

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003235.D
 Acq On : 20 Nov 2015 23:32
 Operator : UM/IZ
 Sample : G4322-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HS1

Manual Integrations
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 11/23/2015 6:59:09 PM

Quant Time: Nov 23 11:47:29 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	13537	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	53481	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	30305	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	64539	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	64760	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	64626	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	46976	3.25	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	12770	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	21073	0.13	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	10468	0.08	ng/ul#	94
9) Acenaphthylene	14.09	152	10570	0.08	ng/ul#	94
10) Acenaphthene	14.43	153	7637	0.07	ng/ul#	75
11) Fluorene	15.44	166	10605m	0.09	ng/ul	
13) Pentachlorophenol	16.78	266	1063	0.07	ng/ul	98
14) Phenanthrene	17.17	178	191693	1.02	ng/ul	100
15) Anthracene	17.26	178	52730	0.34	ng/ul	99
17) Fluoranthene	19.19	202	297065	1.43	ng/ul	99
19) Pyrene	19.55	202	295439	1.33	ng/ul	99
20) Benzo(a)anthracene	21.31	228	151987	0.81	ng/ul	96
21) Chrysene	21.36	228	117779	0.56	ng/ul	96
23) Benzo(b)fluoranthene	22.91	252	148268m	0.60	ng/ul	
24) Benzo(k)fluoranthene	22.93	252	55604m	0.24	ng/ul	
25) Benzo(a)pyrene	23.48	252	124339	0.57	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	25.86	276	67989	0.26	ng/ul#	95
27) Dibenzo(a,h)anthracene	25.87	278	16580	0.08	ng/ul#	78
28) Benzo(g,h,i)perylene	26.57	276	66130	0.29	ng/ul	98

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

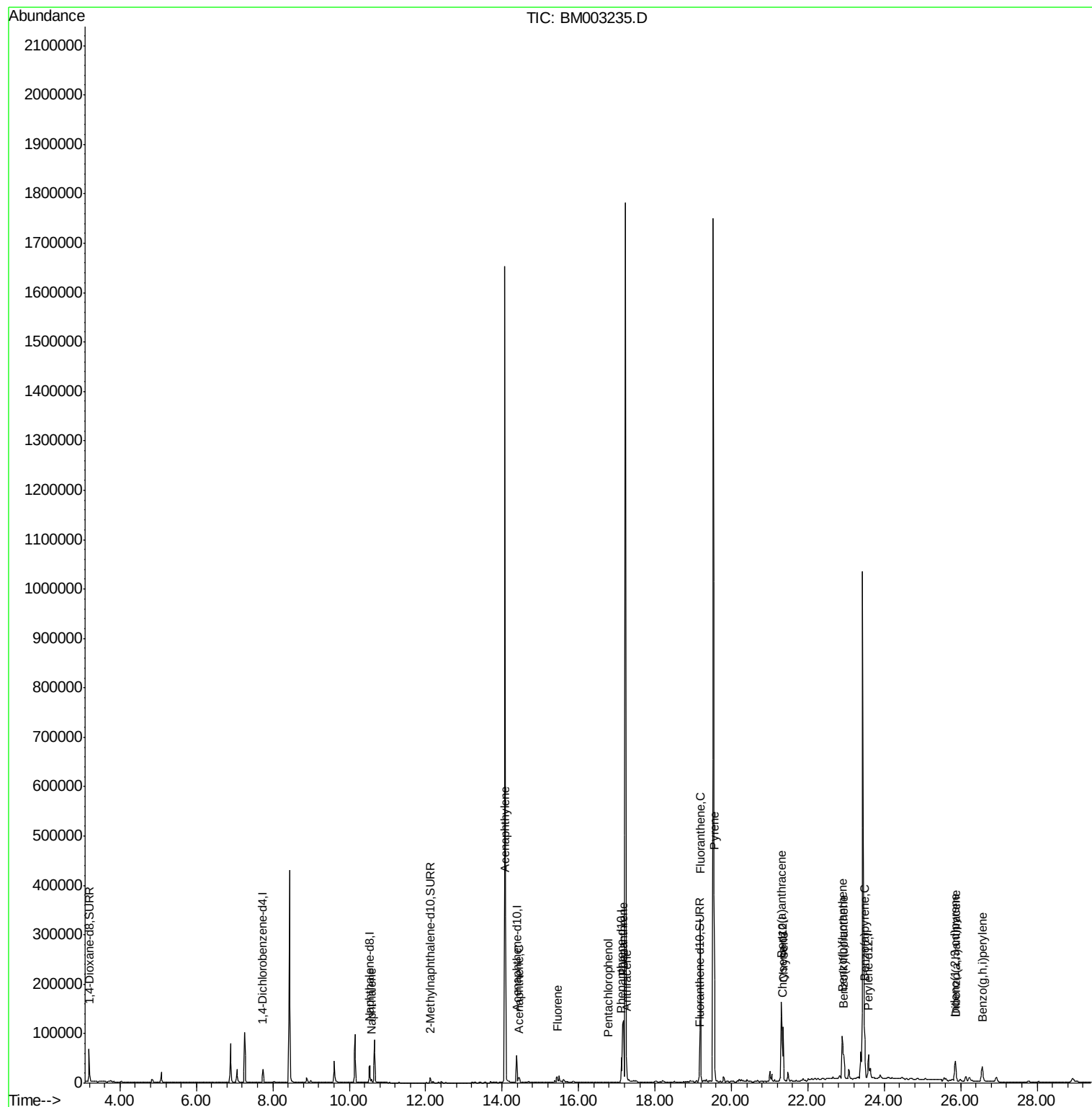
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
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ALS Vial : 20 Sample Multiplier: 1

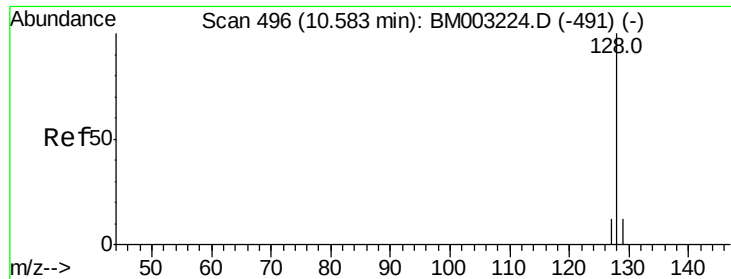
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:24:04 2015
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#5

Naphthalene

Concen: 0.08 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.01 min

Lab File: BM003235.D

Acq: 20 Nov 2015 23:32

Instrument :

