

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002347.D
 Acq On : 12 Aug 2015 06:08
 Operator : UM/IZ
 Sample : G3162-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C84

Manual Integrations
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 8/12/2015 2:35:55 PM

Quant Time: Aug 12 06:48:20 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	179605	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	865598	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	476143	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	939170	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	662163	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	646537m	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	729329	14.79	ng/ul	0.00
10) Fluorene-d10	16.45	176	480108	14.00	ng/ul	0.00
14) Anthracene-d10	18.29	188	656891	14.41	ng/ul	0.00
18) Pyrene-d10	20.51	212	548834	17.09	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	403136m	11.74	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	11.82	128	367689	8.07	ng/ul	100
4) 2-Methylnaphthalene	13.36	142	118870	3.65	ng/ul	99
5) 1-Methylnaphthalene	13.57	142	69782	2.17	ng/ul	99
9) Acenaphthene	15.54	153	440214	12.78	ng/ul	98
11) Fluorene	16.50	166	503794	12.99	ng/ul	99
13) Phenanthrene	18.24	178	5556063	102.78	ng/ul	97
15) Anthracene	18.32	178	1803031	32.29	ng/ul	99
16) Fluoranthene	20.19	202	7399318	123.63	ng/ul#	93
19) Pyrene	20.54	202	6228229	145.49	ng/ul	98
20) Benzo(a)anthracene	22.27	228	4554516	112.68	ng/ul	96
21) Chrysene	22.33	228	4191643m	109.42	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	5569843m	138.61	ng/ul	
24) Benzo(k)fluoranthene	24.20	252	1725026m	44.70	ng/ul	
26) Benzo(a)pyrene	24.87	252	3963052m	103.06	ng/ul	
27) Indeno(1,2,3-cd)pyrene	27.84	276	2503049m	56.79	ng/ul	
28) Dibenzo(a,h)anthracene	27.84	278	849313m	22.74	ng/ul	
29) Benzo(g,h,i)perylene	28.73	276	2164824m	58.22	ng/ul	

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

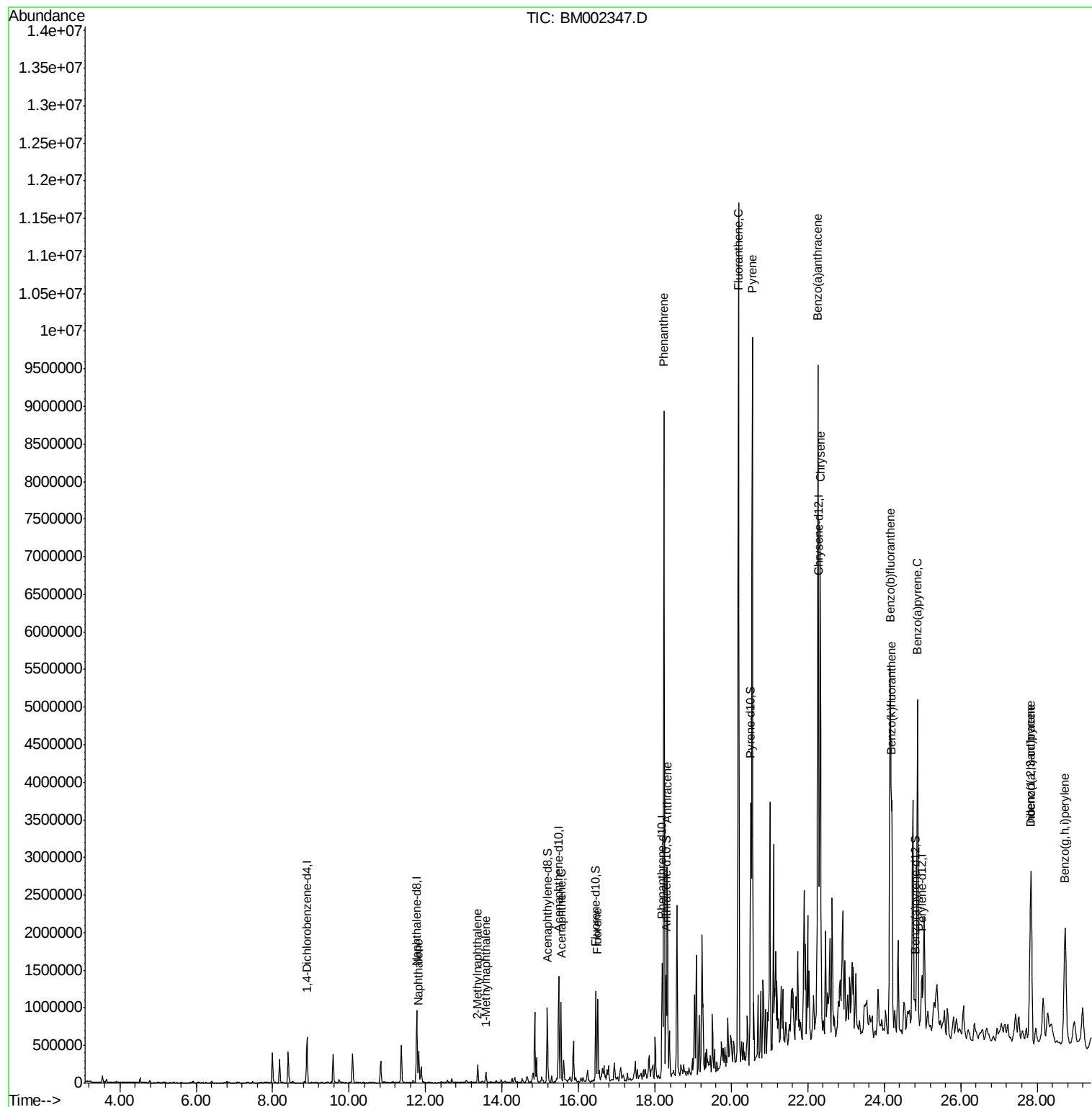
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
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Sample : G3162-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

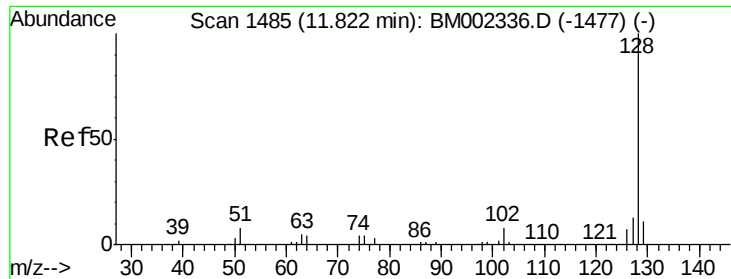
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Quant Time: Aug 12 06:48:20 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 04:50:31 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 8.07 ng/ul

RT: 11.82 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM002347.D

Acq: 12 Aug 2015 06:08

Instrument :

