

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002353.D
 Acq On : 12 Aug 2015 10:05
 Operator : UM/IZ
 Sample : G3162-17DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C84DL

Manual Integrations
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 8/12/2015 2:36:17 PM

Quant Time: Aug 12 11:28:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 11:23:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	213525	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	964598	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	492074	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	964011	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	685484	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	603342	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	144849	2.84	ng/ul	0.00
10) Fluorene-d10	16.45	176	100759	2.84	ng/ul	0.00
14) Anthracene-d10	18.29	188	136490	2.92	ng/ul	0.00
18) Pyrene-d10	20.51	212	116558	3.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	80903	2.53	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	11.82	128	75146	1.48	ng/ul	100
9) Acenaphthene	15.54	153	89181	2.51	ng/ul	99
11) Fluorene	16.51	166	101733	2.54	ng/ul	100
13) Phenanthrene	18.23	178	1245947	22.46	ng/ul	100
15) Anthracene	18.32	178	370318	6.46	ng/ul	99
16) Fluoranthene	20.18	202	1793014	29.19	ng/ul	99
19) Pyrene	20.54	202	1372957	30.98	ng/ul	98
20) Benzo(a)anthracene	22.27	228	1029141	24.59	ng/ul	98
21) Chrysene	22.33	228	877015m	22.12	ng/ul	
23) Benzo(b)fluoranthene	24.14	252	1156864	30.85	ng/ul	99
24) Benzo(k)fluoranthene	24.20	252	358873m	9.96	ng/ul	
26) Benzo(a)pyrene	24.86	252	807732	22.51	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.82	276	485938	11.81	ng/ul	94
28) Dibenzo(a,h)anthracene	27.83	278	162384	4.66	ng/ul#	87
29) Benzo(g,h,i)perylene	28.71	276	416577	12.00	ng/ul	99

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

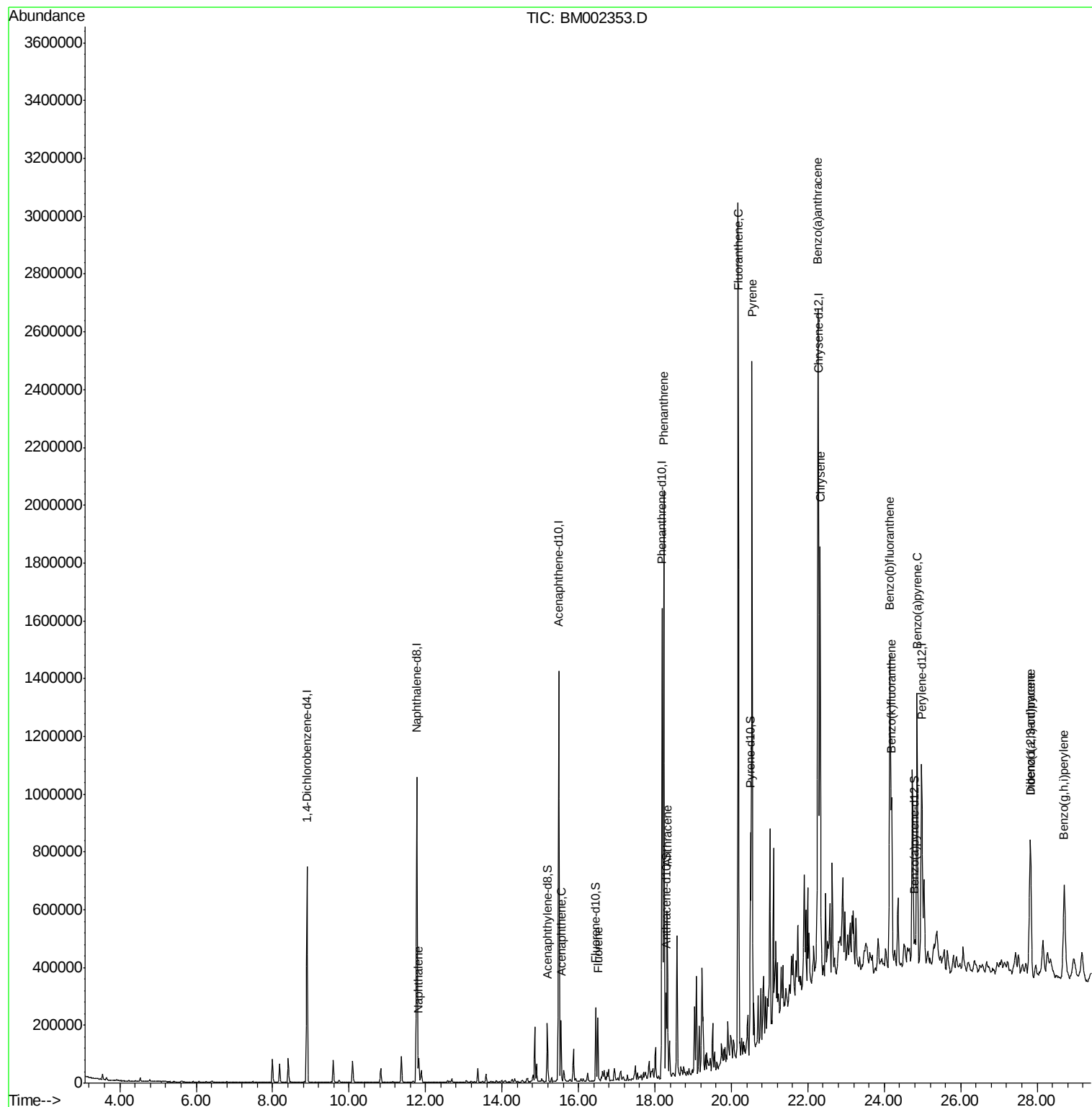
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002353.D
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Sample : G3162-17DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

