

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008454.D
 Acq On : 19 Dec 2016 22:49
 Operator : UM/SJ
 Sample : H5970-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA844

Manual Integrations
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Quant Time: Dec 20 12:39:41 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	419	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1460	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	889	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1610m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1543	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1102m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	606	0.27	ng/ul	-0.06
14) Fluoranthene-d10	19.10	212	1291	0.29	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.48	128	652	0.16	ng/ul#	79
5) 2-Methylnaphthalene	12.11	142	481	0.17	ng/ul	100
8) Acenaphthene	14.35	153	102	0.03	ng/ul#	82
12) Phenanthrene	17.09	178	1416m	0.29	ng/ul	
15) Fluoranthene	19.12	202	2004	0.33	ng/ul	96
17) Pyrene	19.48	202	2265	0.38	ng/ul	95
18) Benzo(a)anthracene	21.24	228	1798m	0.35	ng/ul	
19) Chrysene	21.29	228	1967	0.35	ng/ul	93
21) Benzo(b)fluoranthene	22.82	252	3748m	0.86	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	1270m	0.30	ng/ul	
23) Benzo(a)pyrene	23.38	252	2278m	0.57	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	1683m	0.35	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	1483m	0.36	ng/ul	

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

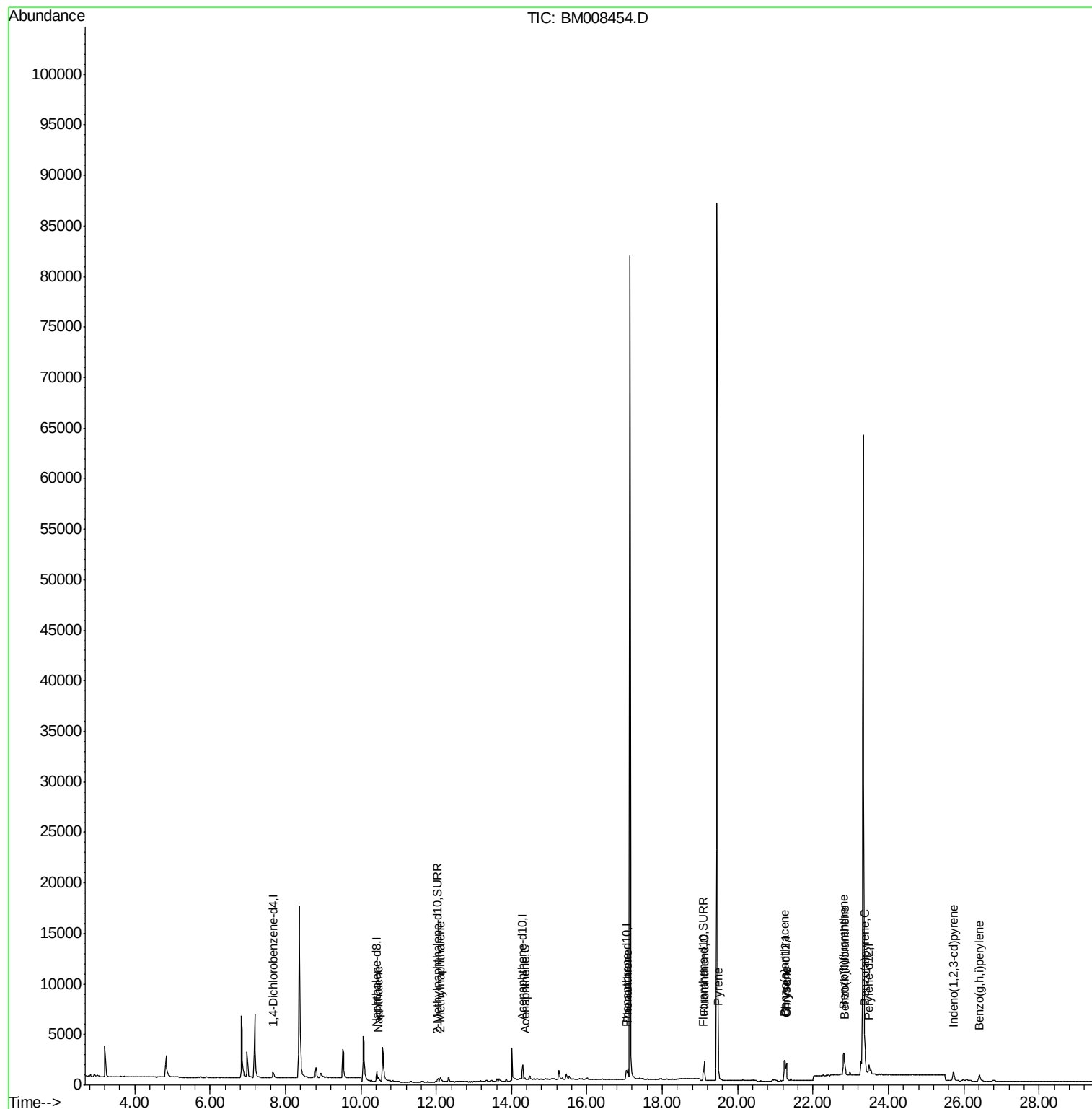
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008454.D
Acq On : 19 Dec 2016 22:49
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ALS Vial : 16 Sample Multiplier: 1

