

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008215.D
 Acq On : 09 Dec 2016 21:04
 Operator : UM/SJ
 Sample : H5863-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y9

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Quant Time: Dec 12 00:04:04 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 04:37:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	563	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1830	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.31	164	1239	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2113m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1907	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1700	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	751	0.29	ng/ul	-0.05
14) Fluoranthene-d10	19.11	212	1289m	0.22	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.51	128	10296	2.01	ng/ul	95
5) 2-Methylnaphthalene	12.12	142	17689	5.36	ng/ul	99
8) Acenaphthene	14.38	153	941	0.22	ng/ul#	91
9) Fluorene	15.38	166	2138	0.44	ng/ul#	54
12) Phenanthrene	17.11	178	7989	1.21	ng/ul	98
13) Anthracene	17.21	178	1514m	0.25	ng/ul	
15) Fluoranthene	19.14	202	4757m	0.56	ng/ul	
17) Pyrene	19.50	202	5337	0.81	ng/ul	93
18) Benzo(a)anthracene	21.26	228	2087	0.36	ng/ul#	65
19) Chrysene	21.31	228	2202	0.30	ng/ul#	71
23) Benzo(a)pyrene	23.40	252	1497	0.24	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.75	276	1834	0.23	ng/ul#	92
26) Benzo(g,h,i)perylene	26.44	276	2015	0.29	ng/ul#	87

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

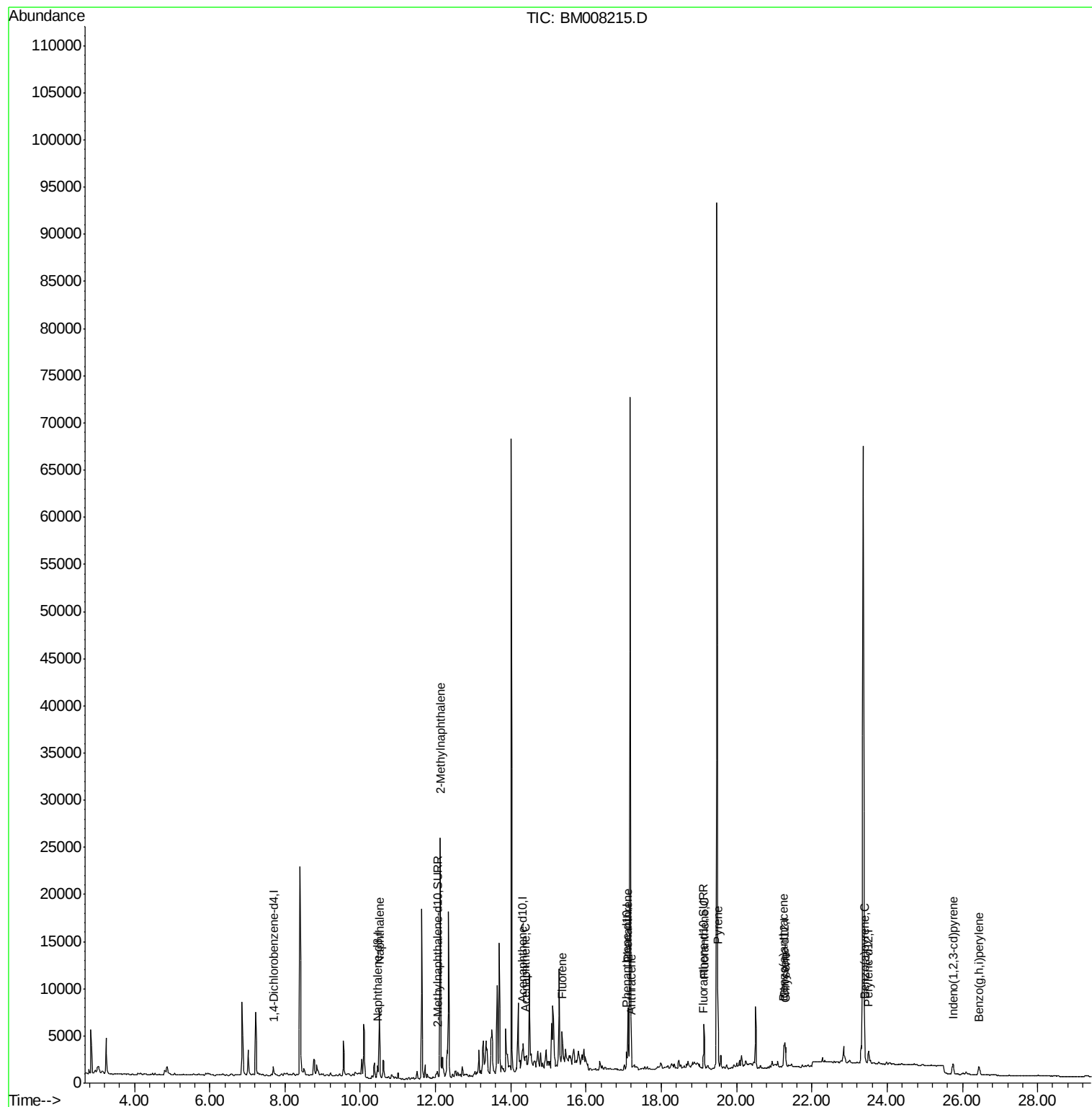
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008215.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