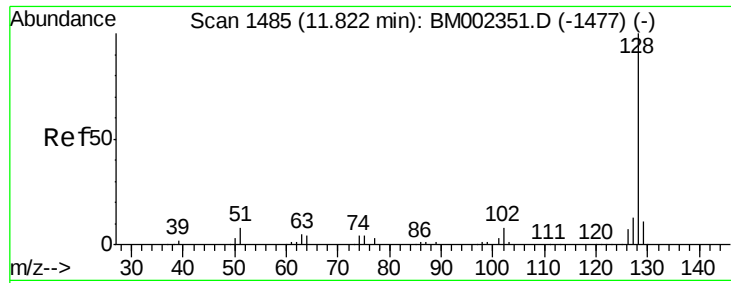
Instrument :
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Quant Time: Aug 12 11:28:35 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 11:23:49 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.48 ng/ul

RT: 11.82 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM002353.D

Acq: 12 Aug 2015 10:05

Instrument :

BNA_M

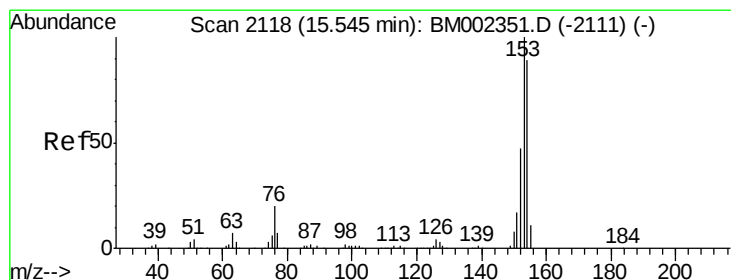
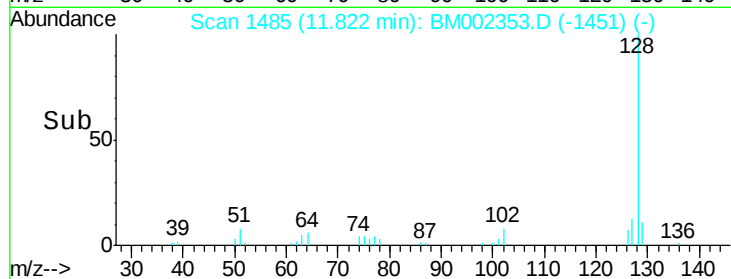
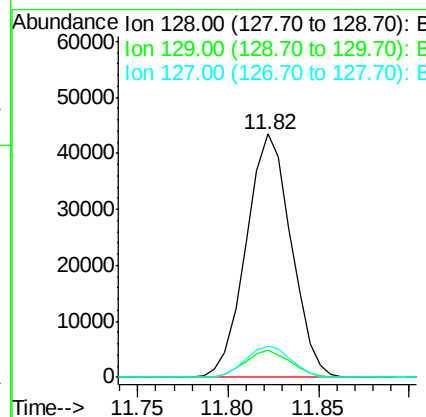
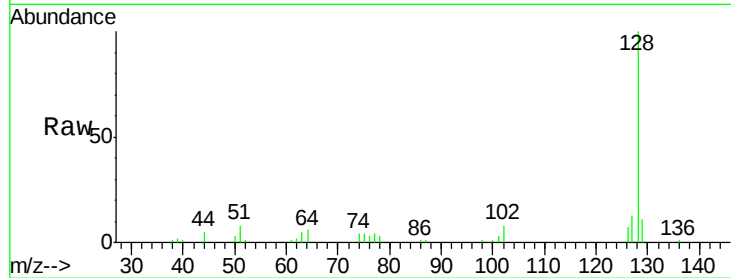
ClientSampleId :

D9C84DL

Manual Integrations
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Tot Ion:	128	Resp:	75146
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	13.0	10.4	15.6



#9

Acenaphthene

Concen: 2.51 ng/ul

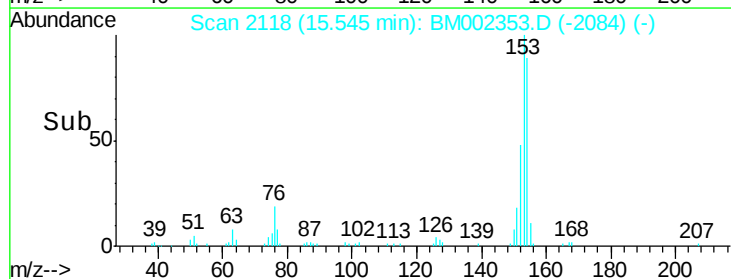
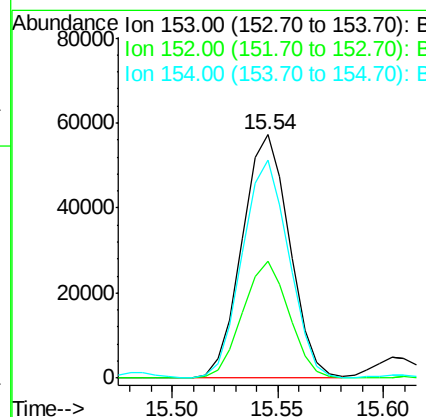
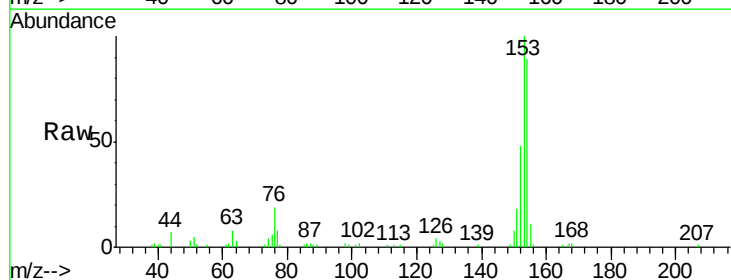
RT: 15.54 min Scan# 2118

