

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030917\
 Data File : BG026151.D
 Acq On : 9 Mar 2017 16:00
 Operator : SJ/MA
 Sample : I2069-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Manual Integrations
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Quant Time: Mar 15 15:36:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 15:29:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	104069	20.00	ng/ul	0.00
2) Naphthalene-d8	10.87	136	459848	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	269182	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	645802	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	745314	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	734618	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	189016	27.75	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	814351	35.48	ng/ul	0.00
10) Fluorene-d10	15.65	176	599271	35.79	ng/ul	0.00
15) Anthracene-d10	17.49	188	918357	32.00	ng/ul	0.00
19) Pyrene-d10	19.77	212	1113149	29.27	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	1116691	35.25	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.44	178	107037	3.13	ng/ul	97
17) Fluoranthene	19.44	202	137058	3.86	ng/ul#	97
20) Pyrene	19.80	202	117124	2.47	ng/ul	98
21) Benzo(a)anthracene	21.62	228	60782	1.47	ng/ul	97
22) Chrysene	21.69	228	54182	1.40	ng/ul	99
24) Benzo(b)fluoranthene	23.83	252	65612m	1.57	ng/ul	
27) Benzo(a)pyrene	24.68	252	46674	1.20	ng/ul	94

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

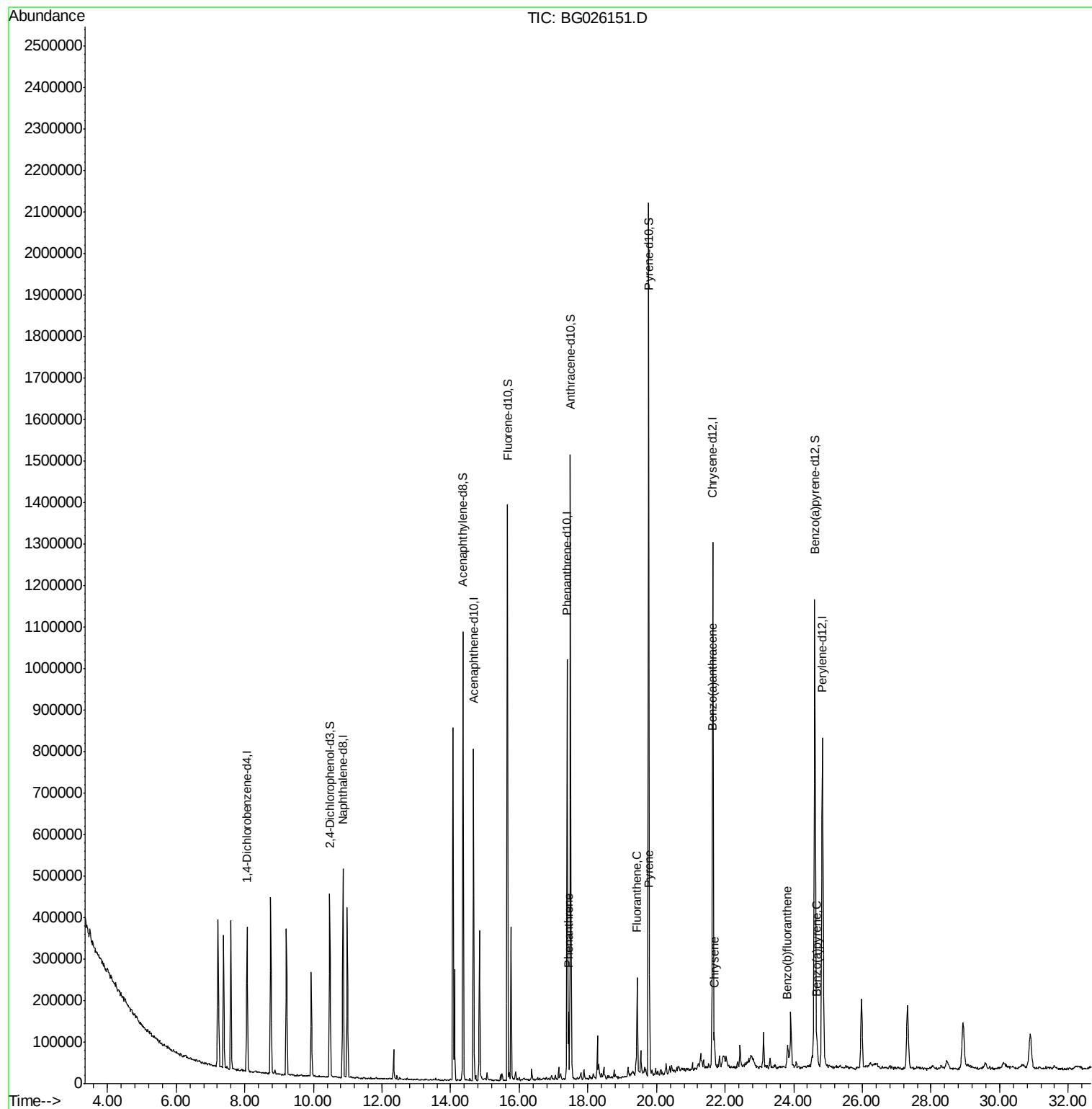
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030917\
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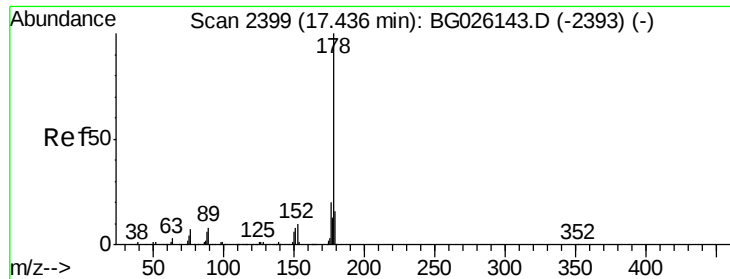
Instrument :
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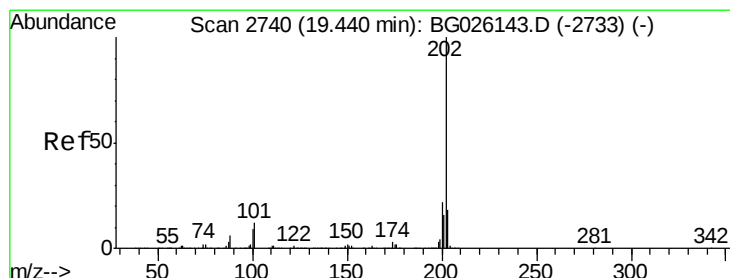
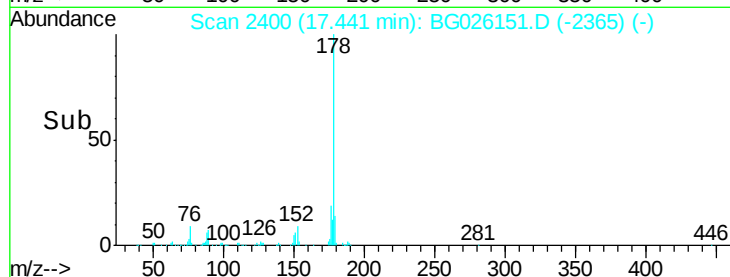
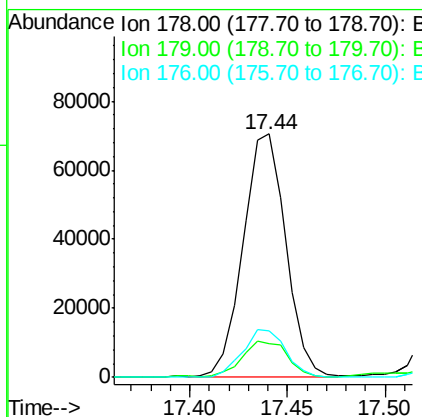
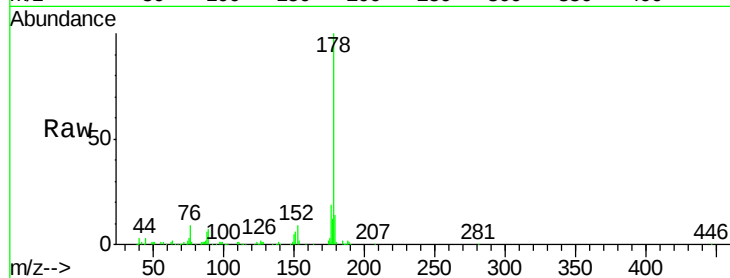
#14
Phenanthrene
Concen: 3.13 ng/ul
RT: 17.44 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BG026151.D
Acq: 9 Mar 2017 16:00

