

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
 Data File : BM008603.D
 Acq On : 23 Dec 2016 19:44
 Operator : UM/SJ
 Sample : H6069-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J0

Manual Integrations
 APPROVED

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Quant Time: Dec 26 10:21:42 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	442	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.42	136	1499	0.40	ng/ul	-0.10
6) Acenaphthene-d10	14.28	164	1005	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	2104m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1579	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1118m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1062	0.46	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	2511	0.43	ng/ul	-0.03
Target Compounds						
3) Naphthalene	10.46	128	876	0.21	ng/ul#	85
5) 2-Methylnaphthalene	12.11	142	1149	0.40	ng/ul	99
12) Phenanthrene	17.07	178	2724	0.42	ng/ul	99
15) Fluoranthene	19.11	202	633	0.08	ng/ul	71
18) Benzo(a)anthracene	21.24	228	457	0.09	ng/ul#	59
19) Chrysene	21.29	228	529	0.09	ng/ul#	62

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

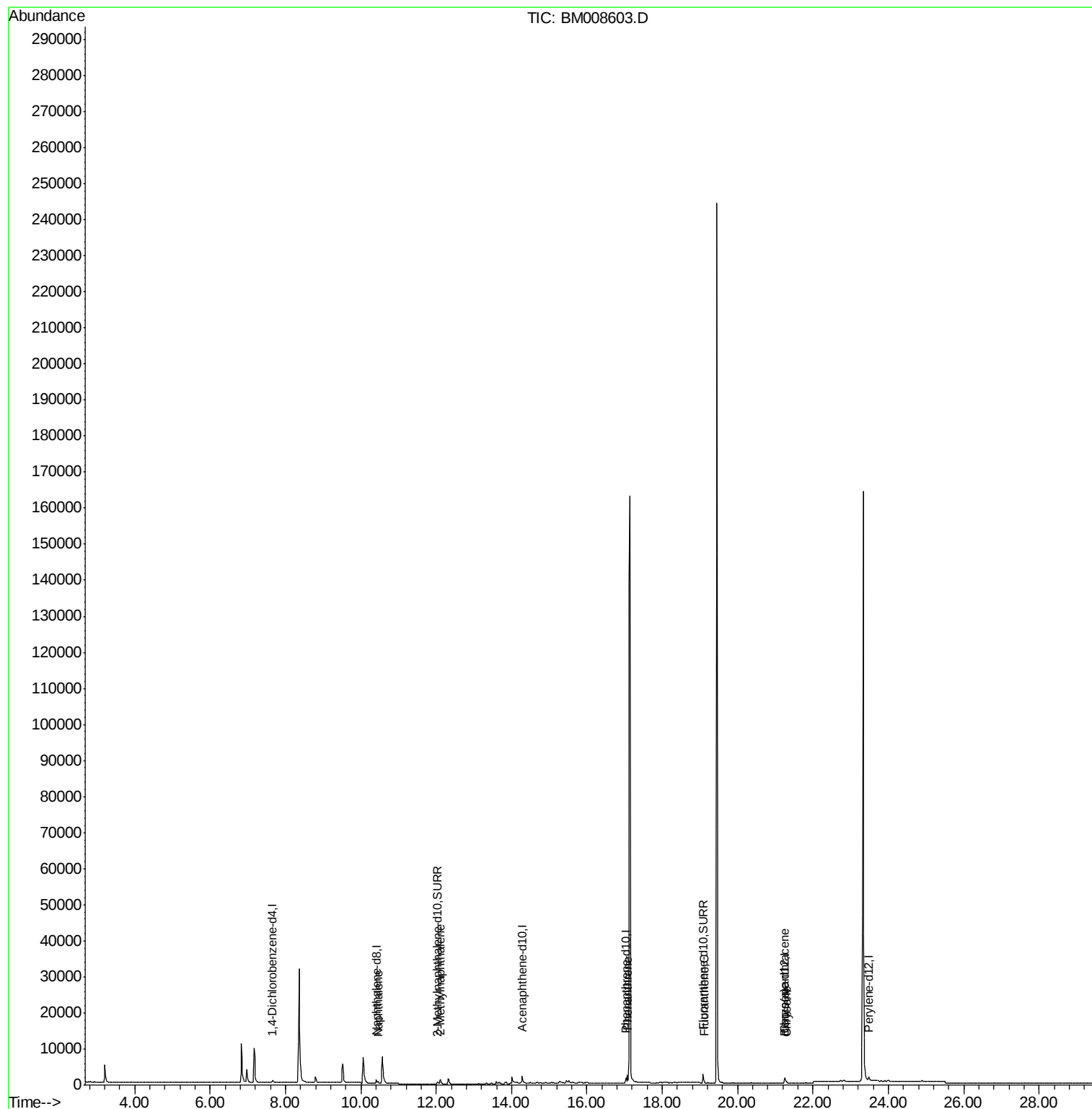
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
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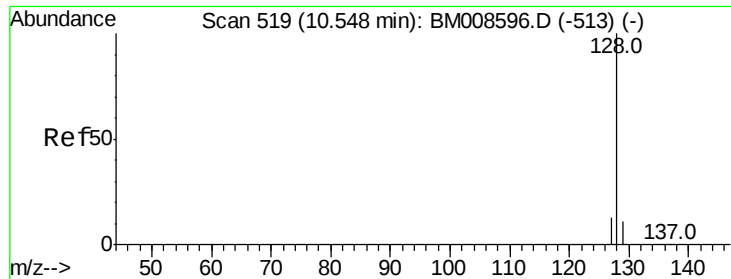
Instrument :
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#3

