

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008463.D
 Acq On : 20 Dec 2016 04:12
 Operator : UM/SJ
 Sample : H5938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA835

Manual Integrations
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Quant Time: Dec 20 13:20:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	440	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.42	136	2966	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	1275m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1679m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	1557m	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1321m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	683	0.15	ng/ul	-0.08
14) Fluoranthene-d10	19.09	212	1313m	0.28	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.48	128	24121	2.89	ng/ul	94
5) 2-Methylnaphthalene	12.09	142	32802	5.84	ng/ul	100
8) Acenaphthene	14.35	153	2384m	0.55	ng/ul	
9) Fluorene	15.34	166	6551m	1.32	ng/ul	
12) Phenanthrene	17.07	178	47449	9.25	ng/ul	97
13) Anthracene	17.18	178	4004m	0.80	ng/ul	
15) Fluoranthene	19.11	202	10253	1.63	ng/ul	91
17) Pyrene	19.48	202	11694	1.94	ng/ul	96
18) Benzo(a)anthracene	21.22	228	8354m	1.63	ng/ul	
19) Chrysene	21.28	228	12033m	2.15	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	5469m	1.05	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	1706m	0.34	ng/ul	
23) Benzo(a)pyrene	23.37	252	6116m	1.27	ng/ul	
26) Benzo(g,h,i)perylene	26.38	276	2267m	0.46	ng/ul	

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

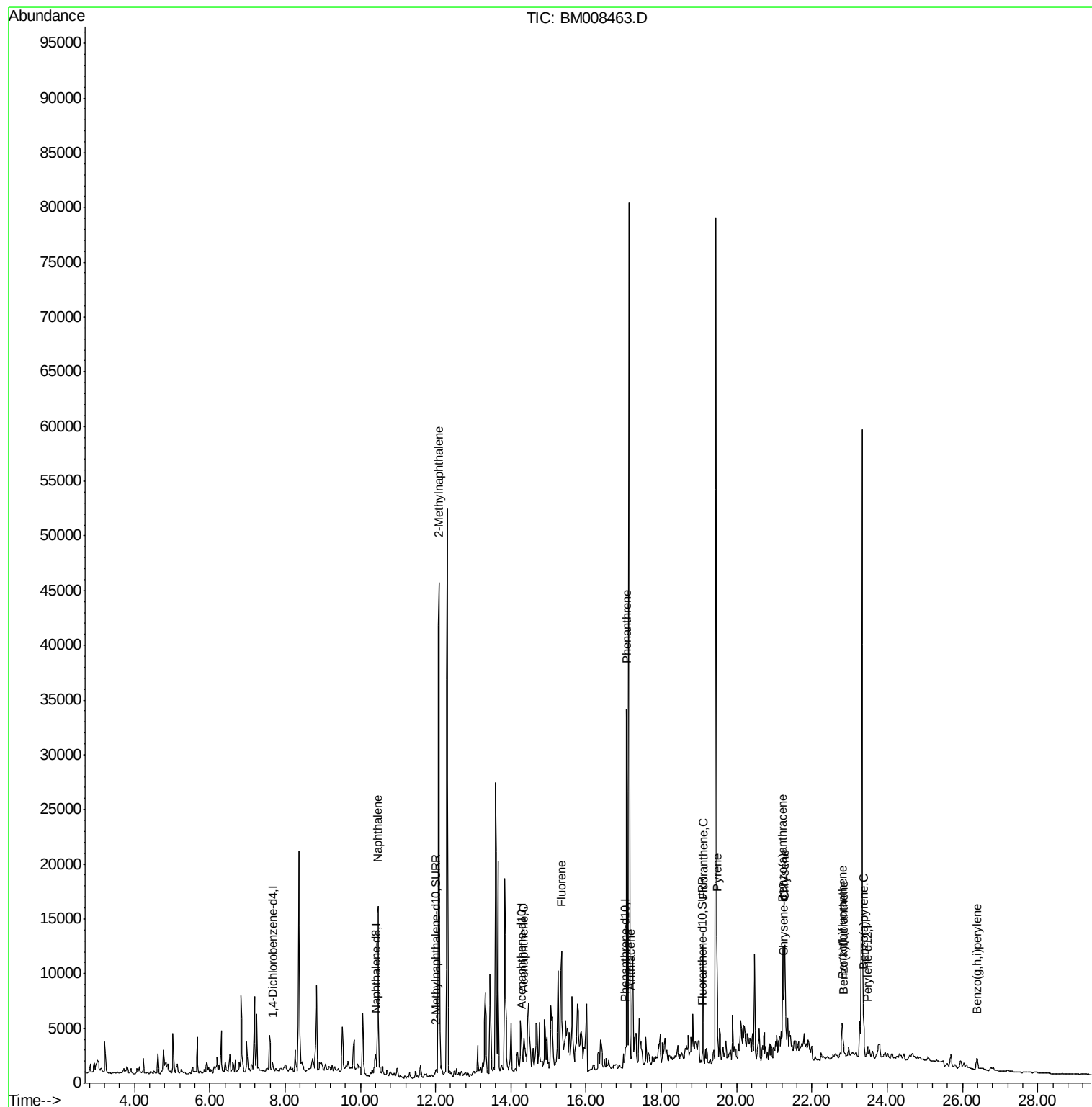
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008463.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

