

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008156.D
 Acq On : 02 Dec 2016 15:04
 Operator : UM/SJ
 Sample : H5730-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6

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Quant Time: Dec 02 17:47:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 15:28:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	610	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	2115	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1249	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2165m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.28	240	1884	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	1593m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	812	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1448	0.24	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.52	128	267	0.05	ng/ul#	51
5) 2-Methylnaphthalene	12.16	142	131	0.03	ng/ul	90
7) Acenaphthylene	14.04	152	1236	0.22	ng/ul#	92
8) Acenaphthene	14.38	153	292	0.07	ng/ul#	87
9) Fluorene	15.39	166	405	0.08	ng/ul#	92
12) Phenanthrene	17.12	178	10690m	1.59	ng/ul	
13) Anthracene	17.21	178	1665	0.26	ng/ul#	90
15) Fluoranthene	19.14	202	16444m	1.89	ng/ul	
17) Pyrene	19.51	202	13808	2.11	ng/ul	98
18) Benzo(a)anthracene	21.26	228	5131	0.89	ng/ul	97
19) Chrysene	21.31	228	6463	0.90	ng/ul	96
21) Benzo(b)fluoranthene	22.85	252	9313m	1.46	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	3521m	0.54	ng/ul	
23) Benzo(a)pyrene	23.41	252	5807m	0.98	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	5019m	0.68	ng/ul	
25) Dibenzo(a,h)anthracene	25.77	278	1343m	0.23	ng/ul	
26) Benzo(g,h,i)perylene	26.45	276	3666m	0.56	ng/ul	

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

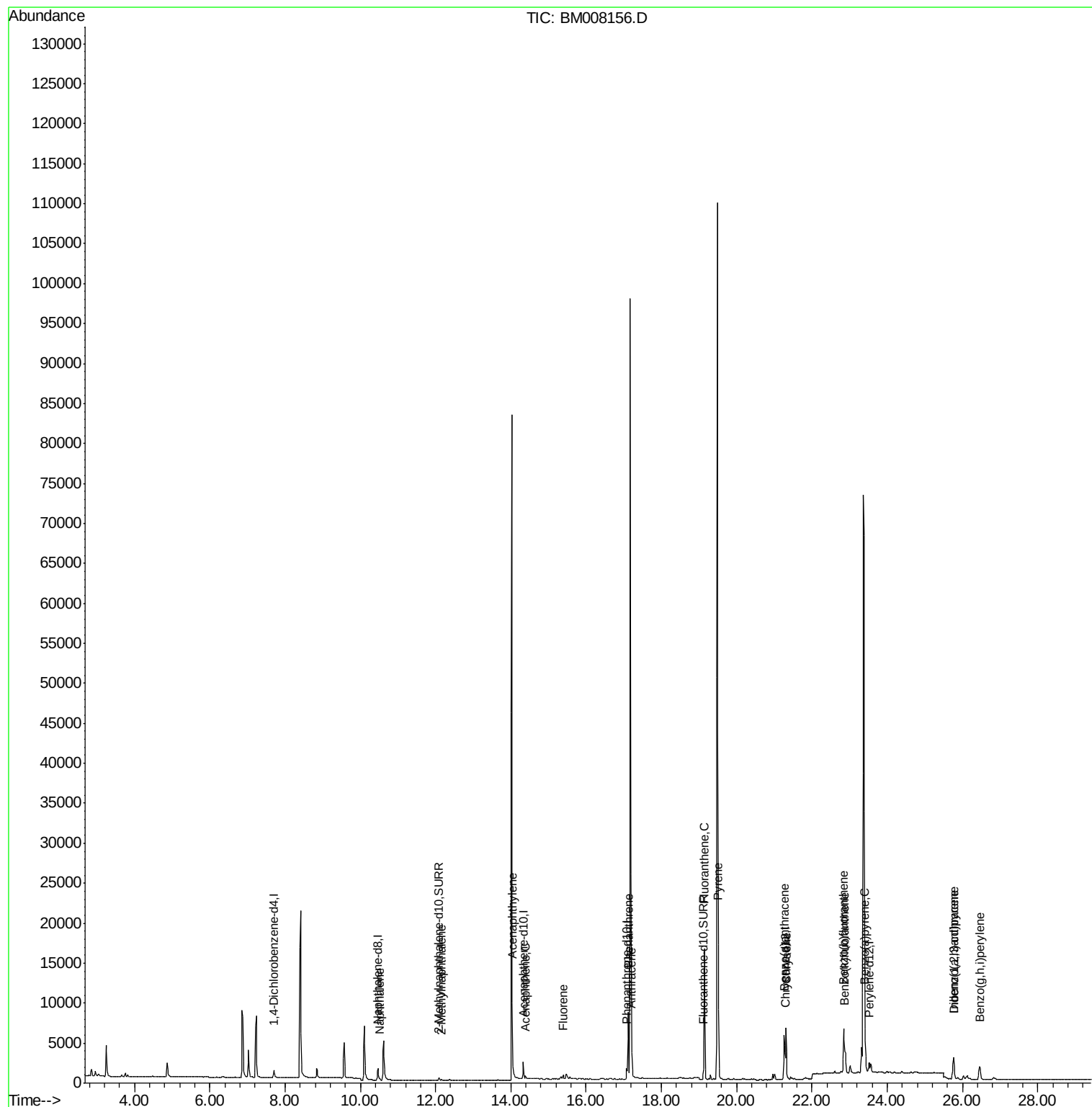
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008156.D
Acq On : 02 Dec 2016 15:04
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Sample : H5730-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

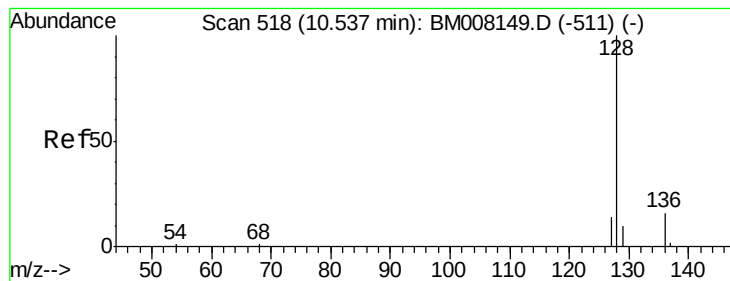
Instrument :
BNA_M
ClientSampleId :
A4WH6

Quant Time: Dec 02 17:47:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.52 min Scan# 517

Delta R.T. -0.01 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Instrument :

