

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
 Data File : BM008091.D
 Acq On : 28 Nov 2016 17:57
 Operator : UM/SJ
 Sample : H5701-09DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD7DL

Manual Integrations
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UMANGI
 11/29/2016 2:22:41 PM

Quant Time: Nov 29 09:41:04 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:11:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	679	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2349	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2562	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	3046	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	2636	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	152	0.05	ng/ul	0.01
14) Fluoranthene-d10	19.14	212	560	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.54	128	1980	0.30	ng/ul	96
5) 2-Methylnaphthalene	12.17	142	508	0.12	ng/ul	100
7) Acenaphthylene	14.06	152	748	0.12	ng/ul#	82
8) Acenaphthene	14.40	153	1517	0.32	ng/ul	91
9) Fluorene	15.41	166	2011	0.37	ng/ul	99
12) Phenanthrene	17.14	178	21701m	2.72	ng/ul	
13) Anthracene	17.23	178	5887	0.79	ng/ul	96
15) Fluoranthene	19.16	202	28238	2.74	ng/ul	94
17) Pyrene	19.52	202	24487	2.32	ng/ul	97
18) Benzo(a)anthracene	21.28	228	13227	1.41	ng/ul#	95
19) Chrysene	21.33	228	11246m	0.97	ng/ul	
21) Benzo(b)fluoranthene	22.86	252	14723m	1.40	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	3881m	0.36	ng/ul	
23) Benzo(a)pyrene	23.43	252	10114	1.03	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.79	276	6141	0.50	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.79	278	1690	0.17	ng/ul#	26
26) Benzo(a,h,i)perylene	26.48	276	5201	0.48	ng/ul#	88

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

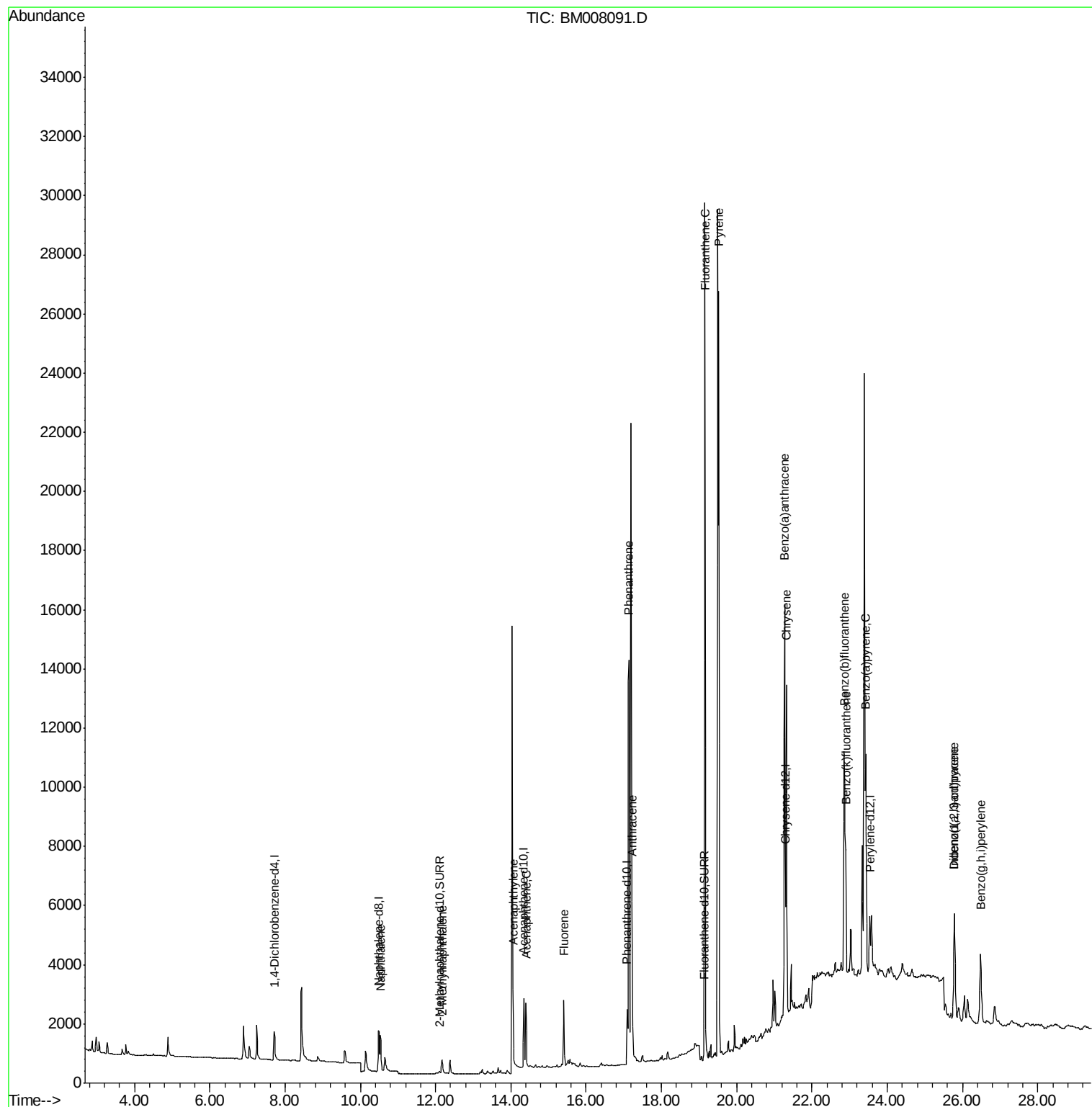
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

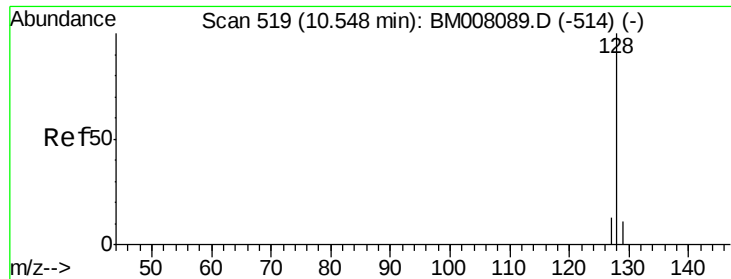
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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#3

Naphthalene

Concen: 0.30 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.01 min

Lab File: BM008091.D

Acq: 28 Nov 2016 17:57

Instrument :

