

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008177.D
 Acq On : 03 Dec 2016 03:35
 Operator : UM/SJ
 Sample : H5730-08DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH4DL

Manual Integrations
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Quant Time: Dec 03 05:05:42 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 03 04:54:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	561	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	1851	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1062	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1859	0.40	ng/ul	-0.03
16) Chrysene-d12	21.29	240	1628	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1674	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	312	0.12	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	691	0.13	ng/ul	0.00
Target Compounds						
9) Fluorene	15.39	166	111	0.03	ng/ul#	81
12) Phenanthrene	17.12	178	2285	0.39	ng/ul	93
13) Anthracene	17.21	178	459m	0.08	ng/ul	
15) Fluoranthene	19.15	202	4243	0.57	ng/ul	96
17) Pyrene	19.51	202	5493	0.97	ng/ul	97
18) Benzo(a)anthracene	21.27	228	2104	0.42	ng/ul	95
19) Chrysene	21.32	228	2587	0.42	ng/ul	95
21) Benzo(b)fluoranthene	22.85	252	2198m	0.33	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	871m	0.13	ng/ul	
23) Benzo(a)pyrene	23.41	252	1914	0.31	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.78	276	1057	0.14	ng/ul#	90
26) Benzo(g,h,i)perylene	26.47	276	1031	0.15	ng/ul#	86

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

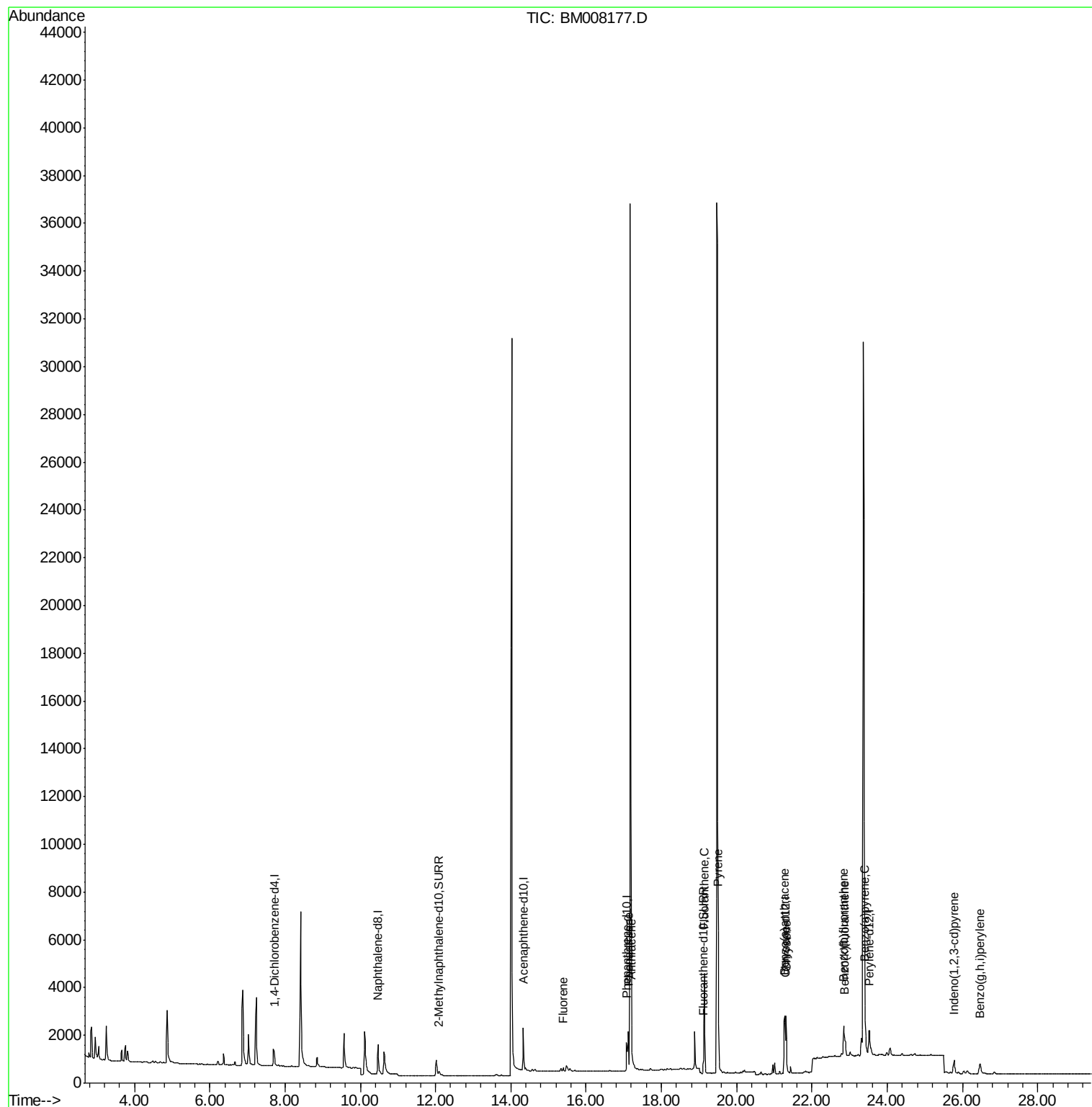
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008177.D
Acq On : 03 Dec 2016 03:35
Operator : UM/SJ
Sample : H5730-08DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

