

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082616\
 Data File : BM007302.D
 Acq On : 26 Aug 2016 19:41
 Operator : UM/SJ
 Sample : MDL-07-S
 Misc : MDL 0.07
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

Manual Integrations
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 8/29/2016 11:35:19 AM

Quant Time: Aug 27 00:11:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:46:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1149	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	4252	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.43	164	2682	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	7577	0.40	ng/ul	0.00
16) Chrysene-d12	21.36	240	8325	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	8285	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.19	152	1892	0.36	ng/ul	0.01
14) Fluoranthene-d10	19.21	212	6636	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.65	128	605	0.06	ng/ul#	57
5) 2-Methylnaphthalene	12.27	142	409	0.06	ng/ul	98
7) Acenaphthylene	14.14	152	649	0.04	ng/ul#	69
8) Acenaphthene	14.49	153	516	0.06	ng/ul#	79
9) Fluorene	15.50	166	622	0.06	ng/ul#	79
11) Pentachlorophenol	16.85	266	74	0.04	ng/ul#	86
12) Phenanthrene	17.21	178	1243	0.06	ng/ul#	81
13) Anthracene	17.31	178	980	0.05	ng/ul#	76
15) Fluoranthene	19.23	202	1708	0.07	ng/ul	87
17) Pyrene	19.60	202	1713	0.06	ng/ul#	92
18) Benzo(a)anthracene	21.35	228	1376	0.05	ng/ul#	90
19) Chrysene	21.39	228	1718m	0.07	ng/ul	
21) Benzo(b)fluoranthene	22.94	252	1616	0.05	ng/ul	81
22) Benzo(k)fluoranthene	22.99	252	1650	0.07	ng/ul#	78
23) Benzo(a)pyrene	23.53	252	1574	0.06	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.94	276	1687	0.05	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.95	278	1278	0.05	ng/ul#	73
26) Benzo(g,h,i)perylene	26.62	276	1562	0.06	ng/ul#	85

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

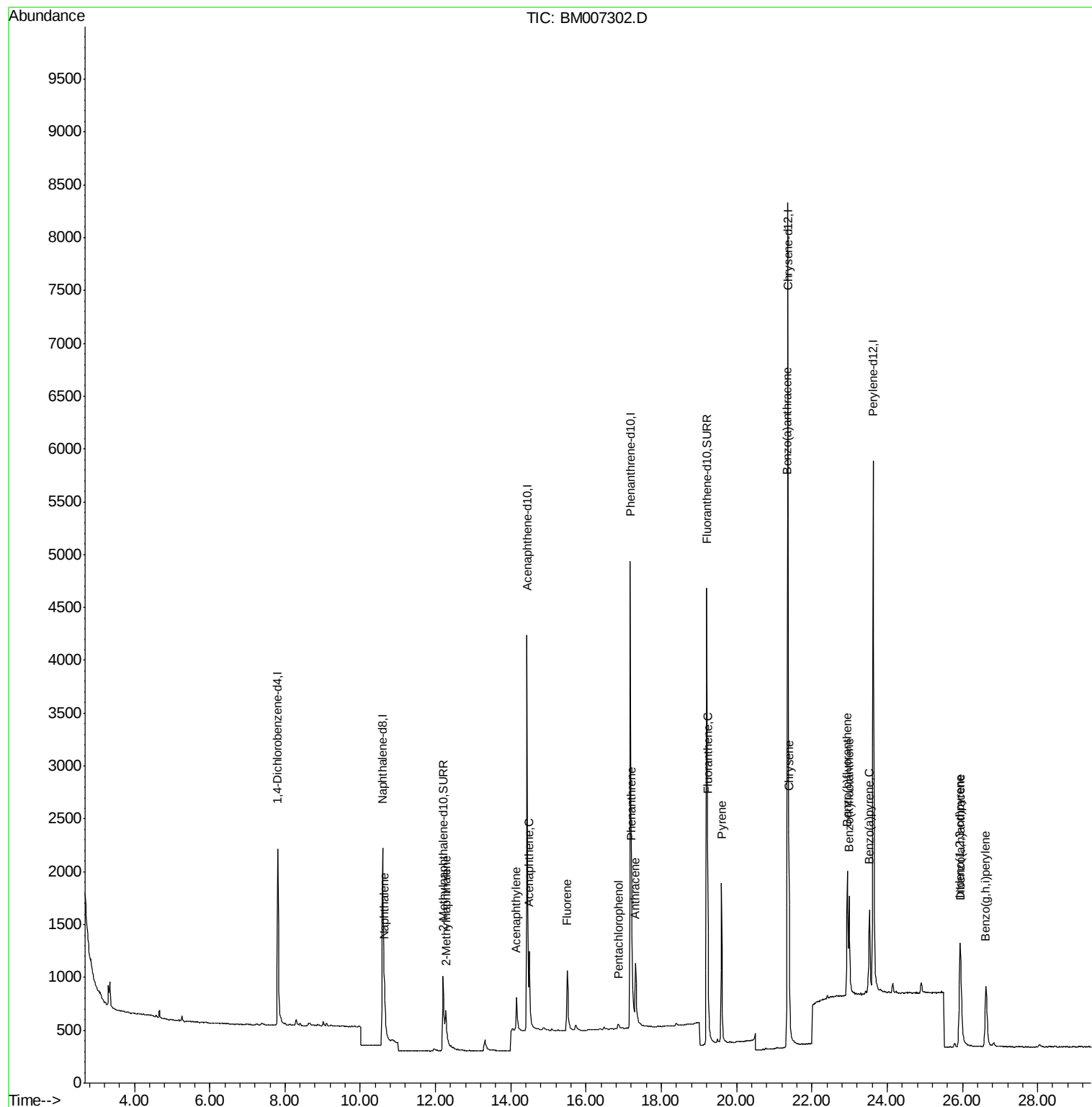
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082616\
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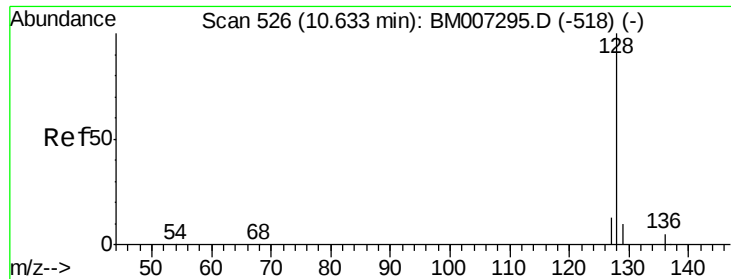
Instrument :
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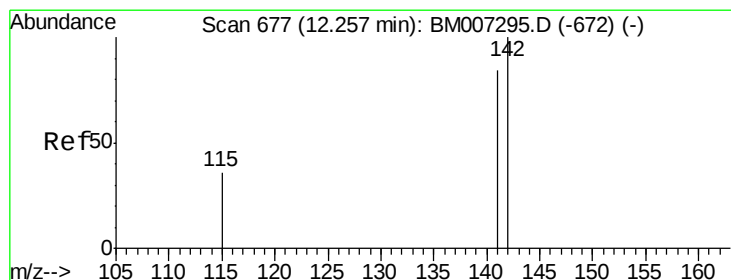
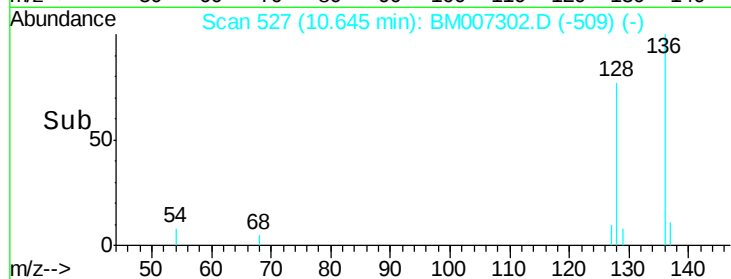
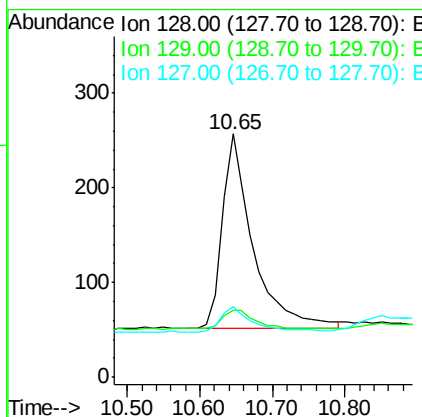
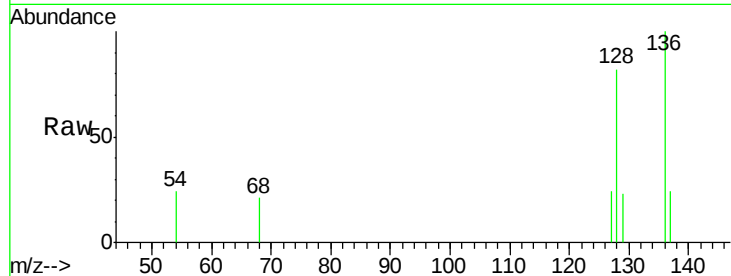
#3
Naphthalene
Concen: 0.06 ng/ul
RT: 10.65 min Scan# 527
Delta R.T. 0.01 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	605		
129	27.6		9.0	13.6#
127	29.2		9.6	14.4#

