

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003226.D
 Acq On : 20 Nov 2015 18:08
 Operator : UM/IZ
 Sample : G4323-27
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J47

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 6:58:42 PM

Quant Time: Nov 21 04:44:24 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 04:24:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13963	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	54305	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28782	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	60852	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	61036	0.40	ng/ul	0.00
22) Perylene-d12	23.60	264	61557	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	43502	2.92	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	11664	0.16	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	24170	0.16	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.58	128	29186	0.21	ng/ul	98
7) 2-Methylnaphthalene	12.19	142	7652	0.08	ng/ul#	100
9) Acenaphthylene	14.09	152	85354	0.71	ng/ul	100
10) Acenaphthene	14.45	153	7302	0.07	ng/ul	96
11) Fluorene	15.44	166	16819m	0.15	ng/ul	
13) Pentachlorophenol	16.78	266	976	0.07	ng/ul	96
14) Phenanthrene	17.17	178	487552	2.76	ng/ul	100
15) Anthracene	17.26	178	95384	0.65	ng/ul	99
17) Fluoranthene	19.19	202	1035605	5.29	ng/ul	98
19) Pyrene	19.55	202	952255	4.55	ng/ul	98
20) Benzo(a)anthracene	21.31	228	439098	2.48	ng/ul#	92
21) Chrysene	21.36	228	466702	2.34	ng/ul	97
23) Benzo(b)fluoranthene	22.91	252	670669m	2.87	ng/ul	
24) Benzo(k)fluoranthene	22.95	252	192439m	0.87	ng/ul	
25) Benzo(a)pyrene	23.49	252	421717	2.03	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.87	276	310573	1.25	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.88	278	69115	0.34	ng/ul#	90
28) Benzo(a,h,i)perylene	26.57	276	252006	1.16	ng/ul	98

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

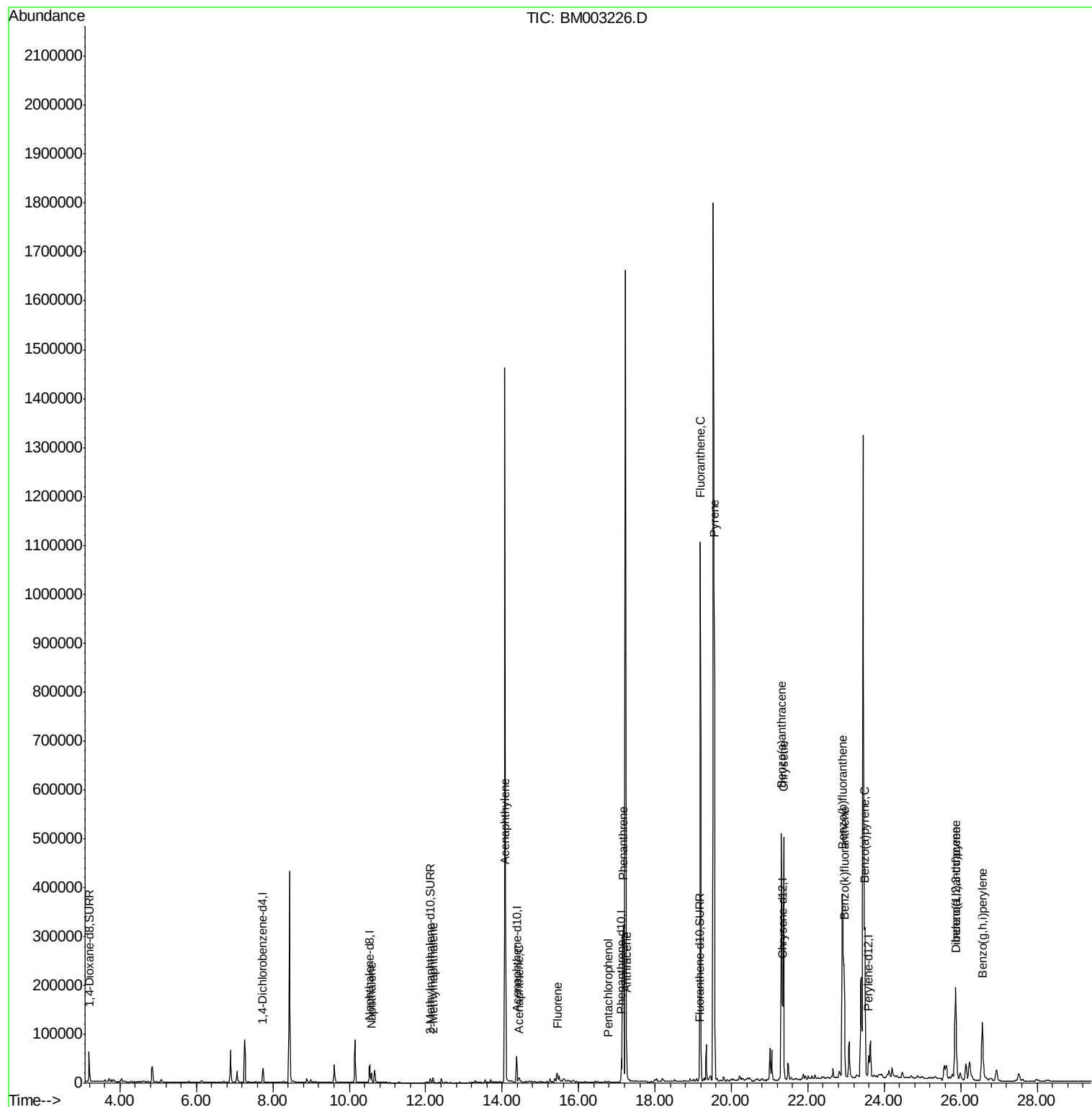
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
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ALS Vial : 11 Sample Multiplier: 1

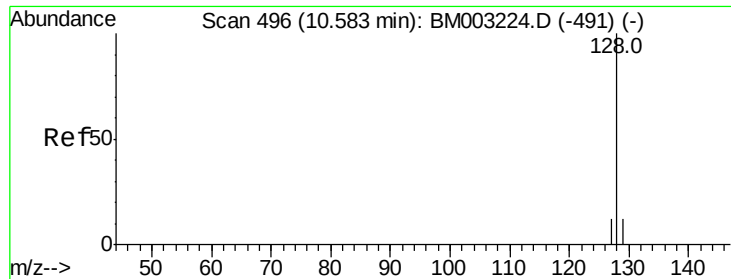
Instrument :
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QLast Update : Sat Nov 21 04:24:04 2015
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#5

Naphthalene

Concen: 0.21 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. -0.00 min

Lab File: BM003226.D

Acq: 20 Nov 2015 18:08

Instrument :

