

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026270.D
 Acq On : 16 Mar 2017 15:17
 Operator : SJ/MA
 Sample : I2237-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABH3

Manual Integrations
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Quant Time: Mar 16 17:02:33 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	86350	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	444727	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	237514	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	510002	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	554069	20.00	ng/ul	0.00
22) Perylene-d12	24.83	264	527942	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	14.35	160	586360	29.81	ng/ul	0.00
10) Fluorene-d10	15.65	176	404757	26.80	ng/ul	0.00
14) Anthracene-d10	17.49	188	577617	25.05	ng/ul	0.00
18) Pyrene-d10	19.77	212	639427	23.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	615826	26.36	ng/ul	0.00

Target Compounds

						Ovalue
13) Phenanthrene	17.43	178	73243	2.69	ng/ul	99
16) Fluoranthene	19.44	202	197841	6.62	ng/ul	98
19) Pyrene	19.79	202	264309	7.88	ng/ul	97
20) Benzo(a)anthracene	21.62	228	257329	8.26	ng/ul	92
21) Chrysene	21.68	228	245397m	8.24	ng/ul	
23) Benzo(b)fluoranthene	23.82	252	467289	15.32	ng/ul#	97
24) Benzo(k)fluoranthene	23.88	252	164423m	5.58	ng/ul	
26) Benzo(a)pyrene	24.68	252	232473	7.87	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.47	276	117232	3.39	ng/ul#	81
28) Dibenzo(a,h)anthracene	28.49	278	35288m	1.23	ng/ul	
29) Benzo(g,h,i)perylene	29.61	276	97801m	3.43	ng/ul	

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

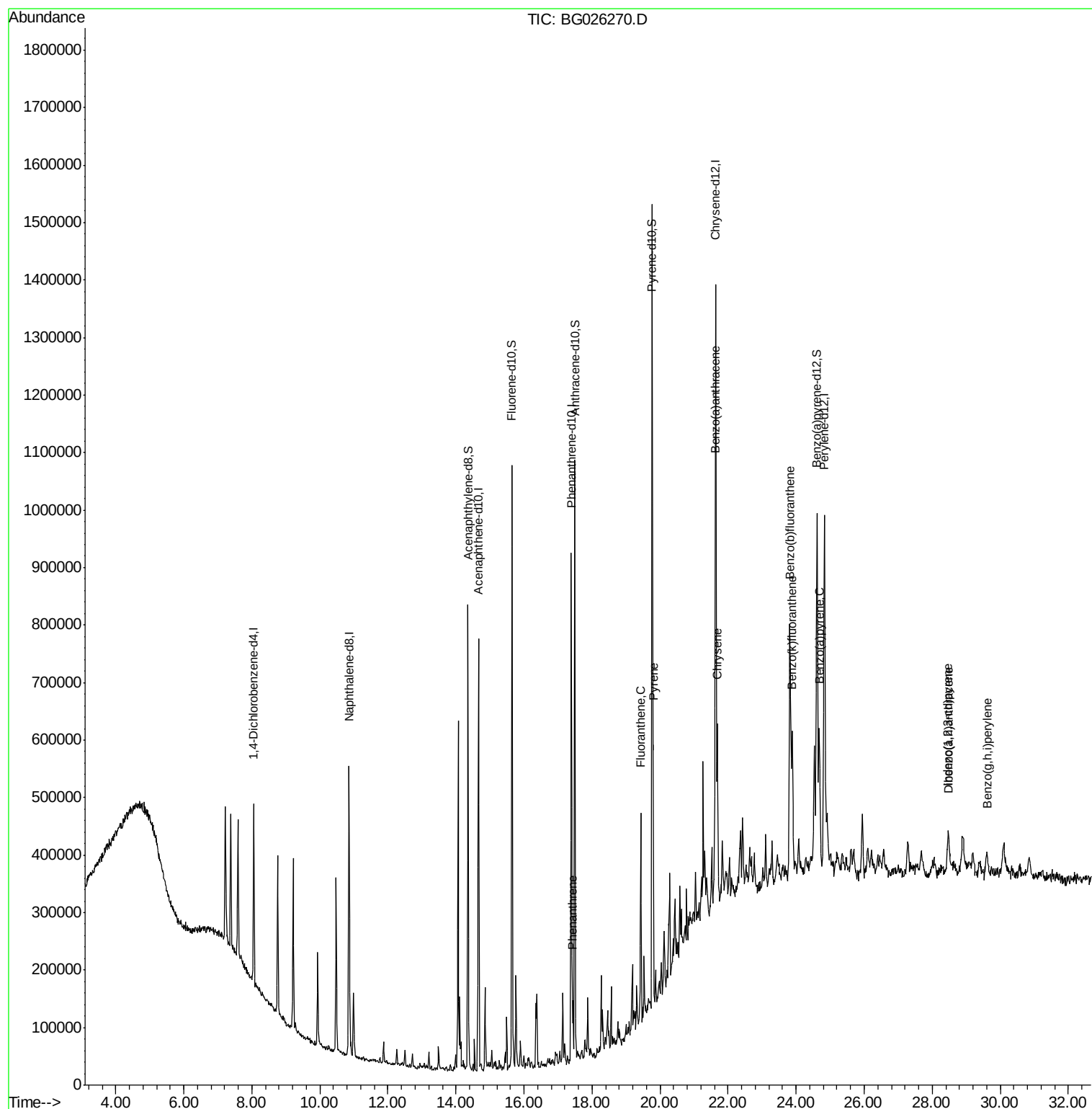
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
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ALS Vial : 36 Sample Multiplier: 1