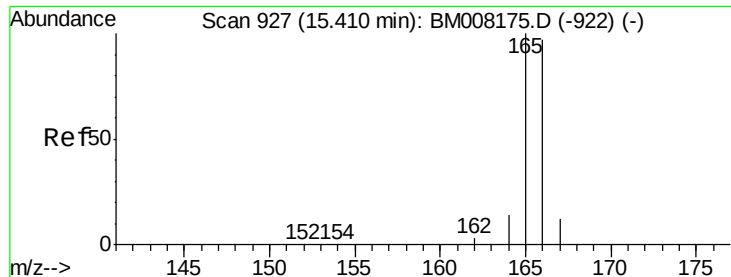
Instrument :
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A4WH4DL

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#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.02 min

Lab File: BM008177.D

Acq: 03 Dec 2016 03:35

Instrument :

BNA_M

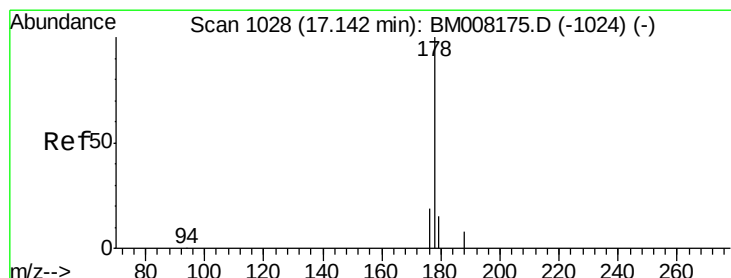
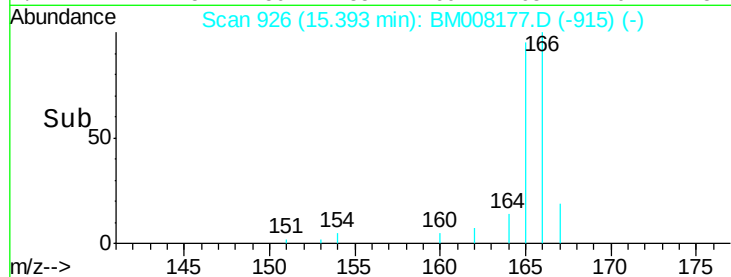
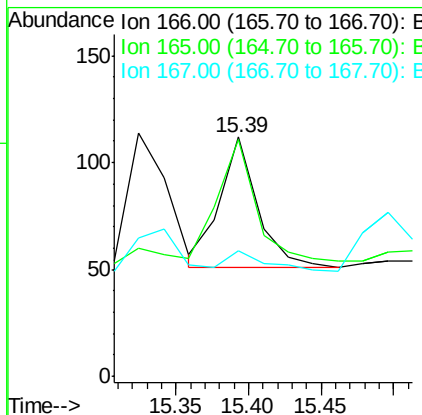
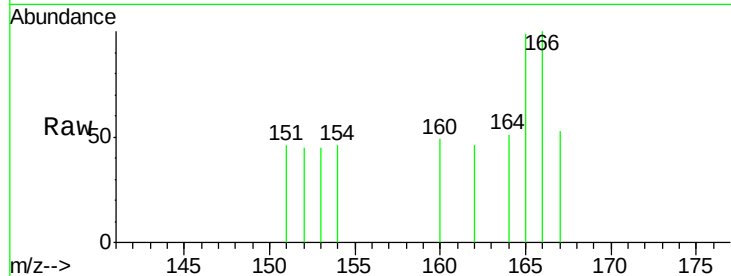
ClientSampleId :

A4WH4DL

Tgt Ion:	166	Resp:	111
Ion Ratio	Lower	Upper	
166	100		
165	99.1	73.4	110.2
167	52.7	14.6	22.0#

