

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008533.D
 Acq On : 22 Dec 2016 00:49
 Operator : UM/SJ
 Sample : H6040-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X1

Manual Integrations
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 12/22/2016 12:36:23 PM

Quant Time: Dec 22 02:22:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	377	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.44	136	1262	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	794	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1496m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1446	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1266m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	661	0.34	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1653m	0.40	ng/ul	-0.04
Target Compounds						
3) Naphthalene	10.49	128	921	0.26	ng/ul#	84
5) 2-Methylnaphthalene	12.11	142	1100	0.46	ng/ul	100
8) Acenaphthene	14.35	153	89	0.03	ng/ul#	78
9) Fluorene	15.34	166	223	0.07	ng/ul#	65
12) Phenanthrene	17.07	178	2877m	0.63	ng/ul	
15) Fluoranthene	19.12	202	1529	0.27	ng/ul	87
17) Pyrene	19.47	202	1723	0.31	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	607	0.13	ng/ul#	58
19) Chrysene	21.29	228	856	0.16	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.72	276	335m	0.06	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	442m	0.09	ng/ul	

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

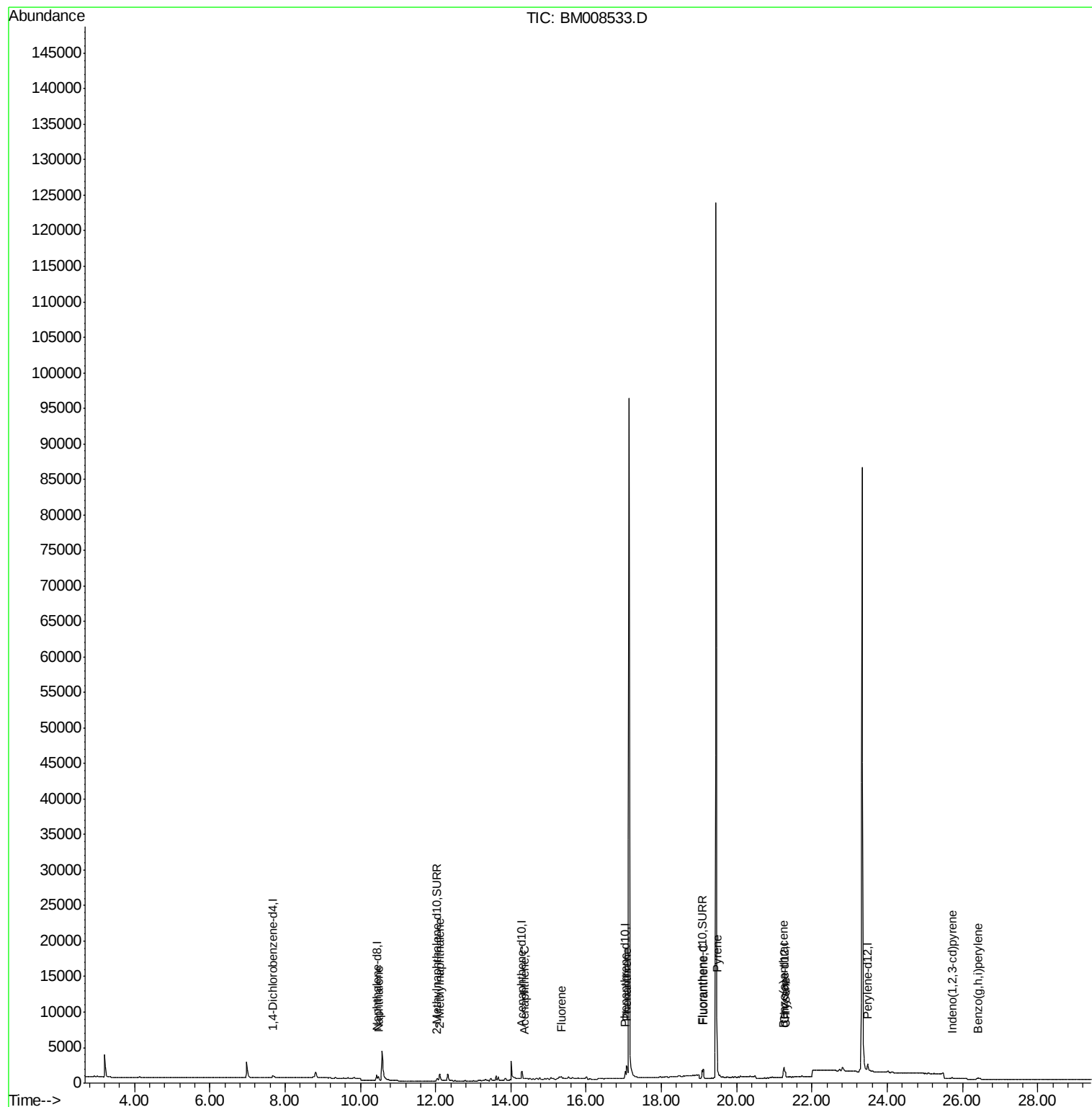
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008533.D
Acq On : 22 Dec 2016 00:49
Operator : UM/SJ
Sample : H6040-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

