

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003232.D
 Acq On : 20 Nov 2015 21:44
 Operator : UM/IZ
 Sample : G4322-11DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HS2DL

Manual Integrations
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 11/23/2015 6:59:01 PM

Quant Time: Nov 23 11:38:01 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	12667	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	47720	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	22772	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	46704	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	50488	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	49037	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	3771	0.28	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	994	0.02	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	1882	0.02	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.58	128	22006	0.18	ng/ul	98
7) 2-Methylnaphthalene	12.19	142	5899	0.07	ng/ul#	100
9) Acenaphthylene	14.09	152	6979	0.07	ng/ul#	96
10) Acenaphthene	14.43	153	7355	0.09	ng/ul#	74
11) Fluorene	15.44	166	8974m	0.10	ng/ul	
14) Phenanthrene	17.16	178	147005m	1.08	ng/ul	
15) Anthracene	17.26	178	36751	0.32	ng/ul	99
17) Fluoranthene	19.19	202	232031	1.54	ng/ul	98
19) Pyrene	19.55	202	239932	1.39	ng/ul	99
20) Benzo(a)anthracene	21.31	228	148689m	1.02	ng/ul	
21) Chrysene	21.36	228	126717	0.77	ng/ul	96
23) Benzo(b)fluoranthene	22.91	252	146494m	0.79	ng/ul	
24) Benzo(k)fluoranthene	22.93	252	58781m	0.33	ng/ul	
25) Benzo(a)pyrene	23.48	252	123343	0.74	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	75793	0.38	ng/ul#	85
28) Benzo(a,h,i)perylene	26.57	276	72914	0.42	ng/ul	98

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

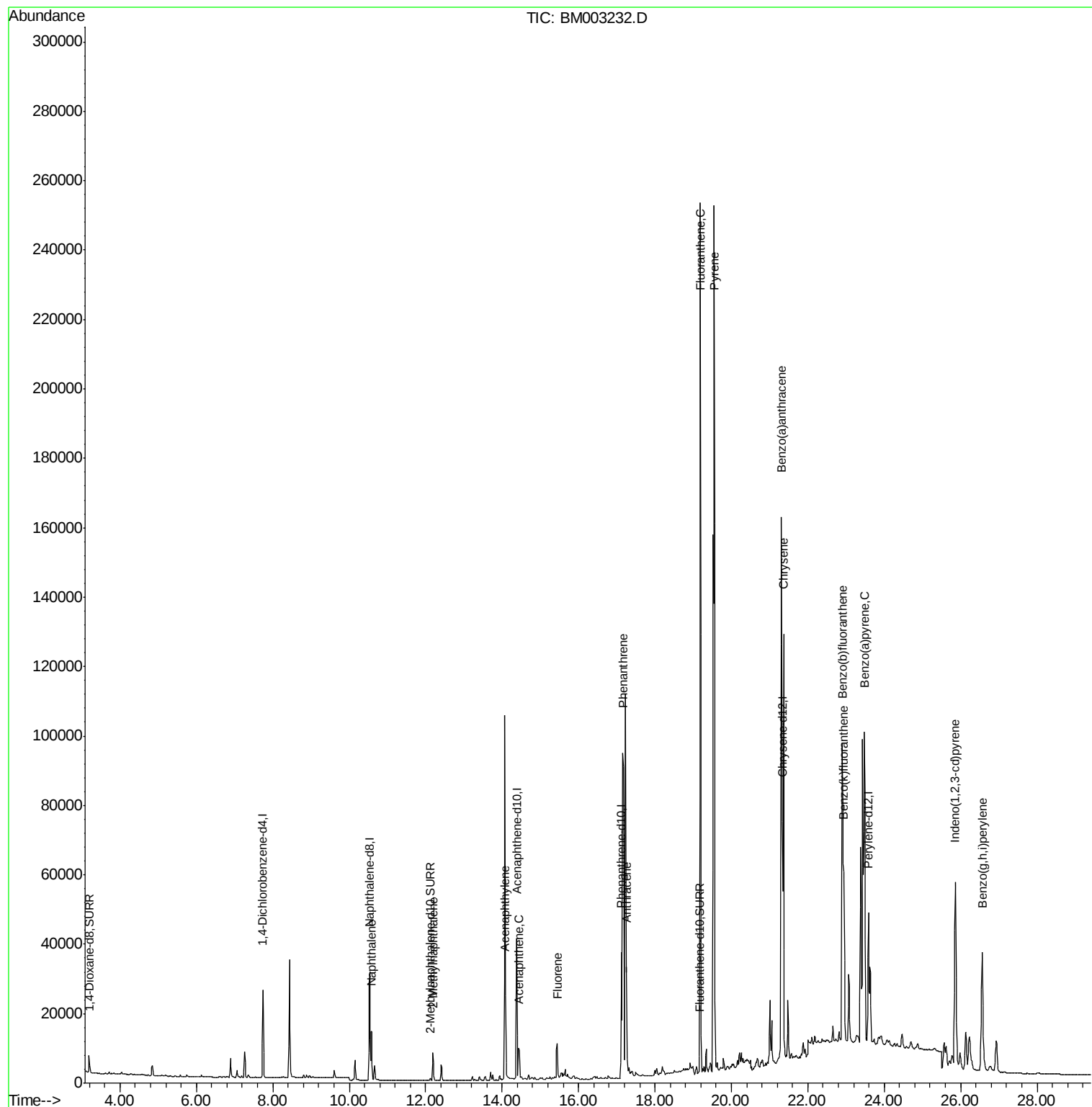
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
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ALS Vial : 17 Sample Multiplier: 1

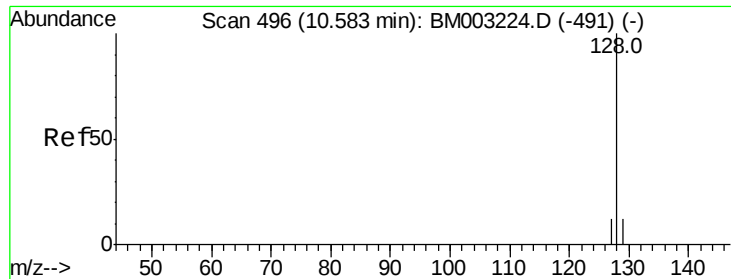
Instrument :
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A4HS2DL