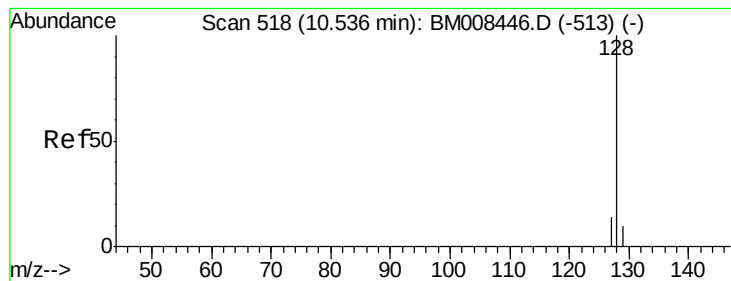
Instrument :
BNA_M
ClientSampleId :
DA844

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#3

Naphthalene

Concen: 0.16 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Instrument :

BNA_M

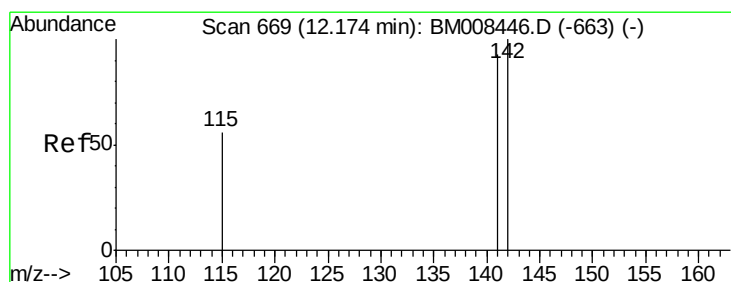
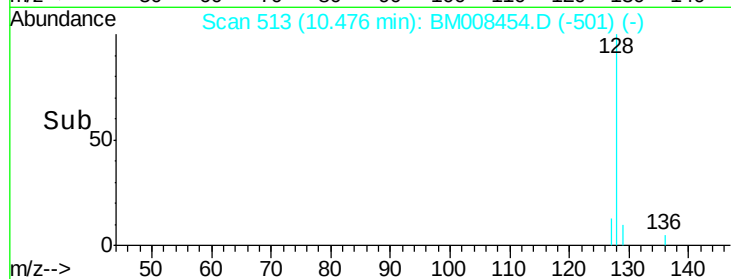
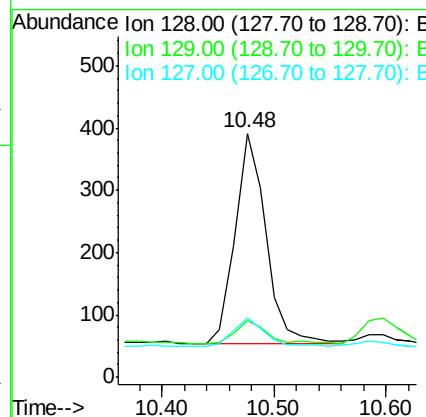
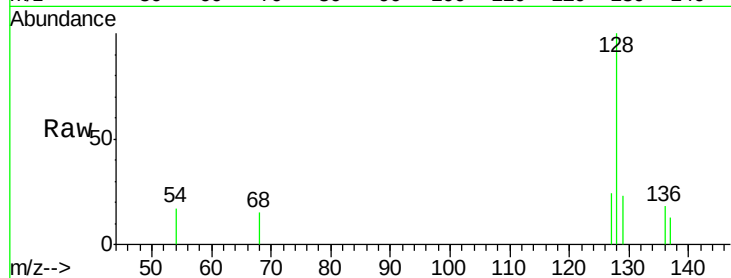
ClientSampleId :

DA844

Tot Ion:	128	Resp:	652
Ion Ratio	Lower	Upper	
128	100		
129	23.0	11.3	16.9#
127	24.3	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.17 ng/ul

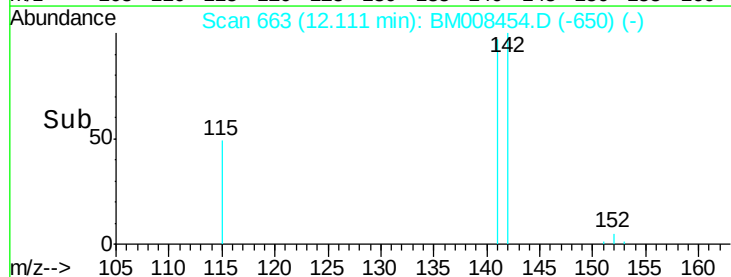
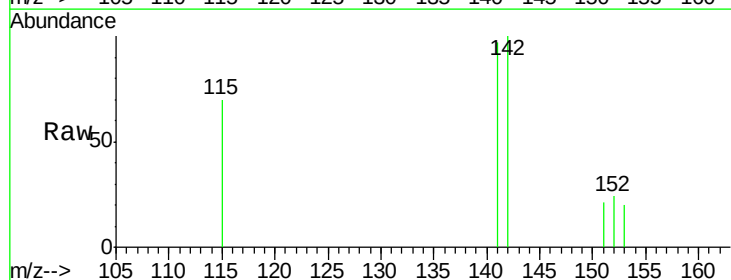
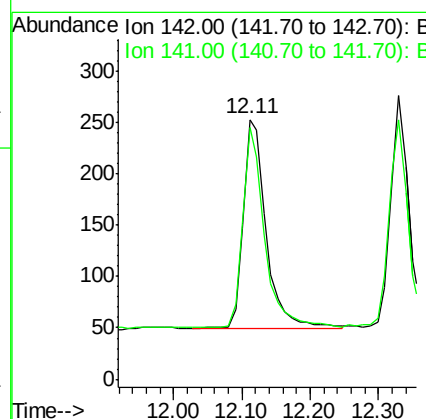
RT: 12.11 min Scan# 663

