

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003236.D
 Acq On : 21 Nov 2015 00:08
 Operator : UM/IZ
 Sample : G4322-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HS9

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 6:59:13 PM

Quant Time: Nov 23 11:51:20 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	13755	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	53172	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28113	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	55766	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	56077	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	56011	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	43503	2.96	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	11450	0.16	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	19613	0.14	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	10269	0.08	ng/ul#	95
9) Acenaphthylene	14.09	152	12659	0.11	ng/ul	97
10) Acenaphthene	14.43	153	4596	0.05	ng/ul#	76
11) Fluorene	15.44	166	5952	0.06	ng/ul#	95
13) Pentachlorophenol	16.78	266	1257	0.10	ng/ul	94
14) Phenanthrene	17.16	178	144169m	0.89	ng/ul	
15) Anthracene	17.26	178	27656	0.20	ng/ul	98
17) Fluoranthene	19.19	202	324545	1.81	ng/ul	99
19) Pyrene	19.55	202	281786	1.47	ng/ul	99
20) Benzo(a)anthracene	21.30	228	132955	0.82	ng/ul#	89
21) Chrysene	21.35	228	166514m	0.91	ng/ul	
23) Benzo(b)fluoranthene	22.90	252	221274m	1.04	ng/ul	
25) Benzo(a)pyrene	23.48	252	135601	0.72	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	25.86	276	99669	0.44	ng/ul#	93
27) Dibenzo(a,h)anthracene	25.87	278	24312	0.13	ng/ul#	82
28) Benzo(a,h,i)perylene	26.56	276	77243	0.39	ng/ul	99

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

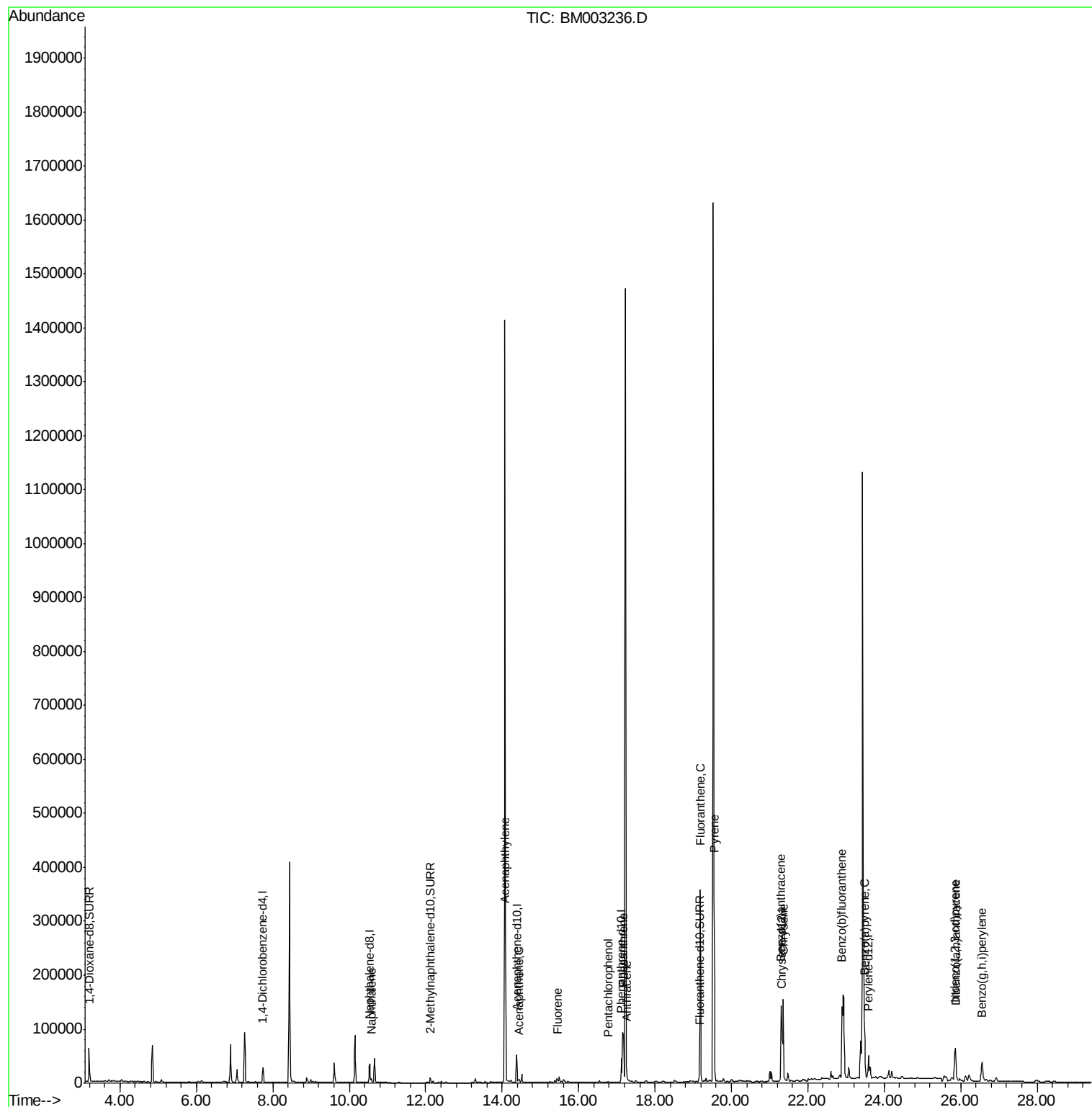
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
Data File : BM003236.D
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ALS Vial : 21 Sample Multiplier: 1

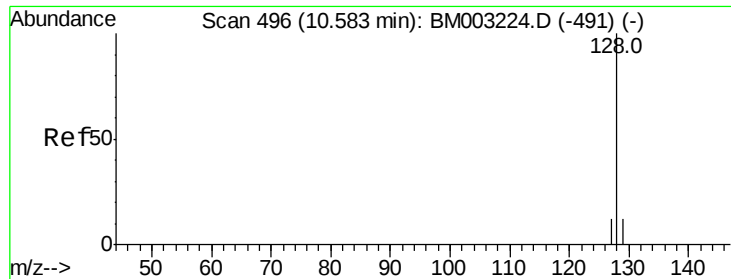
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:24:04 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.08 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.01 min