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Quant Time: Nov 23 11:38:01 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





#5

Naphthalene

Concen: 0.18 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. -0.00 min

Lab File: BM003232.D

Acq: 20 Nov 2015 21:44

Instrument :

BNA_M

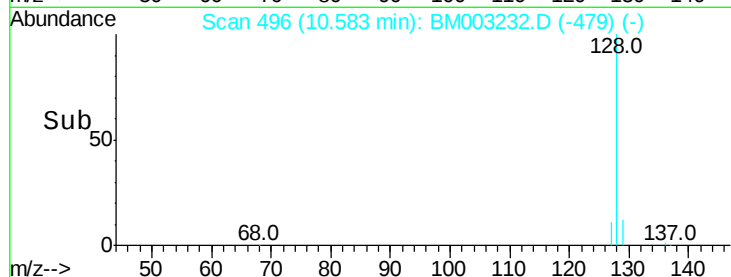
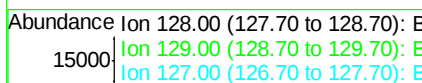
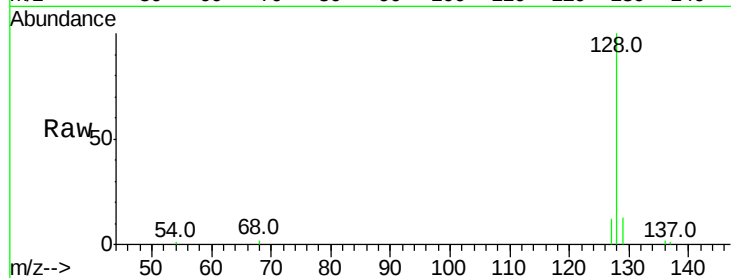
ClientSampleId :

A4HS2DL

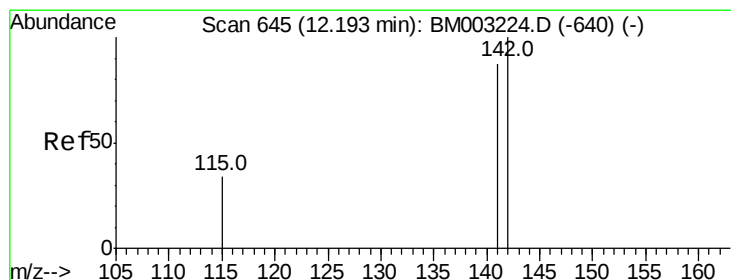
Tot Ion:	128	Resp:	22006
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.0	13.6
127	12.0	9.6	14.4

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Time-->



#7

2-Methylnaphthalene

Concen: 0.07 ng/ul

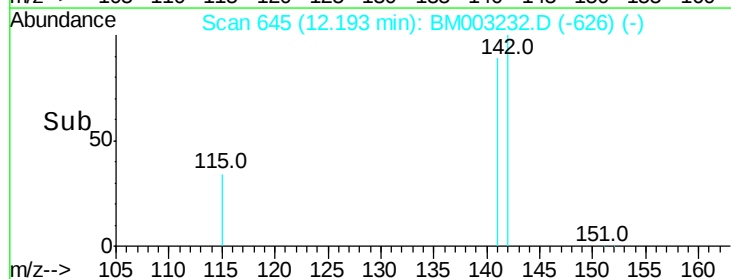
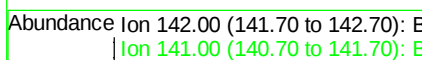
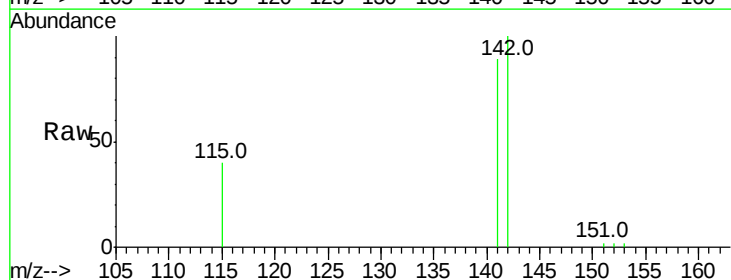
RT: 12.19 min Scan# 645

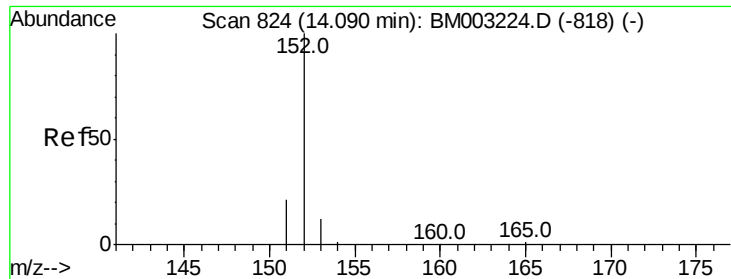
Delta R.T. -0.00 min

Lab File: BM003232.D

Acq: 20 Nov 2015 21:44

Tgt Ion:	142	Resp:	5899
Ion Ratio	Lower	Upper	
142	100		
141	87.3	0.0	0.0#





#9

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003232.D

Acq: 20 Nov 2015 21:44

Instrument :

