

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000432.D
 Acq On : 05 Feb 2015 18:26
 Operator : TP/IZ
 Sample : G1147-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1G13

Manual Integrations
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Quant Time: Feb 06 12:22:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 14:01:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2038	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	4090	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.12	188	7639	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	6425	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	5917	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5302	0.59	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11569	0.70	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	4788	0.28	ng/ul	99
5) 2-Methylnaphthalene	12.18	142	6700	0.56	ng/ul	98
7) Acenaphthylene	14.10	152	3038	0.18	ng/ul	97
8) Acenaphthene	14.43	153	4620	0.36	ng/ul	98
9) Fluorene	15.43	166	7775	0.52	ng/ul	100
11) Pentachlorophenol	16.78	266	951	0.54	ng/ul	99
12) Phenanthrene	17.16	178	9942	0.46	ng/ul	100
13) Anthracene	17.24	178	9718m	0.48	ng/ul	
15) Fluoranthene	19.19	202	10685	0.43	ng/ul	99
17) Pyrene	19.55	202	10296	0.42	ng/ul	99
18) Benzo(a)anthracene	21.29	228	10514	0.52	ng/ul	99
19) Chrysene	21.34	228	10970	0.50	ng/ul	100
21) Benzo(b)fluoranthene	22.88	252	14013	0.64	ng/ul	96
22) Benzo(k)fluoranthene	22.92	252	6419	0.30	ng/ul#	93
23) Benzo(a)pyrene	23.46	252	7027	0.35	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.84	278	14382	0.79	ng/ul#	94
26) Benzo(g,h,i)perylene	26.51	276	6216	0.31	ng/ul	97

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

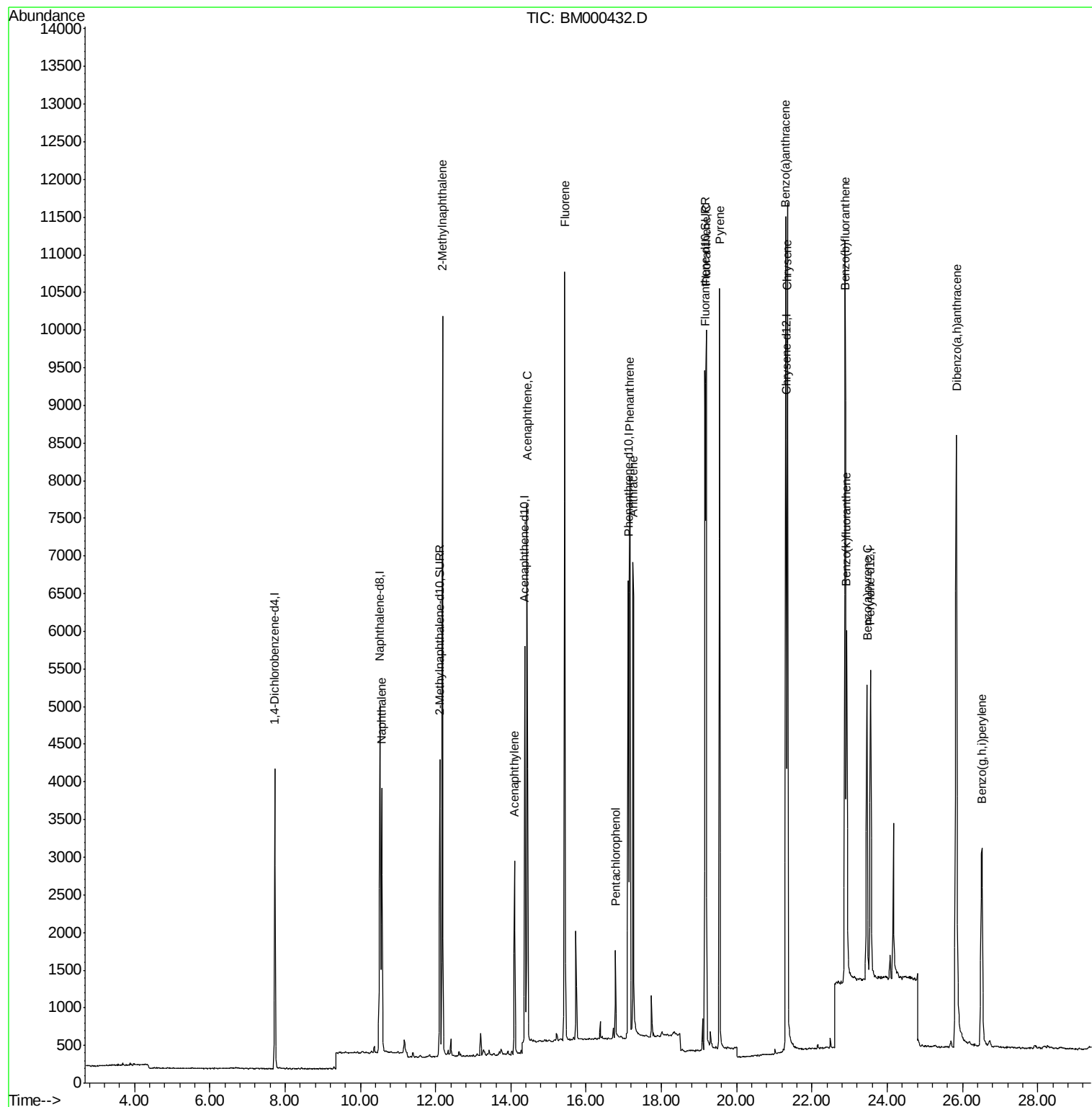
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
Data File : BM000432.D
Acq On : 05 Feb 2015 18:26
Operator : TP/IZ
Sample : G1147-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

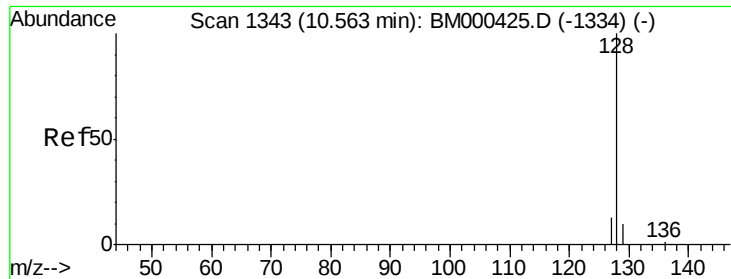
Instrument :
BNA_M
ClientSampled :
X1G13