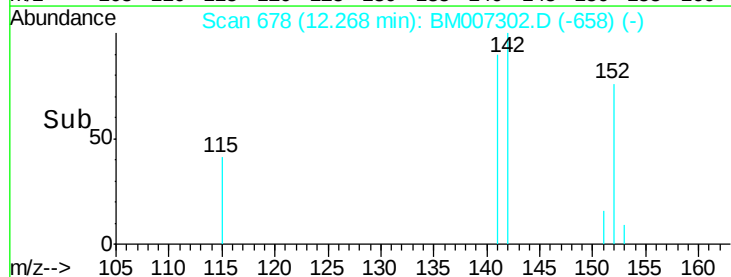
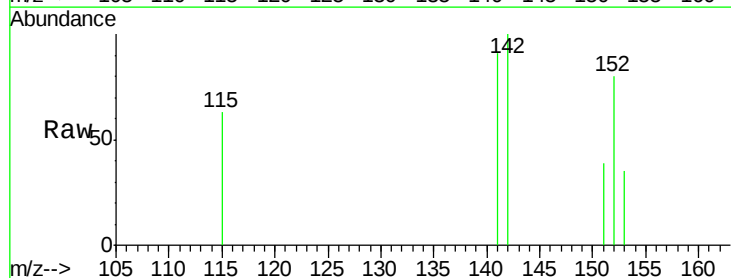
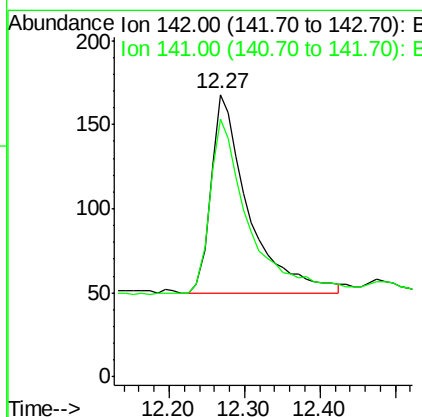
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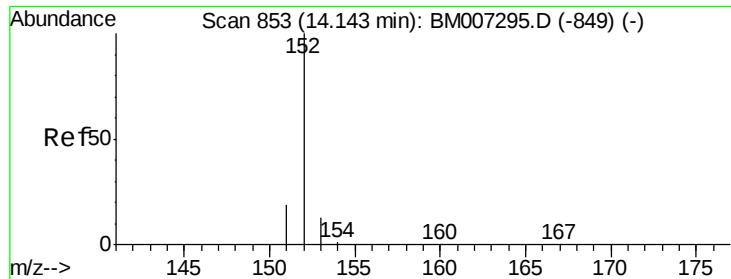
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#5
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.27 min Scan# 678
Delta R.T. 0.01 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	409		
141	89.7		70.3	105.5