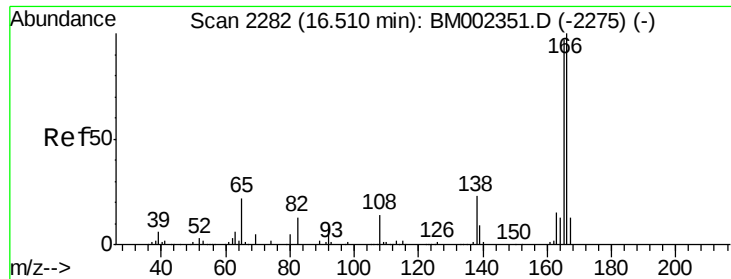
Delta R.T. -0.00 min

Lab File: BM002353.D

Acq: 12 Aug 2015 10:05

Tgt Ion:	153	Resp:	89181
Ion Ratio	Lower	Upper	
153	100		
152	47.9	36.6	55.0
154	89.4	71.5	107.3





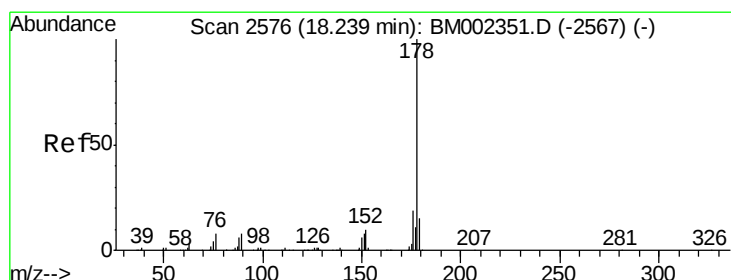
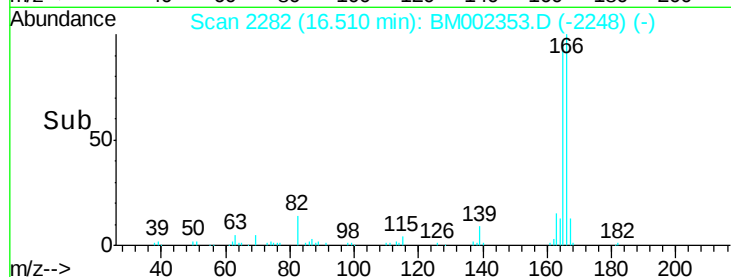
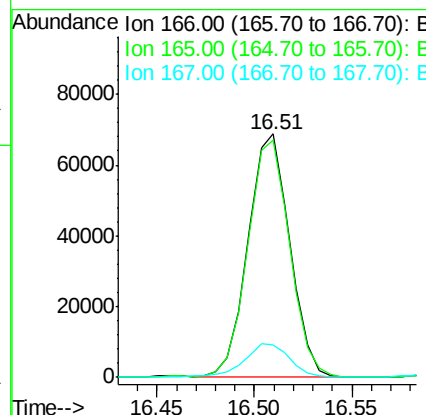
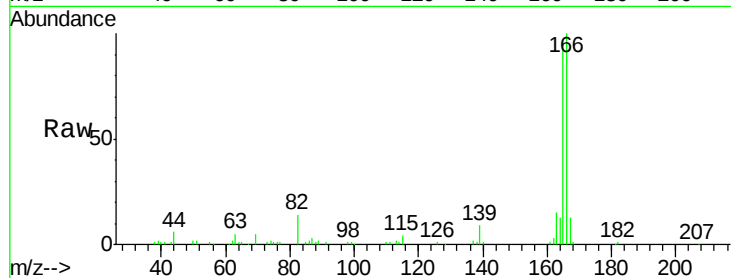
#11
Fluorene
 Concen: 2.54 ng/ul
 RT: 16.51 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BM002353.D
 Acq: 12 Aug 2015 10:05

Instrument :
 BNA_M
 ClientSampleID :
 D9C84DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	101733		
165	97.3	77.5	116.3	
167	13.4	10.4	15.6	

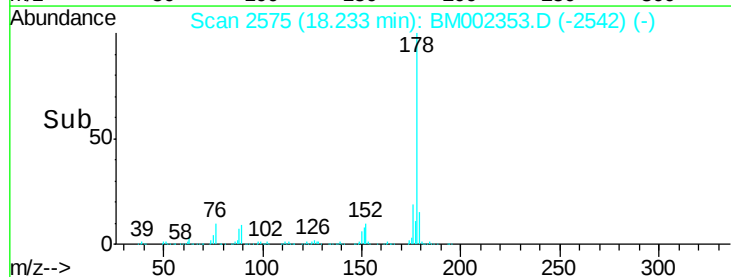
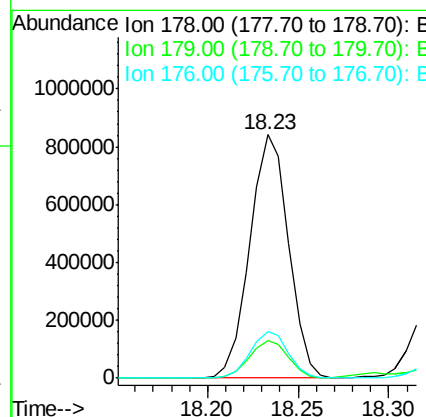
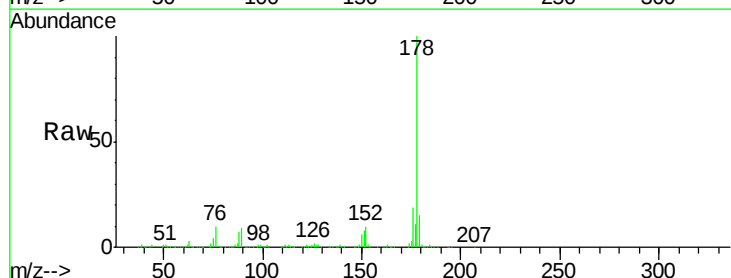
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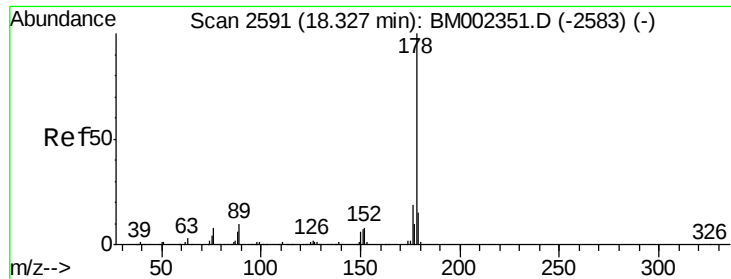
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#13
Phenanthrene
 Concen: 22.46 ng/ul
 RT: 18.23 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BM002353.D
 Acq: 12 Aug 2015 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1245947		
179	15.5	12.3	18.5	
176	18.9	15.3	22.9	