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#12

Phenanthrene

Concen: 0.39 ng/ul

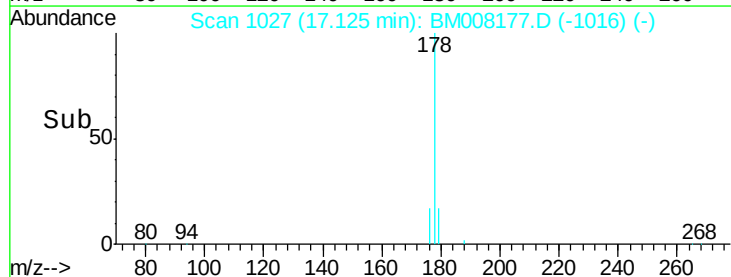
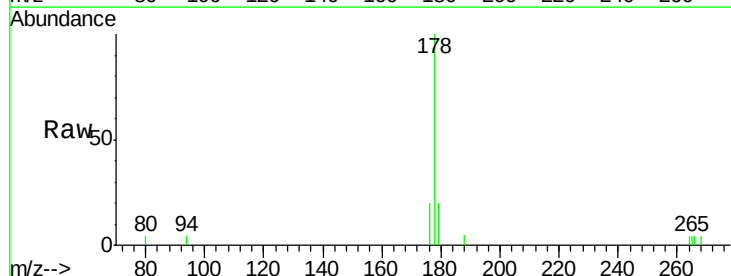
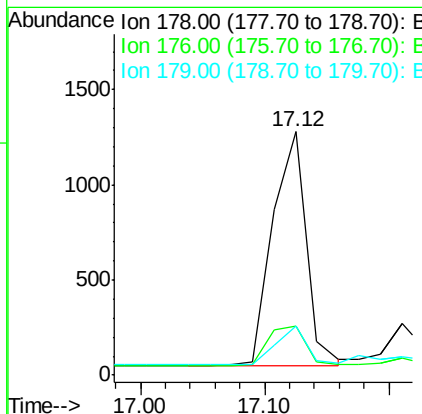
RT: 17.12 min Scan# 1027

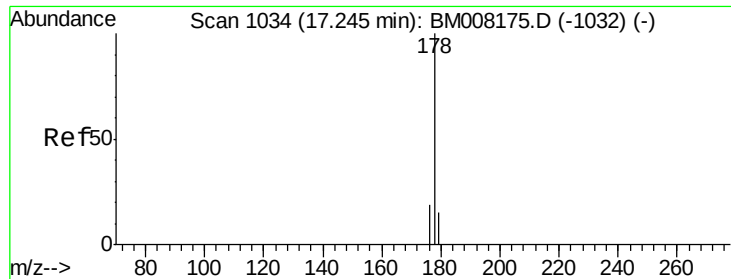
Delta R.T. -0.02 min

Lab File: BM008177.D

Acq: 03 Dec 2016 03:35

Tgt Ion:	178	Resp:	2285
Ion Ratio	Lower	Upper	
178	100		
176	20.2	18.4	27.6
179	20.3	13.6	20.4





#13

Anthracene

Concen: 0.08 ng/ul m

RT: 17.21 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BM008177.D

Acq: 03 Dec 2016 03:35

Instrument :

BNA_M

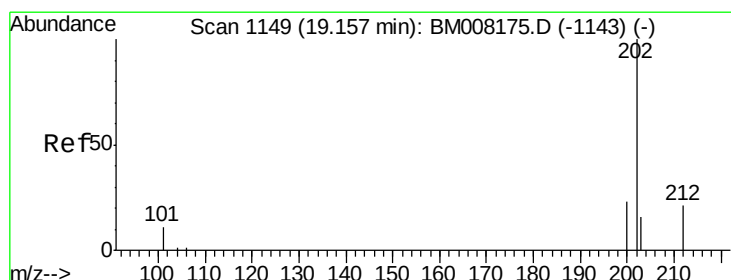
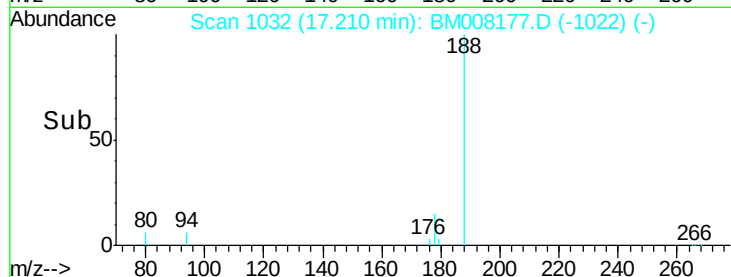
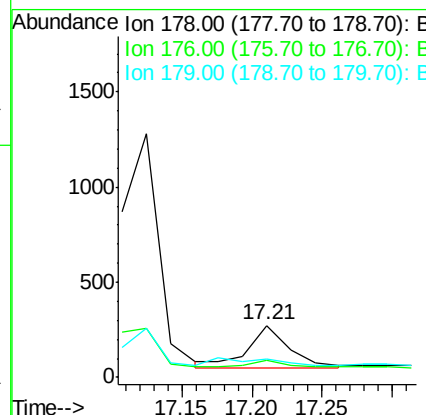
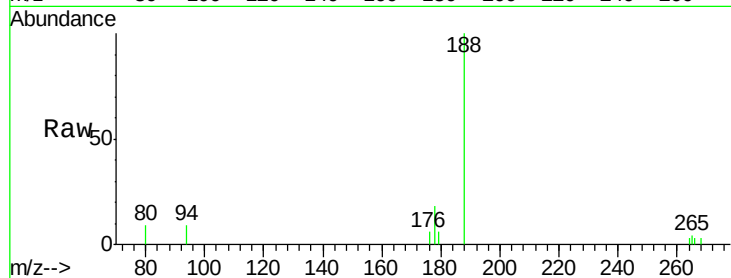
ClientSampleId :