BNA_M

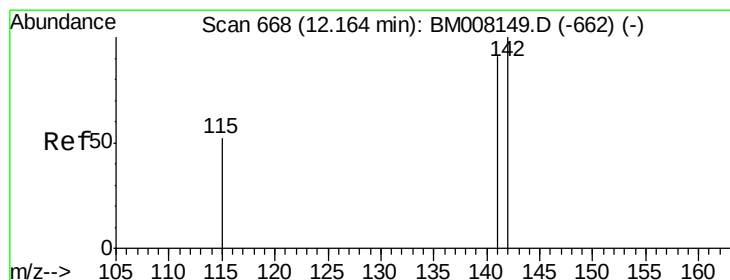
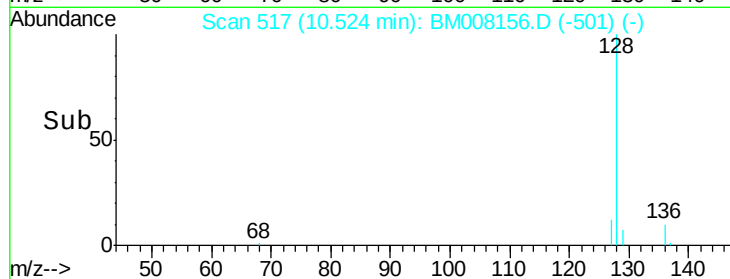
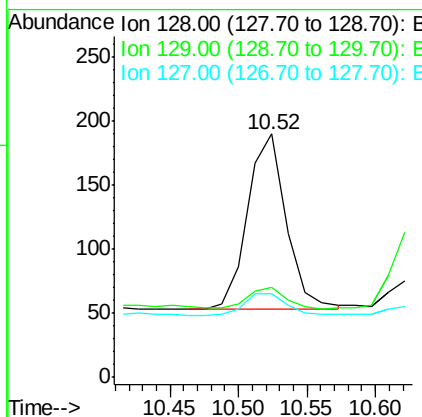
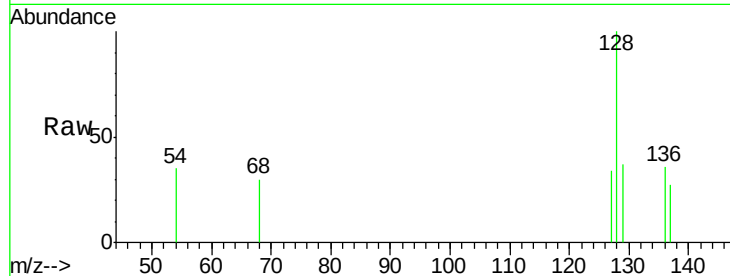
ClientSampleId :

A4WH6

Tgt Ion:	128	Resp:	267
Ion Ratio	Lower	Upper	
128	100		
129	36.8	11.3	16.9#
127	34.2	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.03 ng/ul

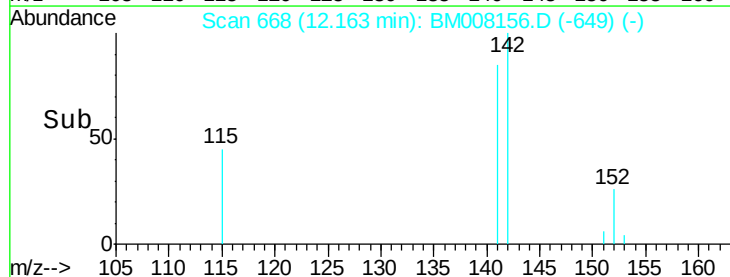
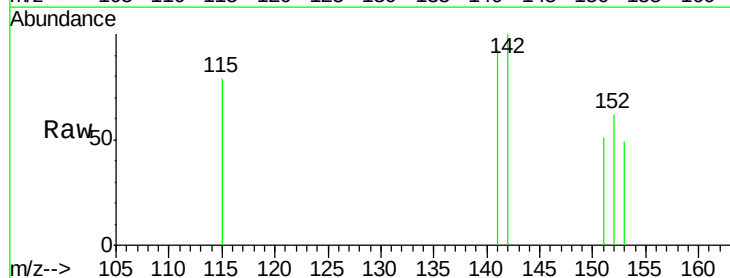
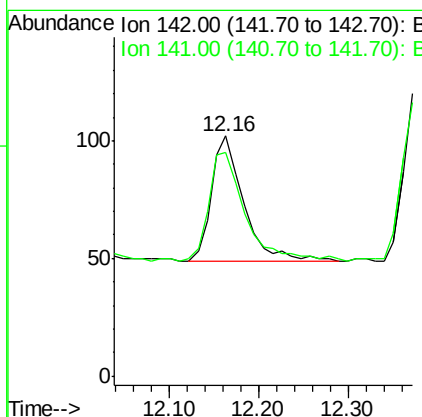
RT: 12.16 min Scan# 668

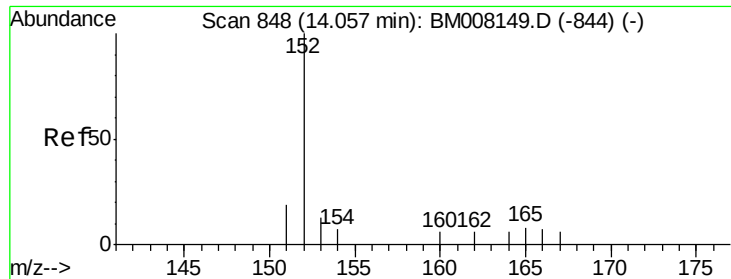
Delta R.T. -0.00 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Tgt Ion:	142	Resp:	131
Ion Ratio	Lower	Upper	
142	100		
141	100.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.22 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Instrument :

BNA_M

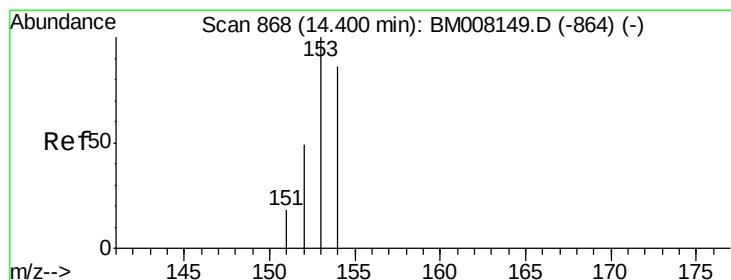
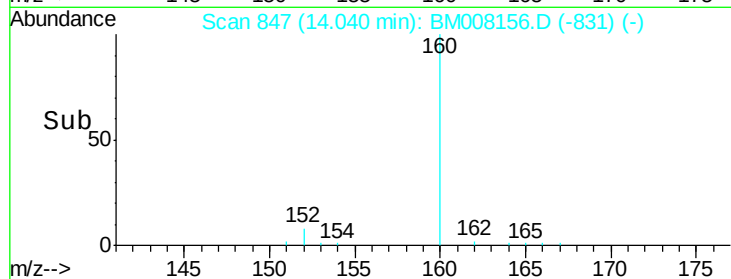
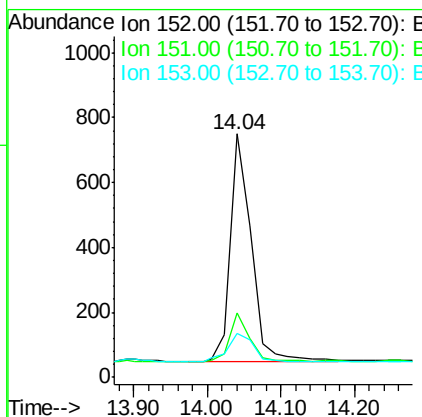
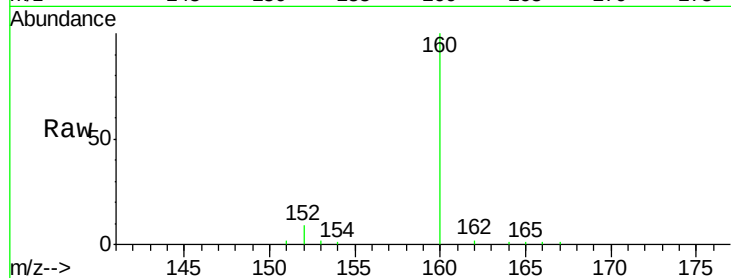
ClientSampleId :

