

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008472.D
 Acq On : 20 Dec 2016 10:09
 Operator : UM/SJ
 Sample : H5970-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA857

Manual Integrations
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Quant Time: Dec 20 14:30:34 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	439	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1492	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	887	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1683m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1533	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1214m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	457	0.20	ng/ul	-0.05
14) Fluoranthene-d10	19.08	212	1035	0.22	ng/ul	-0.03
Target Compounds						
3) Naphthalene	10.48	128	792	0.19	ng/ul#	84
5) 2-Methylnaphthalene	12.12	142	687	0.24	ng/ul	100
8) Acenaphthene	14.35	153	161	0.05	ng/ul#	90
12) Phenanthrene	17.09	178	1203m	0.23	ng/ul	
15) Fluoranthene	19.12	202	555	0.09	ng/ul	78
18) Benzo(a)anthracene	21.24	228	368	0.07	ng/ul#	57
19) Chrysene	21.29	228	443	0.08	ng/ul#	61
26) Benzo(g,h,i)perylene	26.40	276	1508m	0.33	ng/ul	

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

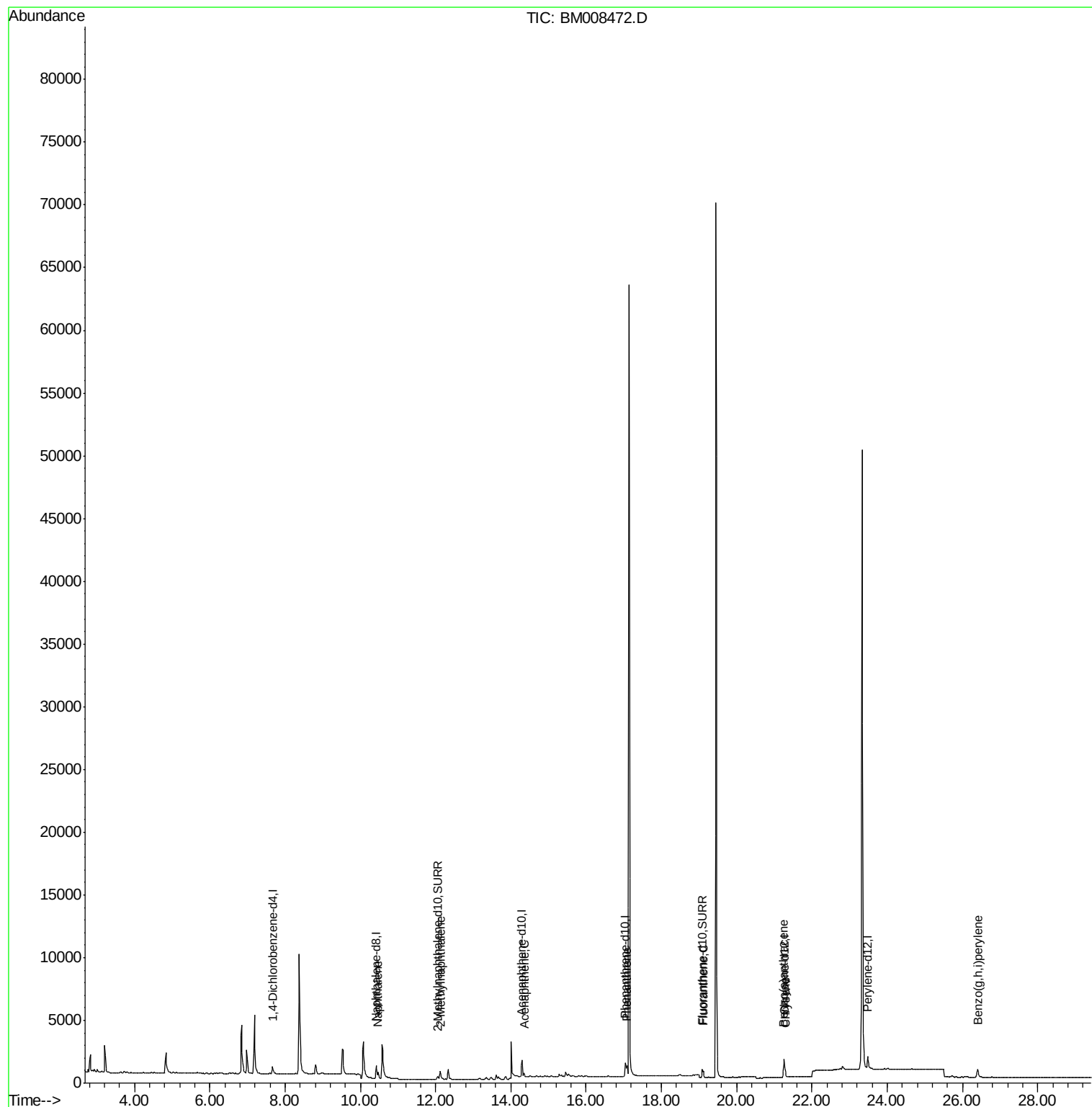
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Data File : BM008472.D
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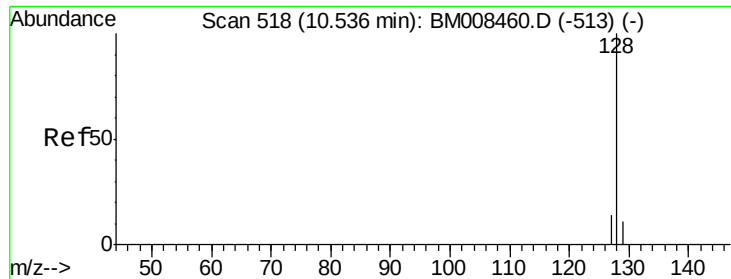
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#3

