

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026274.D
 Acq On : 16 Mar 2017 17:54
 Operator : SJ/MA
 Sample : I2237-11DL 10X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABH8DL

Manual Integrations
 APPROVED

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Quant Time: Mar 16 18:32:31 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	81691	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	398691	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	206395	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	460340	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	527796	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	500263	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.36	160	37391	2.19	ng/ul	0.00
10) Fluorene-d10	15.65	176	29465	2.24	ng/ul	0.00
14) Anthracene-d10	17.49	188	49600	2.38	ng/ul	0.00
18) Pyrene-d10	19.77	212	60036	2.36	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	56575	2.56	ng/ul	0.01
Target Compounds						
13) Phenanthrene	17.44	178	258692	10.54	ng/ul	Ovalue 99
15) Anthracene	17.53	178	51686	2.07	ng/ul	97
16) Fluoranthene	19.44	202	554281	20.54	ng/ul	97
19) Pyrene	19.80	202	450624	14.11	ng/ul#	93
20) Benzo(a)anthracene	21.62	228	269994	9.09	ng/ul	96
21) Chrysene	21.69	228	239360	8.44	ng/ul	97
23) Benzo(b)fluoranthene	23.82	252	339179	11.73	ng/ul#	96
24) Benzo(k)fluoranthene	23.89	252	121477m	4.35	ng/ul	
26) Benzo(a)pyrene	24.69	252	214297	7.66	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.48	276	109278	3.34	ng/ul#	85
28) Dibenzo(a,h)anthracene	28.52	278	30880m	1.14	ng/ul	
29) Benzo(g,h,i)perylene	29.62	276	90970m	3.37	ng/ul	

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

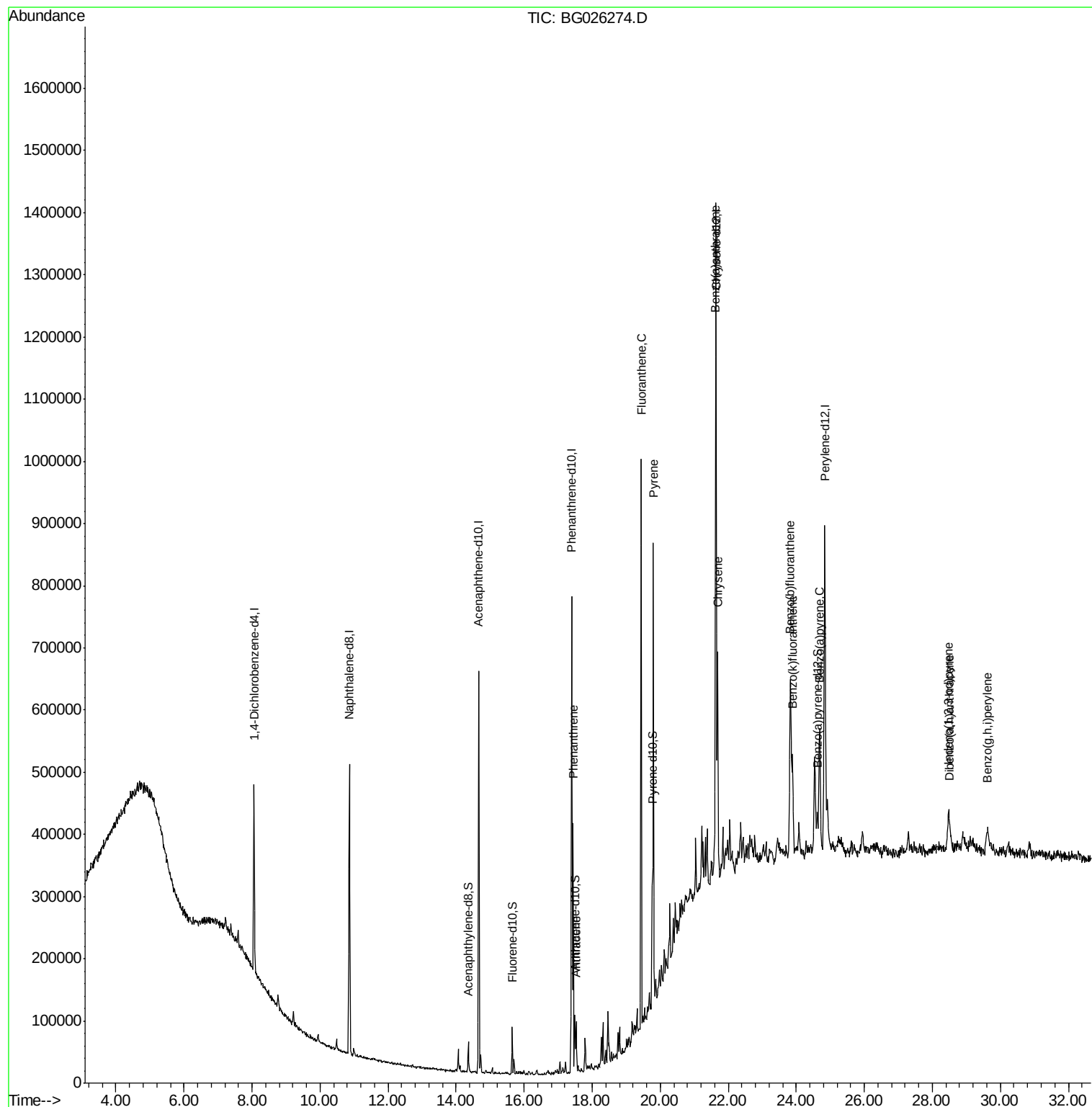
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
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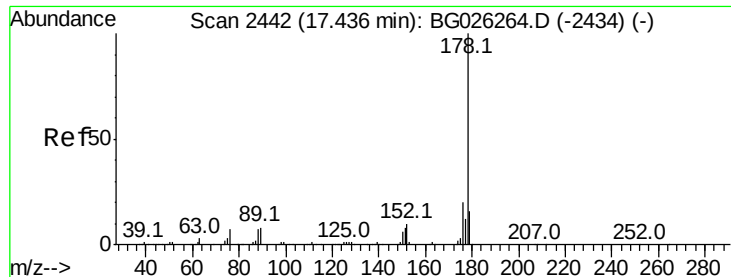
Instrument :
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#13