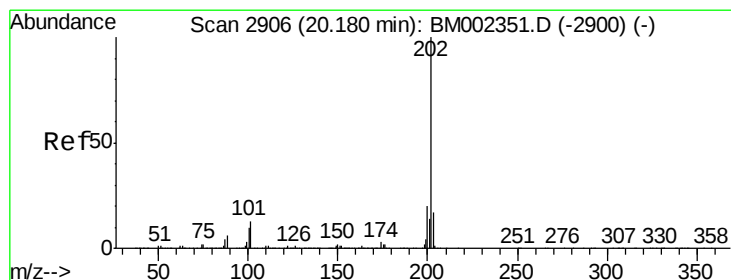
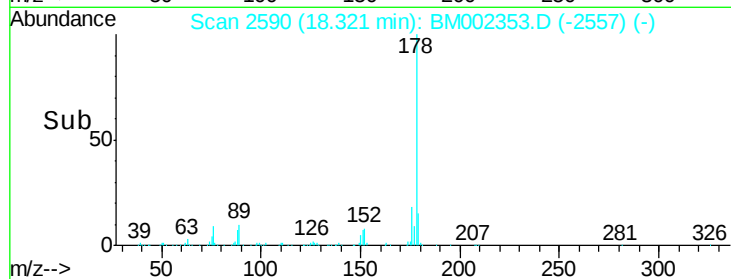
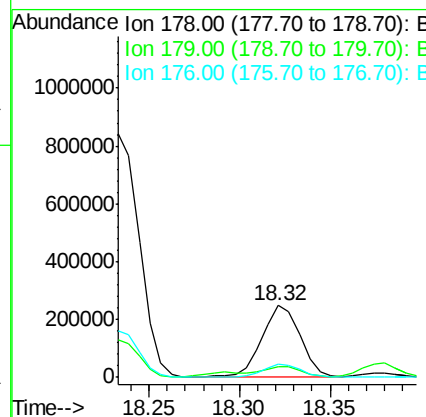
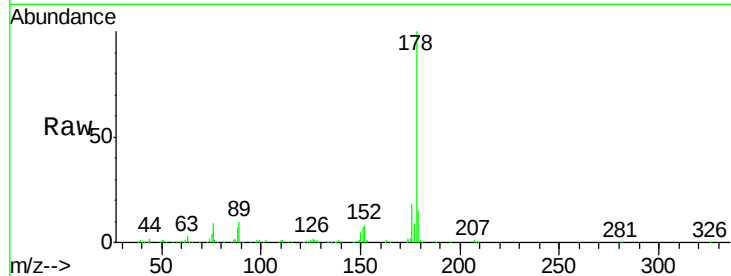
#15
 Anthracene
 Concen: 6.46 ng/ul
 RT: 18.32 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BM002353.D
 Acq: 12 Aug 2015 10:05

Instrument :
 BNA_M
 ClientSampleId :
 D9C84DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	17.8	14.5	21.7

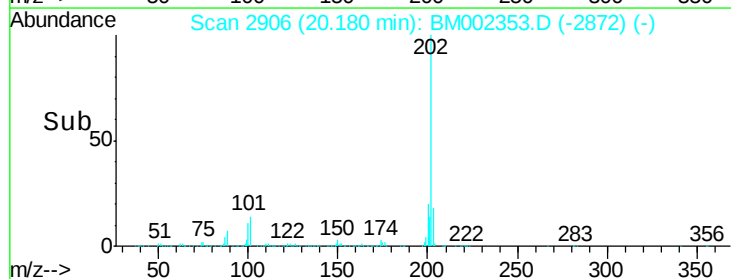
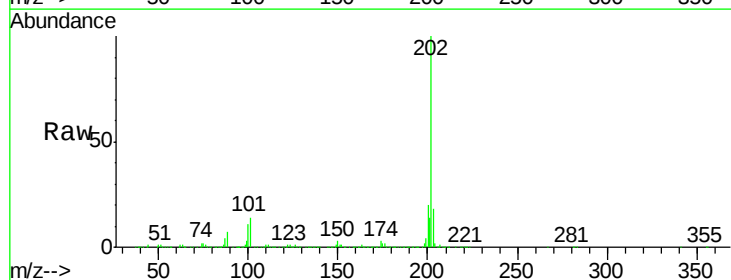
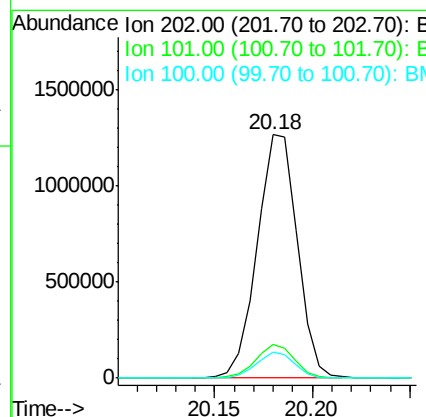
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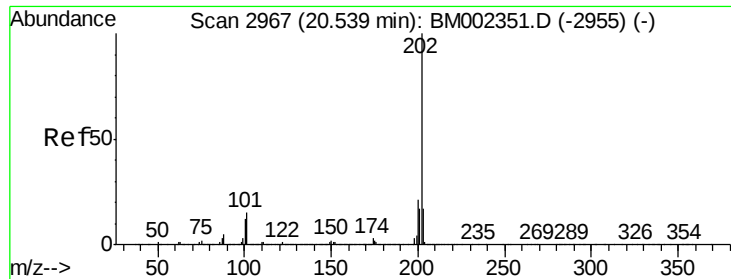
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#16
 Fluoranthene
 Concen: 29.19 ng/ul
 RT: 20.18 min Scan# 2906
 Delta R.T. -0.00 min
 Lab File: BM002353.D
 Acq: 12 Aug 2015 10:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	15.8
100	10.6	8.2	12.4