Naphthalene

Concen: 0.19 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008472.D

Acq: 20 Dec 2016 10:09

Instrument :

BNA_M

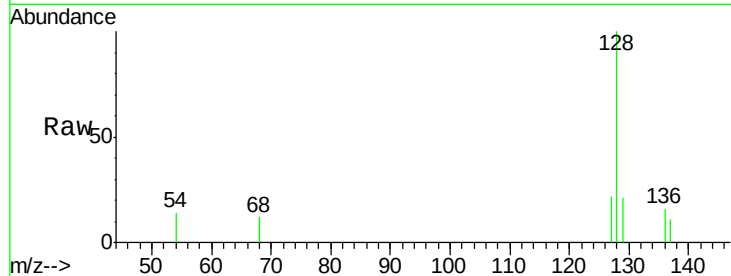
ClientSampleId :

DA857

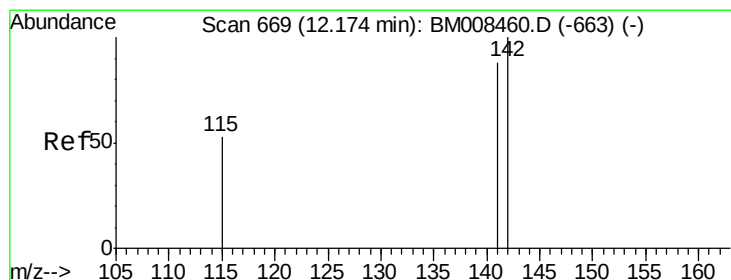
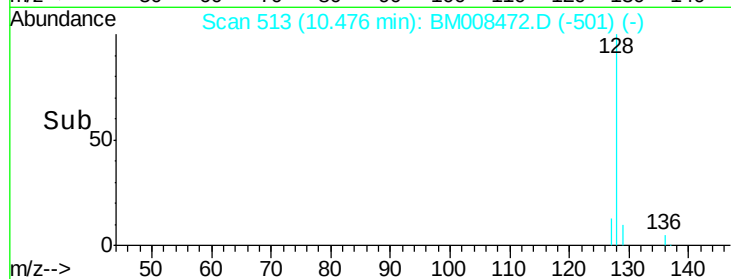
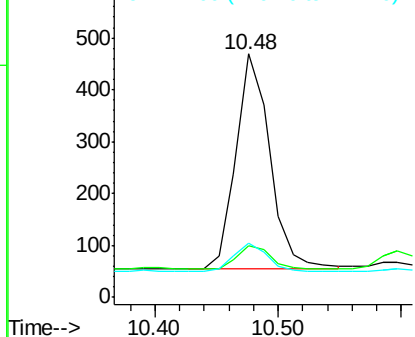
Tot Ion:	128	Resp:	792
Ion Ratio	Lower	Upper	
128	100		
129	21.1	11.3	16.9#
127	22.4	12.8	19.2#

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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: 0.24 ng/ul