BNA_M

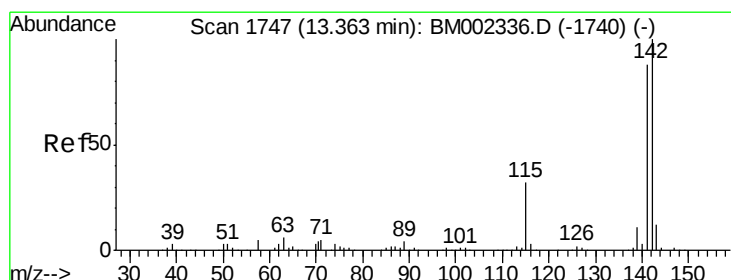
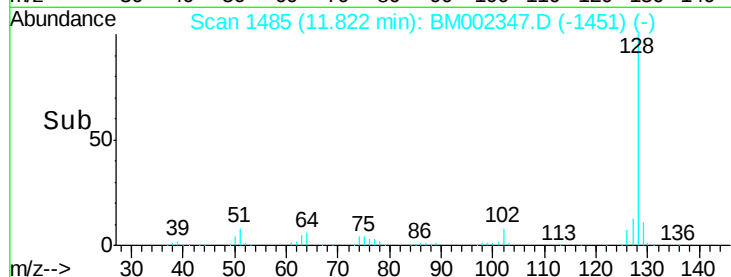
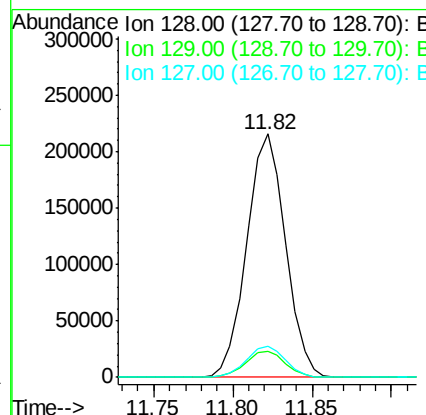
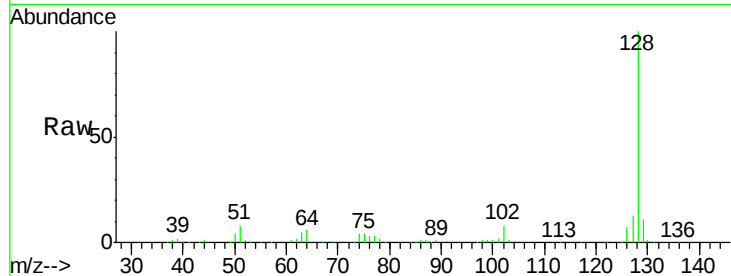
ClientSampleId :

D9C84

Tot Ion:	128	Resp:	367689
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.0	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 3.65 ng/ul

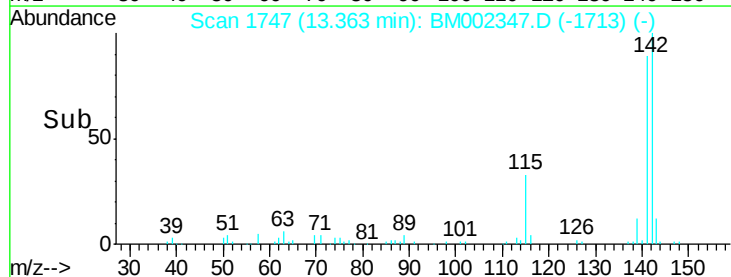
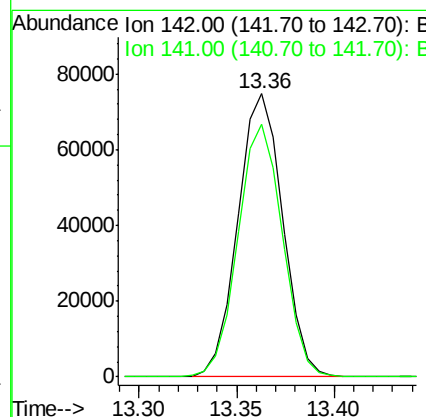
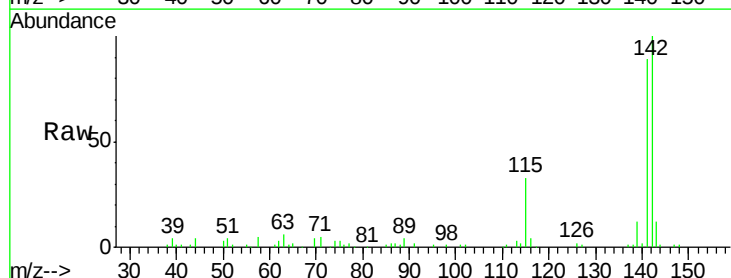
RT: 13.36 min Scan# 1747

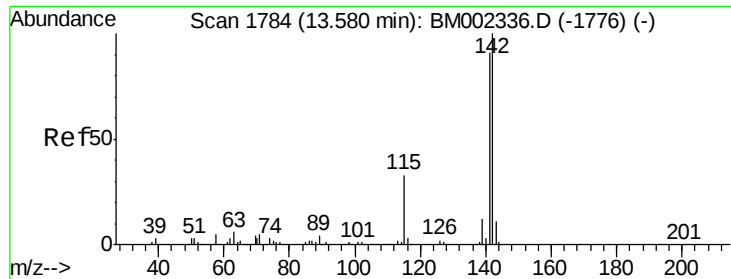
Delta R.T. 0.00 min

Lab File: BM002347.D

Acq: 12 Aug 2015 06:08

Tgt Ion:	142	Resp:	118870
Ion Ratio	Lower	Upper	
142	100		
141	89.3	72.5	108.7





#5

1-Methylnaphthalene

Concen: 2.17 ng/ul

RT: 13.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BM002347.D

Acq: 12 Aug 2015 06:08

Instrument :