BNA_M

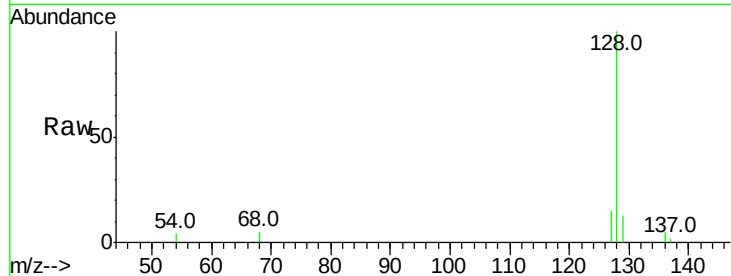
ClientSampleId :

A4HS1

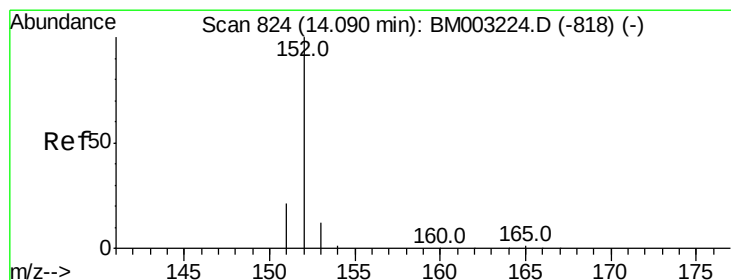
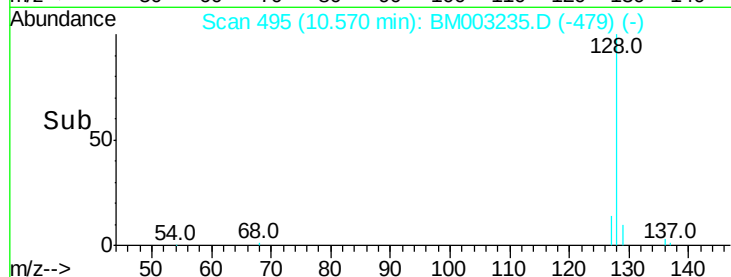
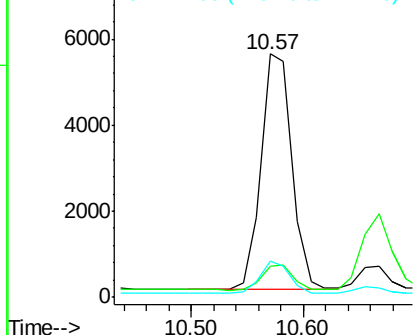
Tot Ion:	128	Resp:	10468
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.0	13.6
127	15.0	9.6	14.4#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#9

Acenaphthylene

Concen: 0.08 ng/ul

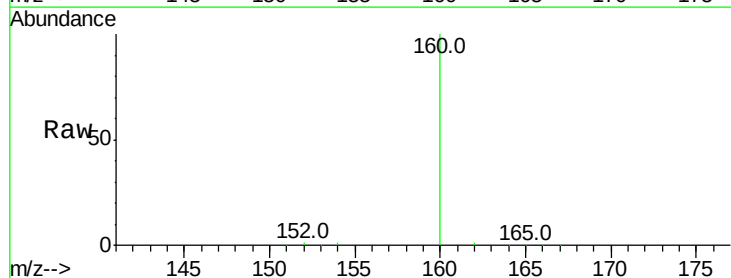
RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

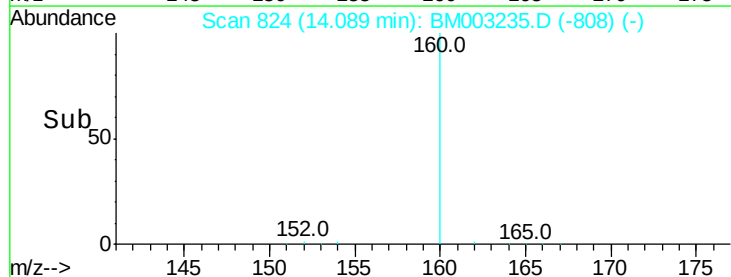
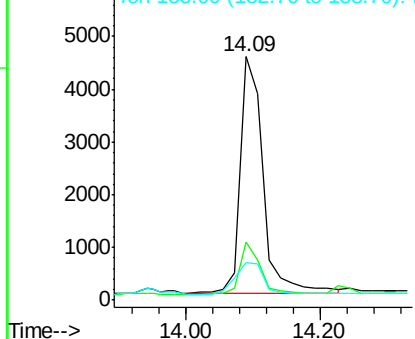
Lab File: BM003235.D

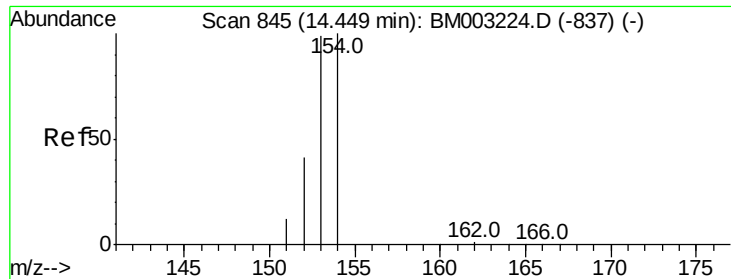
Acq: 20 Nov 2015 23:32

Tgt Ion:	152	Resp:	10570
Ion Ratio	Lower	Upper	
152	100		
151	23.9	17.6	26.4
153	15.6	9.7	14.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.07 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM003235.D

Acq: 20 Nov 2015 23:32

Instrument :

BNA_M

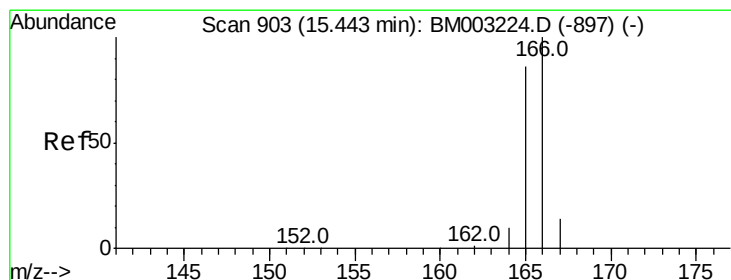
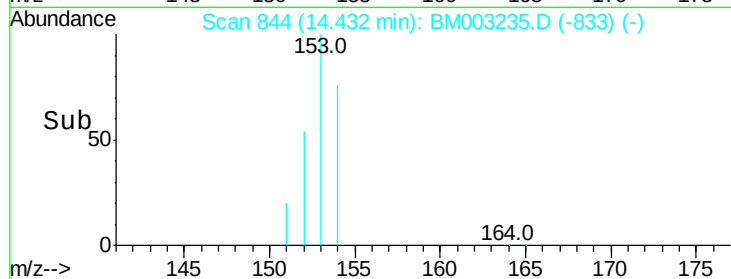
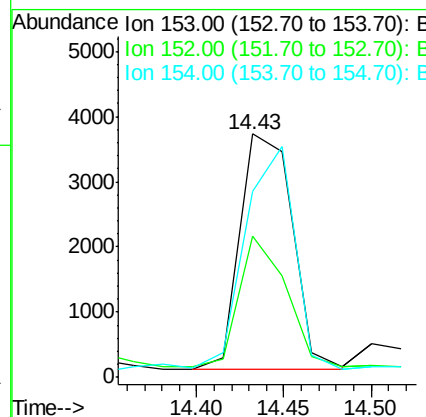
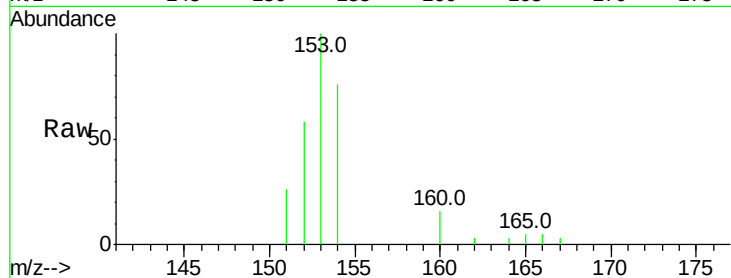
ClientSampleId :