A4WH4DL

Tgt Ion:	178	Resp:	459
Ion Ratio	Lower	Upper	
178	100		
176	33.6	18.1	27.1#
179	35.8	14.7	22.1#

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#15

Fluoranthene

Concen: 0.57 ng/ul

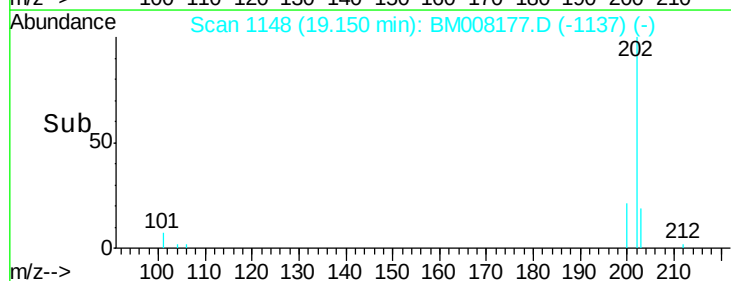
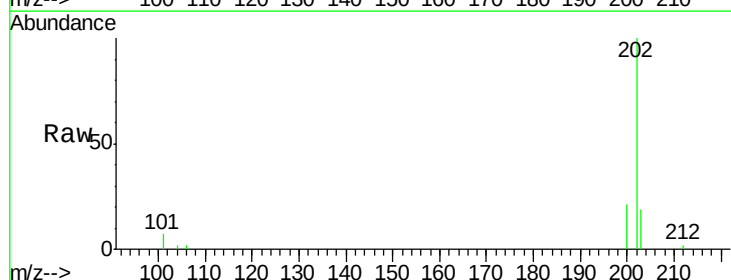
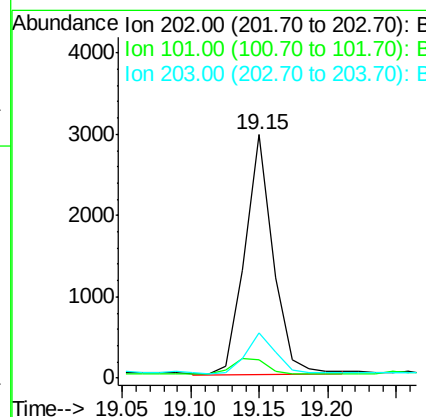
RT: 19.15 min Scan# 1148

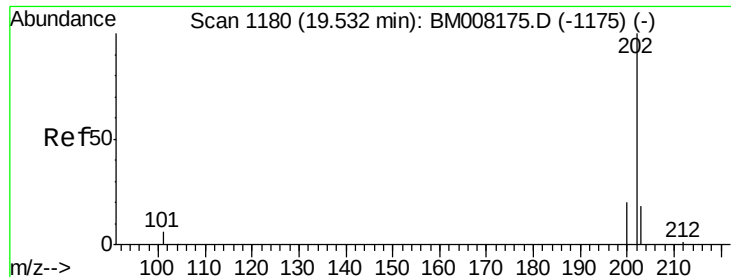
Delta R.T. -0.01 min

Lab File: BM008177.D

Acq: 03 Dec 2016 03:35

Tgt Ion:	202	Resp:	4243
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	30.3
203	18.7	0.0	39.5