BNA_M

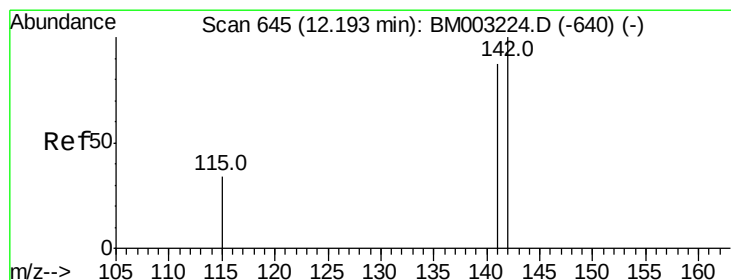
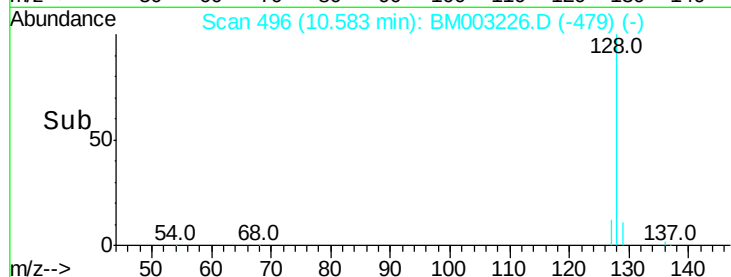
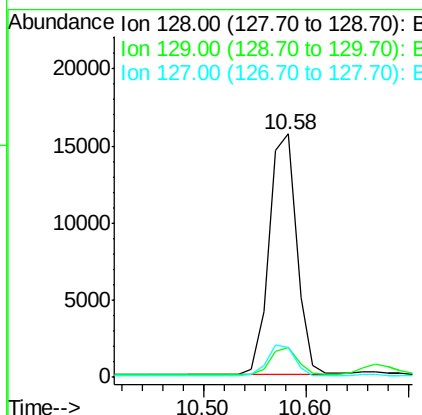
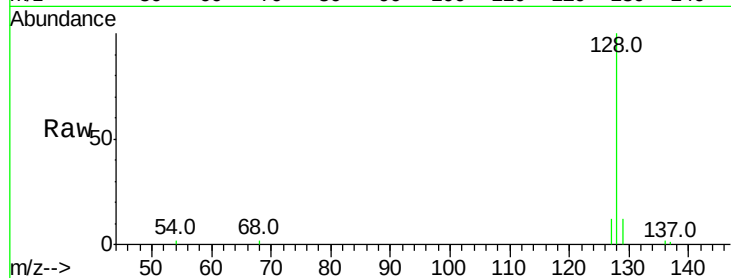
ClientSampleId :

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Tot Ion:128	Resp:	29186
Ion Ratio	Lower	Upper
128 100		
129 12.4	9.0	13.6
127 12.1	9.6	14.4



#7

2-Methylnaphthalene

Concen: 0.08 ng/ul

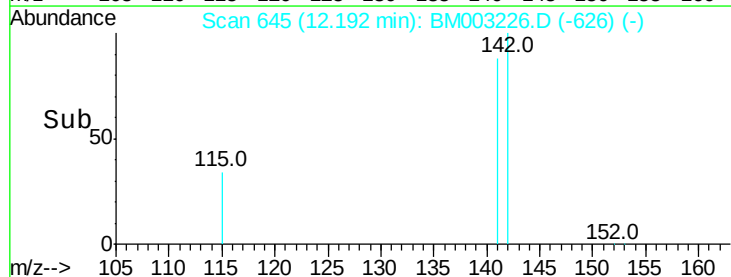
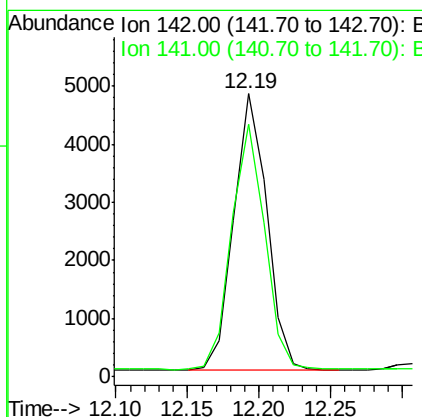
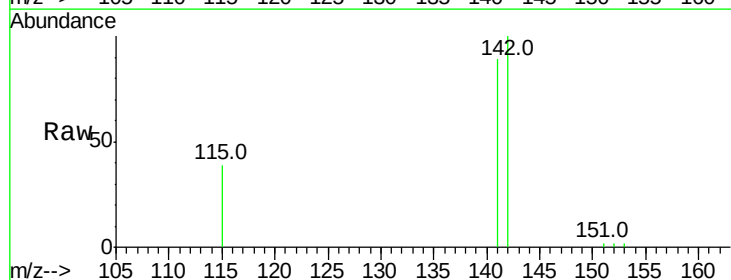
RT: 12.19 min Scan# 645

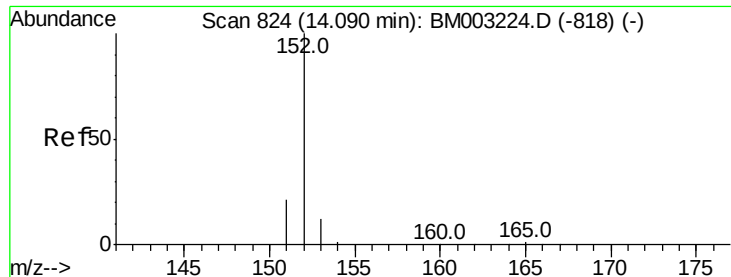
Delta R.T. -0.00 min

Lab File: BM003226.D

Acq: 20 Nov 2015 18:08

Tgt Ion:142	Resp:	7652
Ion Ratio	Lower	Upper
142 100		
141 89.0	0.0	0.0#





#9

Acenaphthylene

Concen: 0.71 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003226.D

Acq: 20 Nov 2015 18:08

Instrument :

BNA_M

ClientSampleId :