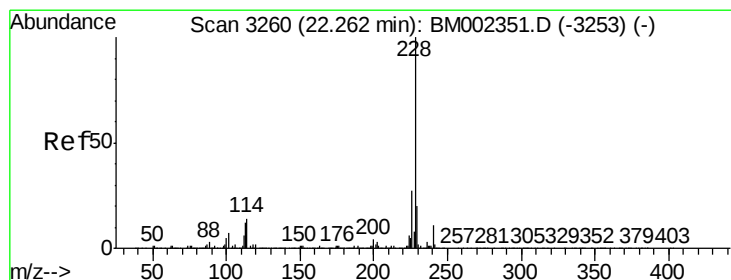
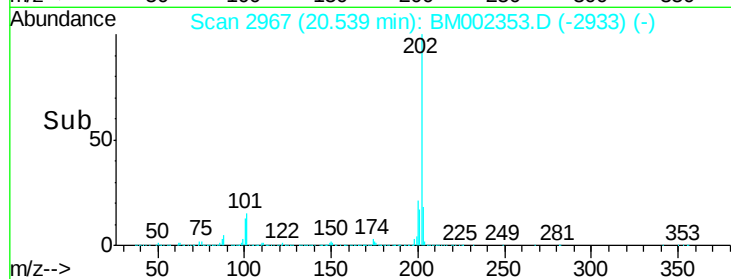
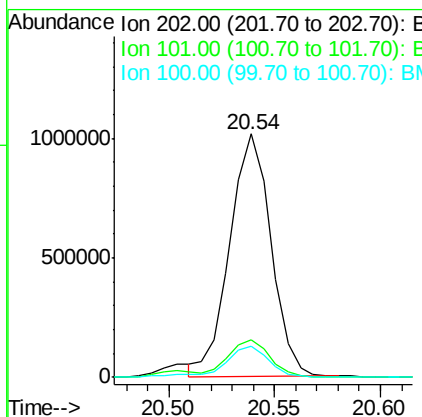
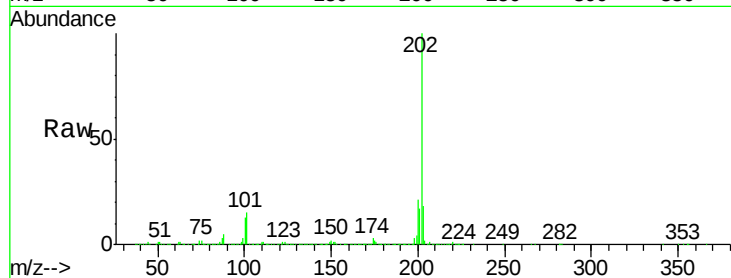
#19
Pvrene
Concen: 30.98 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BM002353.D
Acq: 12 Aug 2015 10:05

Instrument :
BNA_M
ClientSampleId :
D9C84DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	13.0	19.6
100	12.6	11.0	16.4

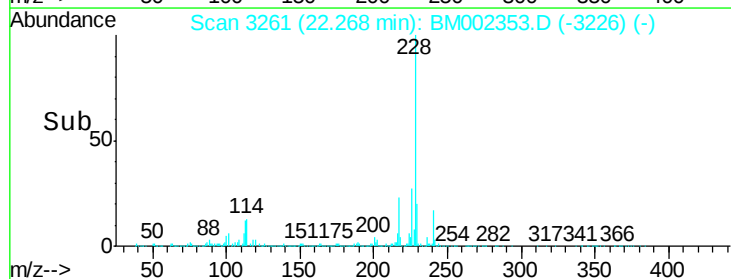
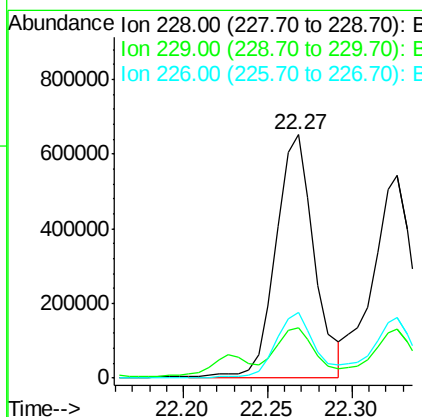
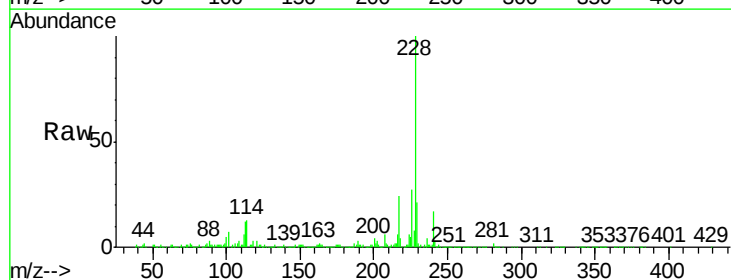
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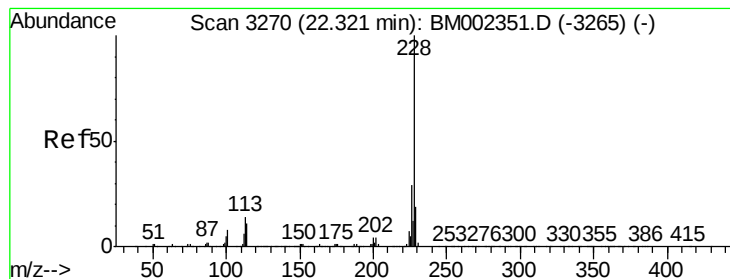
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#20
Benzo(a)anthracene
Concen: 24.59 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002353.D
Acq: 12 Aug 2015 10:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.0	21.4	32.0





#21

Chrysene

Concen: 22.12 ng/ul m

RT: 22.33 min Scan# 3271

Delta R.T. 0.01 min

Lab File: BM002353.D

Acq: 12 Aug 2015 10:05

Instrument :

