

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
 Data File : BG025927.D
 Acq On : 22 Feb 2017 5:50
 Operator : SJ/MA
 Sample : I1900-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABD7

Manual Integrations
 APPROVED

mohammad
 2/22/2017 11:14:22 AM

Quant Time: Feb 22 06:29:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 04:47:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	132251	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	640187	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	372963	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	781663	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	776935	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	754994	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.39	160	618083	20.01	ng/ul	0.00
10) Fluorene-d10	15.67	176	445638	18.79	ng/ul	0.00
14) Anthracene-d10	17.52	188	622054	17.60	ng/ul	0.00
18) Pyrene-d10	19.79	212	640226	17.10	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	600941	17.99	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.46	178	88279	2.12	ng/ul	97
16) Fluoranthene	19.46	202	218073	4.76	ng/ul	98
19) Pyrene	19.82	202	181546	3.86	ng/ul#	97
20) Benzo(a)anthracene	21.65	228	116776	2.67	ng/ul	93
21) Chrysene	21.72	228	125156m	3.00	ng/ul	
23) Benzo(b)fluoranthene	23.87	252	185955	4.26	ng/ul#	94
24) Benzo(k)fluoranthene	23.93	252	63617	1.51	ng/ul#	85
26) Benzo(a)pyrene	24.73	252	115914	2.75	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.55	276	78171	1.58	ng/ul#	85
29) Benzo(g,h,i)perylene	29.69	276	78900m	1.93	ng/ul	