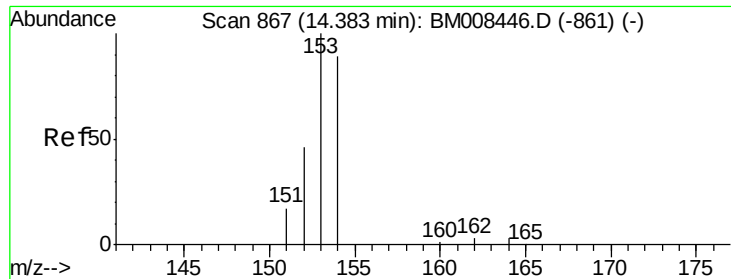
Delta R.T. -0.06 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Tgt Ion:	142	Resp:	481
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.6	108.8





#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Instrument :

BNA_M

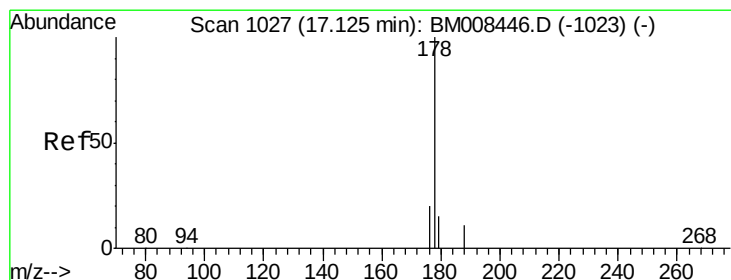
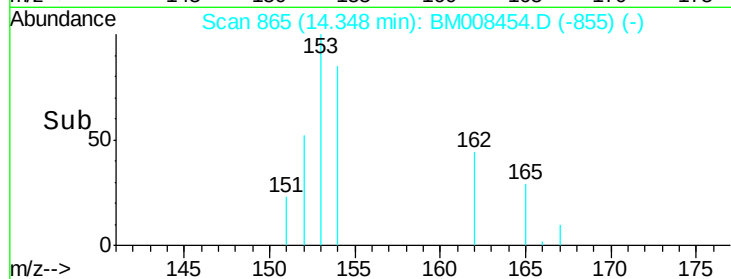
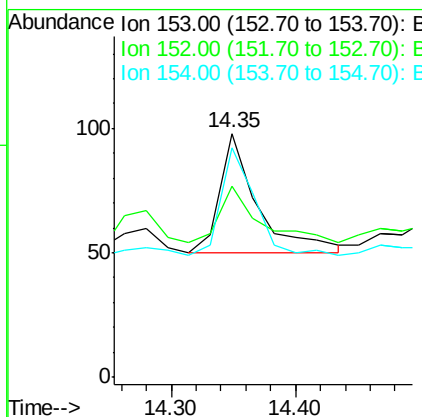
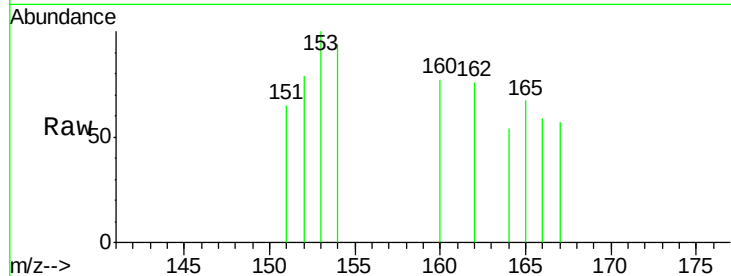
ClientSampled :

DA844

Tot Ion:	153	Resp:	102
Ion Ratio	Lower	Upper	
153	100		
152	78.6	40.3	60.5#
154	93.9	71.4	107.2

