

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010715\
 Data File : BM000129.D
 Acq On : 07 Jan 2015 15:16
 Operator : TP/IZ
 Sample : MDL-03-W
 Misc : MDL-WATER-0.07PPM-SIM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Manual Integrations
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 1/9/2015 5:44:47 PM

Quant Time: Jan 08 11:55:03 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 10:41:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3151	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	10285	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5826	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	10786	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	9189	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8389	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5097	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	8469	0.36	ng/ul	0.00

Target Compounds						Ovalue
3) Naphthalene	10.68	128	1573	0.06	ng/ul#	89
5) 2-Methylnaphthalene	12.29	142	1015	0.06	ng/ul	97
7) Acenaphthylene	14.20	152	1570	0.05	ng/ul#	89
8) Acenaphthene	14.54	153	1004	0.06	ng/ul	97
9) Fluorene	15.54	166	1208	0.06	ng/ul#	90
11) Pentachlorophenol	16.88	266	58	0.03	ng/ul#	70
12) Phenanthrene	17.26	178	1888	0.06	ng/ul#	89
13) Anthracene	17.35	178	1782	0.06	ng/ul#	86
15) Fluoranthene	19.27	202	2252	0.06	ng/ul	91
17) Pyrene	19.64	202	2297	0.06	ng/ul#	92
18) Benzo(a)anthracene	21.39	228	1848	0.06	ng/ul	93
19) Chrysene	21.44	228	2010m	0.06	ng/ul	
21) Benzo(b)fluoranthene	23.05	252	1775	0.05	ng/ul	67
22) Benzo(k)fluoranthene	23.05	252	1775	0.06	ng/ul#	68
23) Benzo(a)pyrene	23.60	252	1808	0.06	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	26.05	276	2025	0.06	ng/ul	98
25) Dibenzo(a,h)anthracene	26.07	278	1611	0.06	ng/ul#	64
26) Benzo(g,h,i)perylene	26.75	276	1824	0.06	ng/ul#	84

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

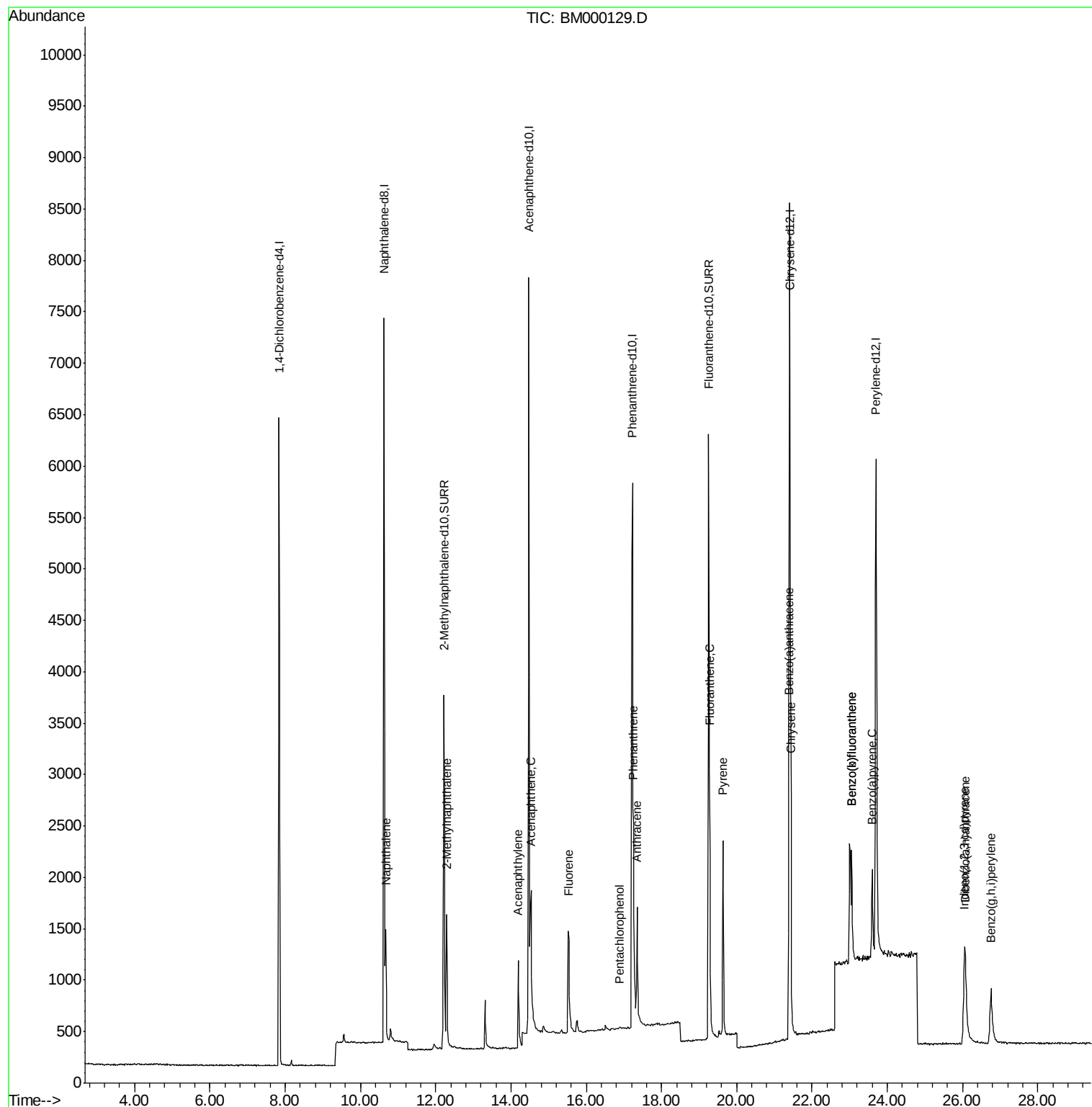
Data Path : Z:\HPCHEM1\BNA M\DATA\BM010715\
Data File : BM000129.D
Acq On : 07 Jan 2015 15:16
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Sample : MDL-03-W
Misc : MDL-WATER-0.07PPM-SIM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Jan 08 11:55:03 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 10:41:47 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.06 ng/ul

RT: 10.68 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Instrument :

BNA_M

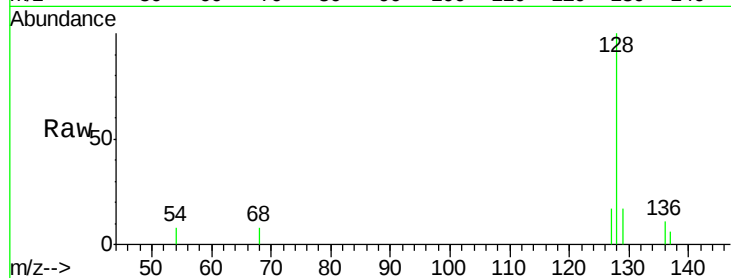
ClientSampleId :