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

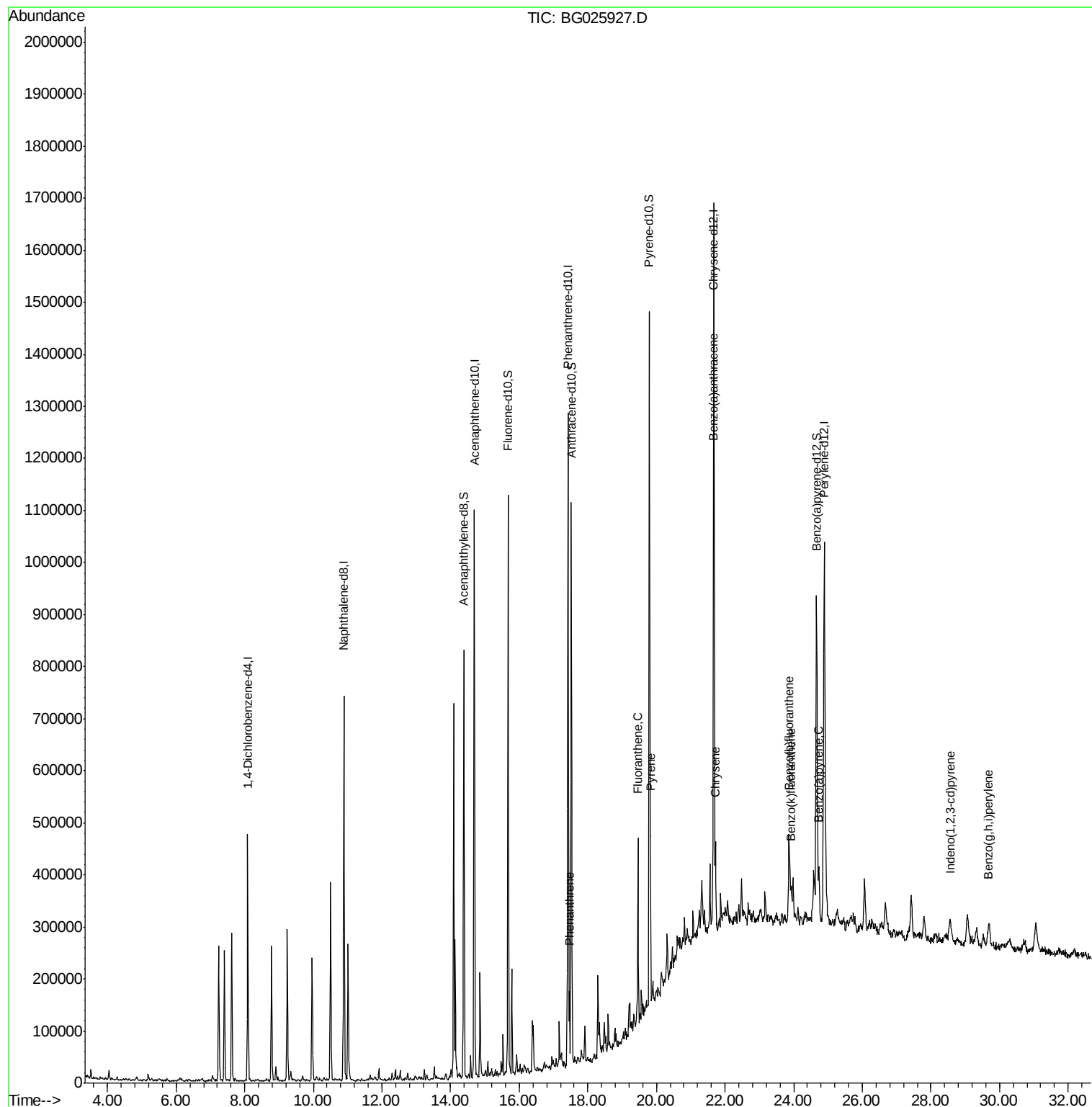
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
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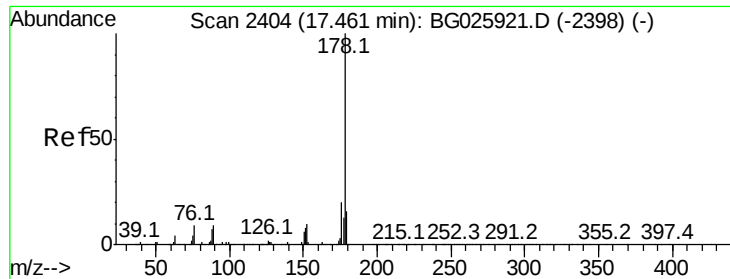
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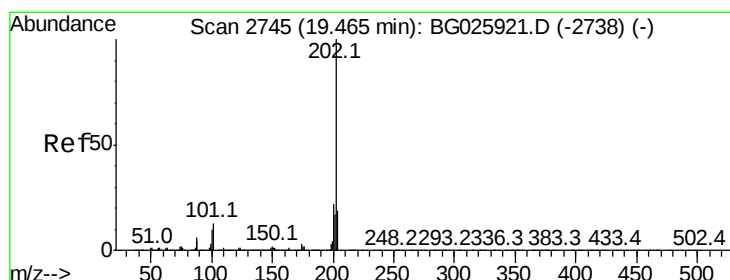
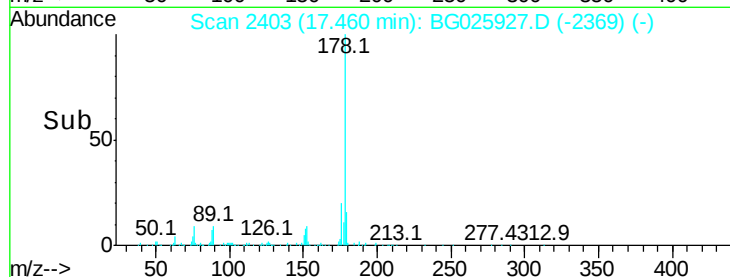
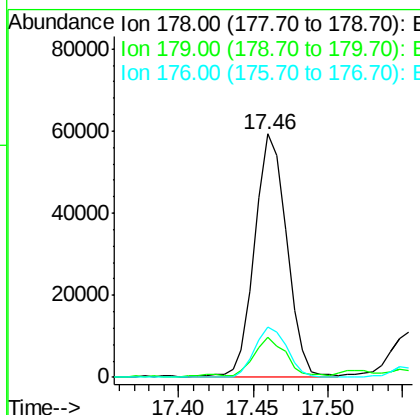
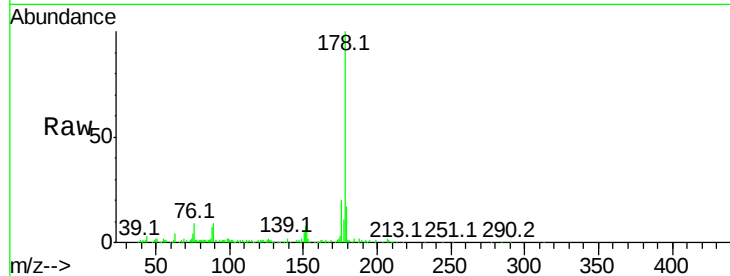
#13
Phenanthrene
Concen: 2.12 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025927.D
Acq: 22 Feb 2017 5:50