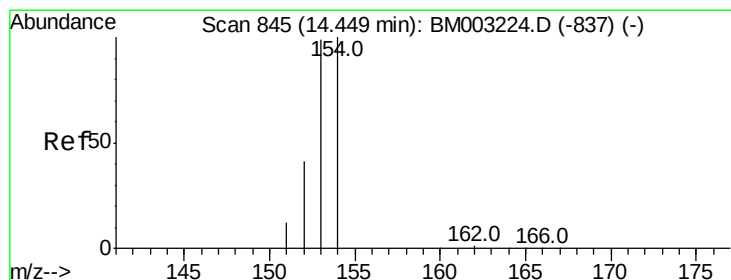
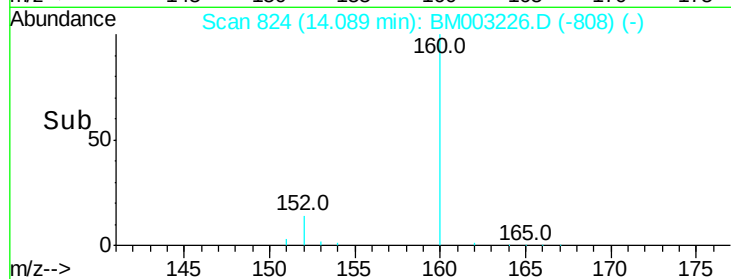
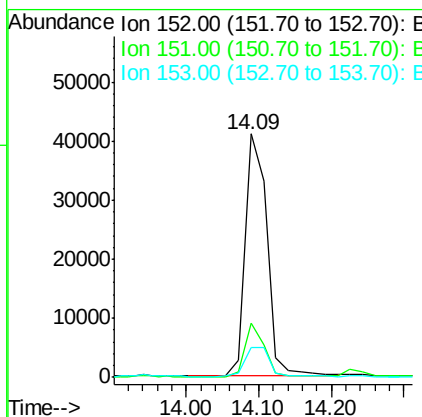
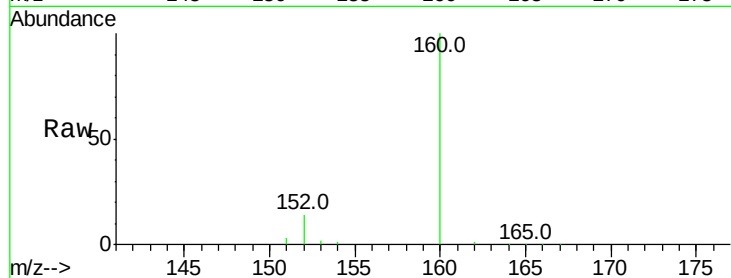
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Tot Ion:	152	Resp:	85354
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.6	26.4
153	12.2	9.7	14.5



#10

Acenaphthene

Concen: 0.07 ng/ul

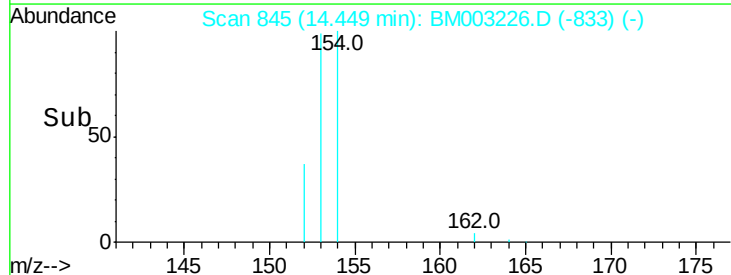
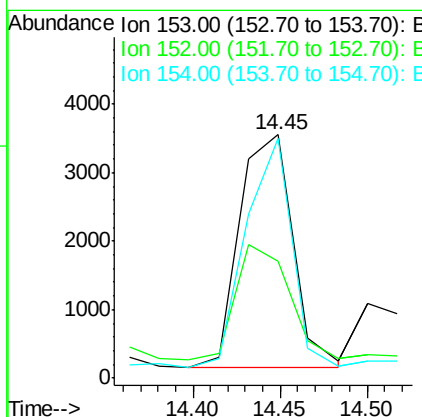
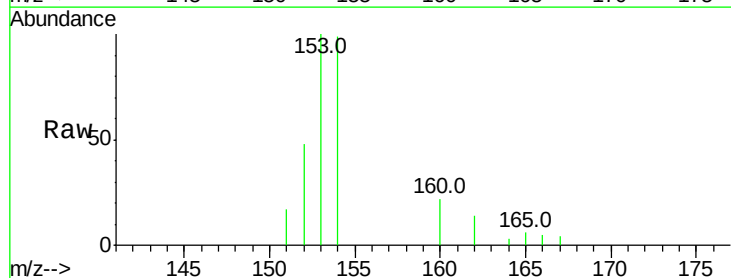
RT: 14.45 min Scan# 845

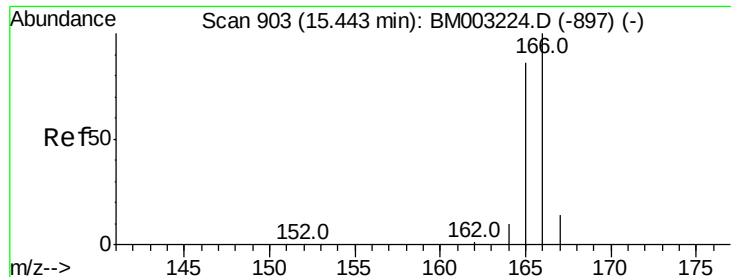
Delta R.T. -0.00 min

Lab File: BM003226.D

Acq: 20 Nov 2015 18:08

Tgt Ion:	153	Resp:	7302
Ion Ratio	Lower	Upper	
153	100		
152	48.1	33.9	50.9
154	98.7	80.6	121.0





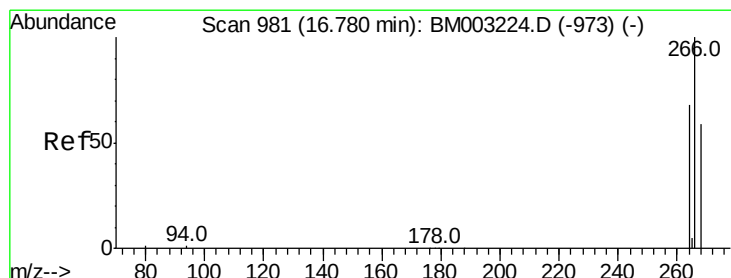
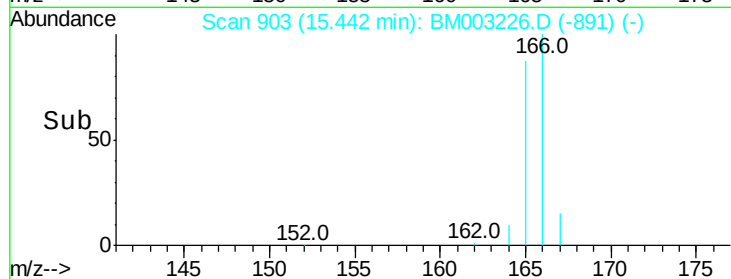
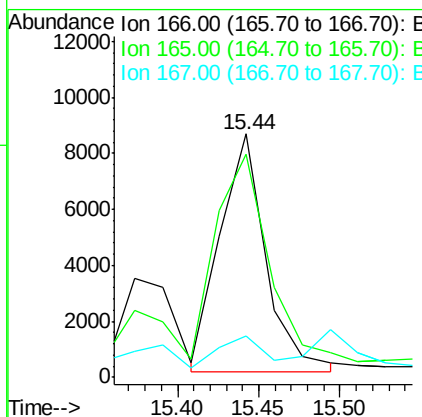
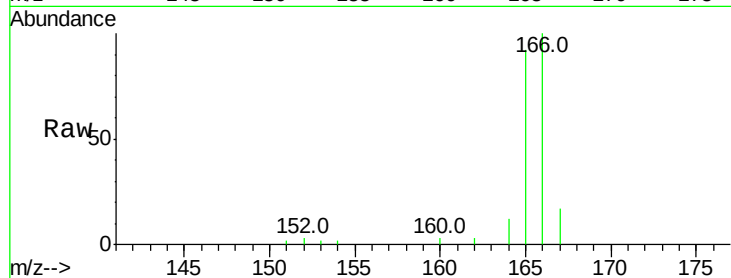
#11
Fluorene
Concen: 0.15 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Instrument :
BNA_M
ClientSampled :
A4J47

