

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025892.D
 Acq On : 21 Feb 2017 3:18
 Operator : SJ/MA
 Sample : I1898-23
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC6

Manual Integrations
 APPROVED

mohammad
 2/21/2017 10:36:23 AM

Quant Time: Feb 21 04:02:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 02:22:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	138452	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	677560	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	426885	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	953746	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	926783	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	887946	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	945200	26.74	ng/ul	0.00
10) Fluorene-d10	15.67	176	694419	25.58	ng/ul	0.00
14) Anthracene-d10	17.51	188	1027831	23.84	ng/ul	0.00
18) Pyrene-d10	19.79	212	1056588	23.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	976658	24.85	ng/ul	0.00
Target Compounds						
16) Fluoranthene	19.45	202	111763	2.00	ng/ul	Qvalue 98
19) Pyrene	19.82	202	96377	1.72	ng/ul#	94
20) Benzo(a)anthracene	21.65	228	56594	1.09	ng/ul	97
21) Chrysene	21.71	228	61408m	1.23	ng/ul	
23) Benzo(b)fluoranthene	23.85	252	91740	1.79	ng/ul#	94
26) Benzo(a)pyrene	24.72	252	55396	1.12	ng/ul#	87

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

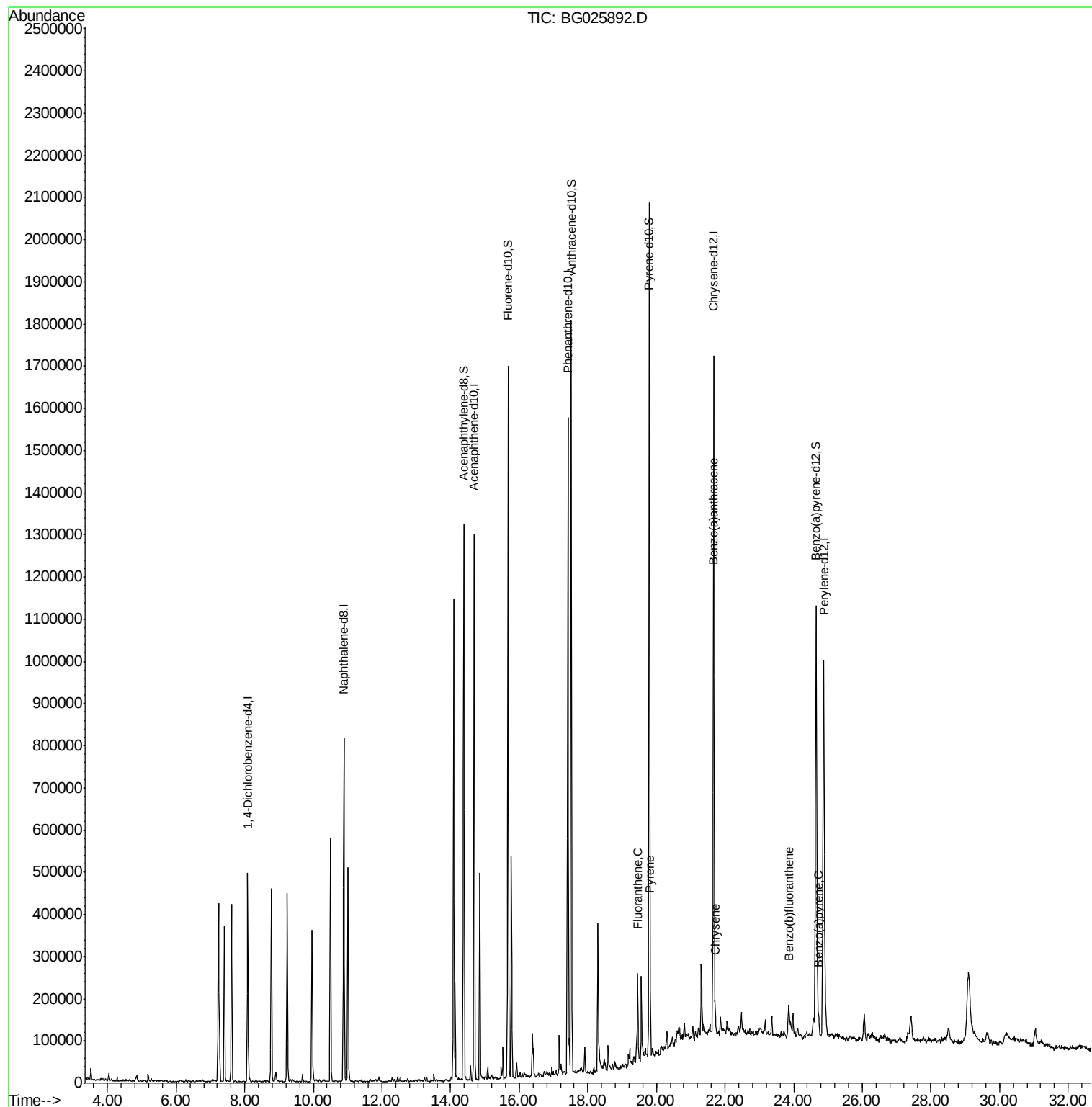
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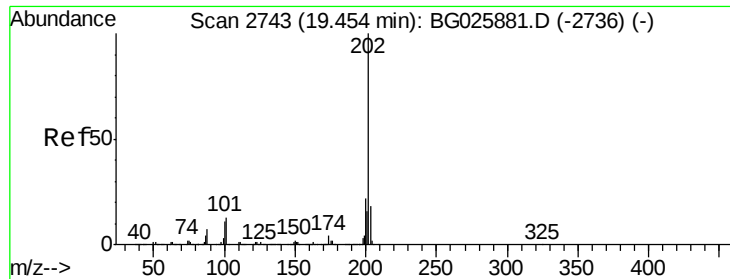
Instrument :
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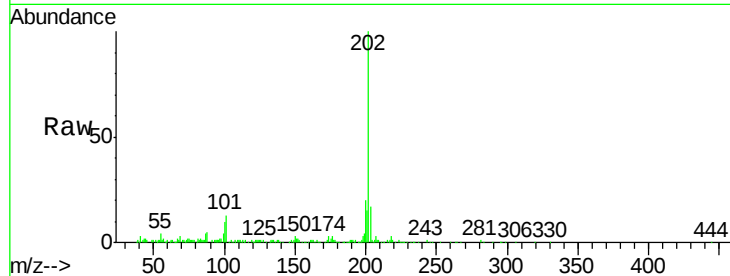
#16
Fluoranthene
 Concen: 2.00 ng/ul
 RT: 19.45 min Scan# 2742
 Delta R.T. -0.00 min
 Lab File: BG025892.D
 Acq: 21 Feb 2017 3:18