BNA_M

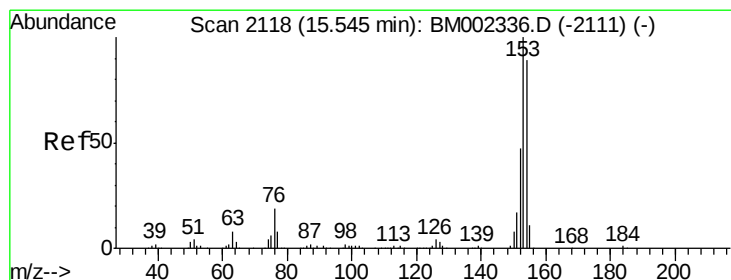
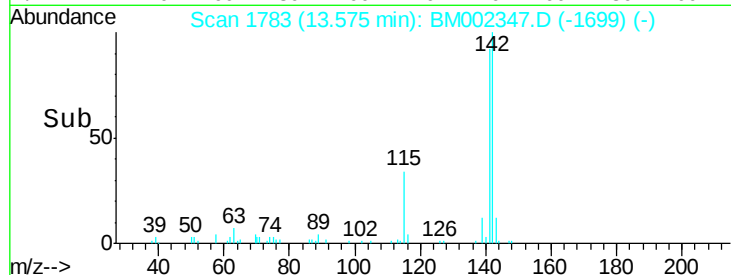
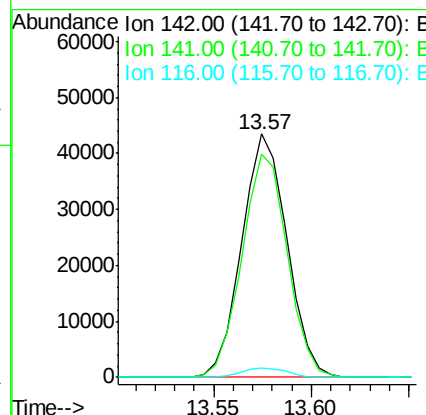
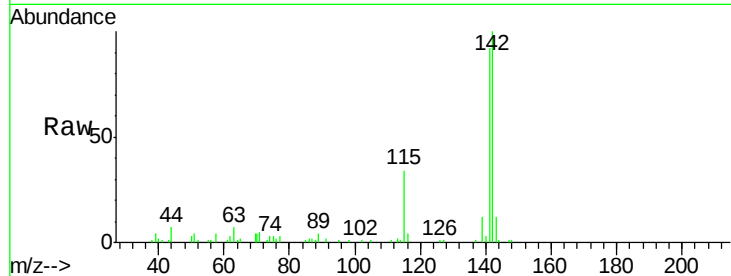
ClientSampleId :

D9C84

Tot Ion:	142	Resp:	69782
Ion Ratio	Lower	Upper	
142	100		
141	91.7	74.5	111.7
116	4.0	3.0	4.4

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#9

Acenaphthene

Concen: 12.78 ng/ul

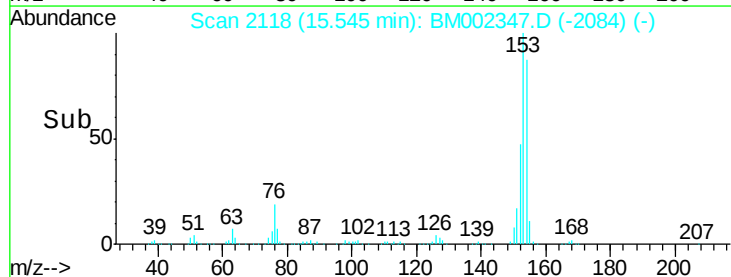
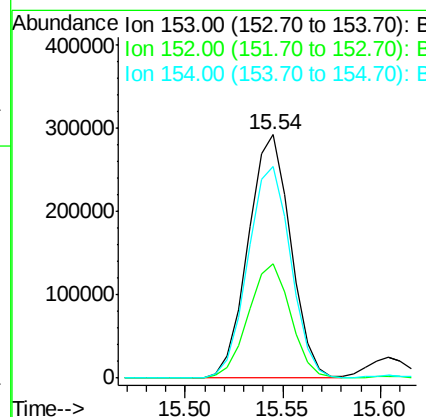
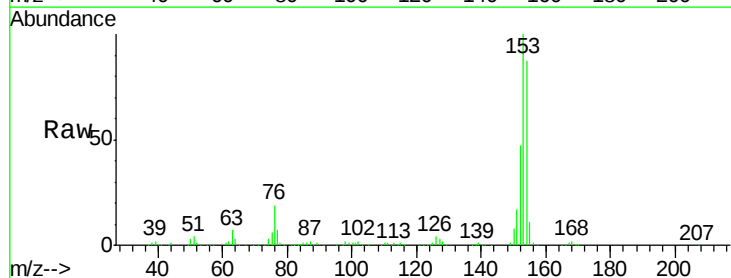
RT: 15.54 min Scan# 2118

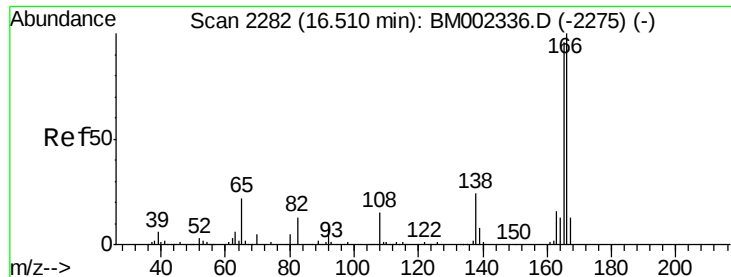
Delta R.T. 0.00 min

Lab File: BM002347.D

Acq: 12 Aug 2015 06:08

Tgt Ion:	153	Resp:	440214
Ion Ratio	Lower	Upper	
153	100		
152	47.0	36.6	55.0
154	87.1	71.5	107.3





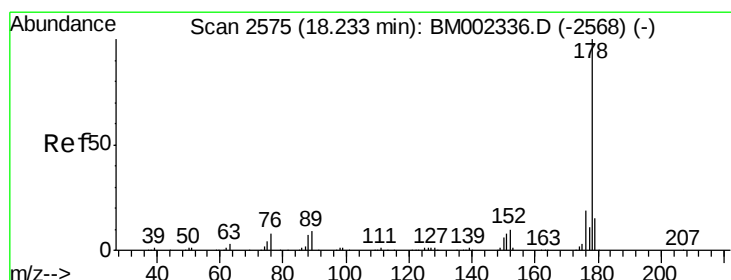
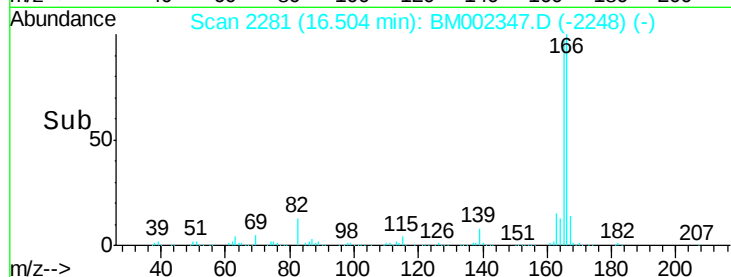
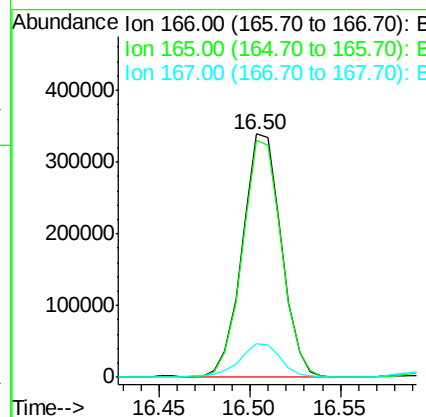
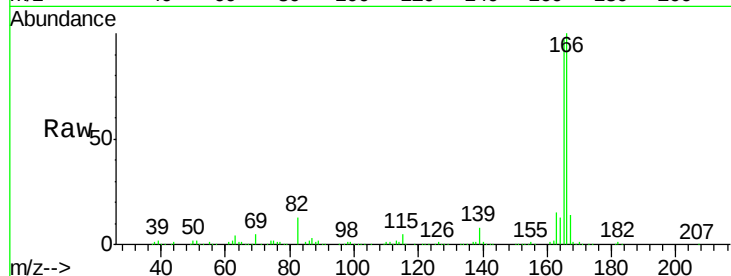
#11
Fluorene
 Concen: 12.99 ng/ul
 RT: 16.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BM002347.D
 Acq: 12 Aug 2015 06:08