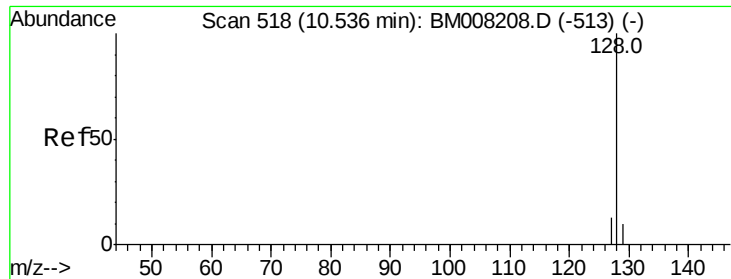
Instrument :
BNA_M
ClientSampleId :
DA7Y9

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Quant Time: Dec 12 00:04:04 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 04:37:00 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.01 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.02 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Instrument :

BNA_M

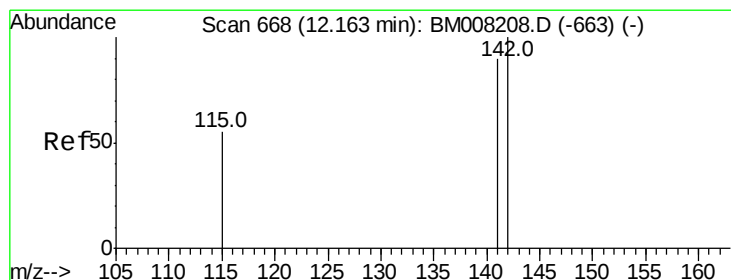
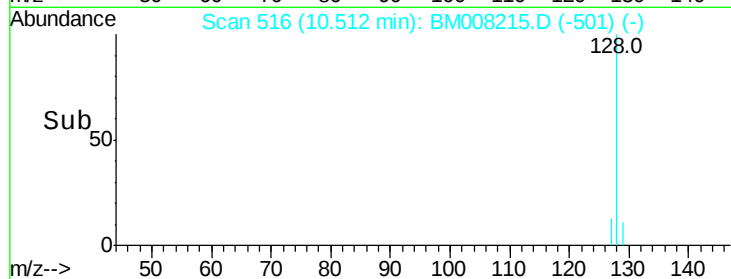
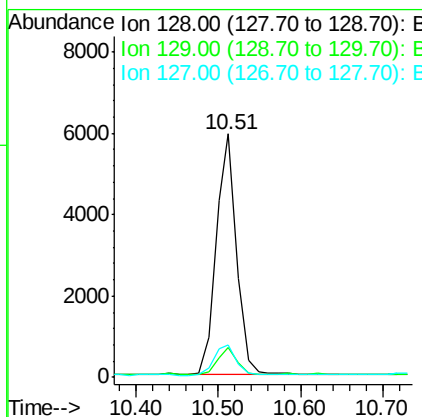
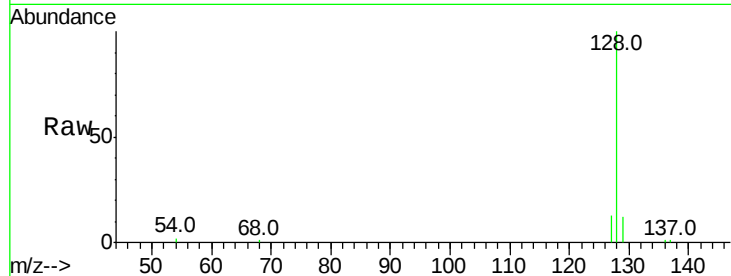
ClientSampleId :

DA7Y9

Tot Ion:	128	Resp:	10296
Ion Ratio	Lower	Upper	
128	100		
129	12.3	11.3	16.9
127	13.3	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 5.36 ng/ul

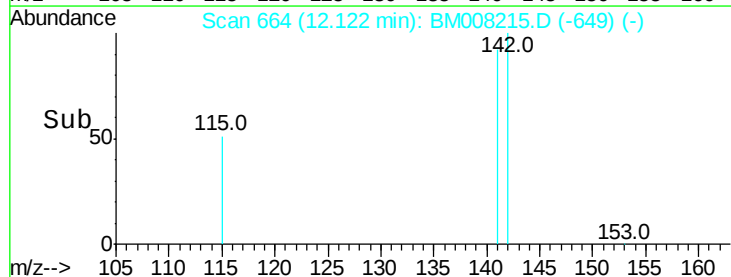
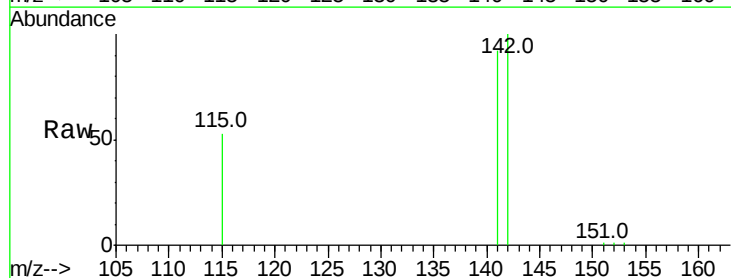
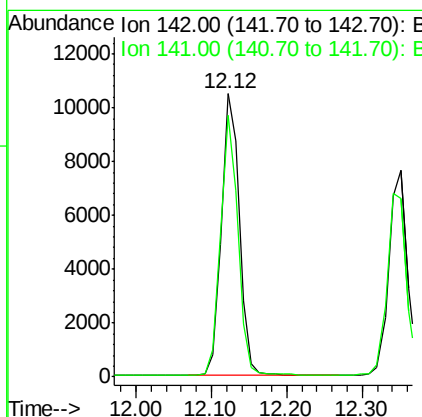
RT: 12.12 min Scan# 664