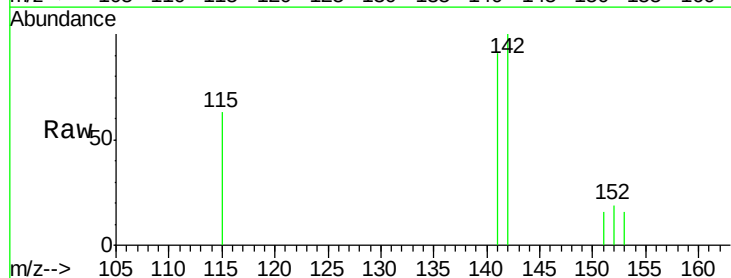
RT: 12.12 min Scan# 664

Delta R.T. -0.05 min

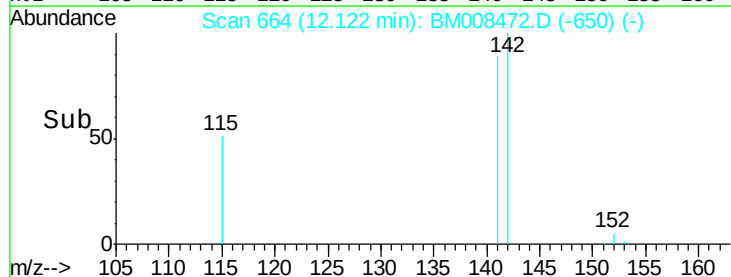
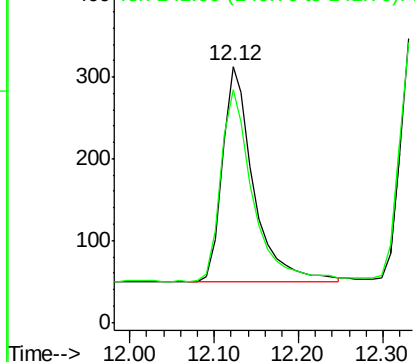
Lab File: BM008472.D

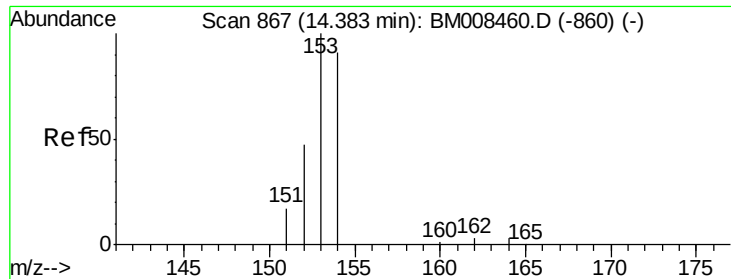
Acq: 20 Dec 2016 10:09

Tgt Ion:	142	Resp:	687
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.6	108.8



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





#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008472.D

Acq: 20 Dec 2016 10:09

Instrument :

BNA_M

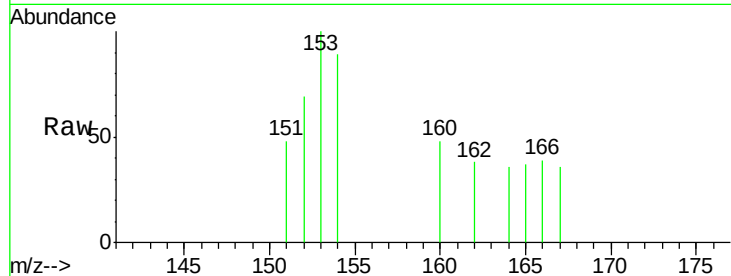
ClientSampleID :

DA857

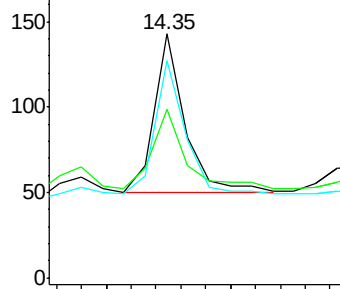
Tot Ion:	153	Resp:	161
Ion	Ratio	Lower	Upper
153	100		
152	69.2	40.3	60.5#
154	88.8	71.4	107.2