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#12

Phenanthrene

Concen: 0.29 ng/ul m

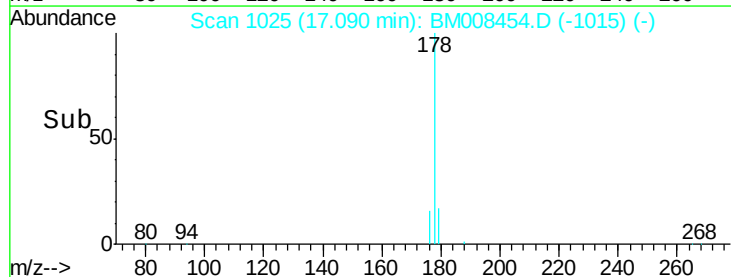
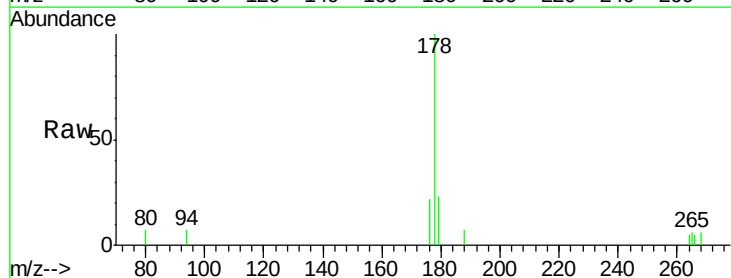
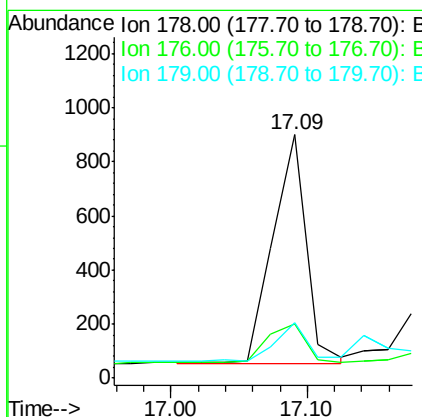
RT: 17.09 min Scan# 1025

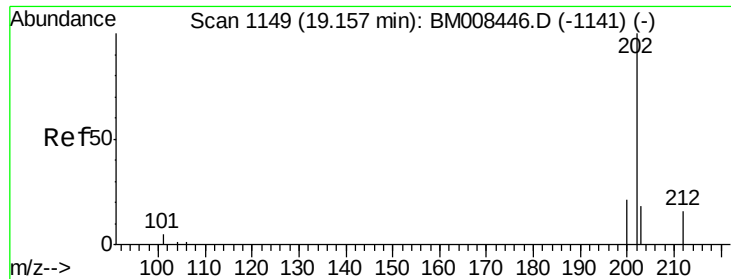
Delta R.T. -0.03 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Tgt Ion:	178	Resp:	1416
Ion Ratio	Lower	Upper	
178	100		
176	22.1	18.4	27.6
179	22.8	13.6	20.4#





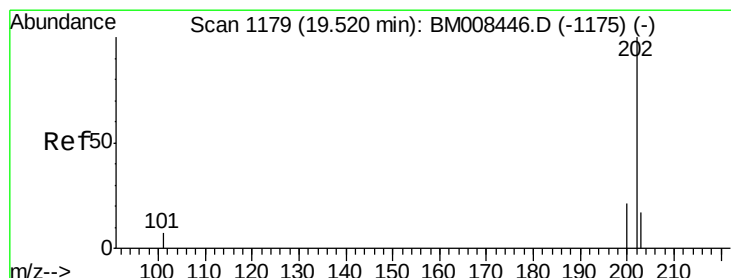
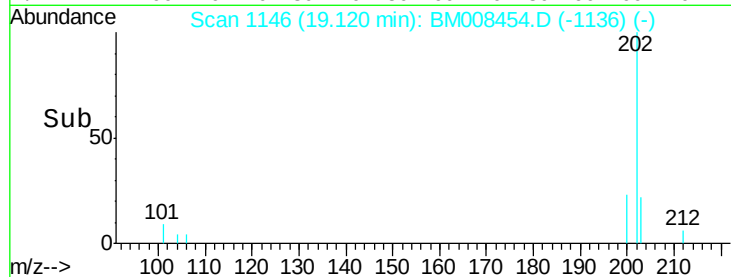
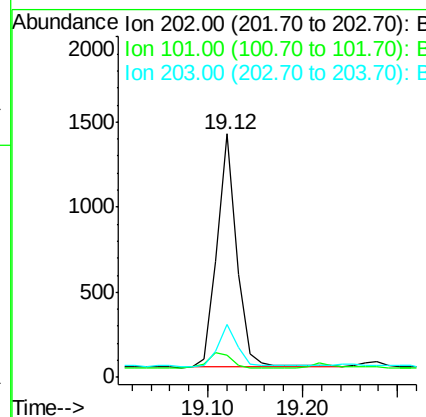
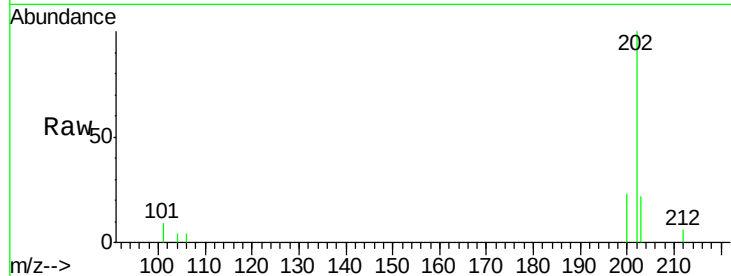
#15
Fluoranthene
 Concen: 0.33 ng/ul
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BM008454.D
 Acq: 19 Dec 2016 22:49