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Quant Time: Feb 06 12:22:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
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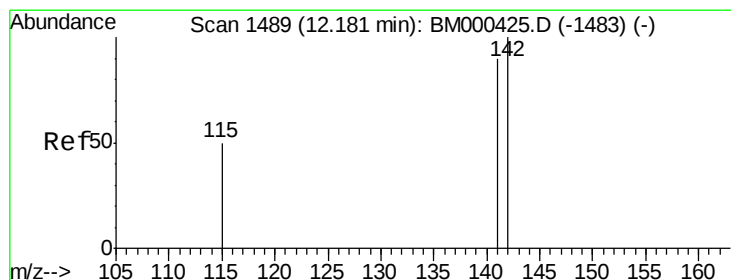
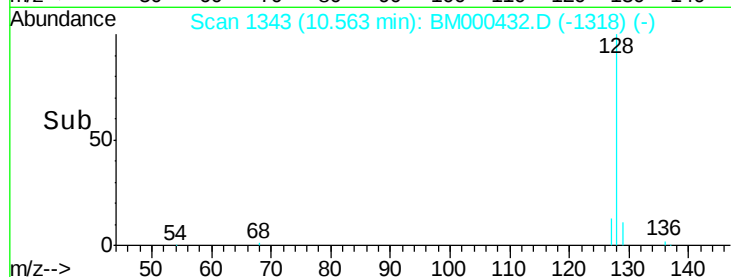
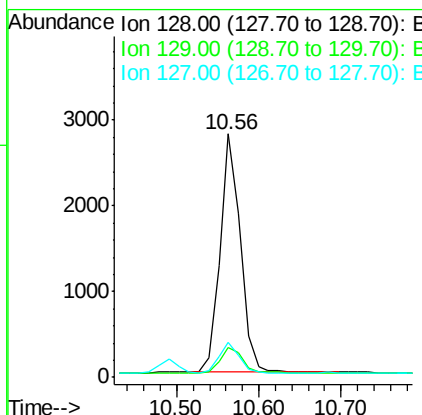
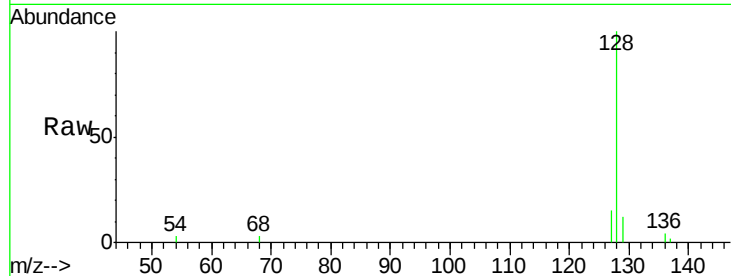
#3
Naphthalene
Concen: 0.28 ng/ul
RT: 10.56 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Instrument :
BNA_M
ClientSampleId :
X1G13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	14.6	11.4	17.0

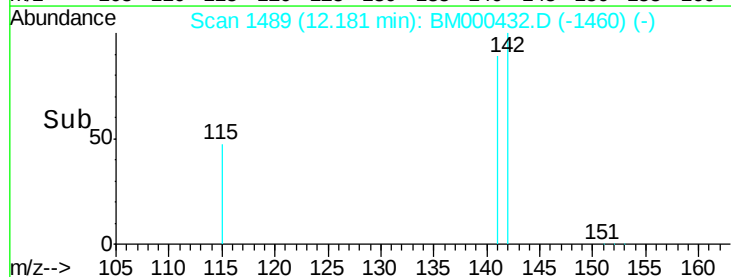
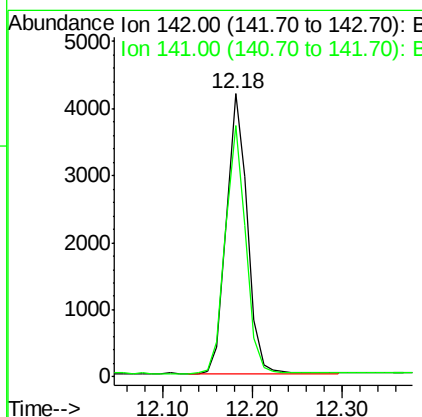
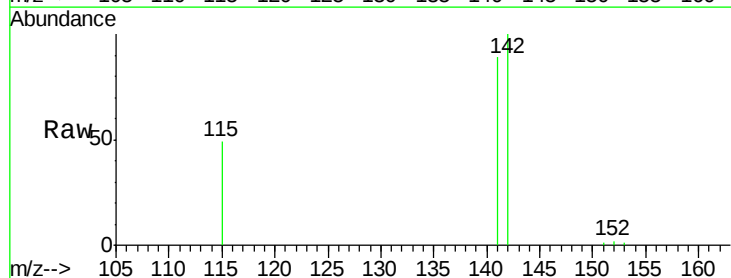
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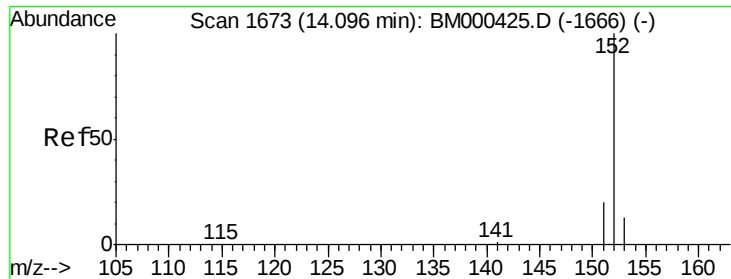
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#5
2-Methylnaphthalene
Concen: 0.56 ng/ul
RT: 12.18 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.0	106.6





#7

Acenaphthylene

Concen: 0.18 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM000432.D

Acq: 05 Feb 2015 18:26

Instrument :

BNA_M

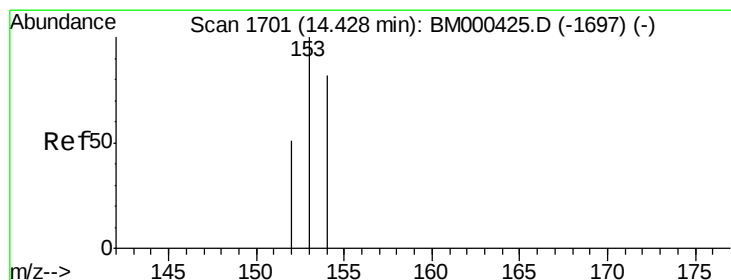
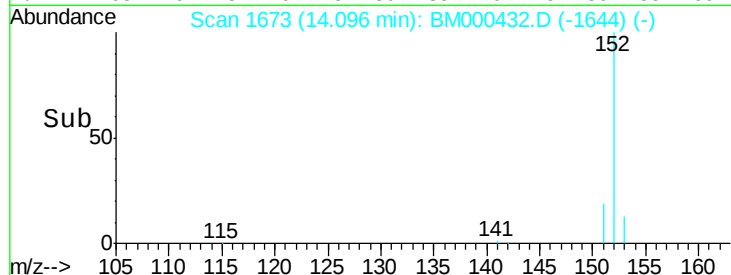
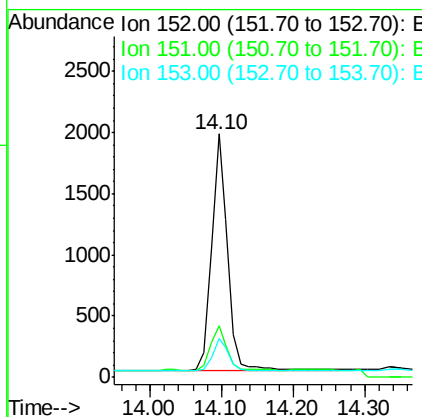
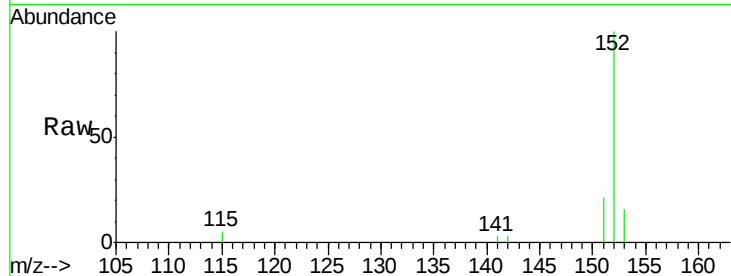
ClientSampleId :