Naphthalene

Concen: 0.21 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.10 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

Instrument :

BNA_M

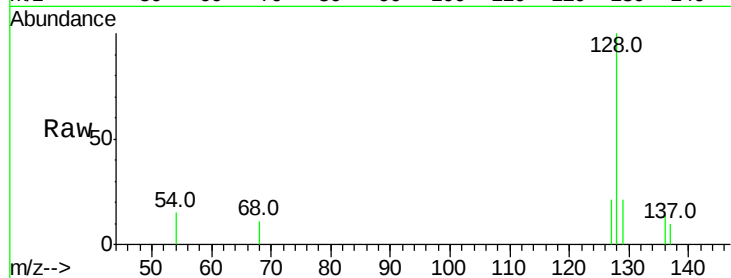
ClientSampleId :

DA7J0

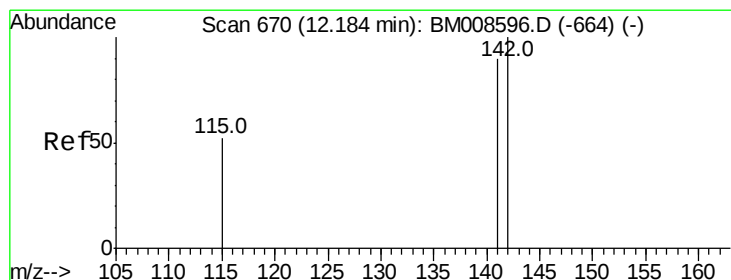
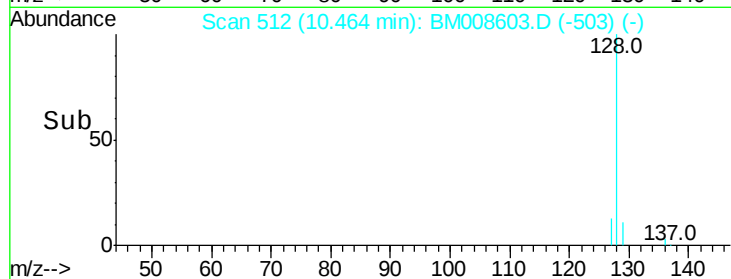
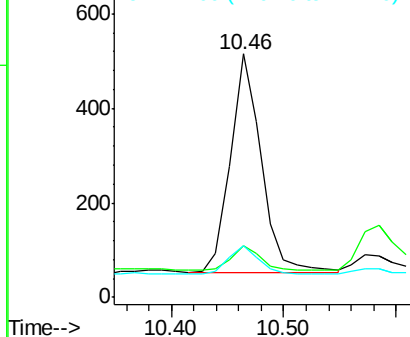
Tot Ion:	128	Resp:	876
Ion	Ratio	Lower	Upper
128	100		
129	21.4	11.3	16.9#
127	21.2	12.8	19.2#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.40 ng/ul