MDL-03-W

Tot Ion:128	Resp:	1573
Ion Ratio	Lower	Upper
128	100	
129	16.5	9.5 14.3#
127	16.8	10.4 15.6#

Manual Integrations
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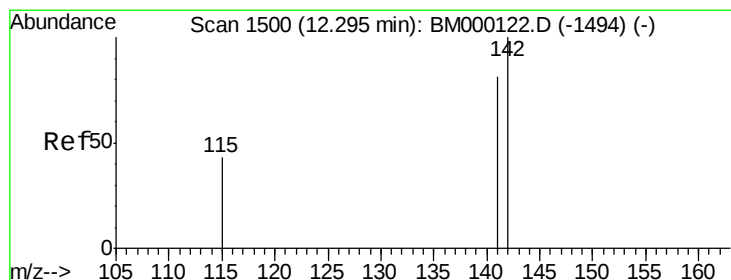
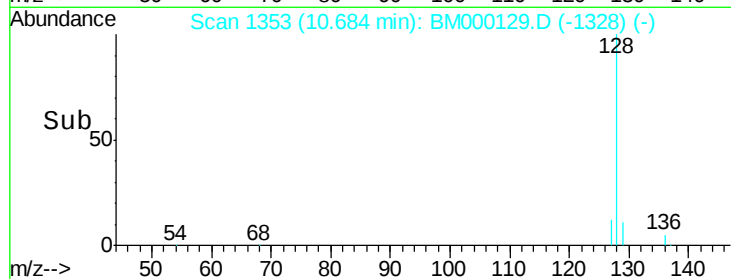
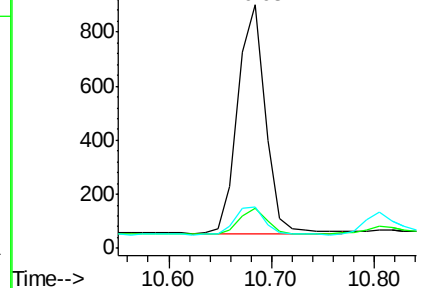
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

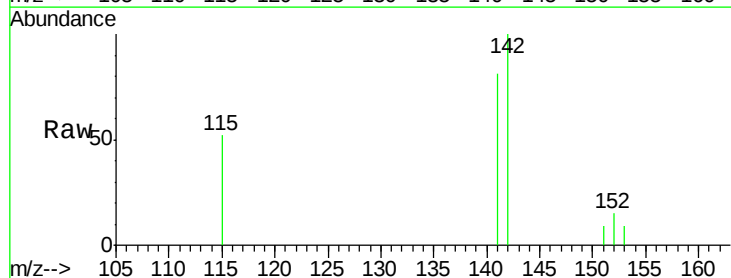
RT: 12.29 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BM000129.D

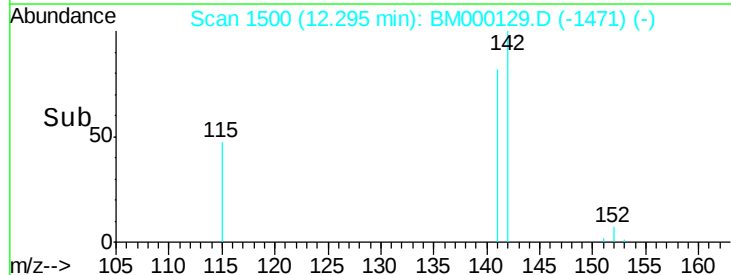
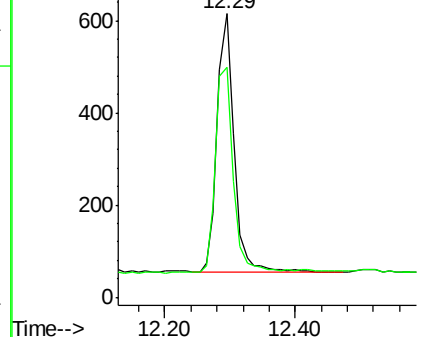
Acq: 07 Jan 2015 15:16

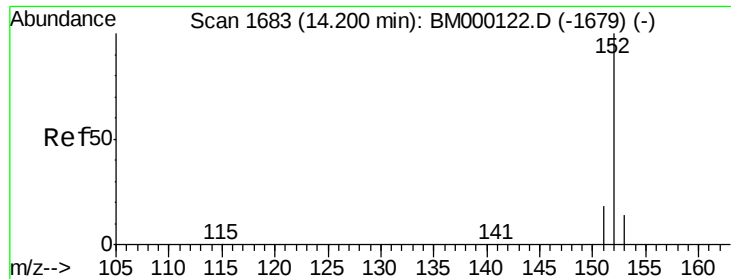
Tgt Ion:142	Resp:	1015
Ion Ratio	Lower	Upper
142	100	
141	83.3	68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.20 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Instrument :

BNA_M

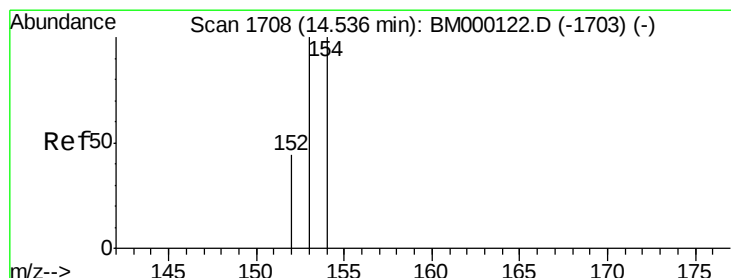
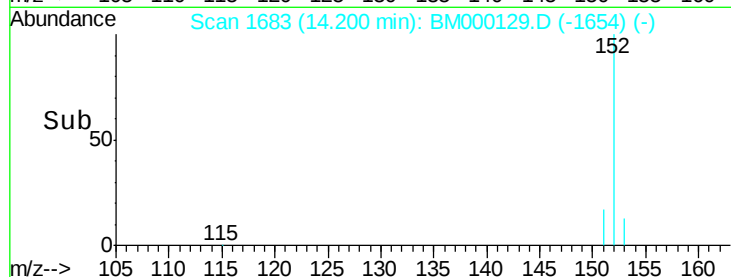
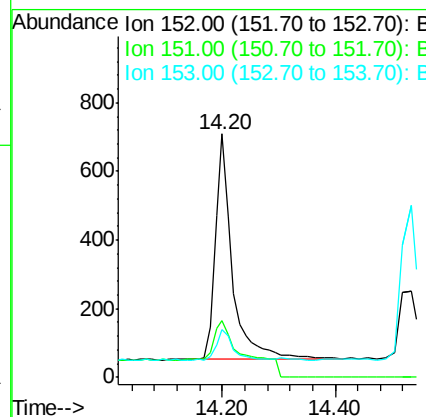
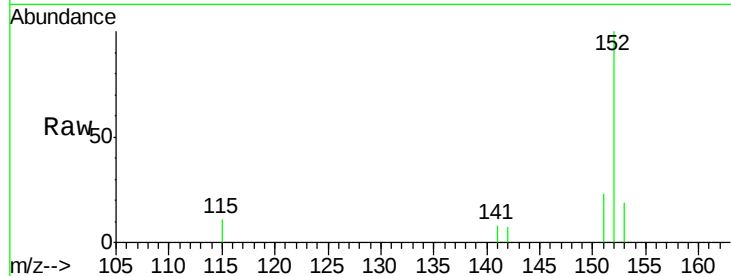
ClientSampleId :