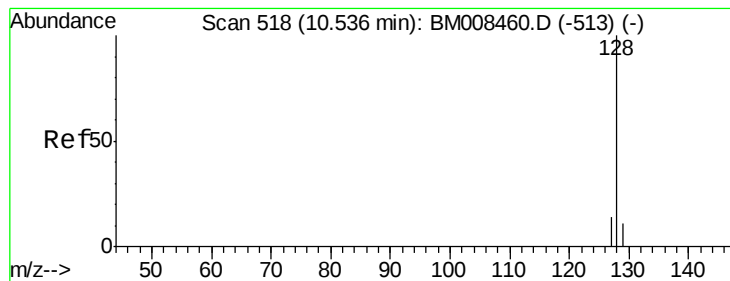
Instrument :
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QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.89 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008463.D

Acq: 20 Dec 2016 04:12

Instrument :

BNA_M

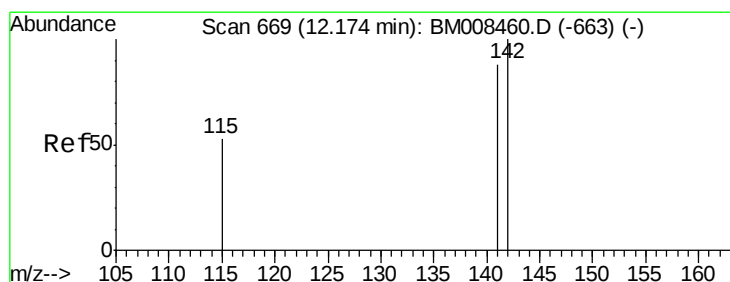
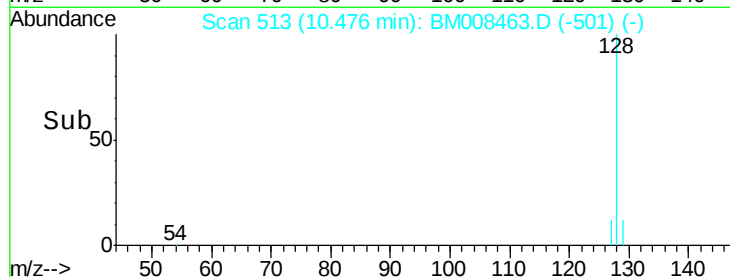
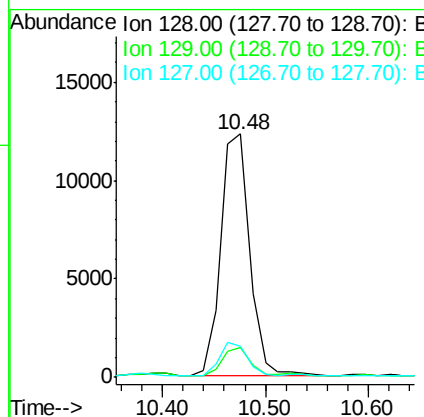
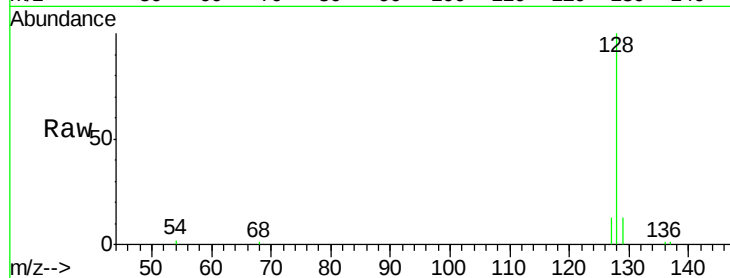
ClientSampled :

DA835

Tot Ion:	128	Resp:	24121
Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.3	16.9
127	12.8	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 5.84 ng/ul

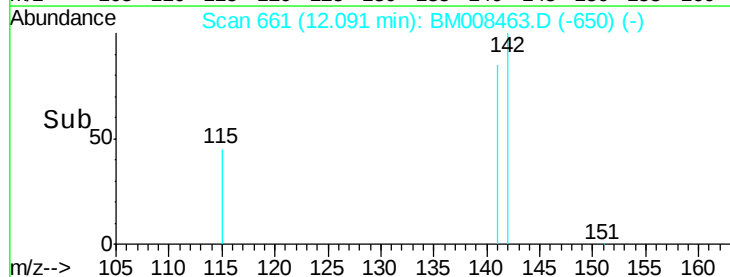
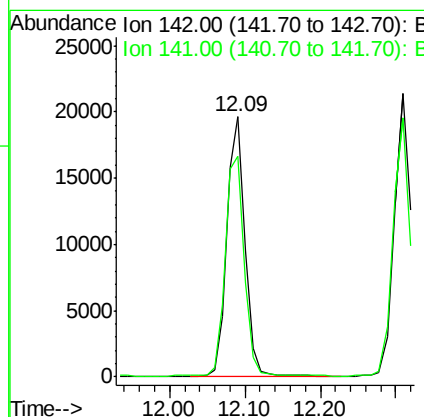
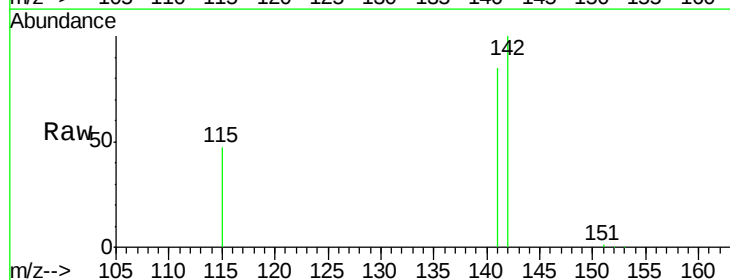
RT: 12.09 min Scan# 661