BNA_M

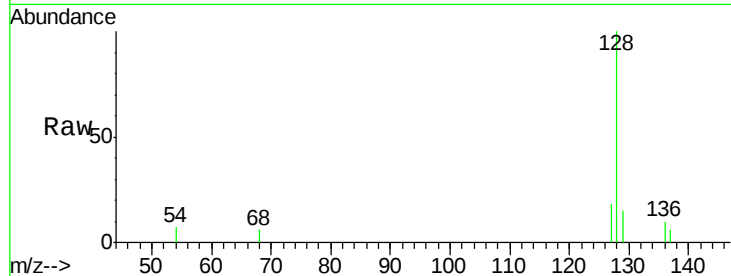
ClientSampleId :

A4WD7DL

Tot Ion:	128	Resp:	1980
Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.3	16.9
127	18.0	12.8	19.2

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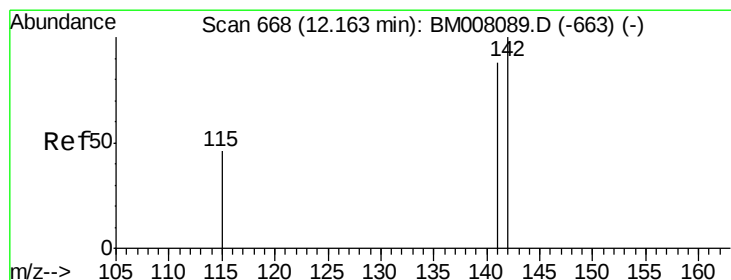
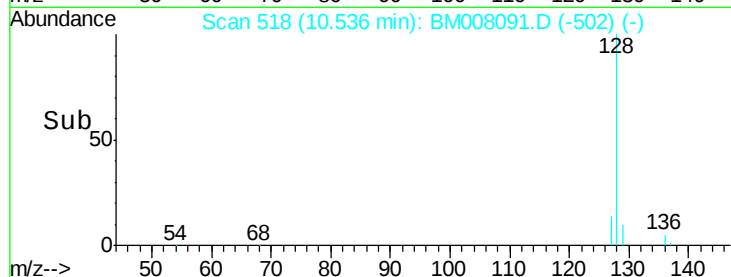
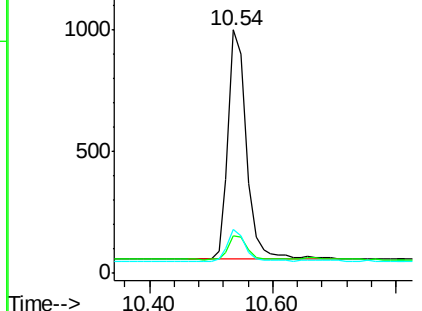
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.12 ng/ul

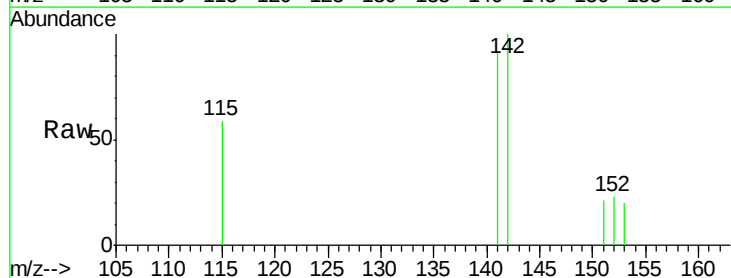
RT: 12.17 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM008091.D

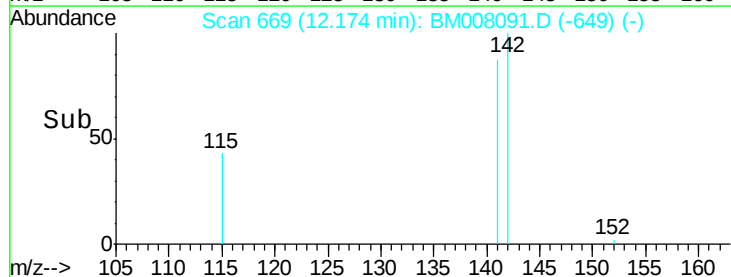
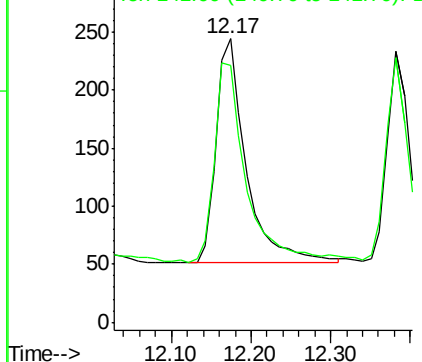
Acq: 28 Nov 2016 17:57

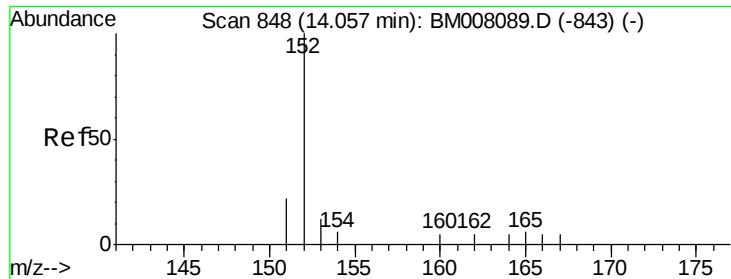
Tgt Ion:	142	Resp:	508
Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: BM008091.D

Acq: 28 Nov 2016 17:57

Instrument :