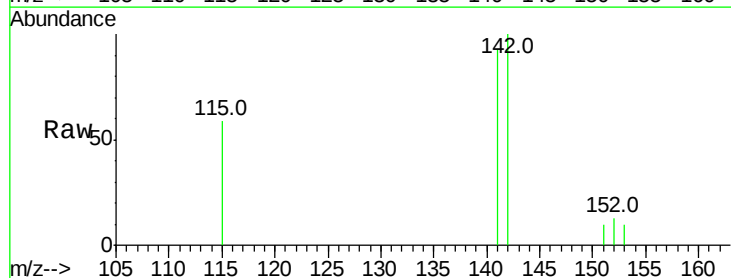
RT: 12.11 min Scan# 663

Delta R.T. -0.08 min

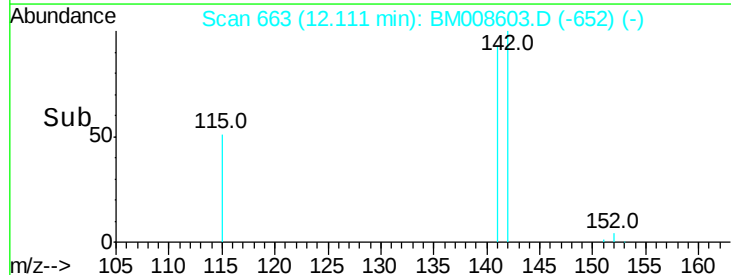
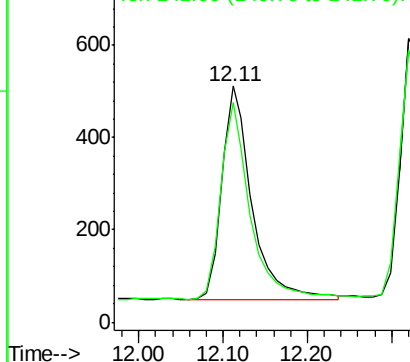
Lab File: BM008603.D