Instrument :
 BNA_G
 ClientSampleId :
 DABC6

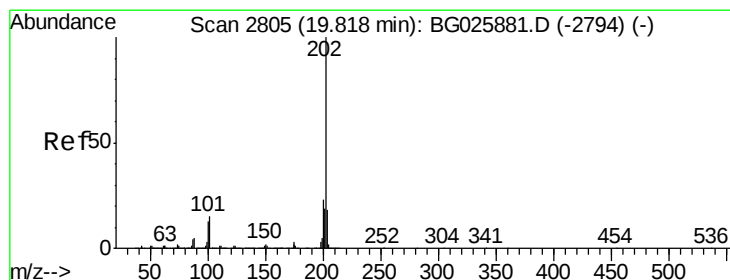
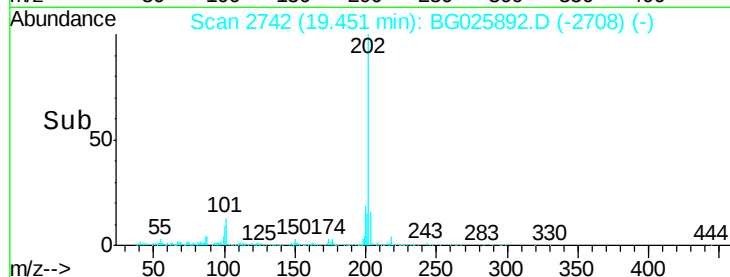
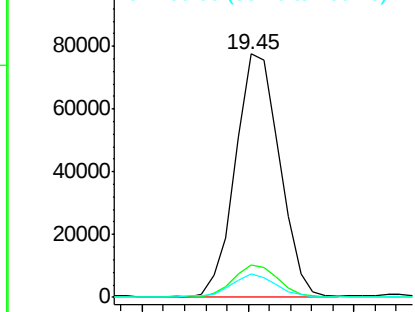
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.4	9.9	14.9
100	9.8	7.4	11.0