Instrument :
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 ClientSampleId :
 D9C84

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.5	116.3
167	13.9	10.4	15.6

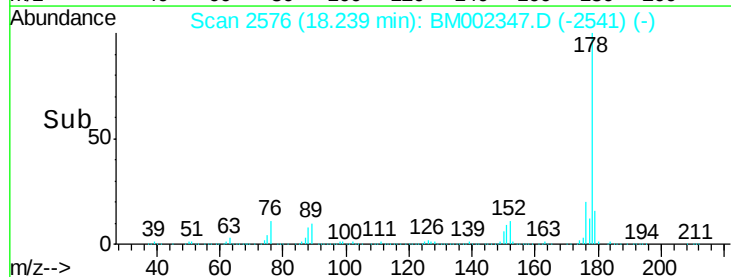
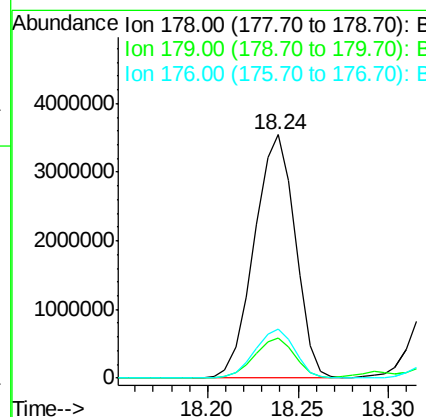
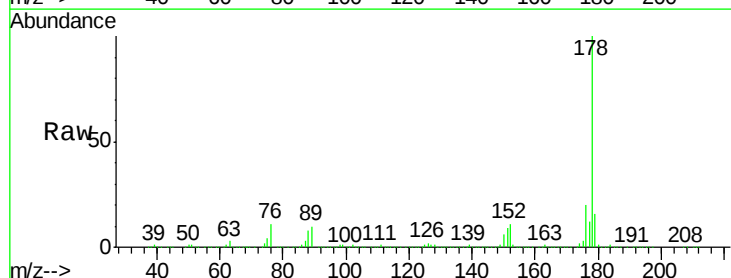
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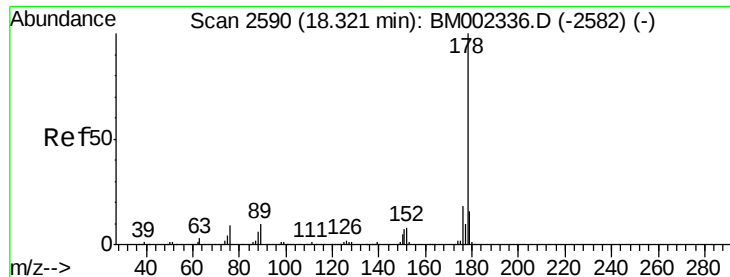
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#13
Phenanthrene
 Concen: 102.78 ng/ul
 RT: 18.24 min Scan# 2576
 Delta R.T. 0.01 min
 Lab File: BM002347.D
 Acq: 12 Aug 2015 06:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	20.3	15.3	22.9





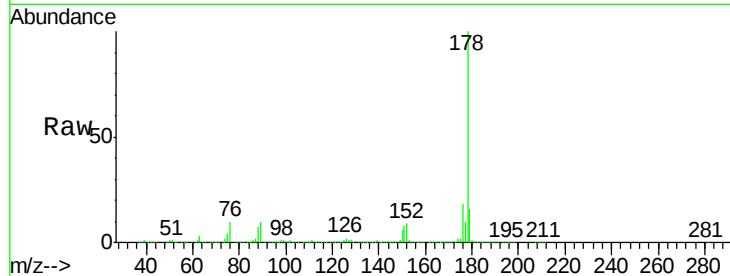
#15
 Anthracene
 Concen: 32.29 ng/ul
 RT: 18.32 min Scan# 2590
 Delta R.T. 0.00 min
 Lab File: BM002347.D
 Acq: 12 Aug 2015 06:08

Instrument :
 BNA_M
 ClientSampleId :
 D9C84

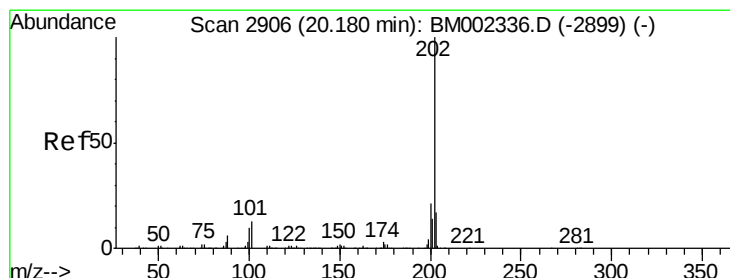
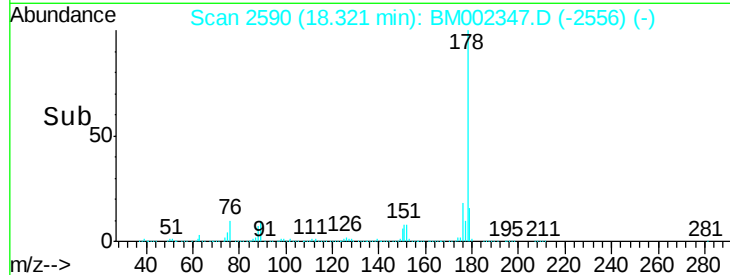
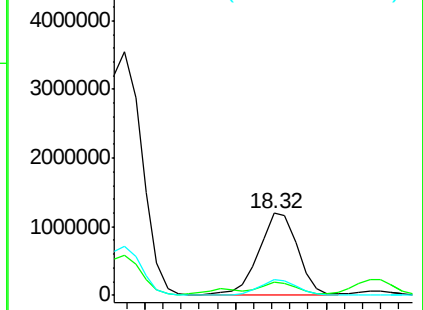
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.5	14.5	21.7