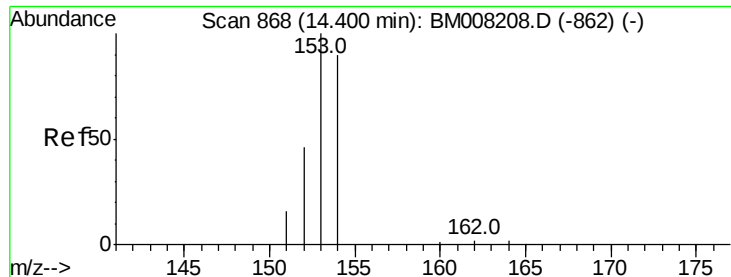
Delta R.T. -0.04 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Tgt Ion:	142	Resp:	17689
Ion Ratio	Lower	Upper	
142	100		
141	89.3	72.6	108.8





#8

Acenaphthene

Concen: 0.22 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.02 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Instrument :

BNA_M

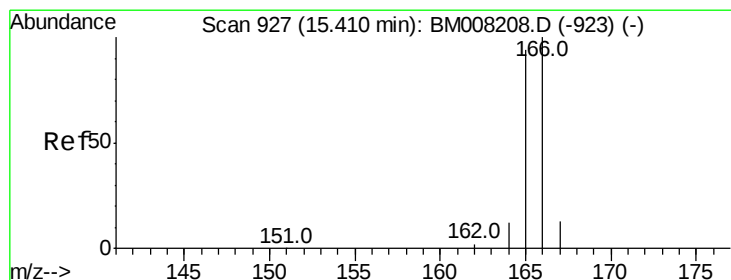
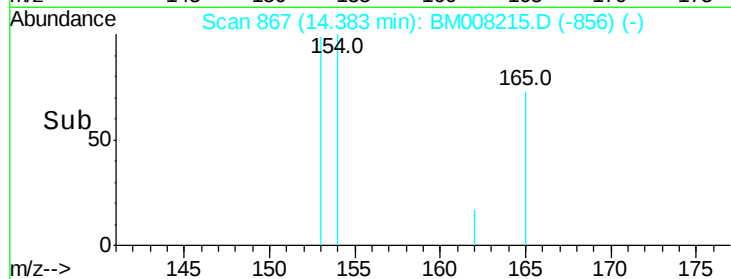
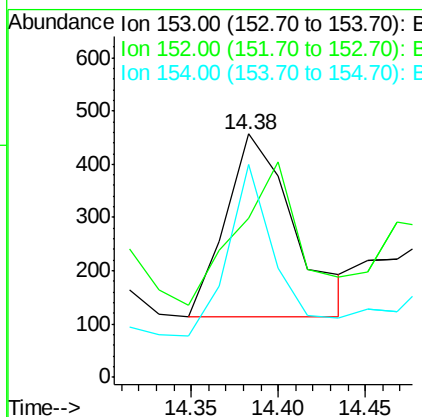
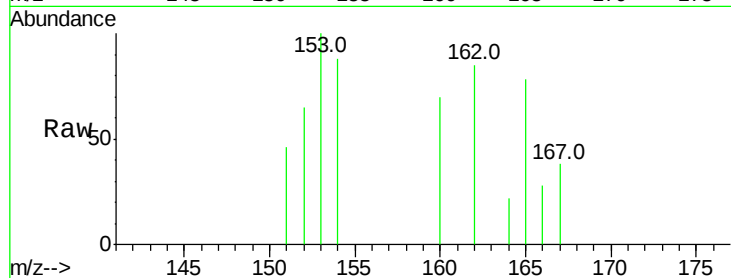
ClientSampleId :

DA7Y9

Tot Ion:	153	Resp:	941
Ion	Ratio	Lower	Upper
153	100		
152	65.4	40.3	60.5#
154	87.5	71.4	107.2

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#9

Fluorene

Concen: 0.44 ng/ul

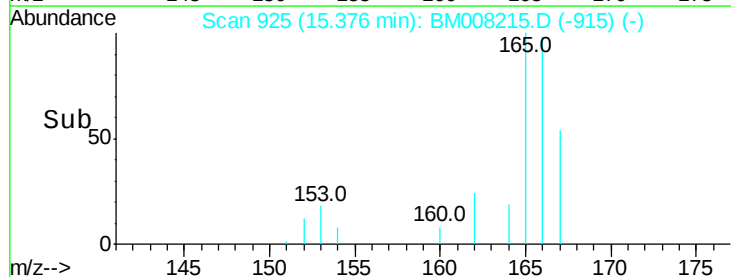
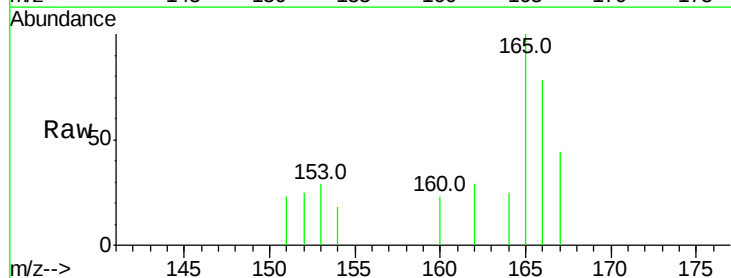
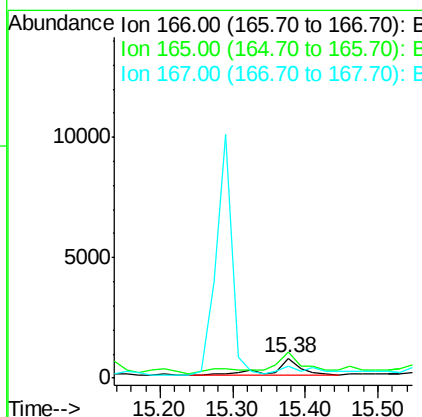
RT: 15.38 min Scan# 925