A4WH6

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.3	17.1	25.7#
153	18.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.07 ng/ul

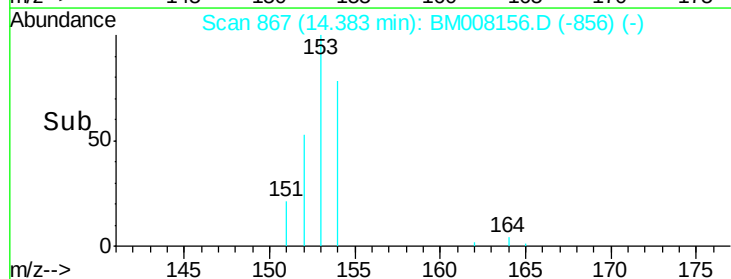
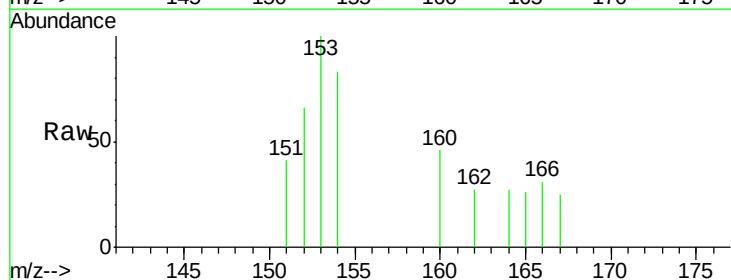
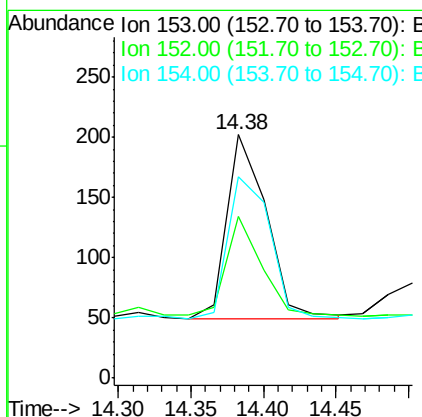
RT: 14.38 min Scan# 867

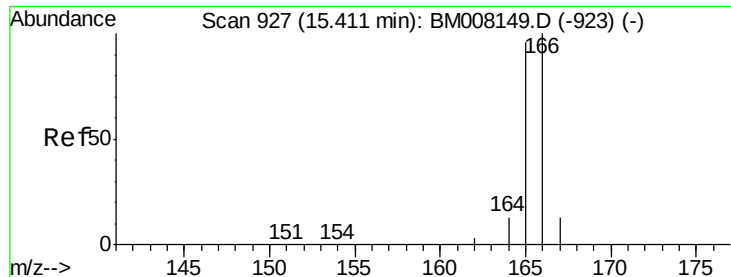
Delta R.T. -0.02 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	66.3	40.3	60.5#
154	82.7	71.4	107.2





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.02 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Instrument :

BNA_M

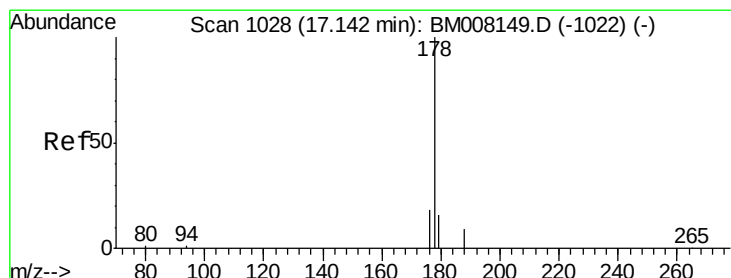
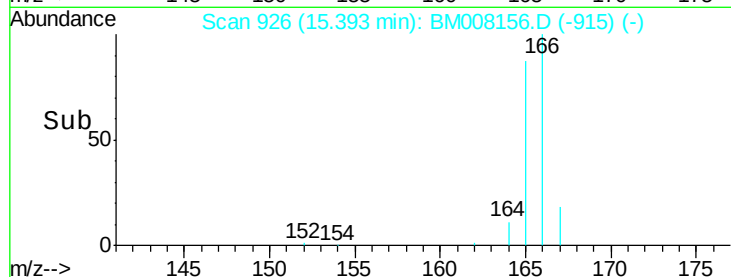
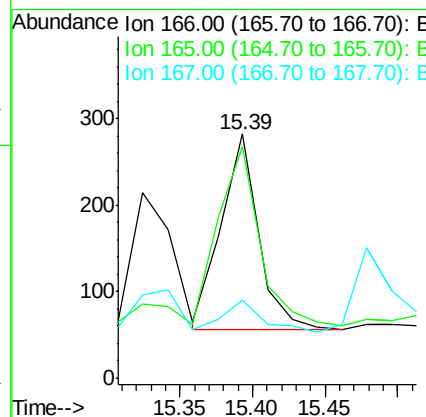
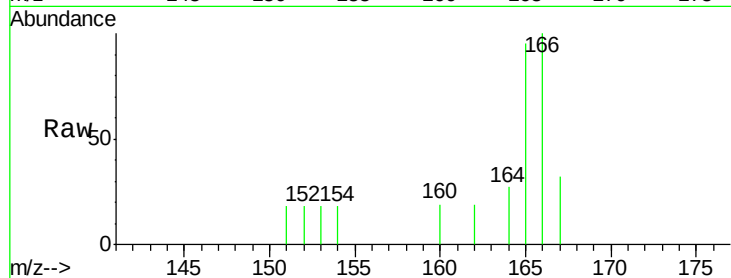
ClientSampleId :