MDL-03-W

Tot Ion:	152	Resp:	1570
Ion Ratio	Lower	Upper	
152	100		
151	23.1	15.4	23.2
153	19.5	11.0	16.4#

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#8

Acenaphthene

Concen: 0.06 ng/ul

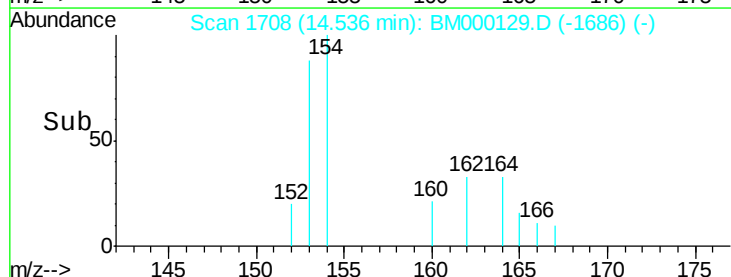
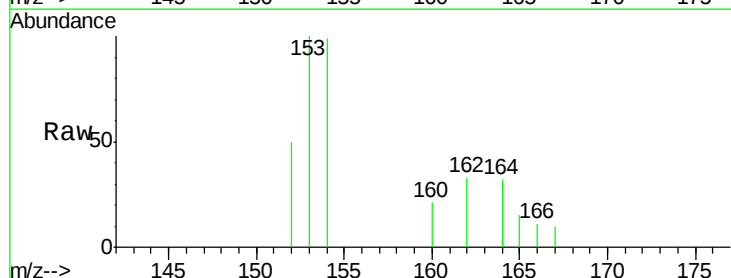
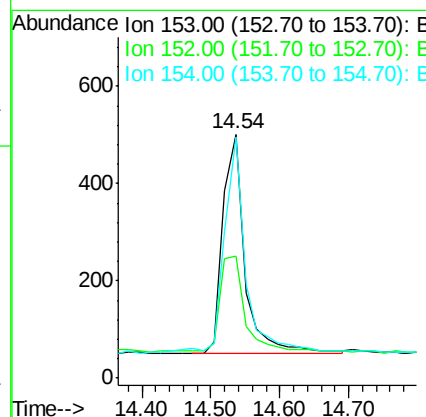
RT: 14.54 min Scan# 1708

Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Tgt Ion:	153	Resp:	1004
Ion Ratio	Lower	Upper	
153	100		
152	50.3	35.8	53.6
154	99.0	79.9	119.9





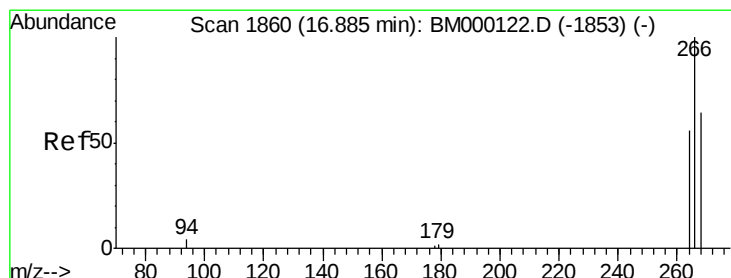
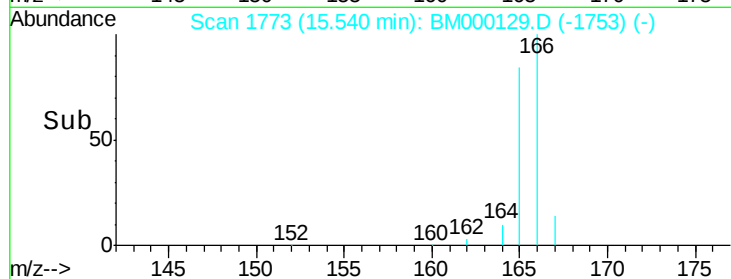
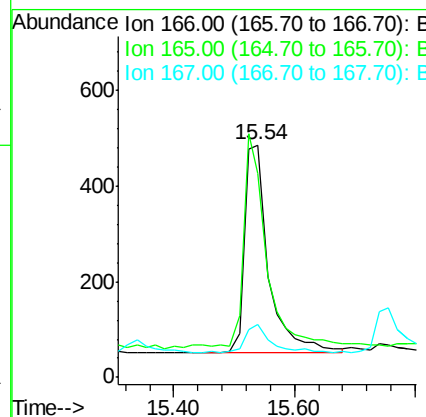
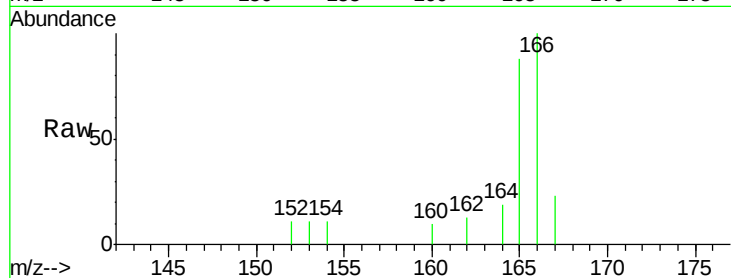
#9
Fluorene
 Concen: 0.06 ng/ul
 RT: 15.54 min Scan# 1773
 Delta R.T. 0.02 min
 Lab File: BM000129.D
 Acq: 07 Jan 2015 15:16

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Tot Ion	Ratio	Lower	Upper
166	100		
165	87.7	77.0	115.4
167	22.8	11.0	16.6#