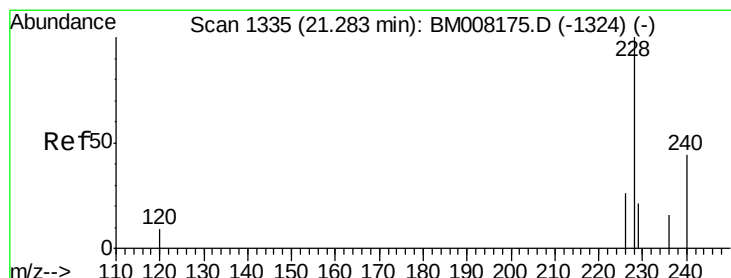
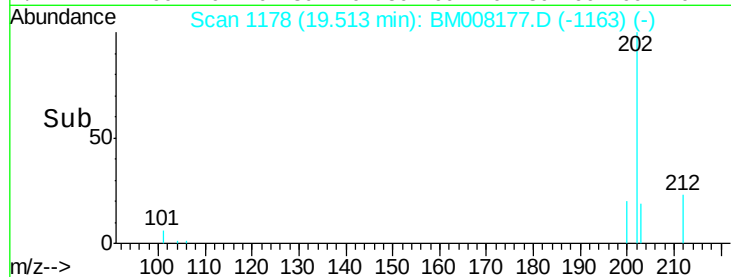
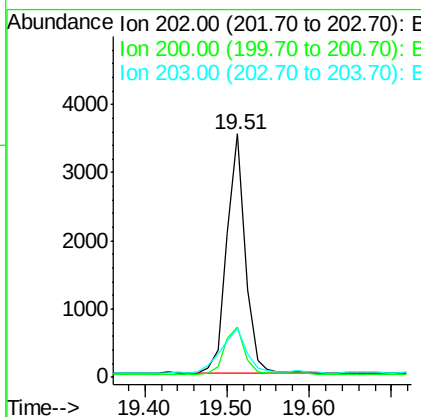
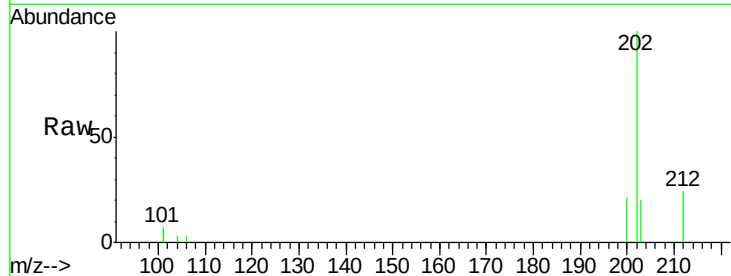
#17
 Pyrene
 Concen: 0.97 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BM008177.D
 Acq: 03 Dec 2016 03:35

Instrument :
 BNA_M
 ClientSampleId :
 A4WH4DL

Tgt Ion:	202	Resp:	5493
Ion Ratio	Lower	Upper	
202	100		
200	20.9	18.2	27.4
203	20.1	15.6	23.4

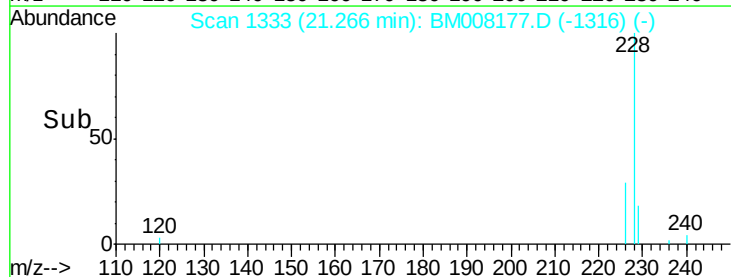
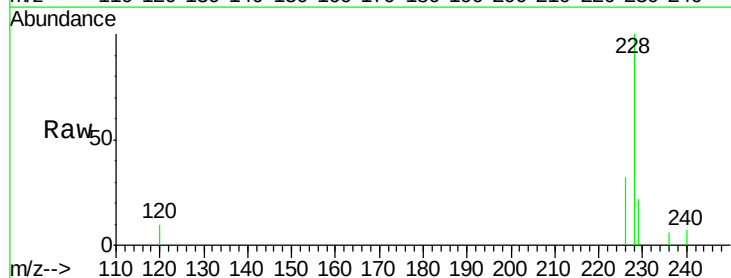
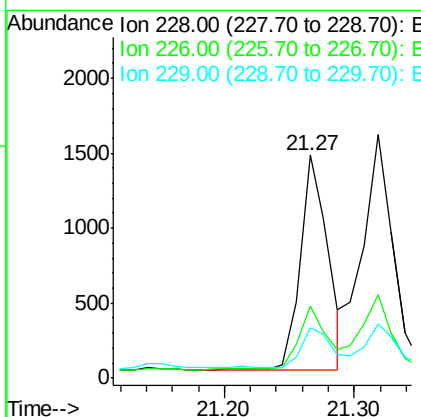
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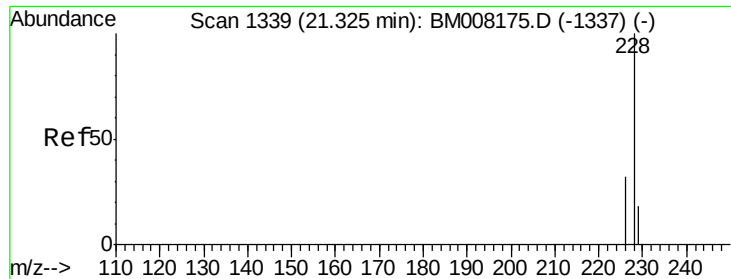
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#18
 Benzo(a)anthracene
 Concen: 0.42 ng/ul
 RT: 21.27 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BM008177.D
 Acq: 03 Dec 2016 03:35

Tgt Ion:	228	Resp:	2104
Ion Ratio	Lower	Upper	
228	100		
226	32.3	22.8	34.2
229	22.3	17.0	25.6





#19

Chrysene

Concen: 0.42 ng/ul

RT: 21.32 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM008177.D

Acq: 03 Dec 2016 03:35

Instrument :