Lab File: BM003236.D

Acq: 21 Nov 2015 00:08

Instrument :

BNA_M

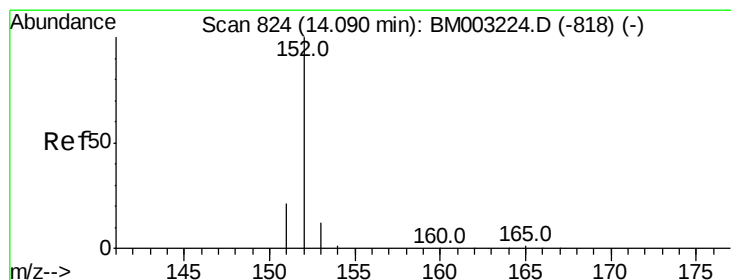
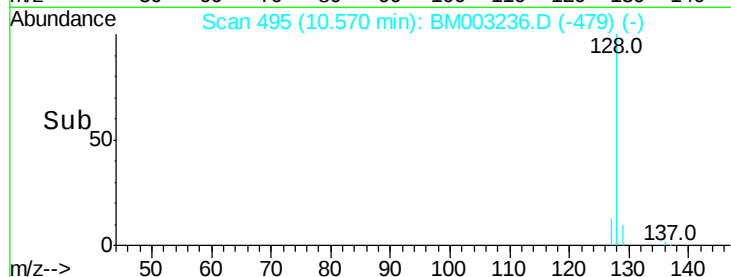
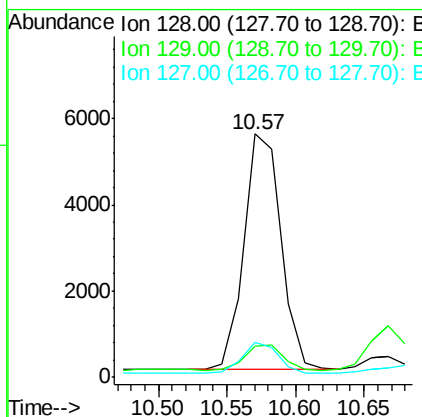
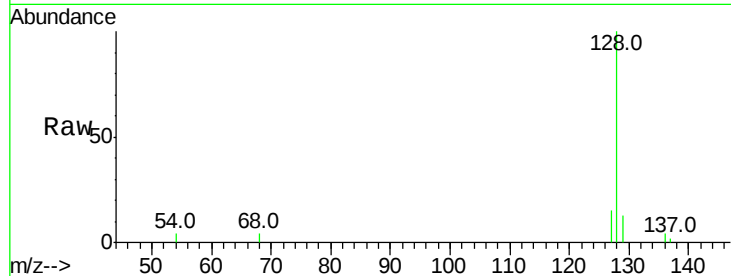
ClientSampleId :

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Tot Ion:	128	Resp:	10269
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.0	13.6
127	14.6	9.6	14.4



#9

Acenaphthylene

Concen: 0.11 ng/ul

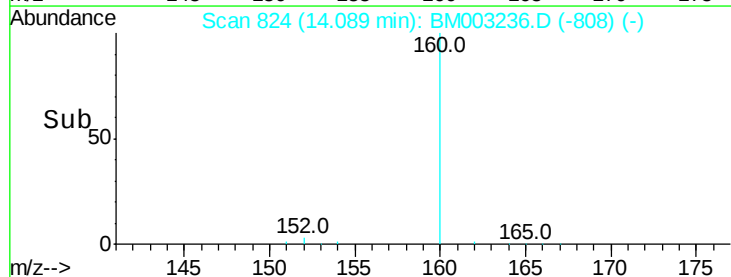
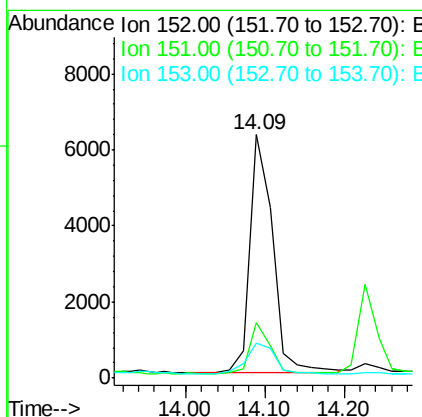
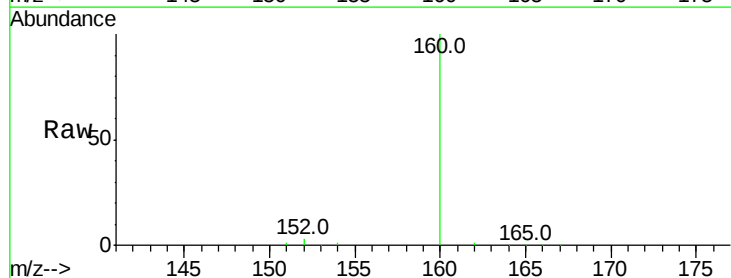
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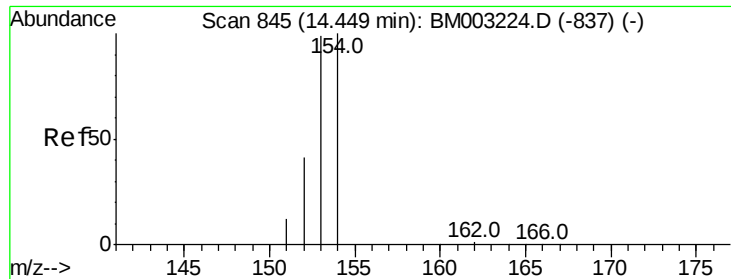
Delta R.T. -0.00 min

Lab File: BM003236.D

Acq: 21 Nov 2015 00:08

Tgt Ion:	152	Resp:	12659
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.6	26.4
153	14.2	9.7	14.5





#10

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM003236.D

Acq: 21 Nov 2015 00:08

Instrument :