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	20.4	15.1	22.7

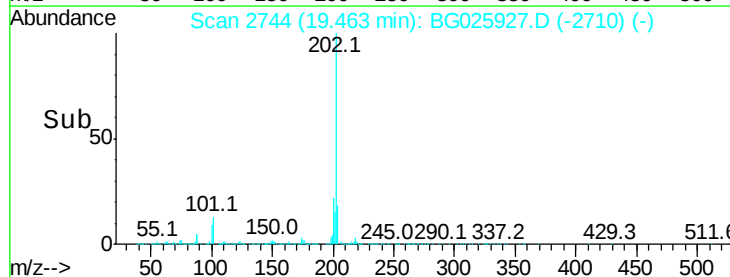
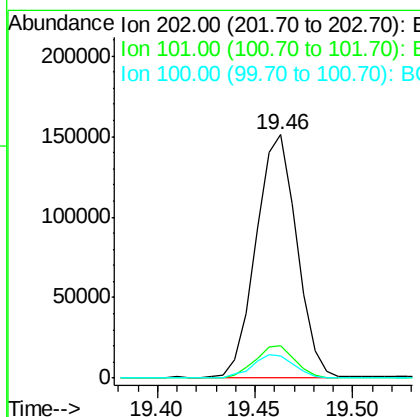
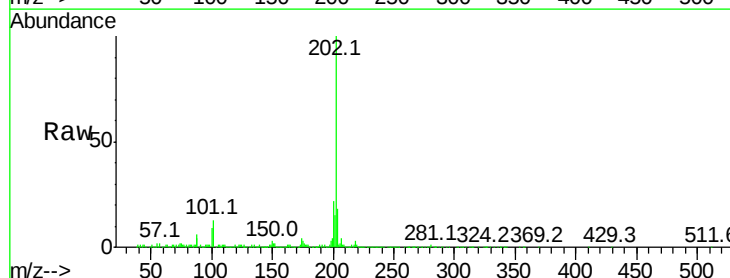
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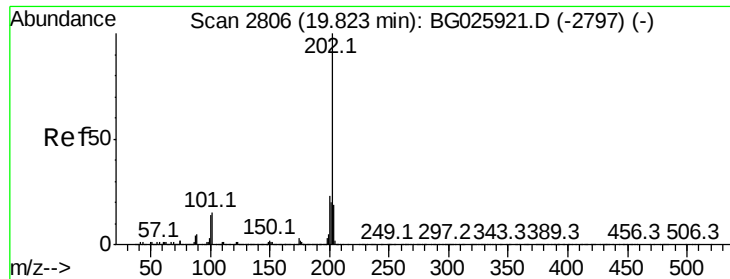
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#16
Fluoranthene
Concen: 4.76 ng/ul
RT: 19.46 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BG025927.D
Acq: 22 Feb 2017 5:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.9	14.9
100	9.0	7.4	11.0





#19

Pvrene

Concen: 3.86 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Instrument :