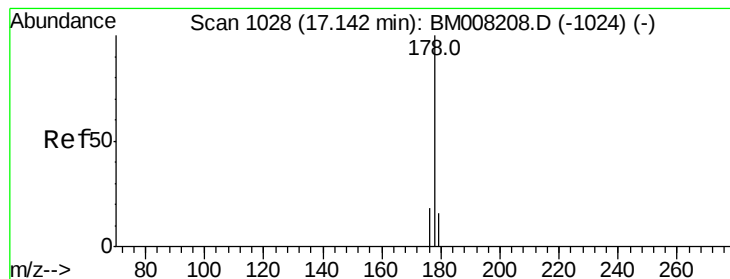
Delta R.T. -0.03 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Tgt Ion:	166	Resp:	2138
Ion	Ratio	Lower	Upper
166	100		
165	127.5	73.4	110.2#
167	56.4	14.6	22.0#





#12

Phenanthrene

Concen: 1.21 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Instrument :

BNA_M

ClientSampleId :

DA7Y9

Tot Ion:178 Resp: 7989

Ion Ratio Lower Upper

178 100

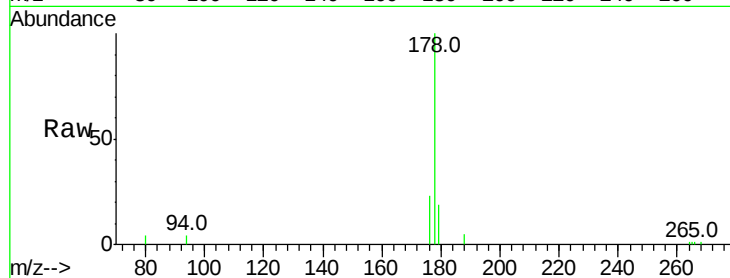
176 23.4 18.4 27.6

179 18.6 13.6 20.4

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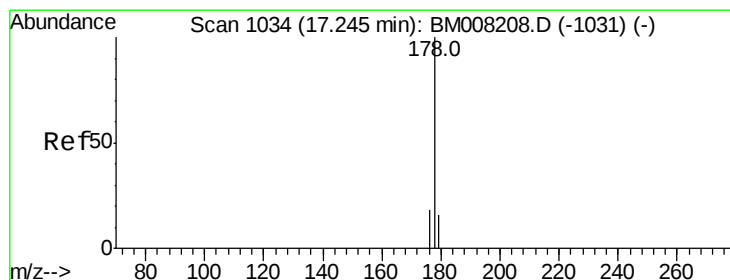
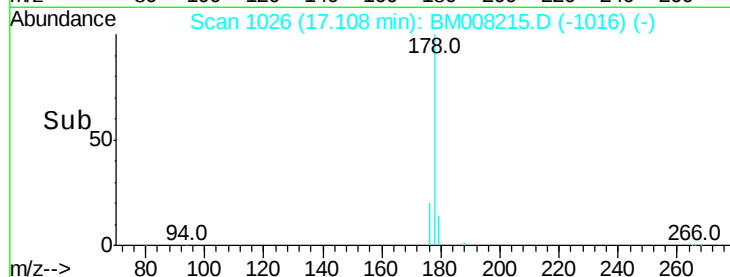
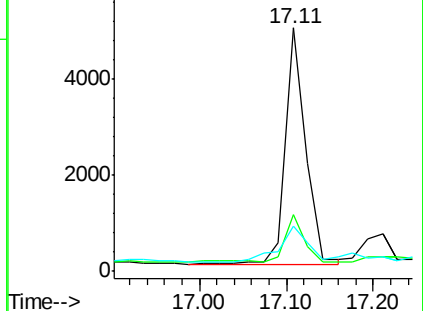
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.25 ng/ul m

RT: 17.21 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Tgt Ion:178 Resp: 1514