BNA_M

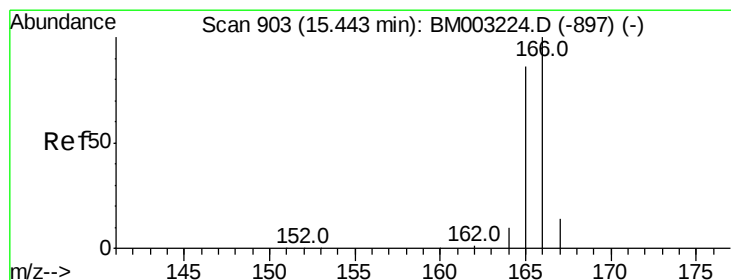
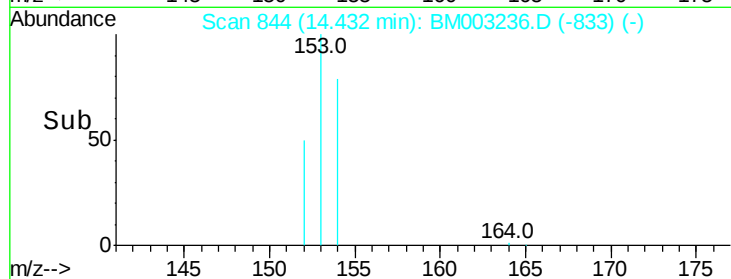
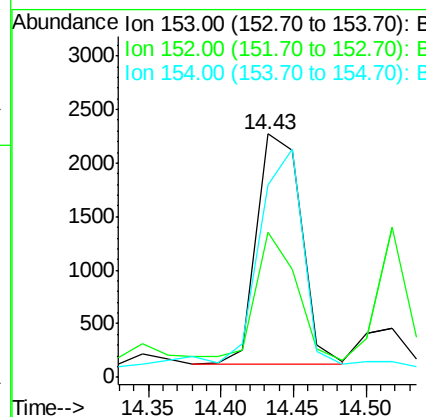
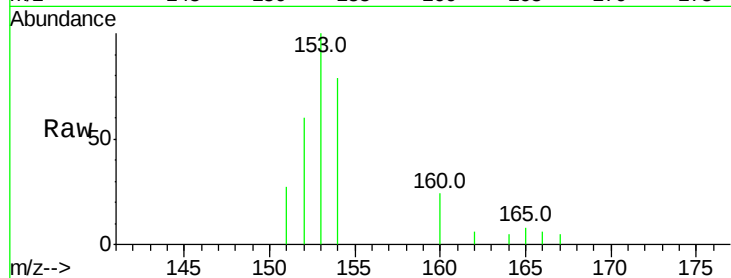
ClientSampleId :

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Tot Ion:	153	Resp:	4596
Ion Ratio	Lower	Upper	
153	100		
152	59.8	33.9	50.9#
154	78.8	80.6	121.0#



#11

Fluorene

Concen: 0.06 ng/ul

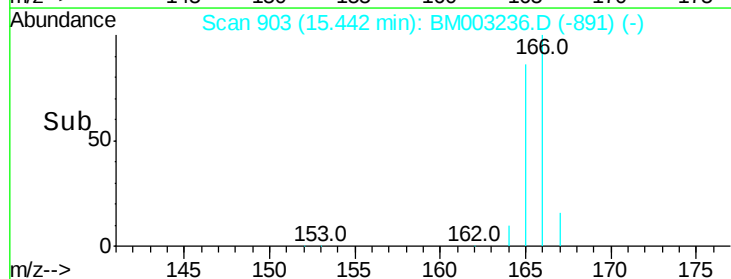
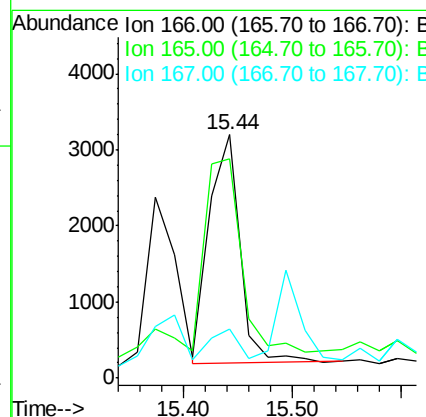
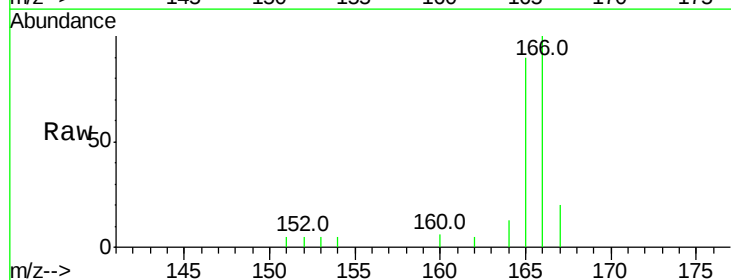
RT: 15.44 min Scan# 903

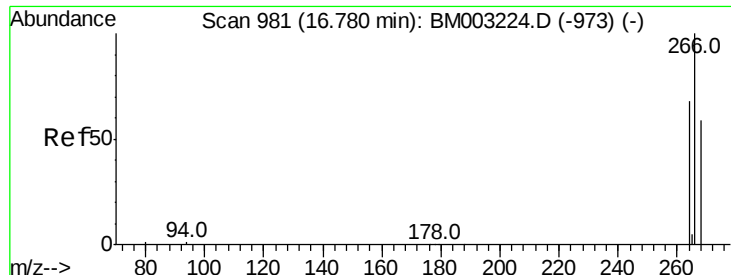
Delta R.T. -0.00 min

Lab File: BM003236.D

Acq: 21 Nov 2015 00:08

Tgt Ion:	166	Resp:	5952
Ion Ratio	Lower	Upper	
166	100		
165	90.2	69.6	104.4
167	20.1	11.9	17.9#