Instrument :
BNA_G
ClientSampleId :
C0AG7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.2	18.4
176	19.1	16.4	24.6

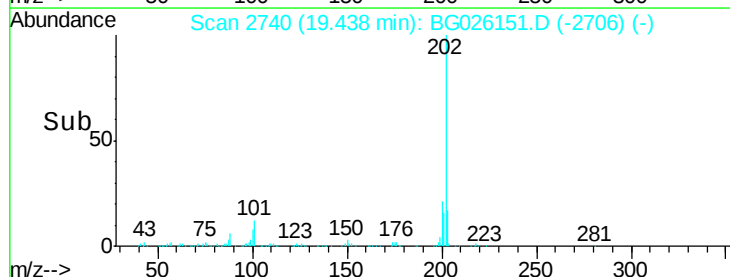
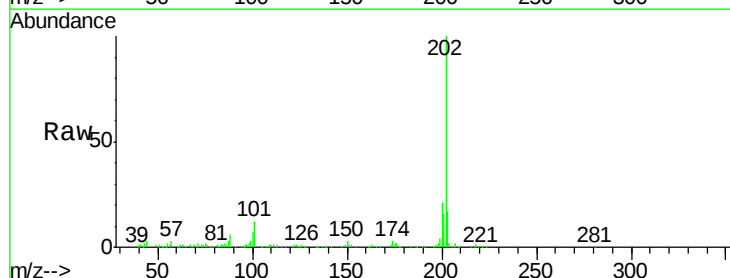
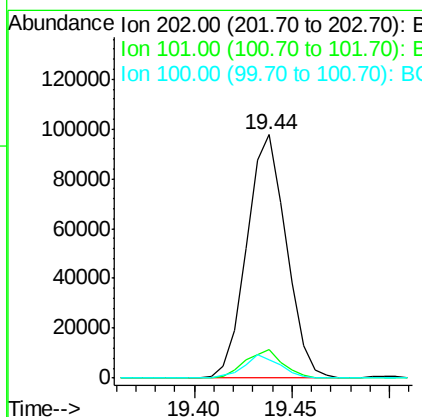
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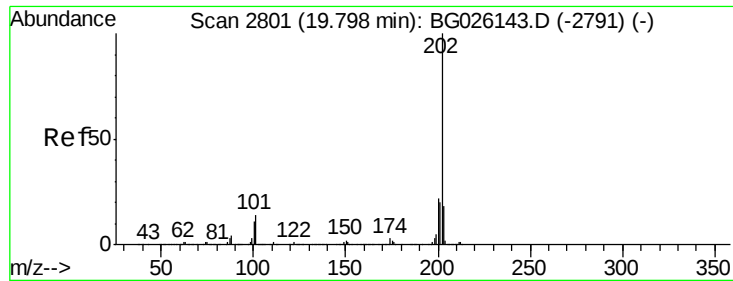
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#17
Fluoranthene
Concen: 3.86 ng/ul
RT: 19.44 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BG026151.D
Acq: 9 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	7.5	7.5	11.3