Ion Ratio Lower Upper

178 100

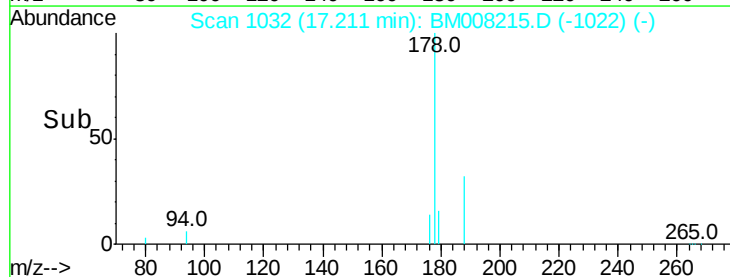
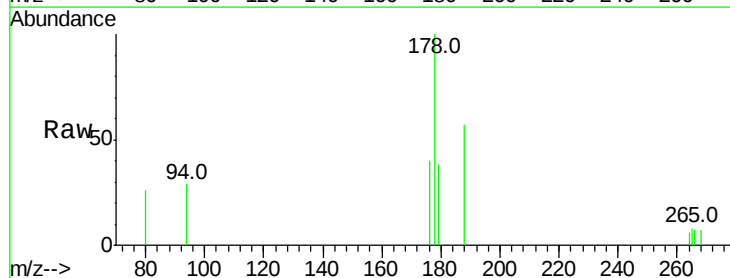
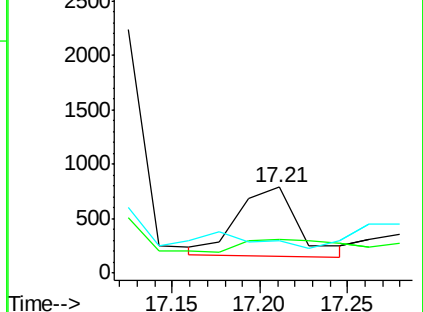
176 39.9 18.1 27.1#

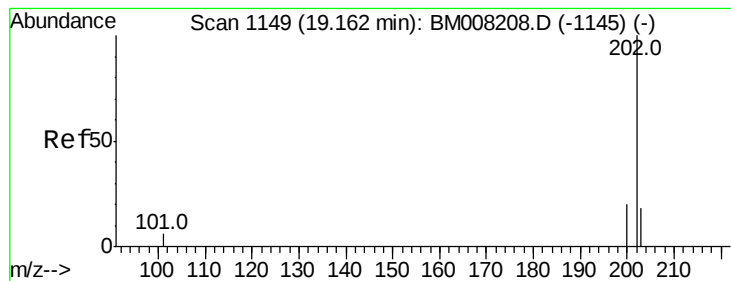
179 37.7 14.7 22.1#

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





#15

Fluoranthene

Concen: 0.56 ng/ul m

RT: 19.14 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Instrument :

BNA_M

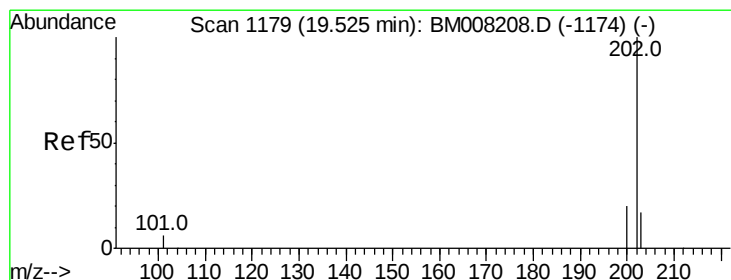
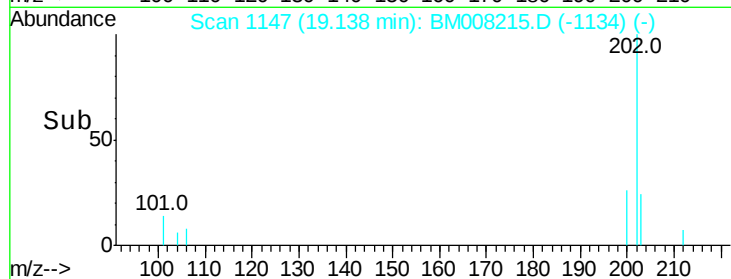
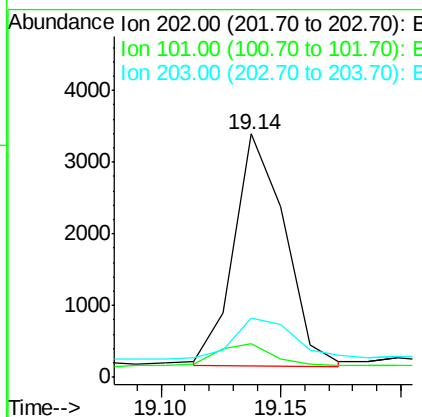
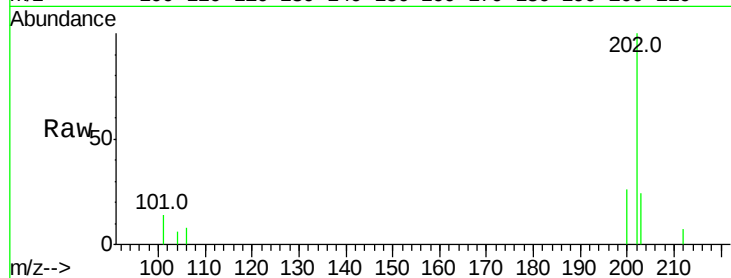
ClientSampleId :

DA7Y9

Tot Ion:	202	Resp:	4757
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	30.3
203	24.4	0.0	39.5