BNA_M

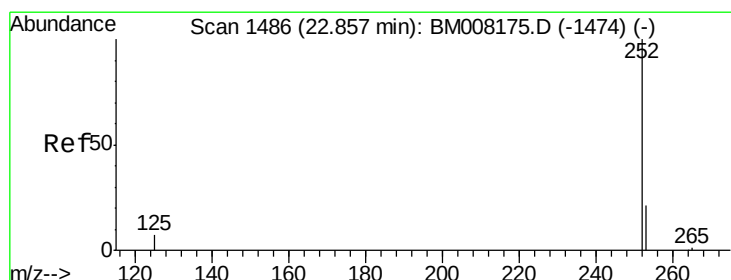
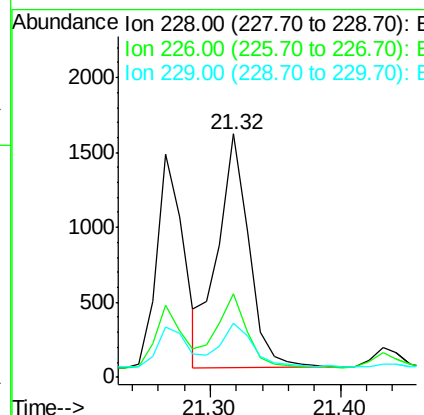
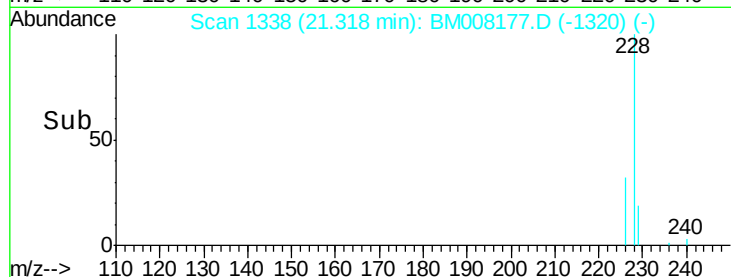
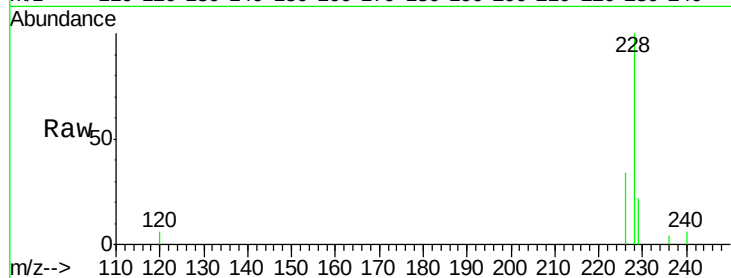
ClientSampleId :

A4WH4DL

Tgt Ion:	228	Resp:	2587
Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.33 ng/ul m

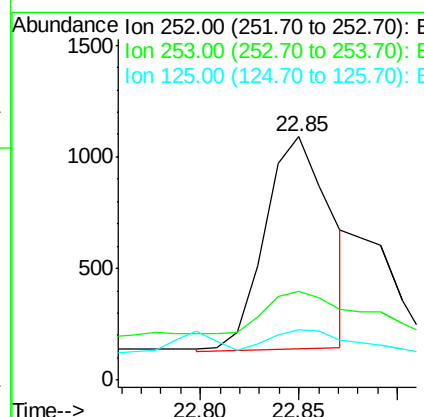
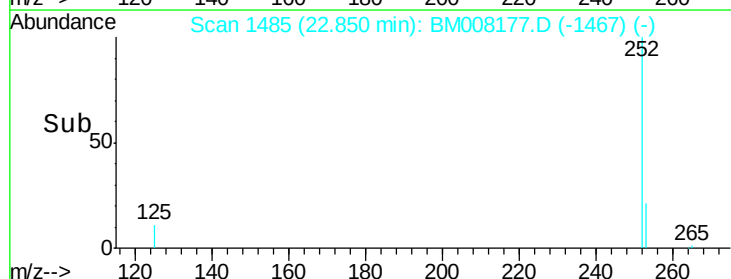
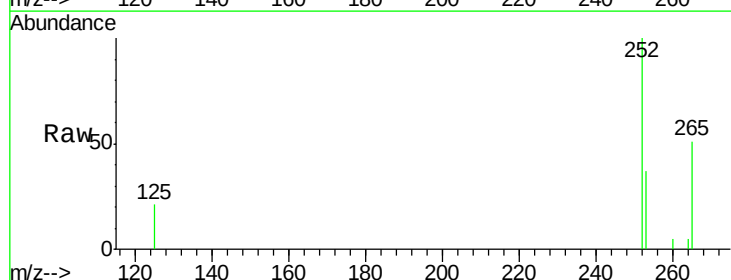
RT: 22.85 min Scan# 1485