BNA_M

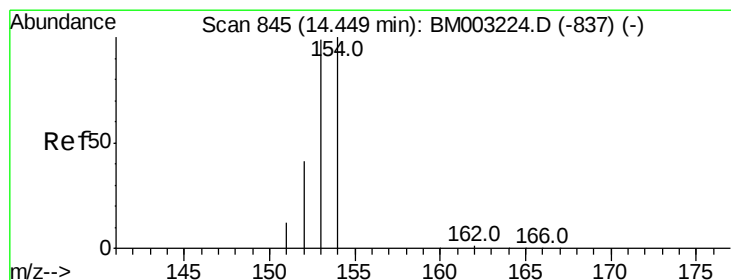
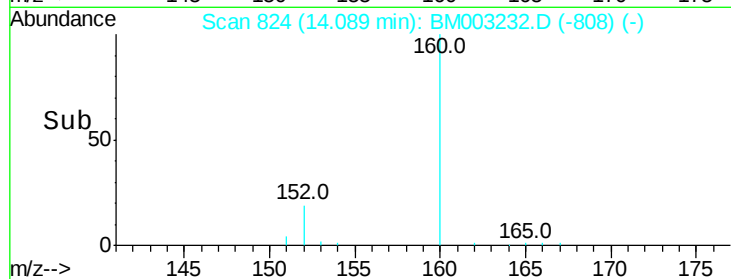
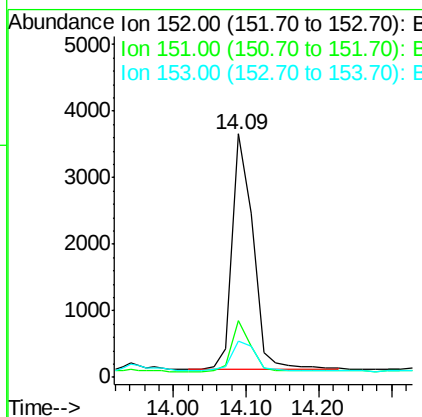
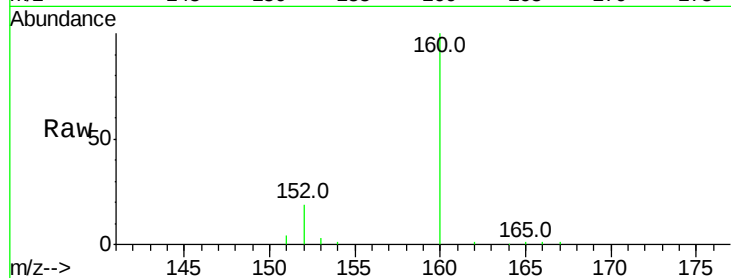
ClientSampleId :

A4HS2DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.4	17.6	26.4
153	14.9	9.7	14.5

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#10

Acenaphthene

Concen: 0.09 ng/ul

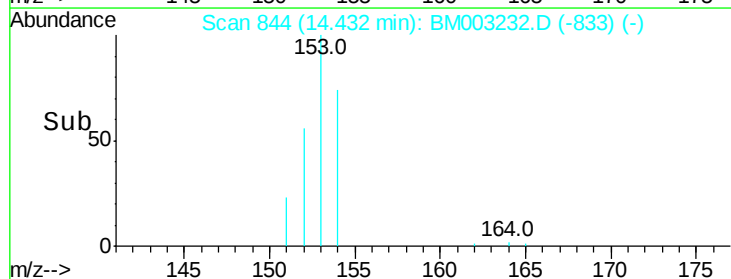
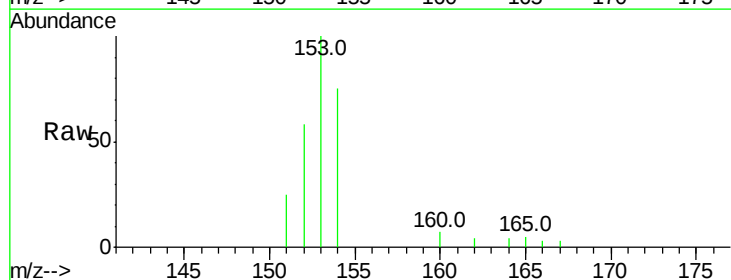
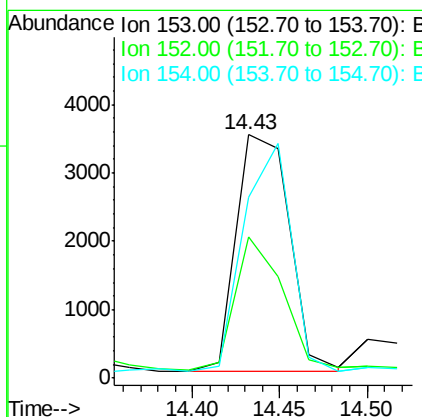
RT: 14.43 min Scan# 844