Phenanthrene

Concen: 10.54 ng/ul

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Instrument :

BNA_G

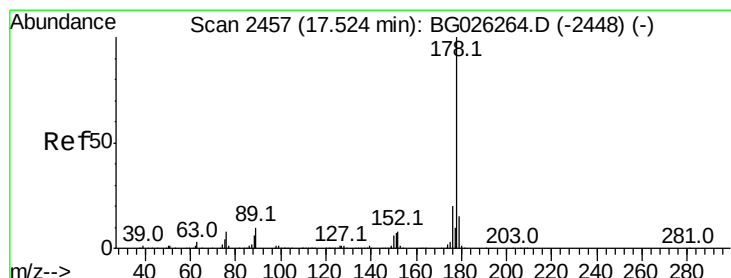
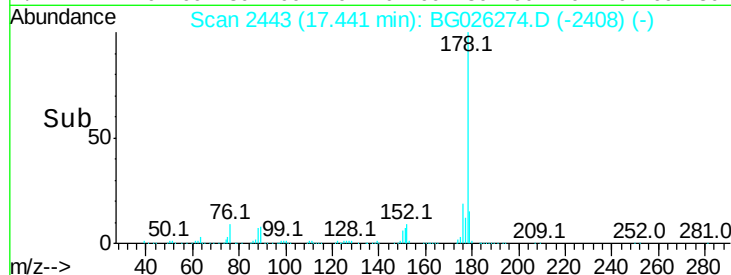
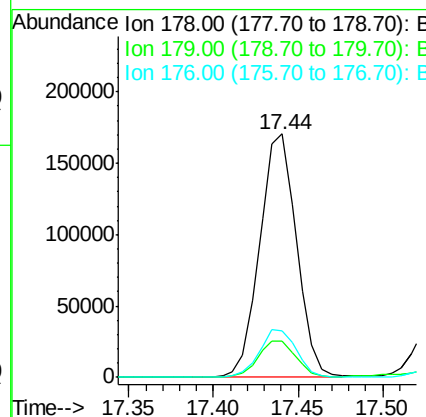
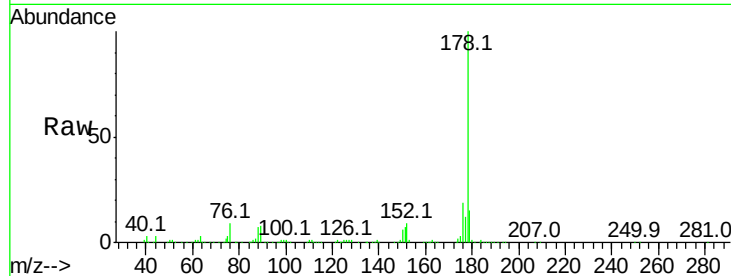
ClientSampleId :

DABH8DL

Tot Ion:178	Resp:	258692
Ion Ratio	Lower	Upper
178	100	
179	14.8	12.3 18.5
176	18.9	15.1 22.7