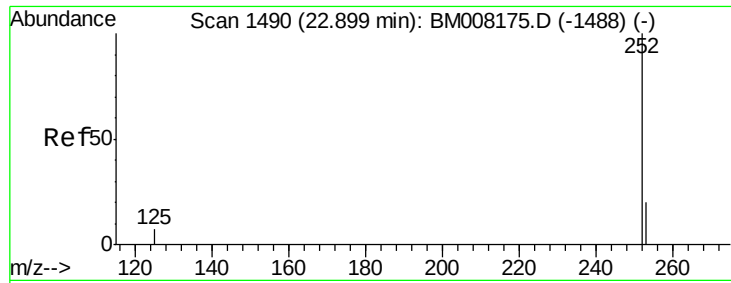
Delta R.T. -0.01 min

Lab File: BM008177.D

Acq: 03 Dec 2016 03:35

Tgt Ion:	252	Resp:	2198
Ion	Ratio	Lower	Upper
252	100		
253	36.7	0.0	64.2
125	20.9	0.0	35.0





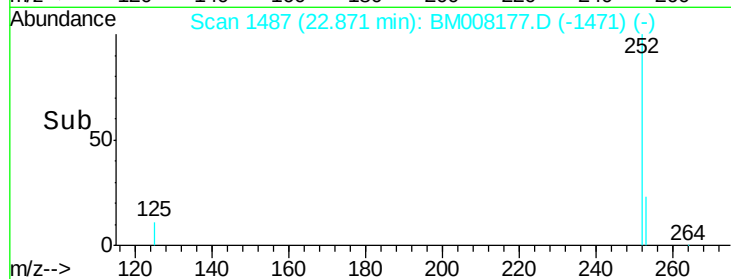
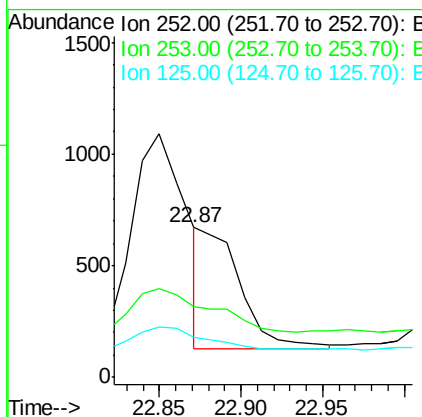
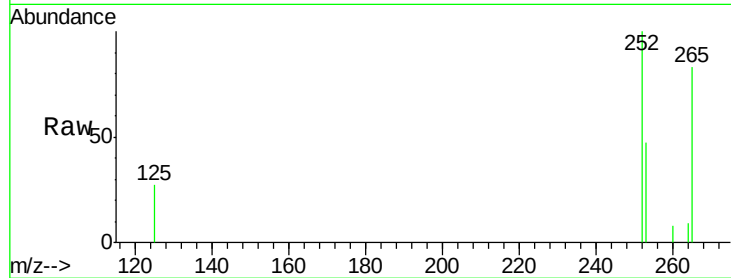
#22
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BM008177.D
Acq: 03 Dec 2016 03:35

Instrument :
BNA_M
ClientSampleId :
A4WH4DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.5	24.5	36.7#
125	27.1	13.7	20.5#