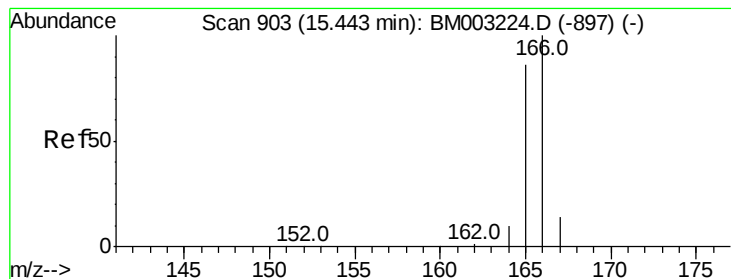
Delta R.T. -0.02 min

Lab File: BM003232.D

Acq: 20 Nov 2015 21:44

Tgt Ion	Ratio	Lower	Upper
153	100		
152	58.1	33.9	50.9
154	74.5	80.6	121.0





#11

Fluorene

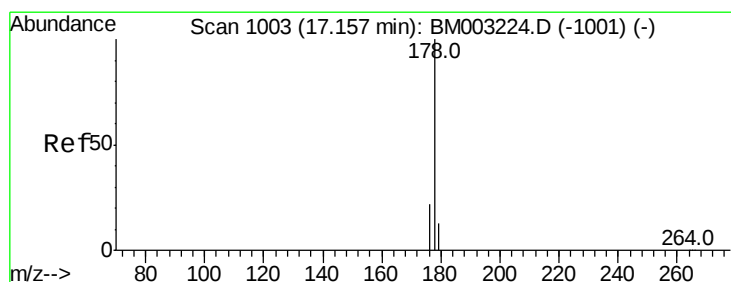
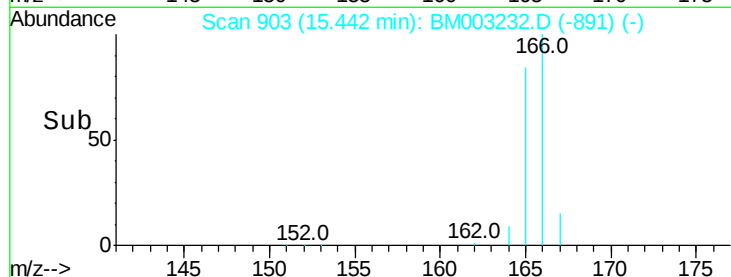
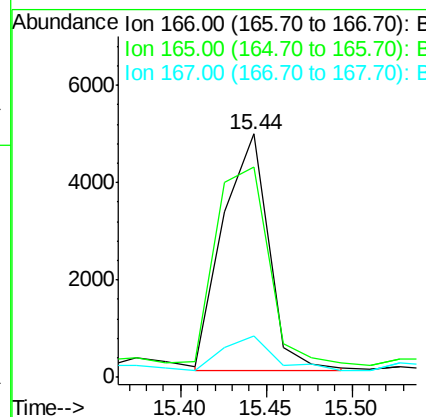
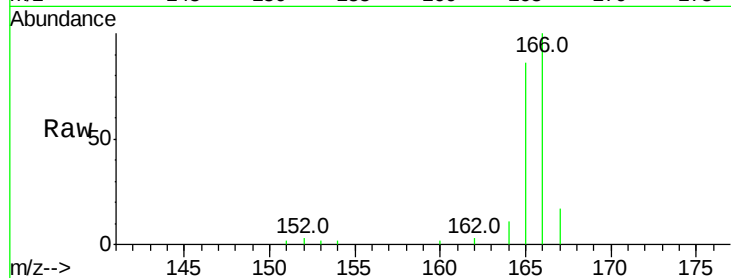
Concen: 0.10 ng/ul m
 RT: 15.44 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BM003232.D
 Acq: 20 Nov 2015 21:44

Instrument :
 BNA_M
 ClientSampleId :
 A4HS2DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	86.4	69.6	104.4
167	17.2	11.9	17.9

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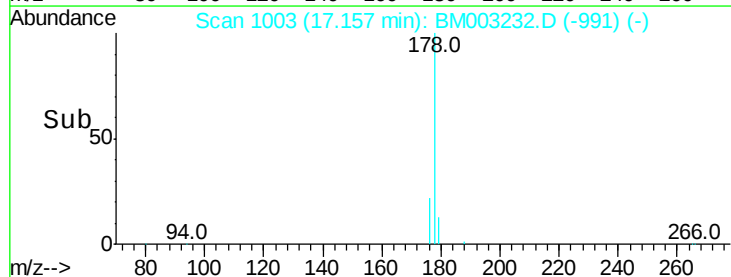
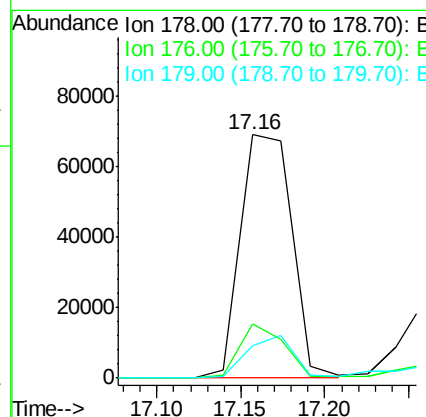
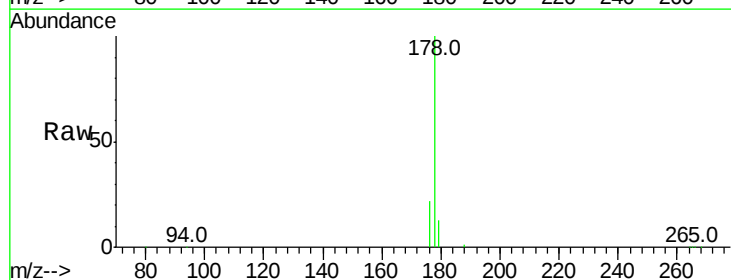


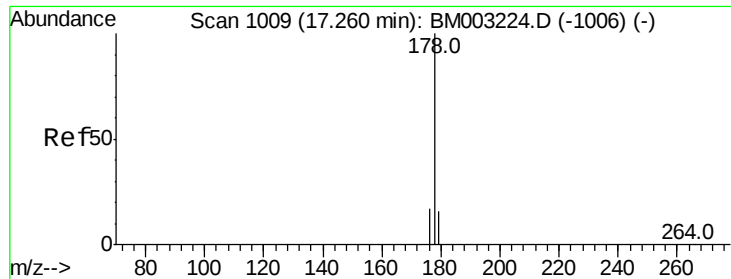
#14

Phenanthrene

Concen: 1.08 ng/ul m
 RT: 17.16 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM003232.D
 Acq: 20 Nov 2015 21:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	13.0	19.4#
179	13.4	14.2	21.2#





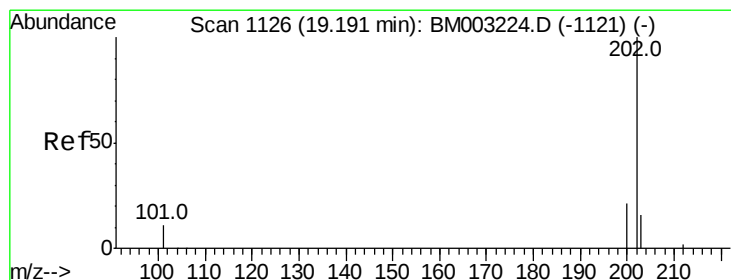
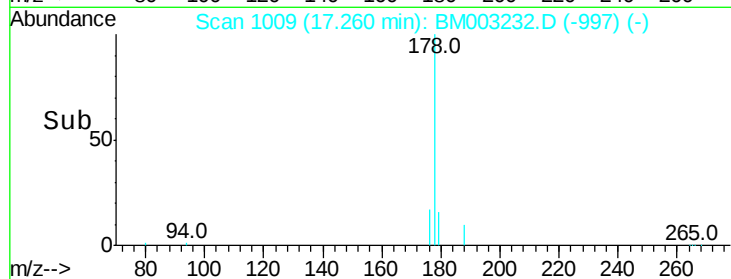
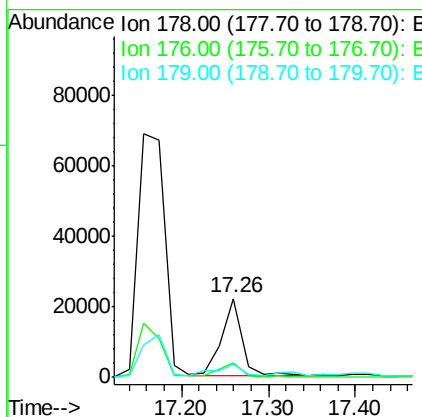
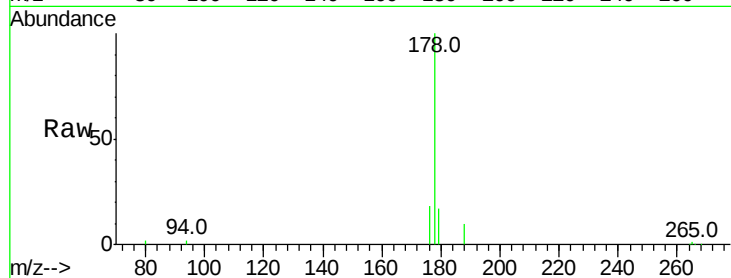
#15
 Anthracene
 Concen: 0.32 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BM003232.D
 Acq: 20 Nov 2015 21:44