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM007302.D

Acq: 26 Aug 2016 19:41

Instrument :

BNA_M

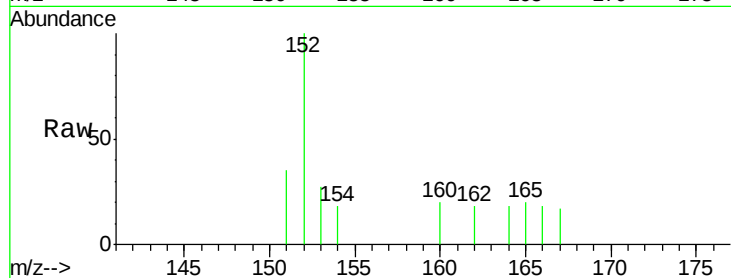
ClientSampleId :

MDL-07-S

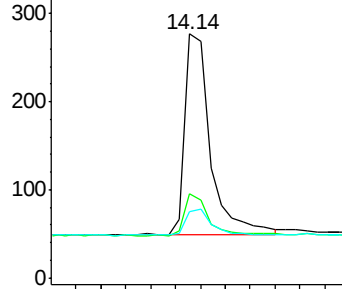
Tgt Ion:	152	Resp:	649
Ion Ratio	Lower	Upper	
152	100		
151	34.7	17.6	26.4#
153	27.1	9.7	14.5#

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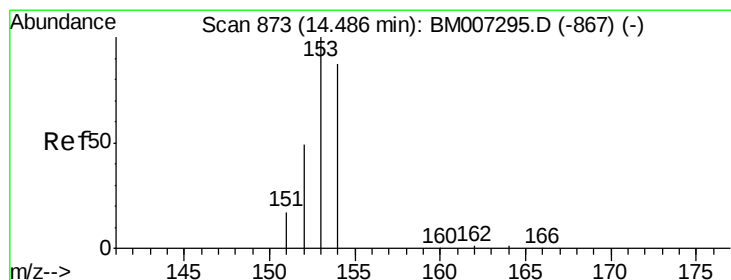
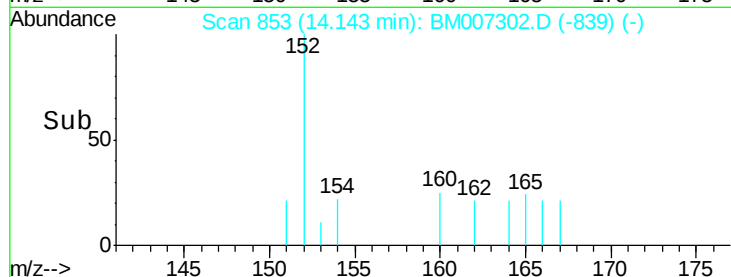
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.06 ng/ul

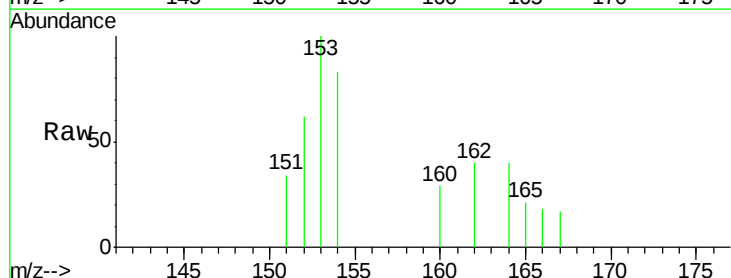
RT: 14.49 min Scan# 873

Delta R.T. -0.00 min

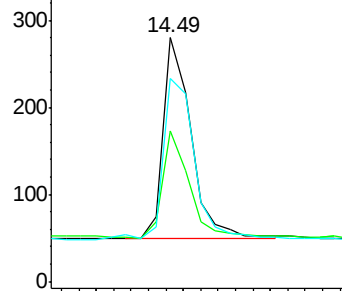
Lab File: BM007302.D

Acq: 26 Aug 2016 19:41

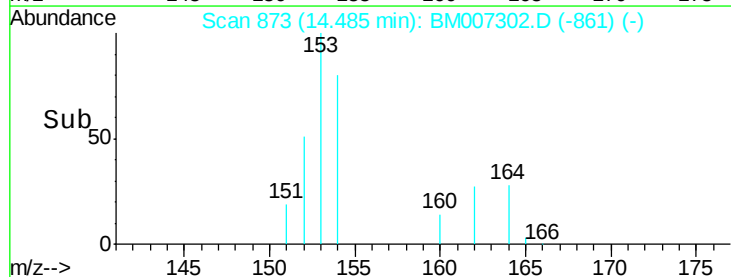
Tgt Ion:	153	Resp:	516
Ion Ratio	Lower	Upper	
153	100		
152	61.8	33.9	50.9#
154	83.2	80.6	121.0

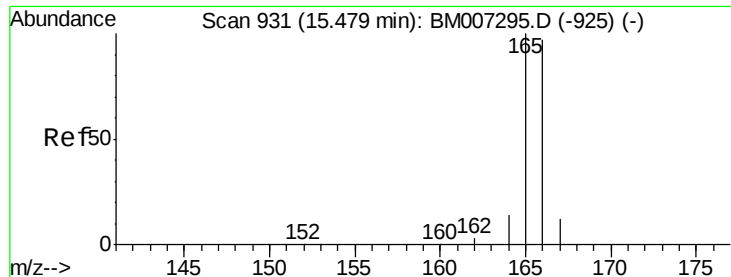


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.50 min Scan# 932

Delta R.T. 0.02 min

Lab File: BM007302.D

Acq: 26 Aug 2016 19:41

Instrument :