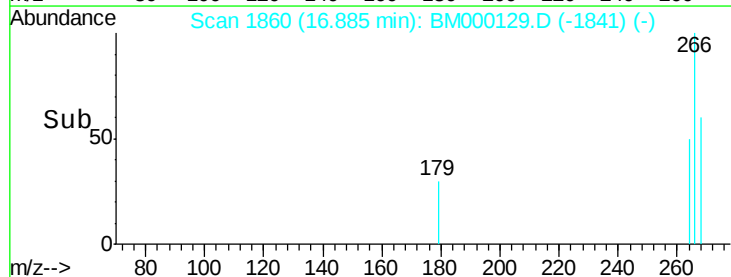
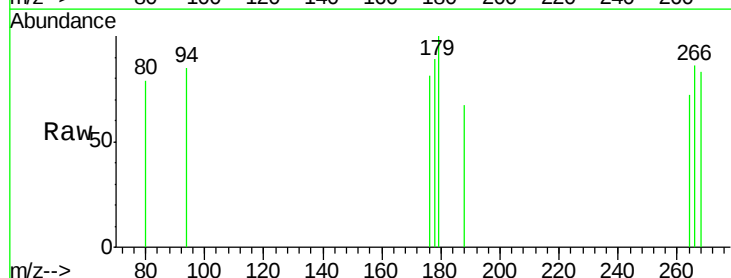
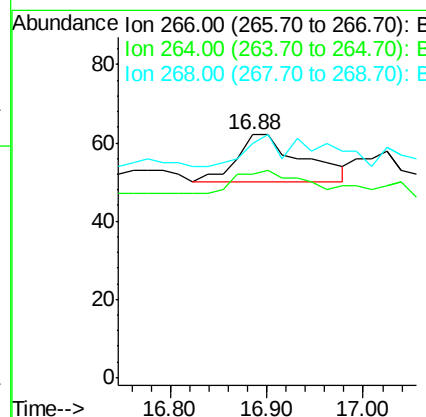
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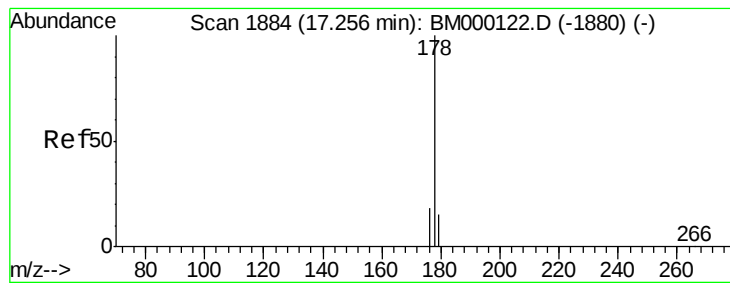
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#11
Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 16.88 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM000129.D
 Acq: 07 Jan 2015 15:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	50.0	53.9	80.9#
268	31.0	49.2	73.8#





#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Instrument :

BNA_M

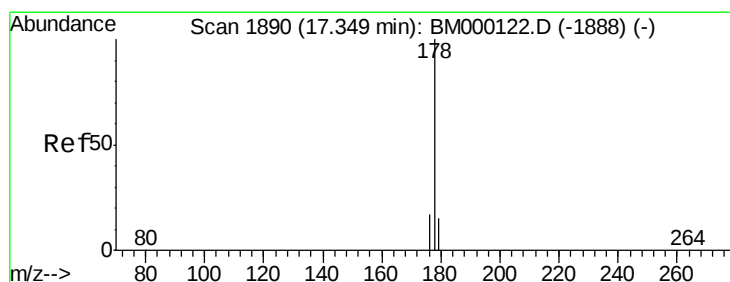
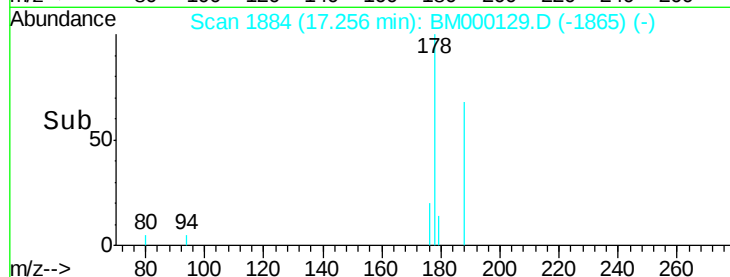
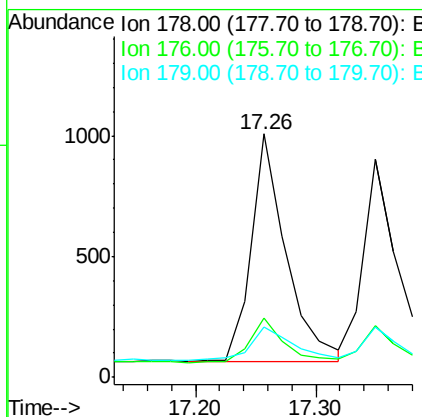
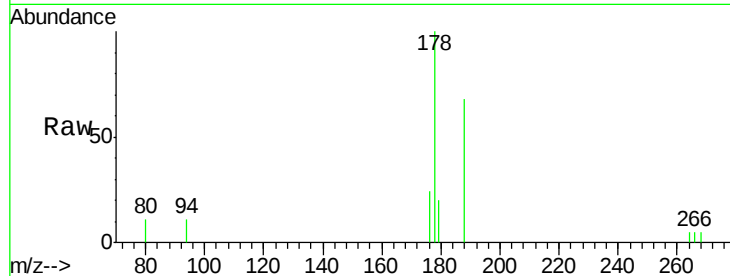
ClientSampleId :

MDL-03-W

Tot Ion:178	Resp:	1888
Ion Ratio	Lower	Upper
178	100	
176	24.3	15.1 22.7#
179	20.4	13.0 19.4#

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#13

Anthracene

Concen: 0.06 ng/ul

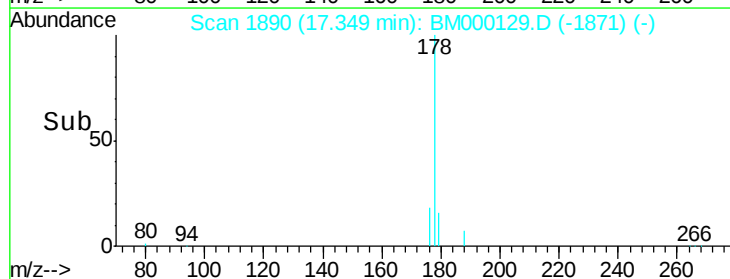
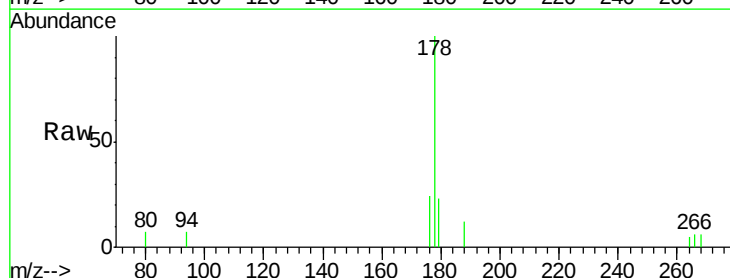
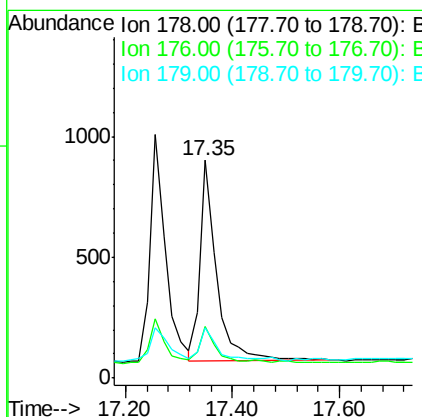
RT: 17.35 min Scan# 1890