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#15

Anthracene

Concen: 2.07 ng/ul

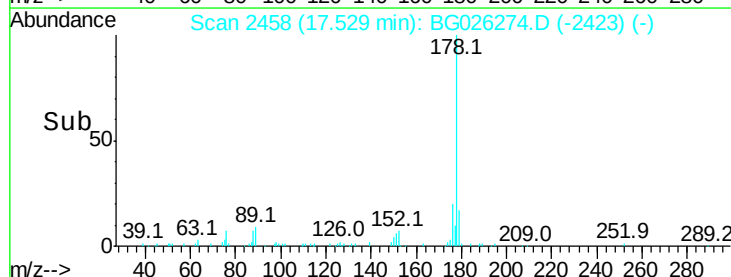
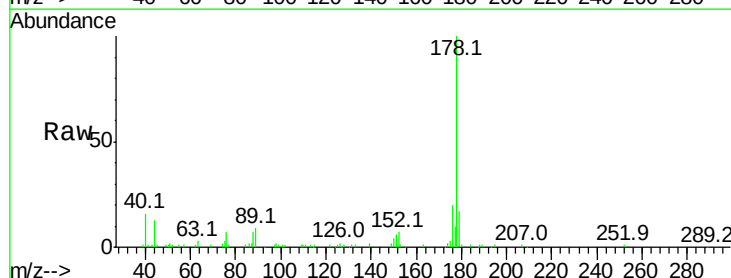
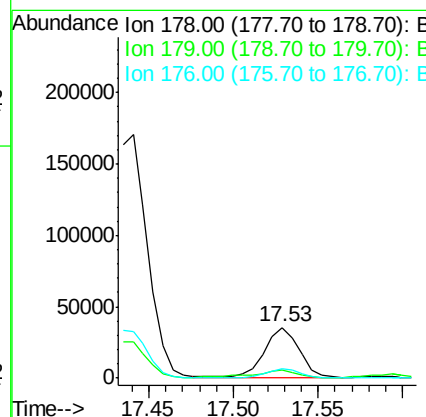
RT: 17.53 min Scan# 2458

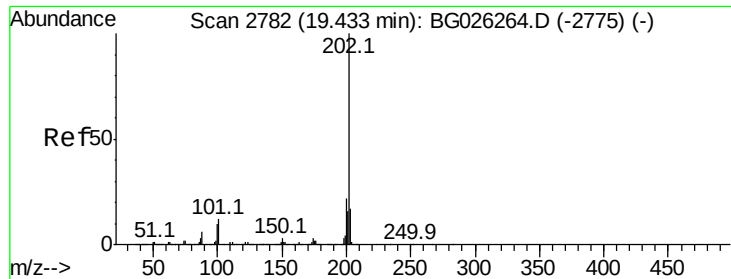
Delta R.T. 0.00 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Tgt Ion:178	Resp:	51686
Ion Ratio	Lower	Upper
178	100	
179	17.0	11.8 17.8
176	19.6	15.2 22.8





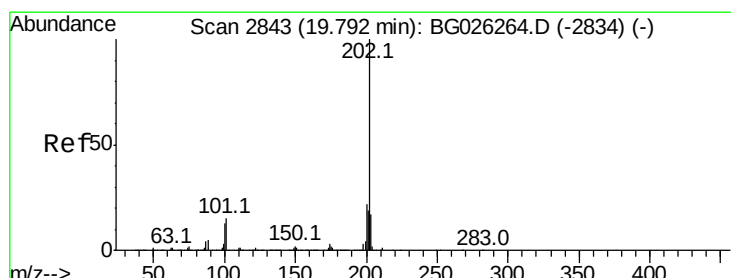
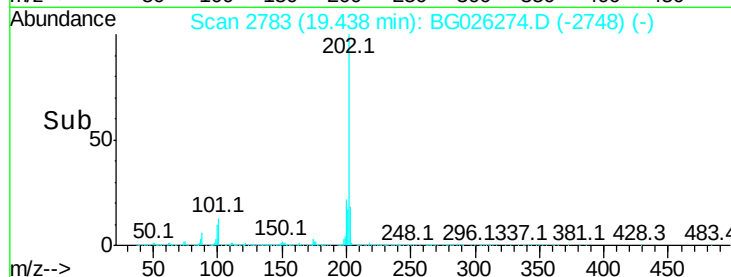
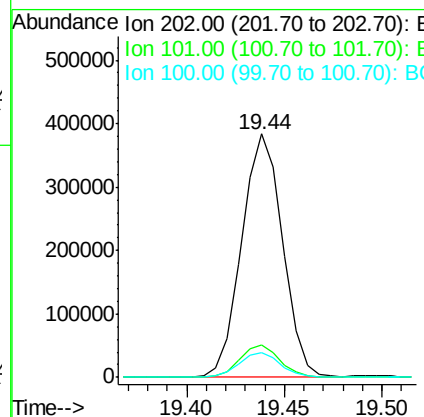
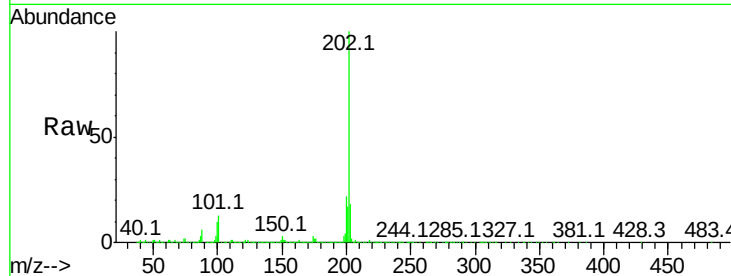
#16
Fluoranthene
Concen: 20.54 ng/ul
RT: 19.44 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BG026274.D
Acq: 16 Mar 2017 17:54