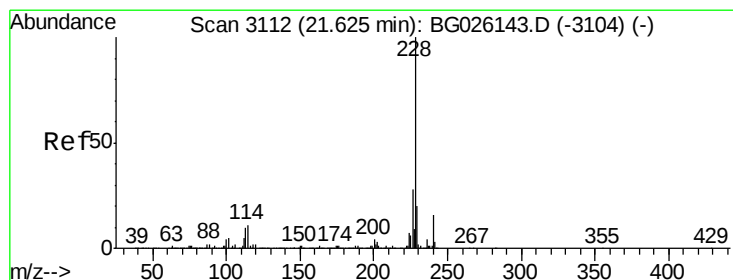
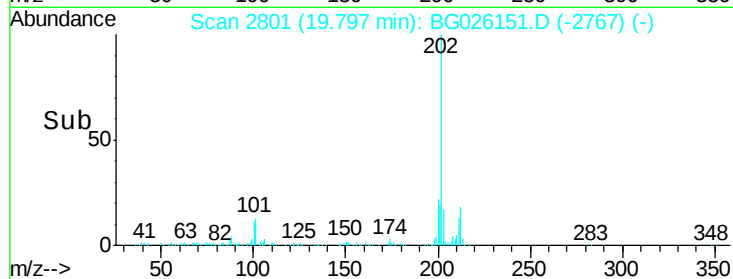
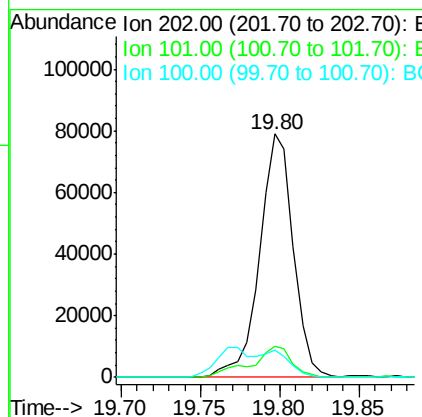
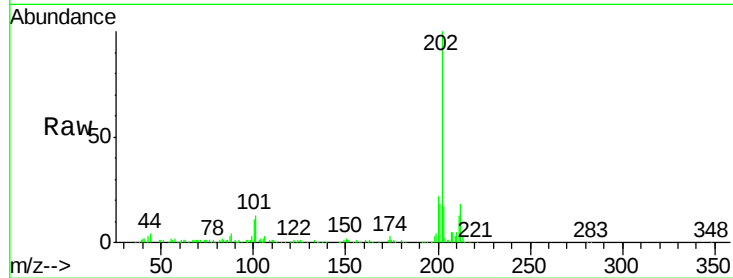
#20
Pyrene
Concen: 2.47 ng/ul
RT: 19.80 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BG026151.D
Acq: 9 Mar 2017 16:00

Instrument :
BNA_G
ClientSampleId :
C0AG7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	11.2	16.8
100	11.3	9.8	14.6