Tot Ion	Ratio	Lower	Upper
166	100		
165	91.5	69.6	104.4
167	17.1	11.9	17.9

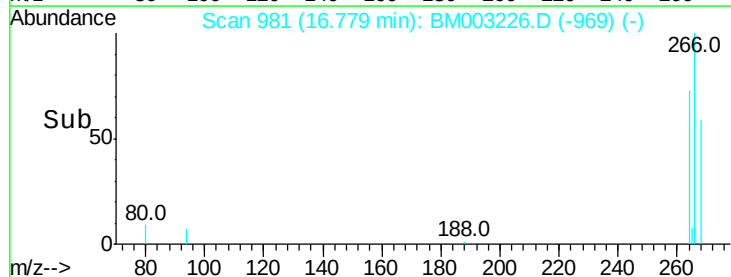
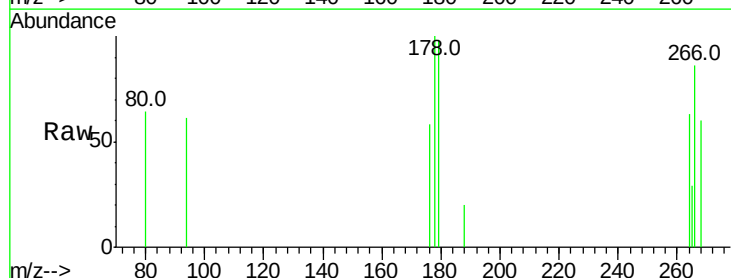
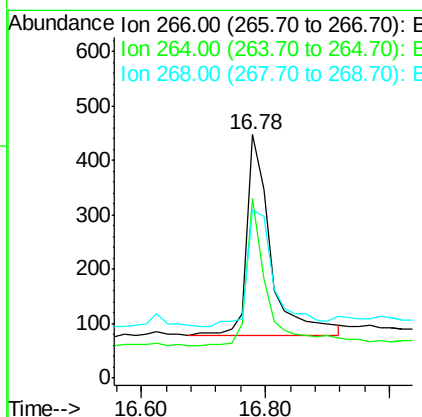
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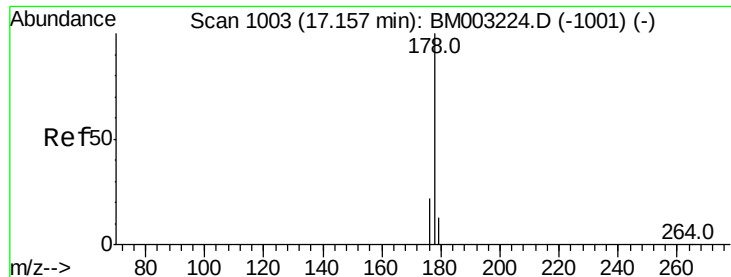
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#13
Pentachlorophenol
Concen: 0.07 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.8	77.8
268	64.4	46.8	70.2





#14

Phenanthrene

Concen: 2.76 ng/ul

RT: 17.17 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BM003226.D

Acq: 20 Nov 2015 18:08

Instrument :

BNA_M

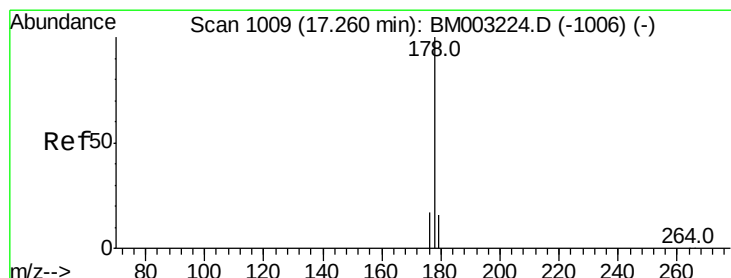
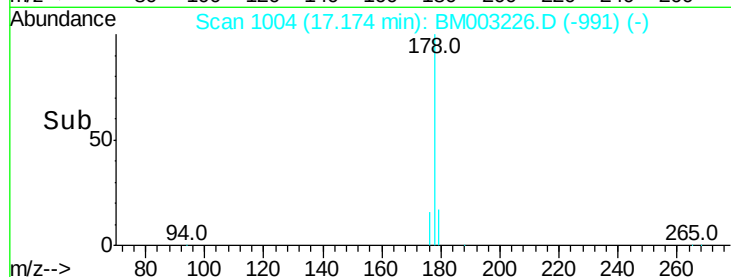
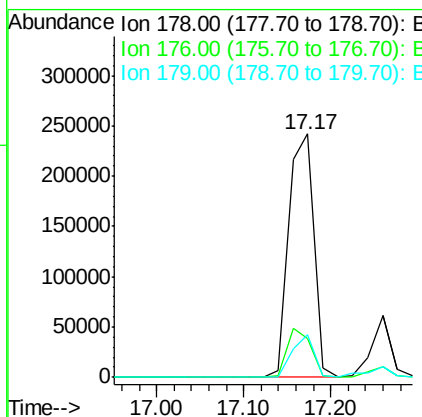
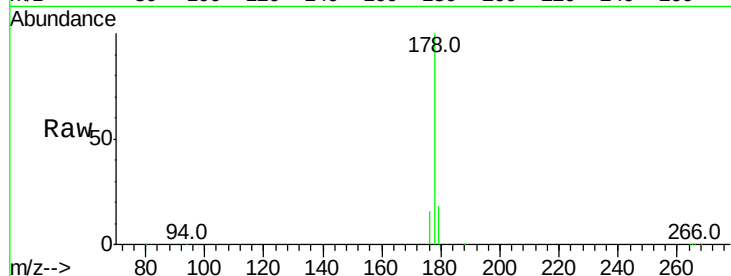
ClientSampleId :