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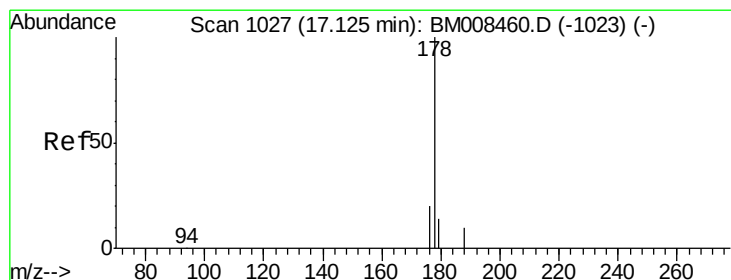
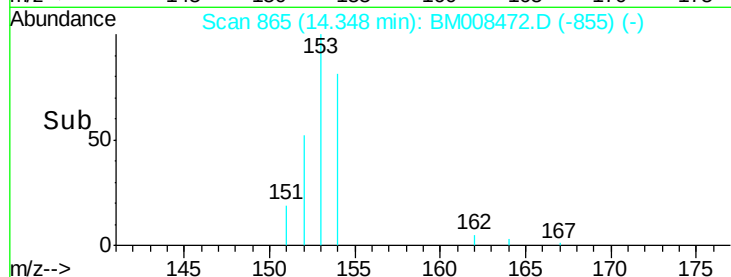
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#12

Phenanthrene

Concen: 0.23 ng/ul m

RT: 17.09 min Scan# 1025

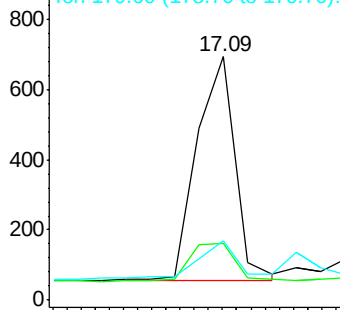
Delta R.T. -0.03 min

Lab File: BM008472.D

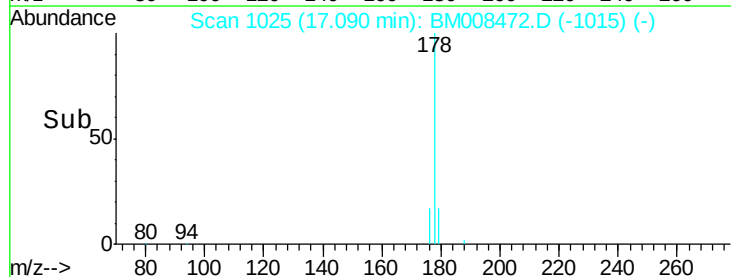
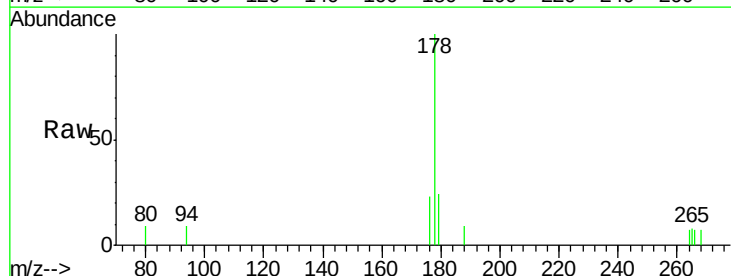
Acq: 20 Dec 2016 10:09

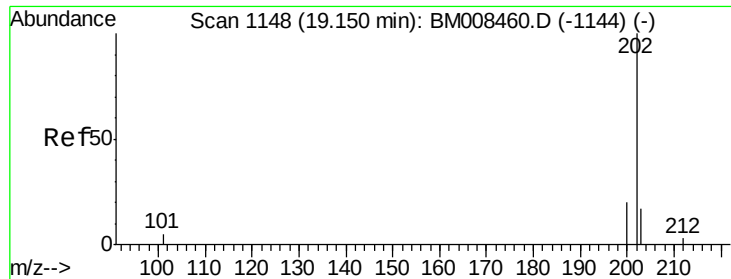
Tgt Ion:	178	Resp:	1203
Ion	Ratio	Lower	Upper
178	100		
176	23.2	18.4	27.6
179	24.4	13.6	20.4#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