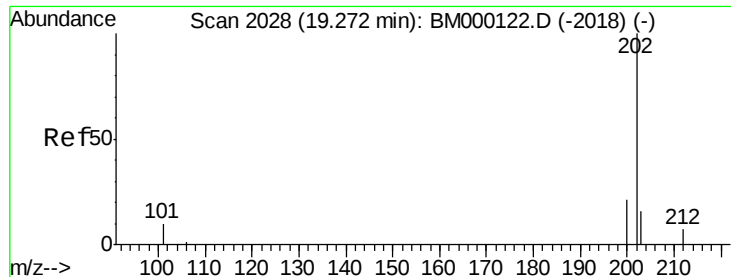
Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Tgt Ion:178	Resp:	1782
Ion Ratio	Lower	Upper
178	100	
176	23.6	14.6 21.8#
179	23.1	13.1 19.7#





#15

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.27 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Instrument :

BNA_M

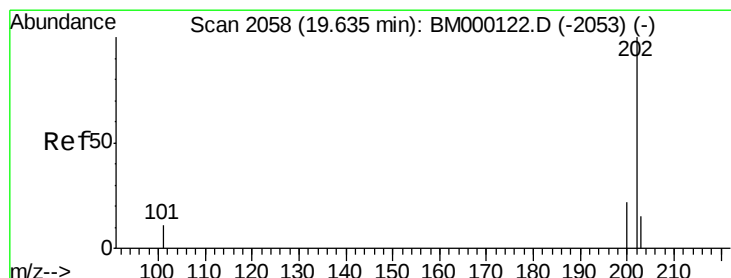
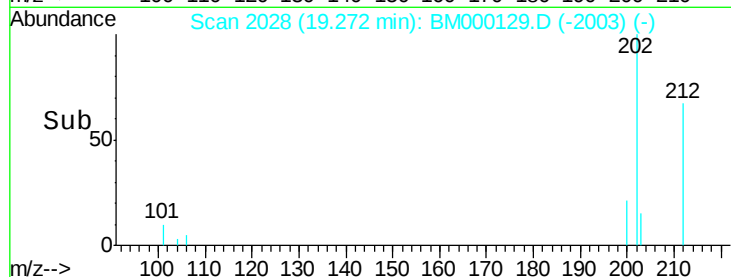
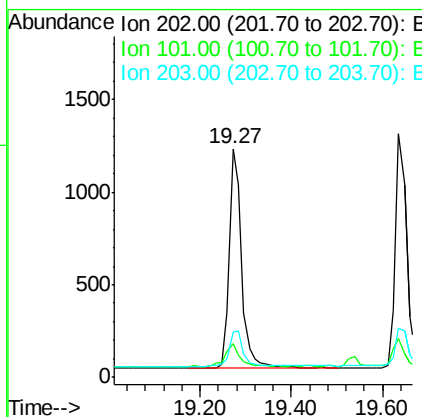
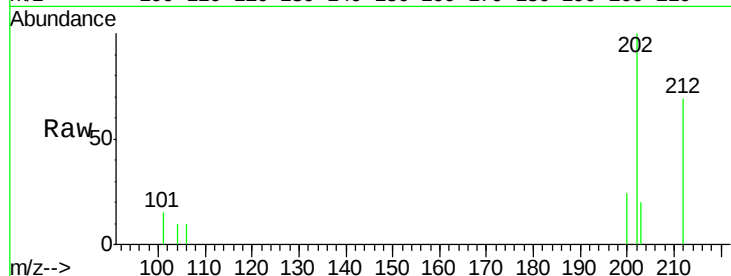
ClientSampleId :

MDL-03-W

Tot Ion:	202	Resp:	2252
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	30.5
203	19.7	0.0	36.6

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#17

Pyrene

Concen: 0.06 ng/ul

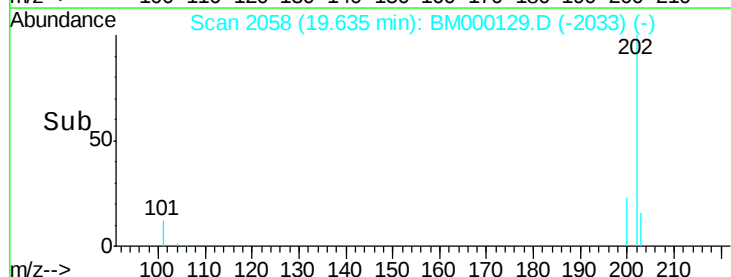
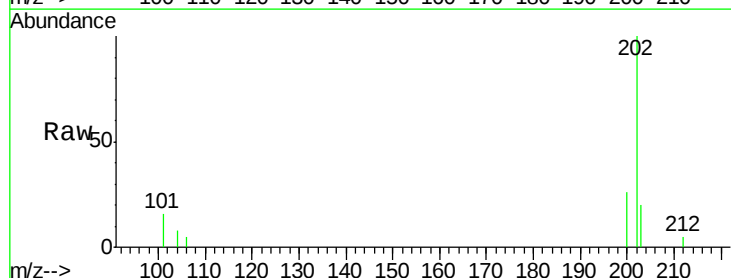
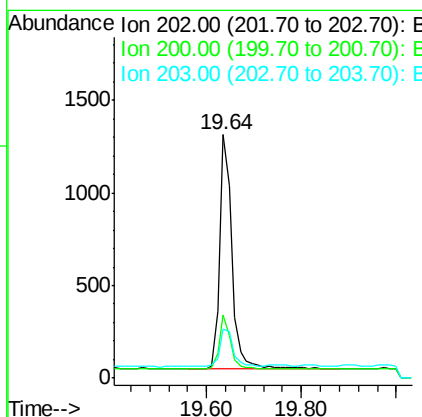
RT: 19.64 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Tgt Ion:	202	Resp:	2297
Ion Ratio	Lower	Upper	
202	100		
200	25.8	17.9	26.9
203	19.9	12.8	19.2#