A4J47

Tot Ion	Ratio	Lower	Upper
178	100		
176	15.9	13.0	19.4
179	17.6	14.2	21.2

Manual Integrations
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#15

Anthracene

Concen: 0.65 ng/ul

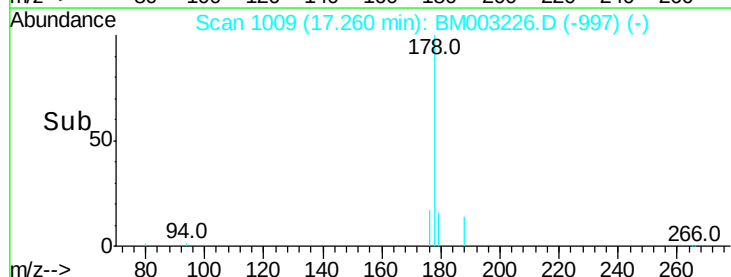
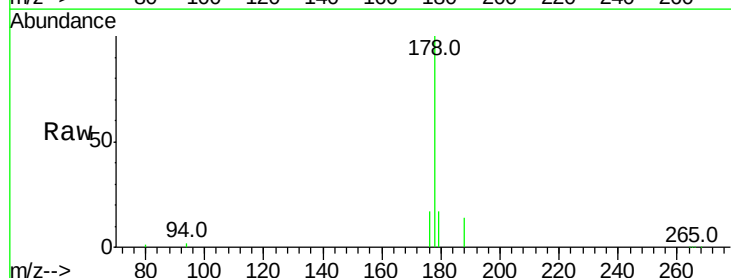
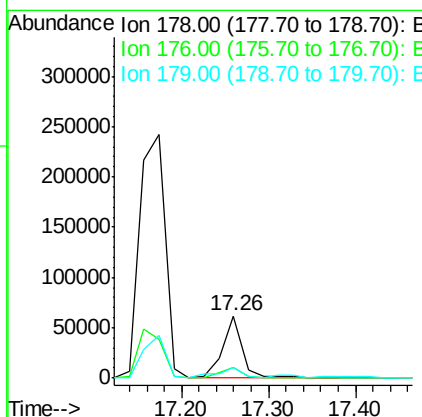
RT: 17.26 min Scan# 1009

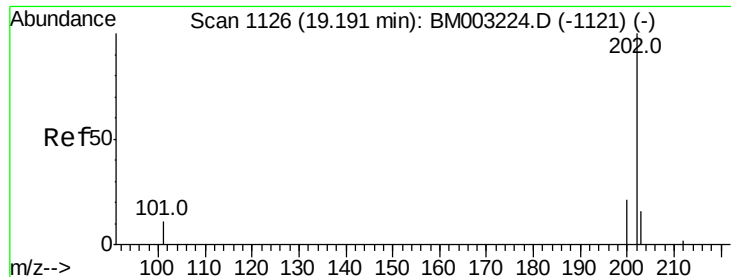
Delta R.T. -0.00 min

Lab File: BM003226.D

Acq: 20 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.0	21.0
179	16.6	12.9	19.3





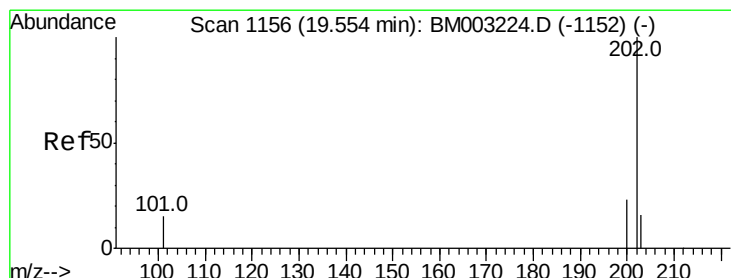
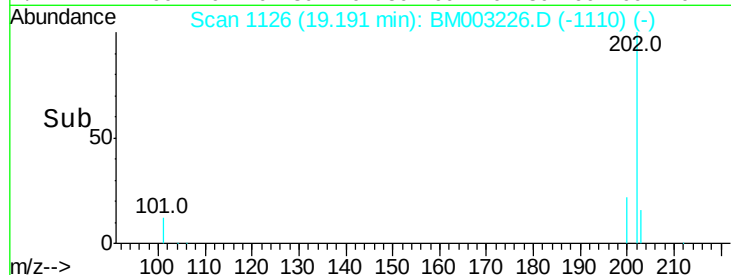
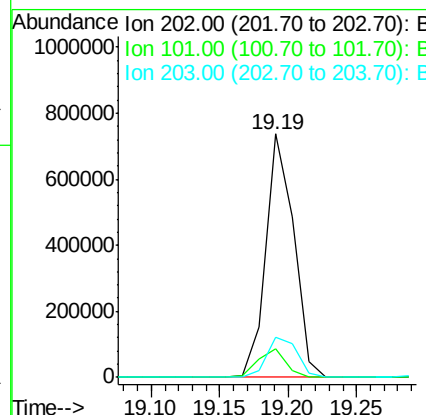
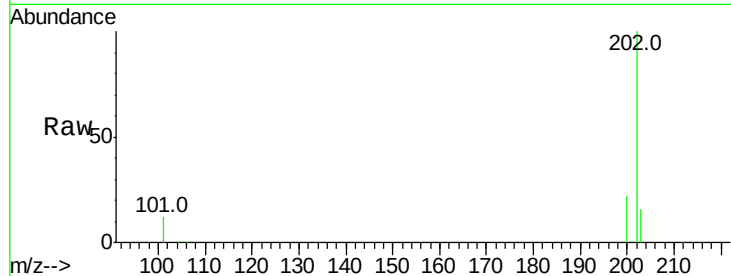
#17
Fluoranthene
Concen: 5.29 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Instrument :
BNA_M
ClientSampleId :
A4J47

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1035605		
101	11.8		0.0	29.6
203	16.3		0.0	36.3

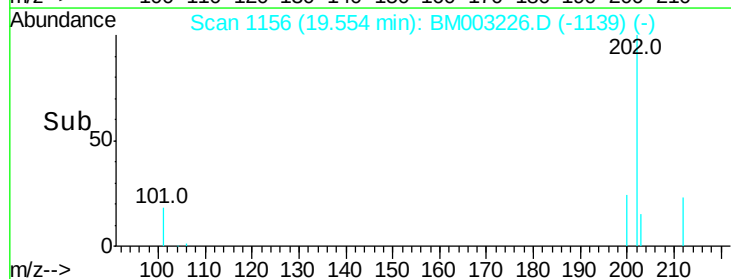
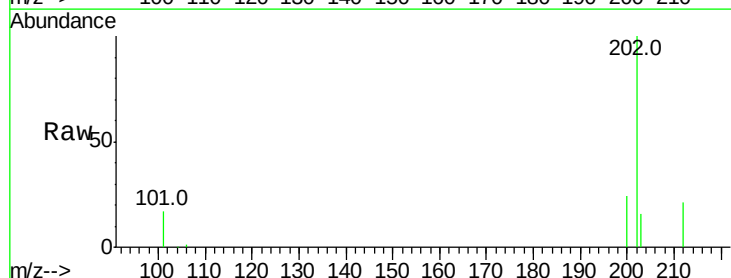
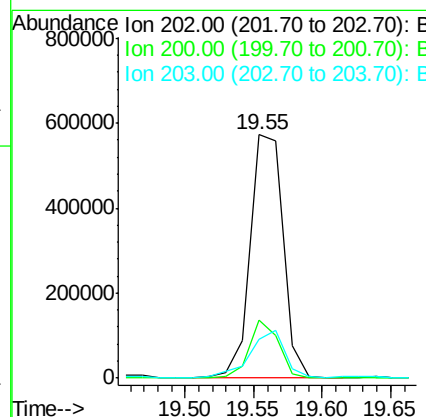
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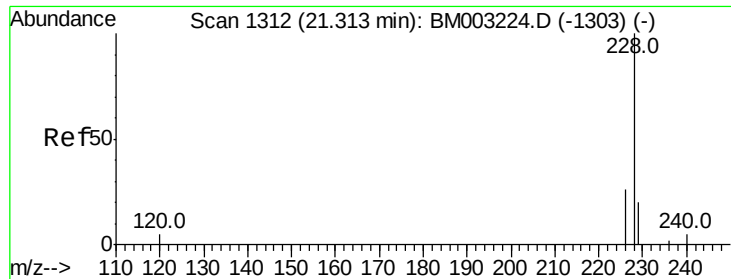
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#19
Pyrene
Concen: 4.55 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	952255		
200	24.0		17.8	26.8
203	15.8		12.8	19.2