Instrument :
 BNA_M
 ClientSampleId :
 DA844

Tot Ion:	202	Resp:	2004
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.3
203	21.9	0.0	39.5

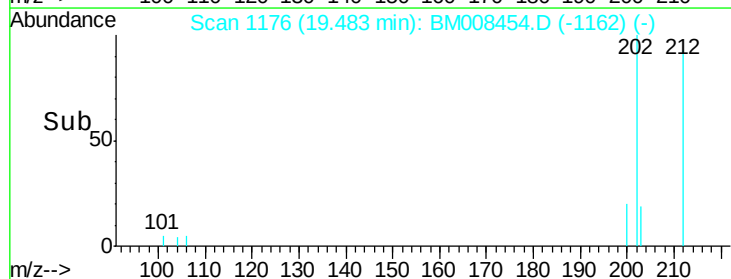
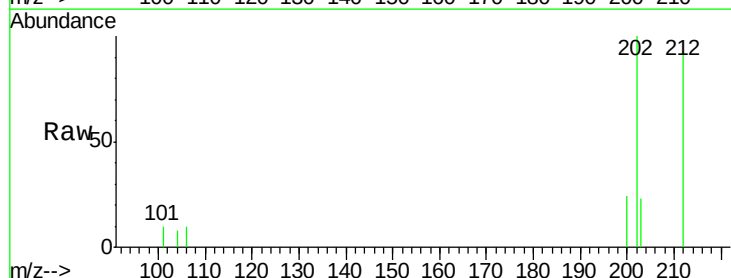
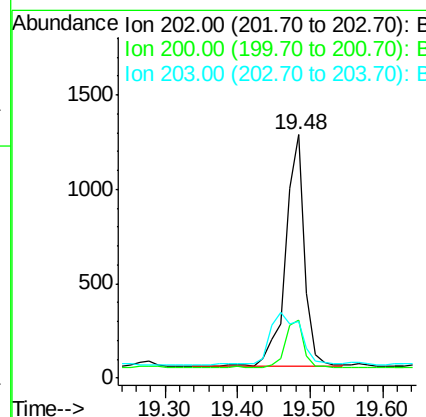
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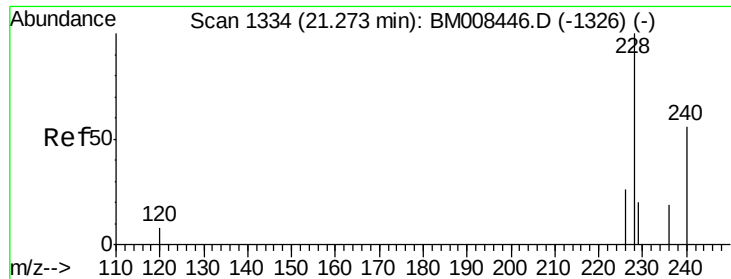
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#17
Pyrene
 Concen: 0.38 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BM008454.D
 Acq: 19 Dec 2016 22:49

Tgt Ion:	202	Resp:	2265
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.2	27.4
203	23.3	15.6	23.4





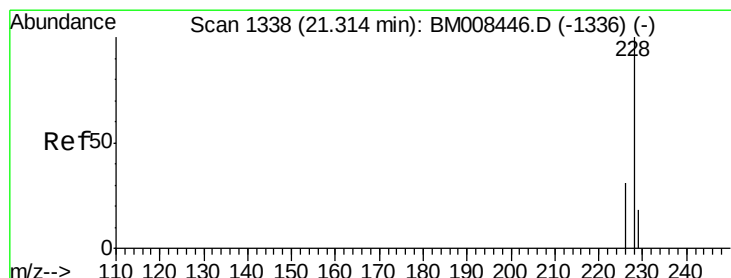
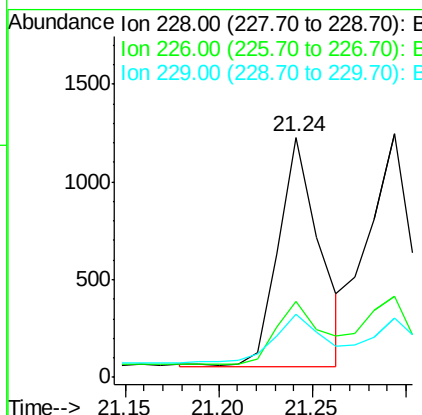
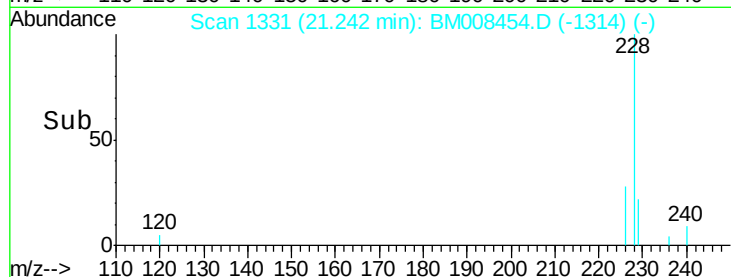
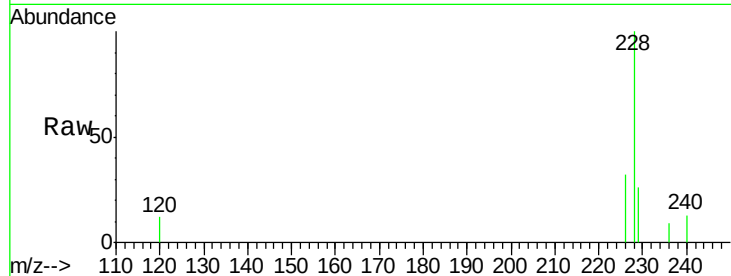
#18
Benzo(a)anthracene
Concen: 0.35 ng/ul m
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008454.D
Acq: 19 Dec 2016 22:49