Instrument :
BNA_G
ClientSampled :
DABH8DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	9.9	14.9
100	10.4	7.4	11.0

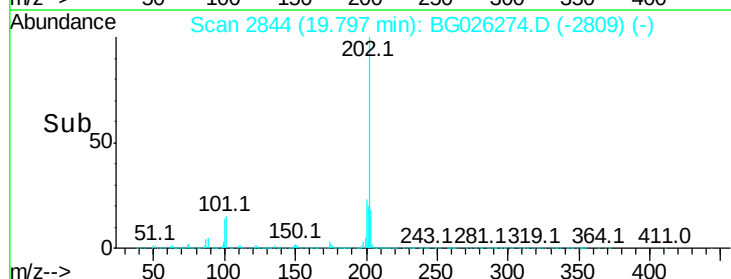
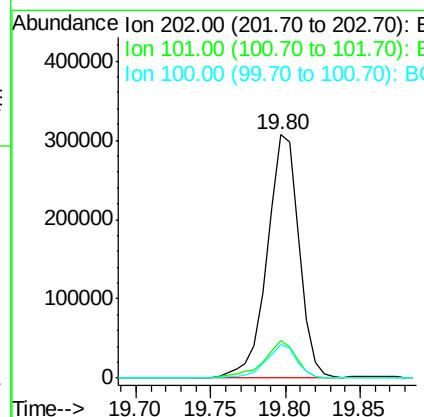
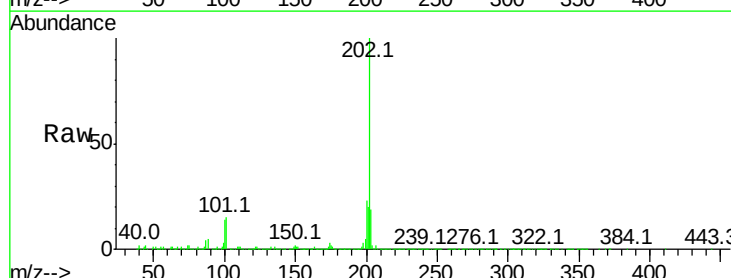
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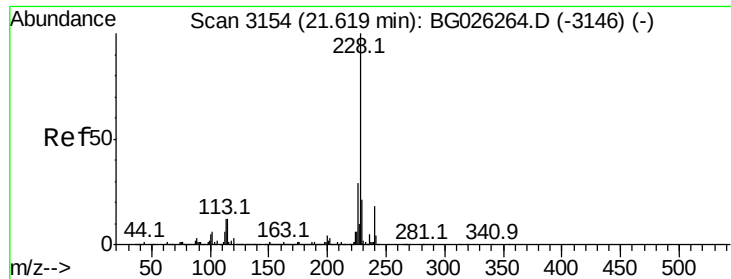
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#19
Pyrene
Concen: 14.11 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026274.D
Acq: 16 Mar 2017 17:54

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.3	11.0	16.4
100	13.8	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 9.09 ng/ul

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Instrument :