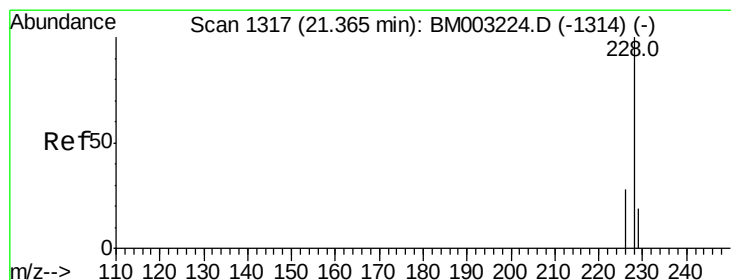
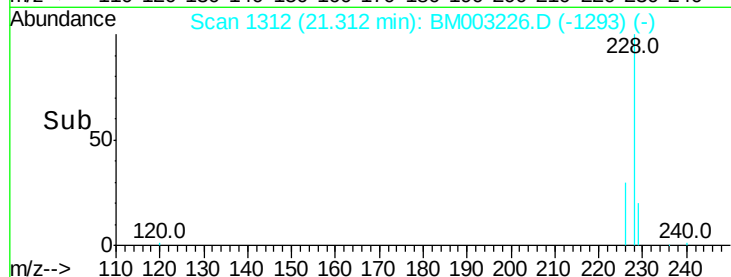
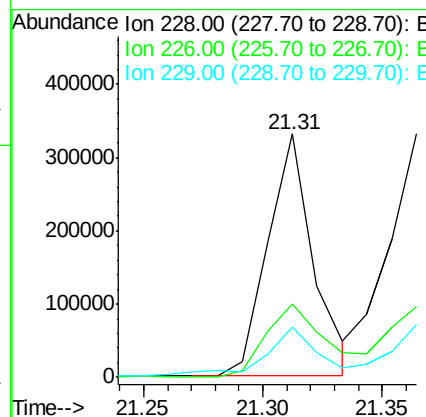
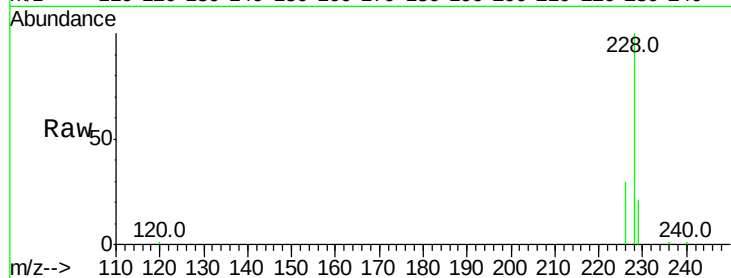
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Benzo(a)anthracene
Concen: 2.48 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Instrument :
BNA_M
ClientSampleId :
A4J47

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	18.8	28.2
229	20.6	17.1	25.7

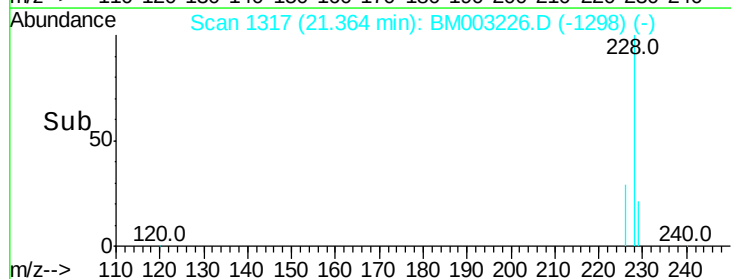
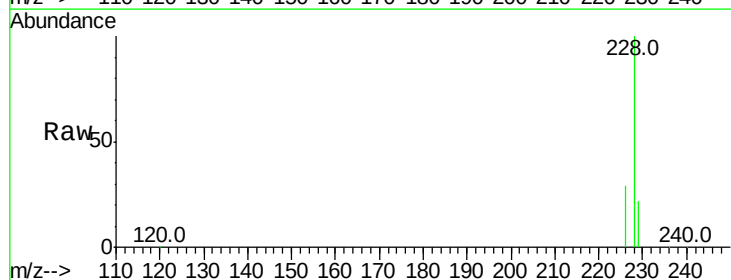
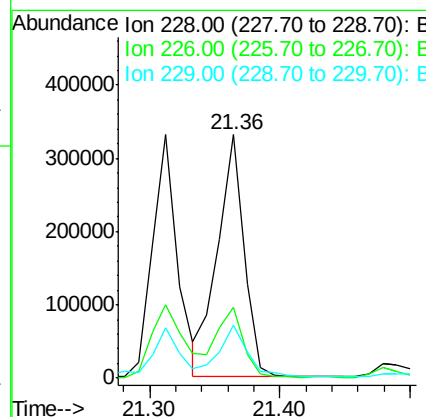
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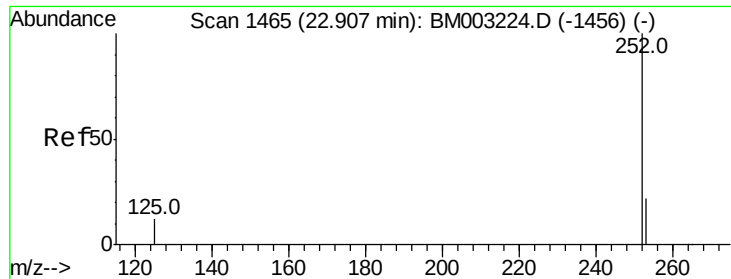
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#21
Chrysene
Concen: 2.34 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.2	31.8
229	21.8	17.0	25.6