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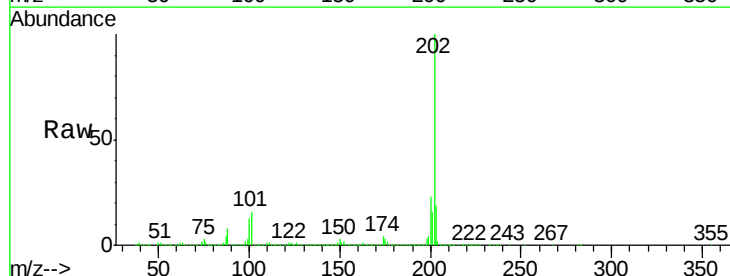


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

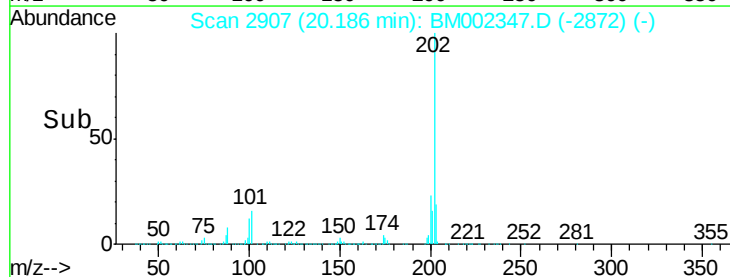
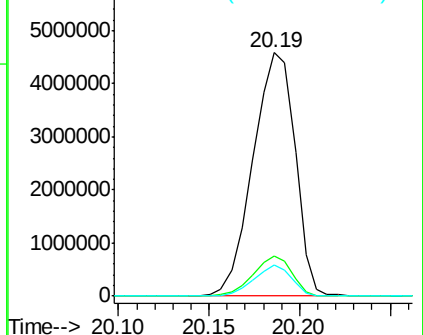


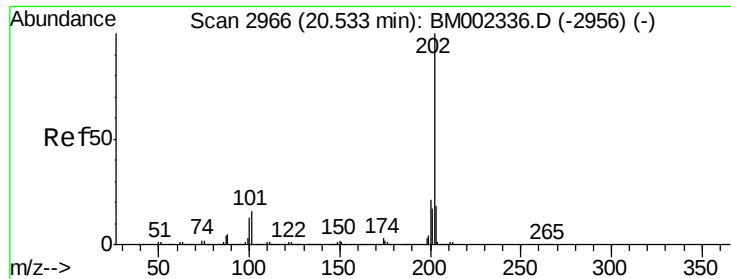
#16
 Fluoranthene
 Concen: 123.63 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. 0.01 min
 Lab File: BM002347.D
 Acq: 12 Aug 2015 06:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.6	15.8#
100	12.5	8.2	12.4#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





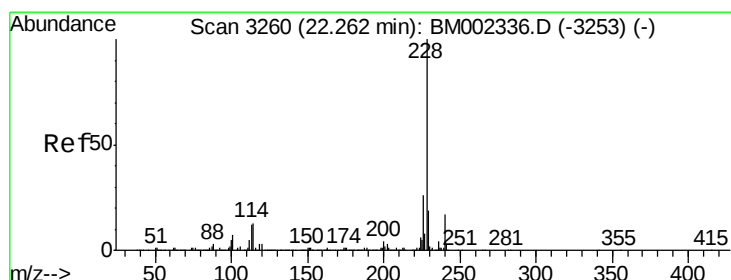
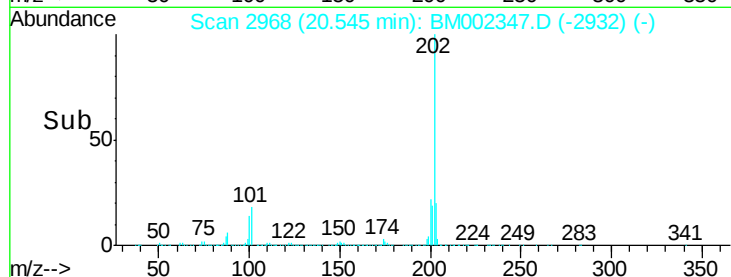
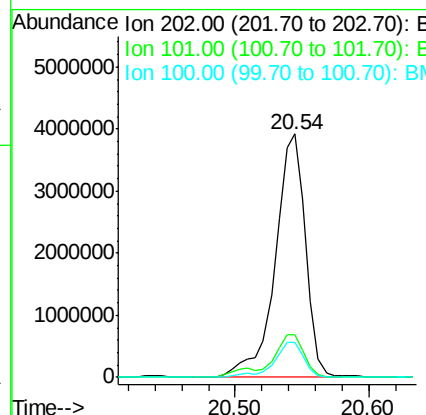
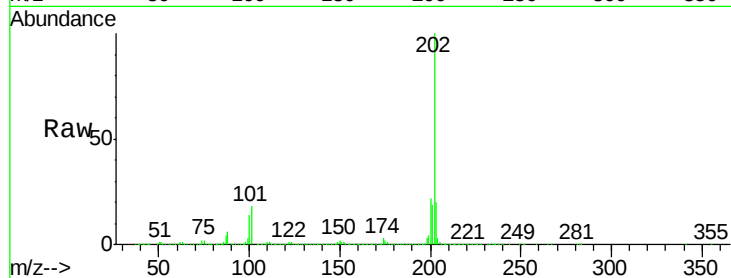
#19
Pvrene
Concen: 145.49 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.01 min
Lab File: BM002347.D
Acq: 12 Aug 2015 06:08

Instrument :
BNA_M
ClientSampleId :
D9C84

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.6	13.0	19.6
100	14.3	11.0	16.4