X1G13

Tgt Ion:	152	Resp:	3038
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.6	25.0
153	15.7	11.2	16.8

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#8

Acenaphthene

Concen: 0.36 ng/ul

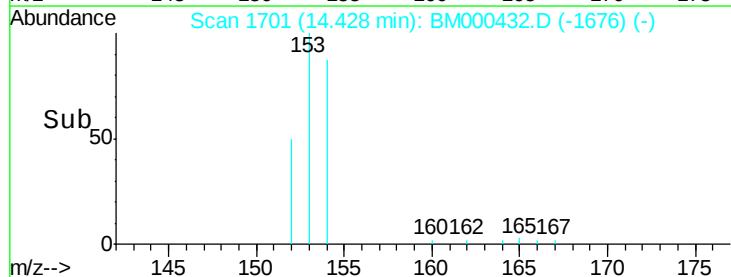
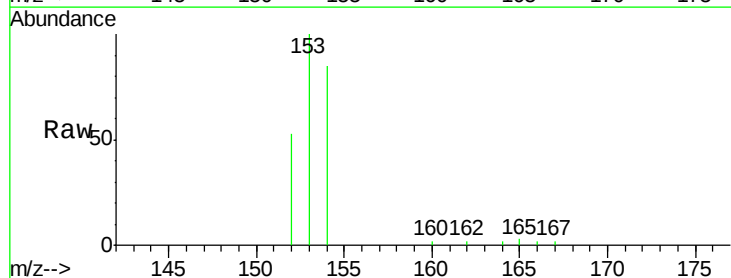
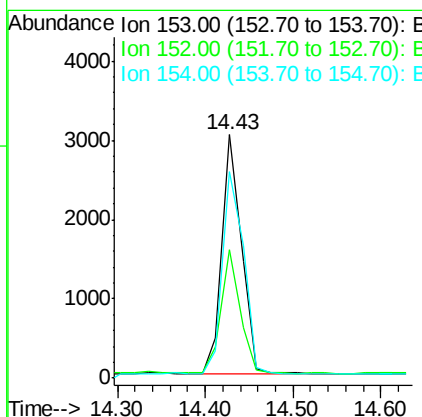
RT: 14.43 min Scan# 1701

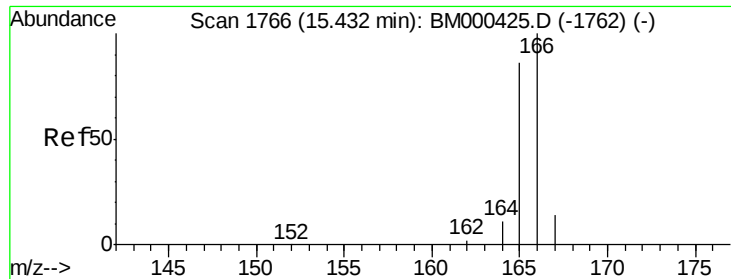
Delta R.T. 0.00 min

Lab File: BM000432.D

Acq: 05 Feb 2015 18:26

Tgt Ion:	153	Resp:	4620
Ion Ratio	Lower	Upper	
153	100		
152	52.8	41.8	62.8
154	84.9	65.6	98.4





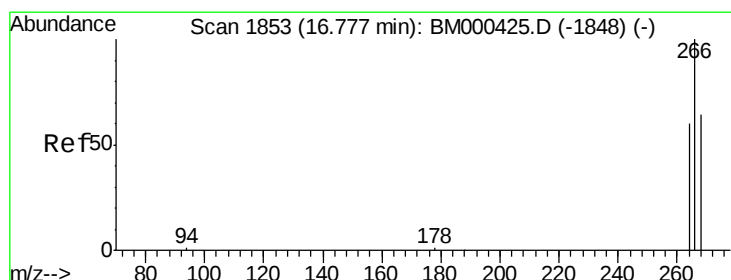
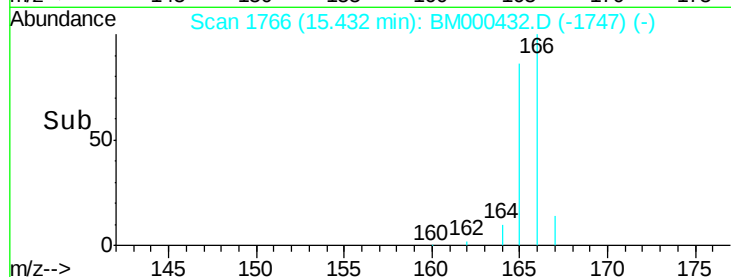
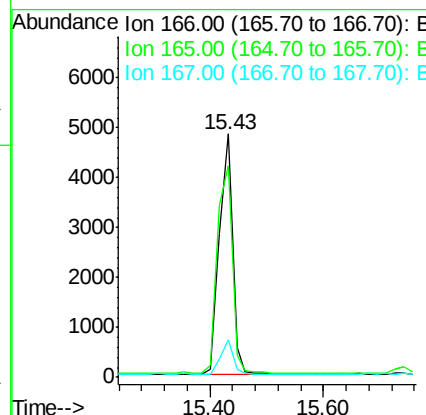
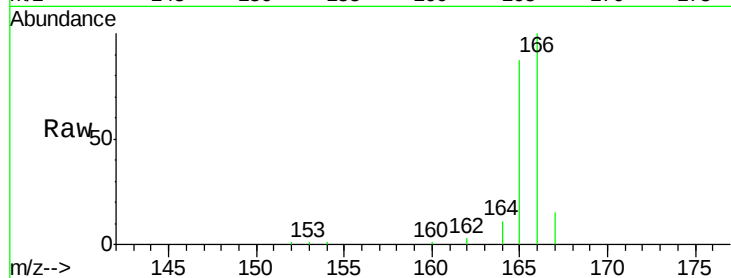
#9
Fluorene
 Concen: 0.52 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BM000432.D
 Acq: 05 Feb 2015 18:26