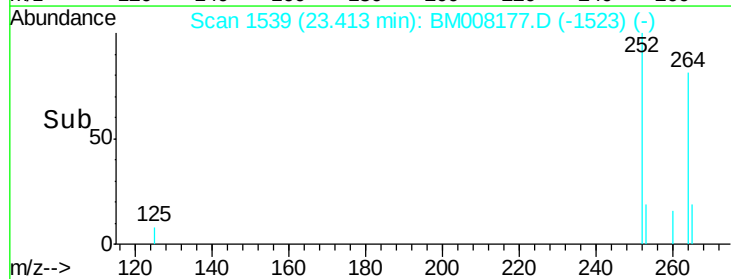
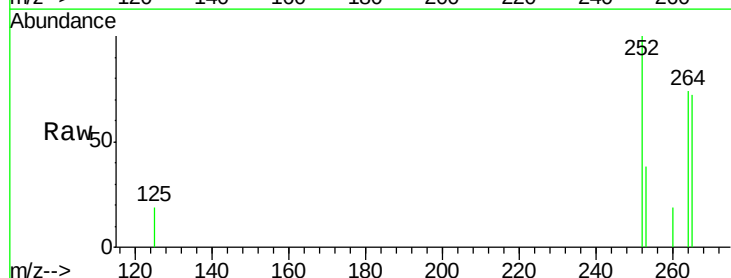
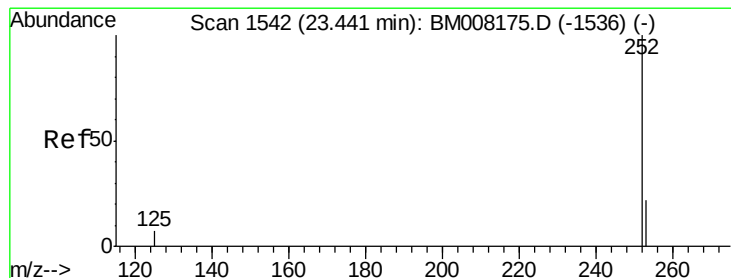
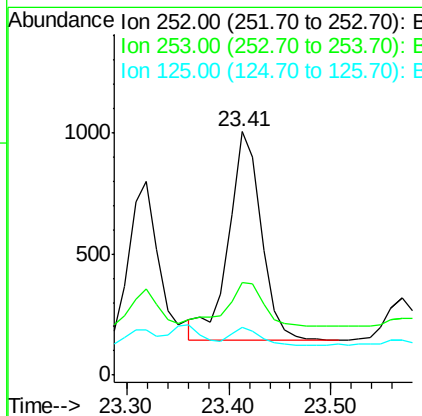
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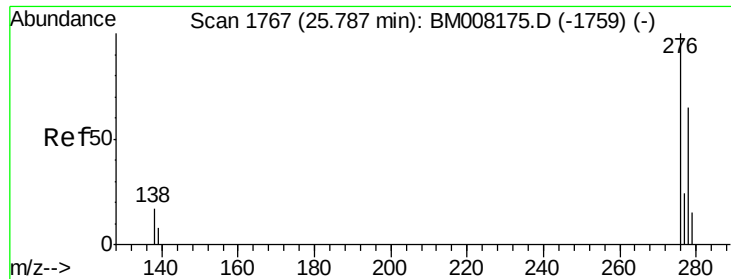
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#23
Benzo(a)pyrene
Concen: 0.31 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.03 min
Lab File: BM008177.D
Acq: 03 Dec 2016 03:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.9	28.5	42.7
125	19.4	18.1	27.1





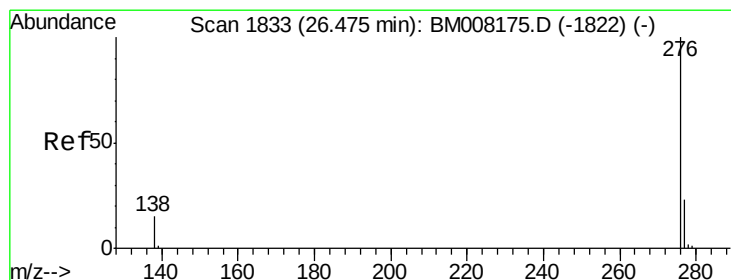
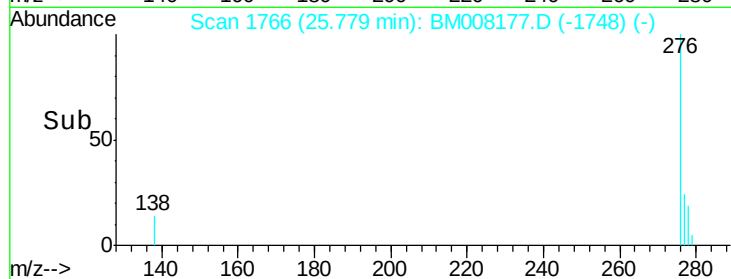
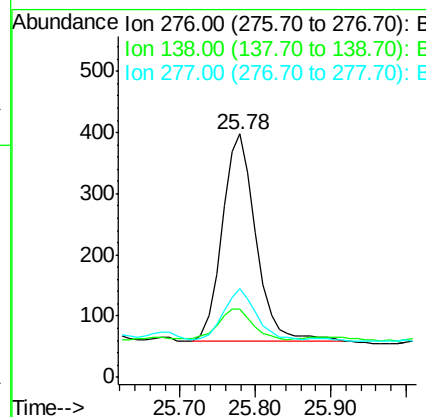
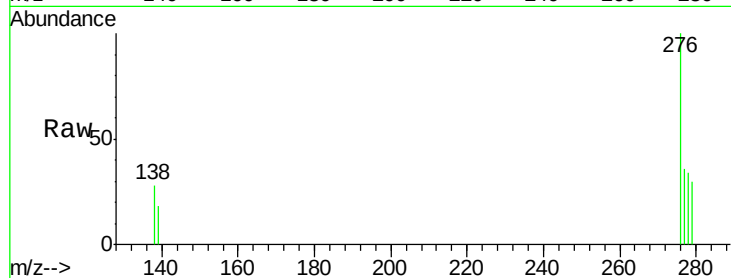
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.14 ng/ul
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BM008177.D
 Acq: 03 Dec 2016 03:35

Instrument :
 BNA_M
 ClientSampleId :
 A4WH4DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	19.1	28.7#
277	23.6	19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 0.15 ng/ul
 RT: 26.47 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BM008177.D
 Acq: 03 Dec 2016 03:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	37.0	21.8	32.8#
138	30.4	20.5	30.7