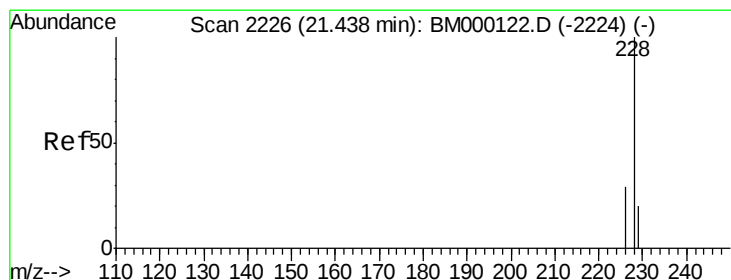
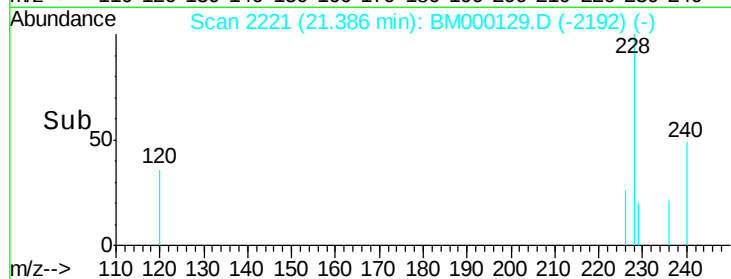
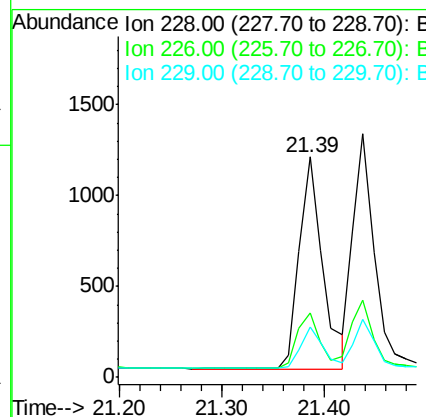
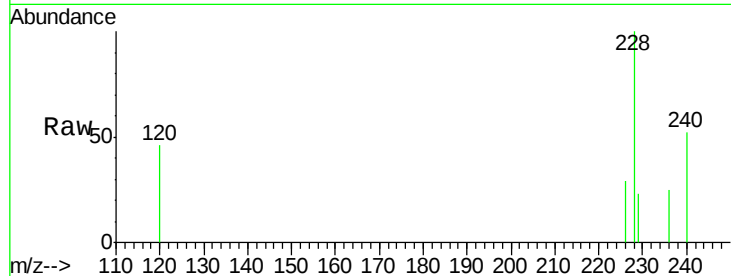
#18
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM000129.D
Acq: 07 Jan 2015 15:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	20.8	31.2
229	23.0	15.5	23.3

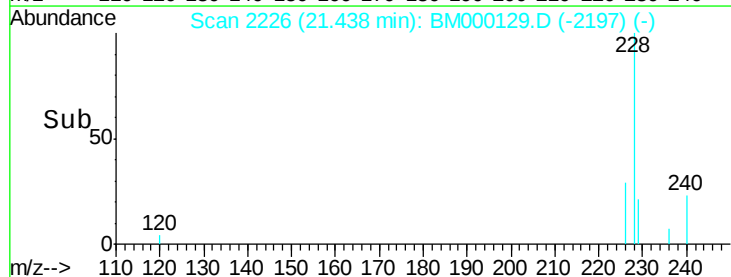
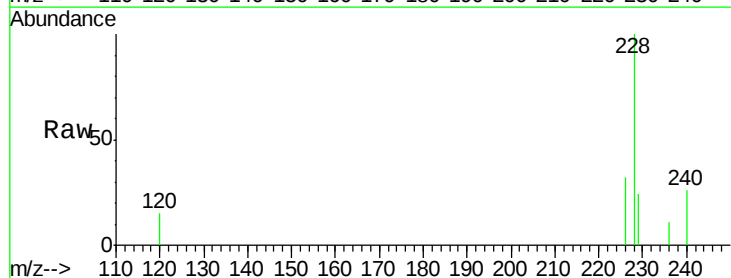
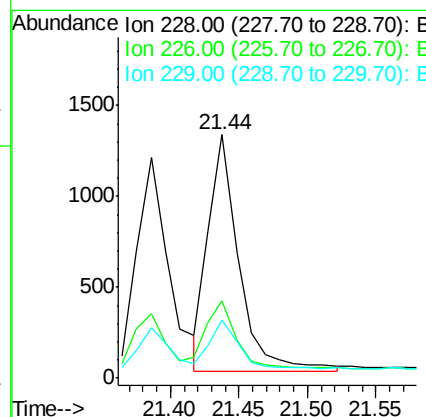
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#19
Chrysene
Concen: 0.06 ng/ul m
RT: 21.44 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BM000129.D
Acq: 07 Jan 2015 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	23.8	15.8	23.8#





#21

Benzo(b)fluoranthene

Concen: 0.05 ng/ul

RT: 23.05 min Scan# 2381

Delta R.T. 0.05 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Instrument :

BNA_M

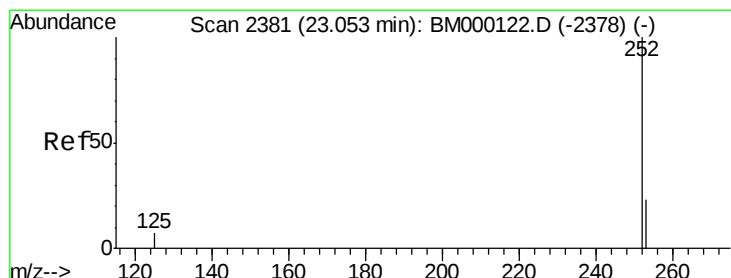
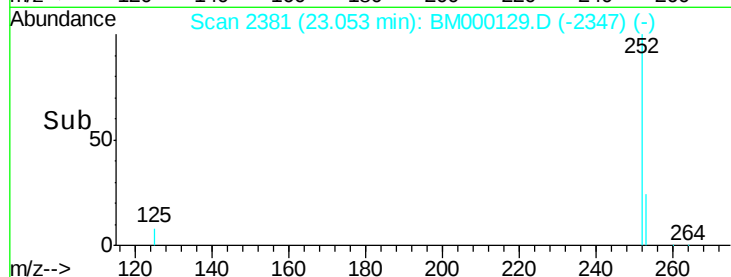
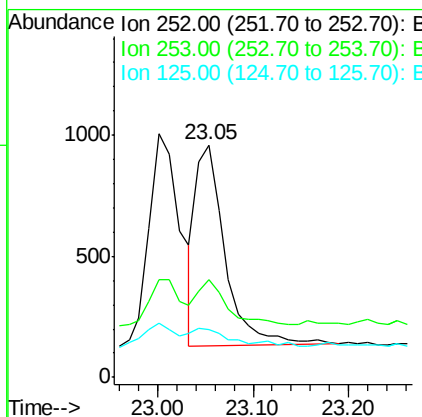
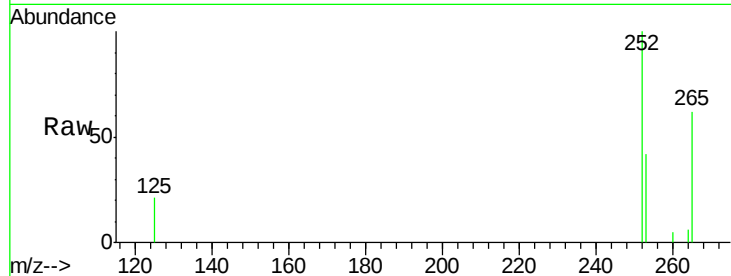
ClientSampleId :