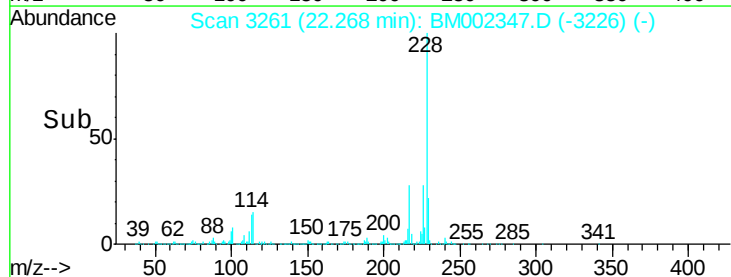
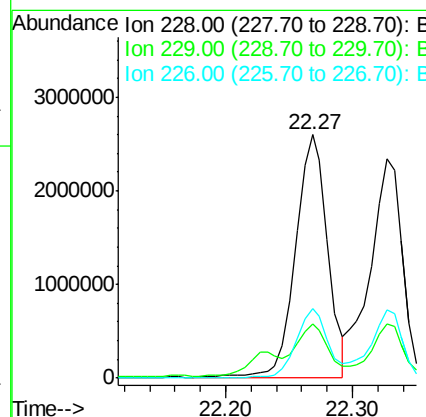
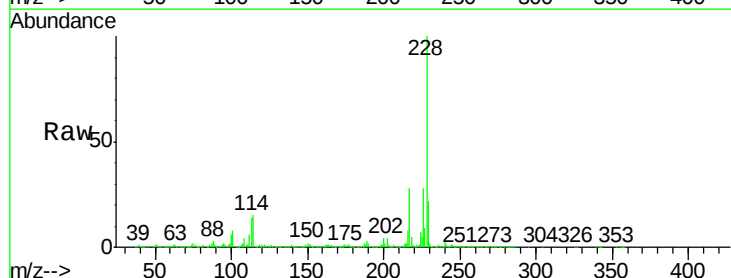
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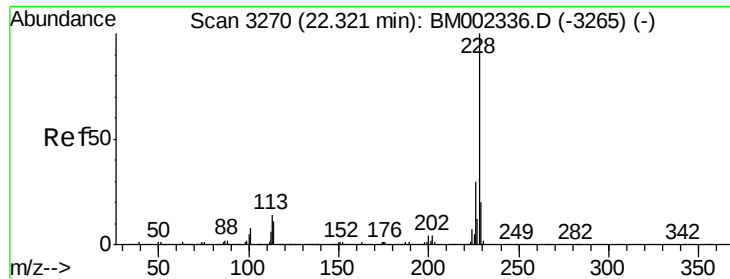
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#20
Benzo(a)anthracene
Concen: 112.68 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002347.D
Acq: 12 Aug 2015 06:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	28.3	21.4	32.0





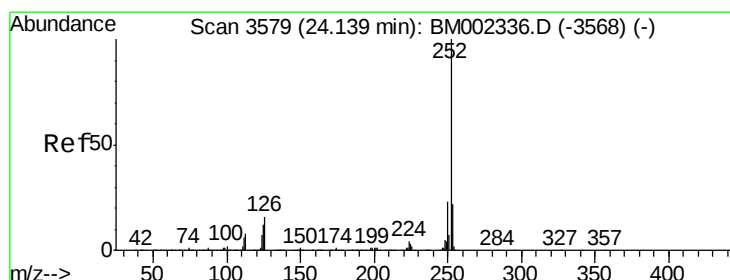
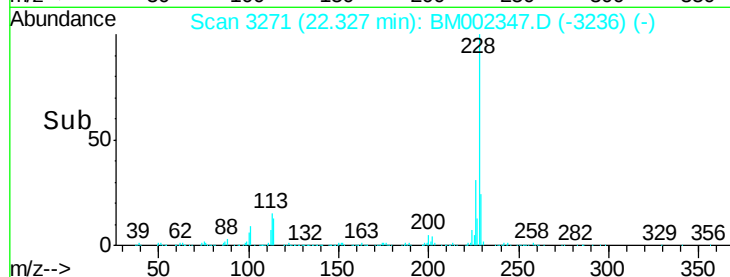
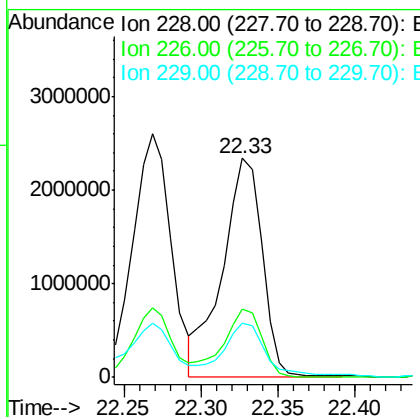
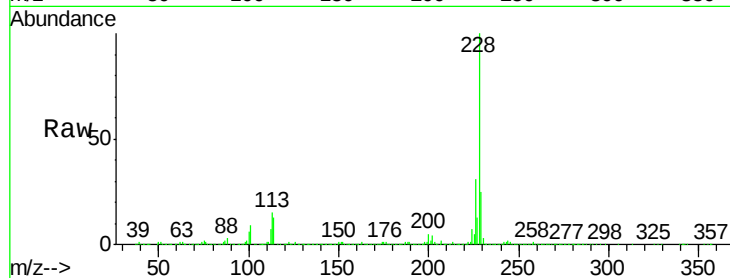
#21
Chrysene
Concen: 109.42 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BM002347.D
Acq: 12 Aug 2015 06:08

Instrument :
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ClientSampleId :
D9C84

Tot Ion:228 Resp: 4191643
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 24.9 15.5 23.3#

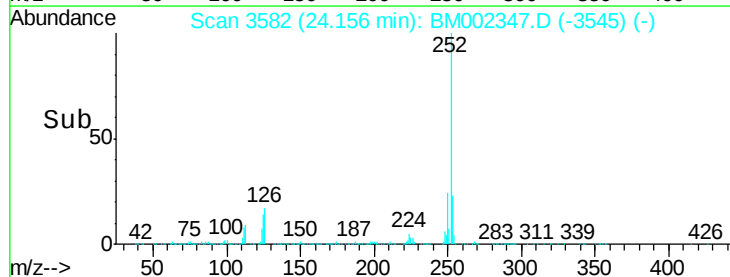
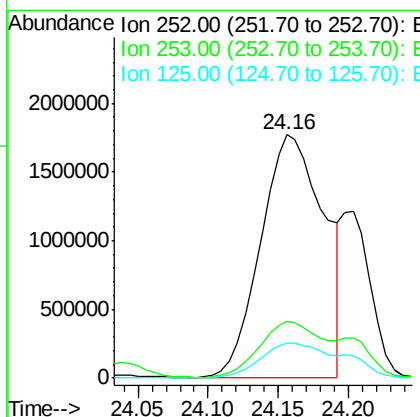
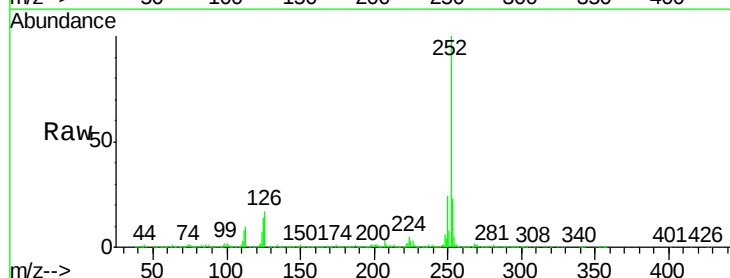
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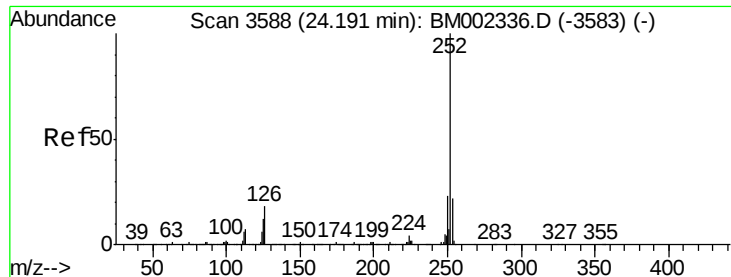
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#23
Benzo(b)fluoranthene
Concen: 138.61 ng/ul m
RT: 24.16 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BM002347.D
Acq: 12 Aug 2015 06:08