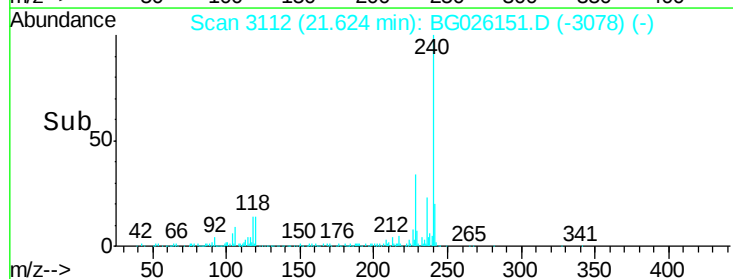
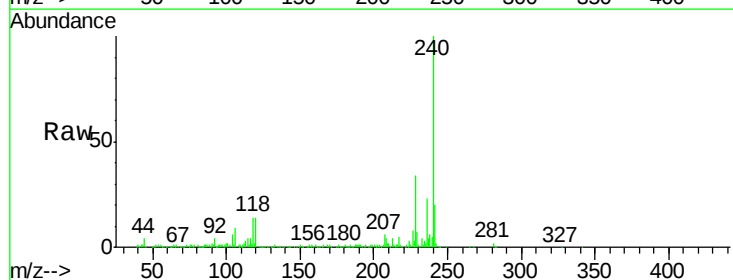
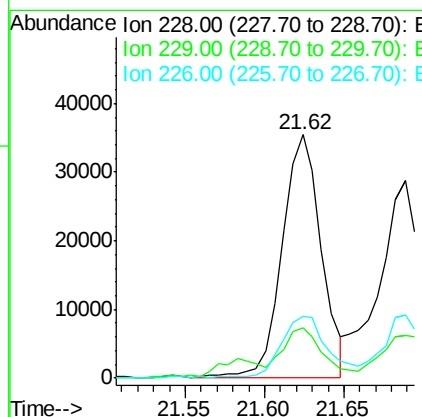
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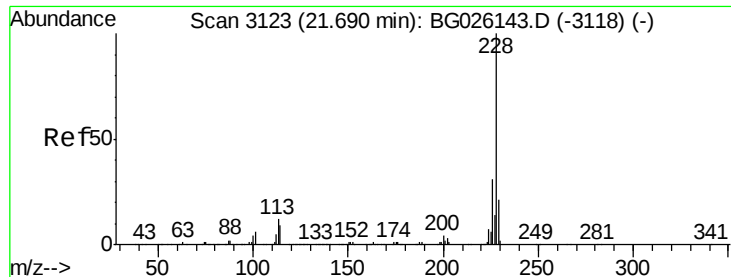
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#21
Benzo(a)anthracene
Concen: 1.47 ng/ul
RT: 21.62 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG026151.D
Acq: 9 Mar 2017 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.9	23.9
226	25.3	22.1	33.1





#22

Chrysene

Concen: 1.40 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG026151.D

Acq: 9 Mar 2017 16:00

Instrument :

BNA_G

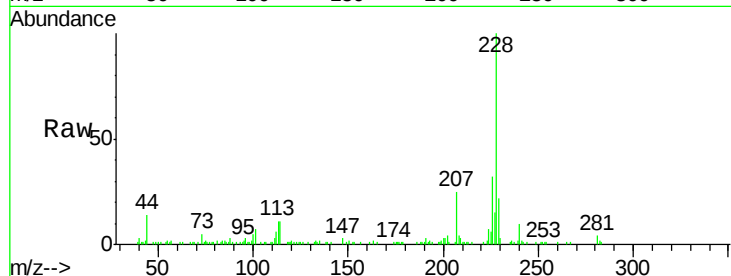
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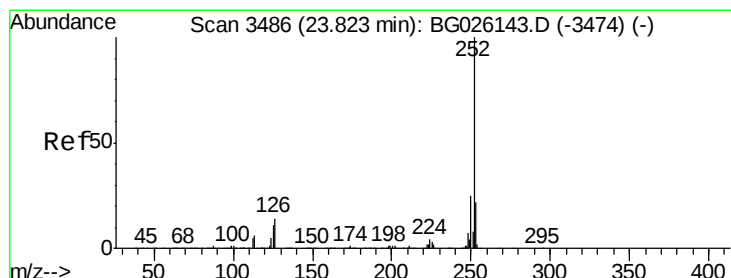
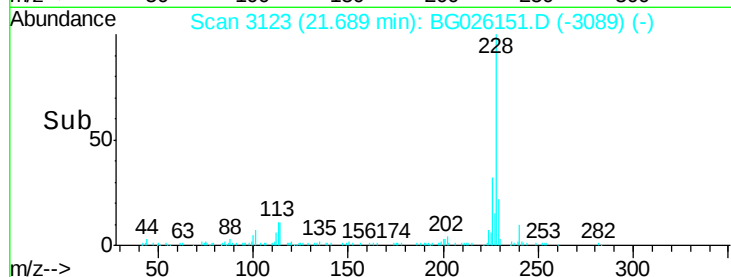
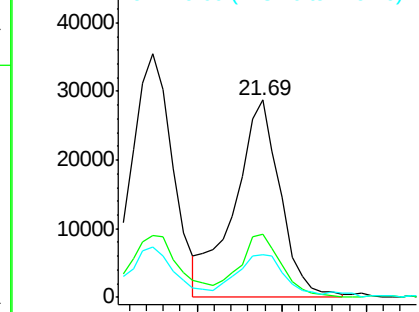
Tgt Ion:	228	Resp:	54182
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.0	37.6
229	21.7	16.6	25.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 1.57 ng/ul m