BNA_G

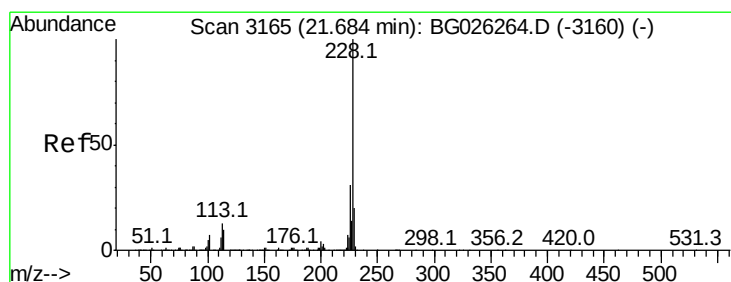
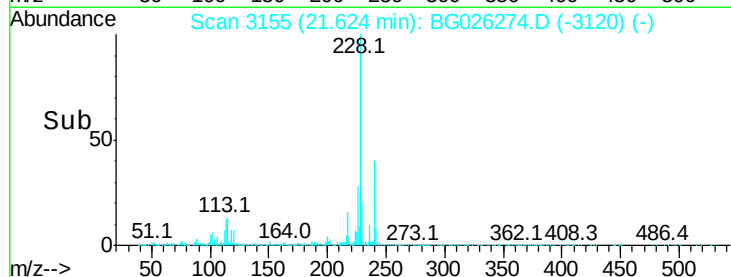
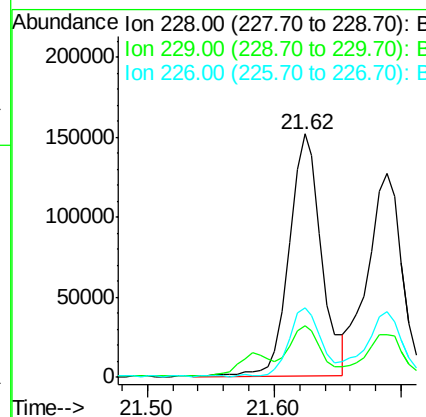
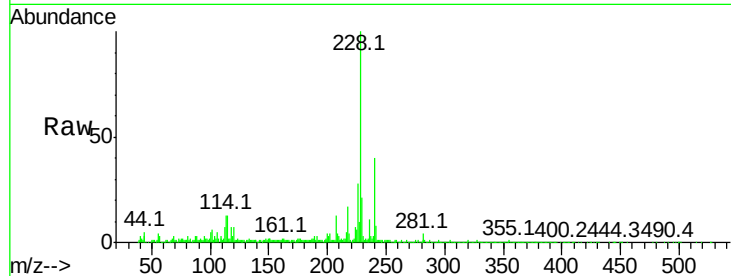
ClientSampleId :

DABH8DL

Tot Ion:	228	Resp:	269994
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.7	23.5
226	28.5	21.1	31.7

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#21

Chrysene

Concen: 8.44 ng/ul

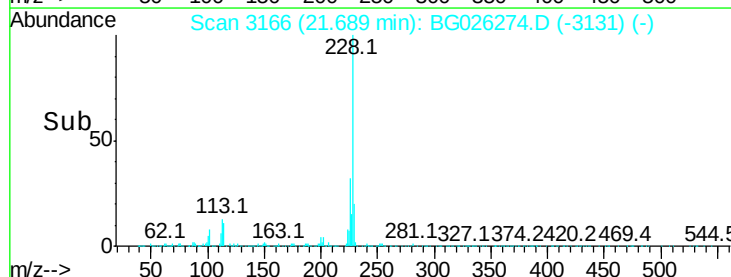
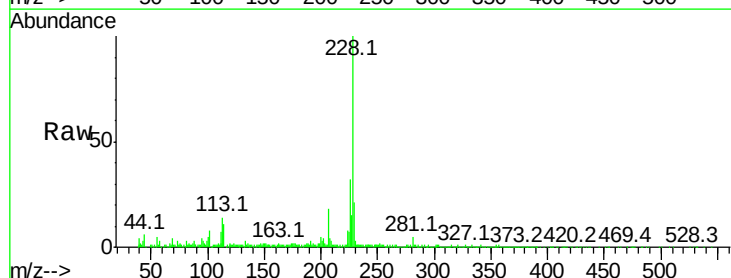
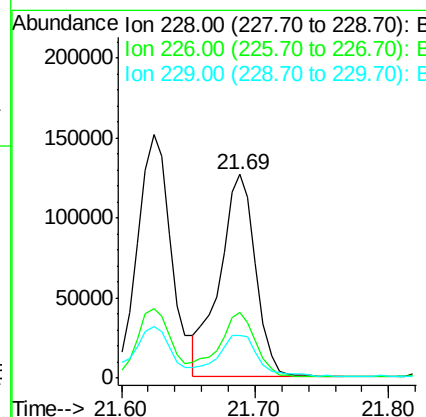
RT: 21.69 min Scan# 3166

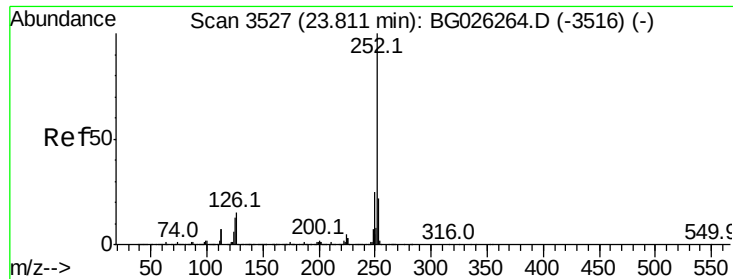
Delta R.T. 0.00 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Tgt Ion:	228	Resp:	239360
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.5	36.7
229	21.0	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 11.73 ng/ul

RT: 23.82 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Instrument :