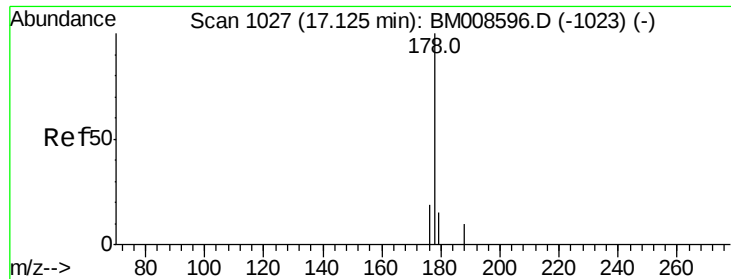
Acq: 23 Dec 2016 19:44

Tgt Ion:	142	Resp:	1149
Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





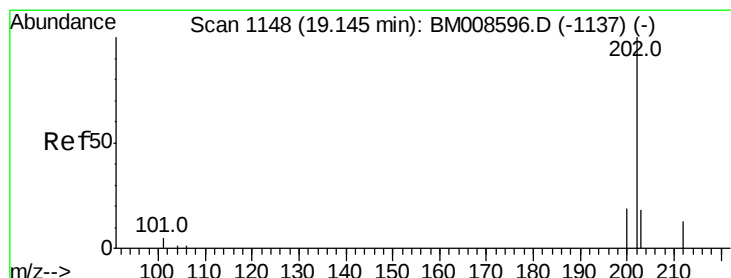
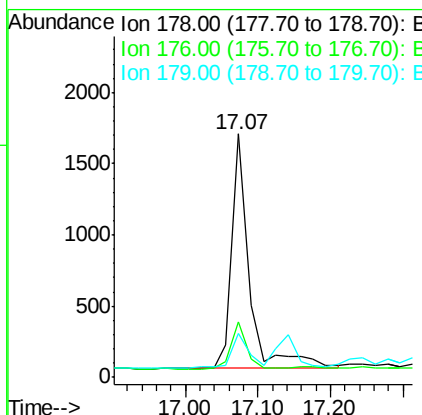
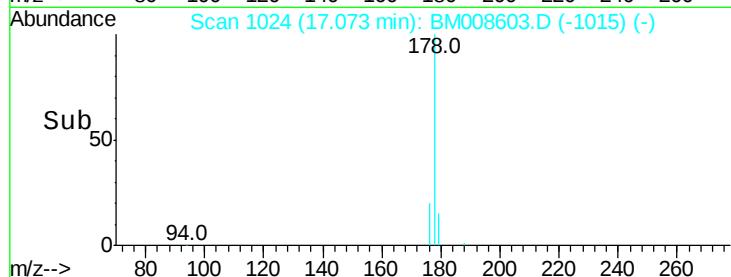
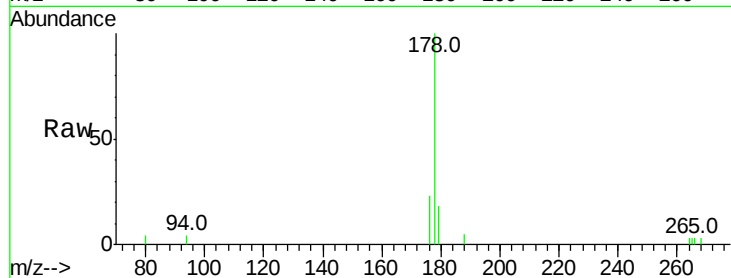
#12
Phenanthrene
Concen: 0.42 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008603.D
Acq: 23 Dec 2016 19:44

Instrument :
BNA_M
ClientSampleId :
DA7J0

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.4	27.6
179	18.2	13.6	20.4

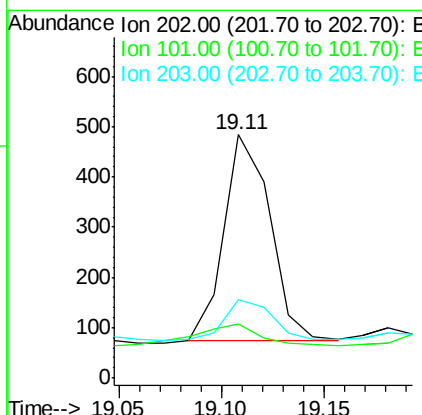
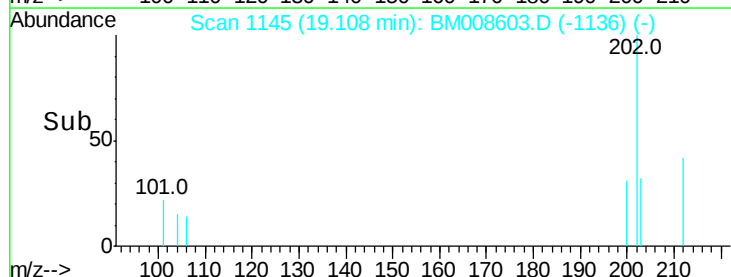
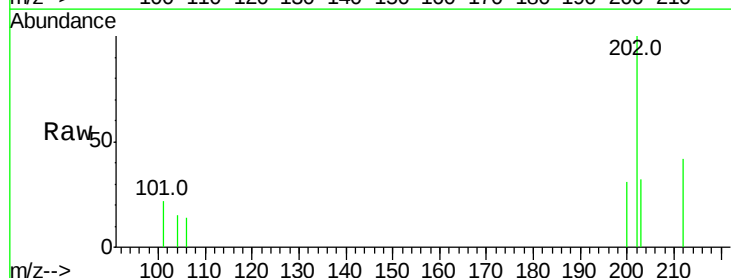
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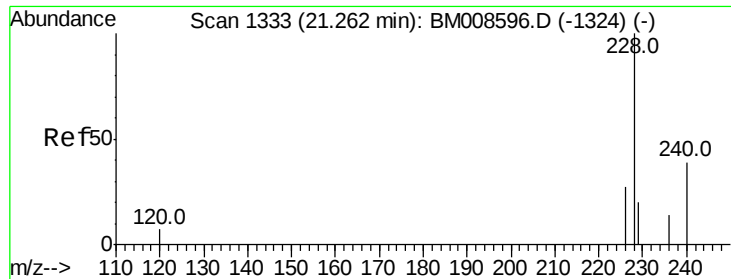
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#15
Fluoranthene
Concen: 0.08 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM008603.D
Acq: 23 Dec 2016 19:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	22.3	0.0	30.3
203	32.0	0.0	39.5