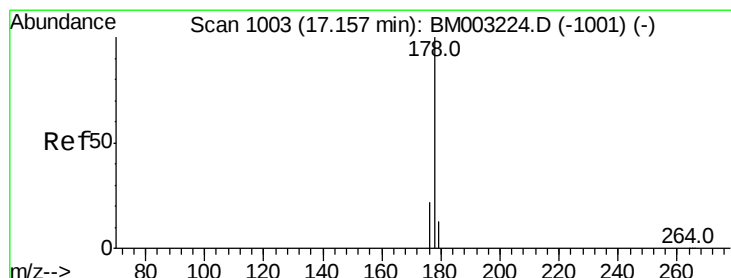
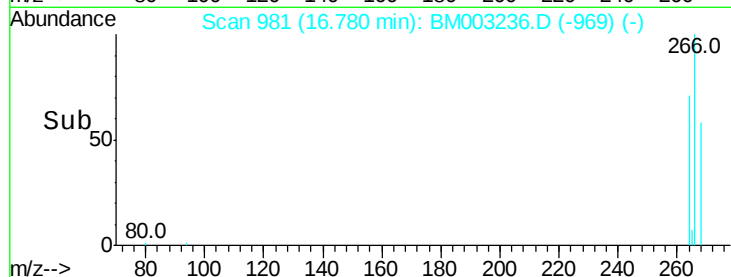
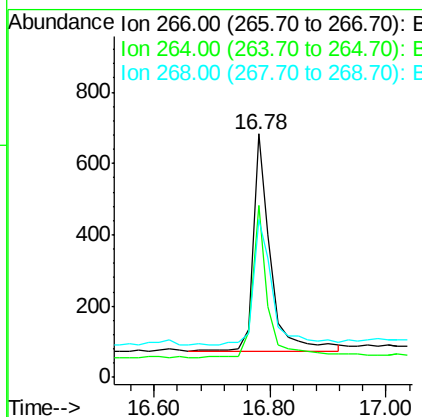
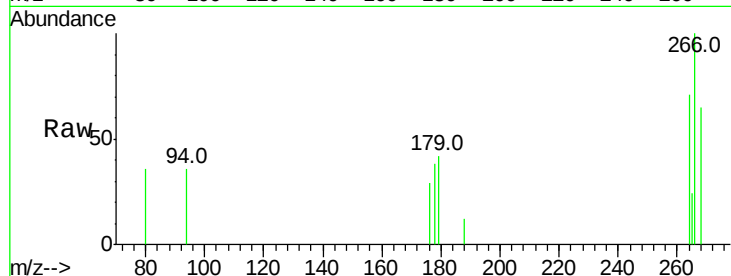
#13
 Pentachlorophenol
 Concen: 0.10 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003236.D
 Acq: 21 Nov 2015 00:08

Instrument :
 BNA_M
 ClientSampleId :
 A4HS9

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.8	77.8
268	66.9	46.8	70.2

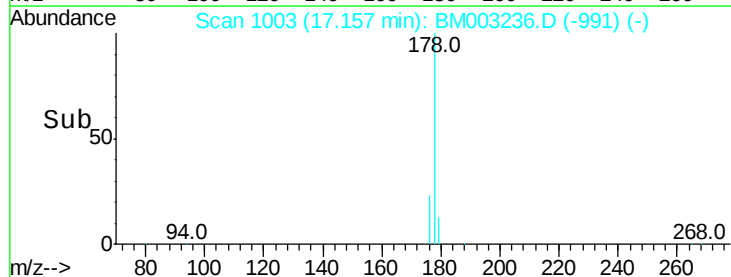
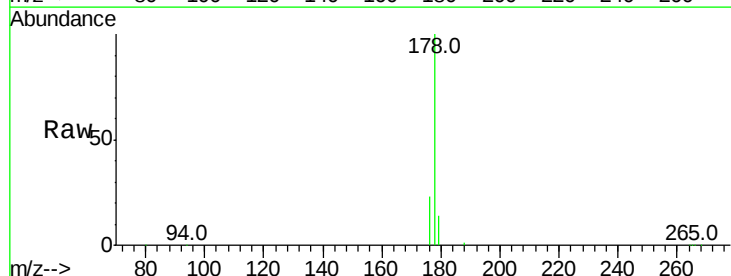
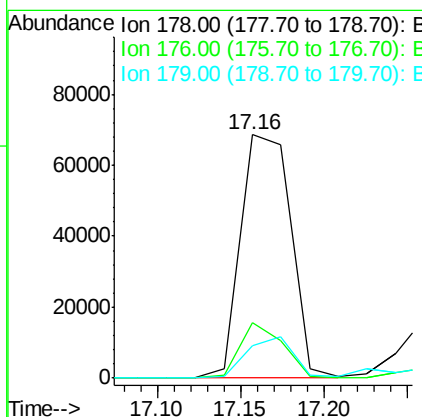
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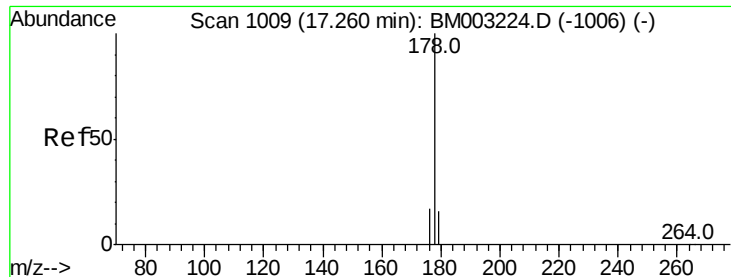
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#14
 Phenanthrene
 Concen: 0.89 ng/ul m
 RT: 17.16 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM003236.D
 Acq: 21 Nov 2015 00:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	13.0	19.4#
179	13.5	14.2	21.2#