Instrument :
 BNA_M
 ClientSampleId :
 A4HS2DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.0	21.0
179	17.1	12.9	19.3

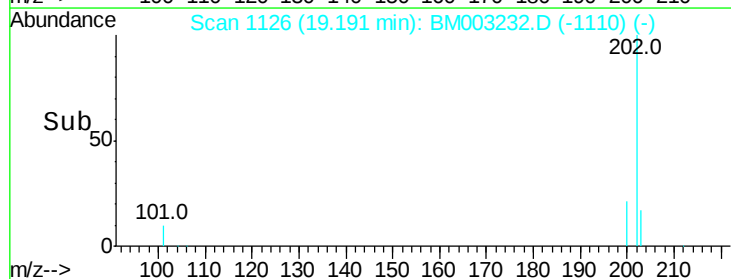
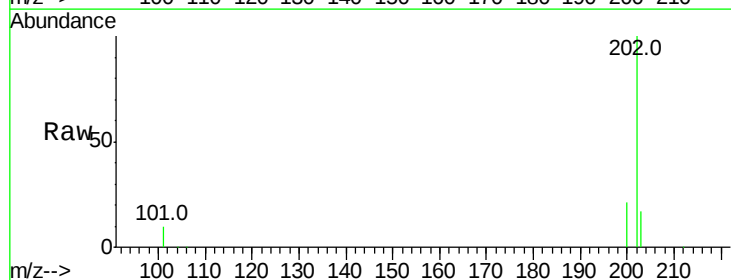
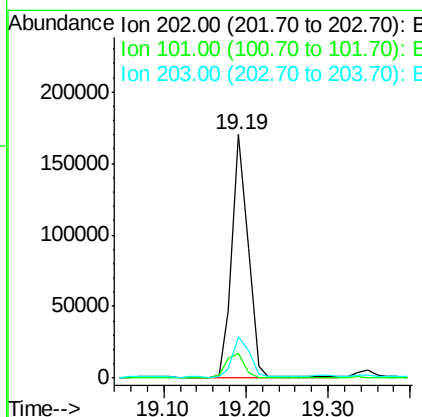
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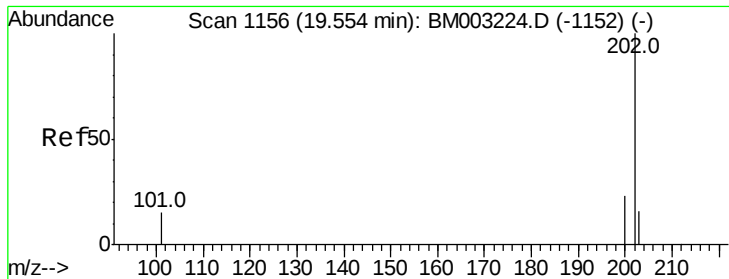
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#17
 Fluoranthene
 Concen: 1.54 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003232.D
 Acq: 20 Nov 2015 21:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.6
203	17.0	0.0	36.3





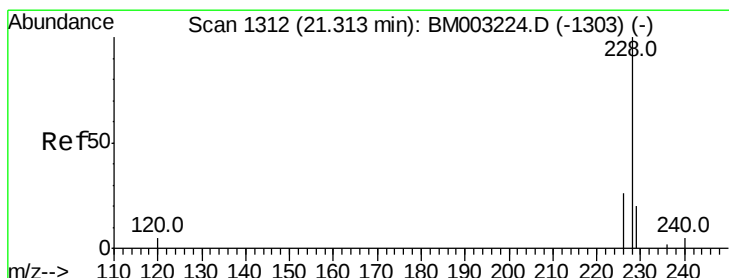
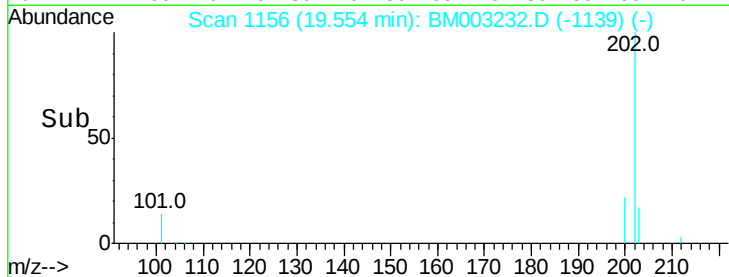
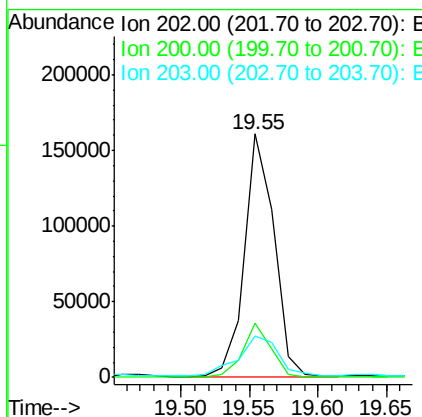
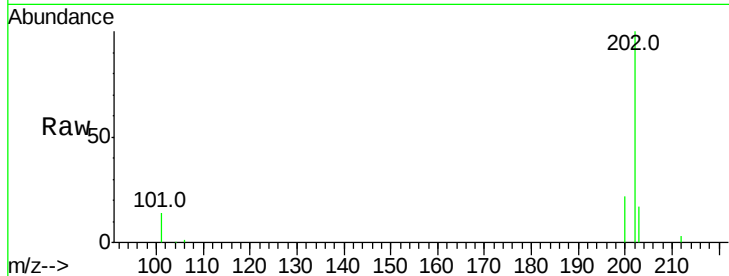
#19
Pvrene
Concen: 1.39 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003232.D
Acq: 20 Nov 2015 21:44