Instrument :
BNA_M
ClientSampleId :
DA844

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.8	34.2
229	26.4	17.0	25.6

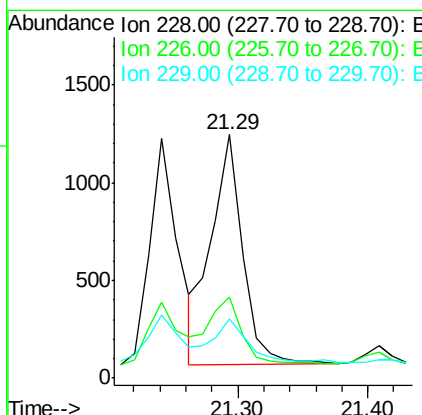
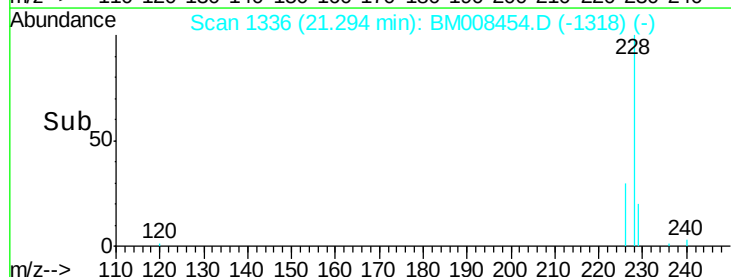
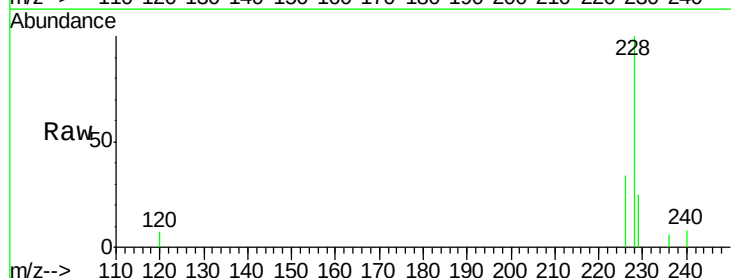
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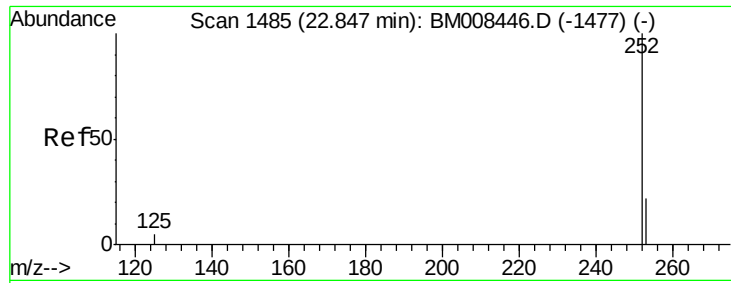
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#19
Chrysene
Concen: 0.35 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM008454.D
Acq: 19 Dec 2016 22:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.0
229	24.6	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.86 ng/ul m

RT: 22.82 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Instrument :