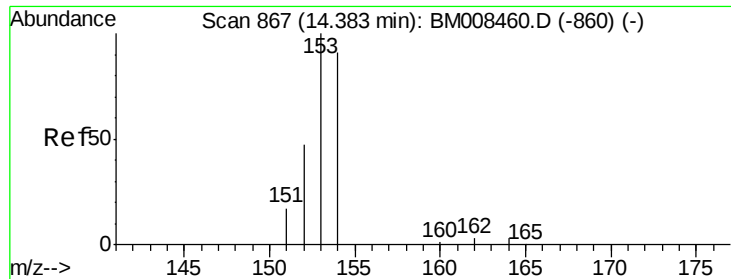
Delta R.T. -0.08 min

Lab File: BM008463.D

Acq: 20 Dec 2016 04:12

Tgt Ion:	142	Resp:	32802
Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8





#8

Acenaphthene

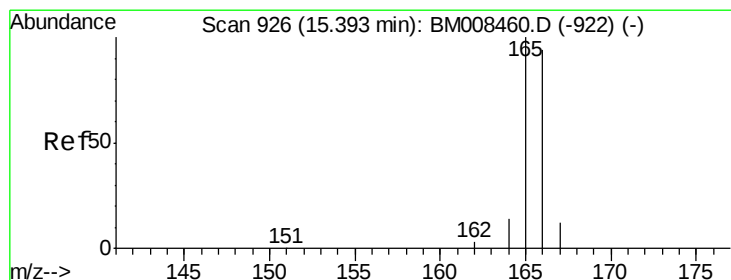
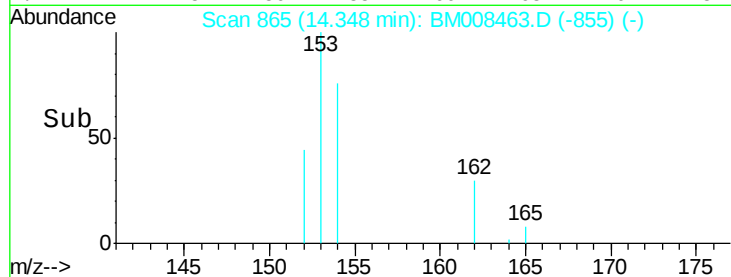
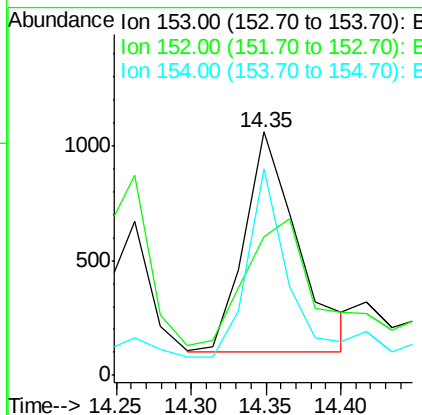
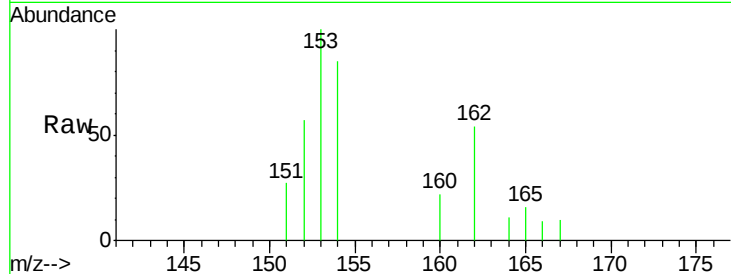
Concen: 0.55 ng/ul m
 RT: 14.35 min Scan# 865
 Delta R.T. -0.03 min
 Lab File: BM008463.D
 Acq: 20 Dec 2016 04:12

Instrument :
 BNA_M
 ClientSampled :
 DA835

Tot Ion	Ratio	Lower	Upper
153	100		
152	56.8	40.3	60.5
154	84.8	71.4	107.2

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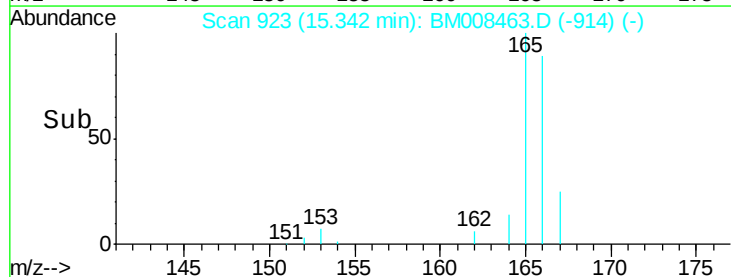
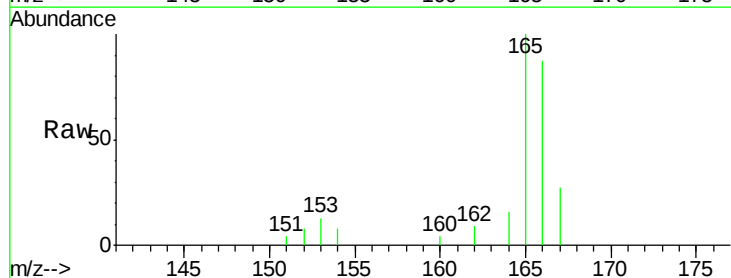
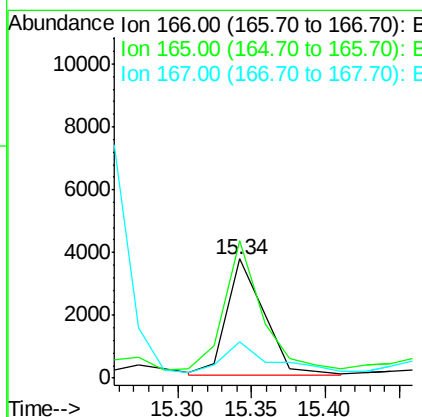