Instrument :
BNA_M
ClientSampleId :
A4HS2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.8	26.8
203	17.1	12.8	19.2

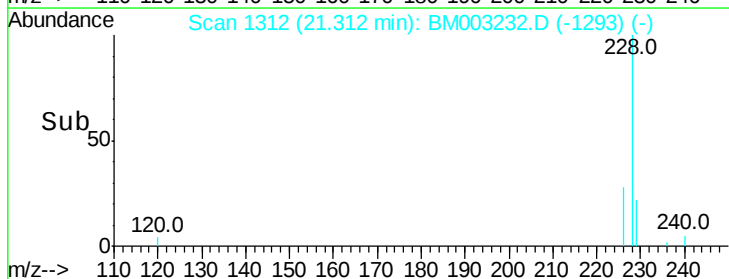
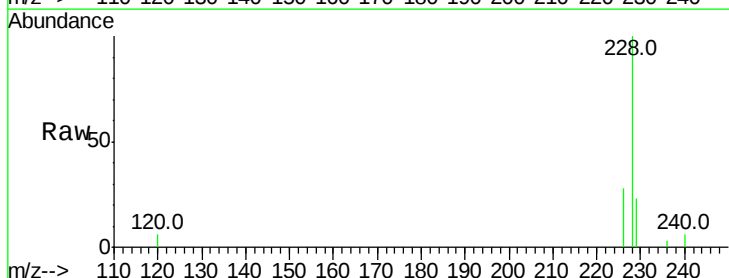
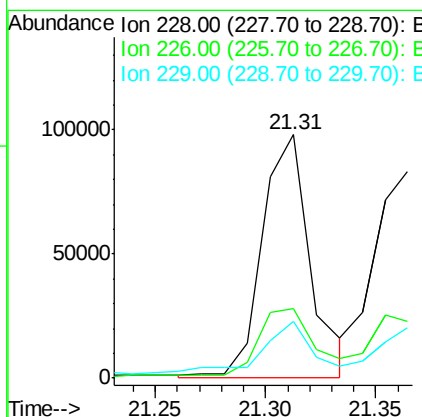
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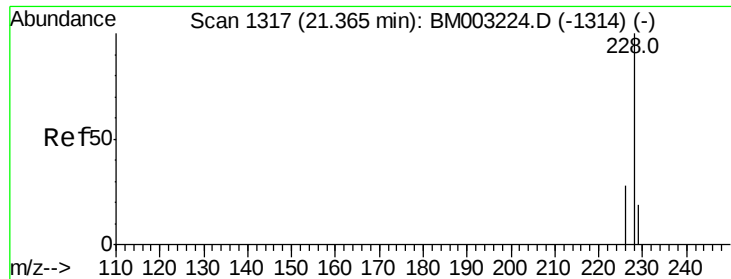
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#20
Benzo(a)anthracene
Concen: 1.02 ng/ul m
RT: 21.31 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM003232.D
Acq: 20 Nov 2015 21:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.3	18.8	28.2#
229	23.2	17.1	25.7





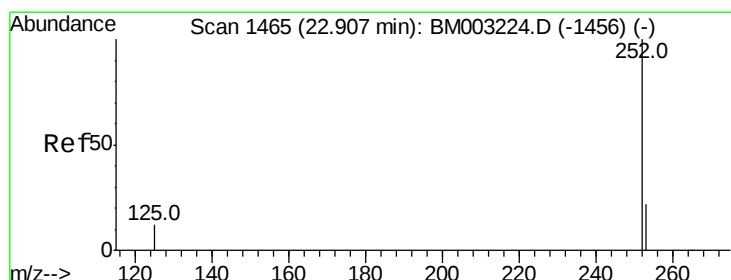
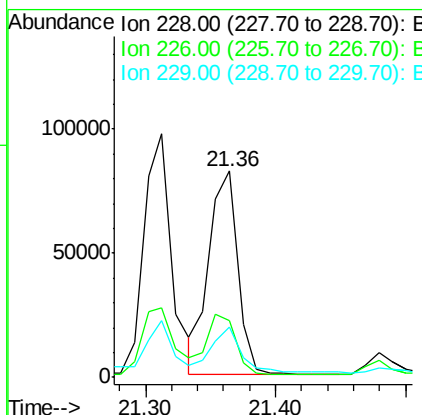
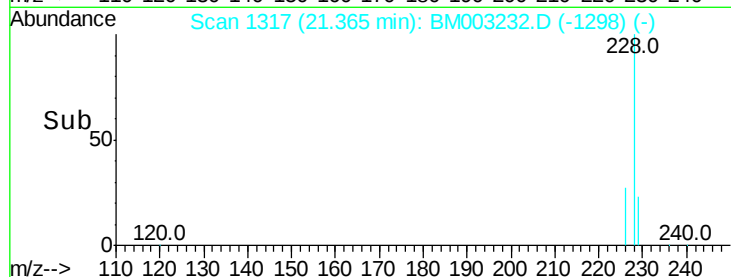
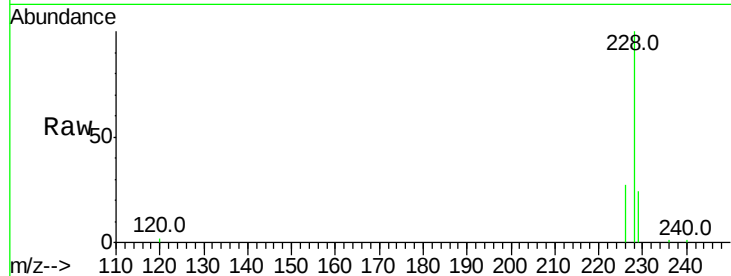
#21
Chrysene
Concen: 0.77 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003232.D
Acq: 20 Nov 2015 21:44