Instrument :
 BNA_M
 ClientSampleId :
 X1G13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	87.0	69.4	104.0
167	15.2	12.4	18.6

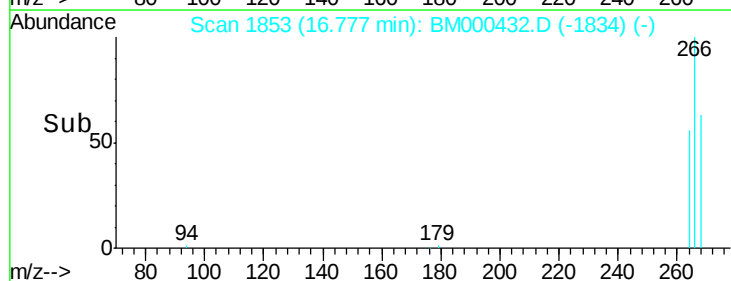
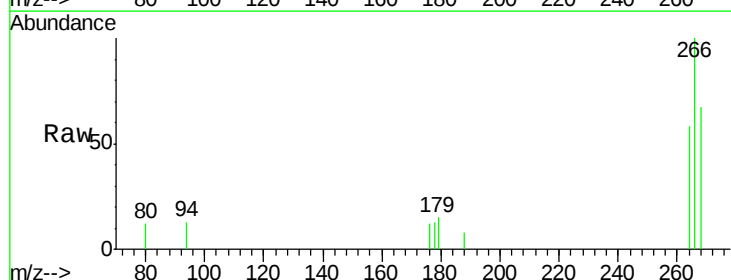
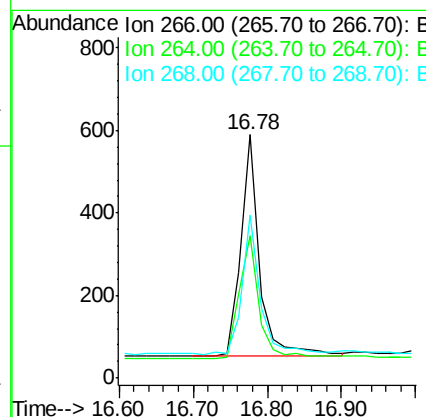
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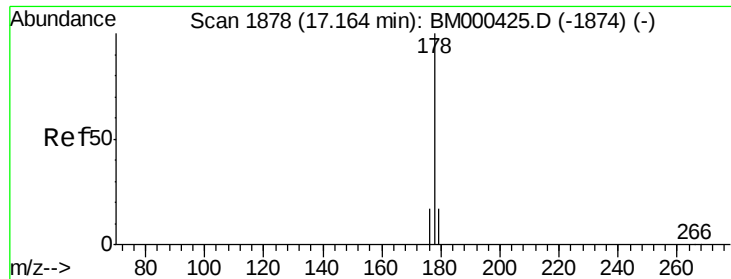
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#11
Pentachlorophenol
 Concen: 0.54 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM000432.D
 Acq: 05 Feb 2015 18:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.8	74.8
268	60.3	49.4	74.0





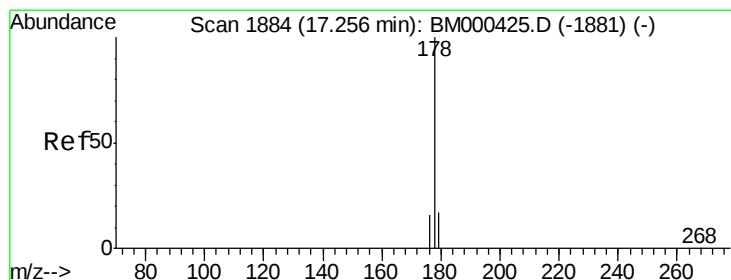
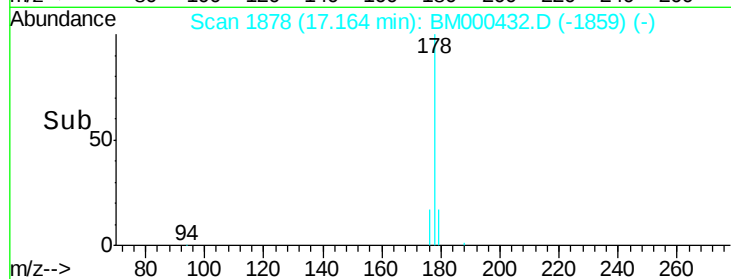
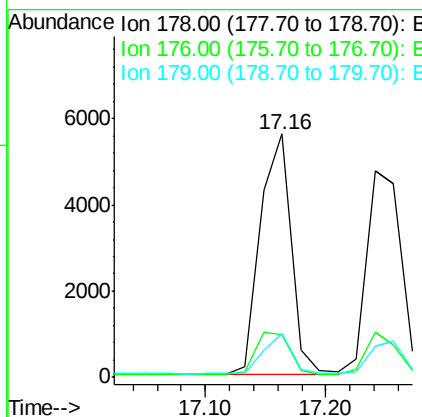
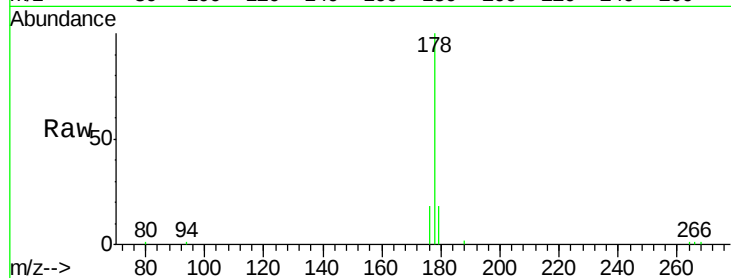
#12
Phenanthrene
Concen: 0.46 ng/ul
RT: 17.16 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Instrument :
BNA_M
ClientSampleId :
X1G13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.3	21.5
179	18.1	14.4	21.6