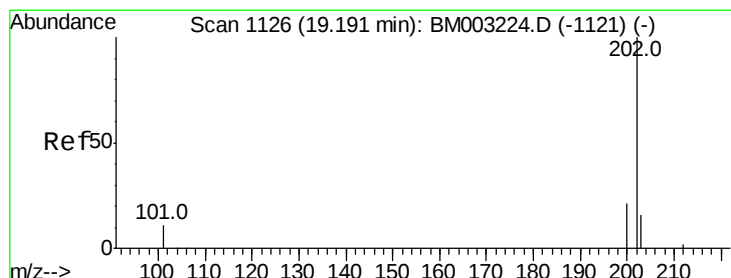
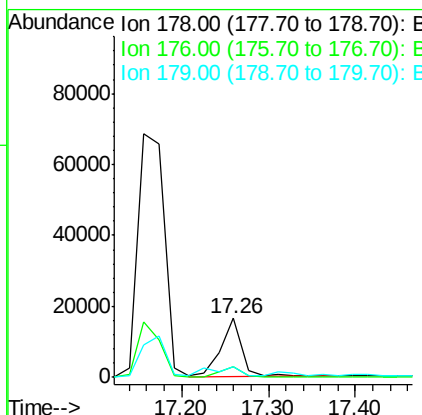
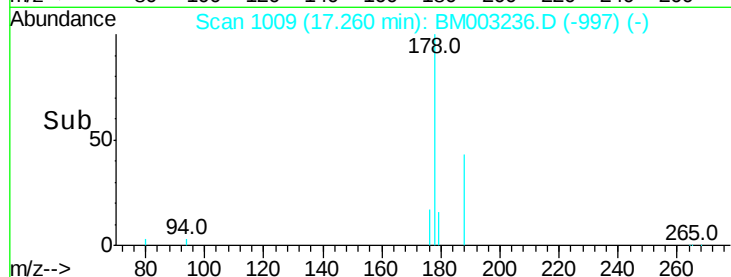
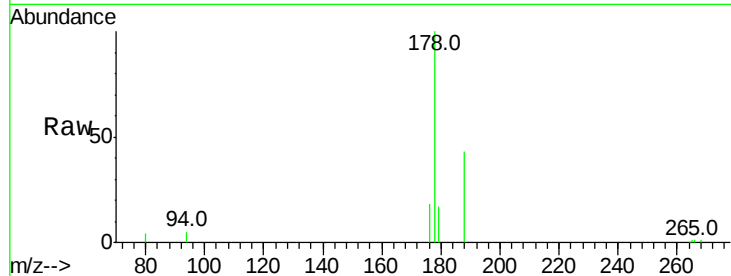
#15
 Anthracene
 Concen: 0.20 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BM003236.D
 Acq: 21 Nov 2015 00:08

Instrument :
 BNA_M
 ClientSampleId :
 A4HS9

Tot Ion:178 Resp: 27656
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.0 21.0
 179 17.5 12.9 19.3

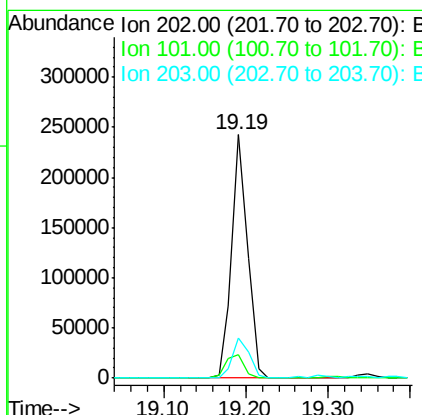
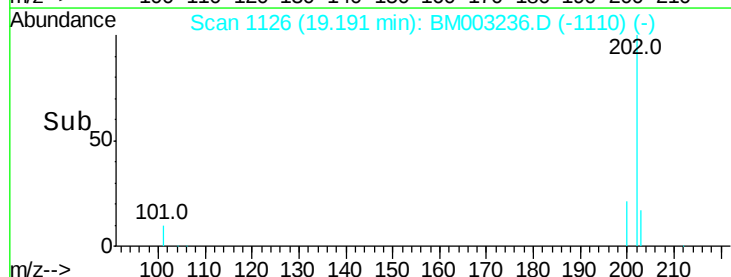
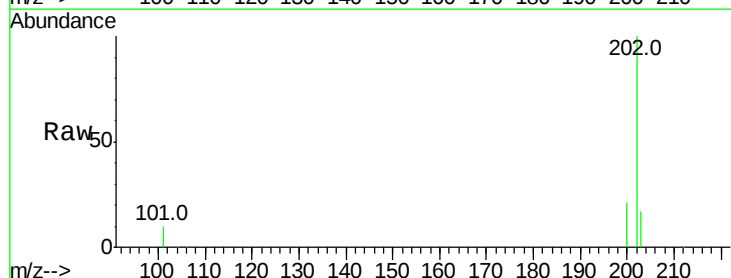
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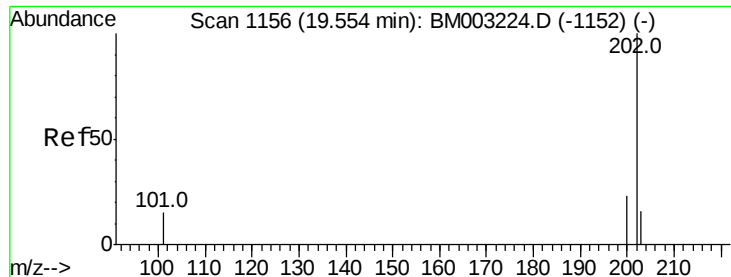
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#17
 Fluoranthene
 Concen: 1.81 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003236.D
 Acq: 21 Nov 2015 00:08

Tgt Ion:202 Resp: 324545
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 29.6
 203 16.7 0.0 36.3





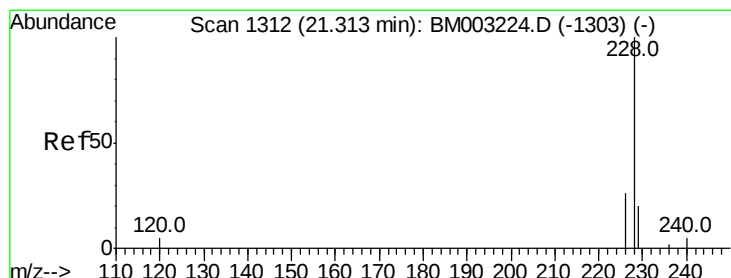
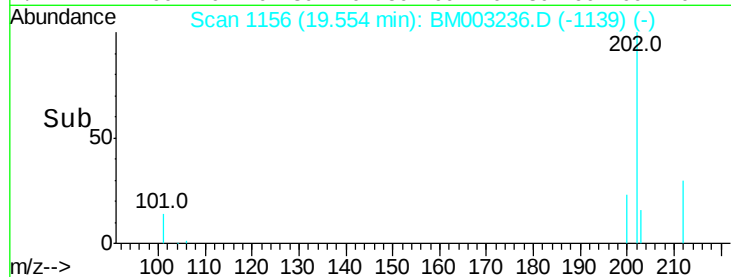
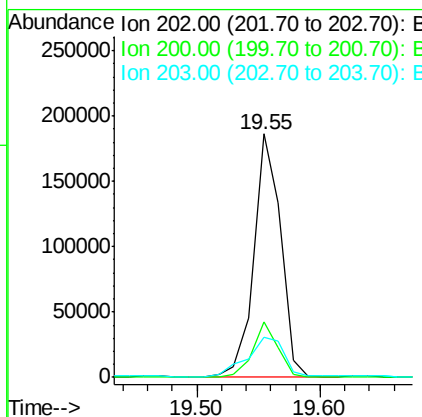
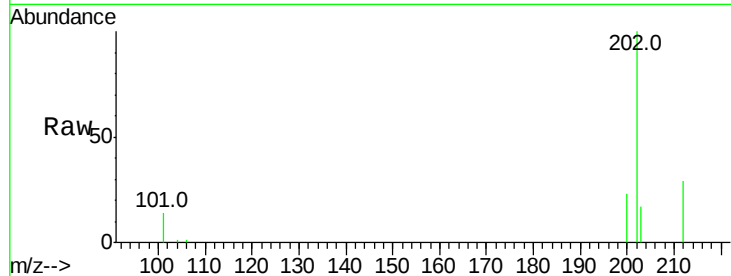
#19
Pvrene
Concen: 1.47 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003236.D
Acq: 21 Nov 2015 00:08