BNA_M

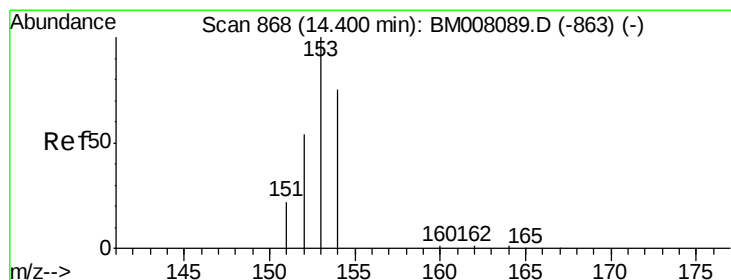
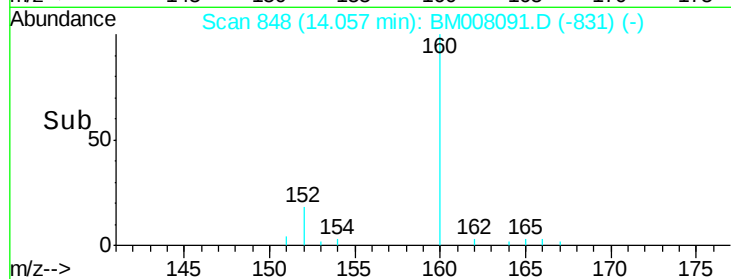
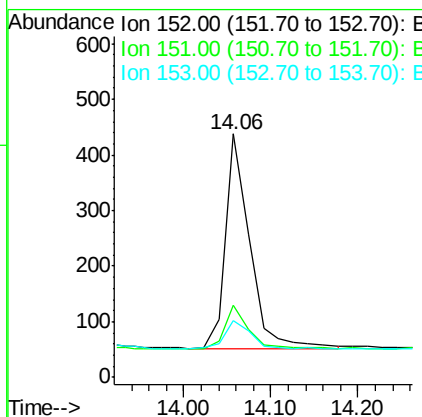
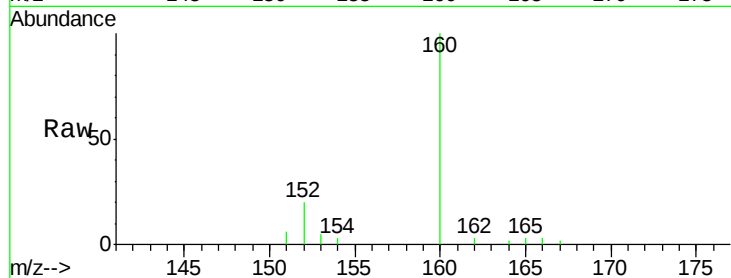
ClientSampleId :

A4WD7DL

Tot Ion:	152	Resp:	748
Ion Ratio	Lower	Upper	
152	100		
151	29.7	17.1	25.7#
153	23.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.32 ng/ul

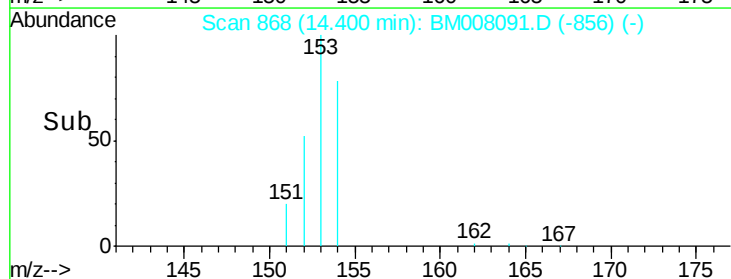
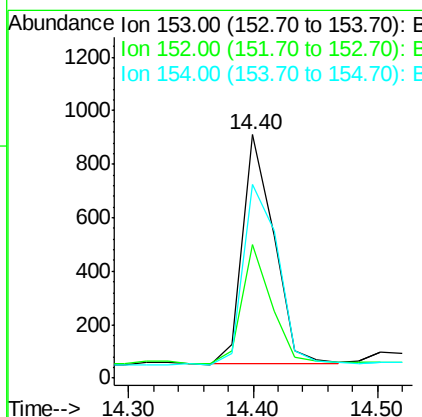
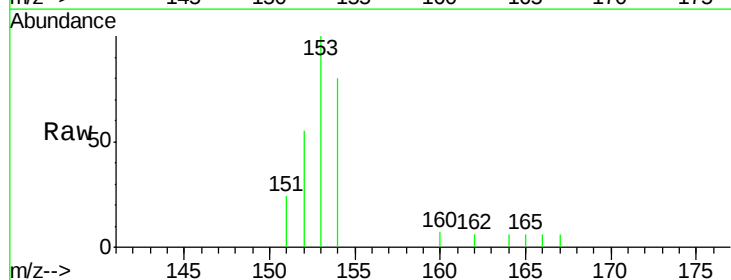
RT: 14.40 min Scan# 868

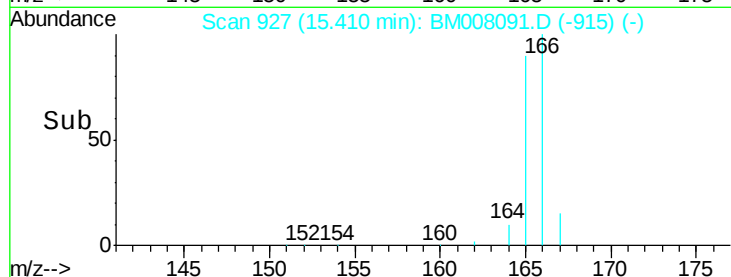
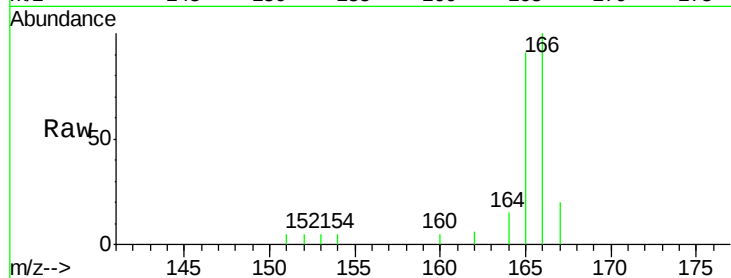
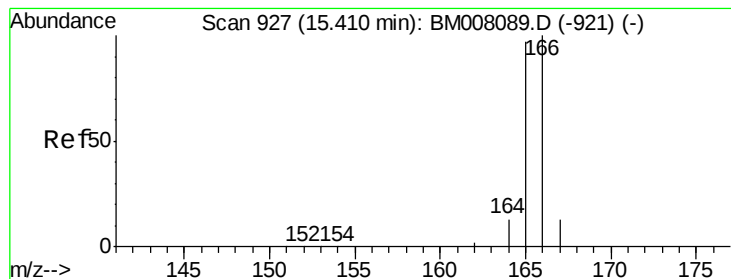
Delta R.T. -0.00 min

Lab File: BM008091.D

Acq: 28 Nov 2016 17:57

Tgt Ion:	153	Resp:	1517
Ion Ratio	Lower	Upper	
153	100		
152	54.9	40.3	60.5
154	79.6	71.4	107.2





#9

Fluorene

Concen: 0.37 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM008091.D

Acq: 28 Nov 2016 17:57

Tot Ion	166	Resp	2011
Ion	Ratio	Lower	Upper
166	100		
165	91.3	73.4	110.2
167	19.5	14.6	22.0

Instrument :