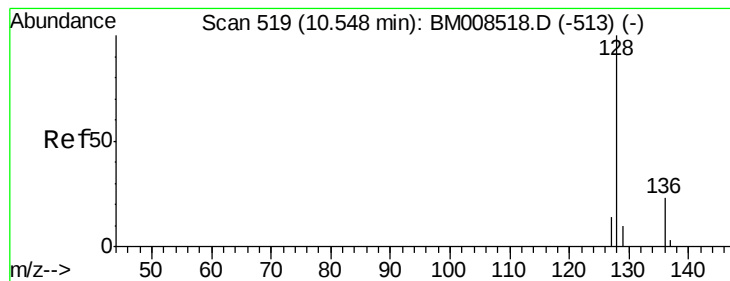
Instrument :
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ClientSampleId :
DA8X1

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QLast Update : Thu Dec 22 00:24:45 2016
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#3

Naphthalene

Concen: 0.26 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.06 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

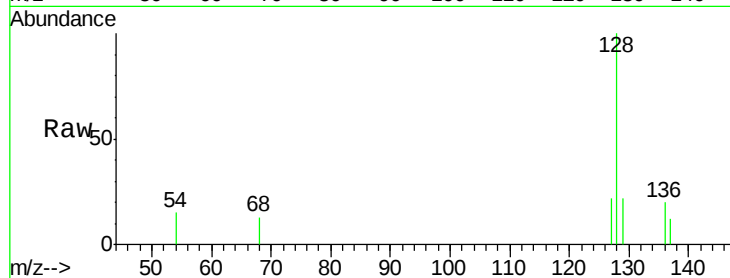
ClientSampleId :

DA8X1

Tgt Ion:	128	Resp:	921
Ion Ratio	Lower	Upper	
128	100		
129	21.6	11.3	16.9#
127	21.6	12.8	19.2#

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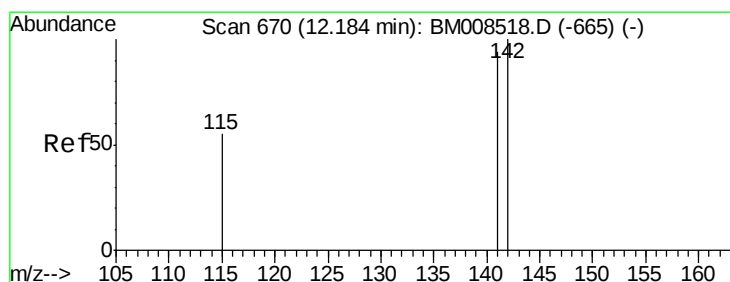
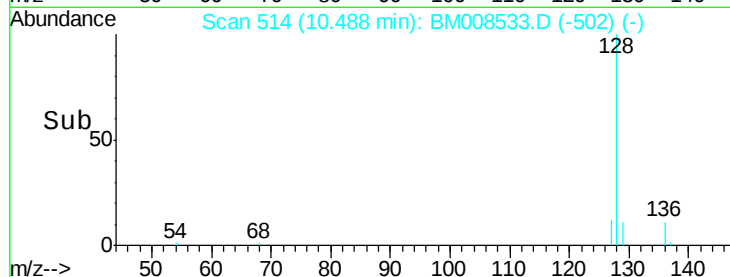
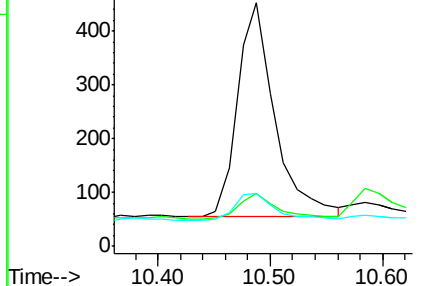
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.46 ng/ul