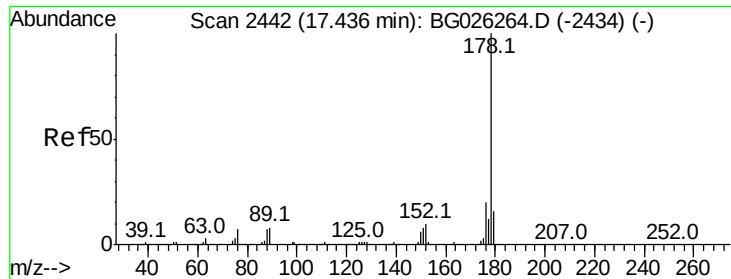
Instrument :
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Quant Time: Mar 16 17:02:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.69 ng/ul

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG026270.D

Acq: 16 Mar 2017 15:17

Instrument :

BNA_G

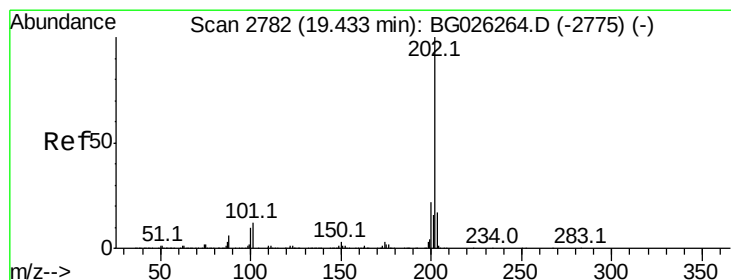
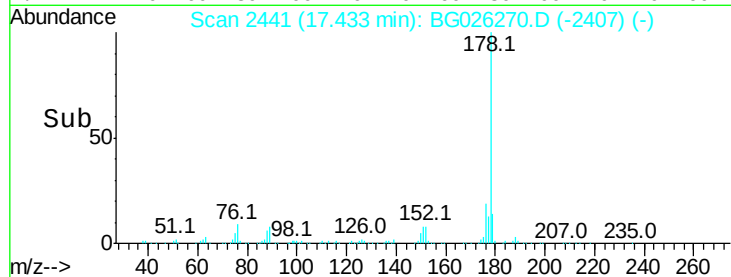
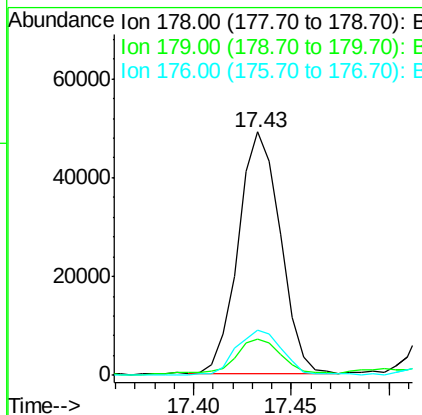
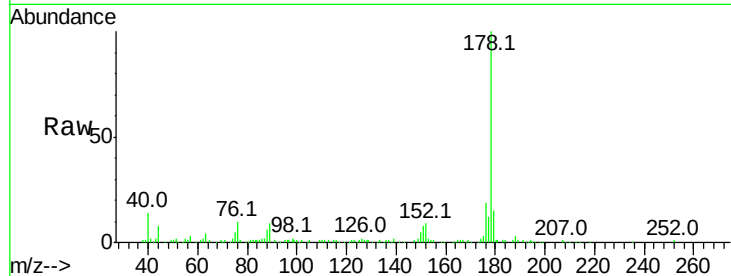
ClientSampleId :

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Tot Ion:	178	Resp:	73243
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.3	18.5
176	18.8	15.1	22.7