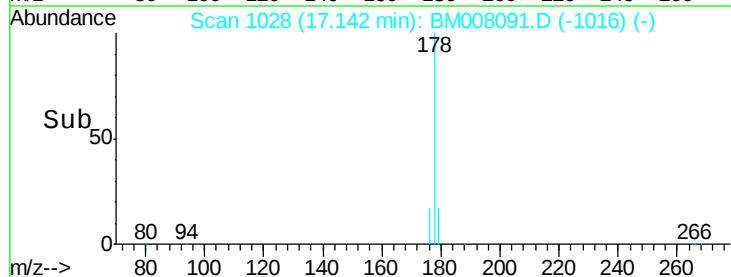
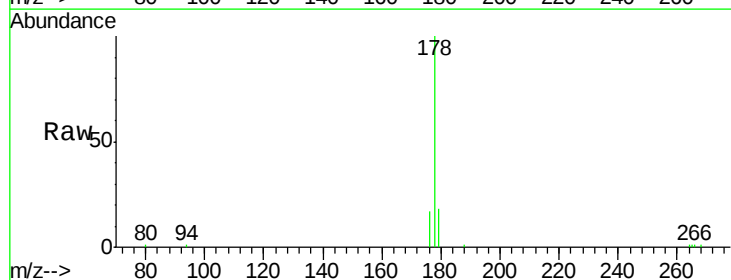
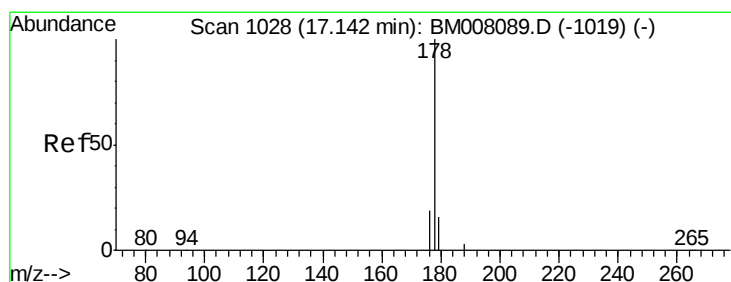
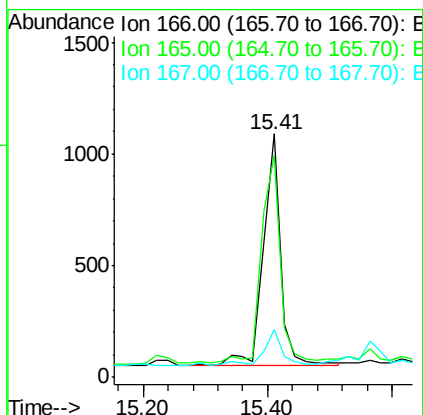
BNA_M

ClientSampleId :

A4WD7DL

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#12

Phenanthrene

Concen: 2.72 ng/ul m

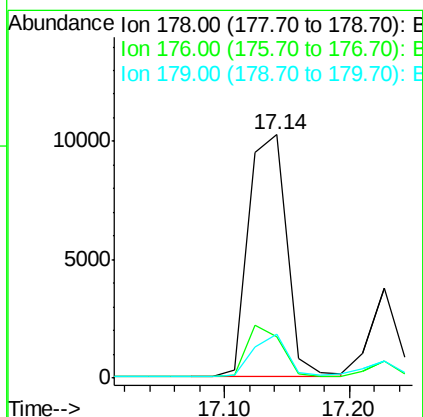
RT: 17.14 min Scan# 1028

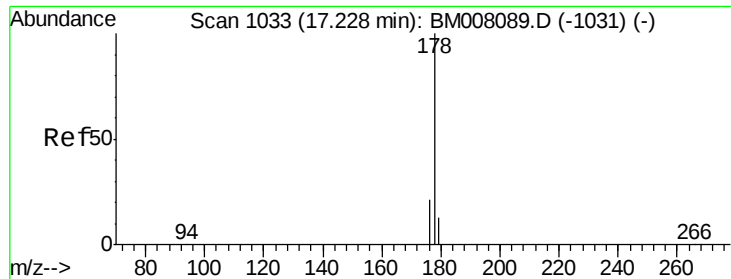
Delta R.T. -0.00 min

Lab File: BM008091.D

Acq: 28 Nov 2016 17:57

Tgt Ion	178	Resp	21701
Ion	Ratio	Lower	Upper
178	100		
176	17.0	18.4	27.6#
179	17.8	13.6	20.4





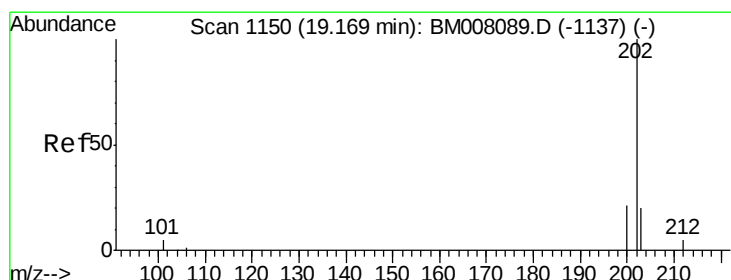
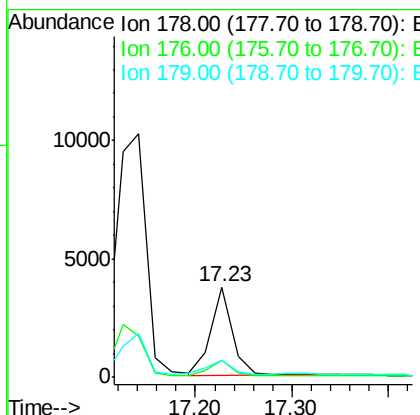
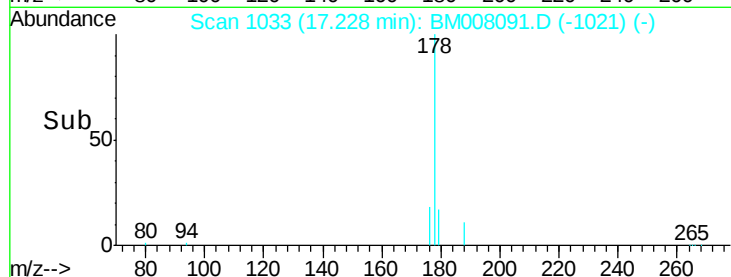
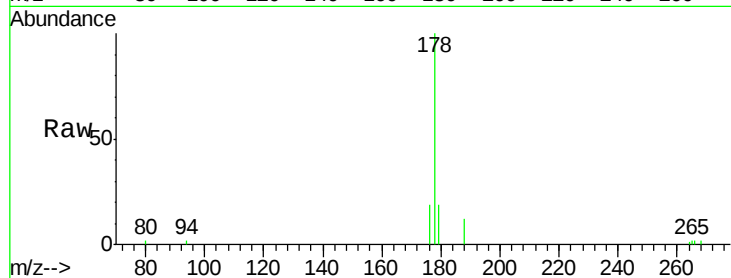
#13
 Anthracene
 Concen: 0.79 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM008091.D
 Acq: 28 Nov 2016 17:57