BNA_M

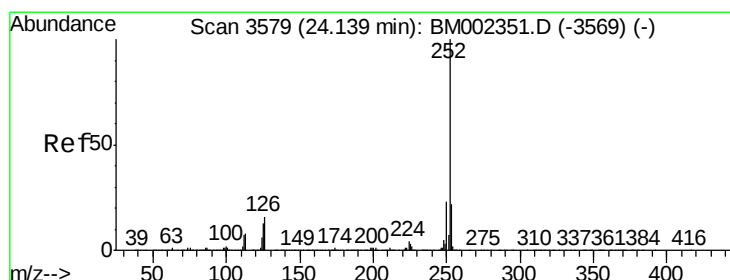
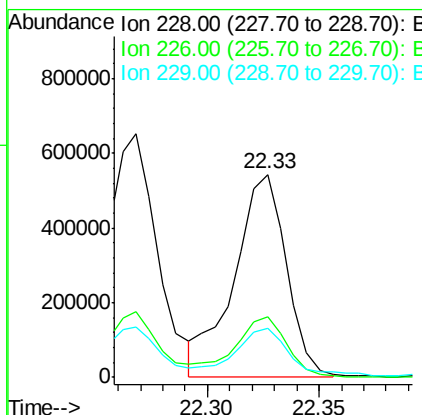
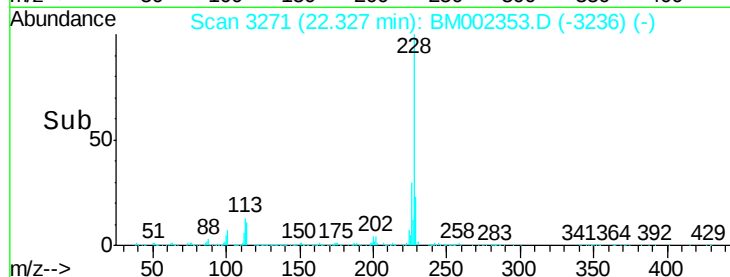
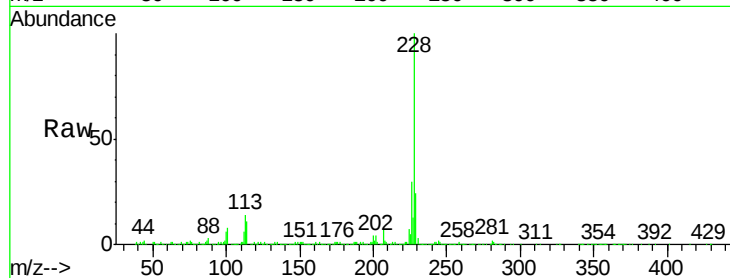
ClientSampleId :

D9C84DL

Tot Ion:	228	Resp:	877015
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	23.9	15.5	23.3#

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#23

Benzo(b)fluoranthene

Concen: 30.85 ng/ul

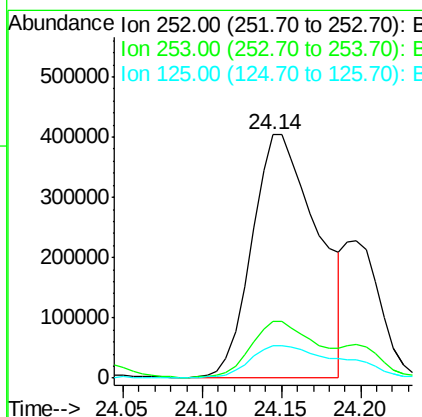
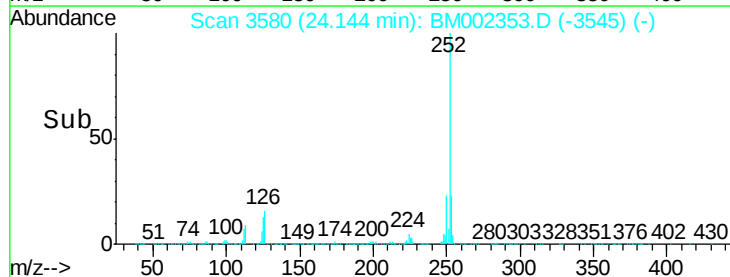
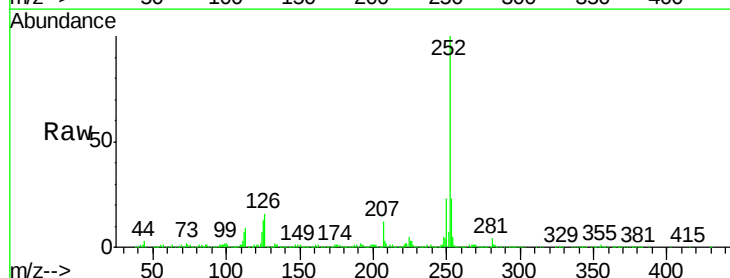
RT: 24.14 min Scan# 3580

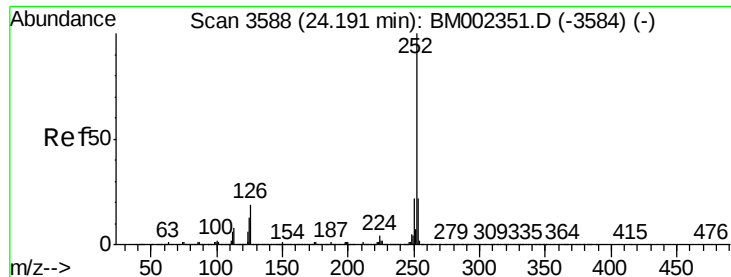
Delta R.T. 0.01 min

Lab File: BM002353.D

Acq: 12 Aug 2015 10:05

Tgt Ion:	252	Resp:	1156864
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	13.4	10.3	15.5





#24

Benzo(k)fluoranthene

Concen: 9.96 ng/ul m

RT: 24.20 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BM002353.D

Acq: 12 Aug 2015 10:05

Instrument :