BNA_M

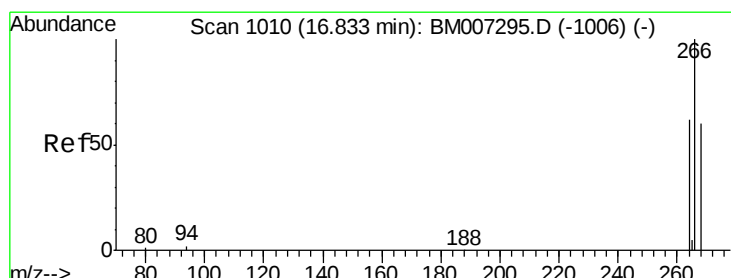
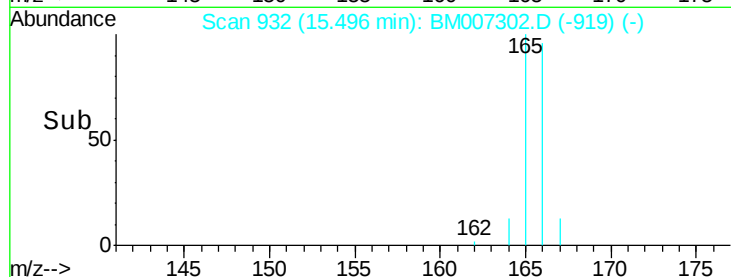
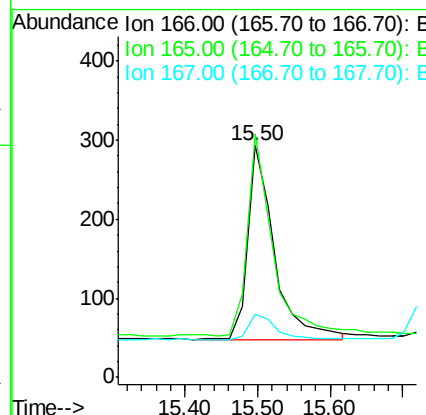
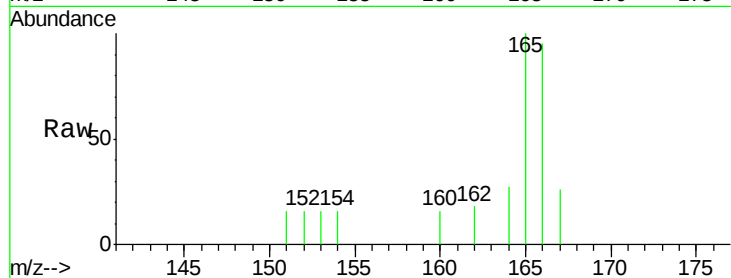
ClientSampleId :

MDL-07-S

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.1	69.6	104.4#
167	27.3	11.9	17.9#

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#11

Pentachlorophenol

Concen: 0.04 ng/ul

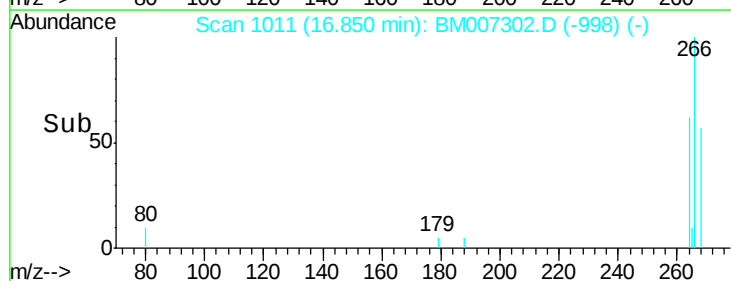
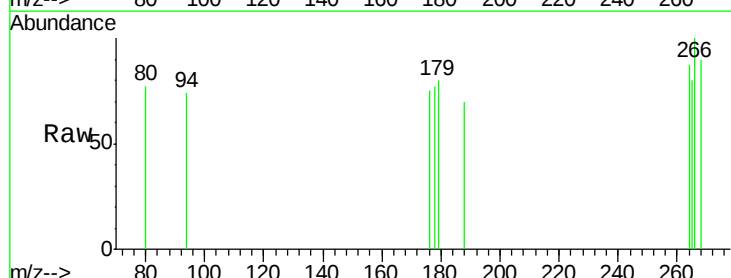
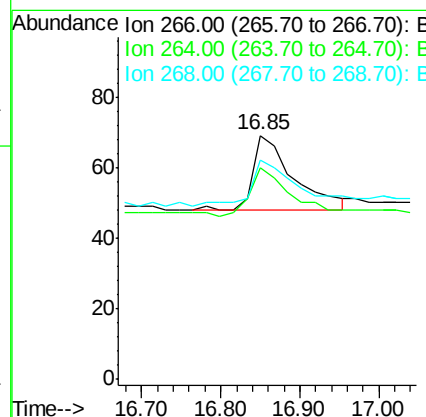
RT: 16.85 min Scan# 1011

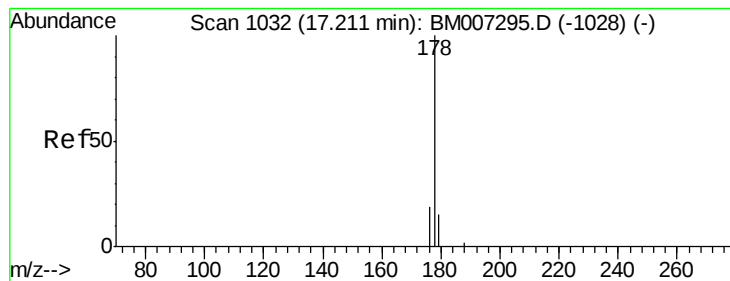
Delta R.T. 0.02 min

Lab File: BM007302.D

Acq: 26 Aug 2016 19:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.9	51.8	77.8
268	75.7	46.8	70.2#