A4WH6

Tgt Ion:	166	Resp:	405
Ion Ratio	Lower	Upper	
166	100		
165	95.0	73.4	110.2
167	31.9	14.6	22.0

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#12

Phenanthrene

Concen: 1.59 ng/ul m

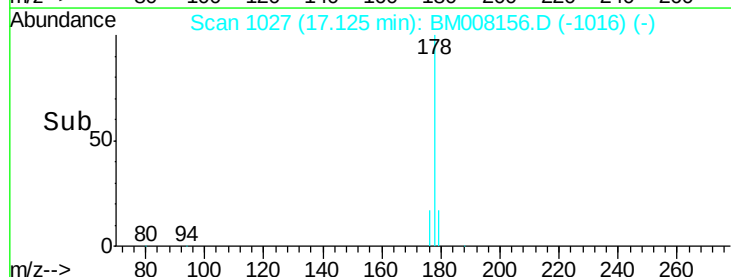
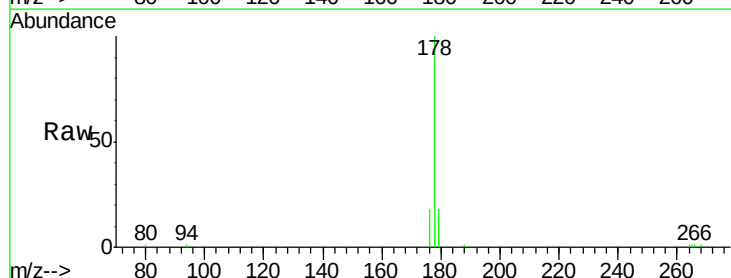
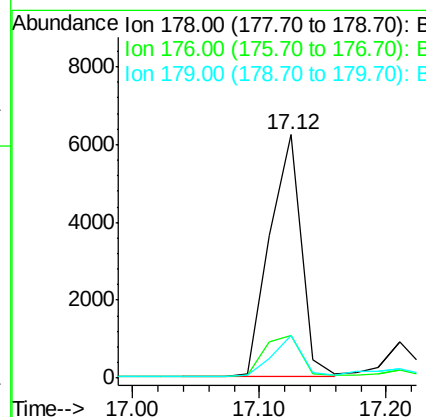
RT: 17.12 min Scan# 1027

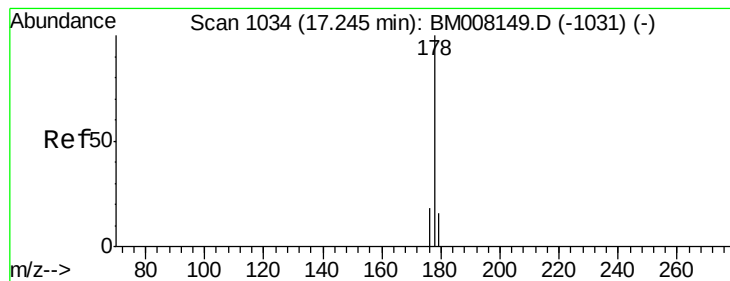
Delta R.T. -0.02 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Tgt Ion:	178	Resp:	10690
Ion Ratio	Lower	Upper	
178	100		
176	17.7	18.4	27.6
179	17.7	13.6	20.4





#13

Anthracene

Concen: 0.26 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BM008156.D

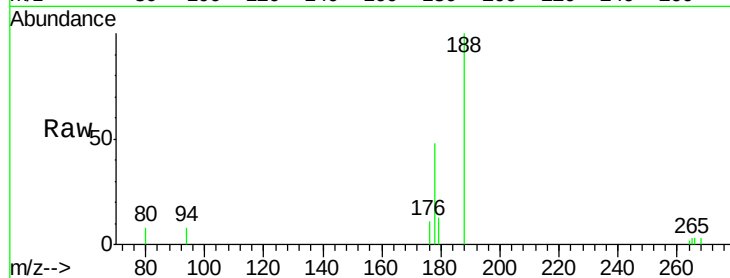
Acq: 02 Dec 2016 15:04

Instrument :

BNA_M

ClientSampleId :

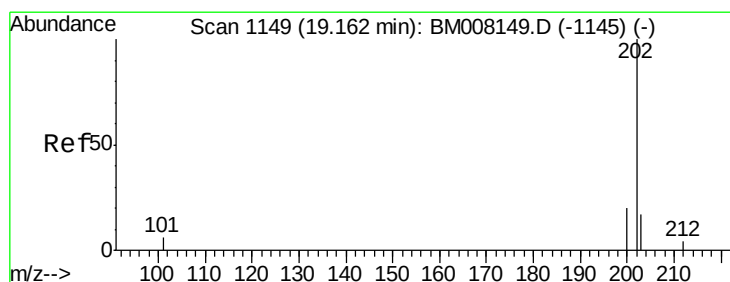
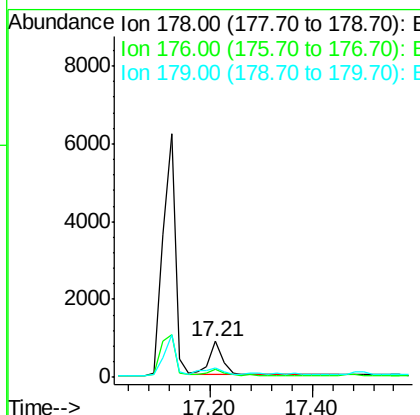
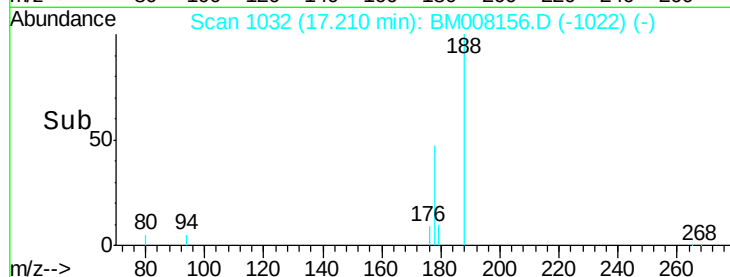
A4WH6



Tgt Ion:	178	Resp:	1665
Ion Ratio	Lower	Upper	
178	100		
176	23.5	18.1	27.1
179	27.1	14.7	22.1#

