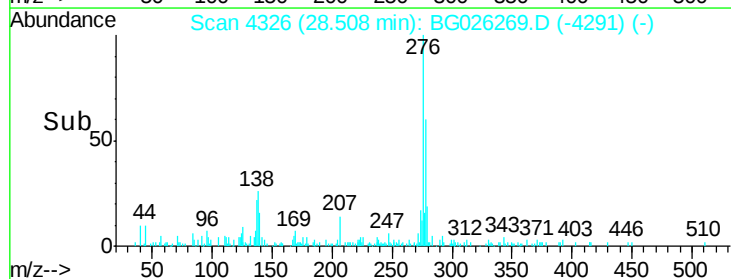
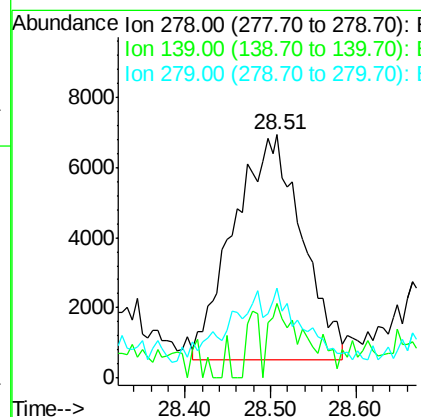
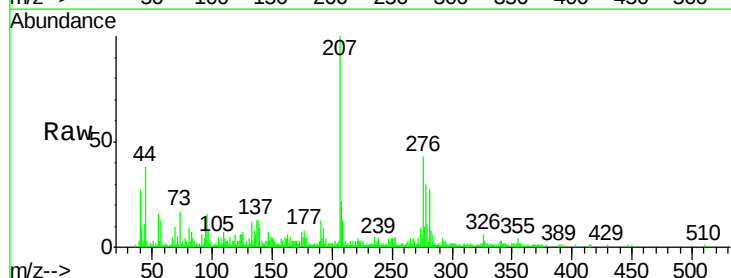
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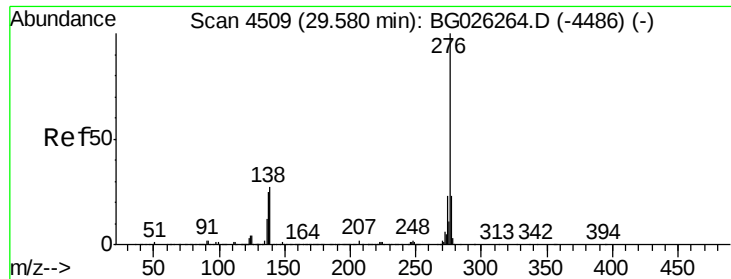
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.21 ng/ul m
 RT: 28.51 min Scan# 4326
 Delta R.T. 0.00 min
 Lab File: BG026269.D
 Acq: 16 Mar 2017 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.6	12.2	18.4#
279	37.1	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 4.13 ng/ul

RT: 29.60 min Scan# 4512

Delta R.T. 0.02 min

Lab File: BG026269.D

Acq: 16 Mar 2017 14:38

Instrument :

BNA_G

ClientSampleId :

DABH4

Tgt Ion:	276	Resp:	121661
Ion Ratio	Lower	Upper	
276	100		
138	30.0	15.3	22.9#
277	24.1	19.0	28.4

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