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#16

Fluoranthene

Concen: 6.62 ng/ul

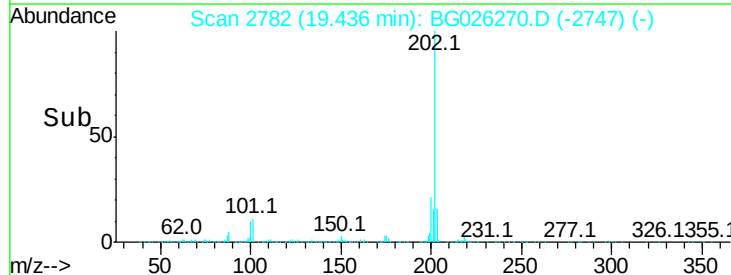
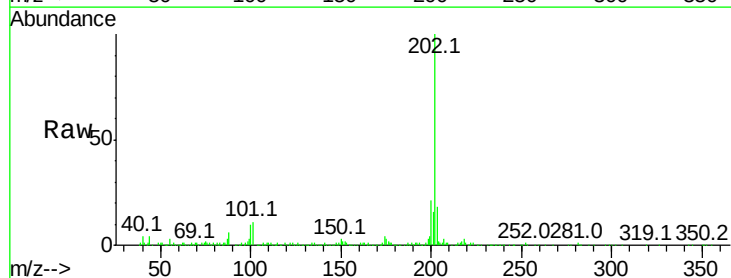
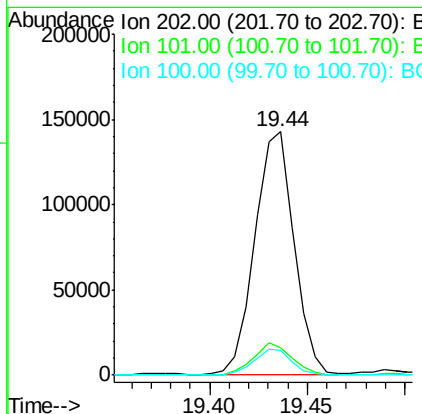
RT: 19.44 min Scan# 2782

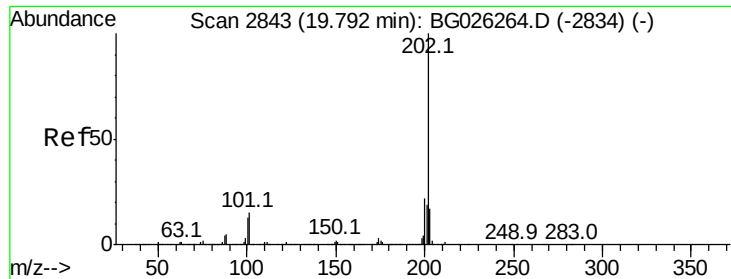
Delta R.T. 0.00 min

Lab File: BG026270.D

Acq: 16 Mar 2017 15:17

Tgt Ion:	202	Resp:	197841
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.9	14.9
100	10.0	7.4	11.0





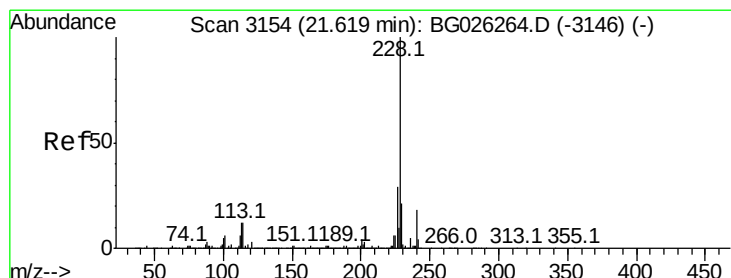
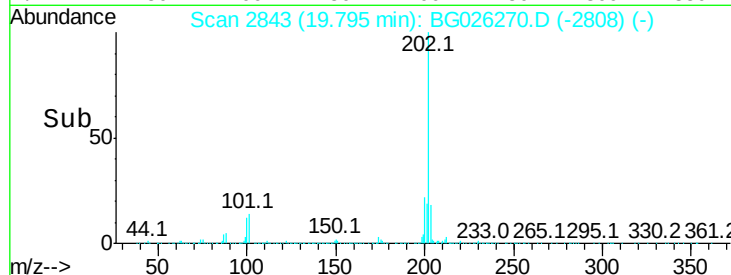
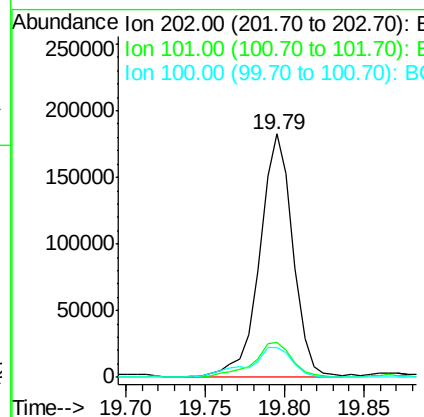
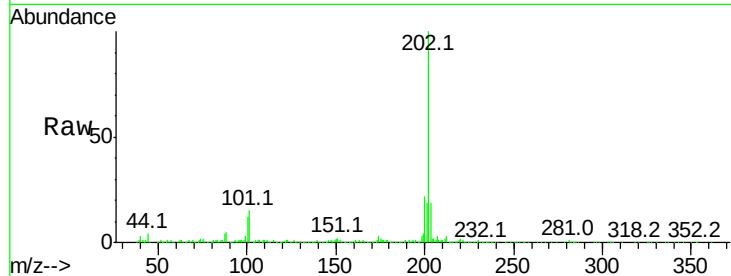
#19
Pvrene
Concen: 7.88 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026270.D
Acq: 16 Mar 2017 15:17