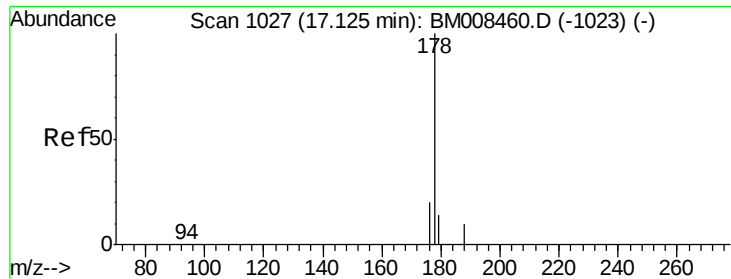
#9

Fluorene

Concen: 1.32 ng/ul m
 RT: 15.34 min Scan# 923
 Delta R.T. -0.05 min
 Lab File: BM008463.D
 Acq: 20 Dec 2016 04:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	114.7	73.4	110.2#
167	30.9	14.6	22.0#





#12

Phenanthrene

Concen: 9.25 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BM008463.D

Acq: 20 Dec 2016 04:12

Instrument :

BNA_M

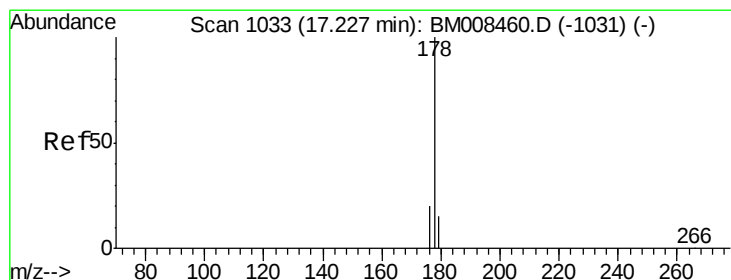
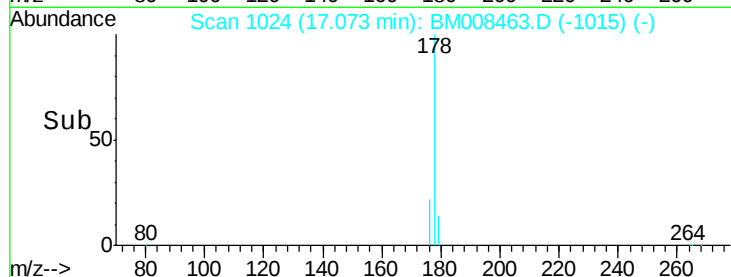
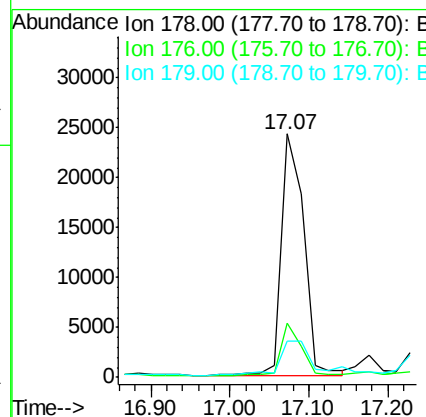
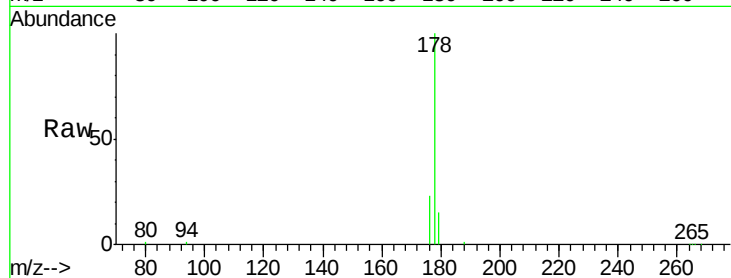
ClientSampleId :

DA835

Tot Ion:178	Resp:	47449
Ion Ratio	Lower	Upper
178	100	
176	22.5	18.4 27.6
179	14.8	13.6 20.4

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#13

Anthracene

Concen: 0.80 ng/ul m

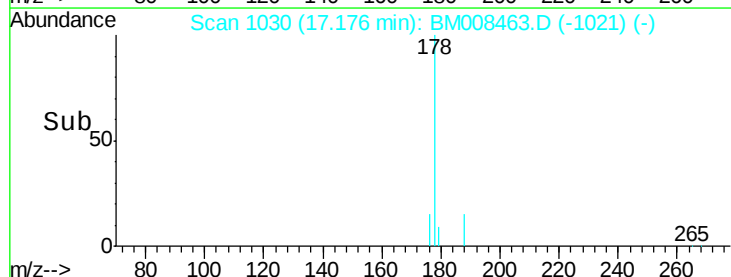
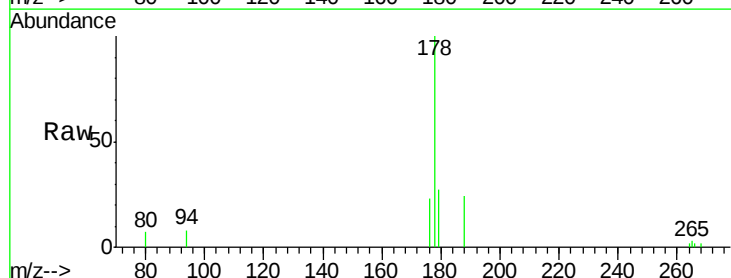
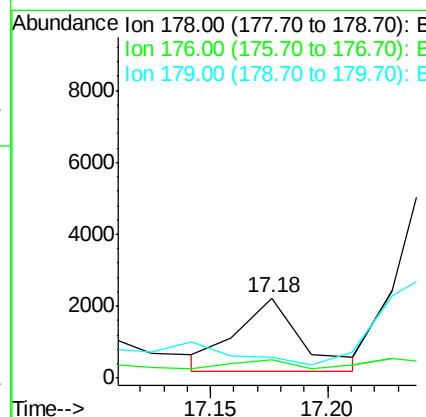
RT: 17.18 min Scan# 1030