Instrument :
BNA_M
ClientSampleId :
A4HS9

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.8
203	16.6	12.8	19.2

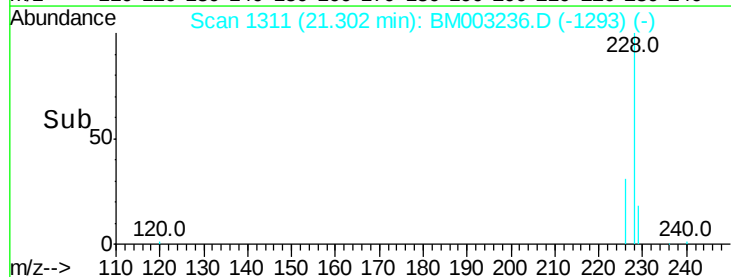
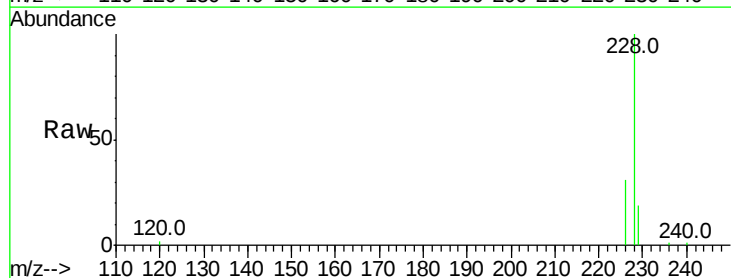
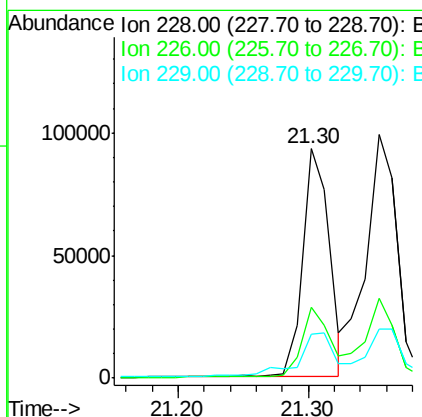
Manual Integrations
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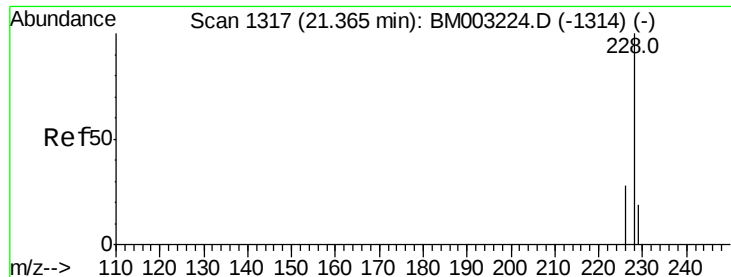
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#20
Benzo(a)anthracene
Concen: 0.82 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003236.D
Acq: 21 Nov 2015 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	18.8	28.2#
229	18.9	17.1	25.7





#21

Chrysene

Concen: 0.91 ng/ul m

RT: 21.35 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003236.D

Acq: 21 Nov 2015 00:08

Instrument :

BNA_M

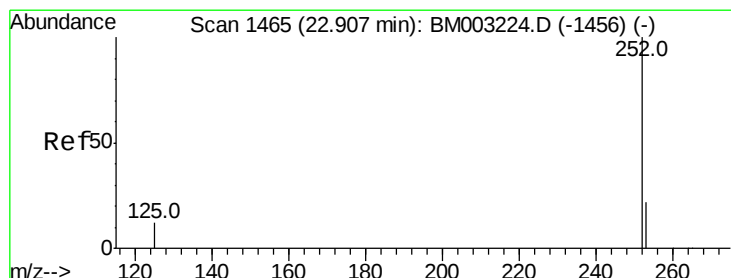
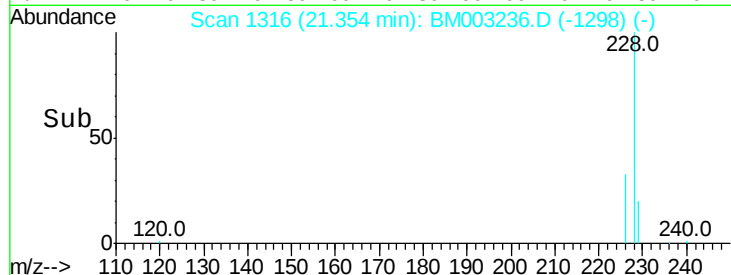
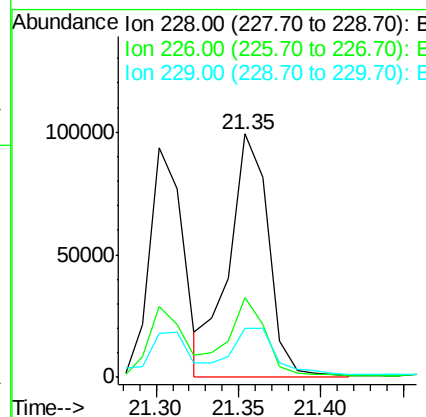
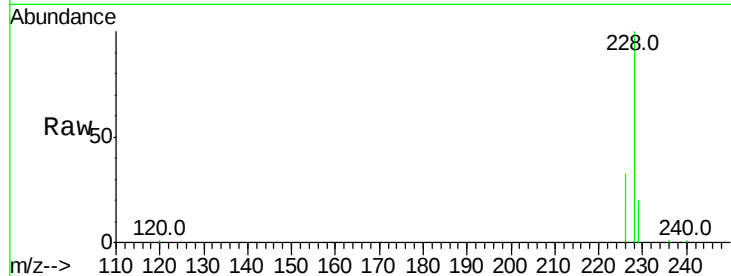
ClientSampleId :