Instrument :
BNA_M
ClientSampleId :
A4HS2DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	24.4	17.0	25.6

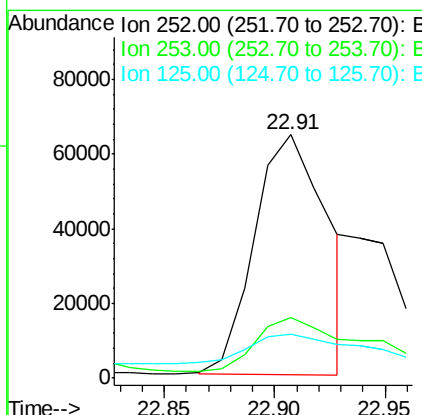
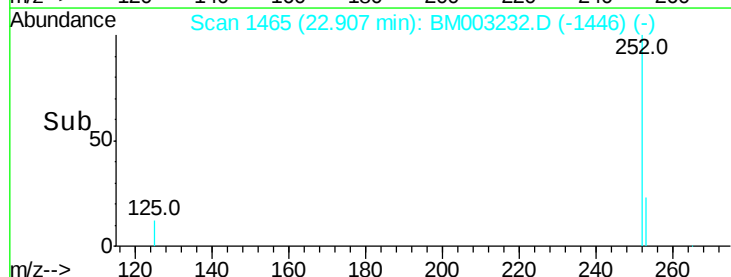
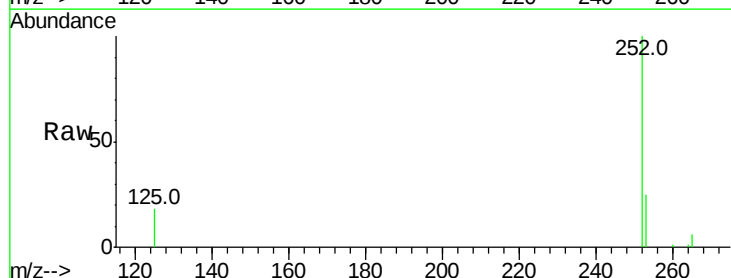
Manual Integrations
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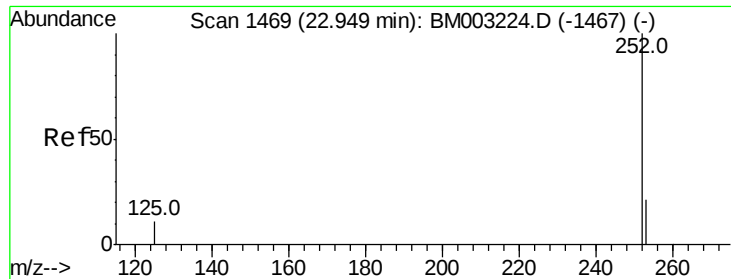
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#23
Benzo(b)fluoranthene
Concen: 0.79 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003232.D
Acq: 20 Nov 2015 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	45.4
125	17.8	0.0	28.8





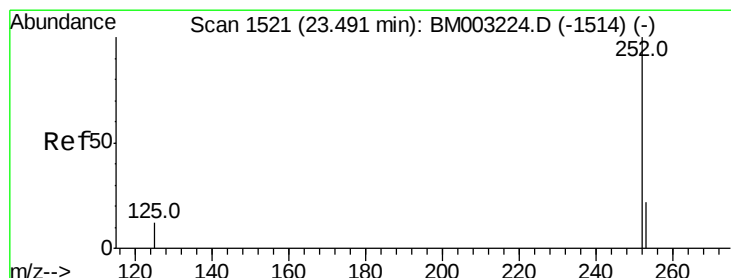
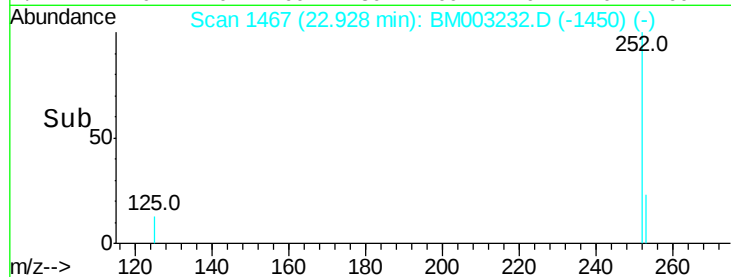
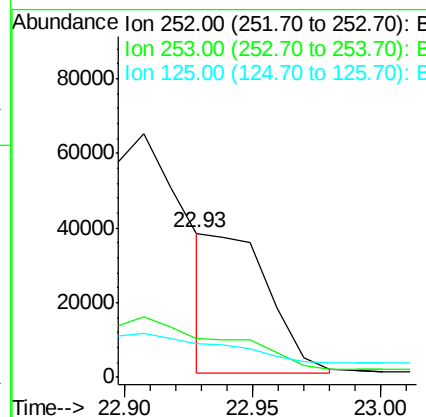
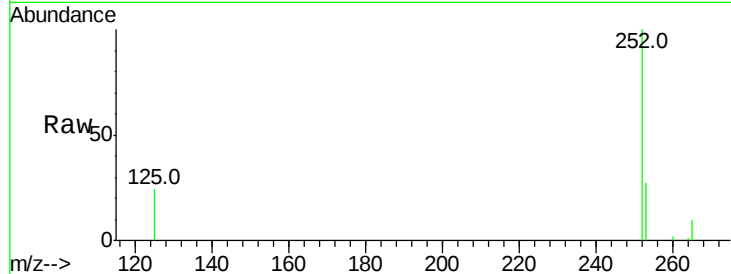
#24
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.93 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BM003232.D
Acq: 20 Nov 2015 21:44