BNA_G

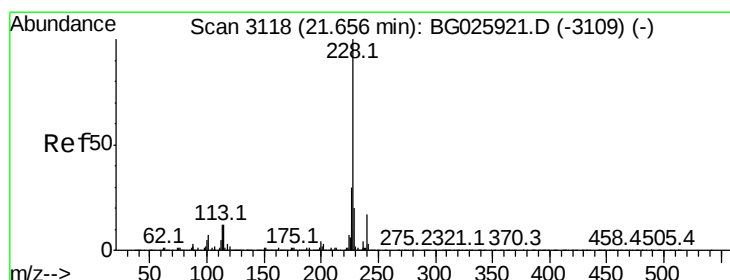
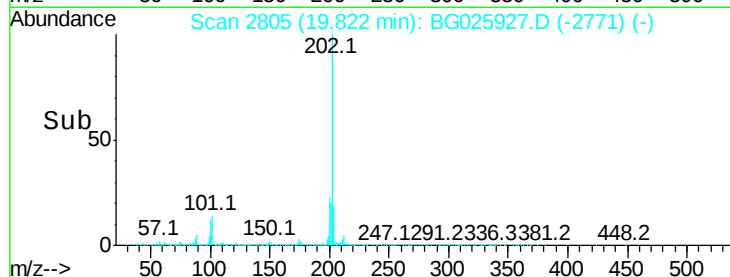
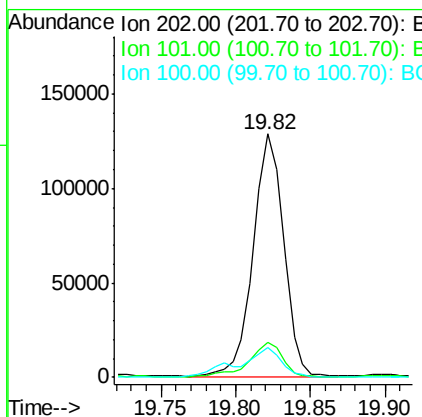
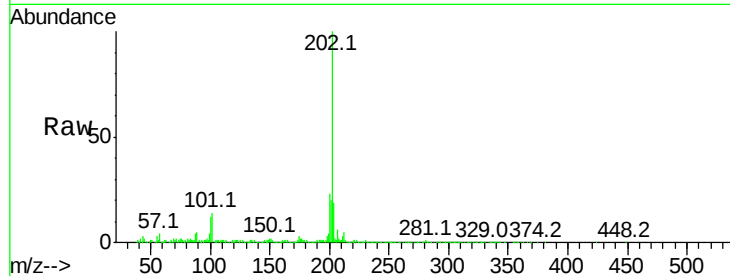
ClientSampleId :

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Tot Ion:	202	Resp:	181546
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.0	16.4
100	12.2	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 2.67 ng/ul

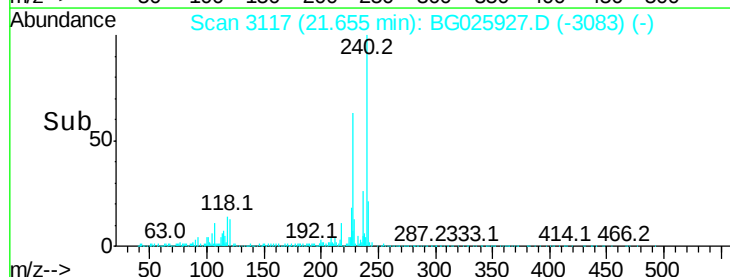
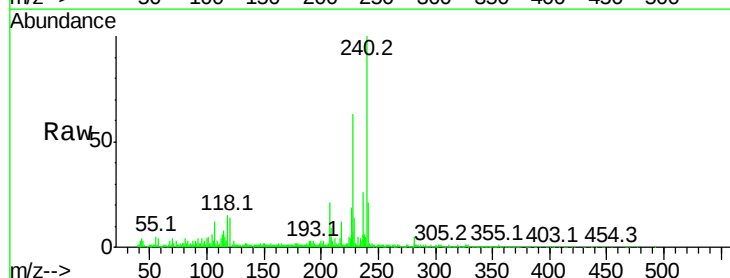
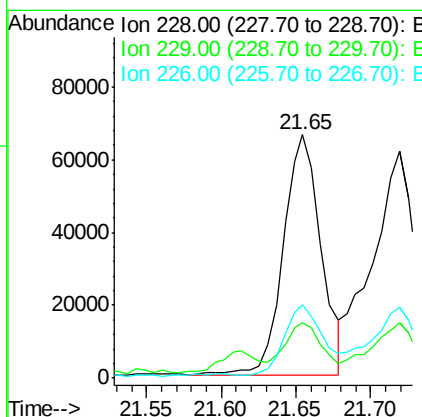
RT: 21.65 min Scan# 3117