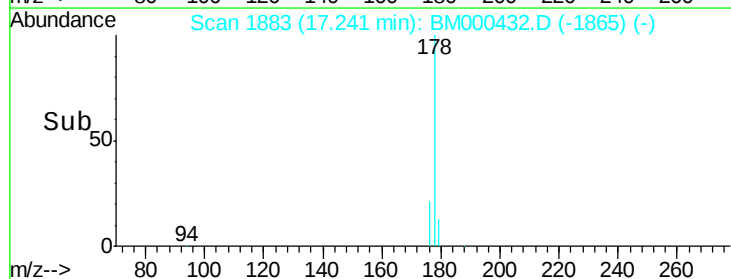
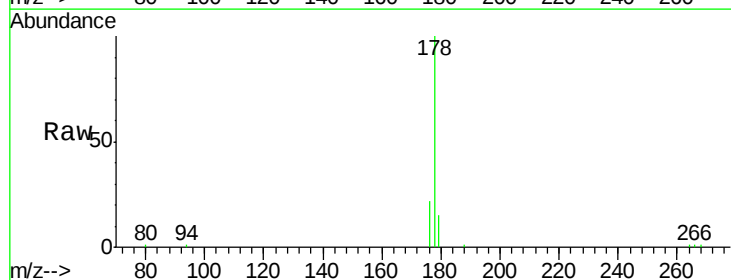
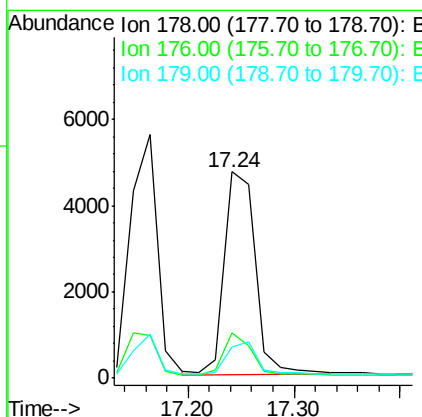
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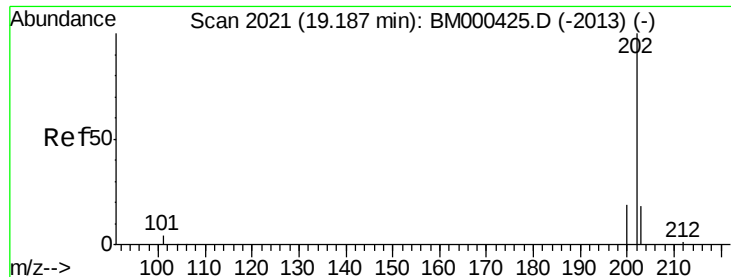
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#13
Anthracene
Concen: 0.48 ng/ul m
RT: 17.24 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	13.8	20.8#
179	14.9	14.8	22.2





#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.19 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BM000432.D

Acq: 05 Feb 2015 18:26

Instrument :

BNA_M

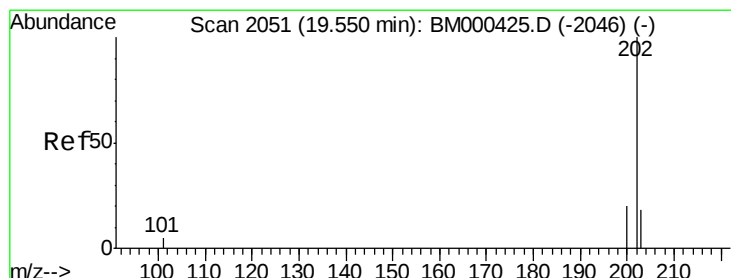
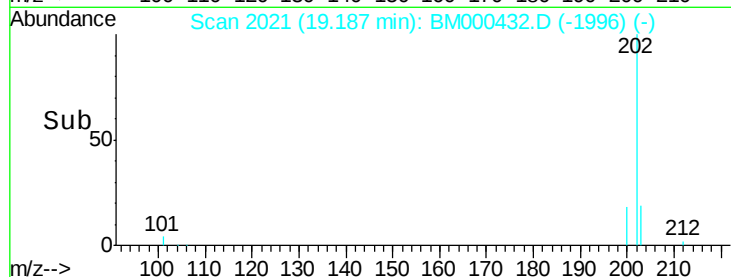
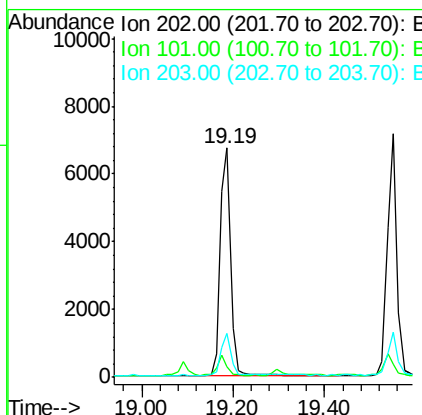
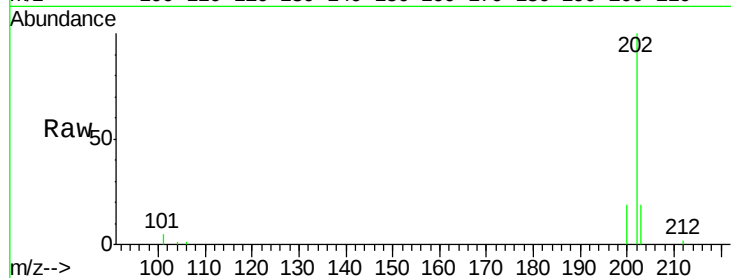
ClientSampleId :

X1G13

Tgt Ion:	202	Resp:	10685
Ion Ratio	Lower	Upper	
202	100		
101	4.9	0.0	24.6
203	19.4	0.0	38.9

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#17

Pyrene

Concen: 0.42 ng/ul

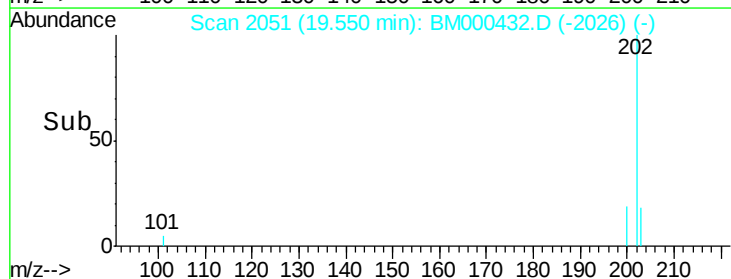
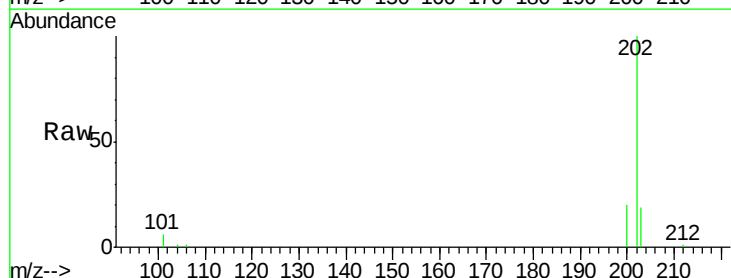
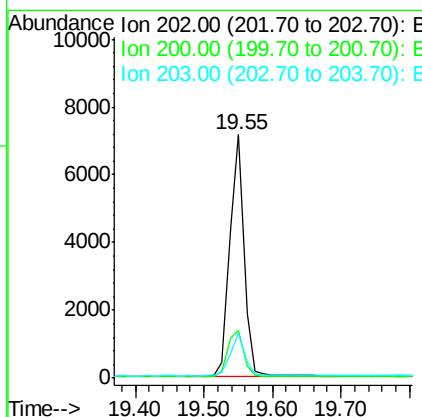
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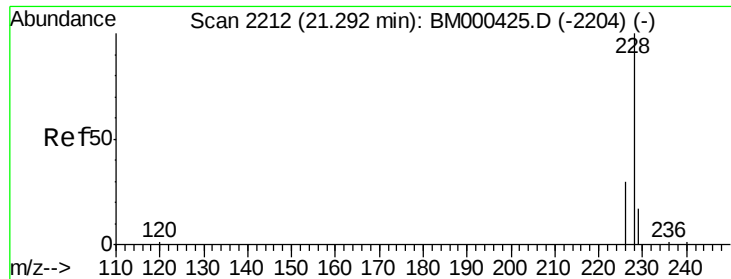
Delta R.T. 0.00 min