Tgt Ion:252 Resp: 5569843
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 14.3 10.3 15.5





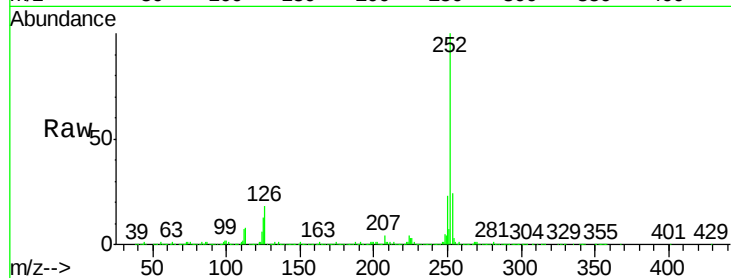
#24
Benzo(k)fluoranthene
Concen: 44.70 ng/ul m
RT: 24.20 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BM002347.D
Acq: 12 Aug 2015 06:08

Instrument :
BNA_M
ClientSampleId :
D9C84

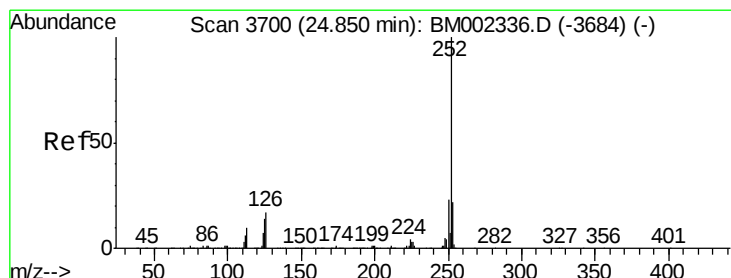
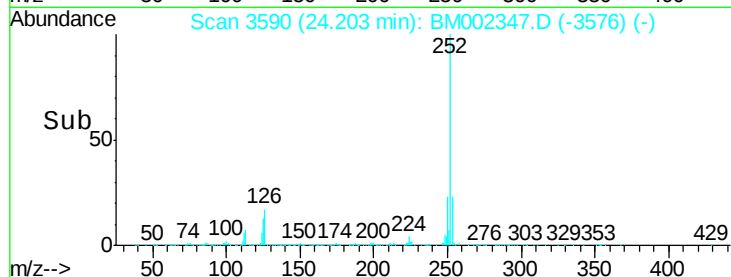
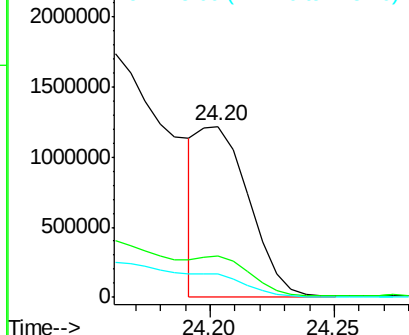
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	13.4	10.2	15.4

Manual Integrations
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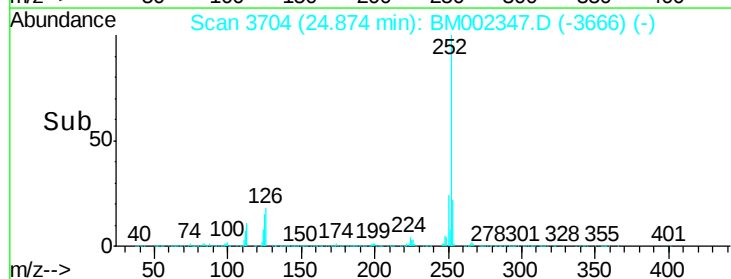
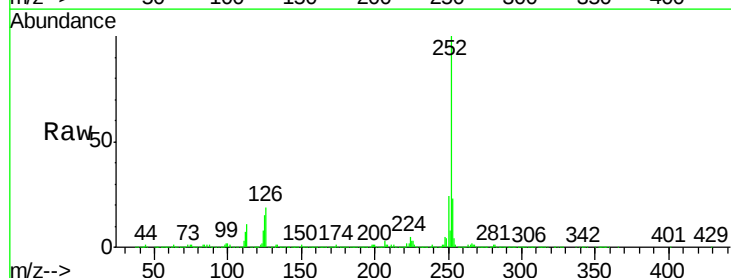
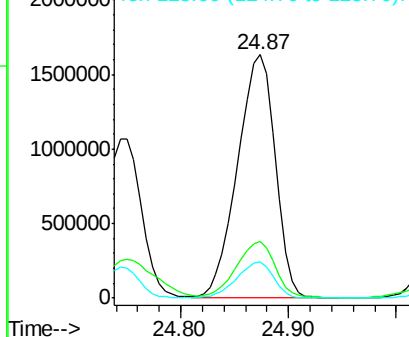
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

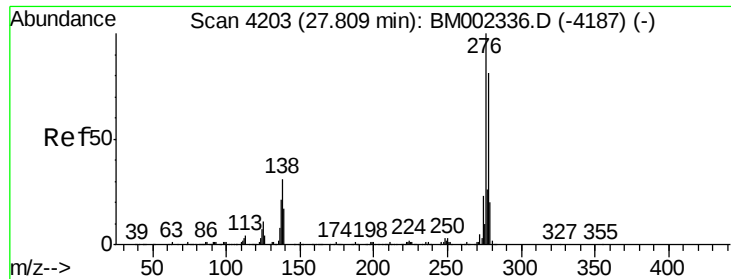


#26
Benzo(a)pyrene
Concen: 103.06 ng/ul m
RT: 24.87 min Scan# 3704
Delta R.T. 0.02 min
Lab File: BM002347.D
Acq: 12 Aug 2015 06:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	15.0	11.0	16.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