BNA_M

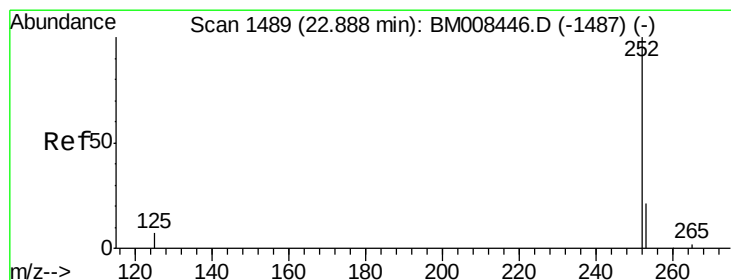
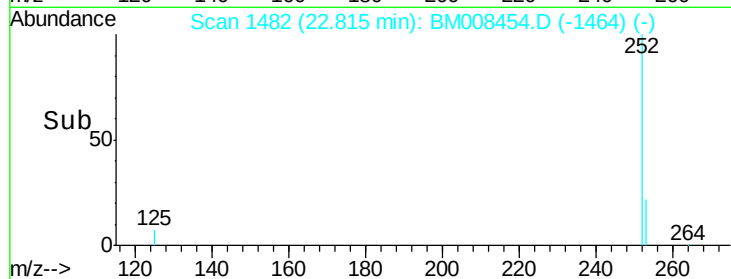
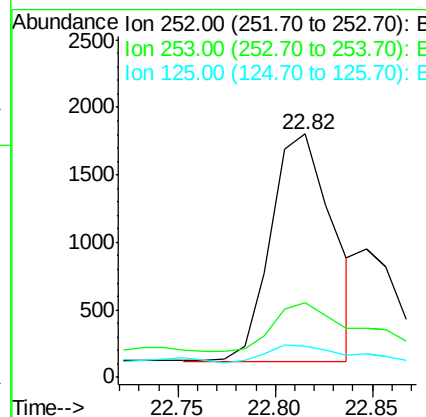
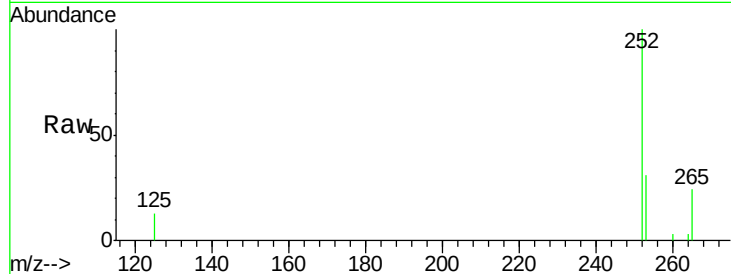
ClientSampleId :

DA844

Tot Ion:	252	Resp:	3748
Ion Ratio	Lower	Upper	
252	100		
253	30.9	0.0	64.2
125	12.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.30 ng/ul m

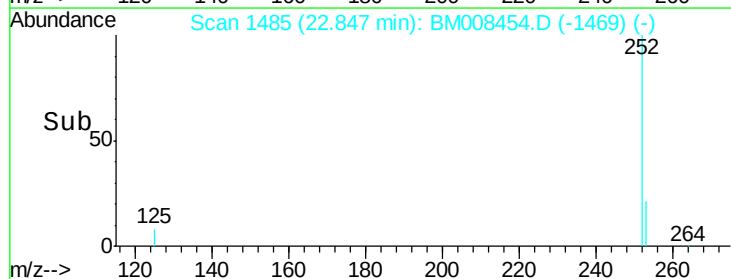
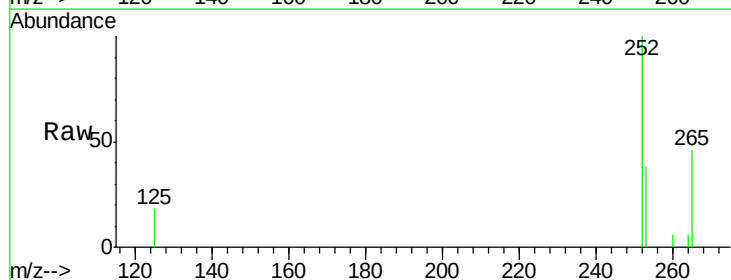
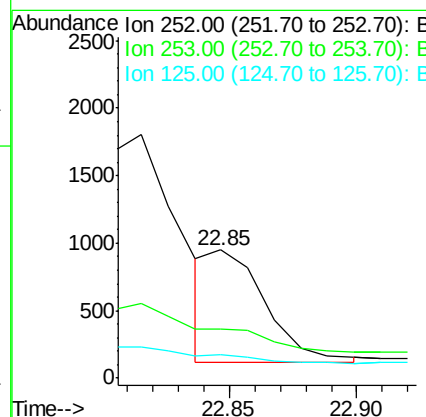
RT: 22.85 min Scan# 1485

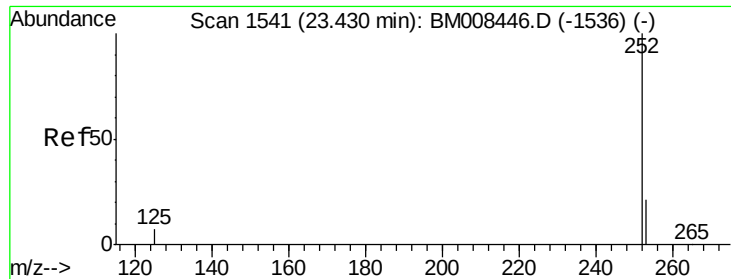
Delta R.T. -0.03 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Tgt Ion:	252	Resp:	1270
Ion Ratio	Lower	Upper	
252	100		
253	38.0	24.5	36.7#
125	18.0	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.57 ng/ul m

RT: 23.38 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BM008454.D

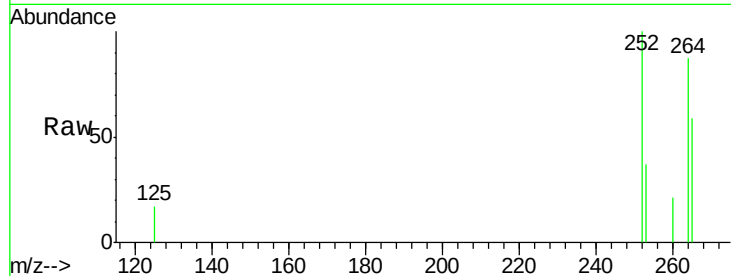
Acq: 19 Dec 2016 22:49

Instrument :