Instrument :
 BNA_M
 ClientSampleId :
 A4WD7DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	19.0	14.7	22.1

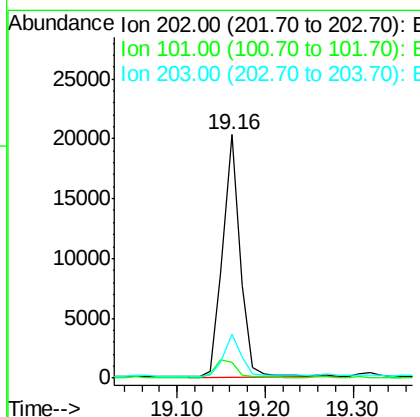
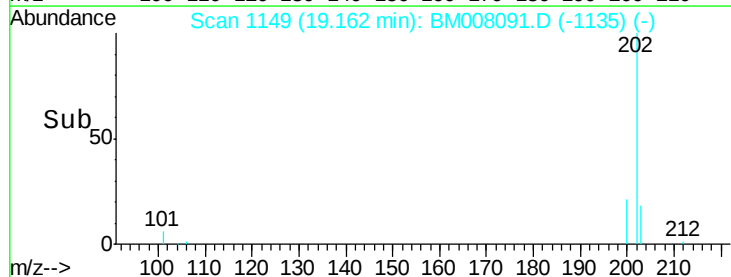
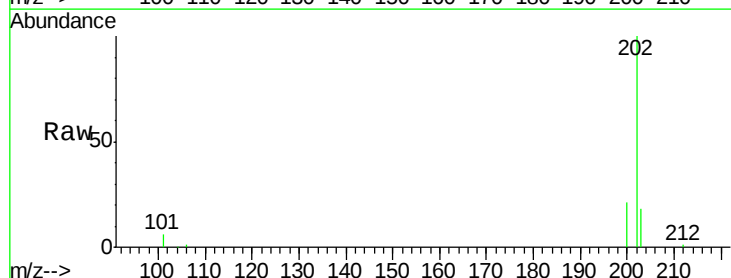
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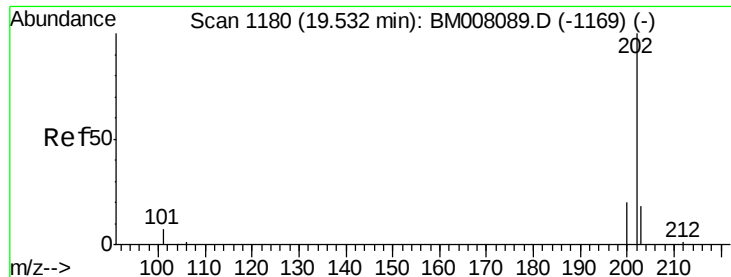
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#15
 Fluoranthene
 Concen: 2.74 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008091.D
 Acq: 28 Nov 2016 17:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	30.3
203	17.8	0.0	39.5





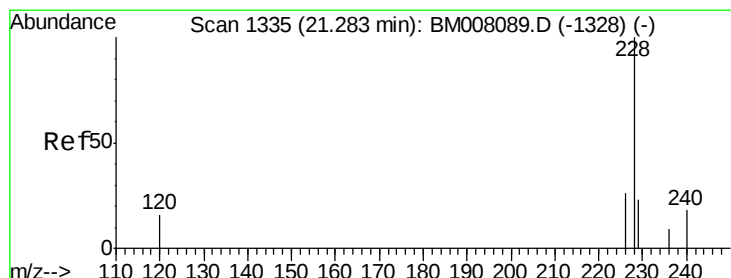
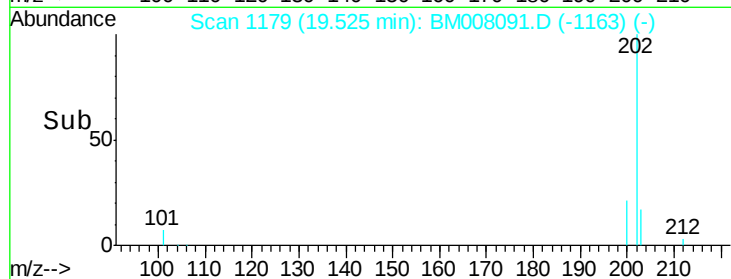
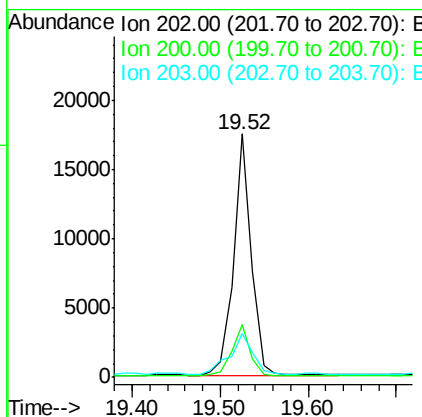
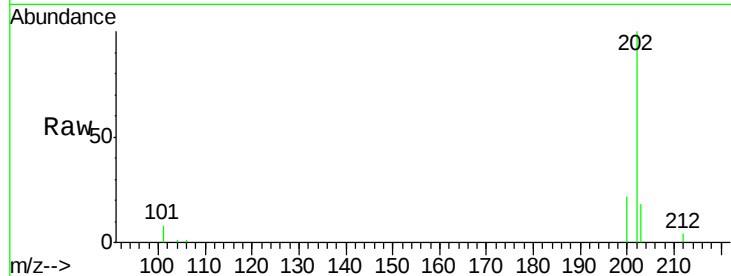
#17
Pvrene
Concen: 2.32 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.2	27.4
203	18.1	15.6	23.4