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#17

Pyrene

Concen: 0.81 ng/ul

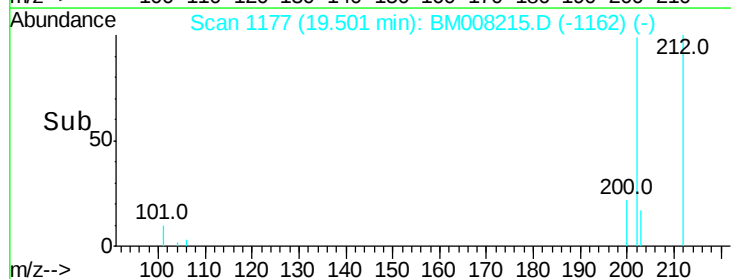
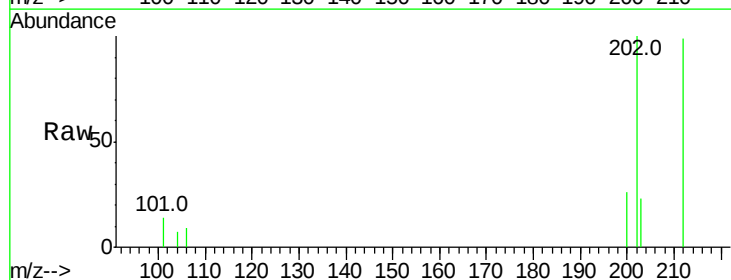
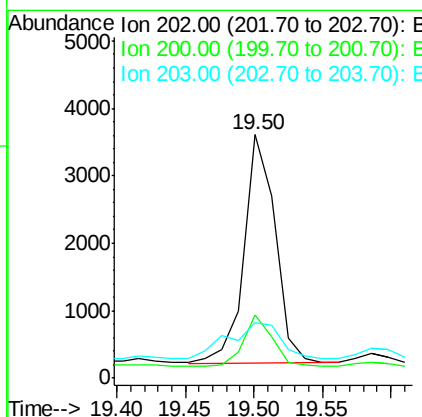
RT: 19.50 min Scan# 1177

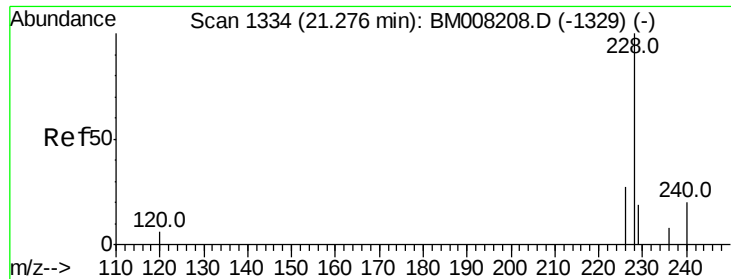
Delta R.T. -0.02 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Tgt Ion:	202	Resp:	5337
Ion Ratio	Lower	Upper	
202	100		
200	26.0	18.2	27.4
203	23.0	15.6	23.4





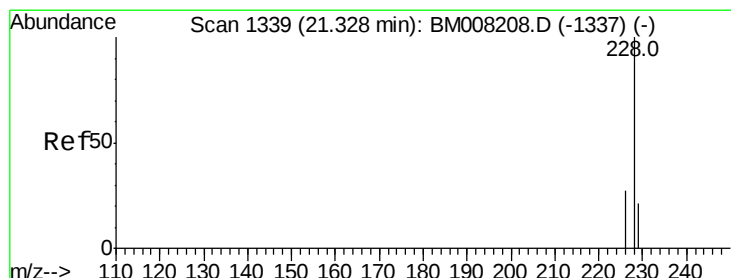
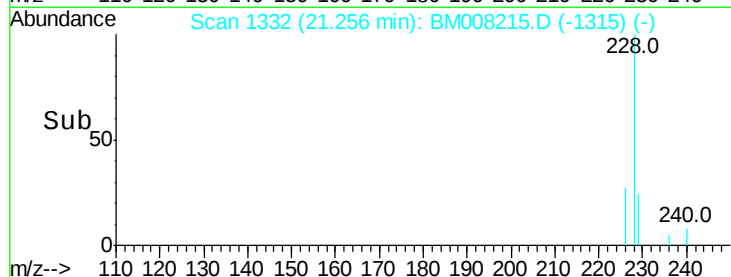
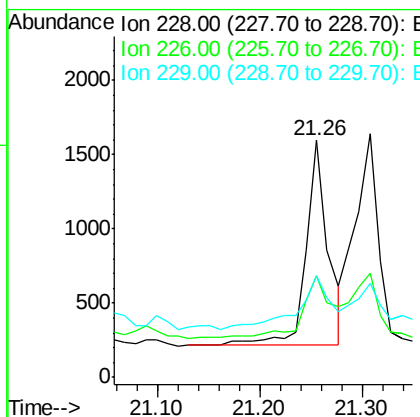
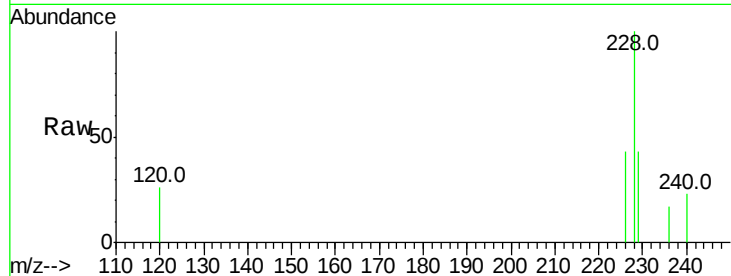
#18
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008215.D
Acq: 09 Dec 2016 21:04