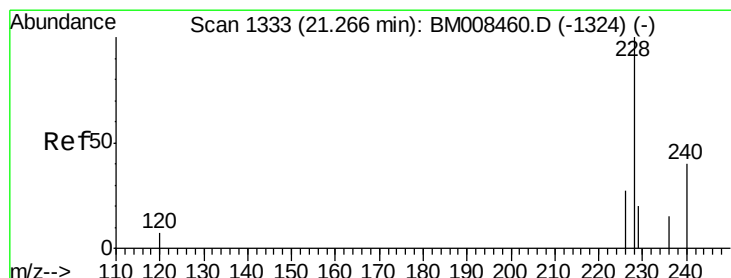
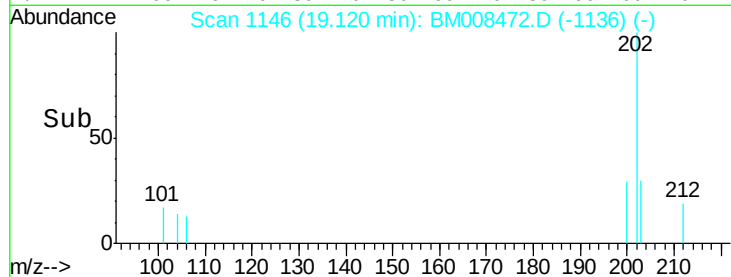
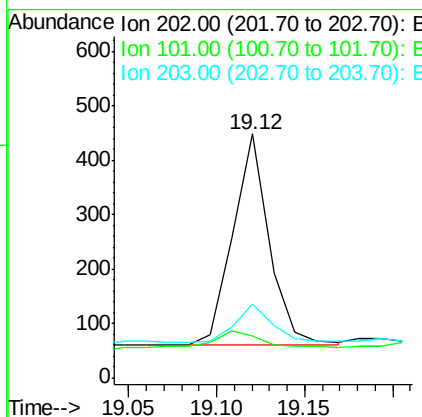
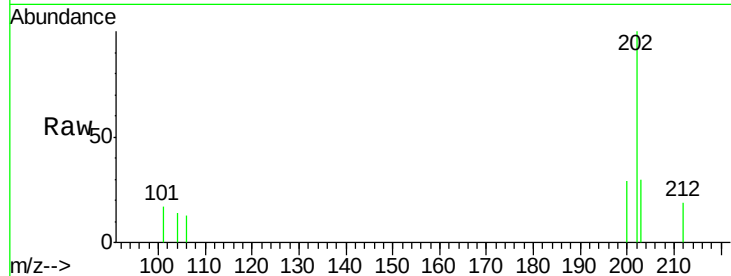
#15
 Fluoranthene
 Concen: 0.09 ng/ul
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BM008472.D
 Acq: 20 Dec 2016 10:09

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Tot Ion:202	Resp:	555
Ion Ratio	Lower	Upper
202 100		
101 17.2	0.0	30.3
203 30.1	0.0	39.5

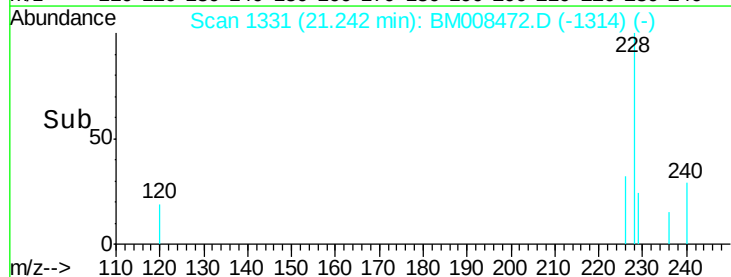
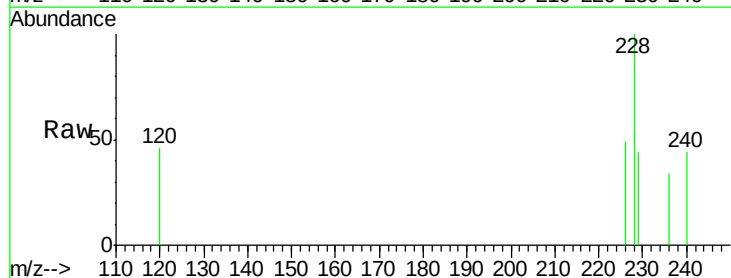
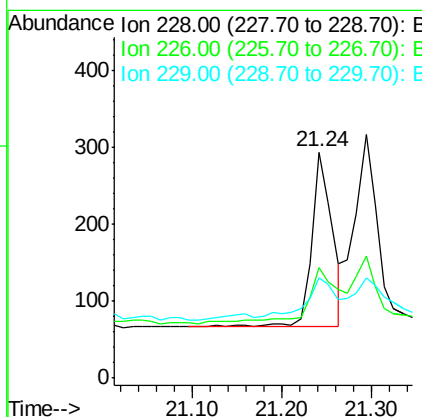
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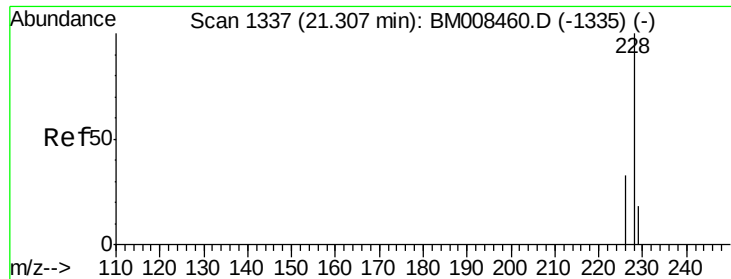
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#18
 Benzo(a)anthracene
 Concen: 0.07 ng/ul
 RT: 21.24 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BM008472.D
 Acq: 20 Dec 2016 10:09