BNA_G

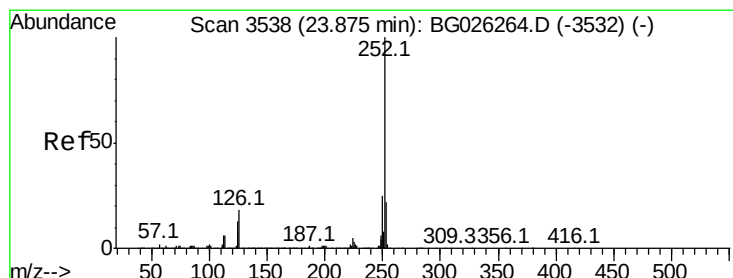
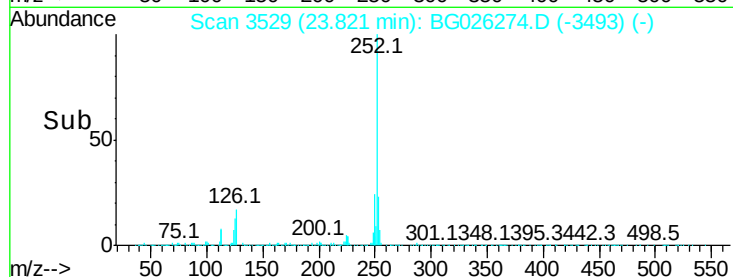
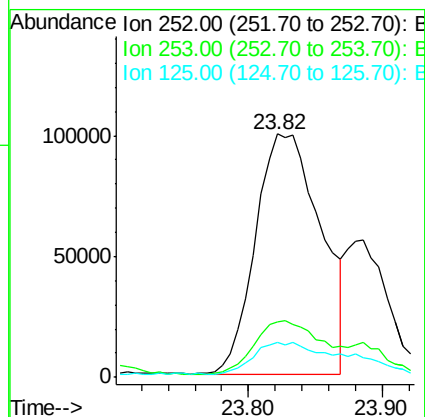
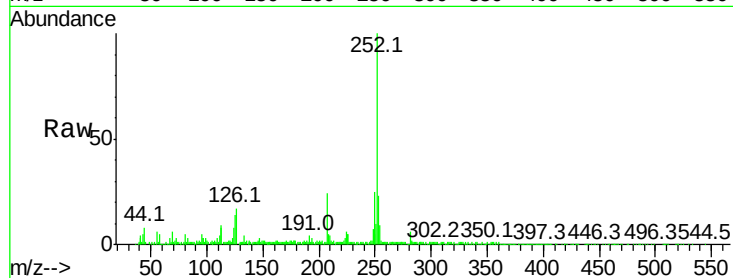
ClientSampleId :

DABH8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	14.3	8.0	12.0

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#24

Benzo(k)fluoranthene

Concen: 4.35 ng/ul m

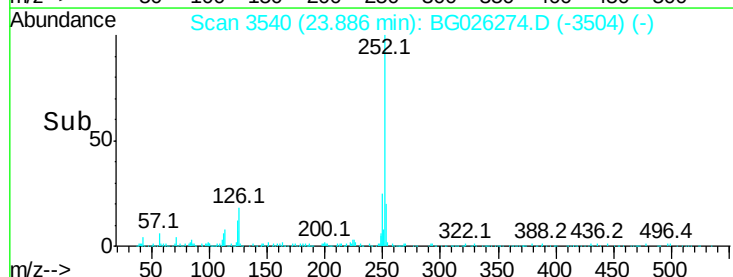
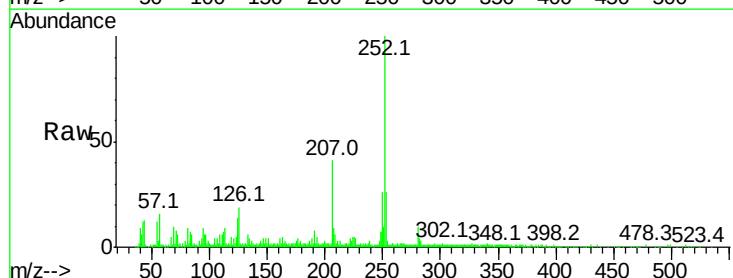
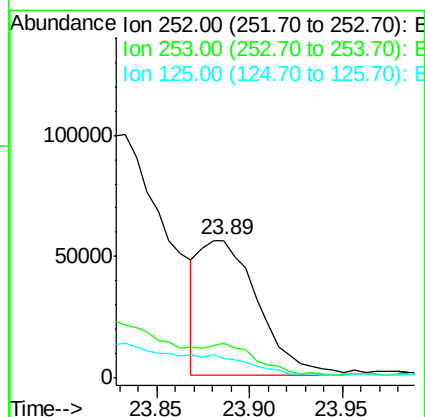
RT: 23.89 min Scan# 3540

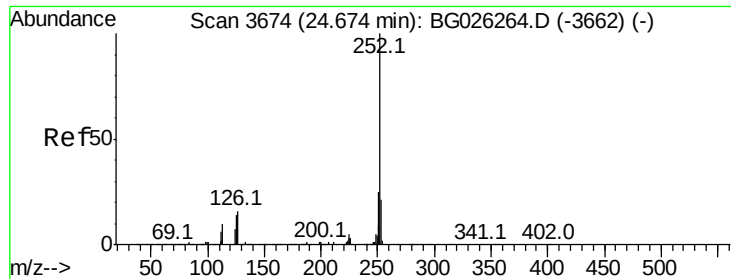
Delta R.T. 0.01 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	14.0	8.1	12.1