A4HS1

Tot Ion	Ratio	Lower	Upper
153	100		
152	58.2	33.9	50.9#
154	76.2	80.6	121.0#

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#11

Fluorene

Concen: 0.09 ng/ul m

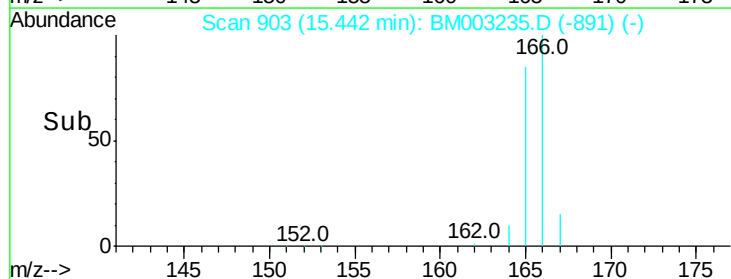
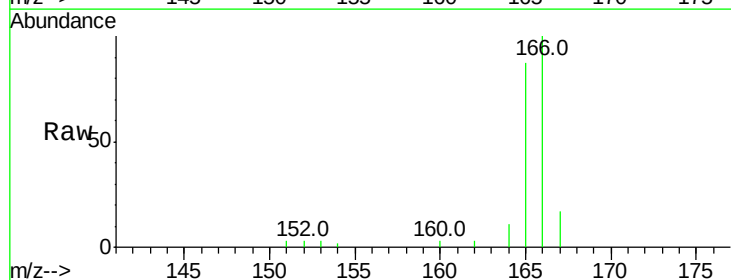
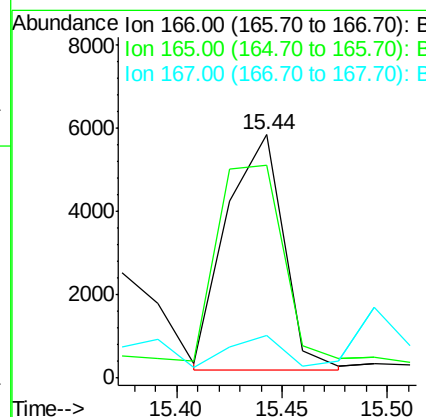
RT: 15.44 min Scan# 903

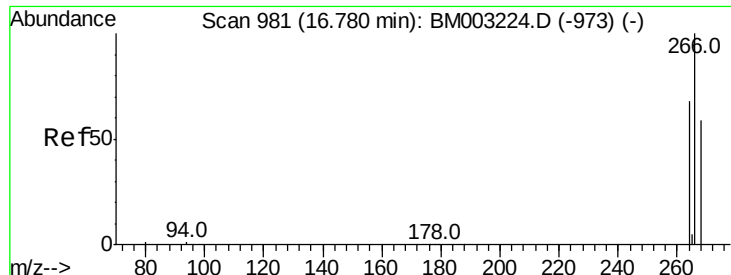
Delta R.T. -0.00 min

Lab File: BM003235.D

Acq: 20 Nov 2015 23:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	87.3	69.6	104.4
167	17.5	11.9	17.9





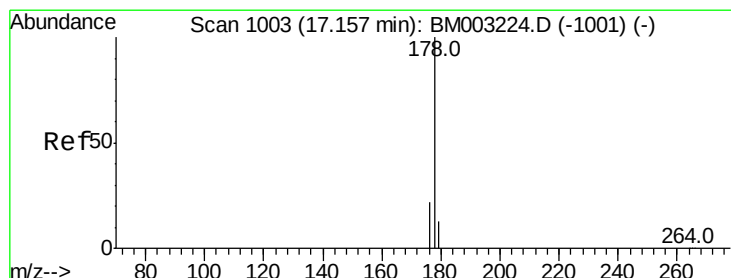
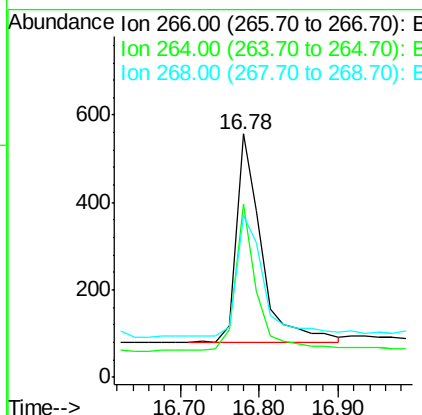
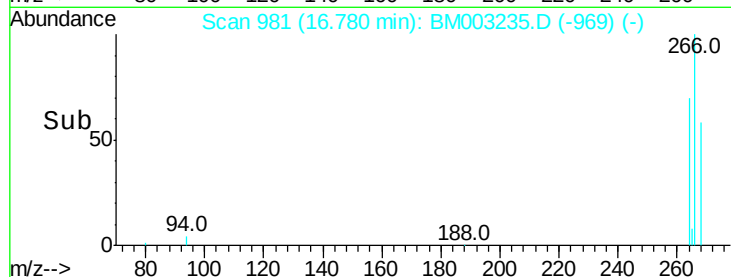
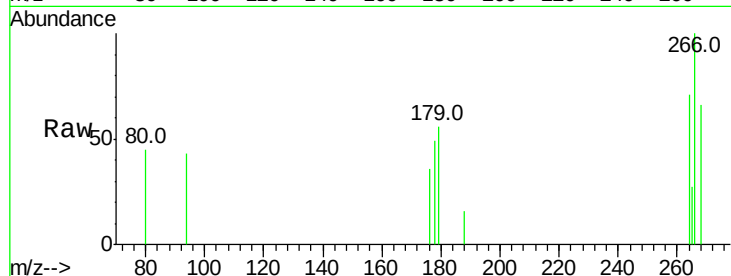
#13
 Pentachlorophenol
 Concen: 0.07 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003235.D
 Acq: 20 Nov 2015 23:32