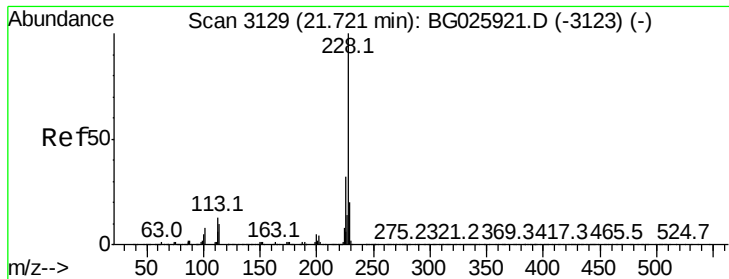
Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Tgt Ion:	228	Resp:	116776
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.7	23.5
226	30.3	21.1	31.7





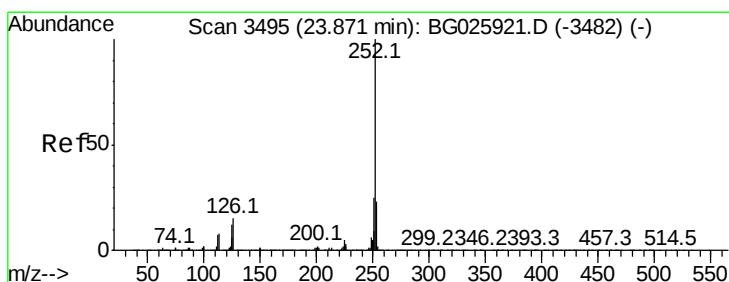
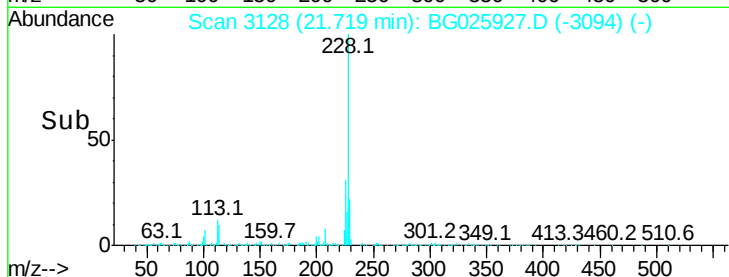
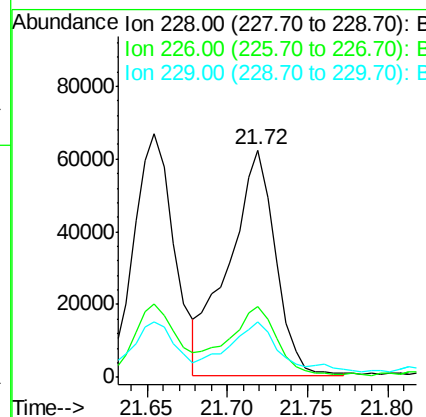
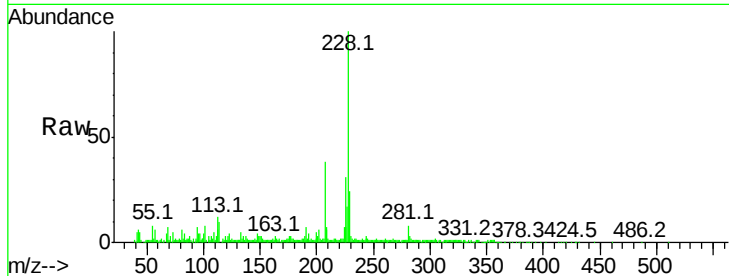
#21
Chrysene
Concen: 3.00 ng/ul m
RT: 21.72 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG025927.D
Acq: 22 Feb 2017 5:50

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
228	100	125156		
226	31.4	24.5	36.7	
229	24.3	15.8	23.8	