Lab File: BM000432.D

Acq: 05 Feb 2015 18:26

Tgt Ion:	202	Resp:	10296
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.3	24.5
203	18.7	14.7	22.1





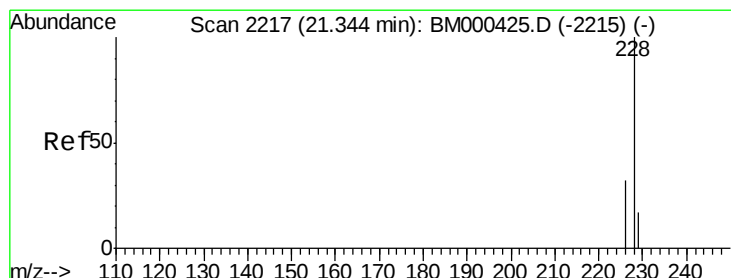
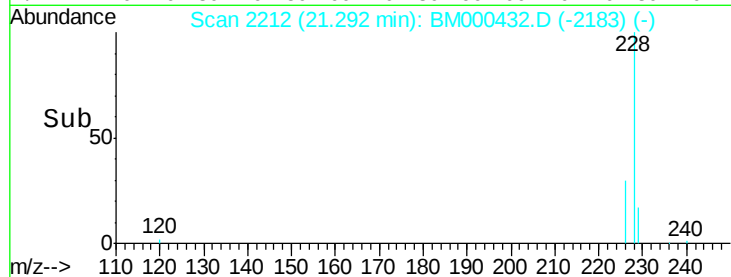
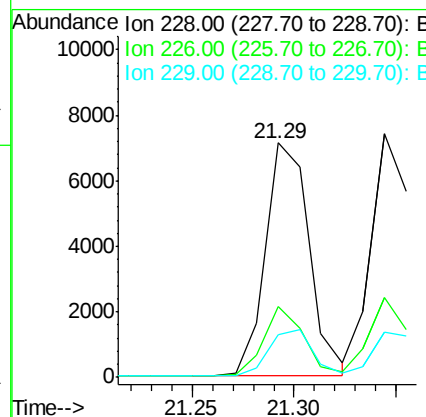
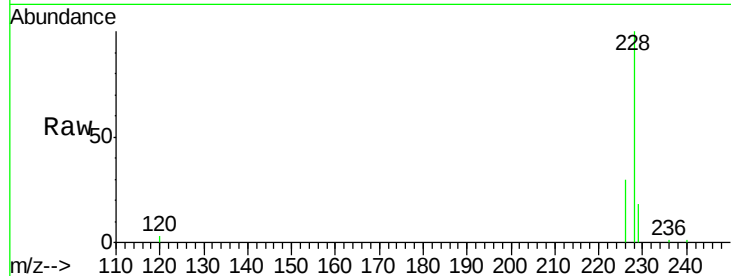
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Benzo(a)anthracene
Concen: 0.52 ng/ul
RT: 21.29 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Instrument :
BNA_M
ClientSampleId :
X1G13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	18.1	14.0	21.0

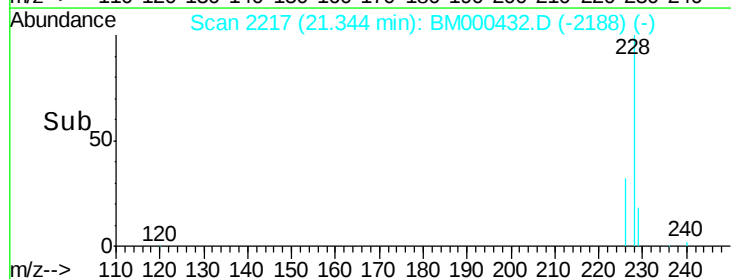
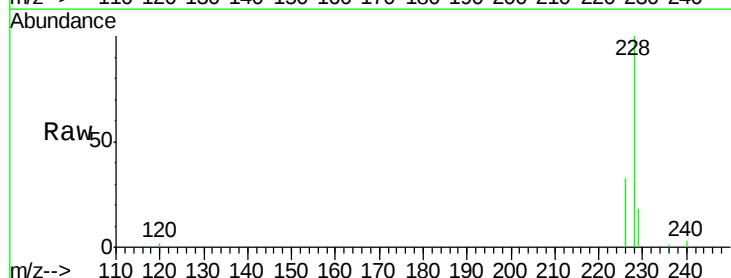
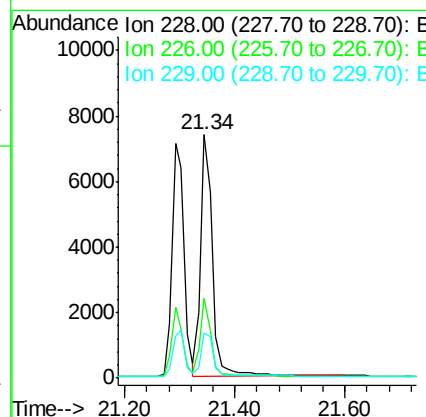
Manual Integrations
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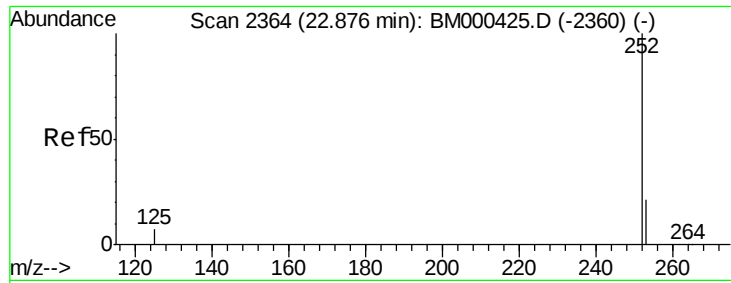
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#19
Chrysene
Concen: 0.50 ng/ul
RT: 21.34 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.2	39.4
229	18.4	14.6	22.0