BNA_M

ClientSampled :

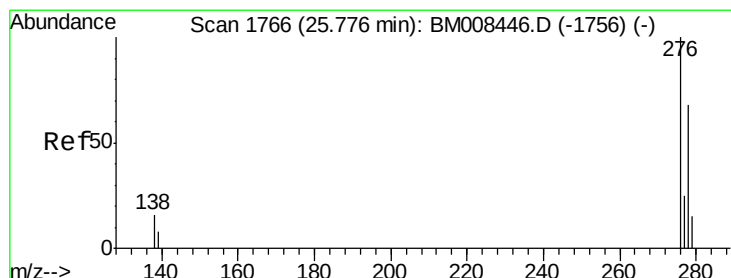
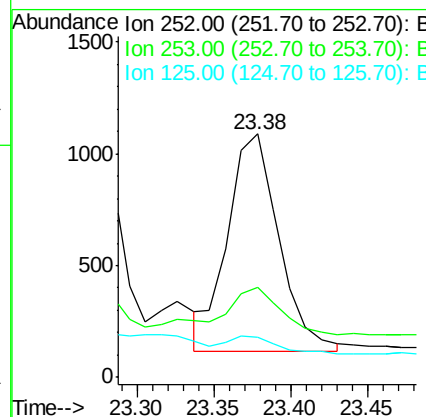
DA844



Tot Ion:	252	Resp:	2278
Ion Ratio	Lower	Upper	
252	100		
253	36.7	28.5	42.7
125	16.6	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.35 ng/ul m

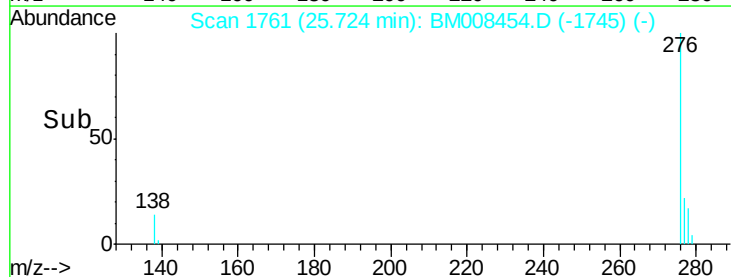
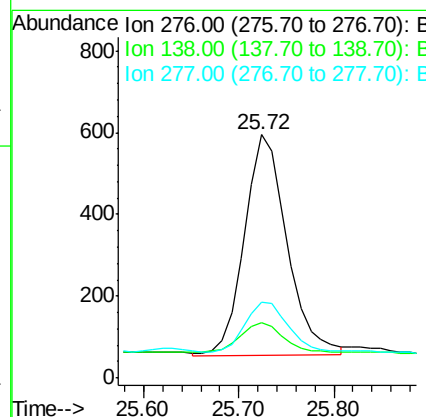
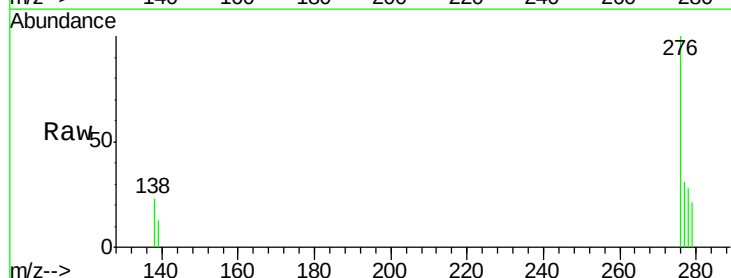
RT: 25.72 min Scan# 1761

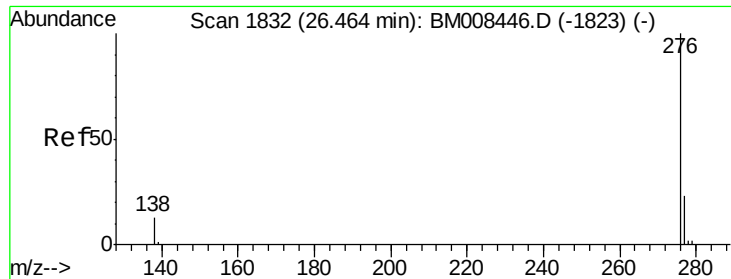
Delta R.T. -0.03 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Tgt Ion:	276	Resp:	1683
Ion Ratio	Lower	Upper	
276	100		
138	40.4	19.1	28.7#
277	43.0	19.6	29.4#





#26
Benzo(a,h,i)perylene
Concen: 0.36 ng/ul m
RT: 26.41 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM008454.D
Acq: 19 Dec 2016 22:49

Instrument :
BNA_M
ClientSampleId :
DA844

Tot Ion	Ratio	Lower	Upper
276	100		
277	33.6	21.8	32.8#
138	24.8	20.5	30.7

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