Instrument :
BNA_M
ClientSampleId :
A4HS2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.8	29.8
125	23.7	10.4	15.6

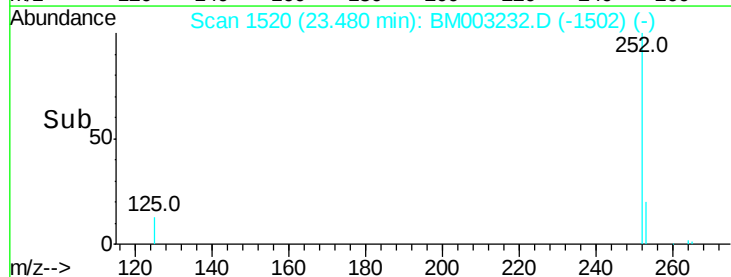
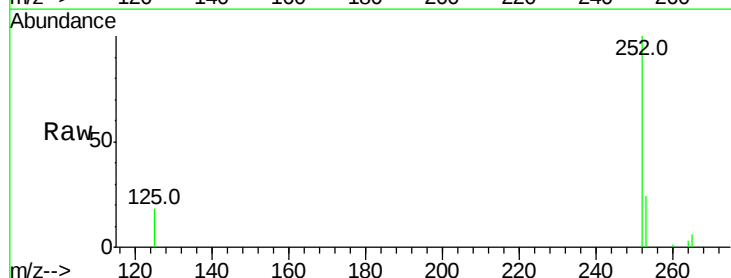
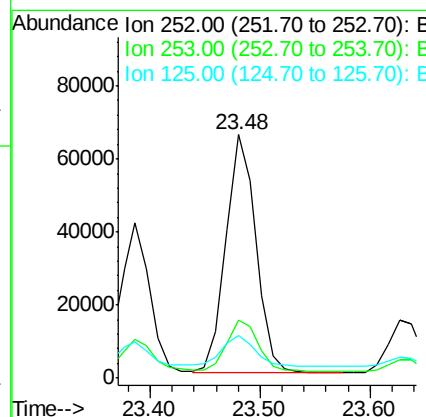
Manual Integrations
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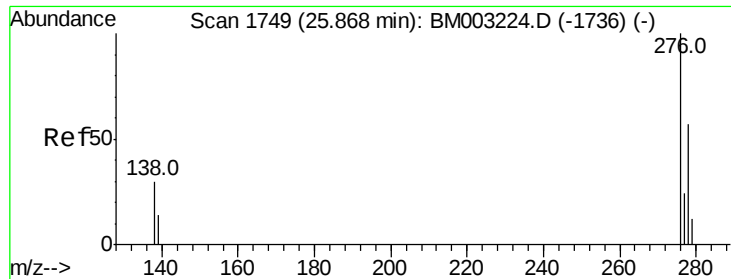
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#25
Benzo(a)pyrene
Concen: 0.74 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM003232.D
Acq: 20 Nov 2015 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	17.7	12.7	19.1





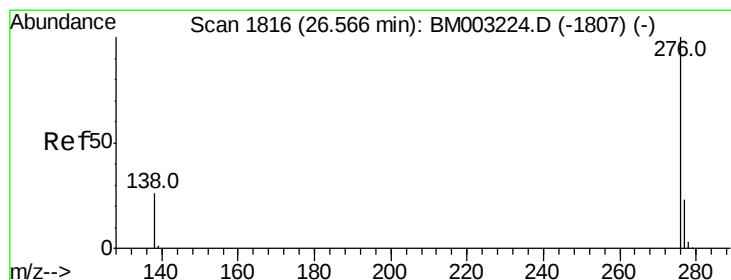
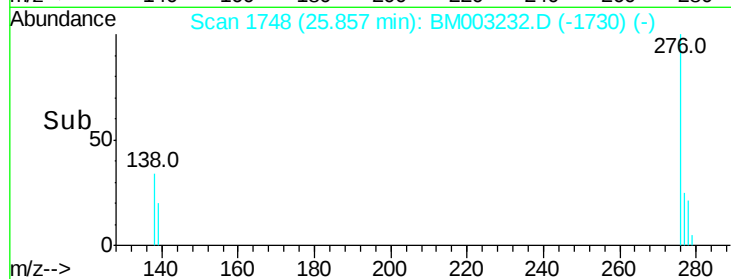
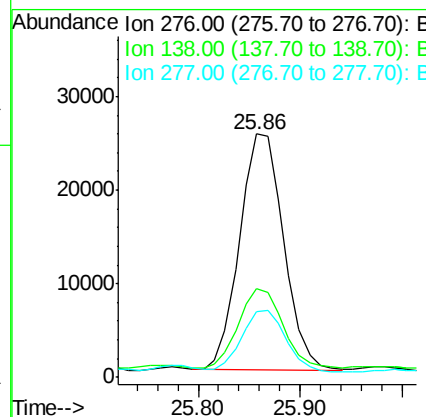
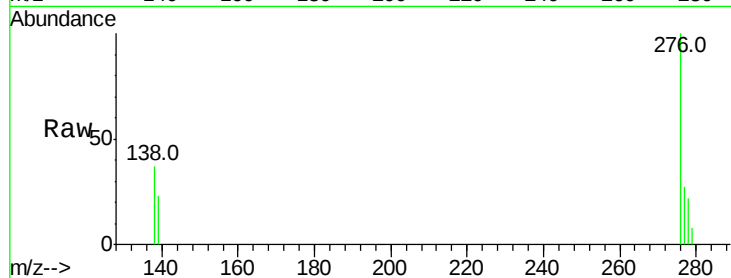
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng/ul
 RT: 25.86 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM003232.D
 Acq: 20 Nov 2015 21:44

Instrument :
 BNA_M
 ClientSampleId :
 A4HS2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	16.3	24.5#
277	26.1	19.8	29.8

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 6:59:01 PM



#28
 Benzo(g,h,i)perylene
 Concen: 0.42 ng/ul
 RT: 26.57 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BM003232.D
 Acq: 20 Nov 2015 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	27.6	22.5	33.7