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	11.0	16.4
100	12.1	8.1	12.1

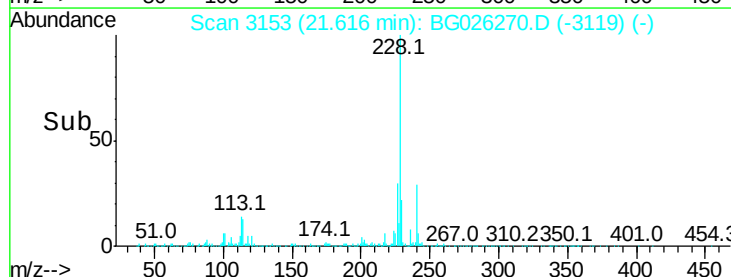
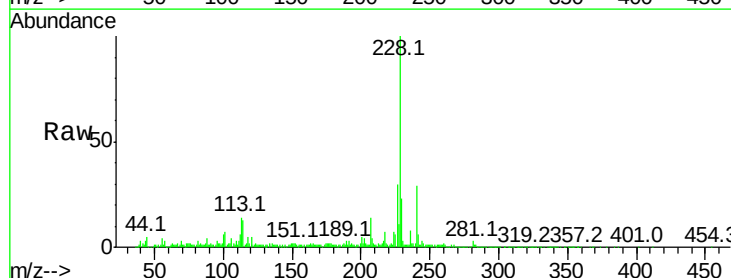
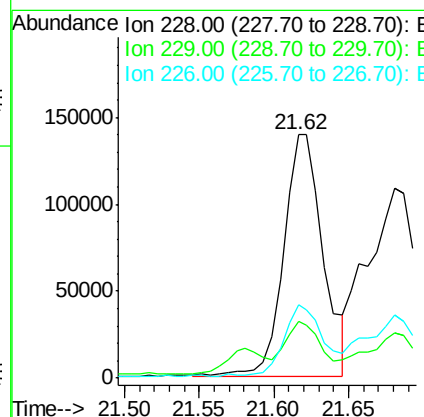
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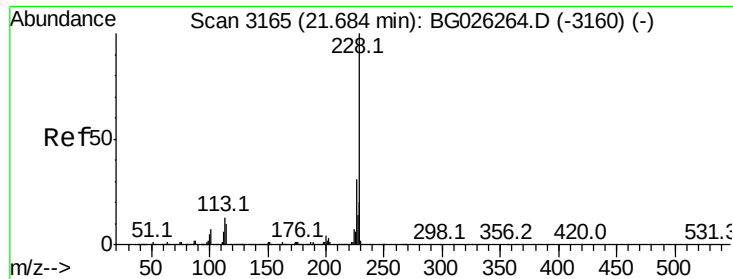
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#20
Benzo(a)anthracene
Concen: 8.26 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026270.D
Acq: 16 Mar 2017 15:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.3	15.7	23.5
226	30.3	21.1	31.7





#21

Chrysene

Concen: 8.24 ng/ul m

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG026270.D

Acq: 16 Mar 2017 15:17

Instrument :