Instrument :
 BNA_M
 ClientSampleId :
 A4HS1

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.8	77.8
268	62.3	46.8	70.2

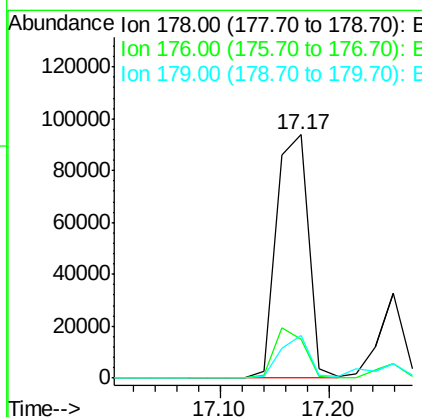
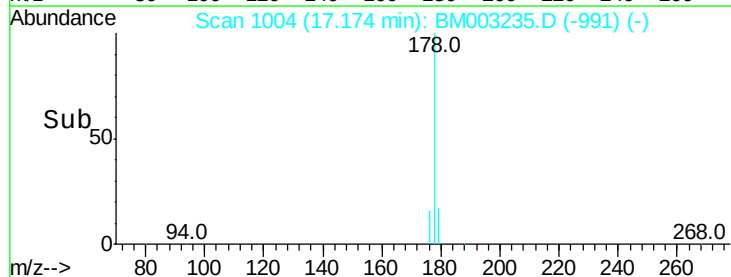
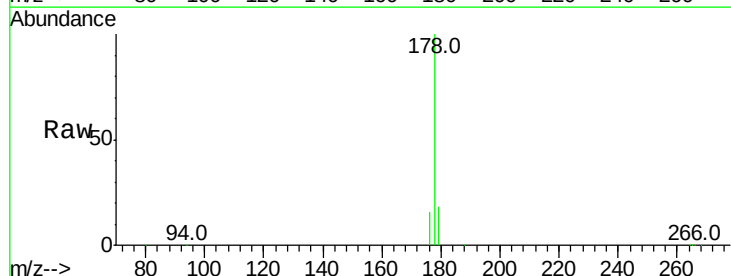
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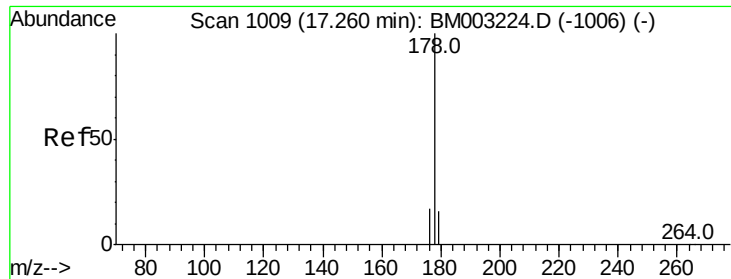
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#14
 Phenanthrene
 Concen: 1.02 ng/ul
 RT: 17.17 min Scan# 1004
 Delta R.T. 0.02 min
 Lab File: BM003235.D
 Acq: 20 Nov 2015 23:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.0	13.0	19.4
179	17.6	14.2	21.2





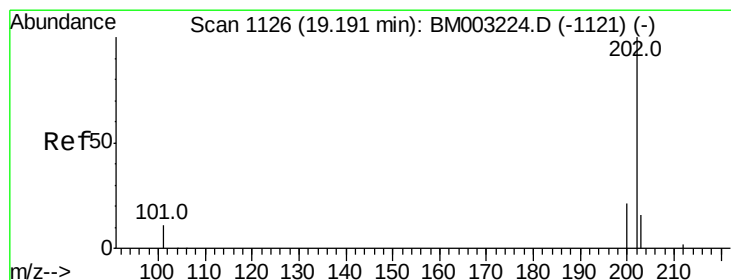
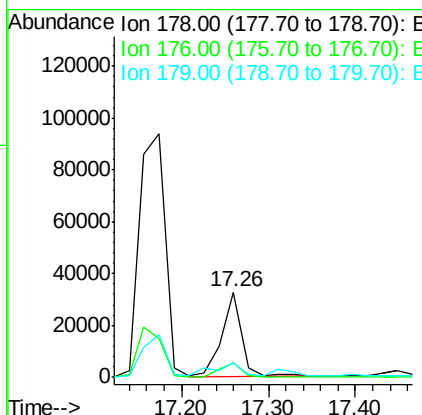
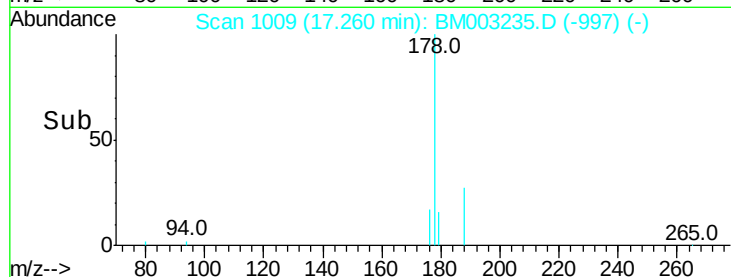
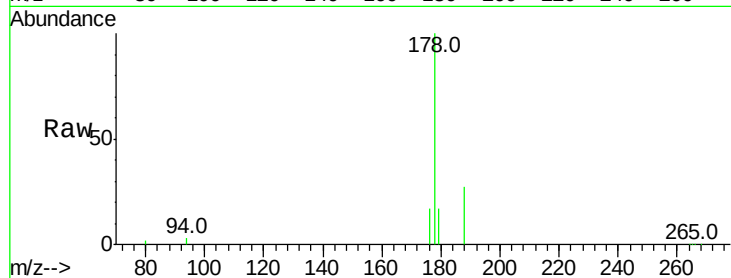
#15
 Anthracene
 Concen: 0.34 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BM003235.D
 Acq: 20 Nov 2015 23:32