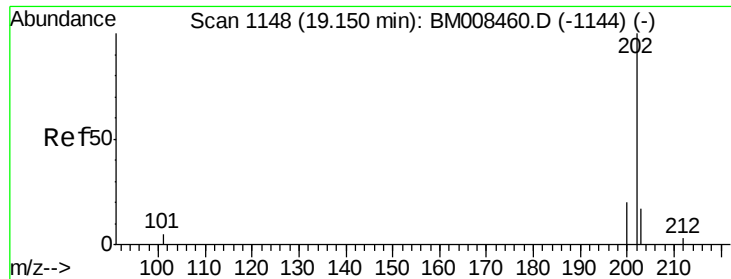
Delta R.T. -0.05 min

Lab File: BM008463.D

Acq: 20 Dec 2016 04:12

Tgt Ion:178	Resp:	4004
Ion Ratio	Lower	Upper
178	100	
176	23.2	18.1 27.1
179	26.6	14.7 22.1#





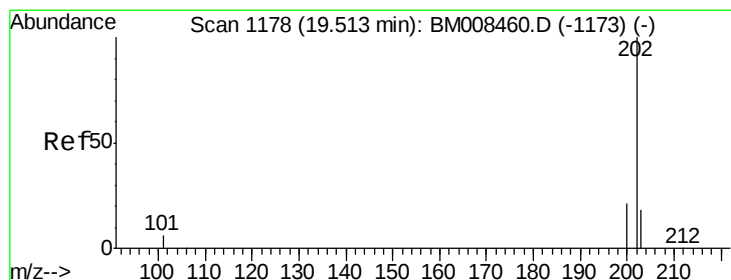
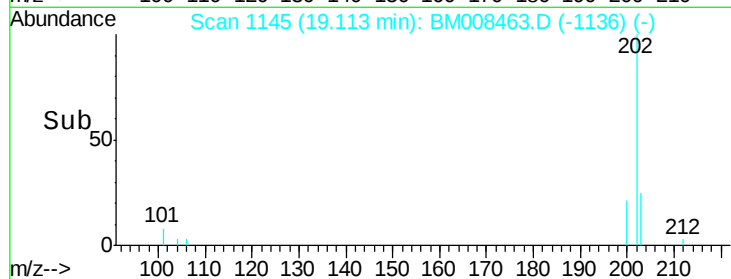
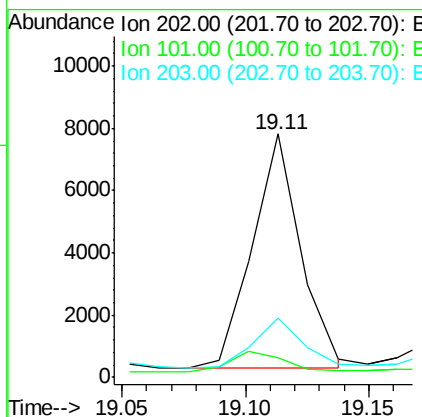
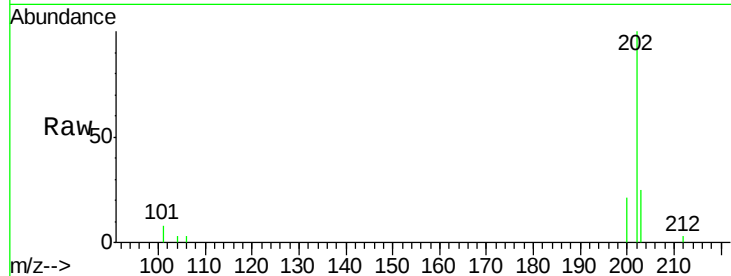
#15
Fluoranthene
Concen: 1.63 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM008463.D
Acq: 20 Dec 2016 04:12