#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM007302.D

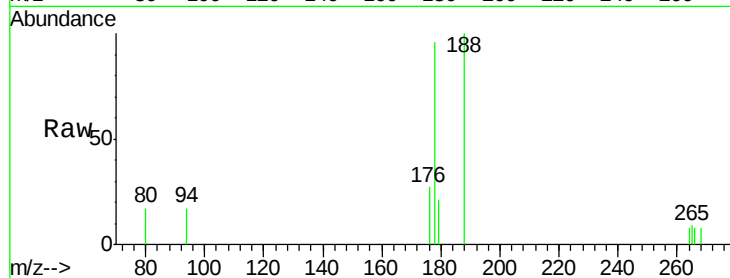
Acq: 26 Aug 2016 19:41

Instrument :

BNA_M

ClientSampleId :

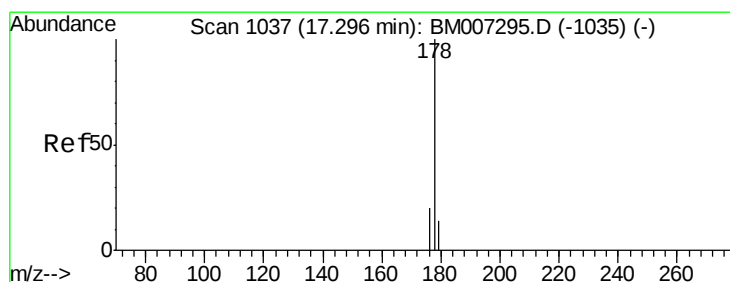
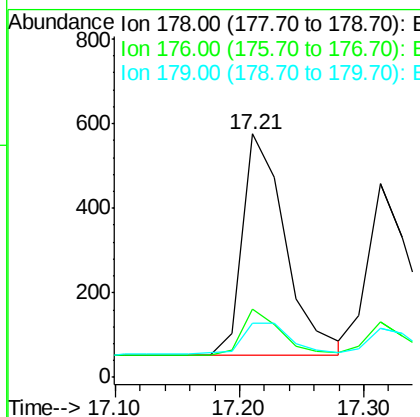
MDL-07-S



Tgt Ion:	178	Resp:	1243
Ion Ratio	Lower	Upper	
178	100		
176	28.3	13.0	19.4#
179	22.2	14.2	21.2#

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#13

Anthracene

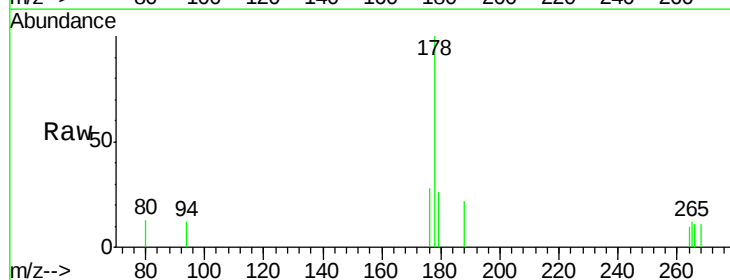
Concen: 0.05 ng/ul

RT: 17.31 min Scan# 1038

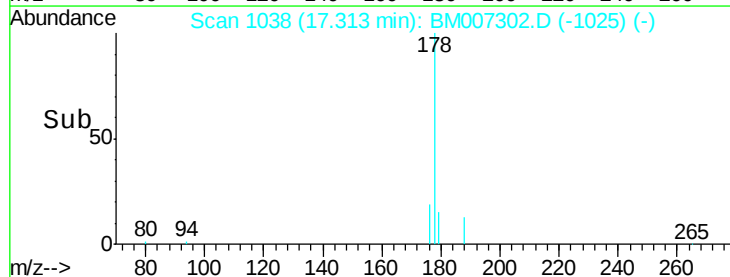
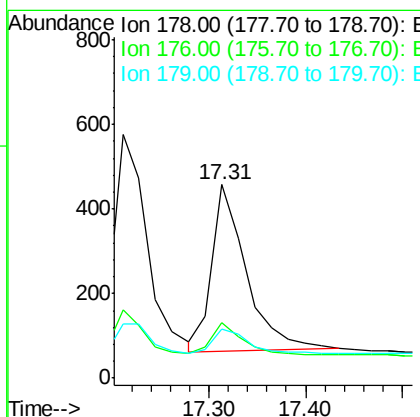
Delta R.T. 0.02 min

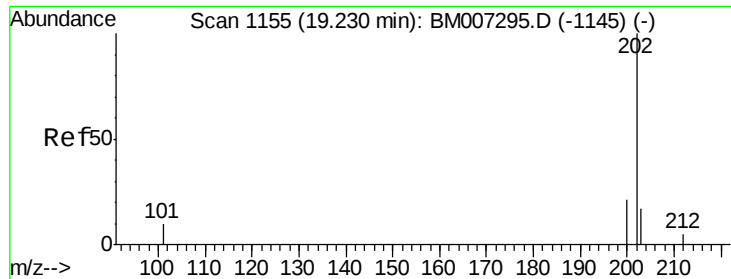
Lab File: BM007302.D

Acq: 26 Aug 2016 19:41



Tgt Ion:	178	Resp:	980
Ion Ratio	Lower	Upper	
178	100		
176	28.4	14.0	21.0#
179	25.5	12.9	19.3#