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#15

Fluoranthene

Concen: 1.89 ng/ul m

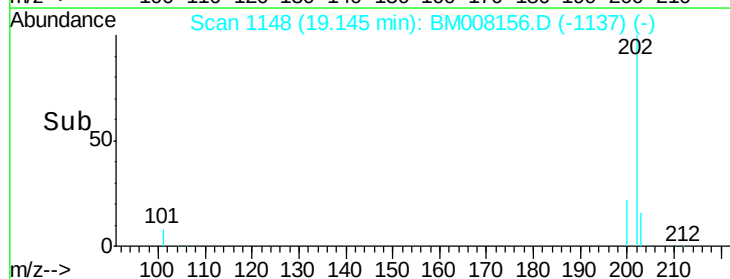
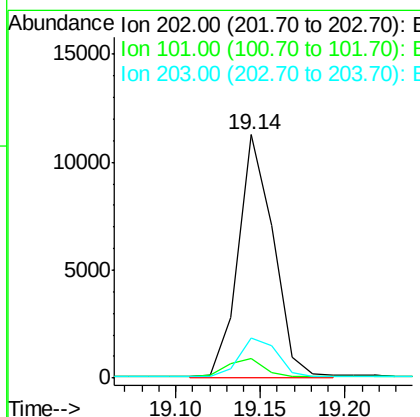
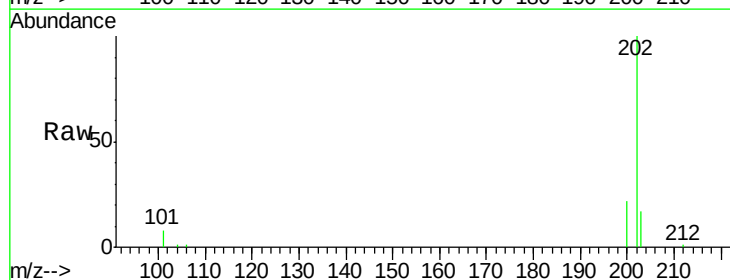
RT: 19.14 min Scan# 1148

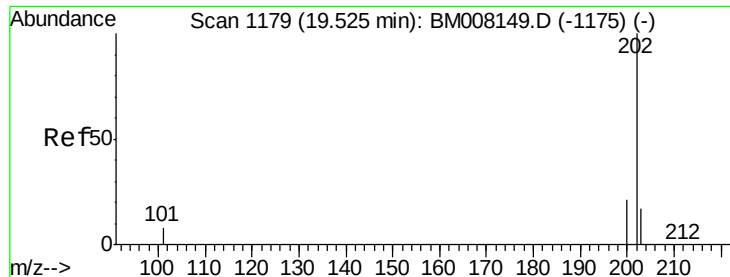
Delta R.T. -0.02 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Tgt Ion:	202	Resp:	16444
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	30.3
203	16.6	0.0	39.5





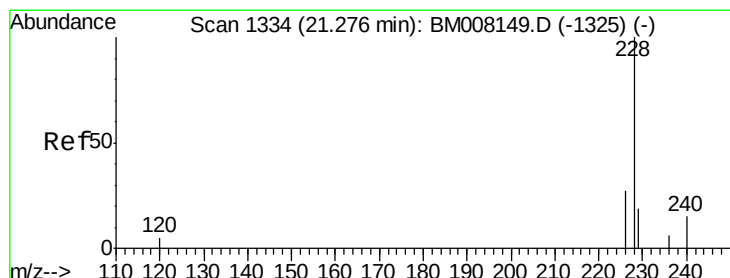
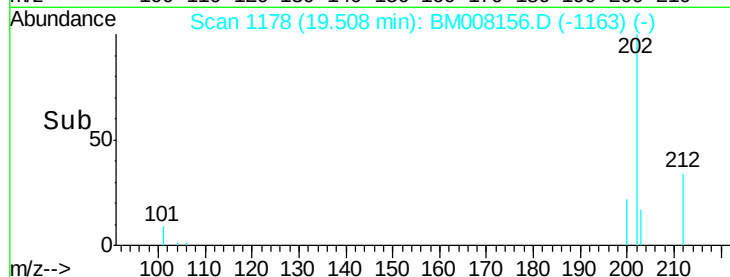
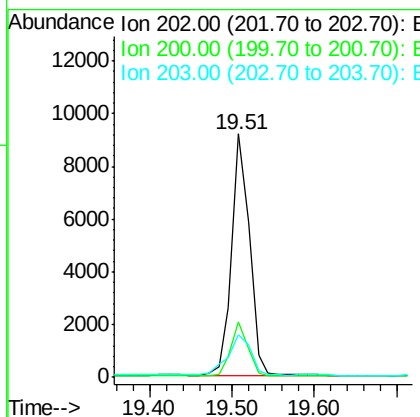
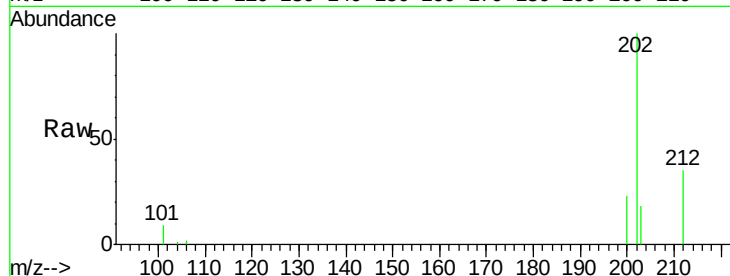
#17
 Pyrene
 Concen: 2.11 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BM008156.D
 Acq: 02 Dec 2016 15:04

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.8	18.2	27.4
203	17.5	15.6	23.4

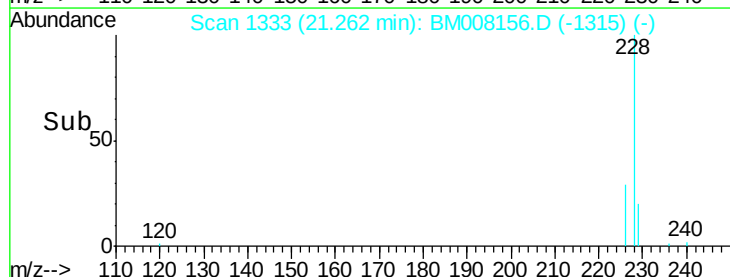
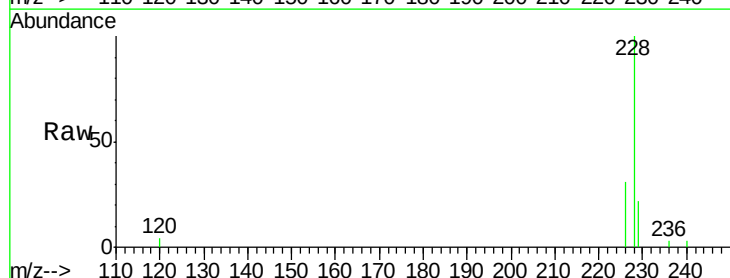
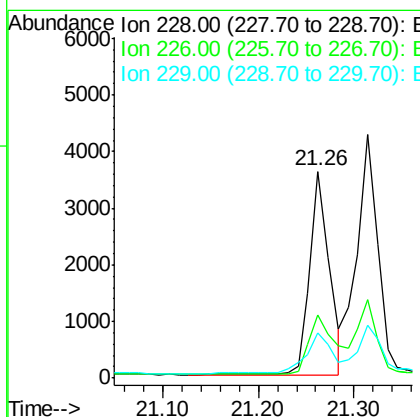
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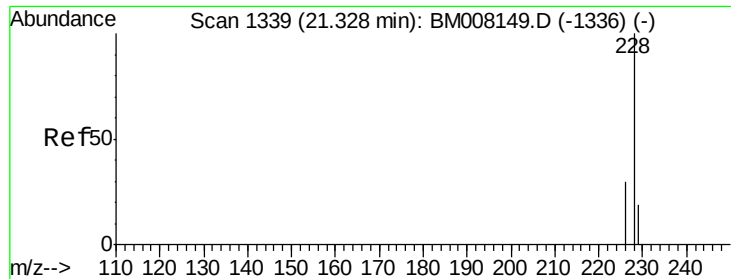
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#18
 Benzo(a)anthracene
 Concen: 0.89 ng/ul
 RT: 21.26 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BM008156.D
 Acq: 02 Dec 2016 15:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	22.8	34.2
229	21.8	17.0	25.6