Instrument :
BNA_M
ClientSampleId :
DA835

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	0.0	30.3
203	24.5	0.0	39.5

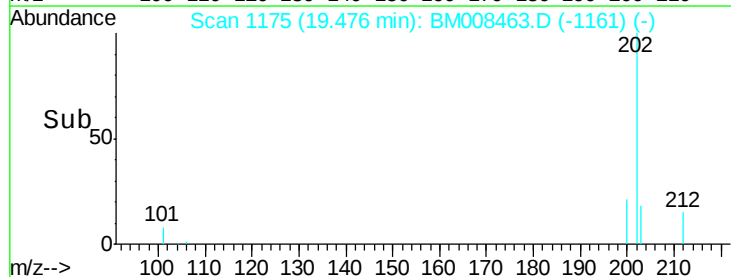
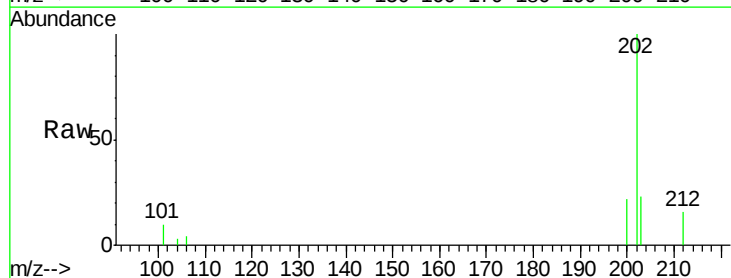
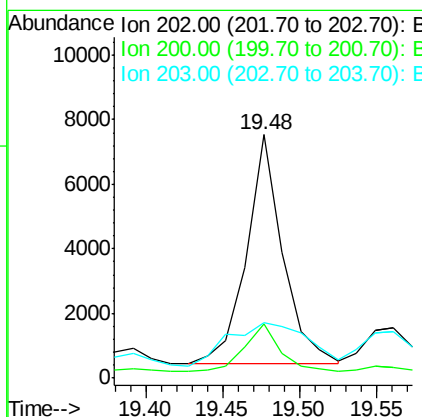
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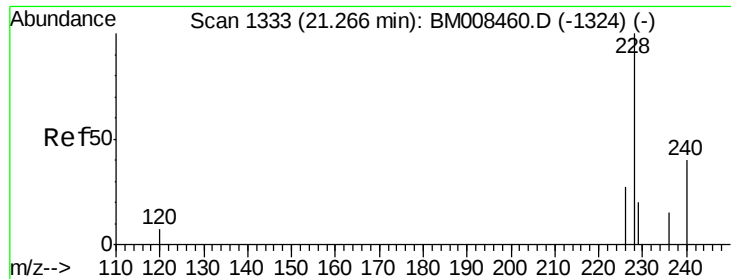
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#17
Pyrene
Concen: 1.94 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008463.D
Acq: 20 Dec 2016 04:12

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	18.2	27.4
203	22.9	15.6	23.4





#18

Benzo(a)anthracene

Concen: 1.63 ng/ul m

RT: 21.22 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BM008463.D

Acq: 20 Dec 2016 04:12

Instrument :

BNA_M

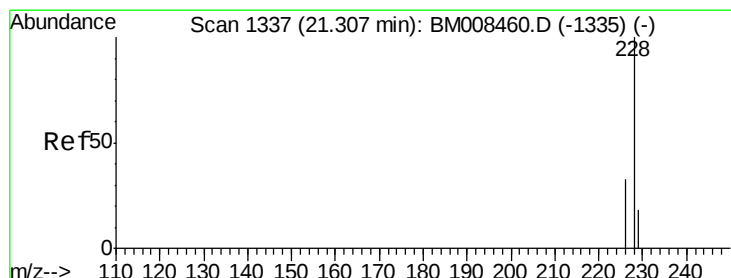
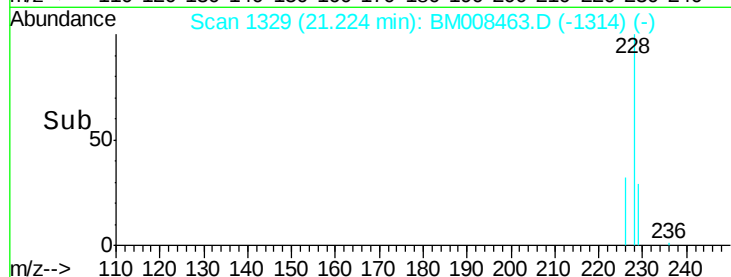
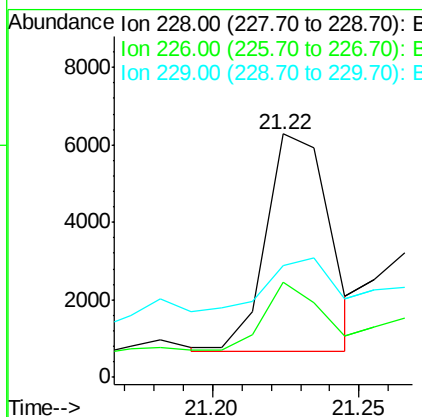
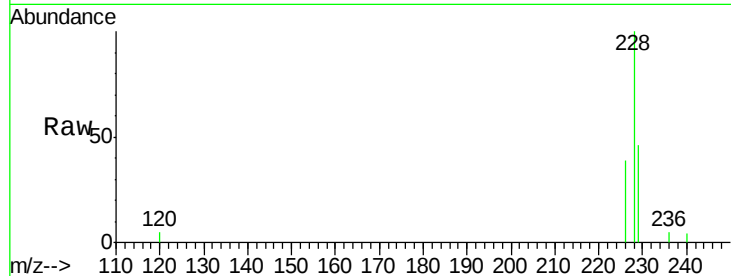
ClientSampleId :

DA835

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.9	22.8	34.2#
229	46.0	17.0	25.6#