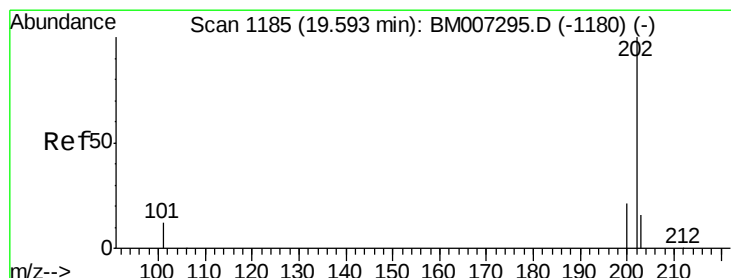
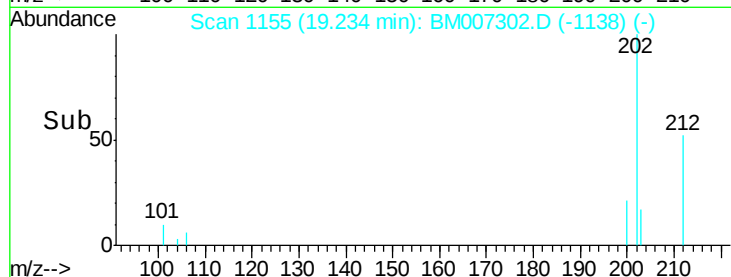
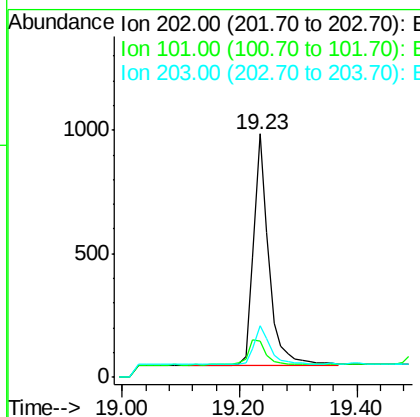
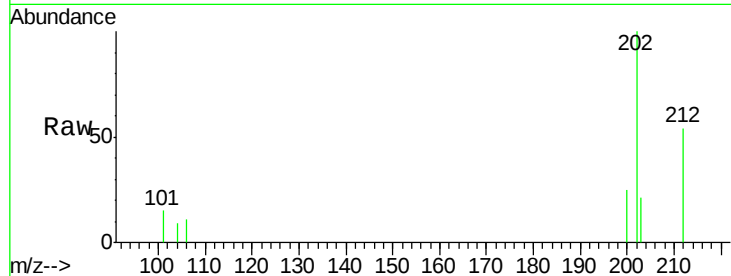
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Fluoranthene
 Concen: 0.07 ng/ul
 RT: 19.23 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BM007302.D
 Acq: 26 Aug 2016 19:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1708		
101	14.7		0.0	29.6
203	21.3		0.0	36.3

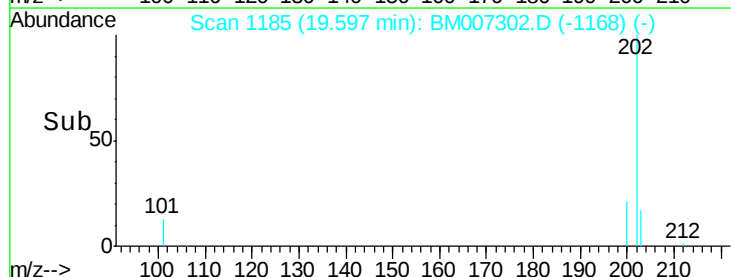
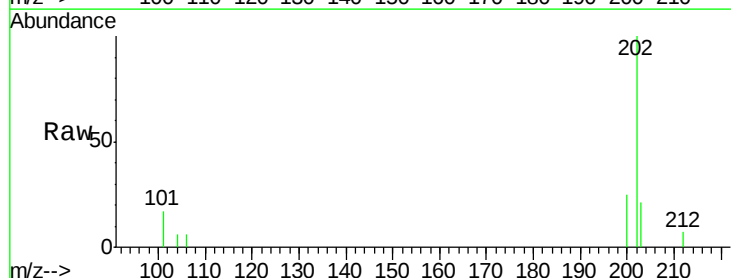
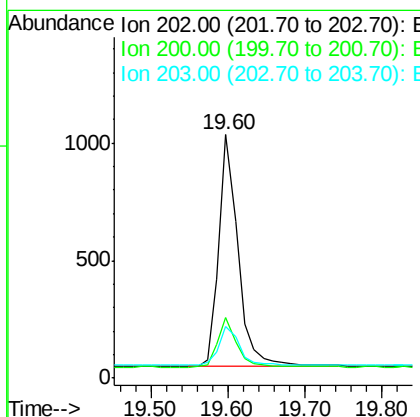
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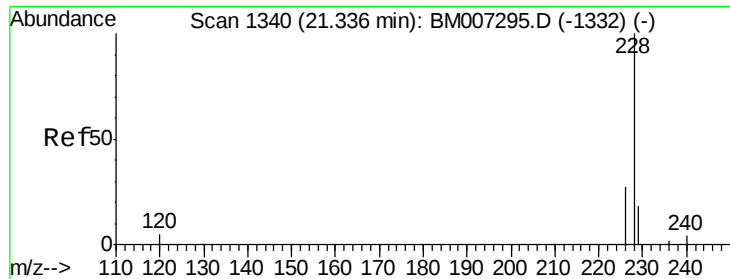
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#17
Pyrene
 Concen: 0.06 ng/ul
 RT: 19.60 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BM007302.D
 Acq: 26 Aug 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1713		
200	24.8		17.8	26.8
203	21.2		12.8	19.2#