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BNA_M
ClientSampleId :
DA7Y9

Tot Ion	Ratio	Lower	Upper
228	100		
226	42.8	22.8	34.2#
229	42.8	17.0	25.6#

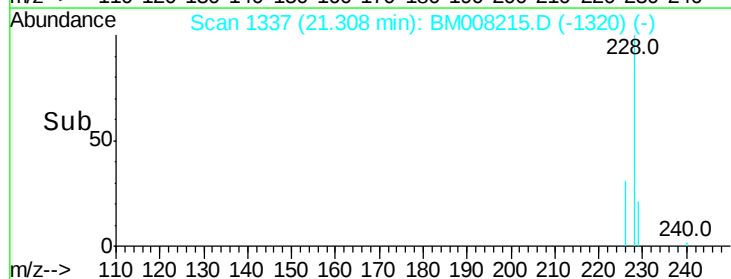
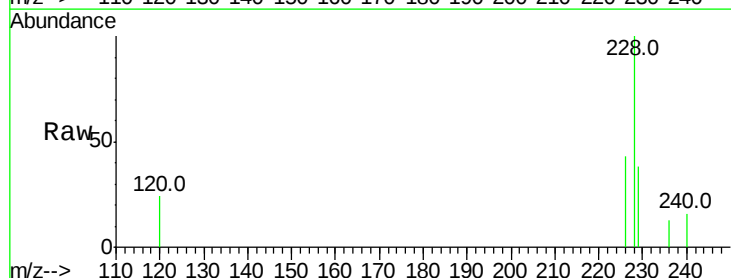
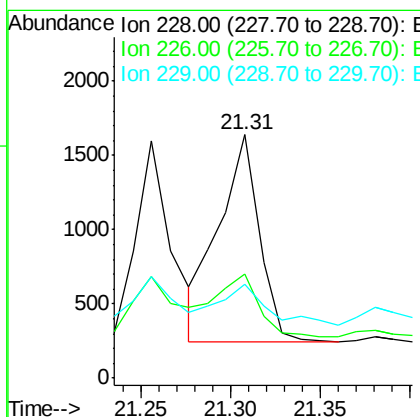
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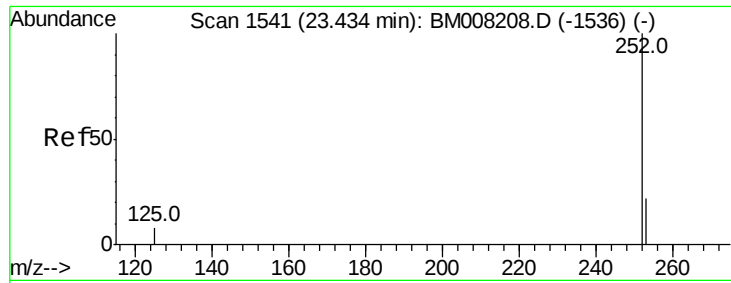
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#19
Chrysene
Concen: 0.30 ng/ul
RT: 21.31 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM008215.D
Acq: 09 Dec 2016 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.7	23.4	35.0#
229	38.5	17.7	26.5#





#23

Benzo(a)pyrene

Concen: 0.24 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. -0.03 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Instrument :

BNA_M

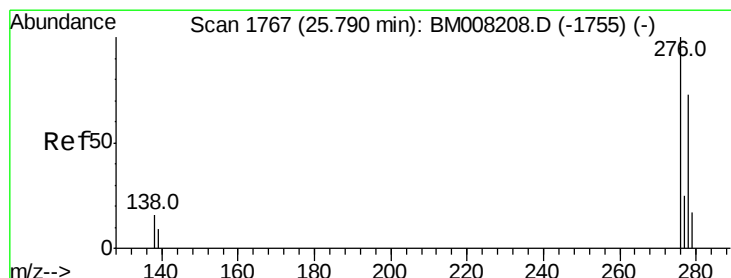
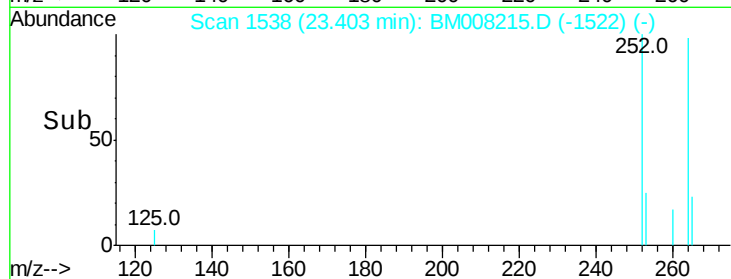
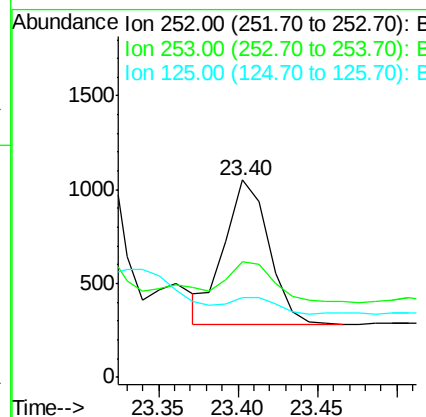
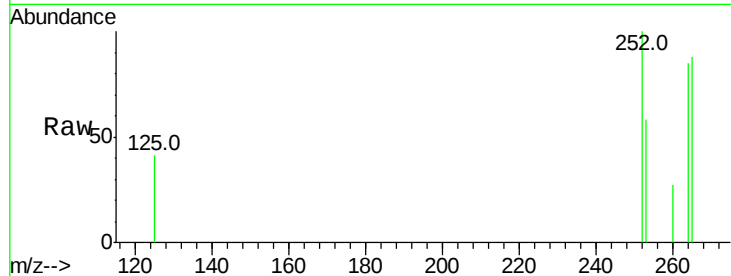
ClientSampleId :