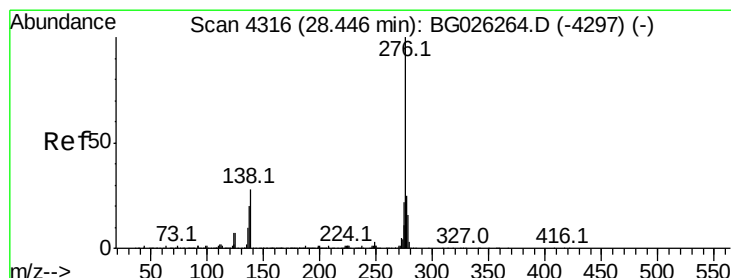
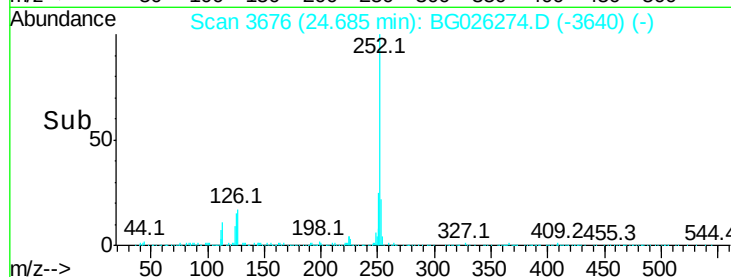
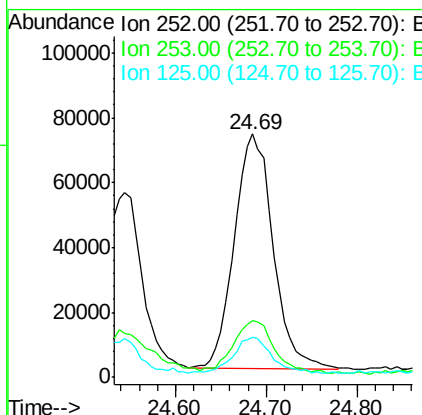
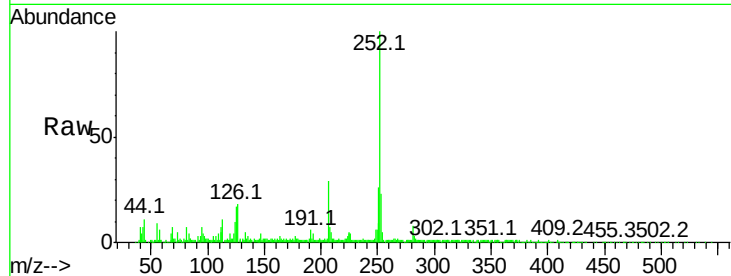
#26
Benzo(a)pyrene
Concen: 7.66 ng/ul
RT: 24.69 min Scan# 3676
Delta R.T. 0.01 min
Lab File: BG026274.D
Acq: 16 Mar 2017 17:54

Instrument :
BNA_G
ClientSampleID :
DABH8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	16.6	8.2	12.4

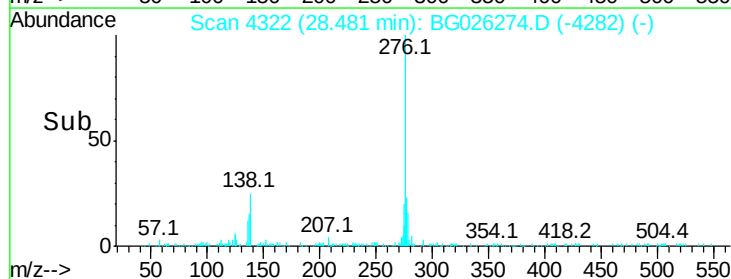
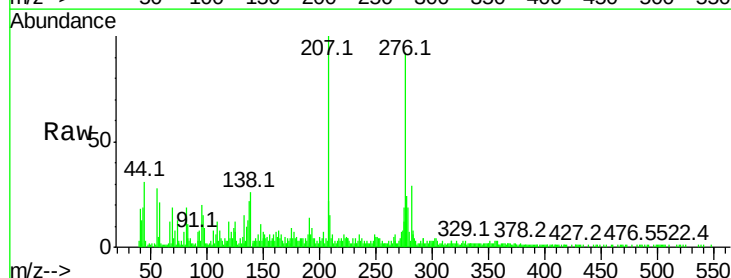
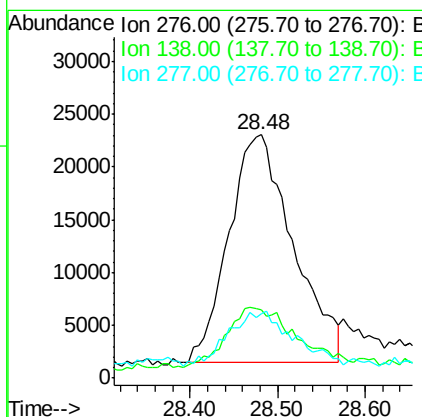
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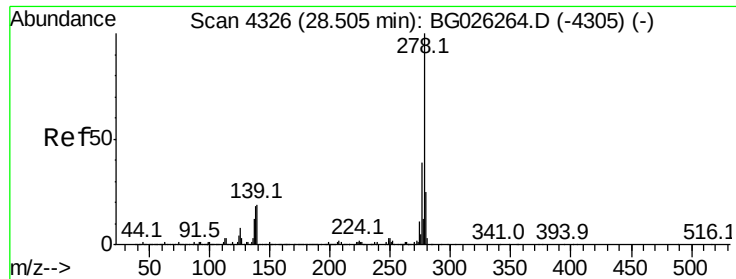
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng/ul
RT: 28.48 min Scan# 4322
Delta R.T. 0.03 min
Lab File: BG026274.D
Acq: 16 Mar 2017 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	14.4	21.6
277	26.6	18.0	27.0