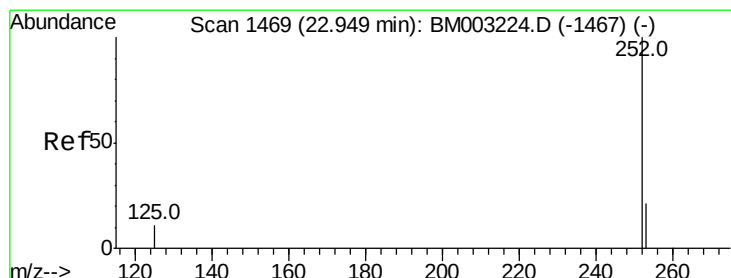
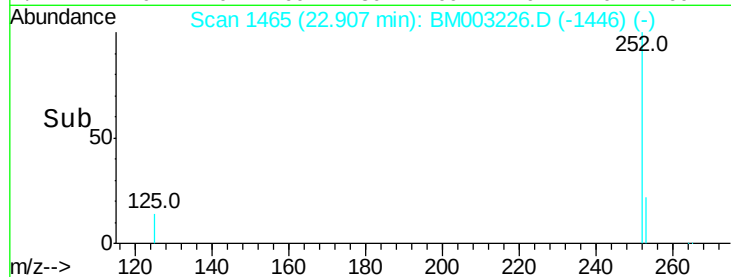
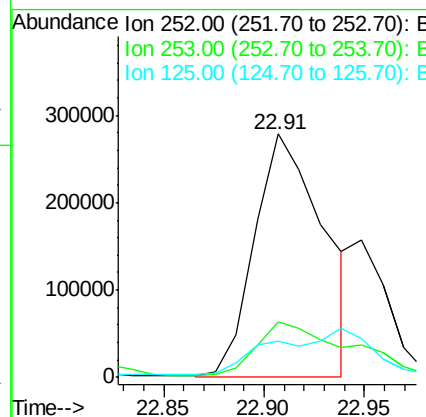
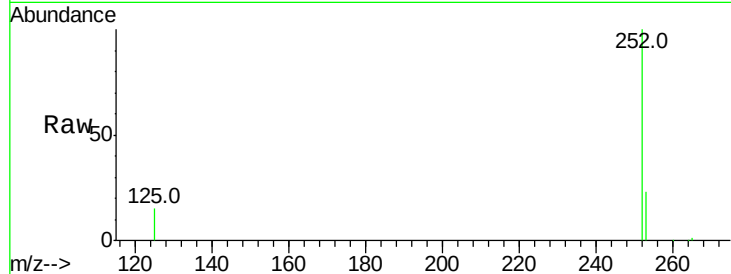
#23
Benzo(b)fluoranthene
Concen: 2.87 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Instrument :
BNA_M
ClientSampleId :
A4J47

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	0.0	45.4
125	14.6	0.0	28.8

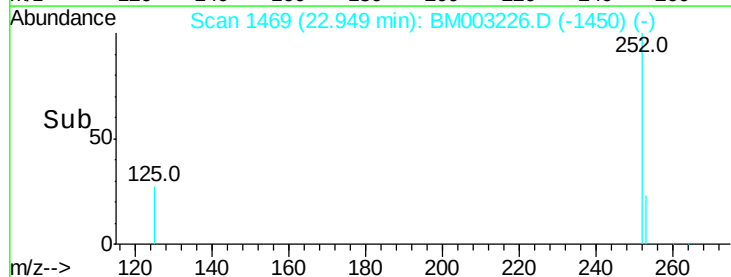
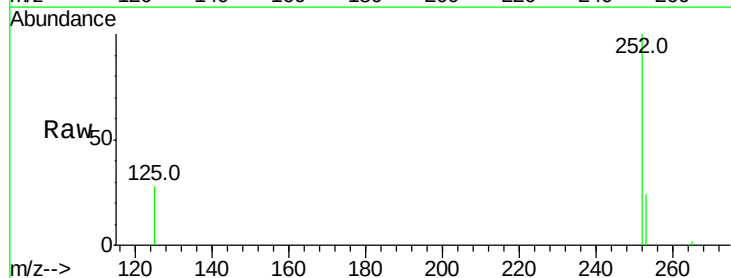
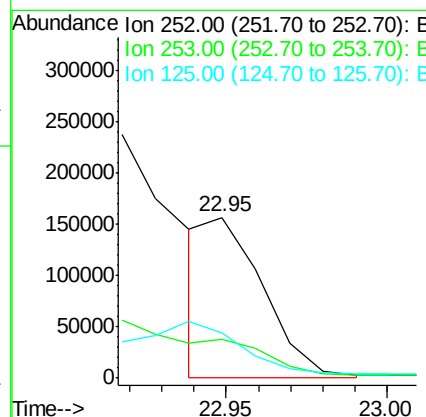
Manual Integrations
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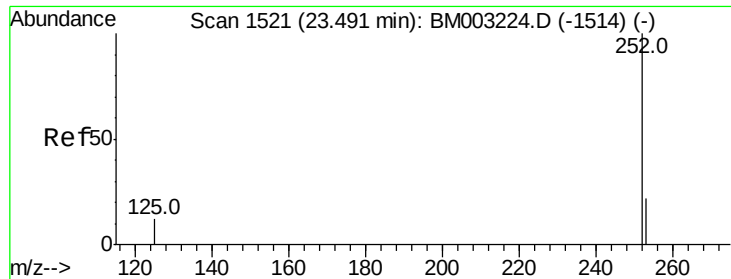
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#24
Benzo(k)fluoranthene
Concen: 0.87 ng/ul m
RT: 22.95 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	19.8	29.8
125	28.4	10.4	15.6#





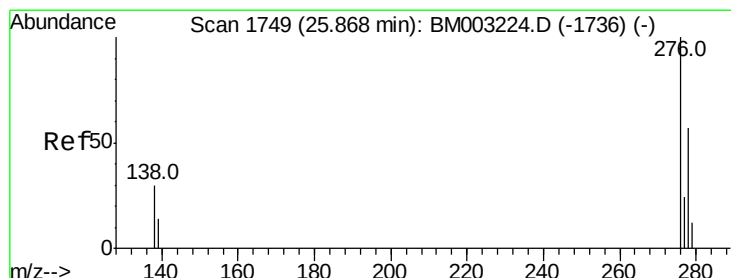
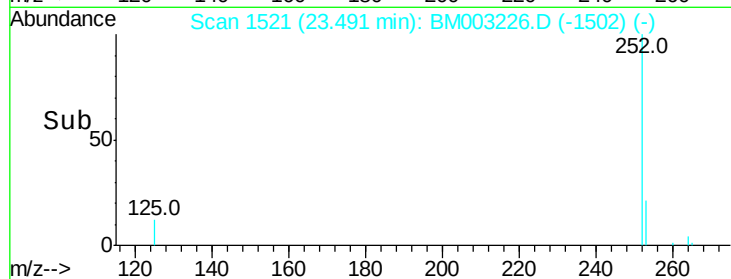
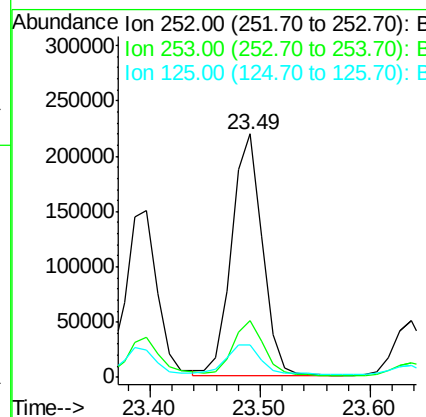
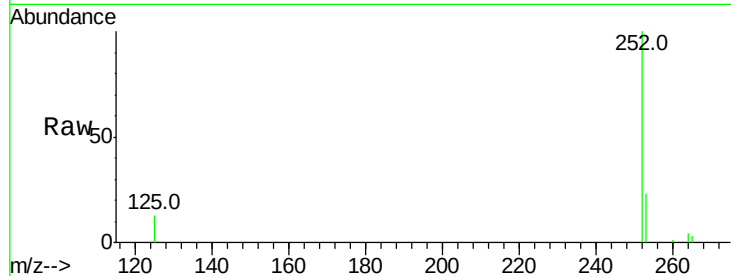
#25
Benzo(a)pyrene
Concen: 2.03 ng/ul
RT: 23.49 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Instrument :
BNA_M
ClientSampleId :
A4J47