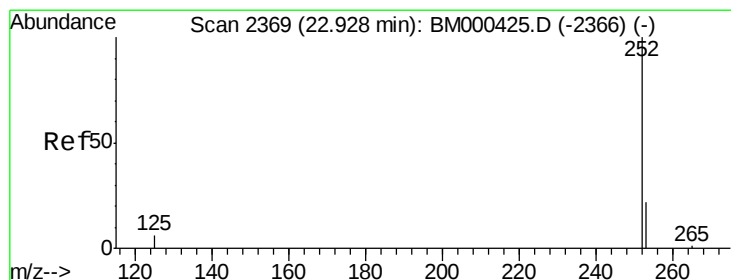
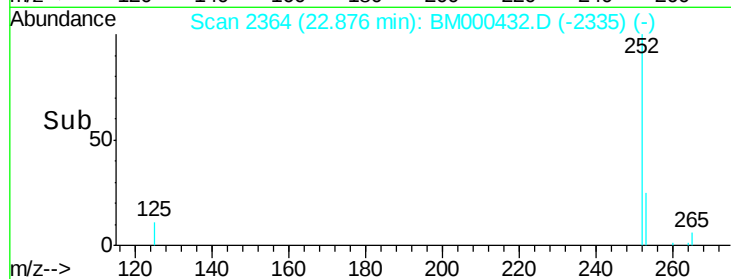
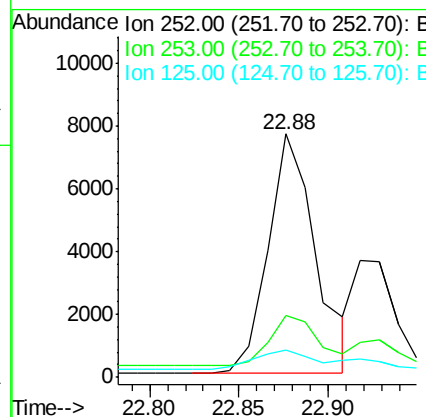
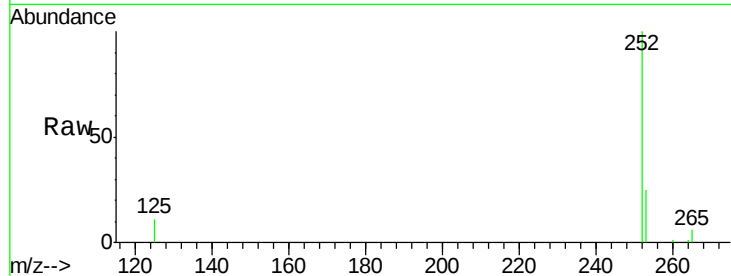
#21
Benzo(b)fluoranthene
Concen: 0.64 ng/u1
RT: 22.88 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Instrument :
BNA_M
ClientSampleId :
X1G13

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	0.0	53.8
125	11.2	0.0	18.0

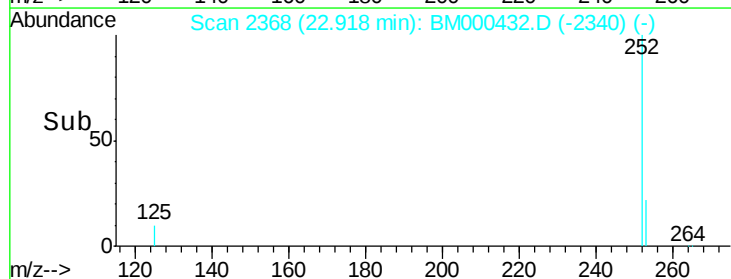
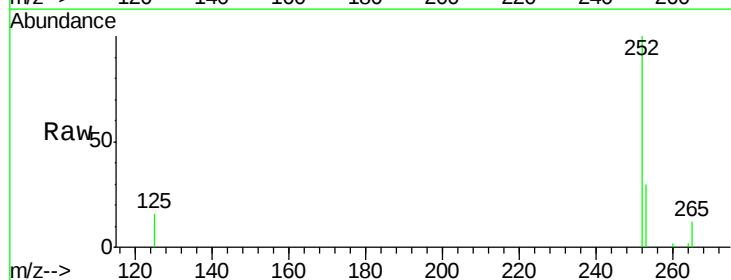
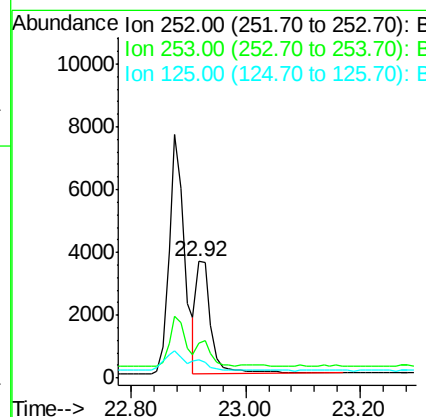
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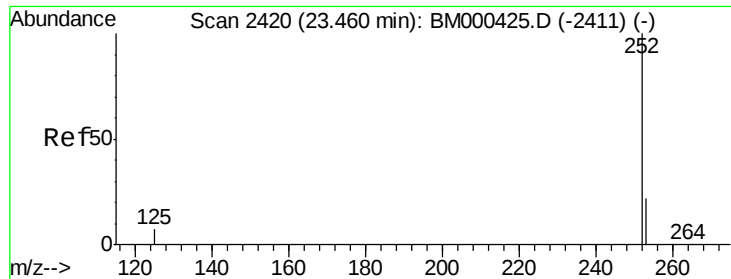
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#22
Benzo(k)fluoranthene
Concen: 0.30 ng/u1
RT: 22.92 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BM000432.D
Acq: 05 Feb 2015 18:26

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	30.2	23.3	34.9
125	16.3	6.2	9.4#





#23

Benzo(a)pyrene

Concen: 0.35 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM000432.D

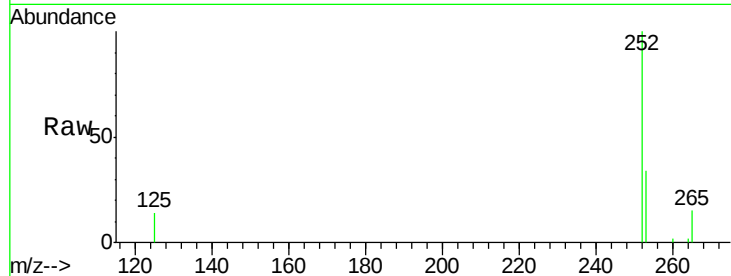
Acq: 05 Feb 2015 18:26

Instrument :

BNA_M

ClientSampleId :