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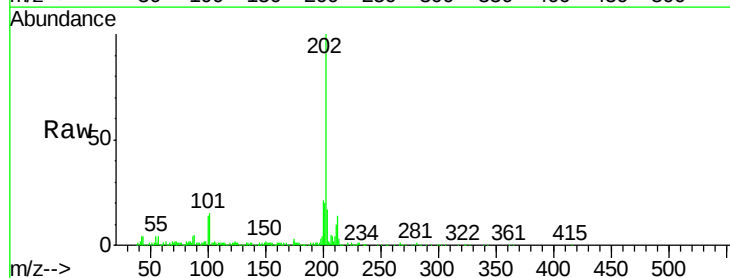


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

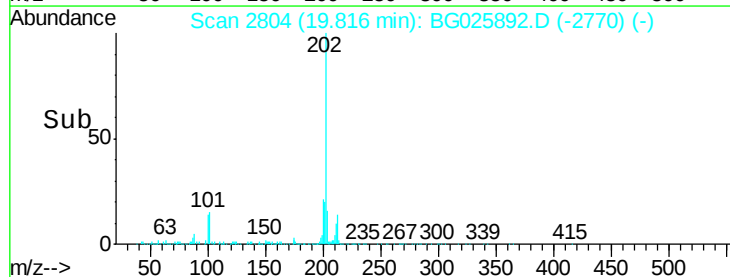
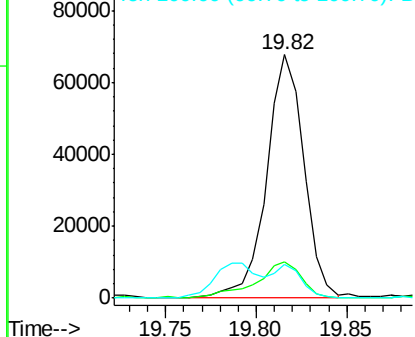


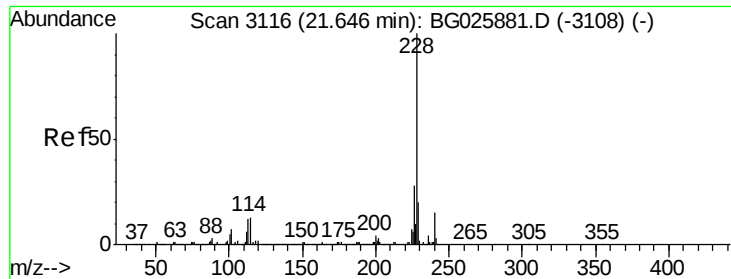
#19
Pyrene
 Concen: 1.72 ng/ul
 RT: 19.82 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BG025892.D
 Acq: 21 Feb 2017 3:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	11.0	16.4
100	14.0	8.1	12.1#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.09 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BG025892.D

Acq: 21 Feb 2017 3:18

Instrument :