Instrument :
 BNA_M
 ClientSampleId :
 A4HS1

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.0	21.0
179	16.9	12.9	19.3

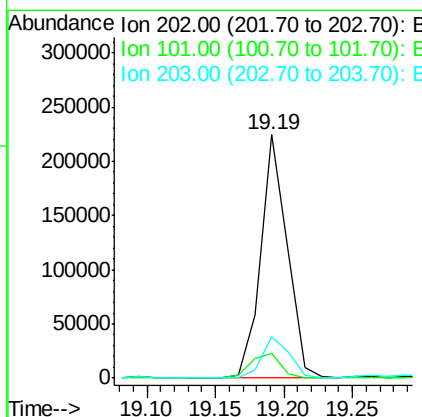
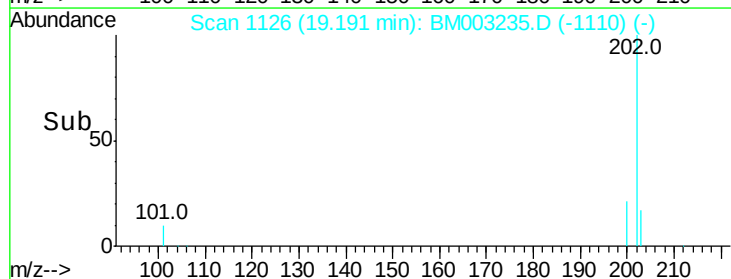
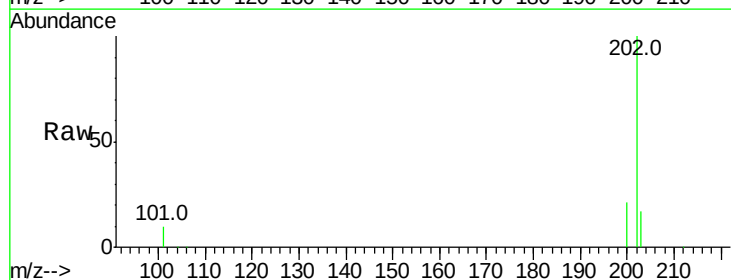
Manual Integrations
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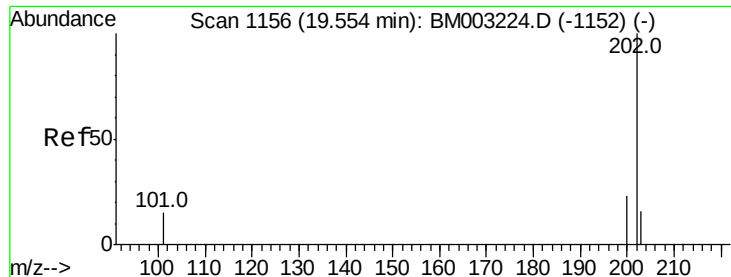
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#17
 Fluoranthene
 Concen: 1.43 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003235.D
 Acq: 20 Nov 2015 23:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.6
203	16.8	0.0	36.3





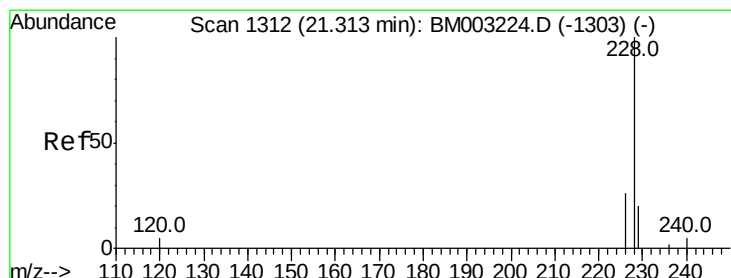
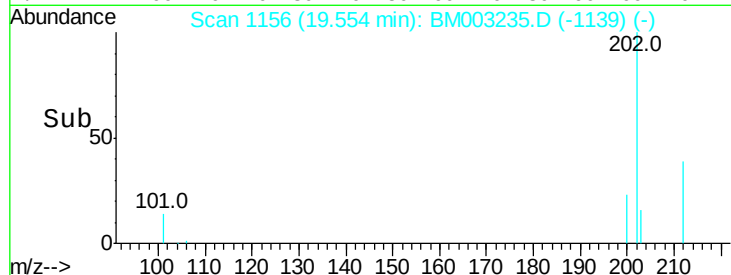
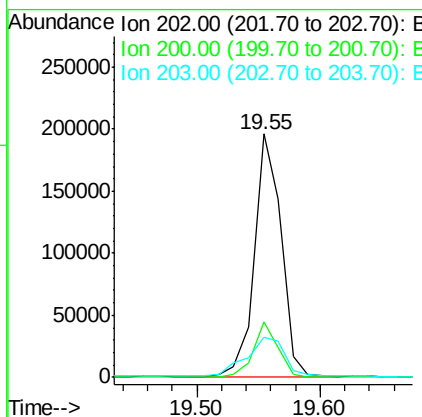
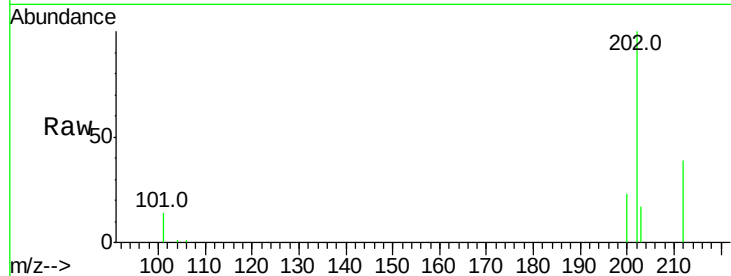
#19
Pvrene
Concen: 1.33 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003235.D
Acq: 20 Nov 2015 23:32

Instrument :
BNA_M
ClientSampleId :
A4HS1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	295439		
200	23.0		17.8	26.8
203	16.6		12.8	19.2