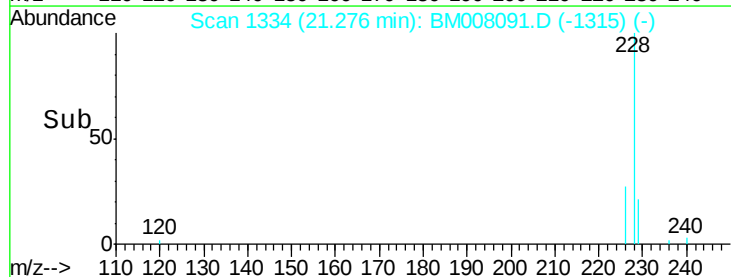
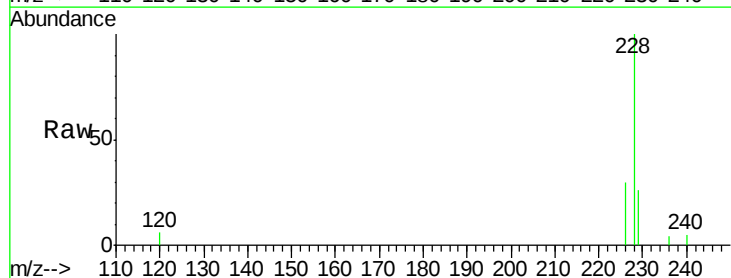
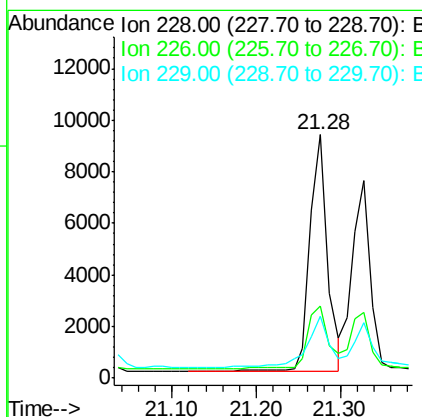
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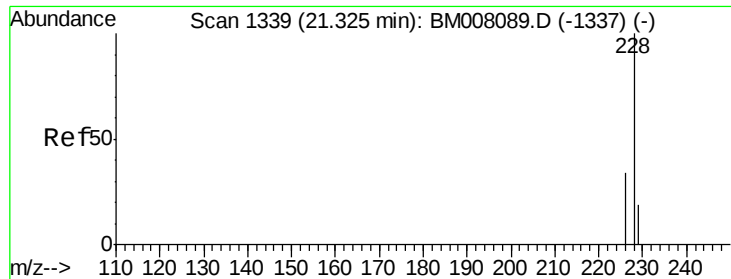
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#18
Benzo(a)anthracene
Concen: 1.41 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.8	34.2
229	25.6	17.0	25.6#





#19

Chrysene

Concen: 0.97 ng/ul m

RT: 21.33 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM008091.D

Acq: 28 Nov 2016 17:57

Instrument :

BNA_M

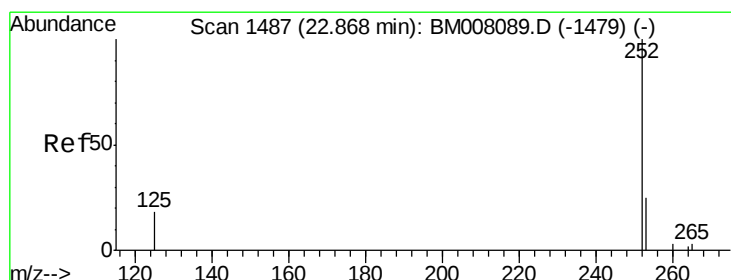
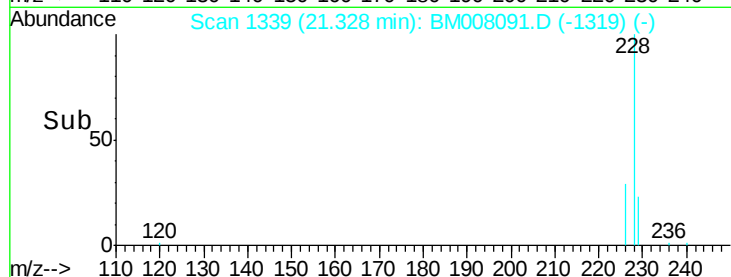
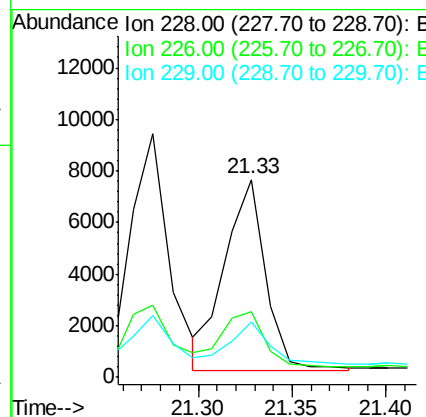
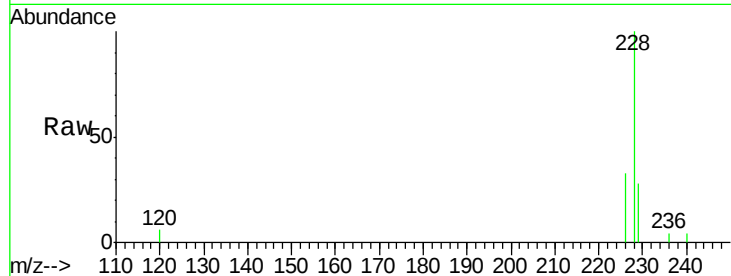
ClientSampleID :

A4WD7DL

Tot Ion:	228	Resp:	11246
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.4	35.0
229	27.7	17.7	26.5#

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 1.40 ng/ul m

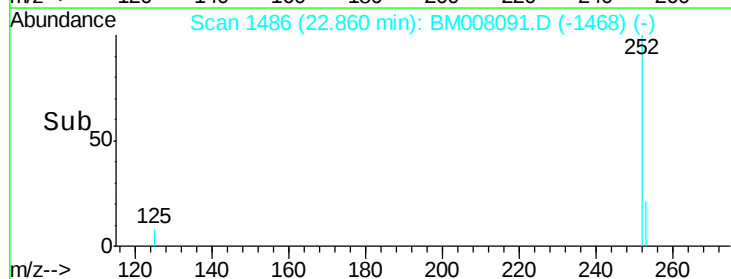
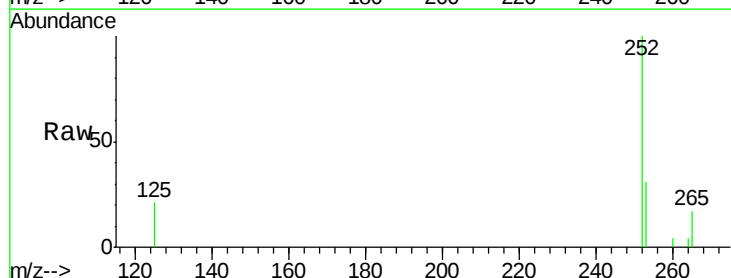
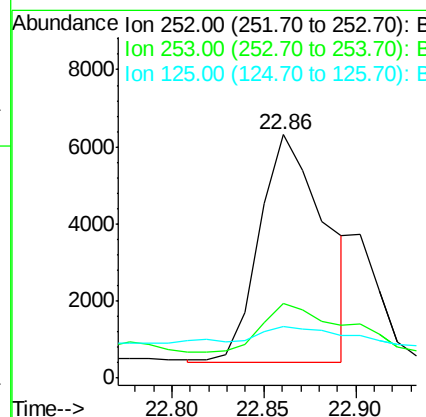
RT: 22.86 min Scan# 1486