BNA_G

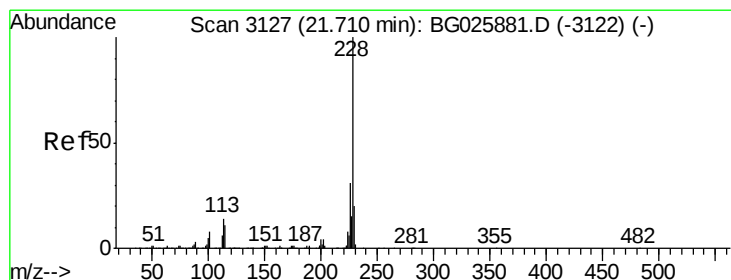
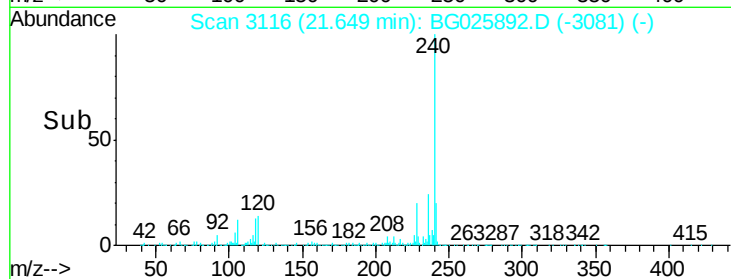
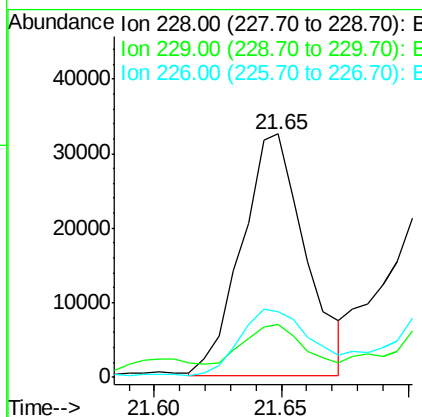
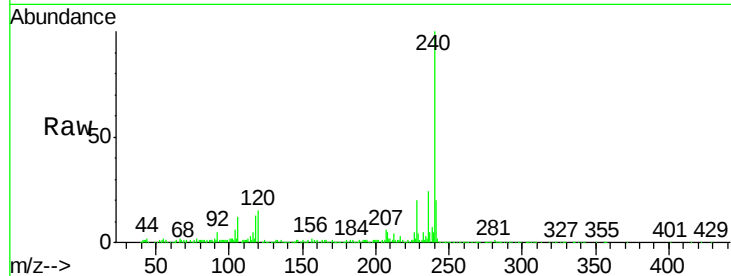
ClientSampleId :

DABC6

Tgt Ion:	228	Resp:	56594
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.7	23.5
226	26.8	21.1	31.7

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#21

Chrysene

Concen: 1.23 ng/ul m

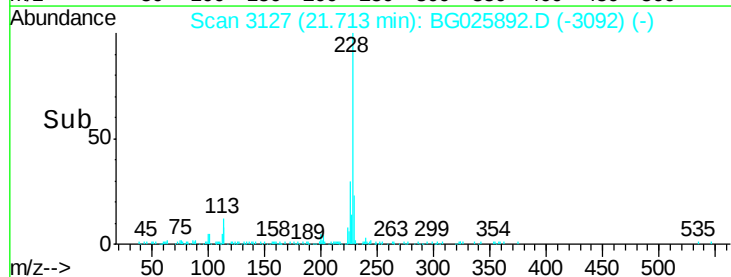
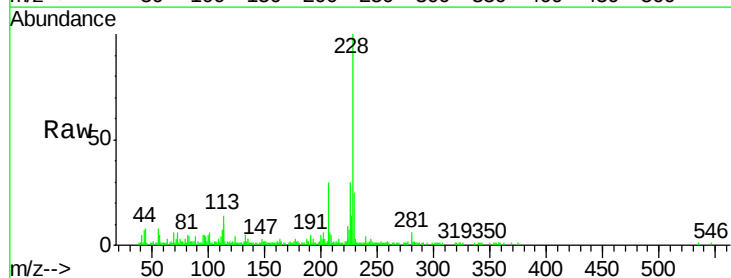
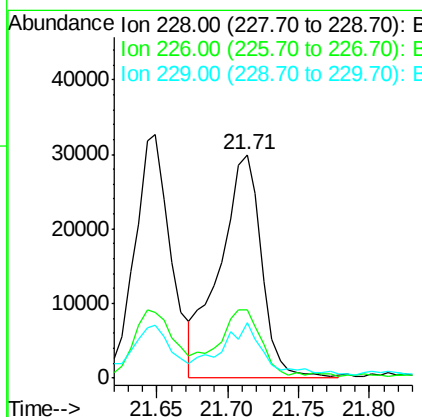
RT: 21.71 min Scan# 3127