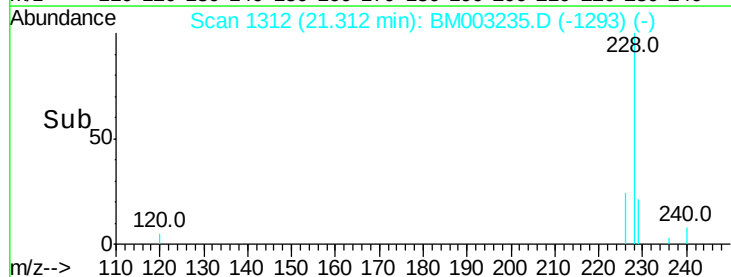
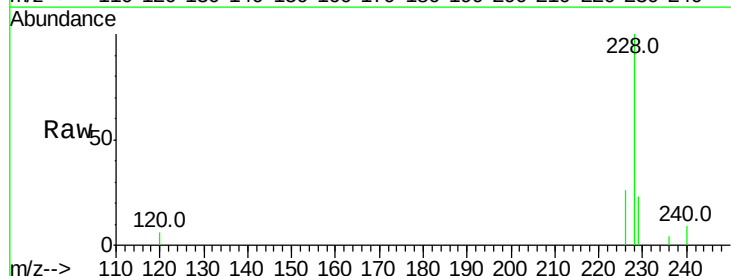
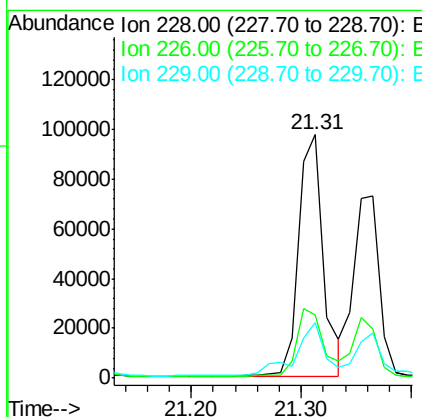
Manual Integrations
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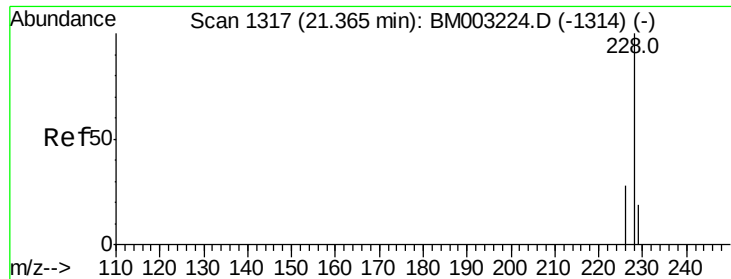
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#20
Benzo(a)anthracene
Concen: 0.81 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM003235.D
Acq: 20 Nov 2015 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	151987		
226	26.2		18.8	28.2
229	22.6		17.1	25.7





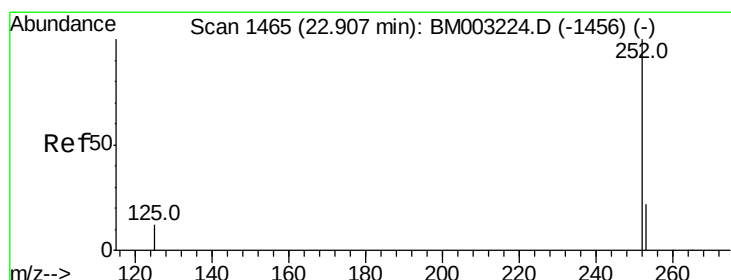
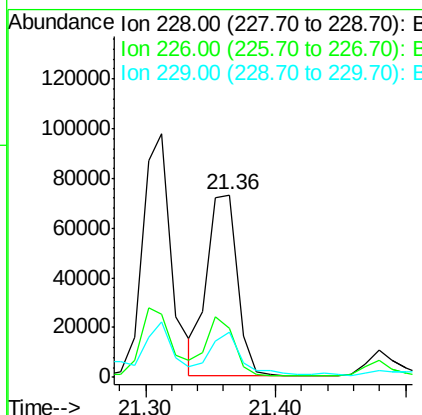
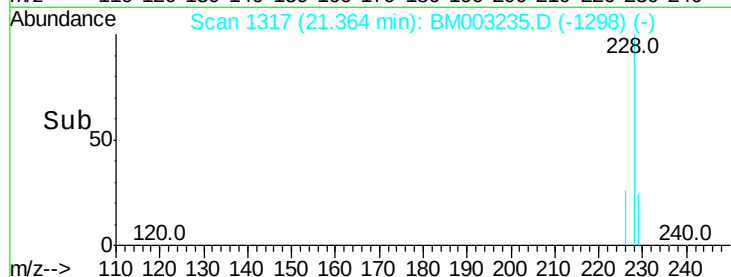
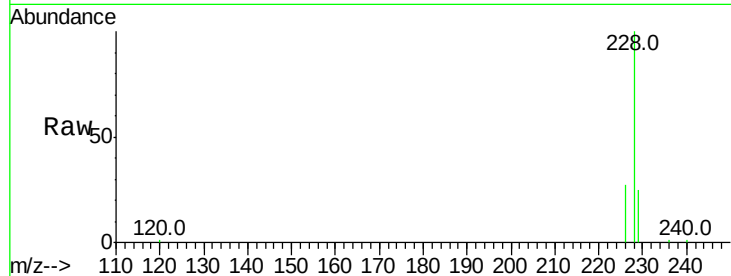
#21
Chrysene
Concen: 0.56 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003235.D
Acq: 20 Nov 2015 23:32

Instrument :
BNA_M
ClientSampleId :
A4HS1

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	25.1	17.0	25.6

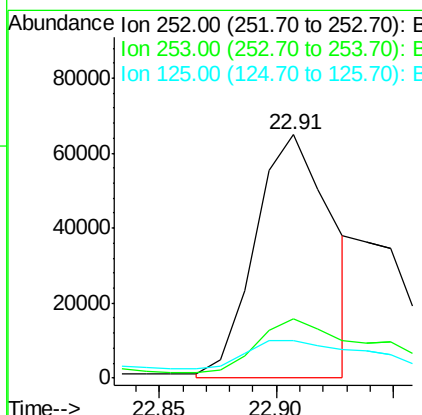
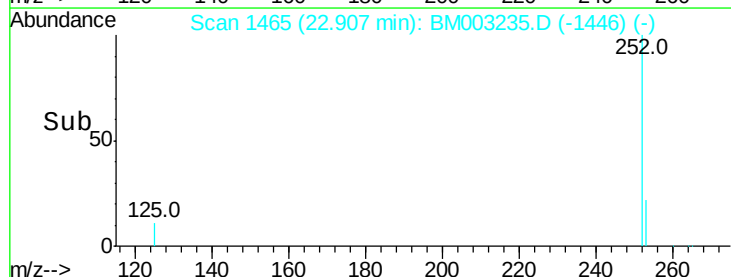
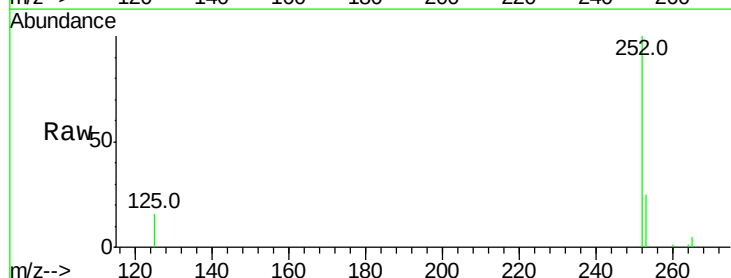
Manual Integrations
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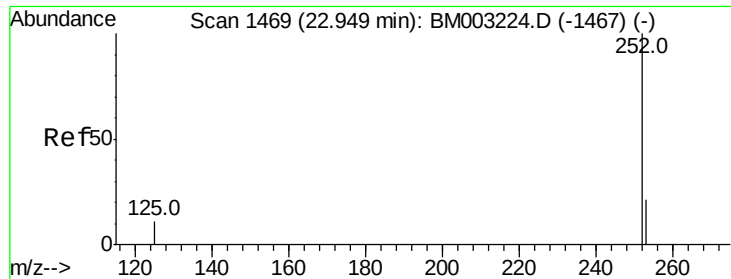
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#23
Benzo(b)fluoranthene
Concen: 0.60 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003235.D
Acq: 20 Nov 2015 23:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	45.4
125	15.6	0.0	28.8