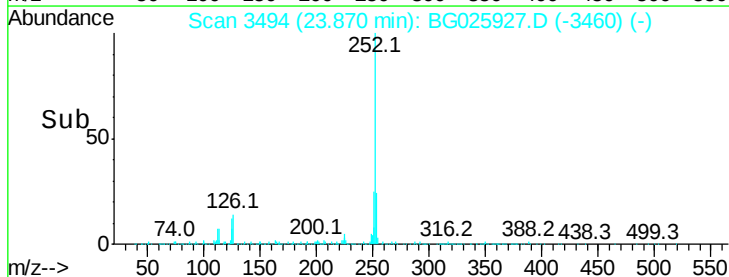
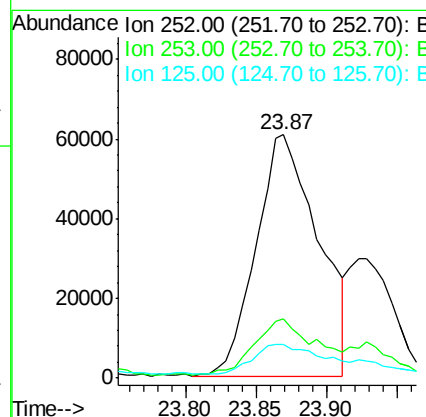
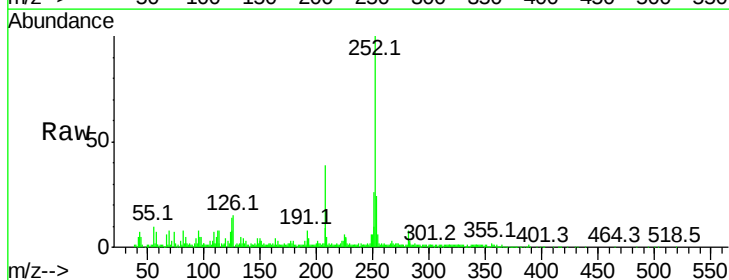
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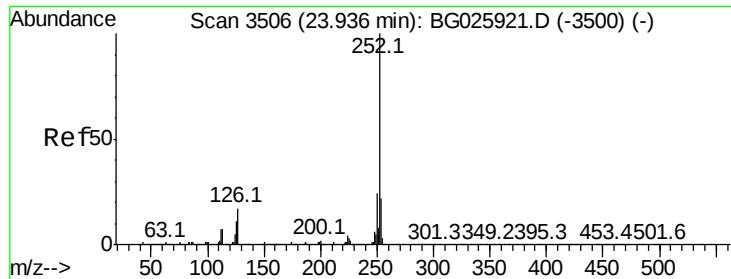
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#23
Benzo(b)fluoranthene
Concen: 4.26 ng/ul
RT: 23.87 min Scan# 3494
Delta R.T. -0.00 min
Lab File: BG025927.D
Acq: 22 Feb 2017 5:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	185955		
253	24.3	18.0	27.0	
125	13.7	8.0	12.0	





#24

Benzo(k)fluoranthene

Concen: 1.51 ng/ul

RT: 23.93 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Instrument :