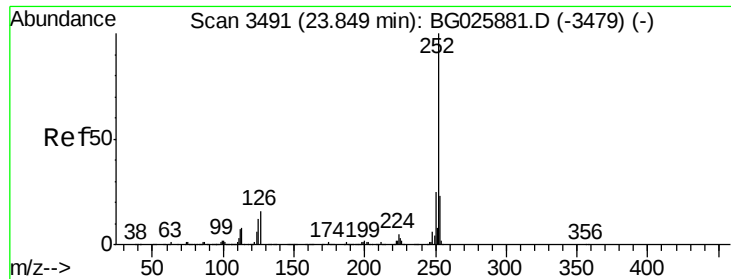
Delta R.T. 0.00 min

Lab File: BG025892.D

Acq: 21 Feb 2017 3:18

Tgt Ion:	228	Resp:	61408
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	24.8	15.8	23.8#





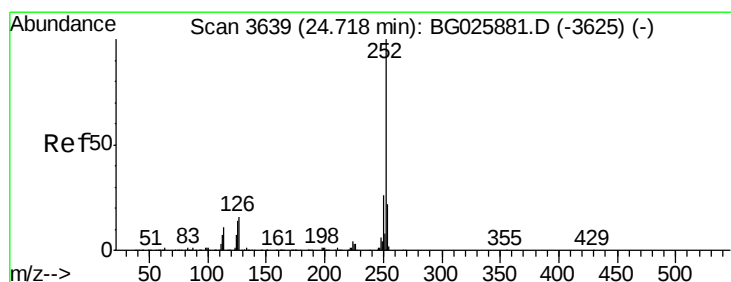
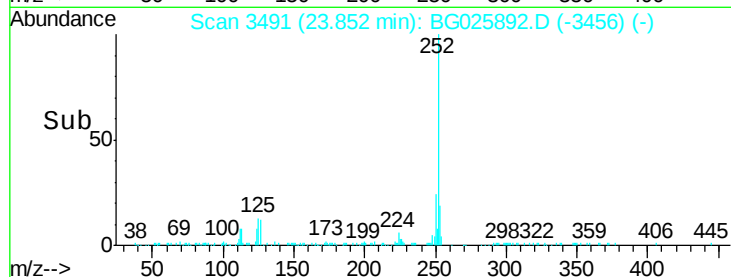
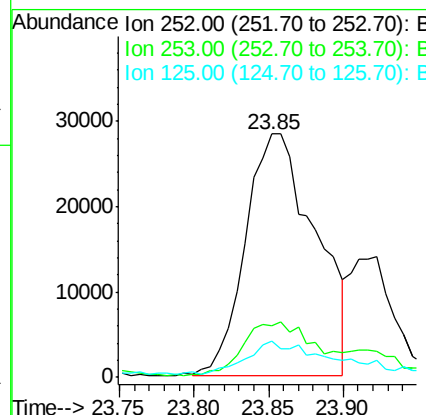
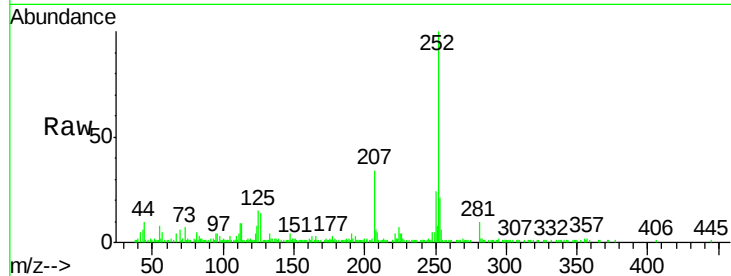
#23
Benzo(b)fluoranthene
Concen: 1.79 ng/ul
RT: 23.85 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BG025892.D
Acq: 21 Feb 2017 3:18

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	14.7	8.0	12.0

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#26
Benzo(a)pyrene
Concen: 1.12 ng/ul
RT: 24.72 min Scan# 3639
Delta R.T. 0.00 min
Lab File: BG025892.D
Acq: 21 Feb 2017 3:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.2	25.8
125	12.9	8.2	12.4