BNA_G

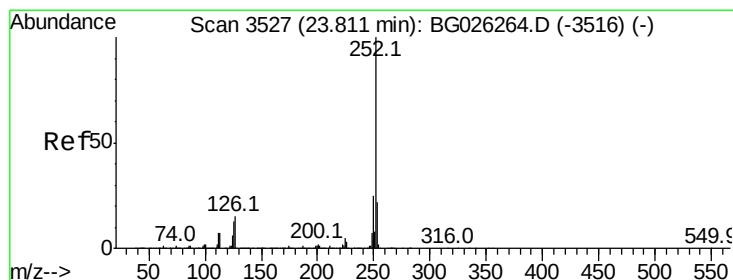
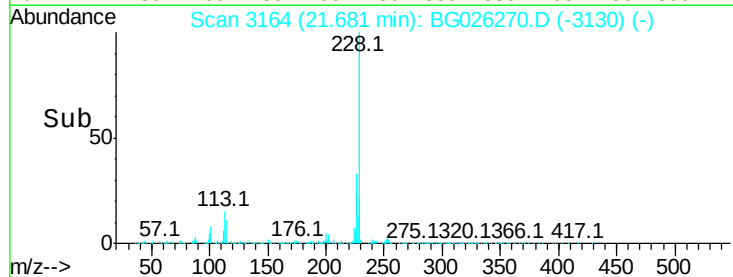
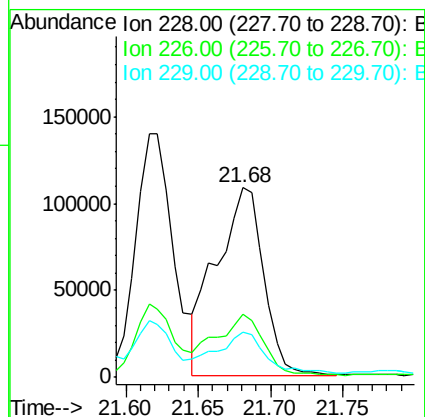
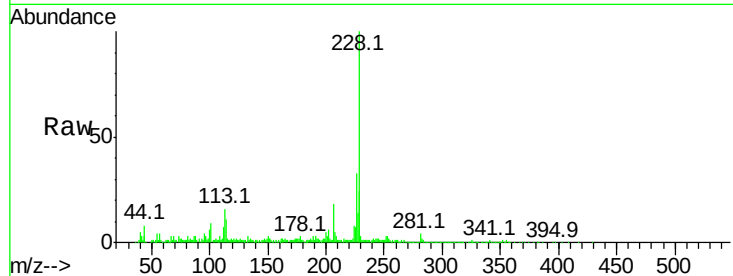
ClientSampled :

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Tot Ion:	228	Resp:	245397
Ion Ratio	Lower	Upper	
228	100		
226	33.5	24.5	36.7
229	24.0	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 15.32 ng/ul

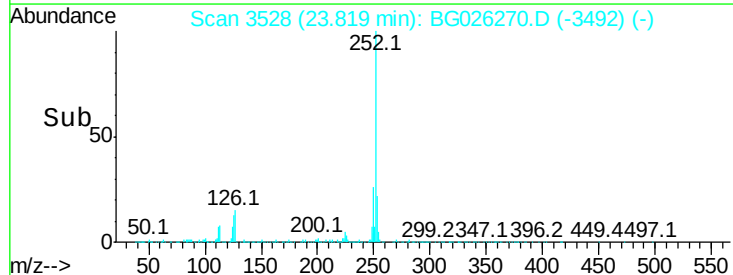
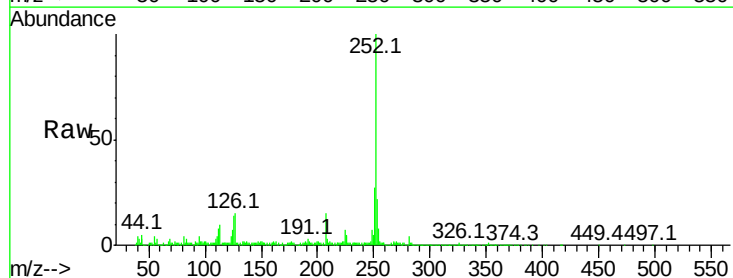
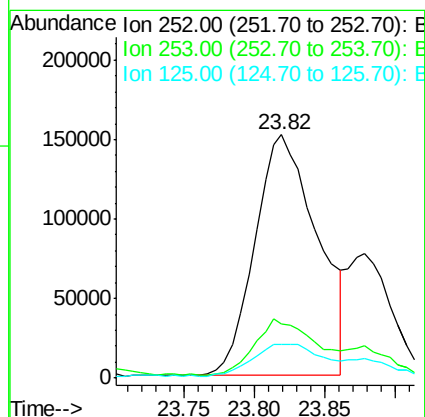
RT: 23.82 min Scan# 3528