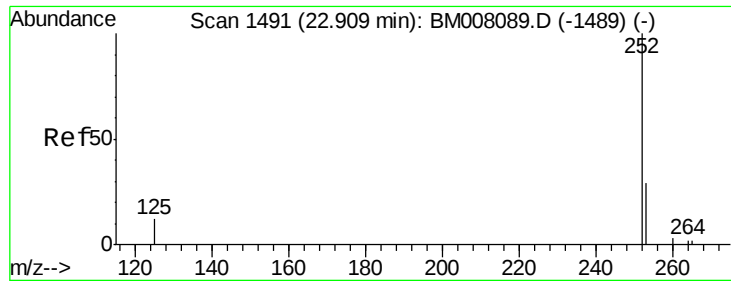
Delta R.T. -0.01 min

Lab File: BM008091.D

Acq: 28 Nov 2016 17:57

Tgt Ion:	252	Resp:	14723
Ion Ratio	Lower	Upper	
252	100		
253	30.6	0.0	64.2
125	21.2	0.0	35.0





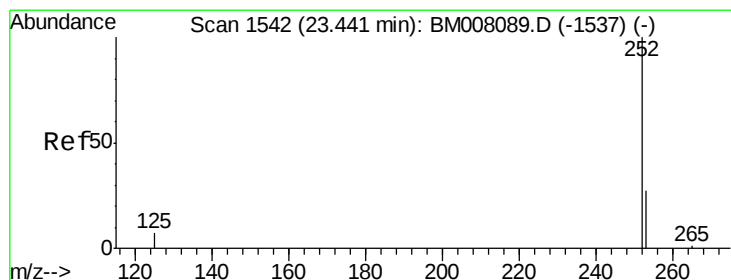
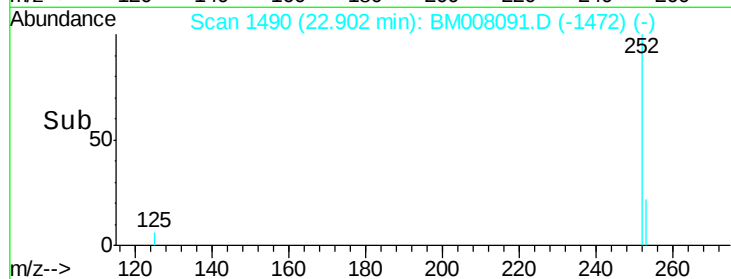
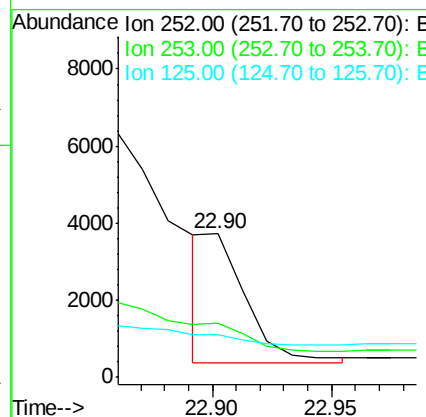
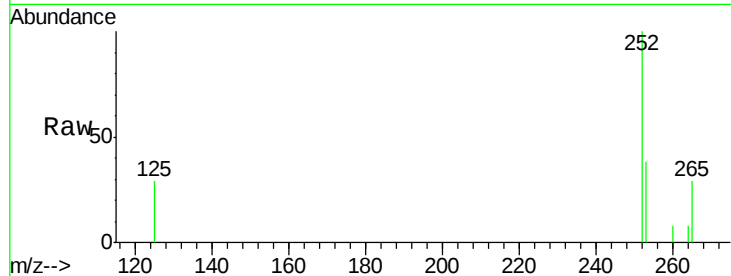
#22
Benzo(k)fluoranthene
Concen: 0.36 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.7	24.5	36.7#
125	29.3	13.7	20.5#

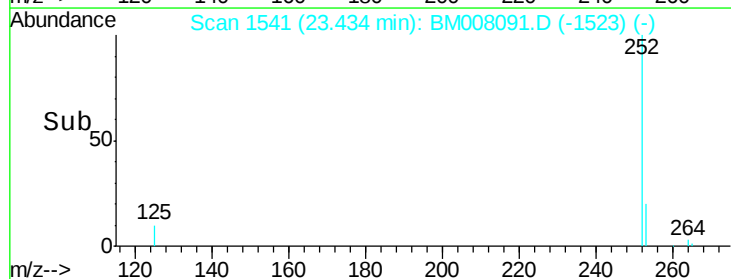
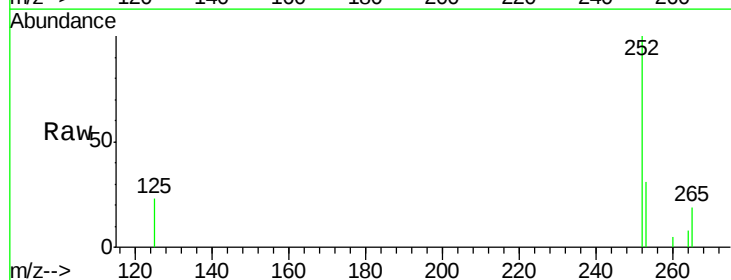
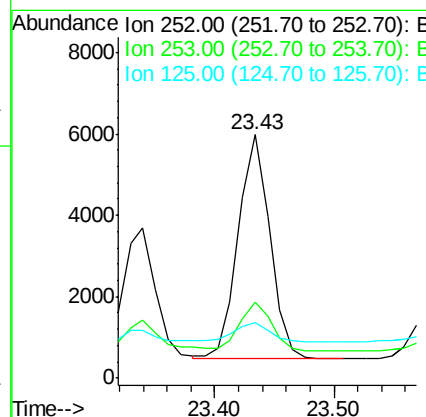
Manual Integrations
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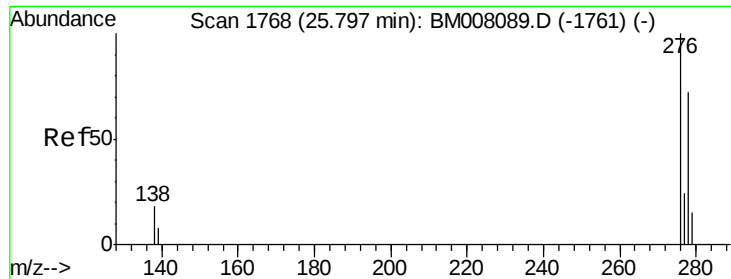
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#23
Benzo(a)pyrene
Concen: 1.03 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	28.5	42.7
125	22.6	18.1	27.1