#19

Chrysene

Concen: 0.90 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Instrument :

BNA_M

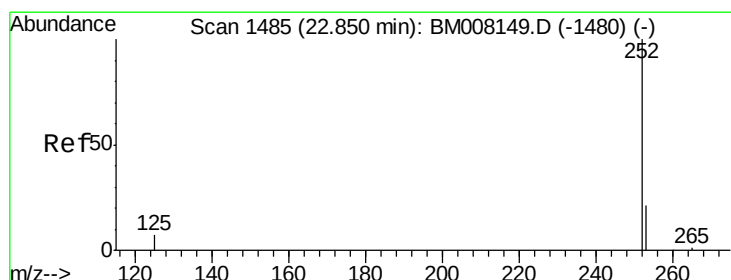
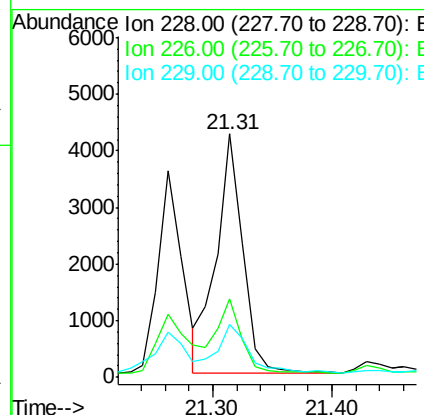
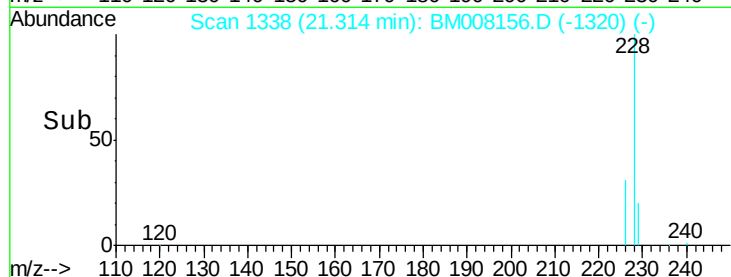
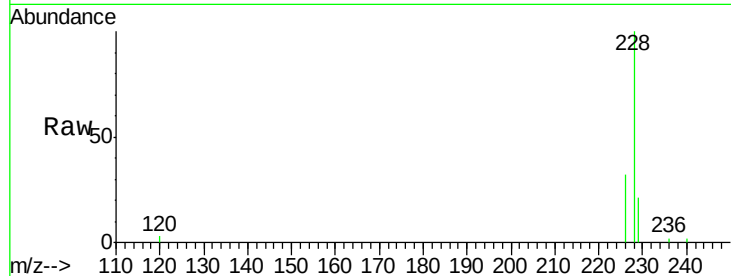
ClientSampled :

A4WH6

Tgt Ion:	228	Resp:	6463
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	21.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.46 ng/ul m

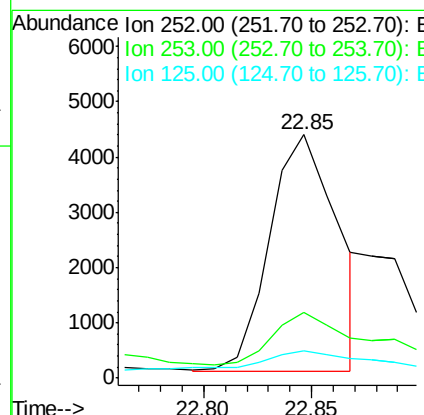
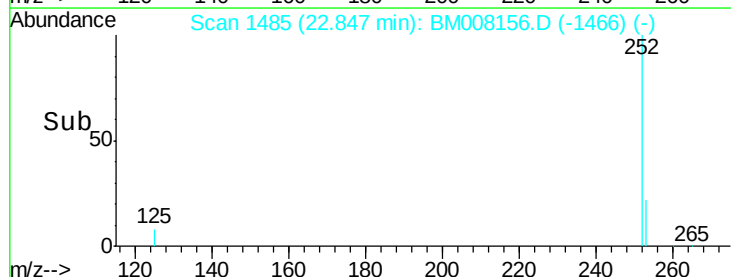
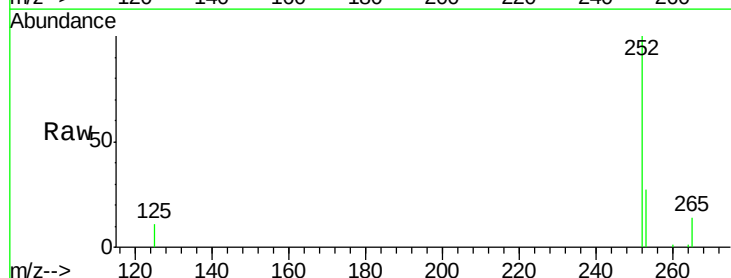
RT: 22.85 min Scan# 1485

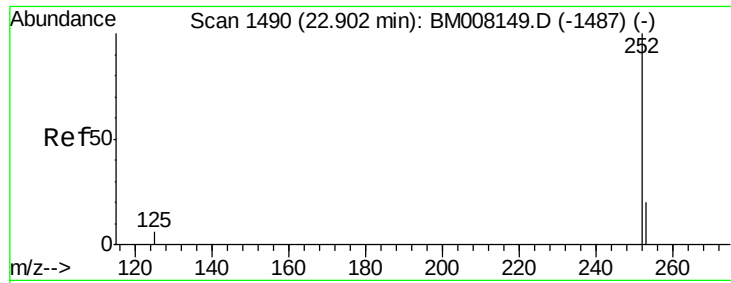
Delta R.T. -0.00 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Tgt Ion:	252	Resp:	9313
Ion Ratio	Lower	Upper	
252	100		
253	26.9	0.0	64.2
125	11.1	0.0	35.0