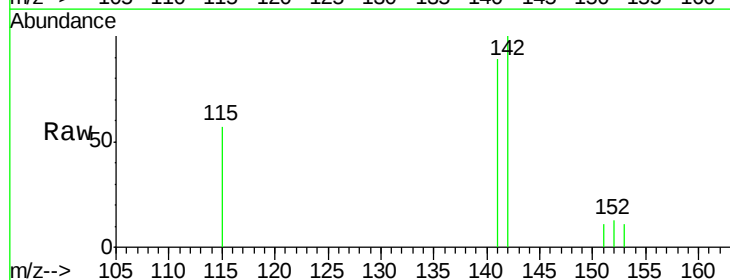
RT: 12.11 min Scan# 663

Delta R.T. -0.07 min

Lab File: BM008533.D

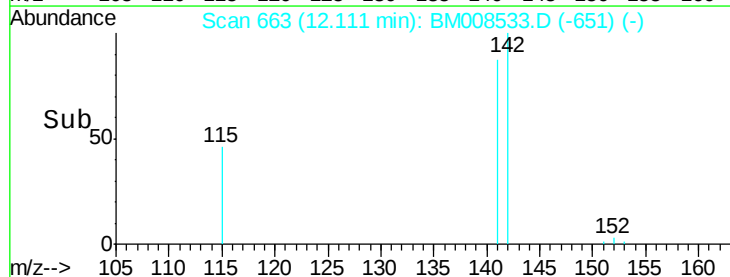
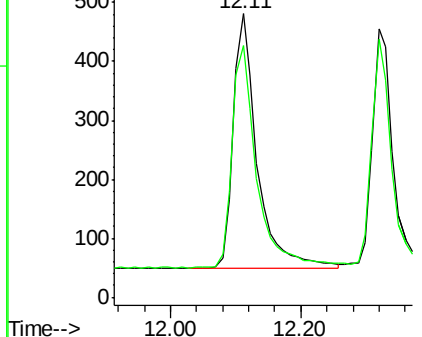
Acq: 22 Dec 2016 00:49

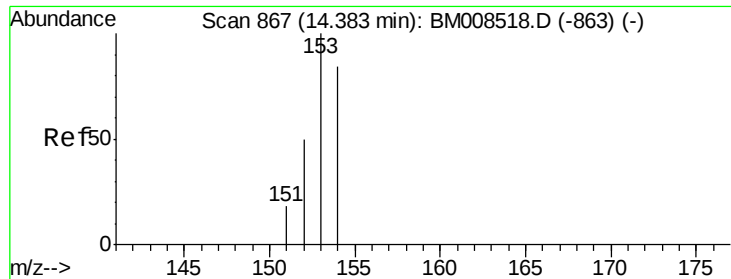
Tgt Ion:	142	Resp:	1100
Ion Ratio	Lower	Upper	
142	100		
141	90.5	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

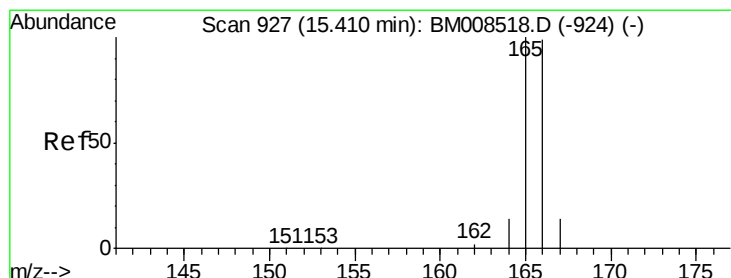
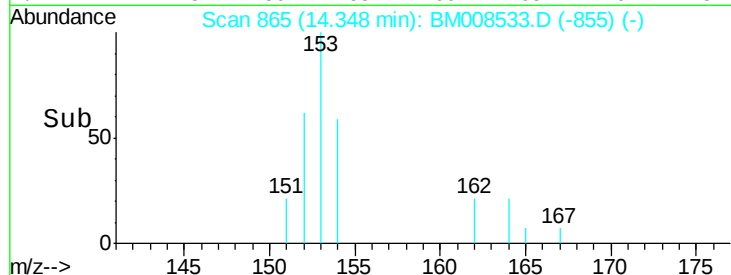
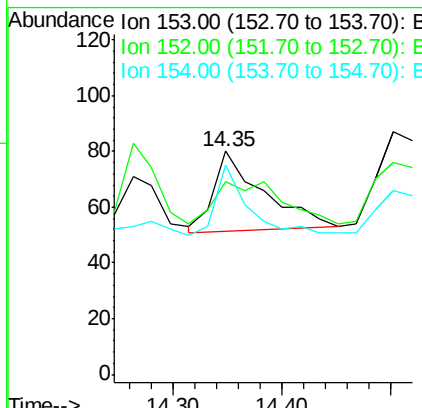
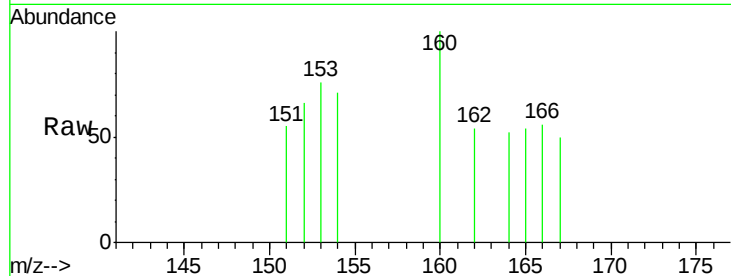
ClientSampleId :