RT: 23.83 min Scan# 3487

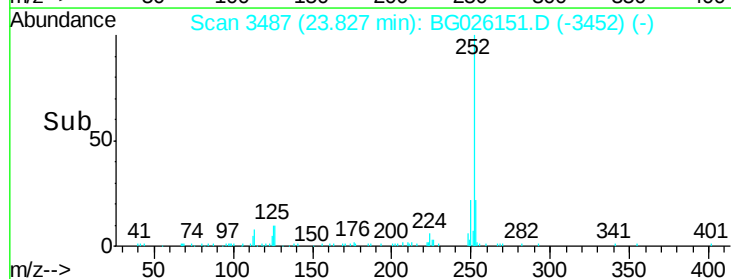
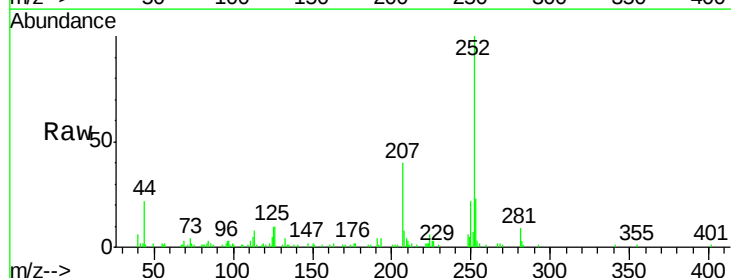
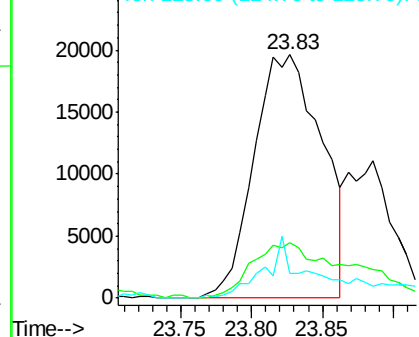
Delta R.T. 0.00 min

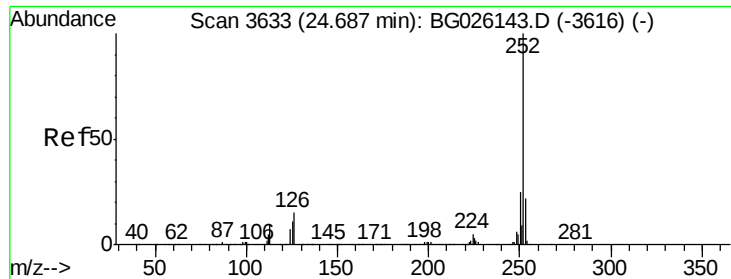
Lab File: BG026151.D

Acq: 9 Mar 2017 16:00

Tgt Ion:	252	Resp:	65612
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	10.4	9.4	14.0

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
 Benzo(a)pyrene
 Concen: 1.20 ng/ul
 RT: 24.68 min Scan# 3632
 Delta R.T. -0.01 min
 Lab File: BG026151.D
 Acq: 9 Mar 2017 16:00

Instrument :
 BNA_G
 ClientSampleId :
 C0AG7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.7	9.4	14.2

Manual Integrations
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