MDL-03-W

Tot Ion:	252	Resp:	1775
Ion Ratio	Lower	Upper	
252	100		
253	41.9	0.0	48.2
125	20.9	0.0	21.6

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

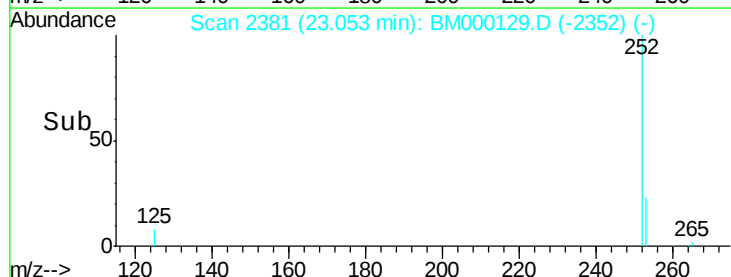
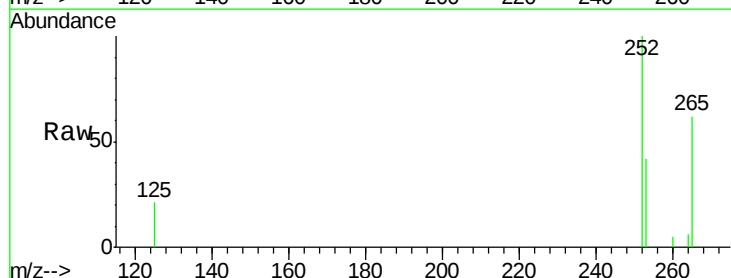
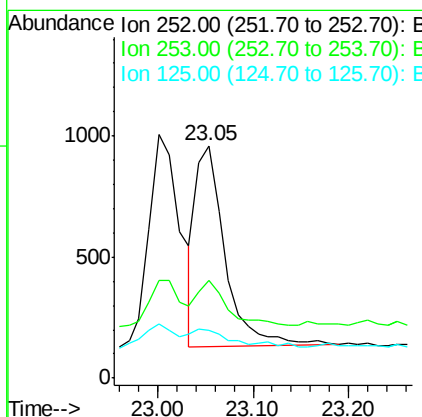
RT: 23.05 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16

Tgt Ion:	252	Resp:	1775
Ion Ratio	Lower	Upper	
252	100		
253	41.9	20.5	30.7#
125	20.9	7.8	11.8#





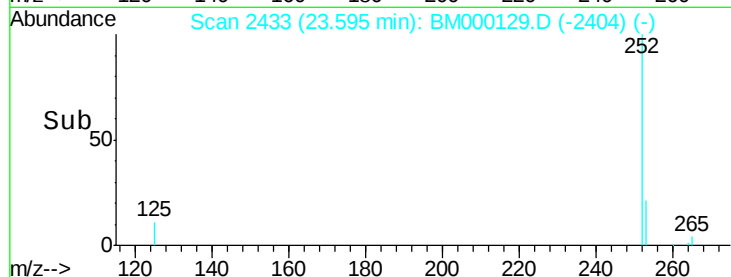
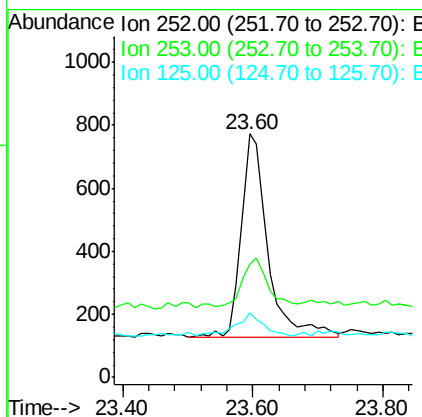
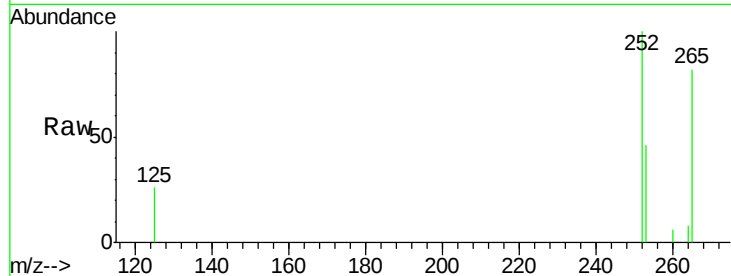
#23
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.60 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM000129.D
Acq: 07 Jan 2015 15:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.3	19.8	29.6#
125	26.3	9.2	13.8#