DA8X1

Tgt Ion:	153	Resp:	89
Ion Ratio	Lower	Upper	
153	100		
152	86.3	40.3	60.5#
154	93.8	71.4	107.2

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#9

Fluorene

Concen: 0.07 ng/ul

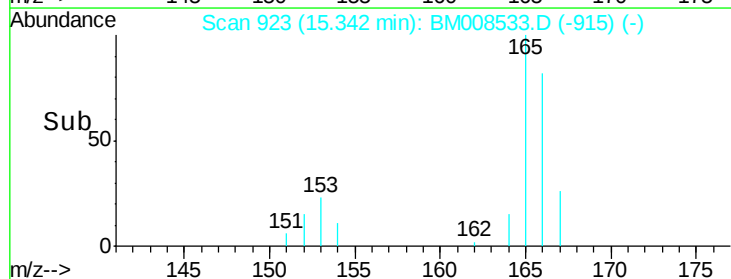
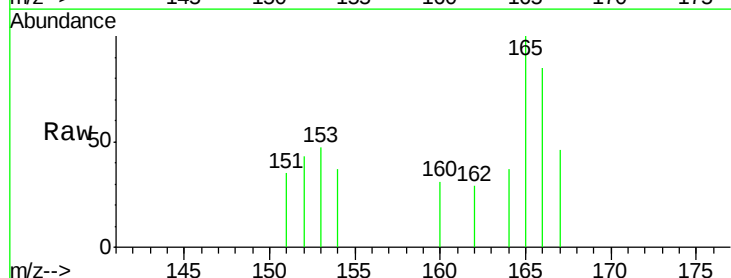
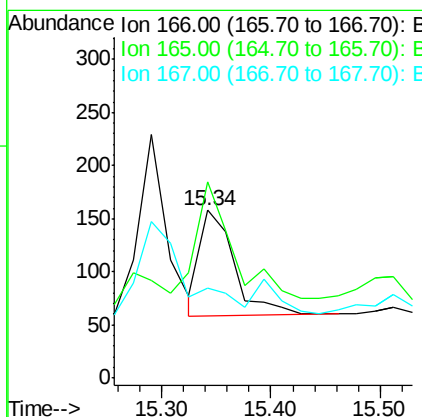
RT: 15.34 min Scan# 923

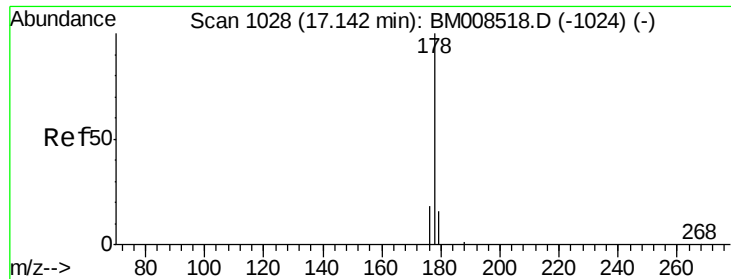
Delta R.T. -0.07 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Tgt Ion:	166	Resp:	223
Ion Ratio	Lower	Upper	
166	100		
165	117.1	73.4	110.2#
167	53.8	14.6	22.0#