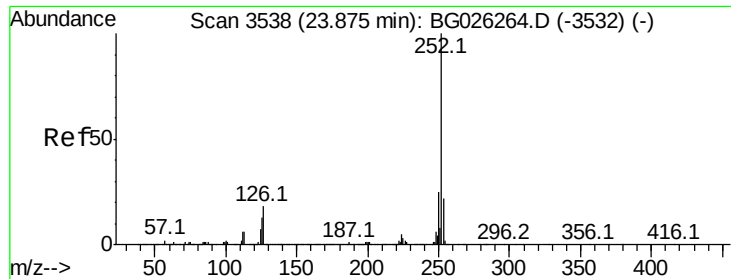
Delta R.T. 0.01 min

Lab File: BG026270.D

Acq: 16 Mar 2017 15:17

Tgt Ion:	252	Resp:	467289
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	13.9	8.0	12.0#





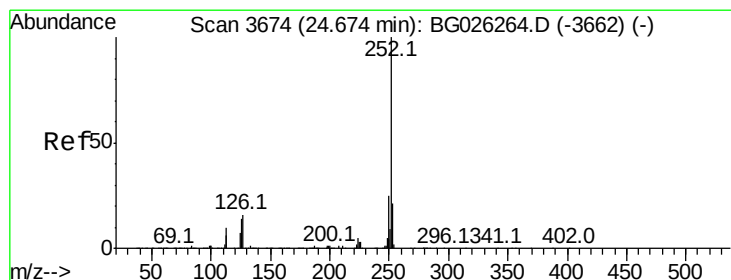
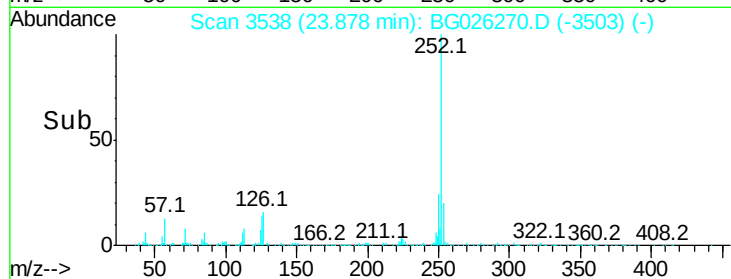
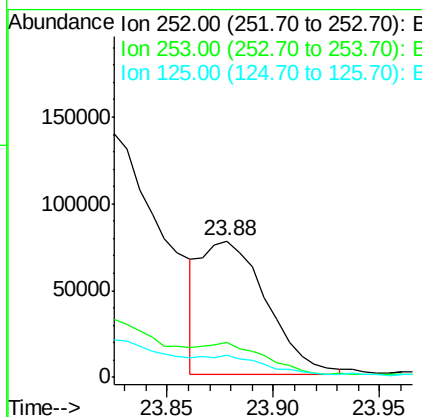
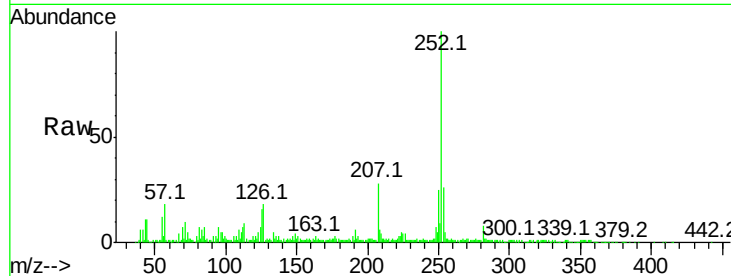
#24
Benzo(k)fluoranthene
Concen: 5.58 ng/ul m
RT: 23.88 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BG026270.D
Acq: 16 Mar 2017 15:17

Instrument :
BNA_G
ClientSampleId :
DABH3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	16.0	8.1	12.1#