BNA_G

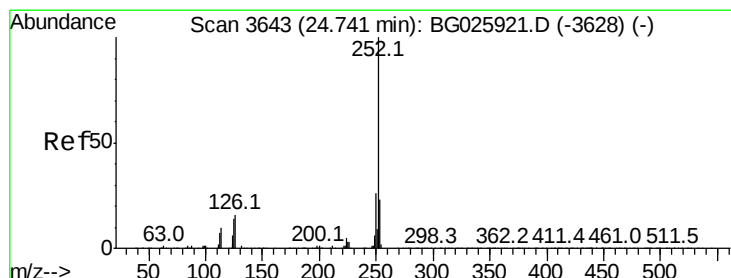
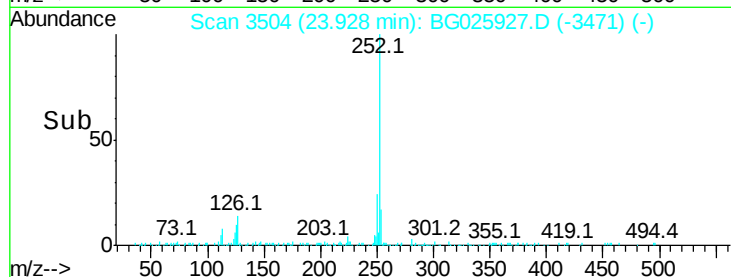
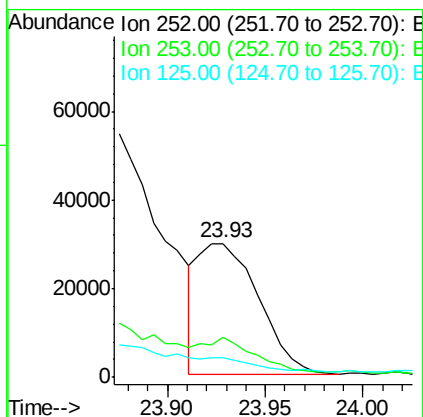
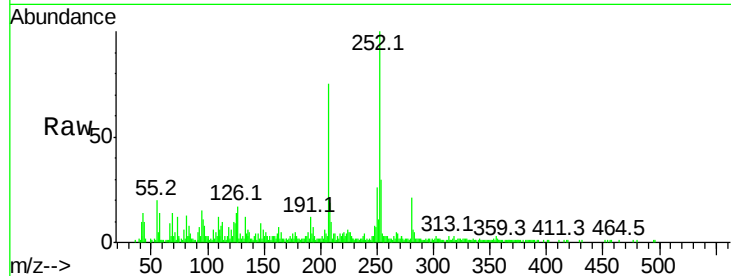
ClientSampleId :

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Tot Ion:	252	Resp:	63617
Ion Ratio	Lower	Upper	
252	100		
253	30.3	18.0	27.0#
125	14.4	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 2.75 ng/ul

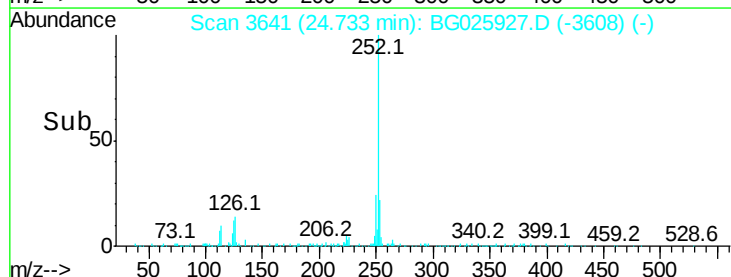
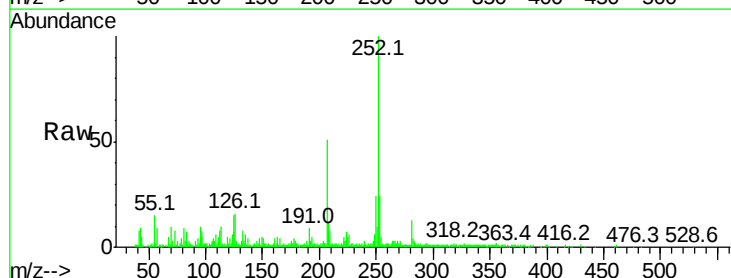
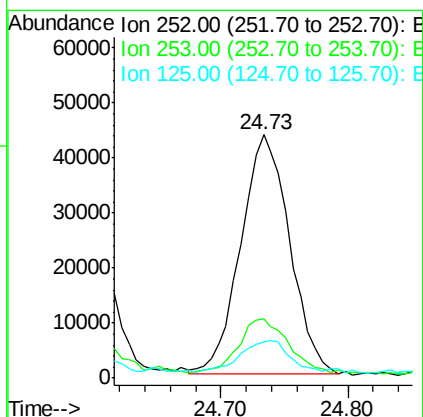
RT: 24.73 min Scan# 3641