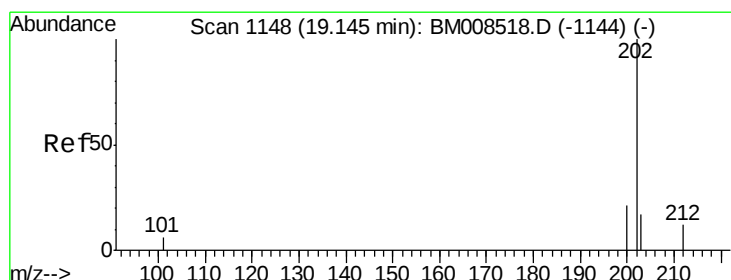
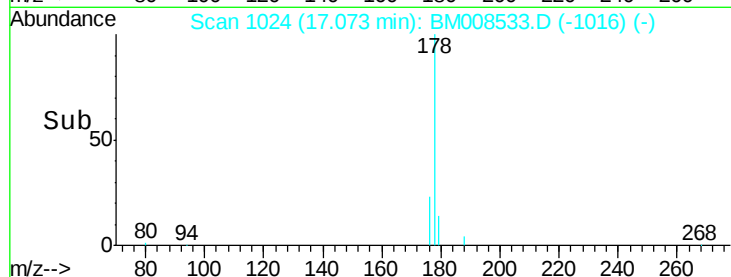
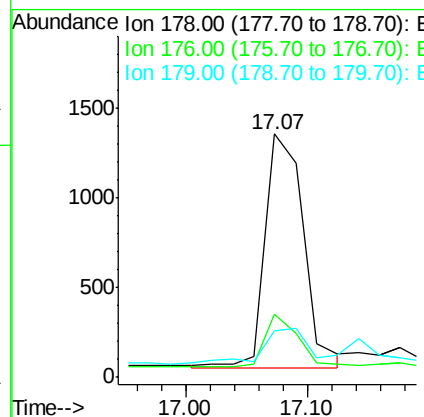
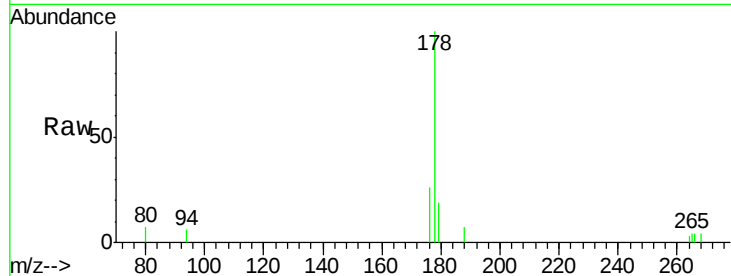
#12
Phenanthrene
Concen: 0.63 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BM008533.D
Acq: 22 Dec 2016 00:49

Instrument :
BNA_M
ClientSampleId :
DA8X1

Tgt Ion:178 Resp: 2877
Ion Ratio Lower Upper
178 100
176 26.0 18.4 27.6
179 18.9 13.6 20.4

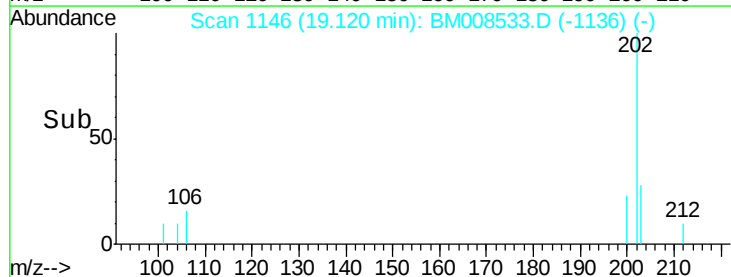
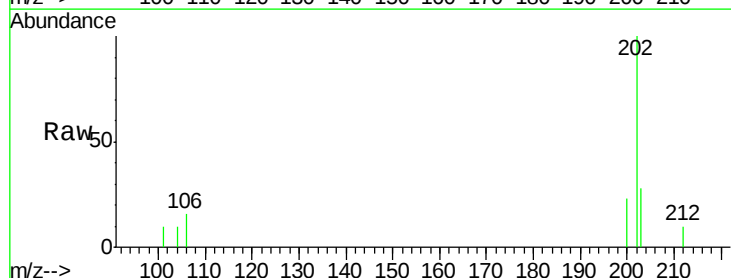
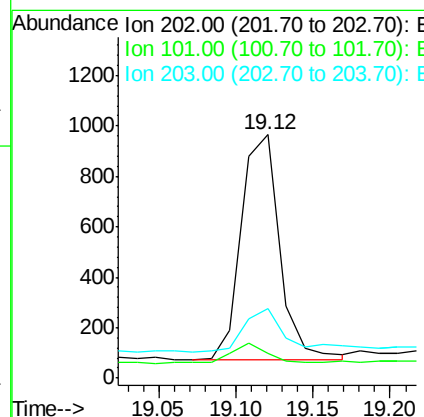
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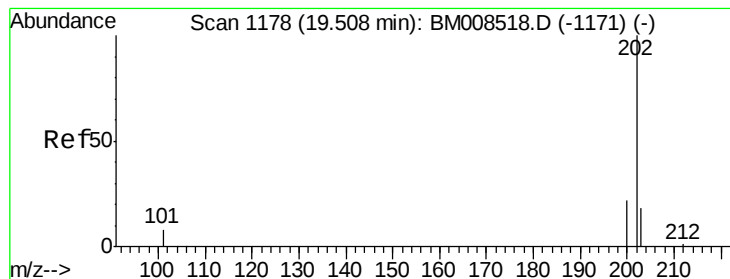
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#15
Fluoranthene
Concen: 0.27 ng/ul
RT: 19.12 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM008533.D
Acq: 22 Dec 2016 00:49