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#19

Chrysene

Concen: 2.15 ng/ul m

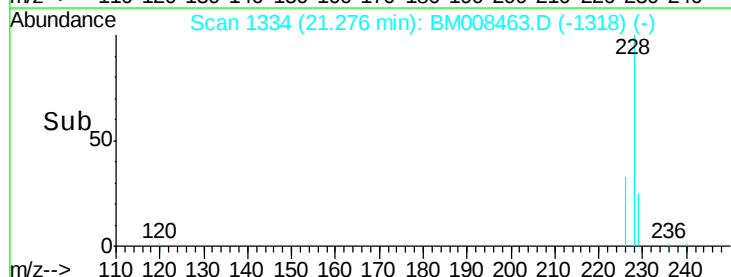
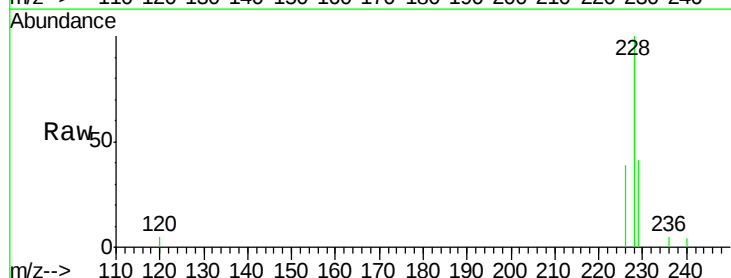
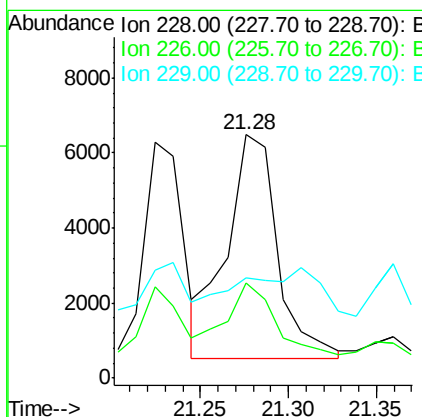
RT: 21.28 min Scan# 1334

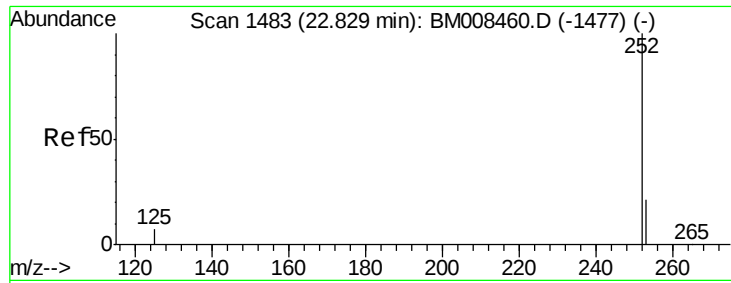
Delta R.T. -0.03 min

Lab File: BM008463.D

Acq: 20 Dec 2016 04:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.2	23.4	35.0#
229	40.9	17.7	26.5#





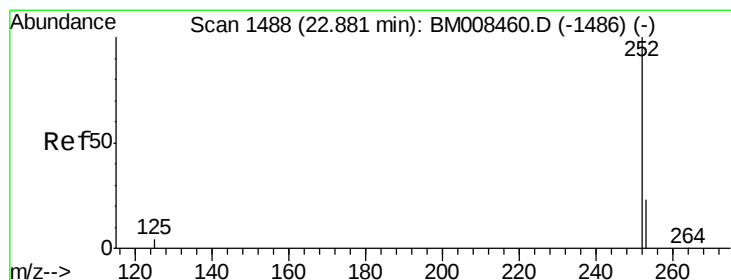
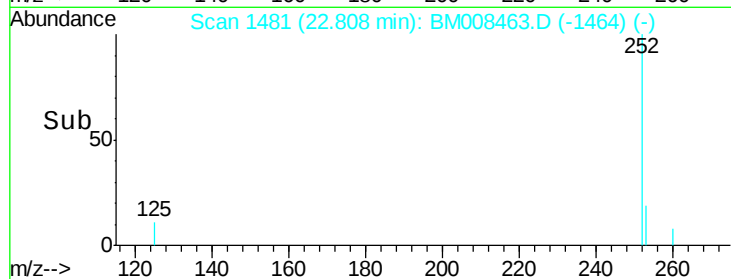
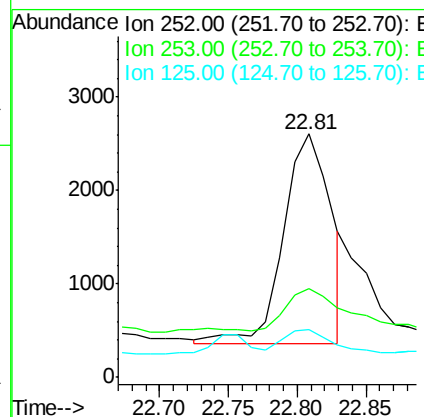
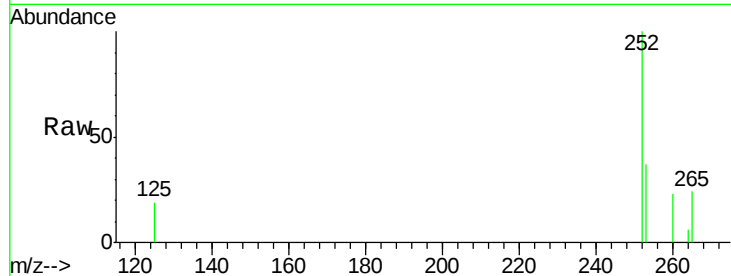
#21
Benzo(b)fluoranthene
Concen: 1.05 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008463.D
Acq: 20 Dec 2016 04:12

Instrument :
BNA_M
ClientSampleId :
DA835

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.7	0.0	64.2
125	19.4	0.0	35.0