BNA_M

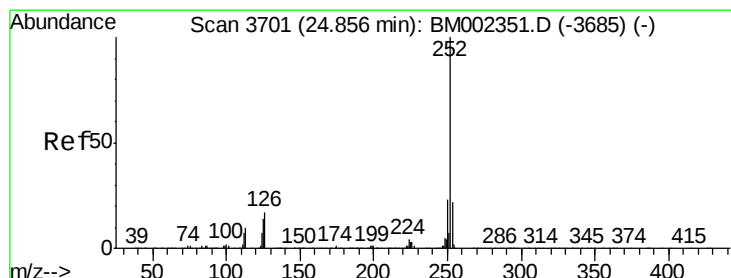
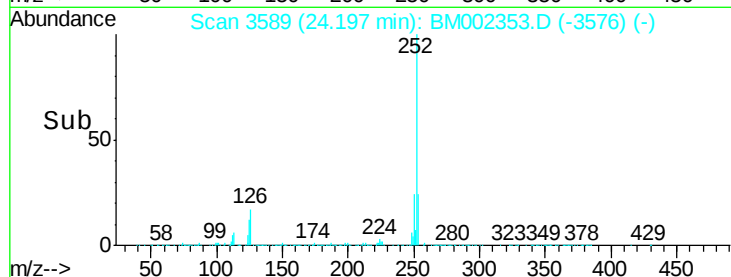
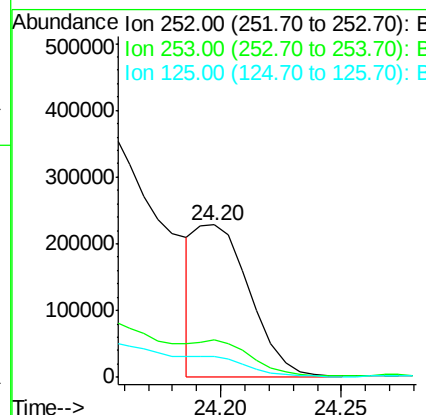
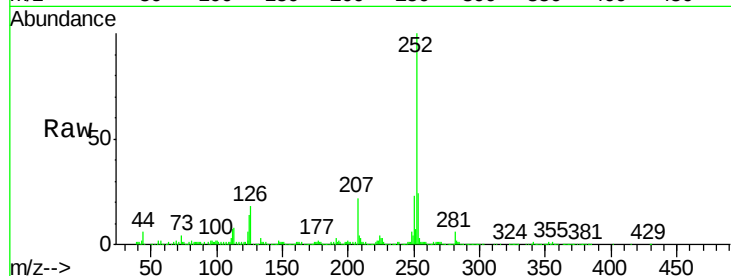
ClientSampleId :

D9C84DL

Tot Ion:	252	Resp:	358873
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.3	25.9
125	13.6	10.2	15.4

Manual Integrations
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#26

Benzo(a)pyrene

Concen: 22.51 ng/ul

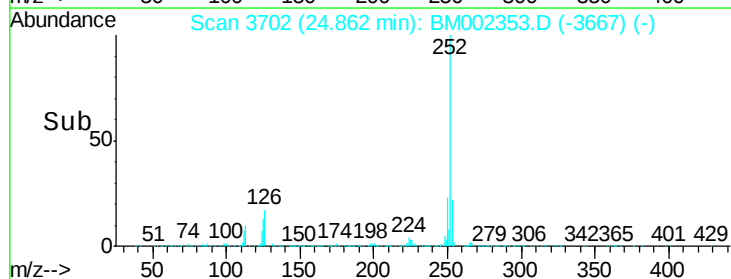
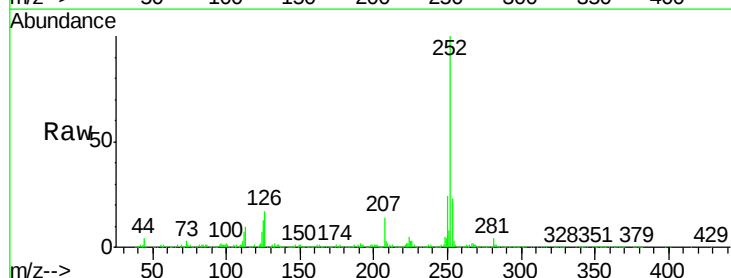
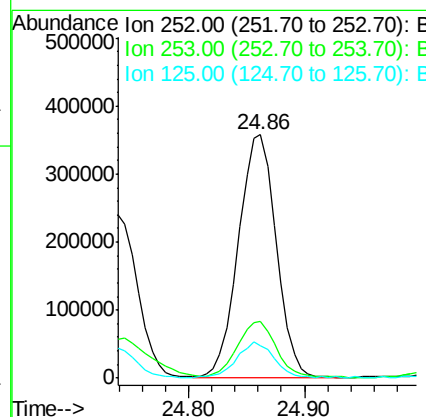
RT: 24.86 min Scan# 3702

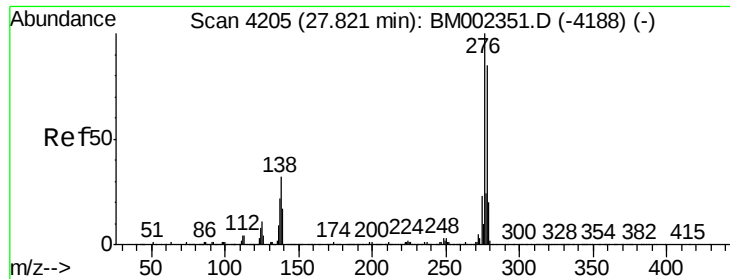
Delta R.T. 0.01 min

Lab File: BM002353.D

Acq: 12 Aug 2015 10:05

Tgt Ion:	252	Resp:	807732
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	13.5	11.0	16.6