A4HS9

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.2	31.8#
229	20.3	17.0	25.6

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 1.04 ng/ul m

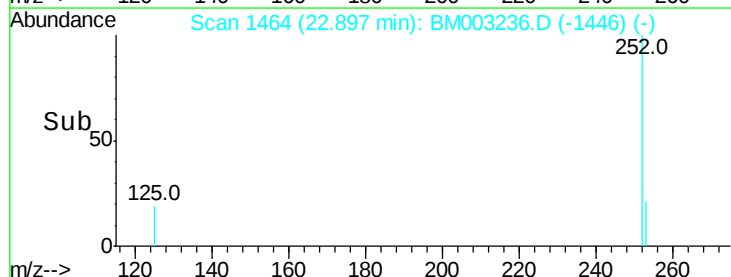
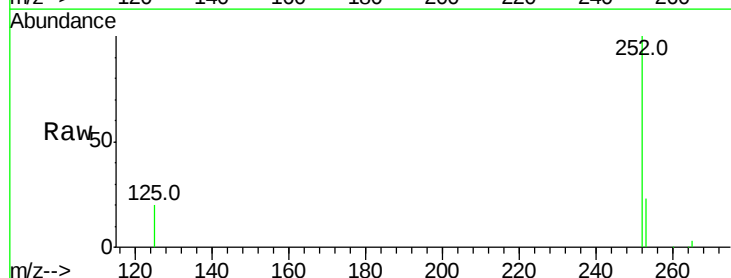
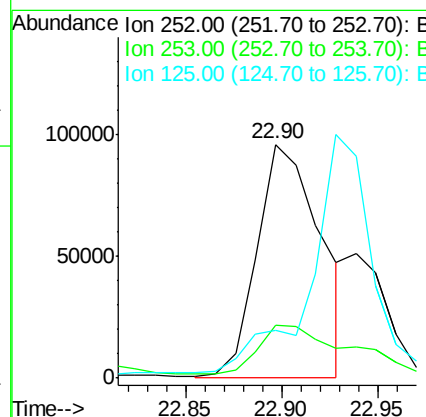
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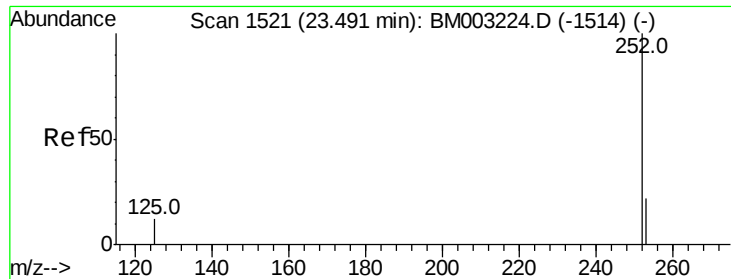
Delta R.T. -0.01 min

Lab File: BM003236.D

Acq: 21 Nov 2015 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	45.4
125	20.4	0.0	28.8





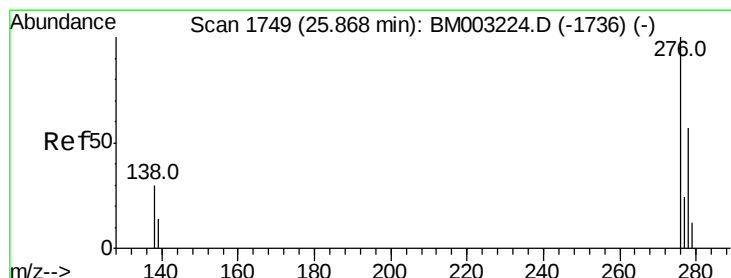
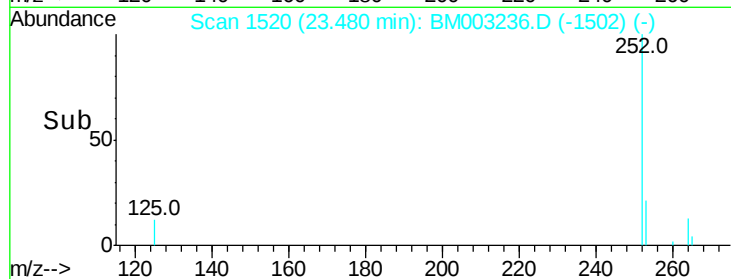
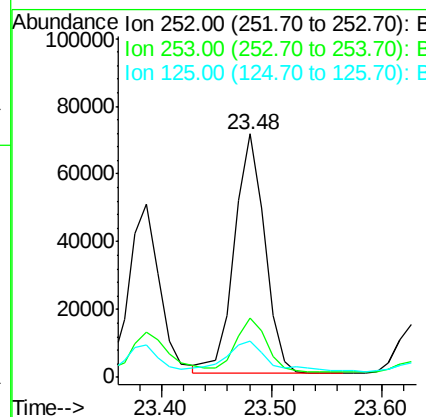
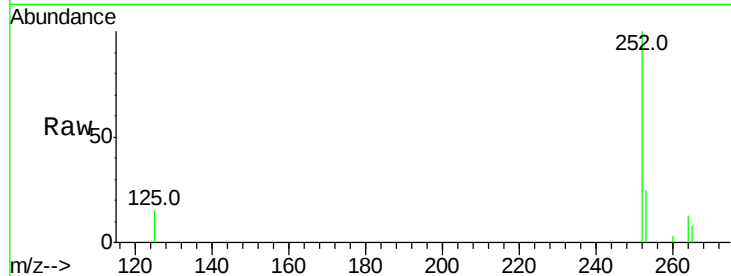
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Benzo(a)pyrene
Concen: 0.72 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM003236.D
Acq: 21 Nov 2015 00:08