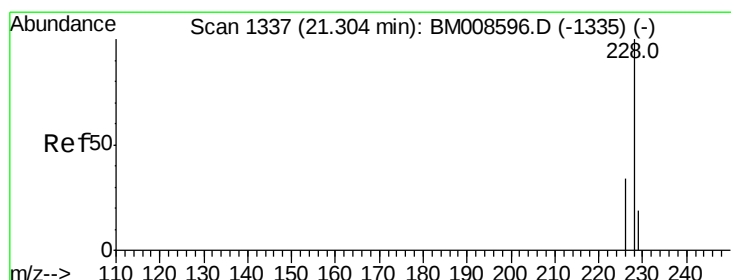
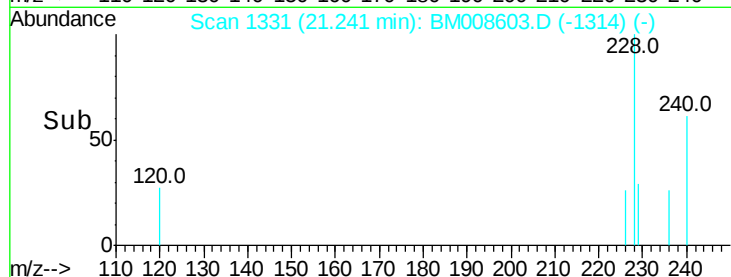
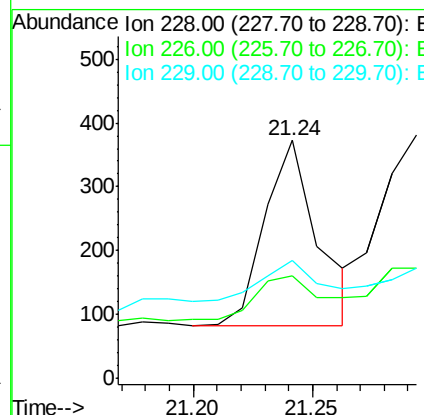
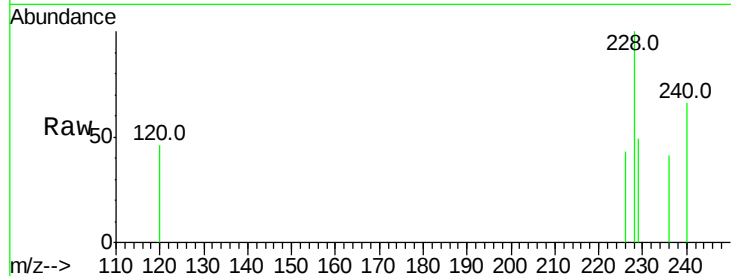
#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008603.D
Acq: 23 Dec 2016 19:44

Instrument :
BNA_M
ClientSampleId :
DA7J0

Tot Ion	Ratio	Lower	Upper
228	100		
226	43.2	22.8	34.2#
229	49.3	17.0	25.6#

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#19
Chrysene
Concen: 0.09 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM008603.D
Acq: 23 Dec 2016 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.2	23.4	35.0#
229	45.4	17.7	26.5#