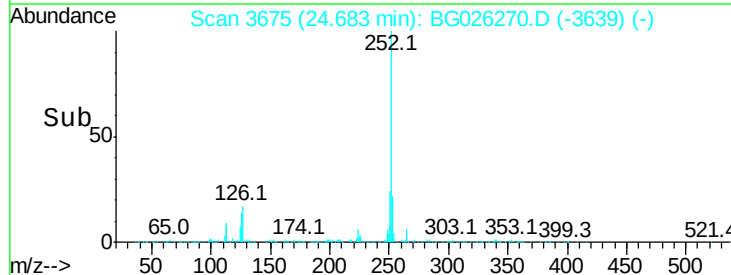
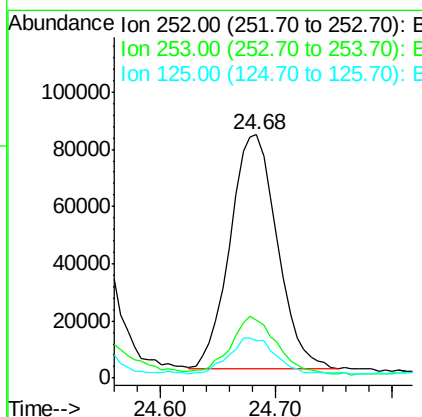
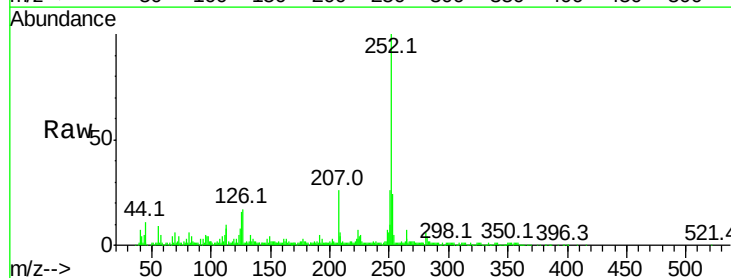
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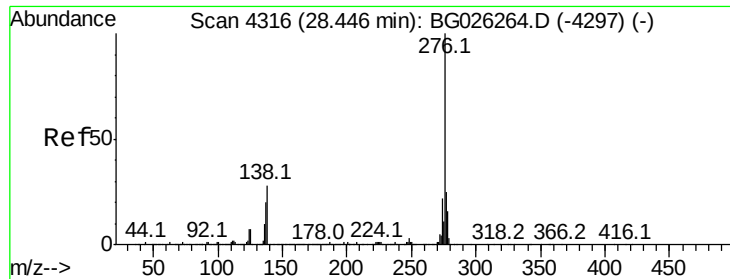
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#26
Benzo(a)pyrene
Concen: 7.87 ng/ul
RT: 24.68 min Scan# 3675
Delta R.T. 0.01 min
Lab File: BG026270.D
Acq: 16 Mar 2017 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	15.6	8.2	12.4#





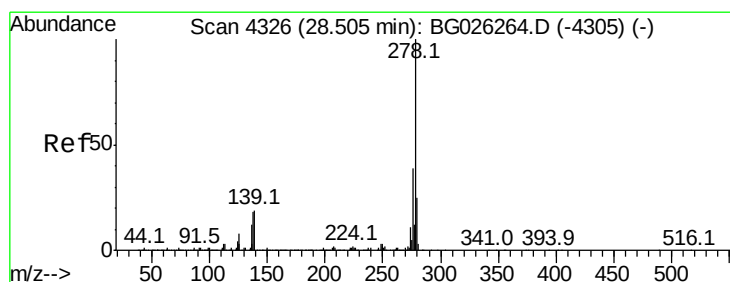
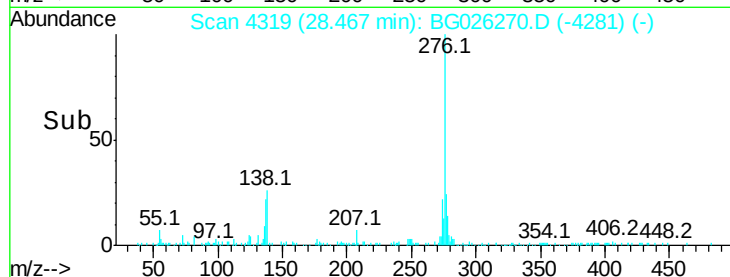
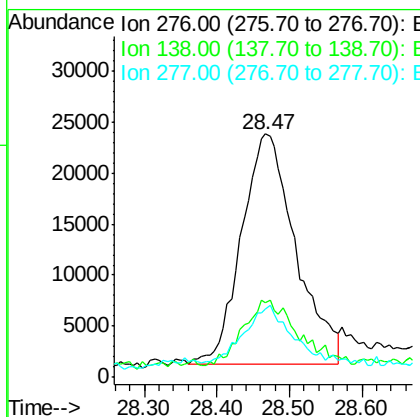
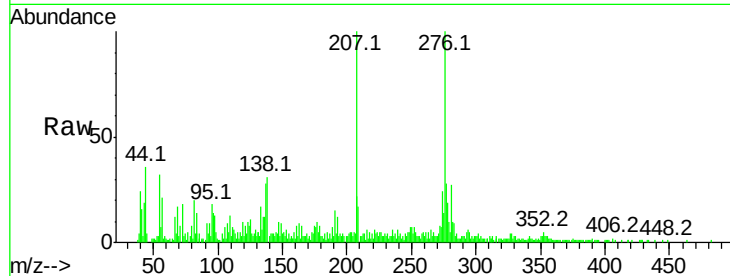
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.39 ng/ul
 RT: 28.47 min Scan# 4319
 Delta R.T. 0.02 min
 Lab File: BG026270.D
 Acq: 16 Mar 2017 15:17