Tgt Ion:202 Resp: 1529
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.3
203 28.5 0.0 39.5





#17

Pyrene

Concen: 0.31 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

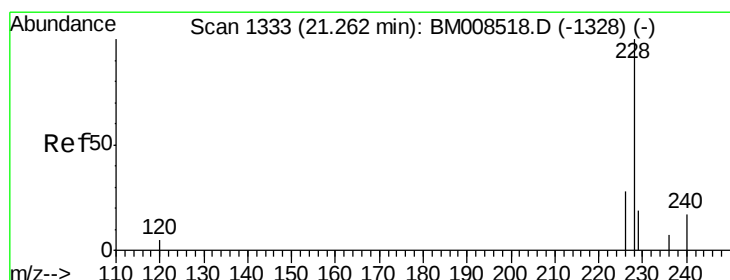
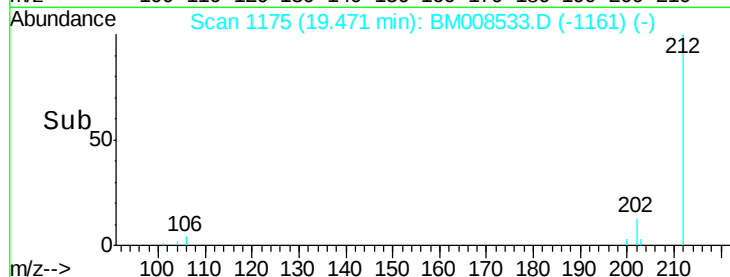
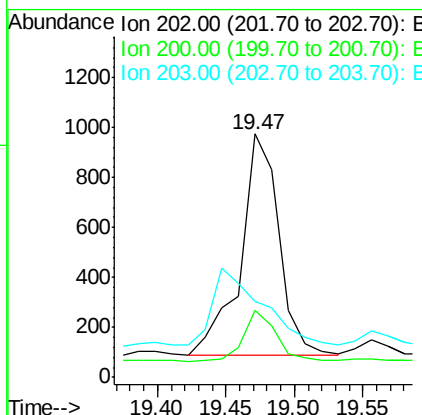
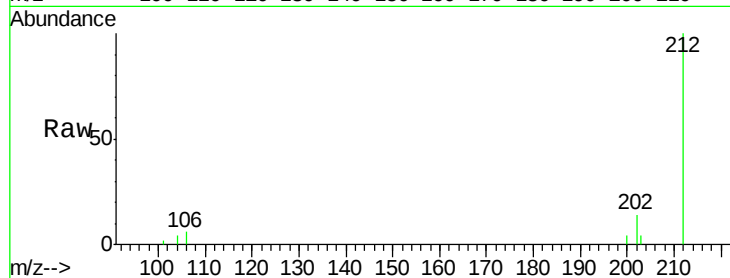
ClientSampleId :

DA8X1

Tgt Ion:	202	Resp:	1723
Ion Ratio	Lower	Upper	
202	100		
200	27.7	18.2	27.4#
203	31.2	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.13 ng/ul

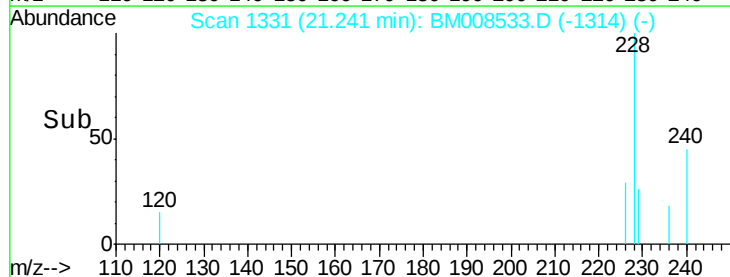
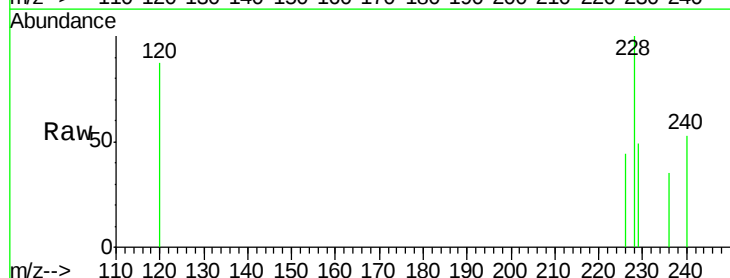
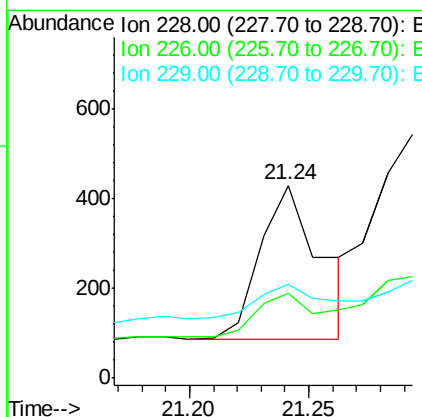
RT: 21.24 min Scan# 1331