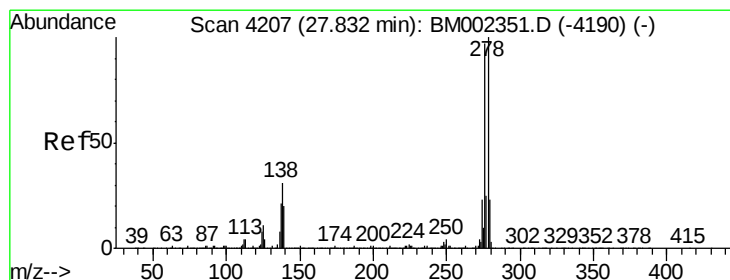
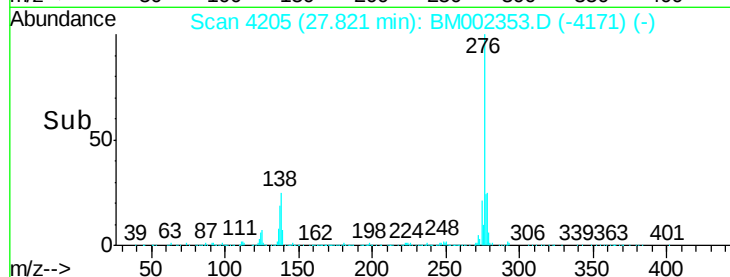
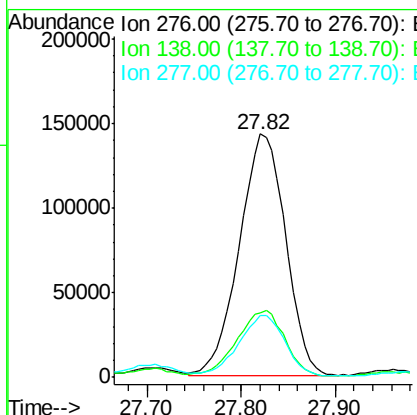
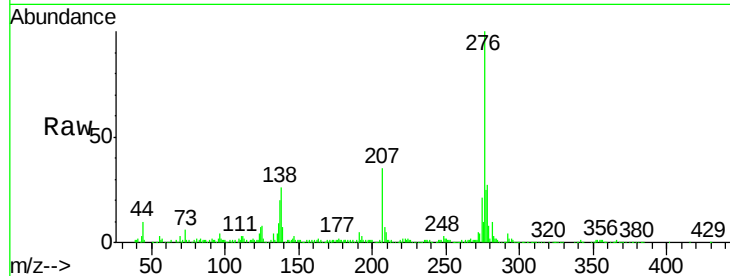
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 11.81 ng/ul
 RT: 27.82 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: BM002353.D
 Acq: 12 Aug 2015 10:05

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
276	100	485938		
138	26.2		25.6	38.4
277	25.5		21.0	31.4

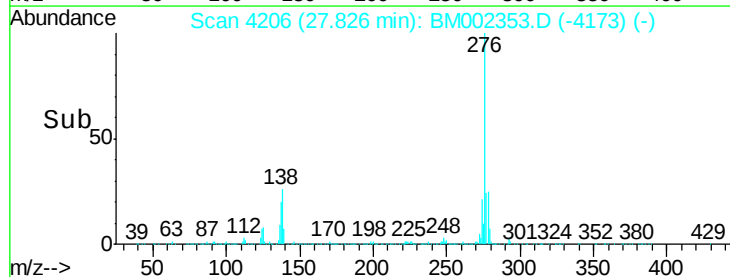
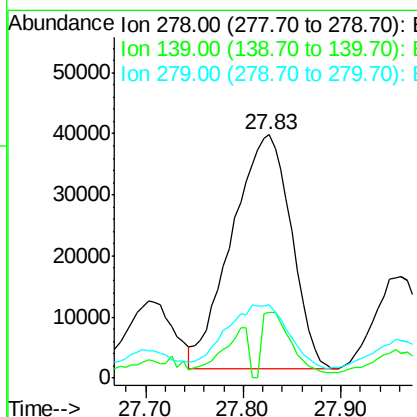
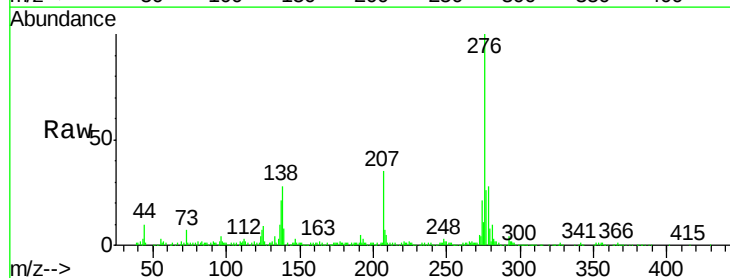
Manual Integrations
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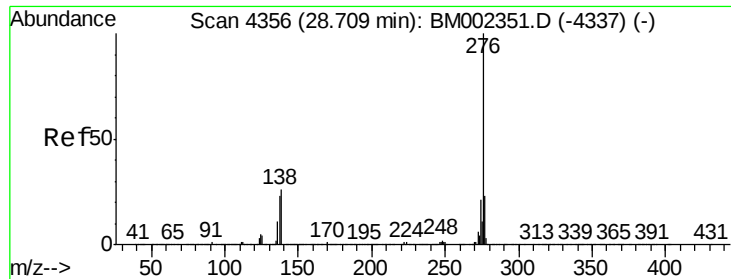
MMDadoda
 8/12/2015 2:36:17 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 4.66 ng/ul
 RT: 27.83 min Scan# 4206
 Delta R.T. -0.01 min
 Lab File: BM002353.D
 Acq: 12 Aug 2015 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	162384		
139	26.9		16.4	24.6#
279	29.9		18.8	28.2#





#29

Benzo(a,h,i)perylene

Concen: 12.00 ng/ul

RT: 28.71 min Scan# 4356

Delta R.T. -0.00 min

Lab File: BM002353.D

Acq: 12 Aug 2015 10:05

Instrument :

BNA_M

ClientSampleId :

D9C84DL

Tot Ion:	276	Resp:	416577
Ion Ratio		Lower	Upper
276	100		
138	26.2	20.5	30.7
277	24.4	19.0	28.6

Manual Integrations
APPROVED

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8/12/2015 2:36:17 PM