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.2
125	14.8	12.7	19.1

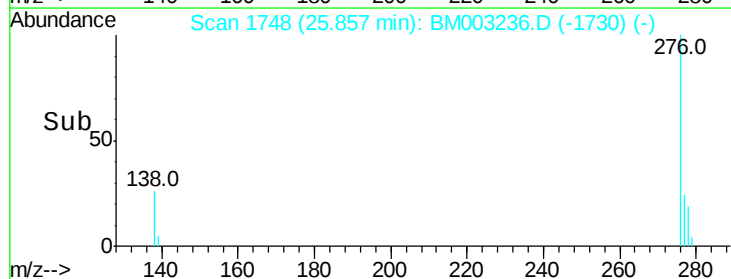
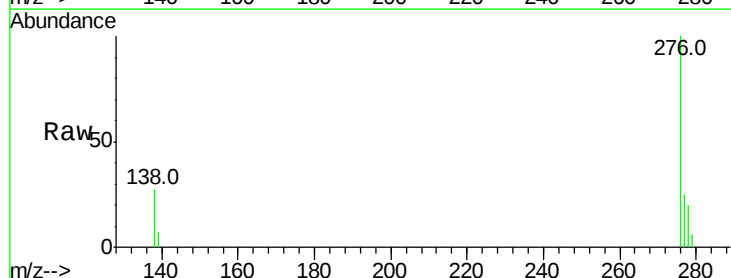
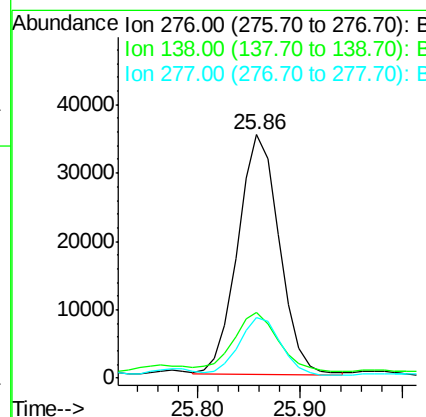
Manual Integrations
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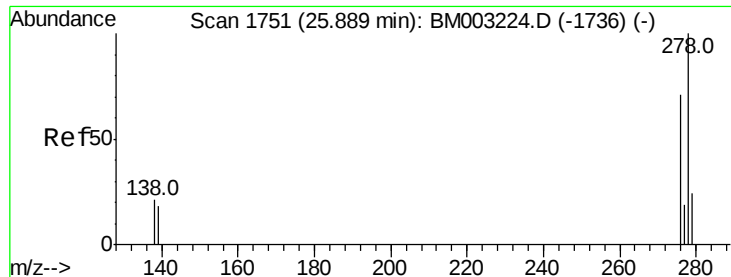
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#26
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM003236.D
Acq: 21 Nov 2015 00:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	16.3	24.5#
277	23.8	19.8	29.8





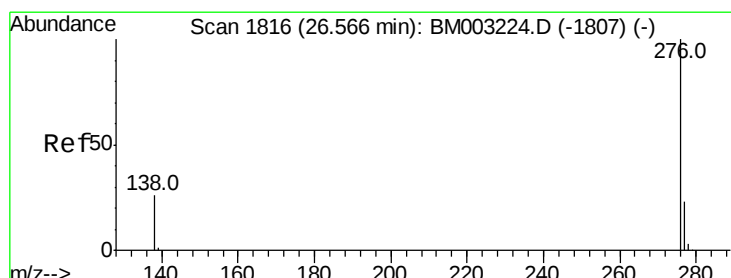
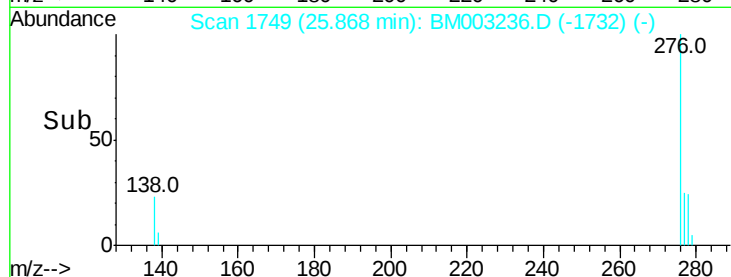
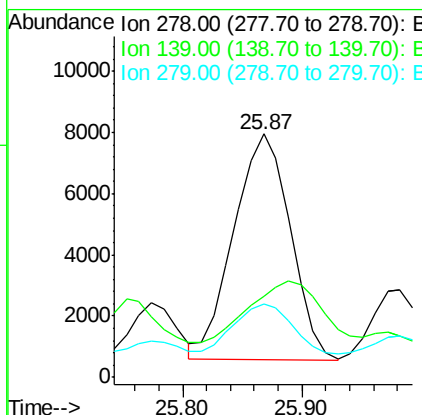
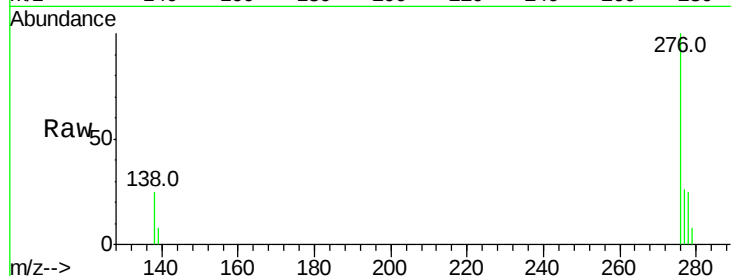
#27
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BM003236.D
Acq: 21 Nov 2015 00:08

Instrument :
BNA_M
ClientSampleId :
A4HS9

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.2	16.4	24.6#
279	30.3	20.2	30.2#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:59:13 PM



#28
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM003236.D
Acq: 21 Nov 2015 00:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	28.8	22.5	33.7