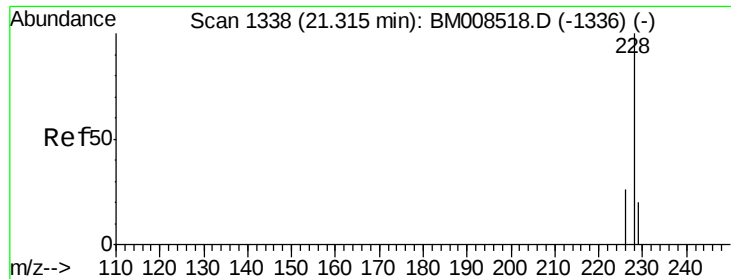
Delta R.T. -0.02 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Tgt Ion:	228	Resp:	607
Ion Ratio	Lower	Upper	
228	100		
226	44.1	22.8	34.2#
229	48.7	17.0	25.6#





#19

Chrysene

Concen: 0.16 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

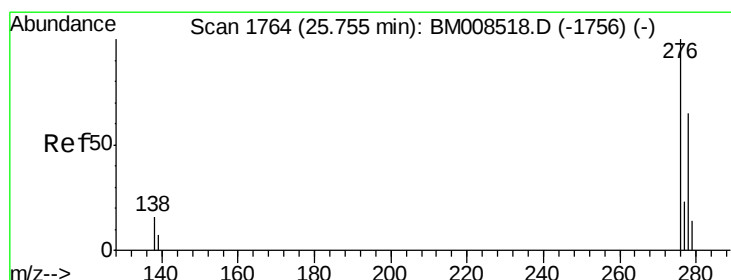
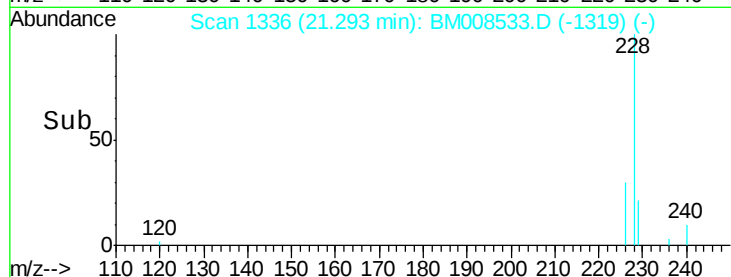
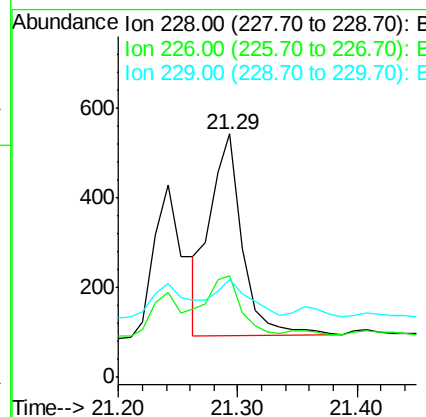
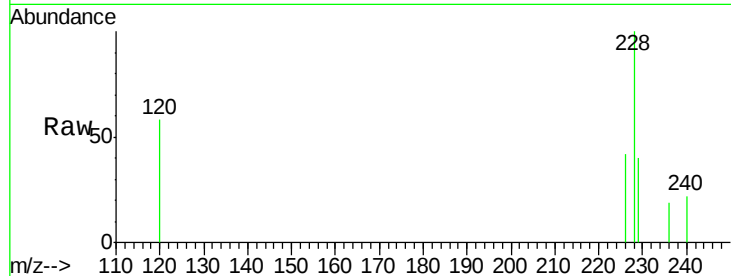
ClientSampleId :