#28

Dibenzo(a,h)anthracene

Concen: 1.14 ng/ul m

RT: 28.52 min Scan# 4329

Delta R.T. 0.02 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Instrument :

BNA_G

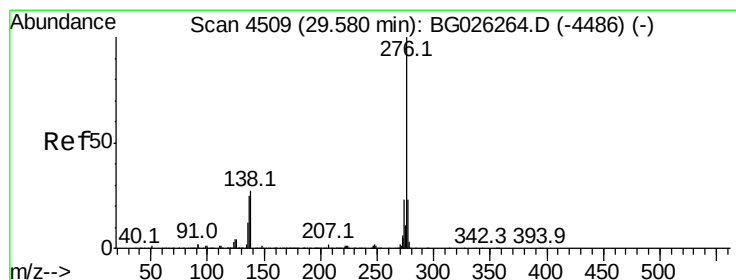
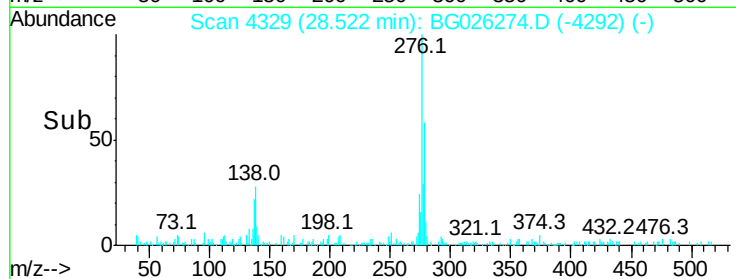
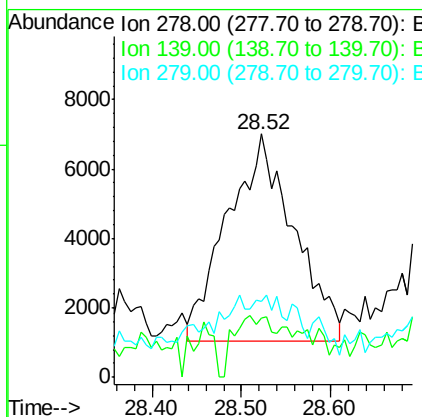
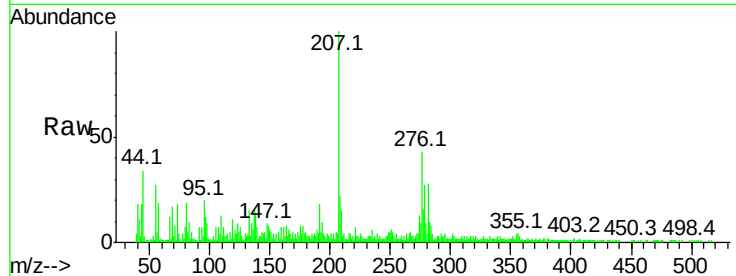
ClientSampleId :

DABH8DL

Tot Ion:	278	Resp:	30880
Ion	Ratio	Lower	Upper
278	100		
139	24.6	12.2	18.4#
279	31.4	19.2	28.8#

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#29

Benzo(g,h,i)perylene

Concen: 3.37 ng/ul m

RT: 29.62 min Scan# 4516

Delta R.T. 0.04 min

Lab File: BG026274.D

Acq: 16 Mar 2017 17:54

Tgt Ion:	276	Resp:	90970
Ion	Ratio	Lower	Upper
276	100		
138	30.2	15.3	22.9#
277	28.6	19.0	28.4#