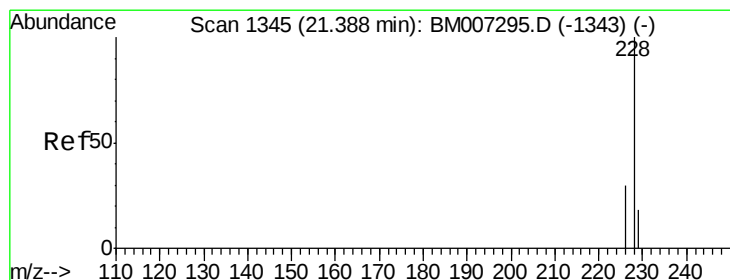
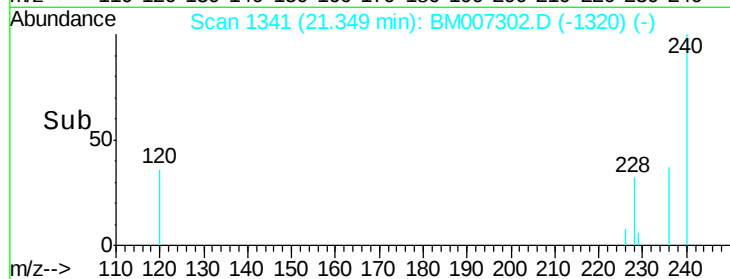
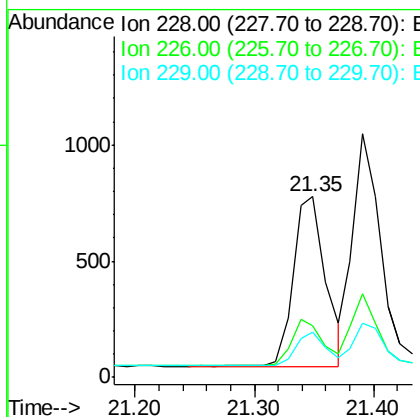
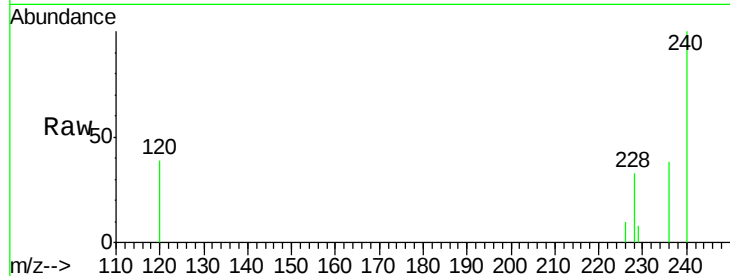
#18
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.35 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Instrument :
BNA_M
ClientSampled :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	18.8	28.2#
229	25.2	17.1	25.7

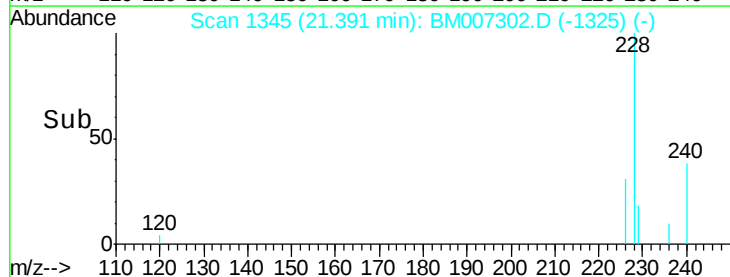
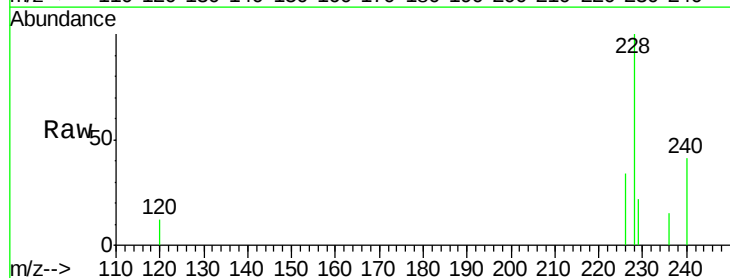
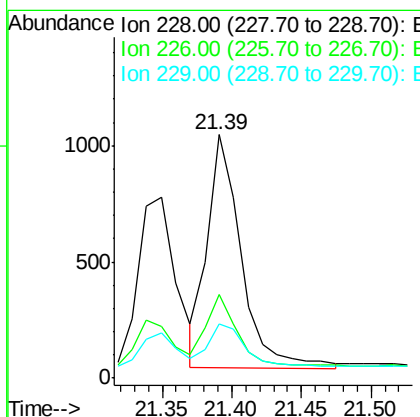
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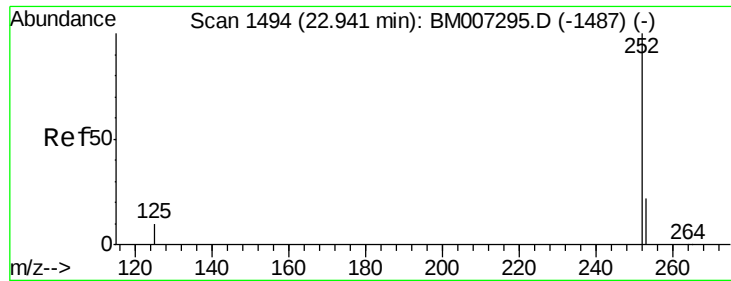
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#19
Chrysene
Concen: 0.07 ng/ul m
RT: 21.39 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	21.2	31.8#
229	22.3	17.0	25.6





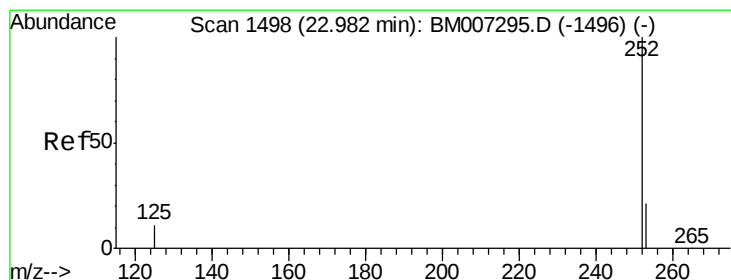
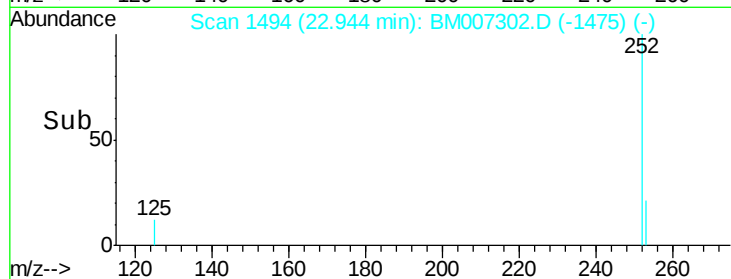
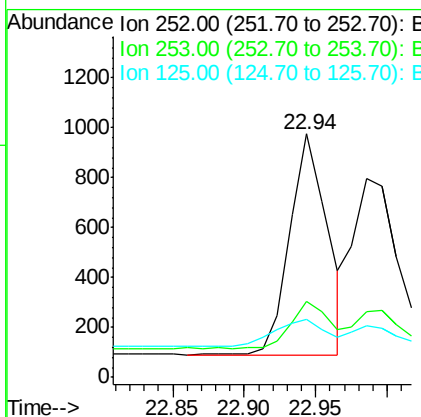
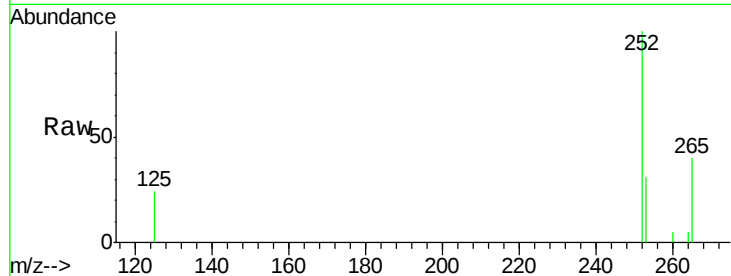
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Benzo(b)fluoranthene
Concen: 0.05 ng/u1
RT: 22.94 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1616		
253	31.1	0.0	45.4	
125	23.7	0.0	28.8	