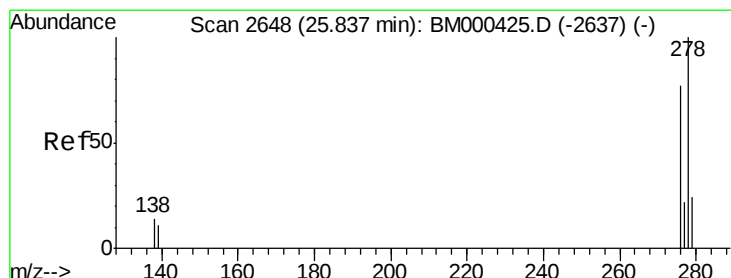
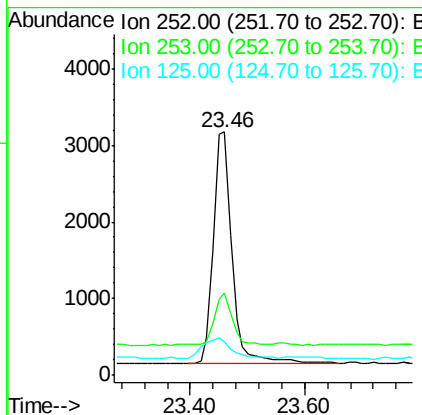
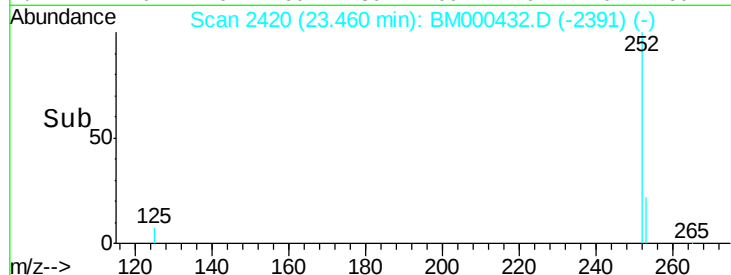
X1G13



Tgt Ion:	252	Resp:	7027
Ion Ratio	Lower	Upper	
252	100		
253	33.7	24.0	36.0
125	14.1	7.4	11.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.79 ng/ul

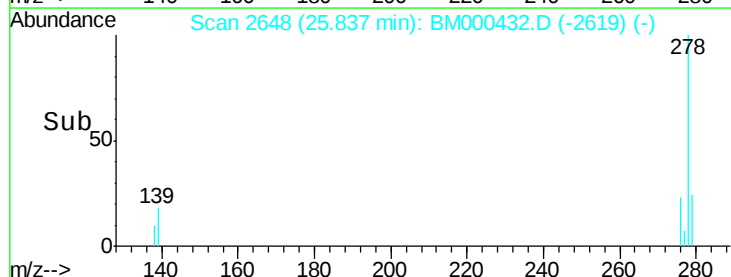
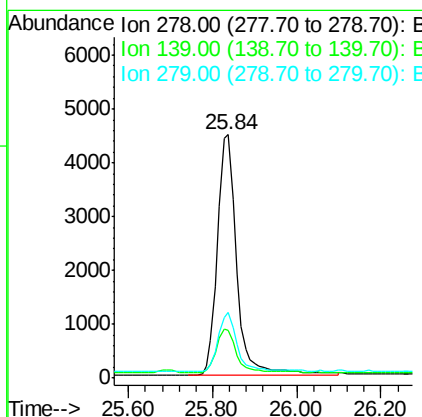
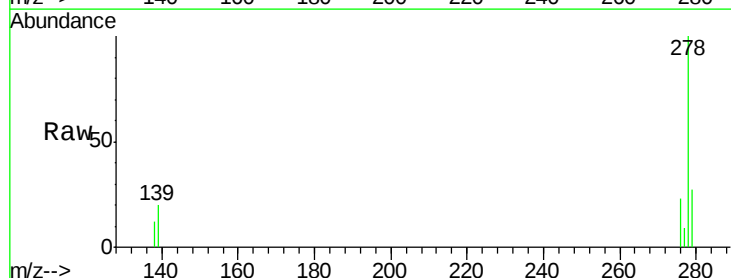
RT: 25.84 min Scan# 2648

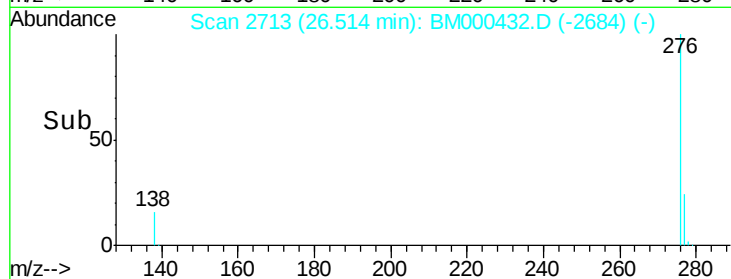
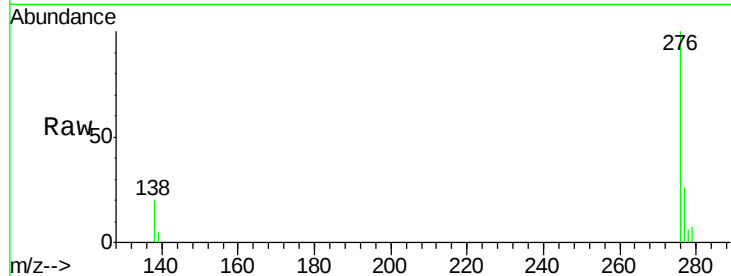
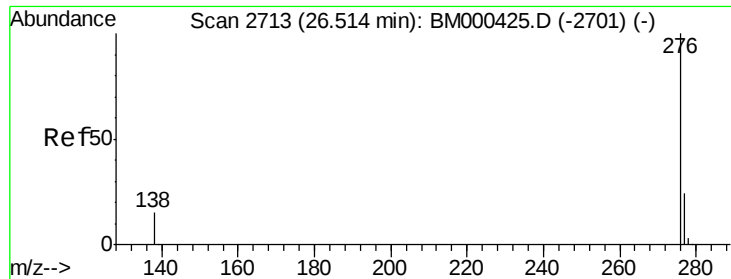
Delta R.T. 0.00 min

Lab File: BM000432.D

Acq: 05 Feb 2015 18:26

Tgt Ion:	278	Resp:	14382
Ion Ratio	Lower	Upper	
278	100		
139	19.6	10.9	16.3#
279	27.1	22.3	33.5





#26
 Benzo(g,h,i)perylene
 Concen: 0.31 ng/ul
 RT: 26.51 min Scan# 2713
 Delta R.T. 0.00 min
 Lab File: BM000432.D
 Acq: 05 Feb 2015 18:26

Tgt Ion:	276	Resp:	6216
Ion Ratio	Lower	Upper	
276	100		
277	26.4	20.6	30.8
138	19.9	13.9	20.9

Instrument :
 BNA_M
 ClientSampleId :
 X1G13

Manual Integrations
 APPROVED

apatel
 2/6/2015 2:09:18 PM