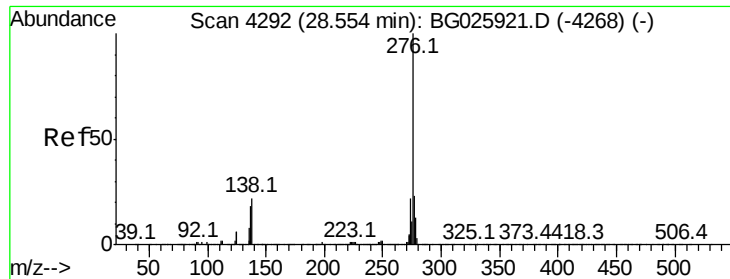
Delta R.T. -0.01 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Tgt Ion:	252	Resp:	115914
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.2	25.8
125	14.9	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.58 ng/ul

RT: 28.55 min Scan# 4291

Delta R.T. -0.00 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Instrument :

BNA_G

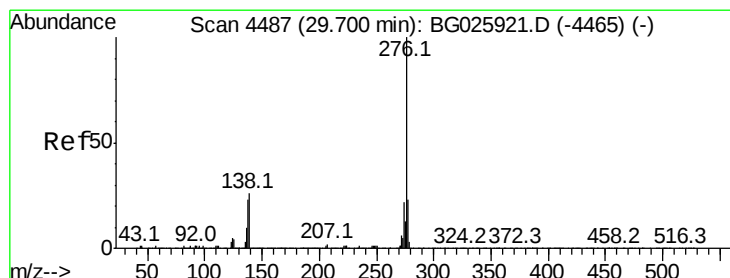
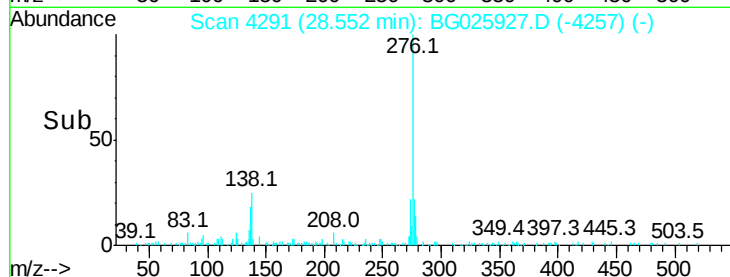
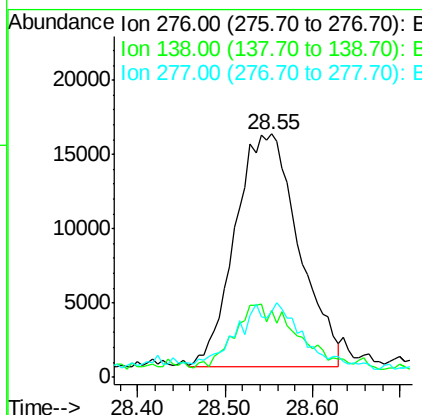
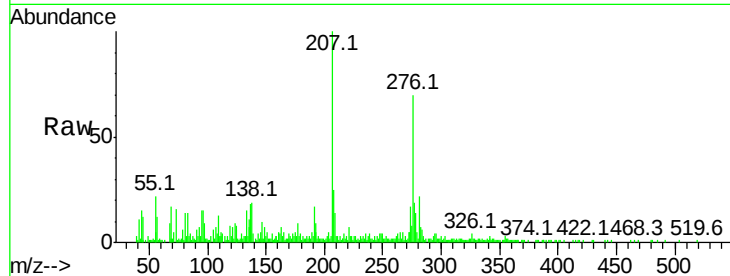
ClientSampleId :

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Tot Ion:	276	Resp:	78171
Ion Ratio	Lower	Upper	
276	100		
138	27.6	14.4	21.6#
277	27.1	18.0	27.0#

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#29

Benzo(g,h,i)perylene

Concen: 1.93 ng/ul m

RT: 29.69 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG025927.D

Acq: 22 Feb 2017 5:50

Tgt Ion:	276	Resp:	78900
Ion Ratio	Lower	Upper	
276	100		
138	22.0	15.3	22.9
277	29.5	19.0	28.4#