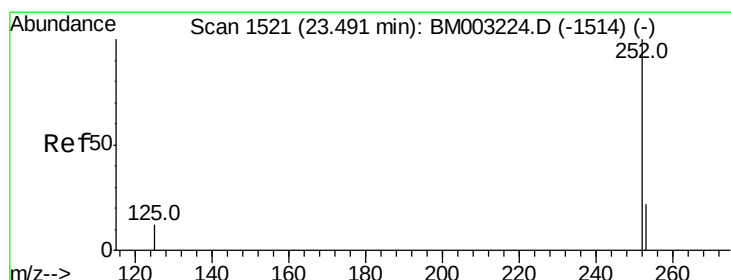
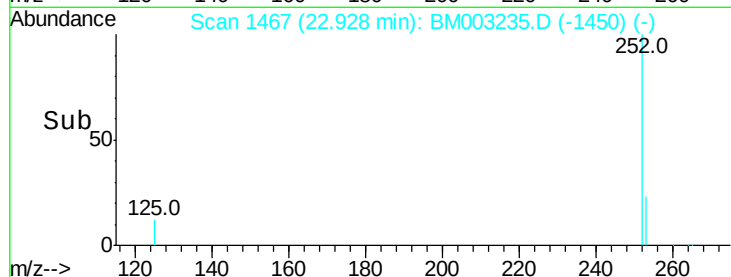
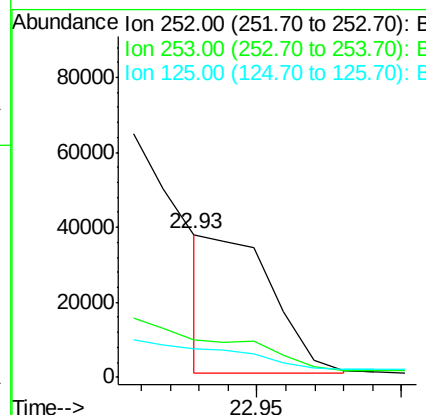
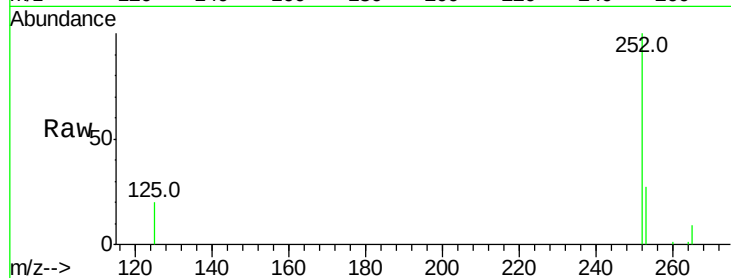
#24
Benzo(k)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.93 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BM003235.D
Acq: 20 Nov 2015 23:32

Instrument :
BNA_M
ClientSampleId :
A4HS1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.8	29.8
125	20.2	10.4	15.6

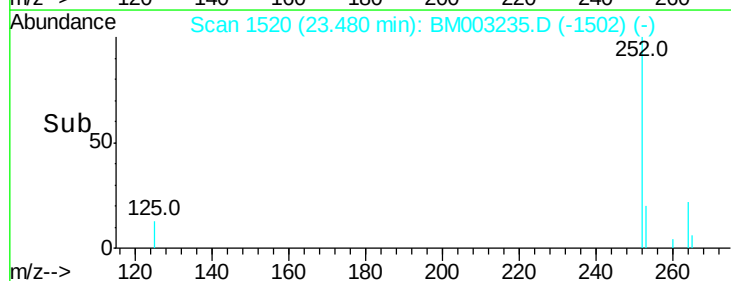
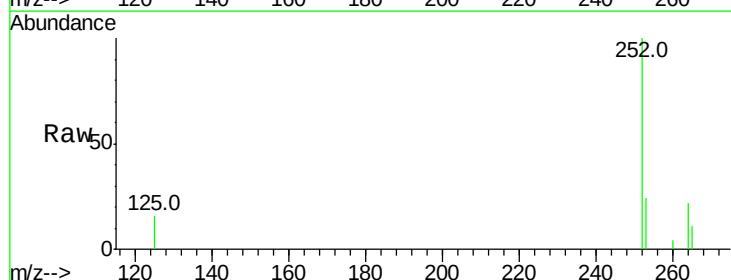
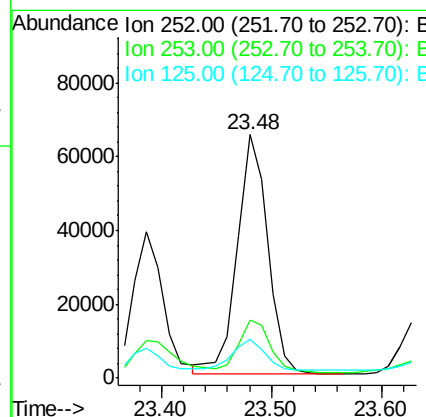
Manual Integrations
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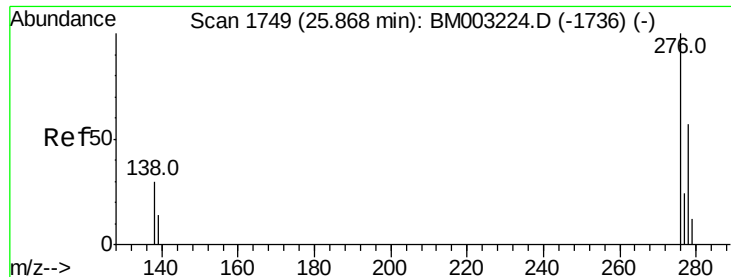
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#25
Benzo(a)pyrene
Concen: 0.57 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM003235.D
Acq: 20 Nov 2015 23:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	15.8	12.7	19.1