DA7Y9

Tot Ion	Ratio	Lower	Upper
252	100		
253	58.5	28.5	42.7#
125	40.8	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.23 ng/ul

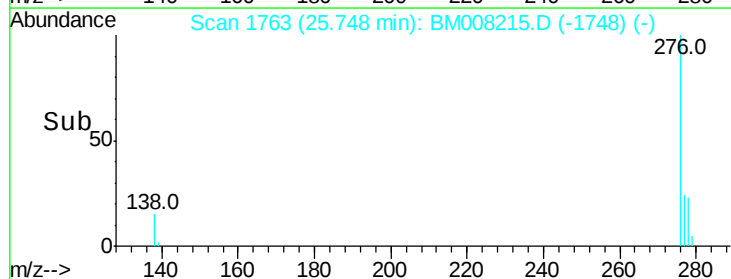
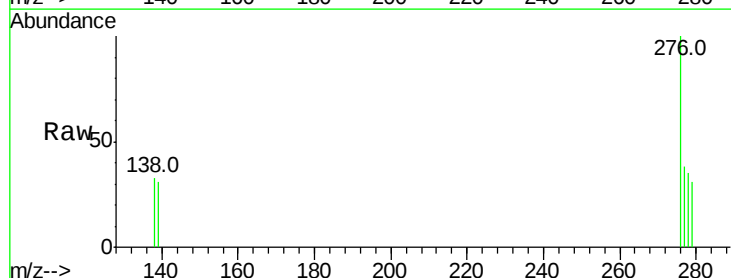
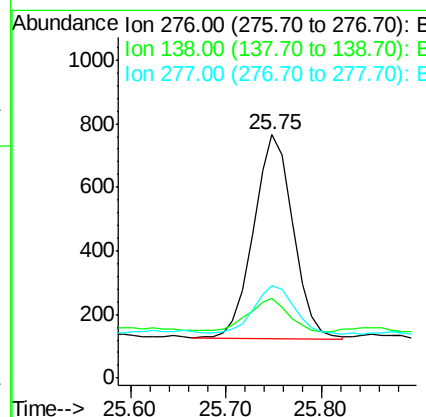
RT: 25.75 min Scan# 1763

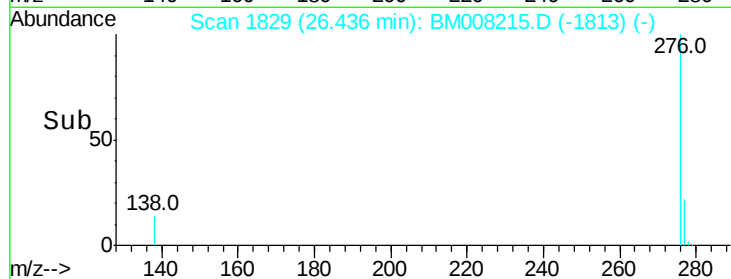
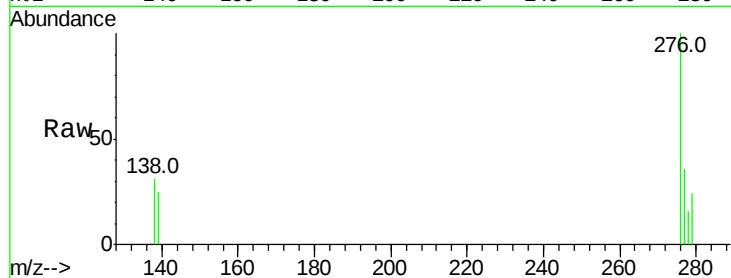
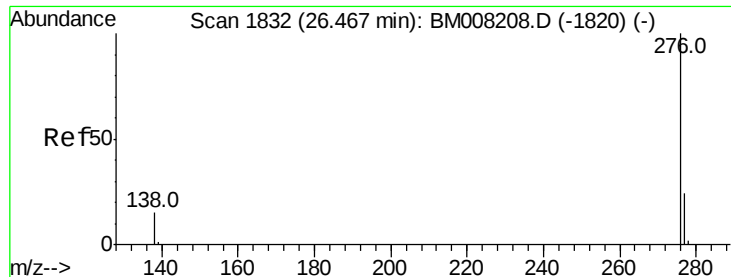
Delta R.T. -0.04 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	19.1	28.7#
277	25.0	19.6	29.4





#26

Benzo(a,h,i)perylene

Concen: 0.29 ng/ul

RT: 26.44 min Scan# 1829

Delta R.T. -0.03 min

Lab File: BM008215.D

Acq: 09 Dec 2016 21:04

Tot Ion:	276	Resp:	2015
Ion Ratio	Lower	Upper	
276	100		
277	36.0	21.8	32.8#
138	30.6	20.5	30.7

Instrument :

BNA_M

ClientSampleId :

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