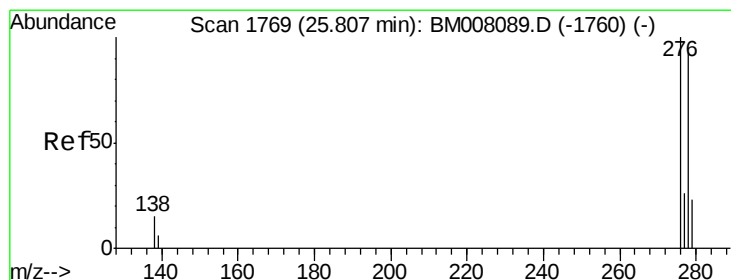
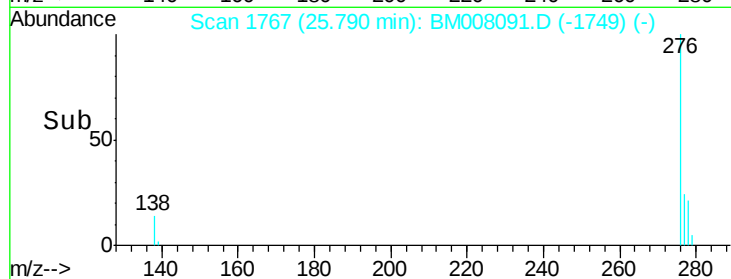
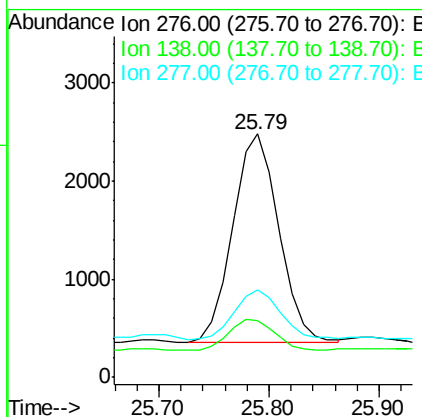
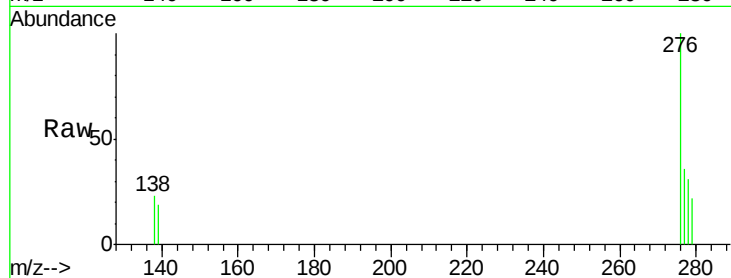
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.50 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	19.1	28.7#
277	24.1	19.6	29.4

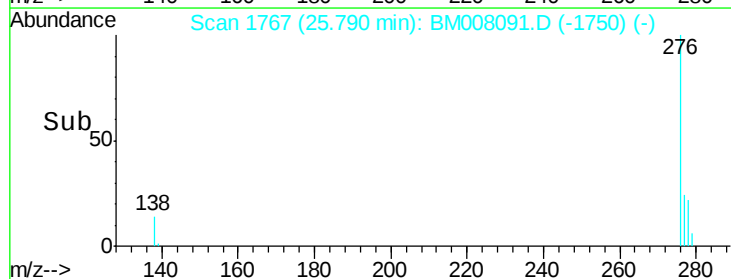
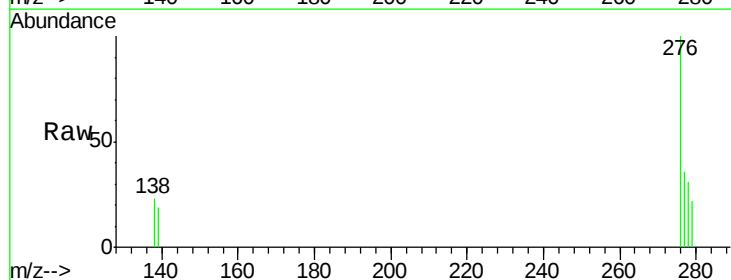
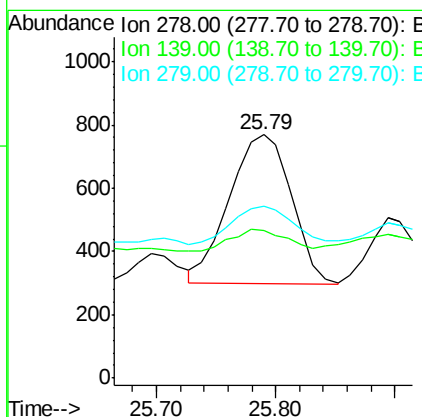
Manual Integrations
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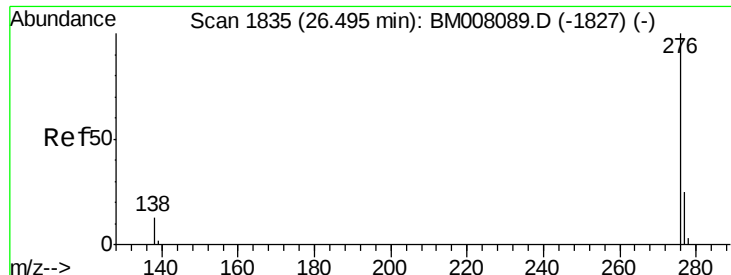
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#25
Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	60.5	17.4	26.0#
279	70.9	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 0.48 ng/ul
 RT: 26.48 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM008091.D
 Acq: 28 Nov 2016 17:57

Instrument :
 BNA_M
 ClientSampleId :
 A4WD7DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	38.0	21.8	32.8#
138	26.6	20.5	30.7

Manual Integrations
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