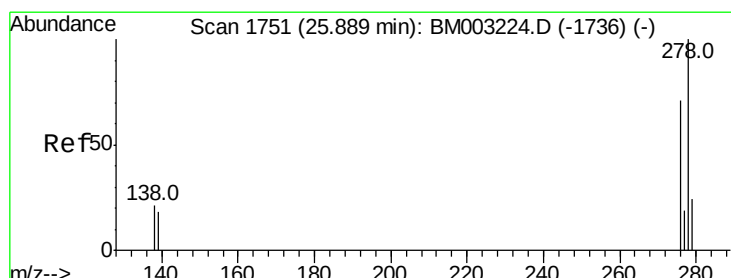
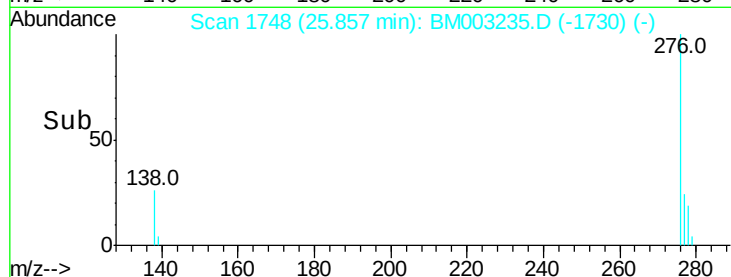
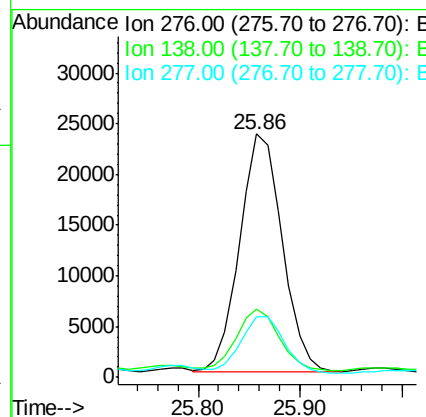
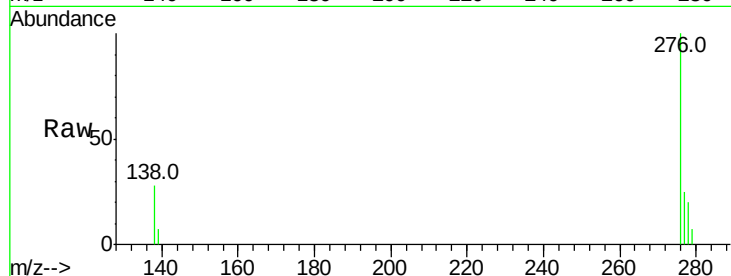
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng/ul
 RT: 25.86 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM003235.D
 Acq: 20 Nov 2015 23:32

Instrument :
 BNA_M
 ClientSampleId :
 A4HS1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	16.3	24.5#
277	24.4	19.8	29.8

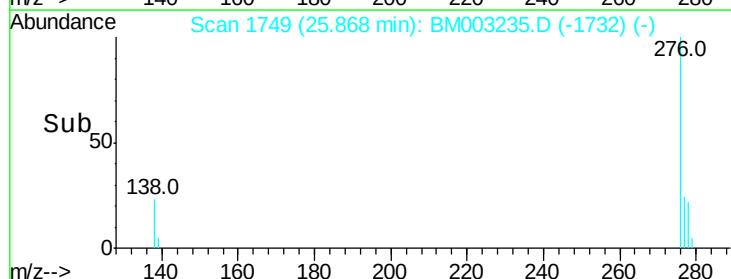
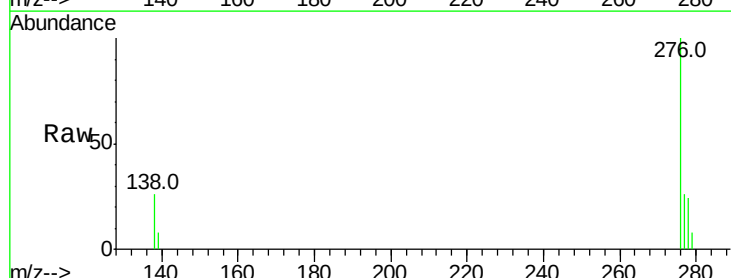
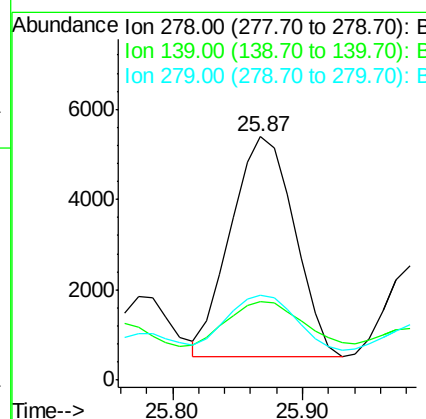
Manual Integrations
 APPROVED

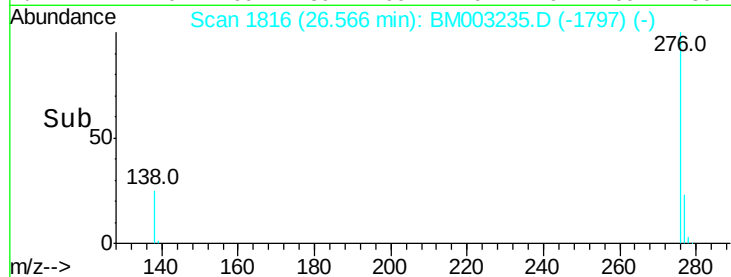
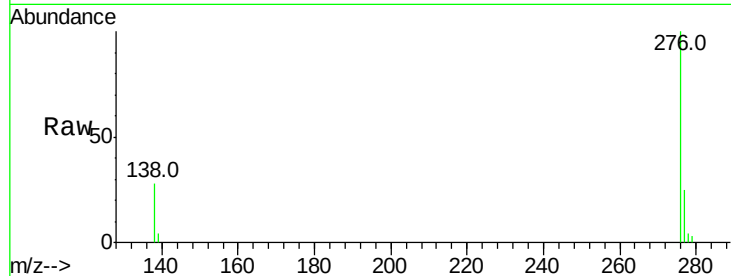
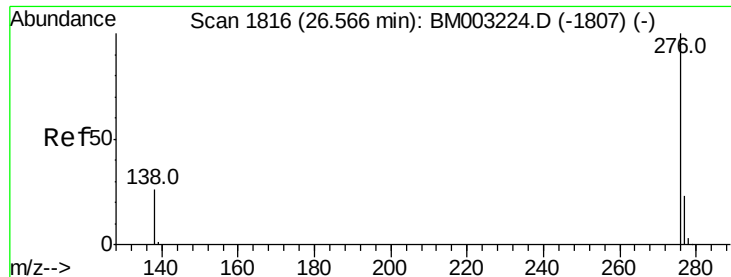
Mmdadoda
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.08 ng/ul
 RT: 25.87 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM003235.D
 Acq: 20 Nov 2015 23:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.2	16.4	24.6#
279	35.1	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.29 ng/ul

RT: 26.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM003235.D

Acq: 20 Nov 2015 23:32

Tot Ion:	276	Resp:	66130
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.9	28.3
138	27.7	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

A4HS1

Manual Integrations
APPROVED

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