Instrument :
 BNA_G
 ClientSampleId :
 DABH3

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.9	14.4	21.6#
277	28.0	18.0	27.0#

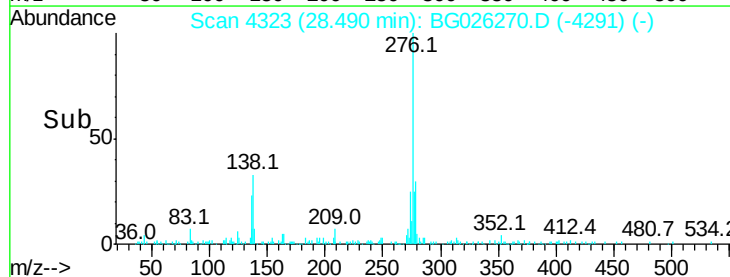
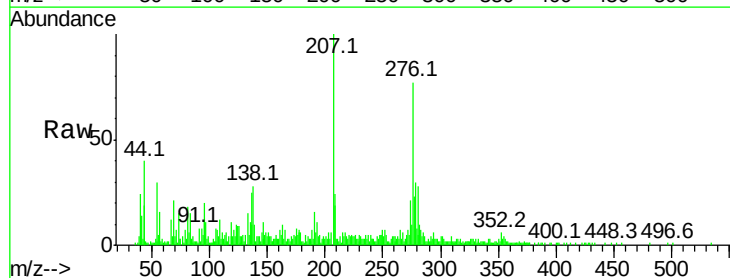
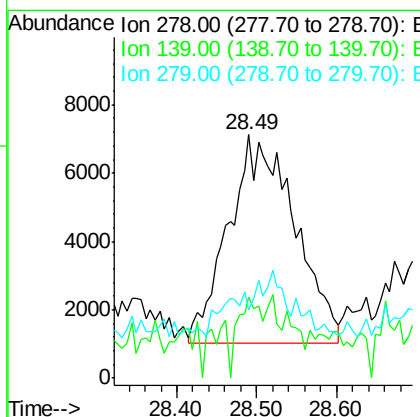
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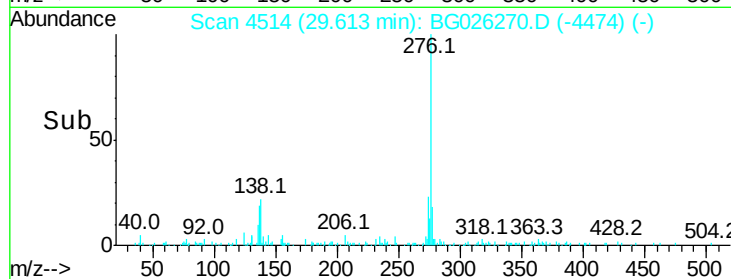
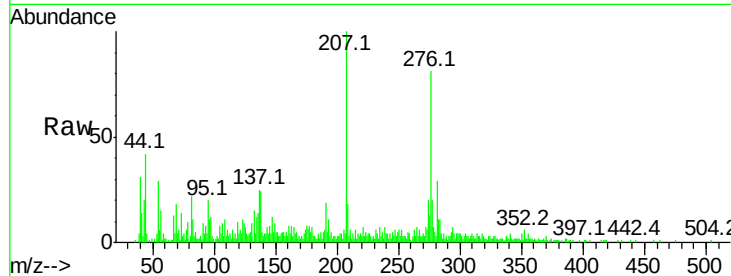
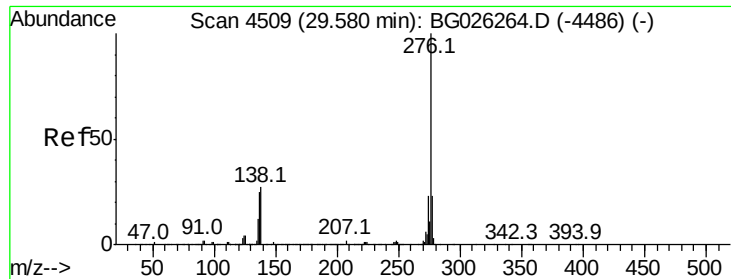
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.23 ng/ul m
 RT: 28.49 min Scan# 4323
 Delta R.T. -0.01 min
 Lab File: BG026270.D
 Acq: 16 Mar 2017 15:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.4	12.2	18.4#
279	28.0	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 3.43 ng/ul m

RT: 29.61 min Scan# 4514

Delta R.T. 0.03 min

Lab File: BG026270.D

Acq: 16 Mar 2017 15:17

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	15.3	22.9#
277	24.7	19.0	28.4

Instrument :

BNA_G

ClientSampleId :

DABH3

Manual Integrations
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