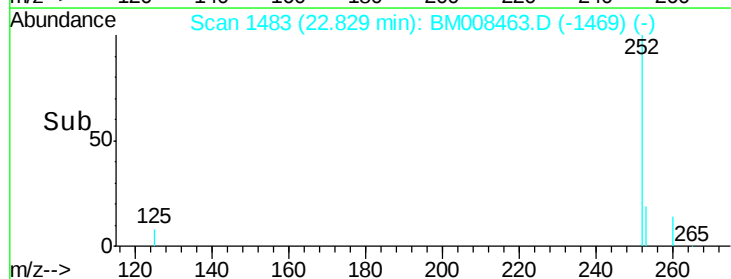
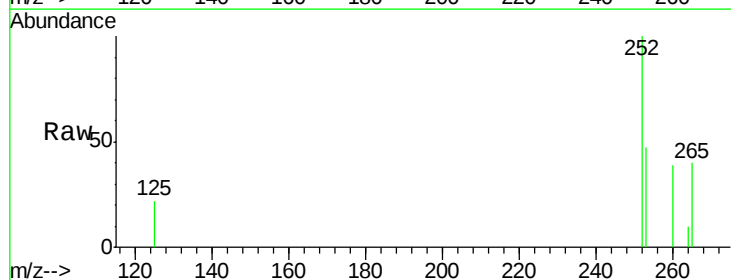
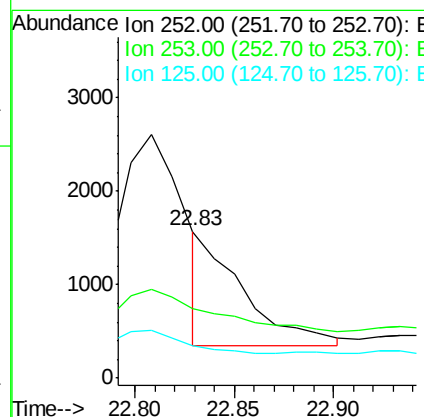
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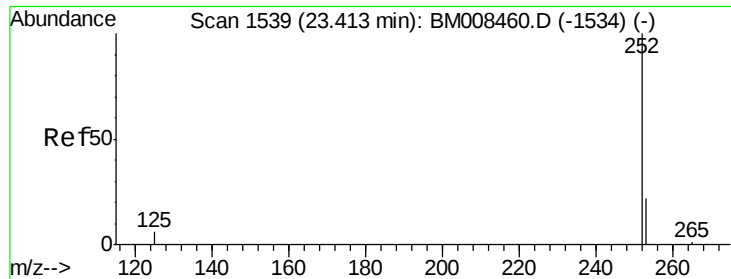
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#22
Benzo(k)fluoranthene
Concen: 0.34 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.05 min
Lab File: BM008463.D
Acq: 20 Dec 2016 04:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.5	24.5	36.7#
125	22.4	13.7	20.5#





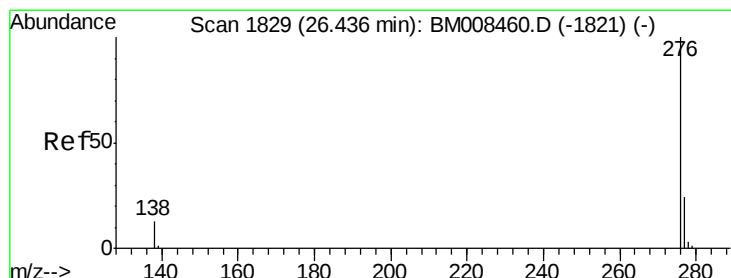
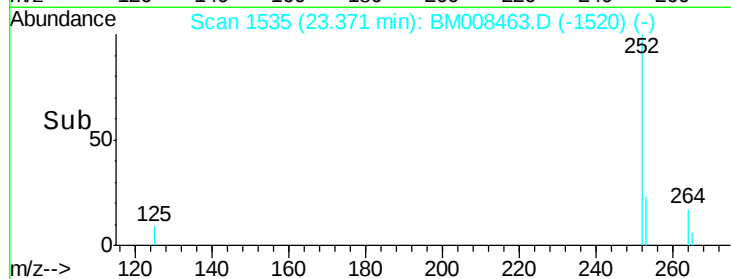
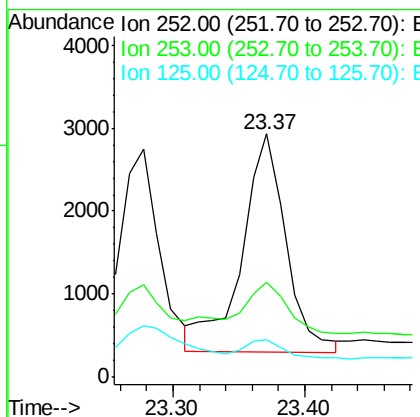
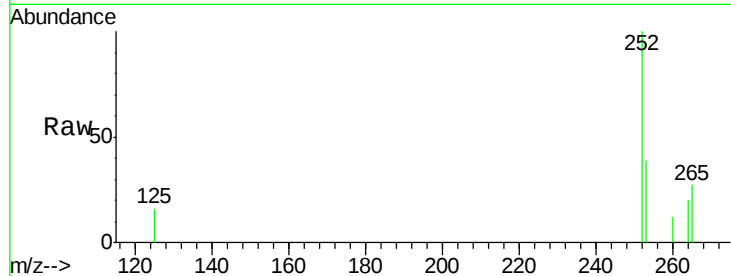
#23
Benzo(a)pyrene
Concen: 1.27 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM008463.D
Acq: 20 Dec 2016 04:12

Instrument :
BNA_M
ClientSampleId :
DA835

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.0	28.5	42.7
125	15.6	18.1	27.1#

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#26
Benzo(g,h,i)perylene
Concen: 0.46 ng/ul m
RT: 26.38 min Scan# 1824
Delta R.T. -0.05 min
Lab File: BM008463.D
Acq: 20 Dec 2016 04:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.3	21.8	32.8#
138	29.0	20.5	30.7