Tot Ion	Ratio	Resp	Lower	Upper
252	100	421717		
253	23.2		19.4	29.2
125	13.1		12.7	19.1

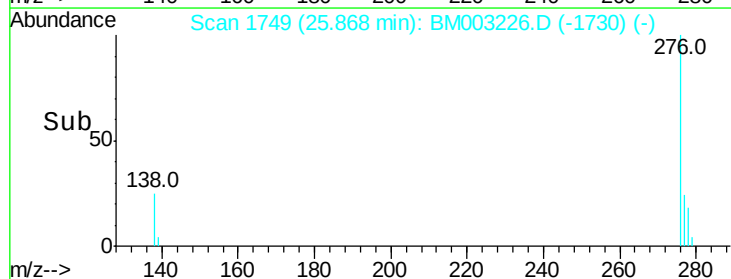
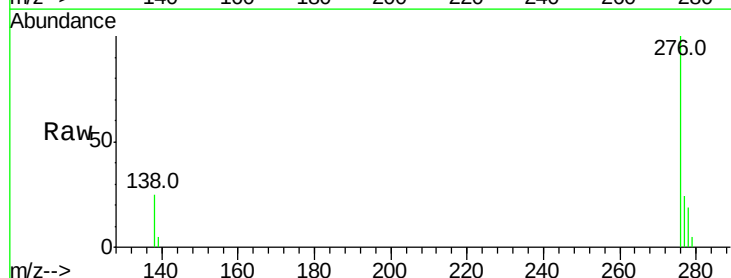
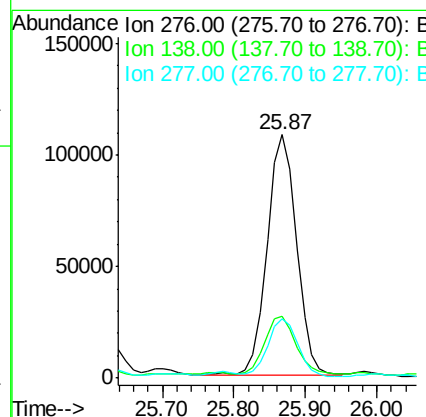
Manual Integrations
APPROVED

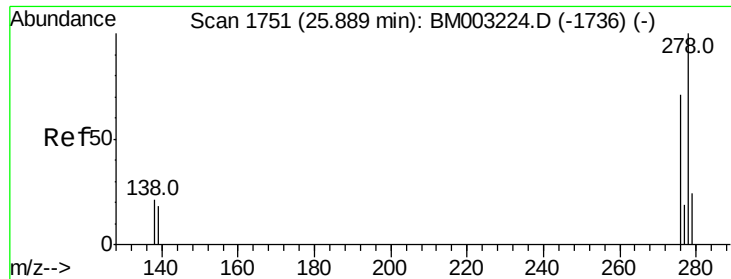
Mmdadoda
11/23/2015 6:58:42 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 1.25 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	310573		
138	25.7		16.3	24.5#
277	23.7		19.8	29.8





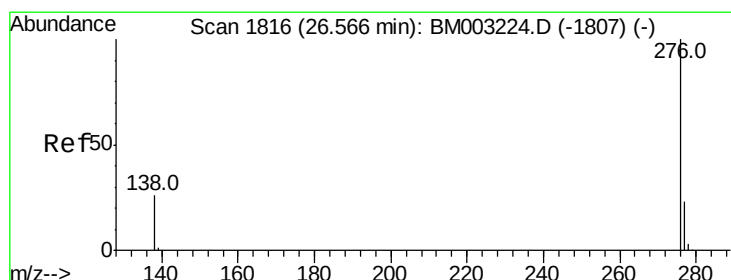
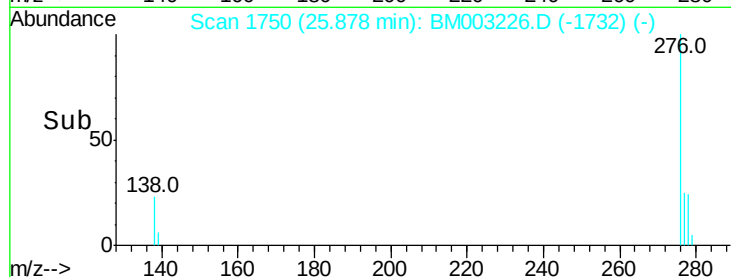
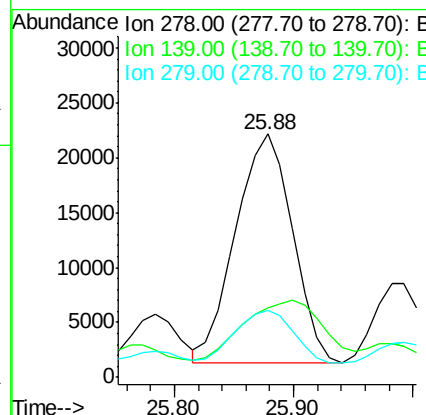
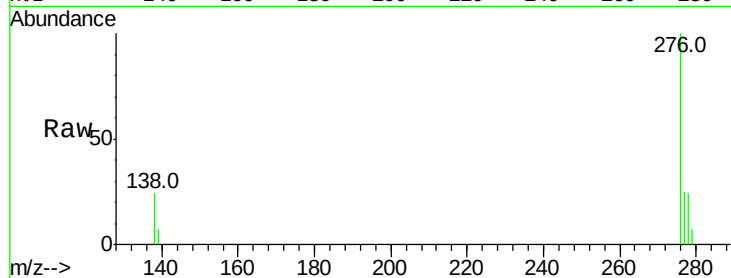
#27
Dibenzo(a,h)anthracene
Concen: 0.34 ng/ul
RT: 25.88 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Instrument :
BNA_M
ClientSampleId :
A4J47

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.7	16.4	24.6
279	27.5	20.2	30.2

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:42 PM



#28
Benzo(g,h,i)perylene
Concen: 1.16 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BM003226.D
Acq: 20 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	26.7	22.5	33.7