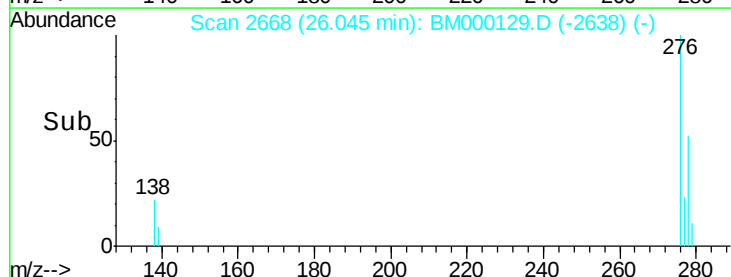
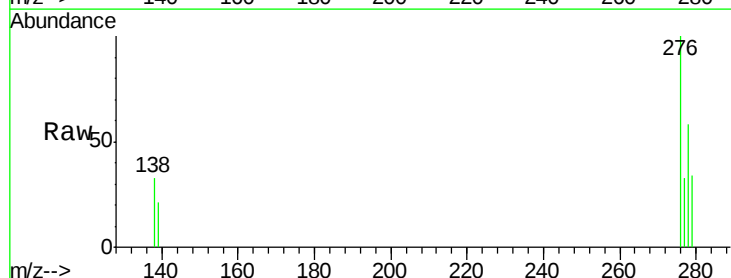
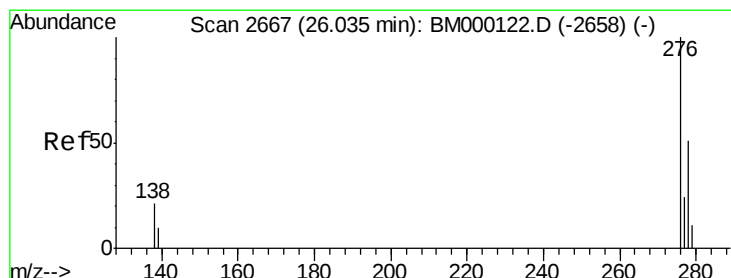
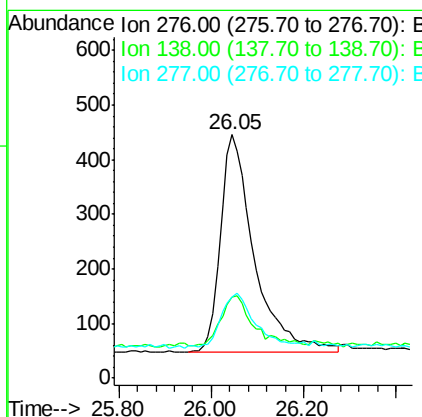
Manual Integrations
APPROVED

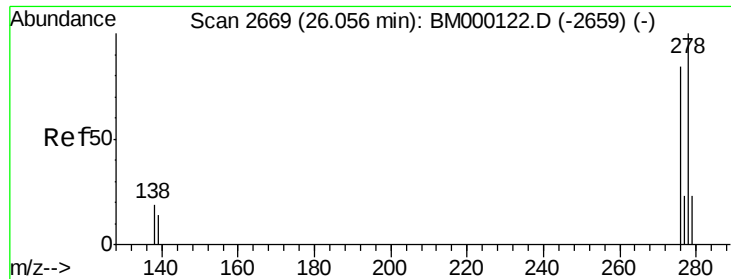
TEJASKUMAR
1/9/2015 5:44:47 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 26.05 min Scan# 2668
Delta R.T. 0.01 min
Lab File: BM000129.D
Acq: 07 Jan 2015 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.6	26.4
277	25.8	19.9	29.9





#25

Dibenzo(a,h)anthracene

Concen: 0.06 ng/ul

RT: 26.07 min Scan# 2670

Delta R.T. 0.01 min

Lab File: BM000129.D

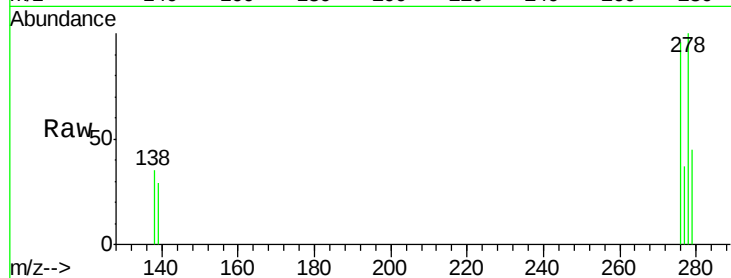
Acq: 07 Jan 2015 15:16

Instrument :

BNA_M

ClientSampled :

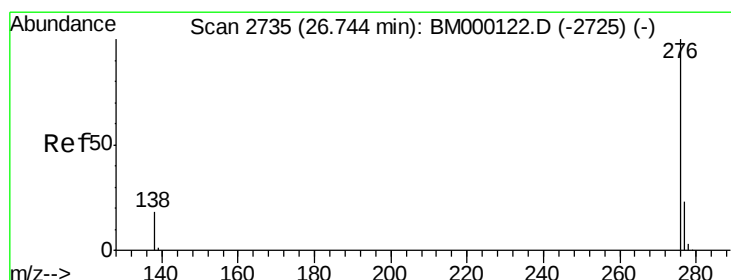
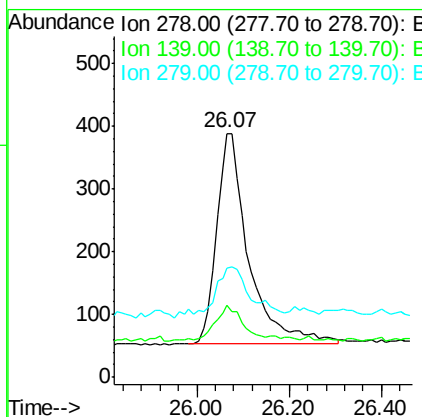
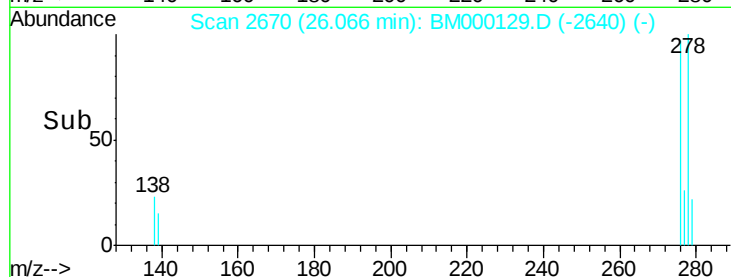
MDL-03-W



Tot Ion:	278	Resp:	1611
Ion Ratio	Lower	Upper	
278	100		
139	29.4	12.6	18.8#
279	44.8	20.6	30.8#

Manual Integrations
APPROVED

TEJASKUMAR
1/9/2015 5:44:47 PM



#26

Benzo(g,h,i)perylene

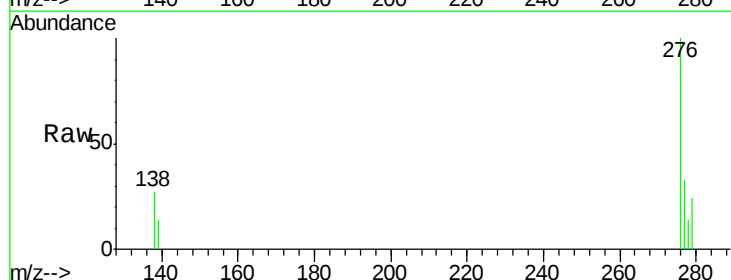
Concen: 0.06 ng/ul

RT: 26.75 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BM000129.D

Acq: 07 Jan 2015 15:16



Tgt Ion:	276	Resp:	1824
Ion Ratio	Lower	Upper	
276	100		
277	32.7	20.0	30.0#
138	27.2	15.7	23.5#