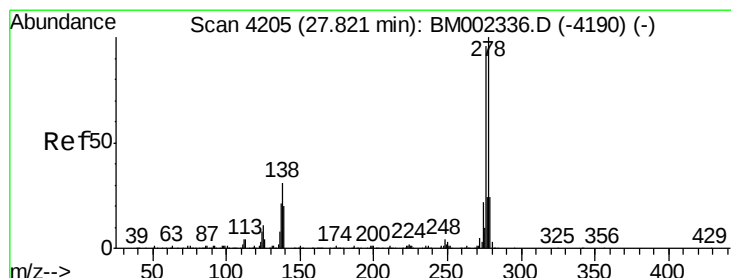
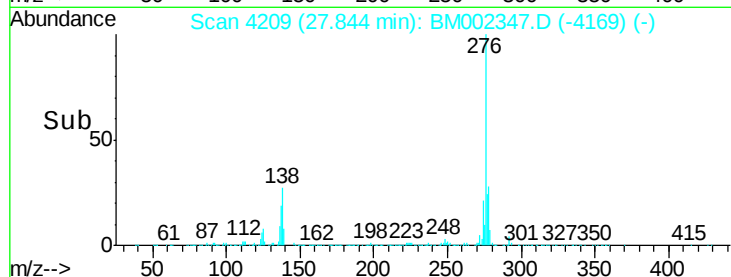
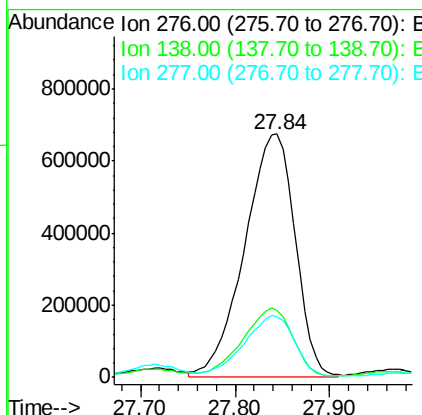
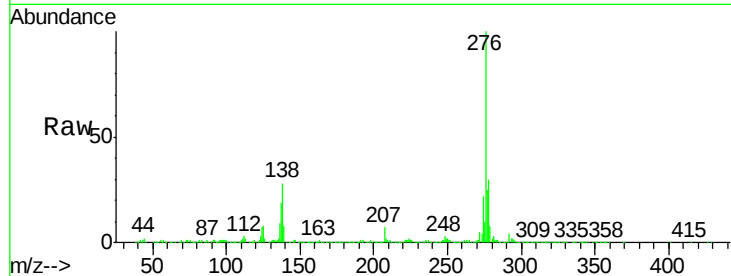
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 56.79 ng/ul m
 RT: 27.84 min Scan# 4209
 Delta R.T. 0.04 min
 Lab File: BM002347.D
 Acq: 12 Aug 2015 06:08

Instrument :
 BNA_M
 ClientSampled :
 D9C84

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.6	38.4
277	25.1	21.0	31.4

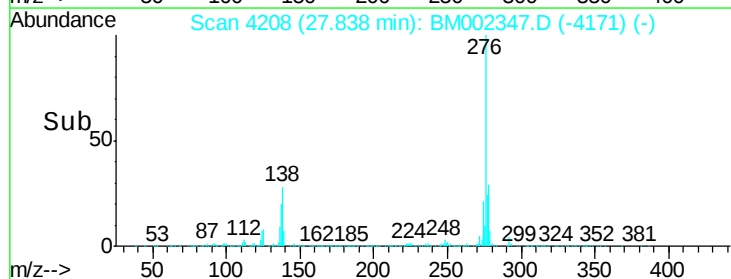
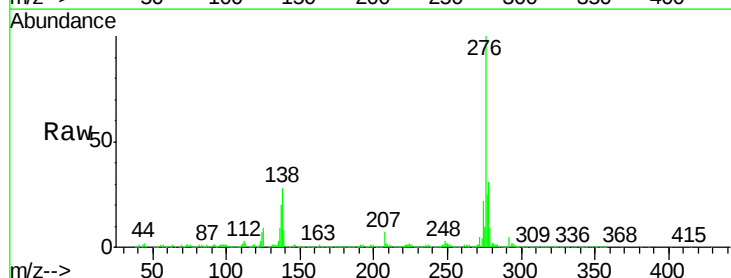
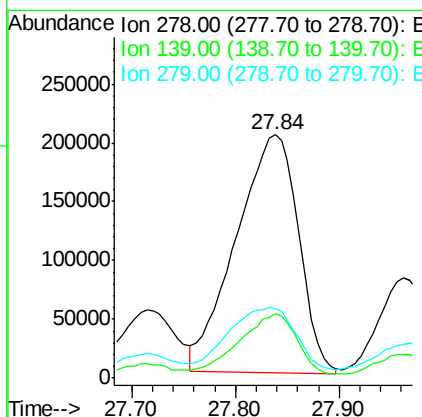
Manual Integrations
 APPROVED

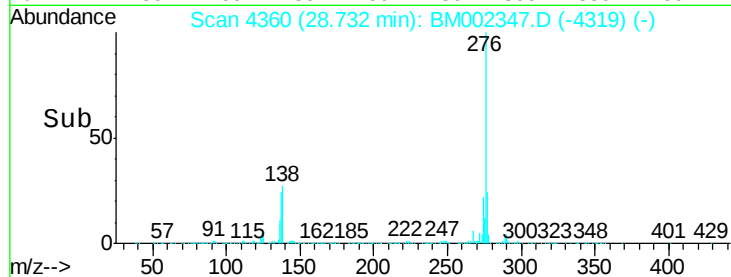
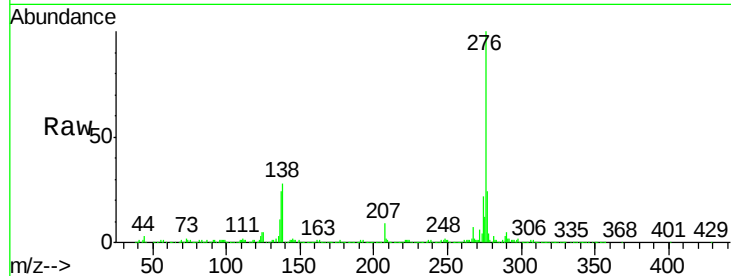
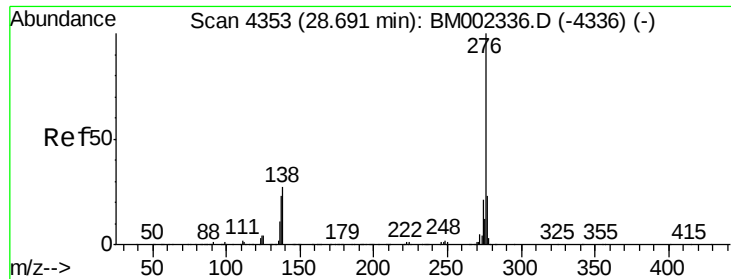
MMDadoda
 8/12/2015 2:35:55 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 22.74 ng/ul m
 RT: 27.84 min Scan# 4208
 Delta R.T. 0.02 min
 Lab File: BM002347.D
 Acq: 12 Aug 2015 06:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.3	16.4	24.6#
279	28.7	18.8	28.2#





#29

Benzo(a,h,i)perylene

Concen: 58.22 ng/ul m

RT: 28.73 min Scan# 4360

Delta R.T. 0.04 min

Lab File: BM002347.D

Acq: 12 Aug 2015 06:08

Tot Ion: 276 Resp: 2164824

Ion Ratio Lower Upper

276 100

138 27.8 20.5 30.7

277 24.2 19.0 28.6

Instrument :

BNA_M

ClientSampleId :

D9C84

Manual Integrations
APPROVED

MMDadoda
8/12/2015 2:35:55 PM