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Tgt Ion:	228	Resp:	856
Ion Ratio	Lower	Upper	
228	100		
226	41.5	23.4	35.0#
229	40.4	17.7	26.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng/ul m

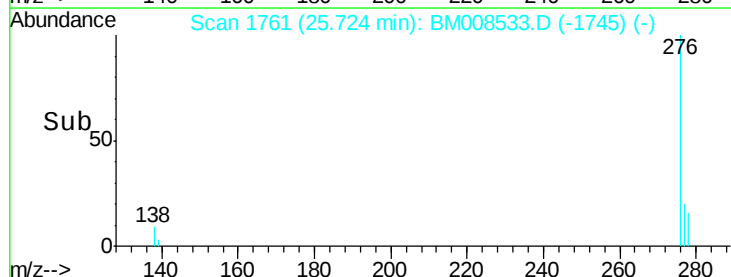
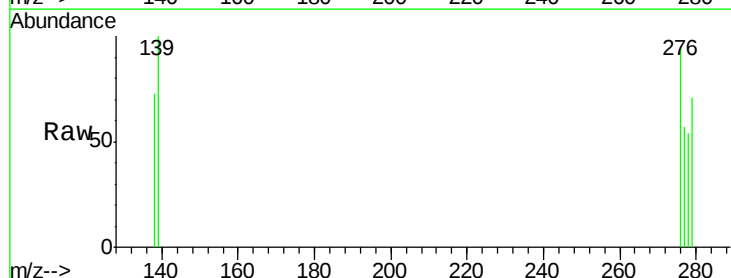
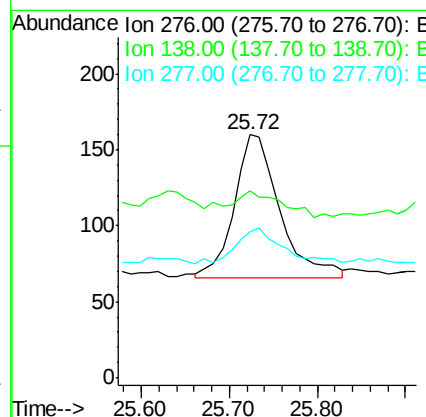
RT: 25.72 min Scan# 1761

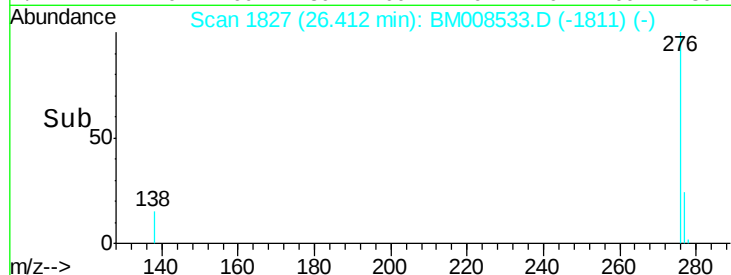
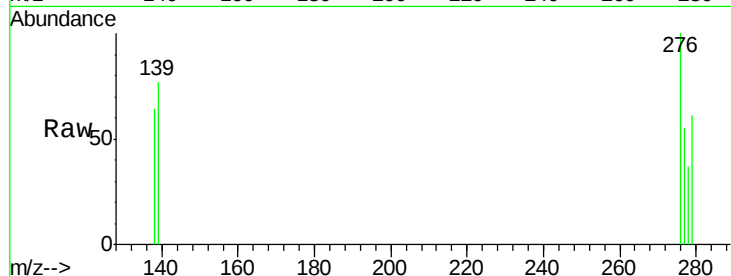
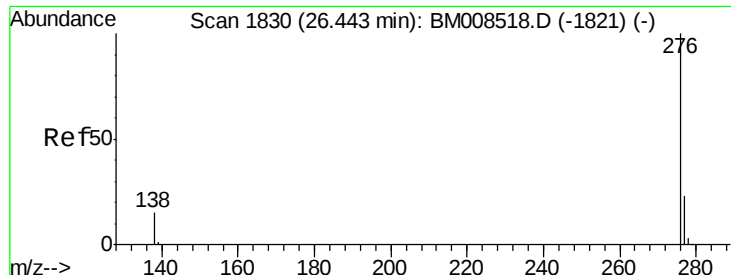
Delta R.T. -0.03 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Tgt Ion:	276	Resp:	335
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul m
RT: 26.41 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BM008533.D
Acq: 22 Dec 2016 00:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	55.4	21.8	32.8#
138	64.0	20.5	30.7#

Instrument :
BNA_M
ClientSampleId :
DA8X1

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