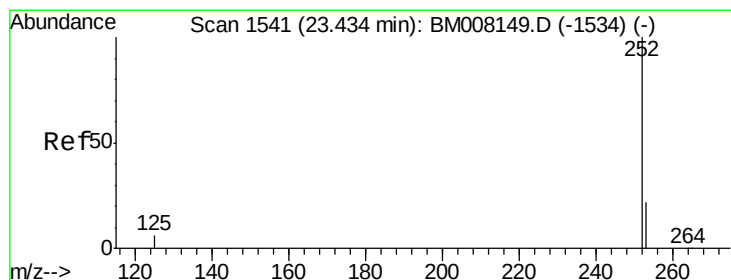
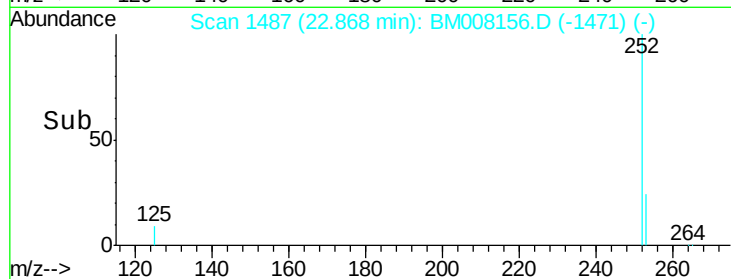
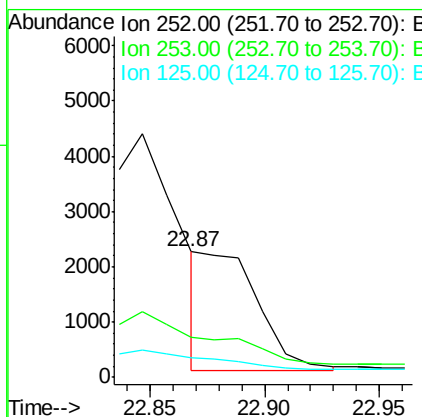
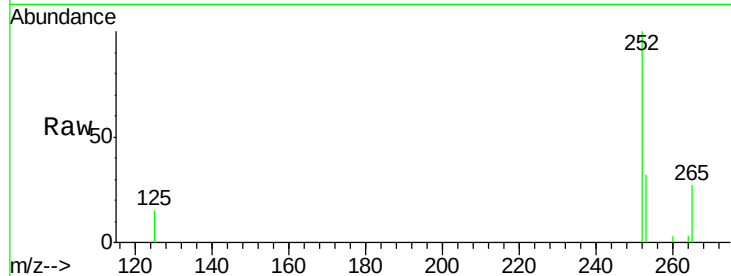
#22
Benzo(k)fluoranthene
Concen: 0.54 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BM008156.D
Acq: 02 Dec 2016 15:04

Instrument :
BNA_M
ClientSampleId :
A4WH6

Tgt Ion:	252	Resp:	3521
Ion Ratio	Lower	Upper	
252	100		
253	31.8	24.5	36.7
125	15.1	13.7	20.5

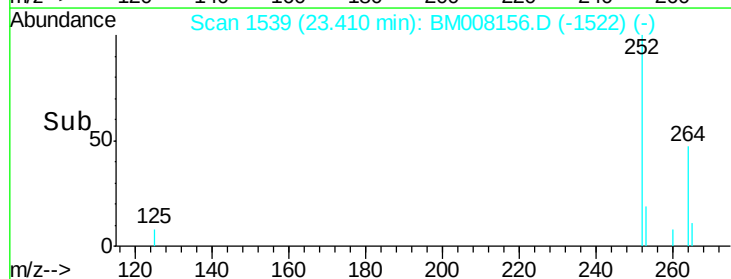
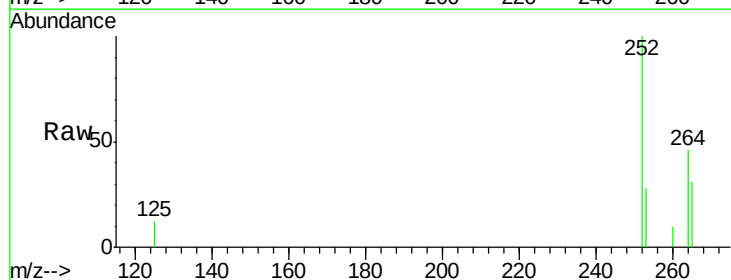
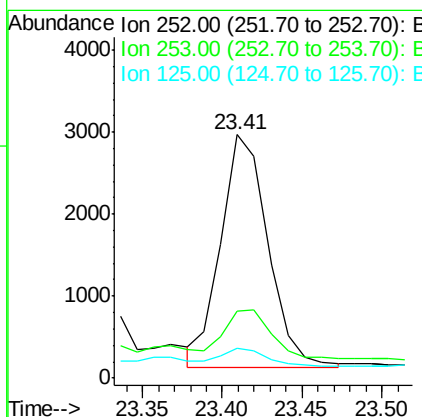
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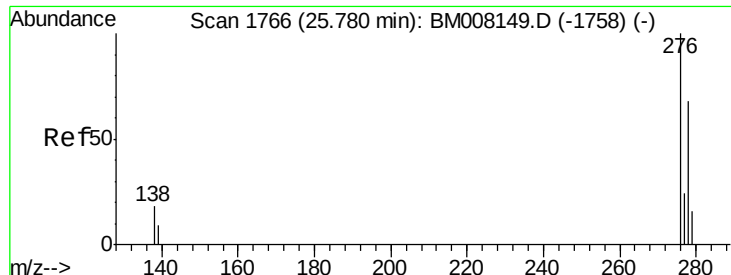
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#23
Benzo(a)pyrene
Concen: 0.98 ng/ul m
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008156.D
Acq: 02 Dec 2016 15:04

Tgt Ion:	252	Resp:	5807
Ion Ratio	Lower	Upper	
252	100		
253	27.8	28.5	42.7#
125	12.4	18.1	27.1#

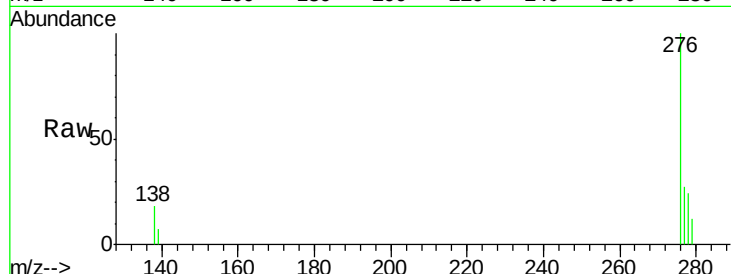




#24

Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM008156.D
Acq: 02 Dec 2016 15:04