Tgt Ion:228	Resp:	368
Ion Ratio	Lower	Upper
228 100		
226 48.6	22.8	34.2#
229 44.2	17.0	25.6#





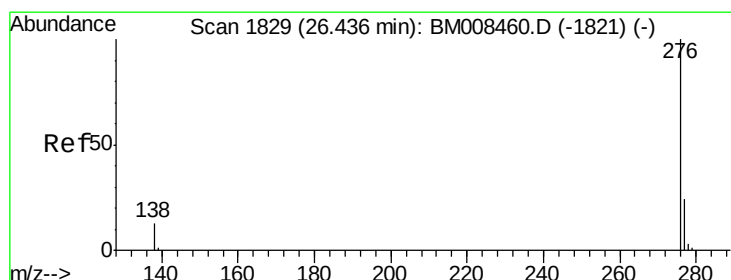
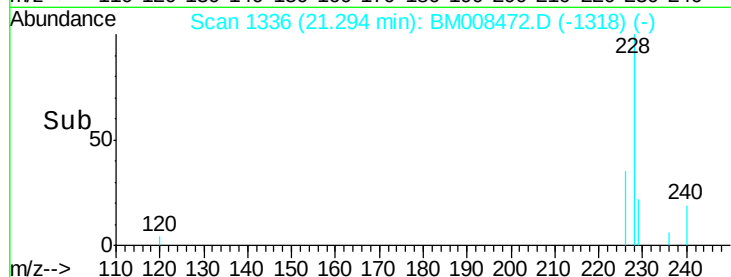
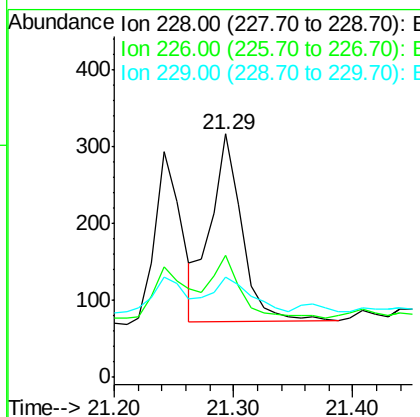
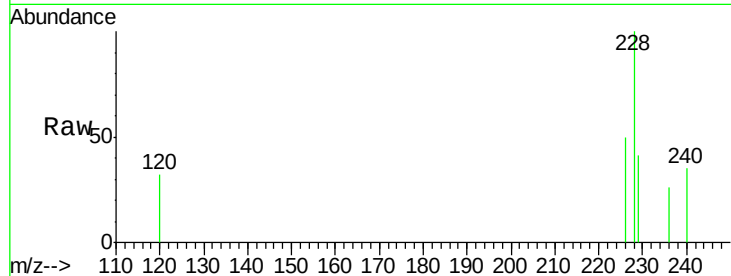
#19
Chrysene
Concen: 0.08 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM008472.D
Acq: 20 Dec 2016 10:09

Instrument :
BNA_M
ClientSampleId :
DA857

Tot Ion	Ratio	Lower	Upper
228	100		
226	49.8	23.4	35.0#
229	41.0	17.7	26.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.33 ng/ul m
RT: 26.40 min Scan# 1826
Delta R.T. -0.03 min
Lab File: BM008472.D
Acq: 20 Dec 2016 10:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	34.9	21.8	32.8#
138	25.9	20.5	30.7