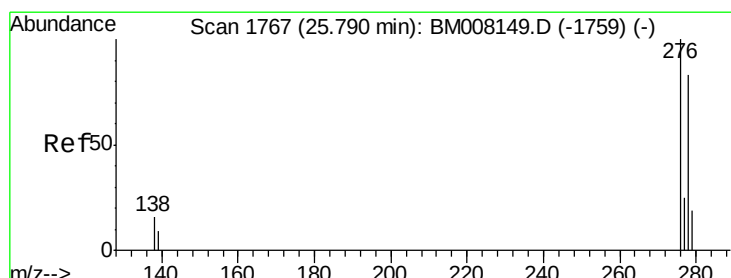
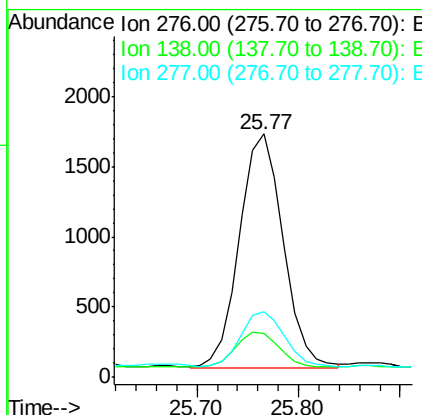
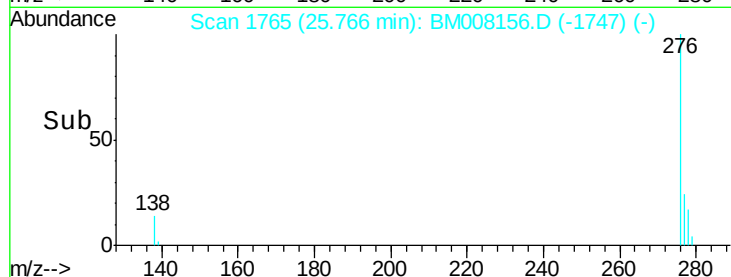
Instrument :
BNA_M
ClientSampleId :
A4WH6



Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	19.1	28.7
277	23.8	19.6	29.4

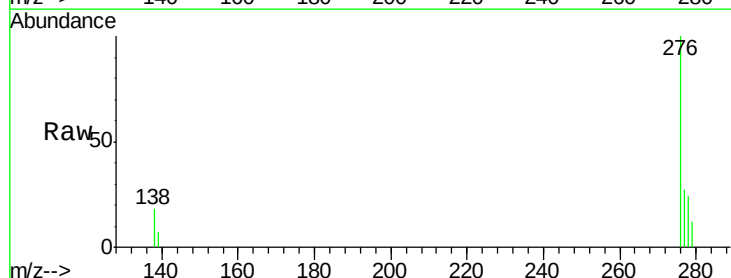
Manual Integrations
APPROVED

sohil
12/5/2016 11:17:31 AM

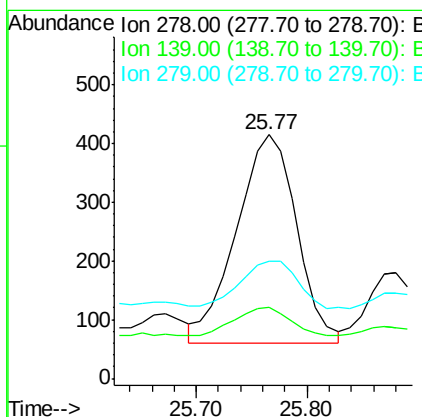
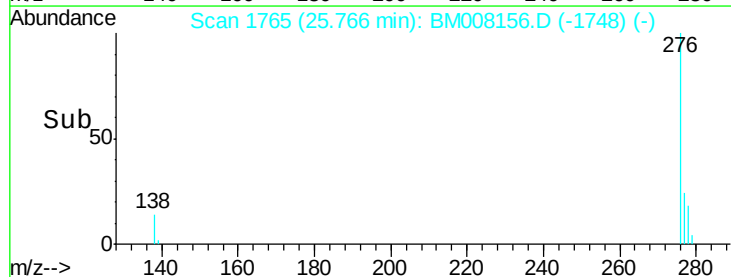


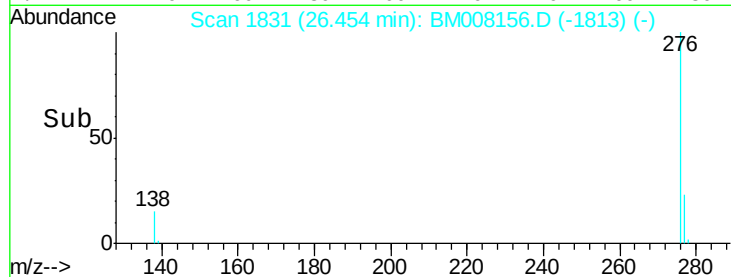
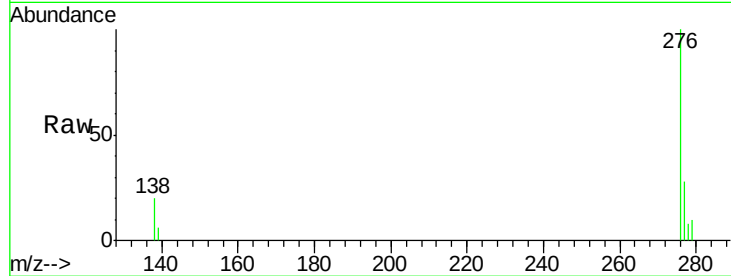
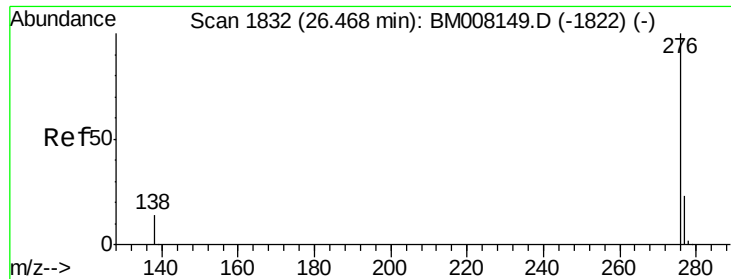
#25

Dibenzo(a,h)anthracene
Concen: 0.23 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008156.D
Acq: 02 Dec 2016 15:04



Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.9	17.4	26.0#
279	48.2	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.56 ng/ul m

RT: 26.45 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM008156.D

Acq: 02 Dec 2016 15:04

Instrument :

BNA_M

ClientSampleId :

A4WH6

Tgt Ion:	276	Resp:	3666
Ion Ratio	Lower	Upper	
276	100		
277	28.2	21.8	32.8
138	20.4	20.5	30.7#

Manual Integrations
APPROVED

sohil
12/5/2016 11:17:31 AM