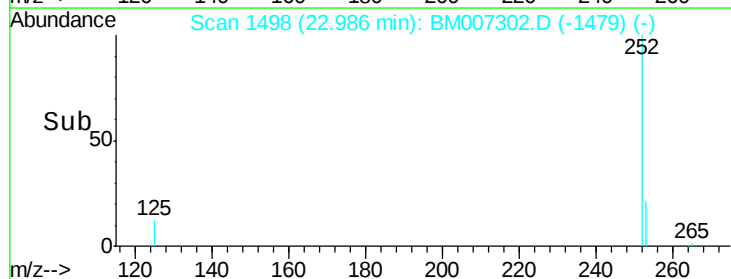
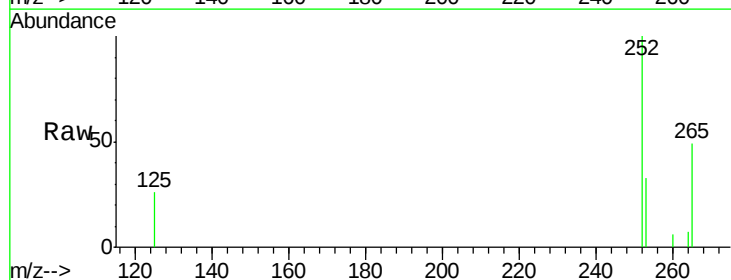
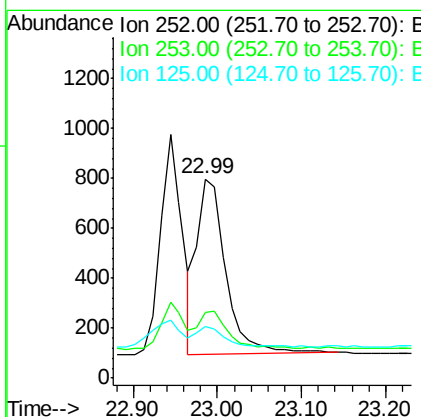
Manual Integrations
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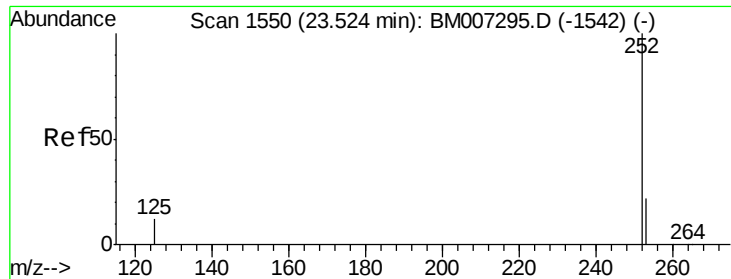
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8/29/2016 11:35:19 AM



#22
Benzo(k)fluoranthene
Concen: 0.07 ng/u1
RT: 22.99 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1650		
253	33.3	19.8	29.8#	
125	26.0	10.4	15.6#	





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.53 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BM007302.D

Acq: 26 Aug 2016 19:41

Instrument :

BNA_M

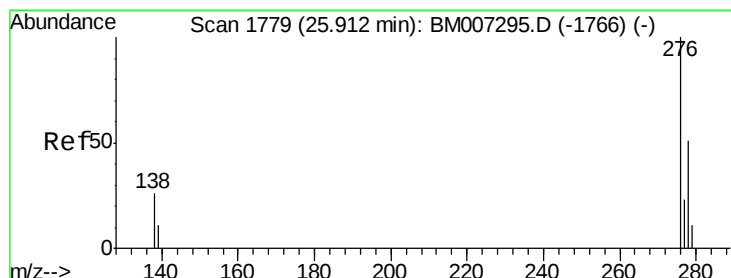
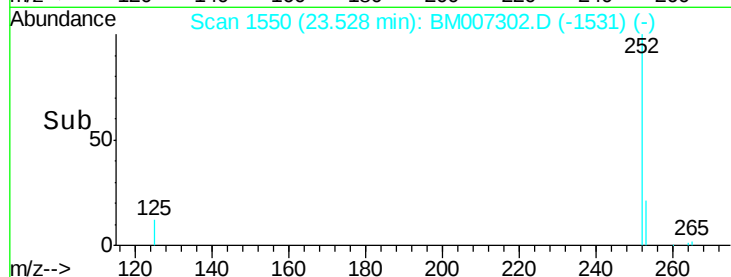
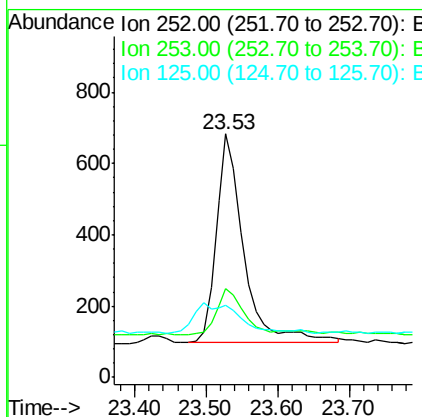
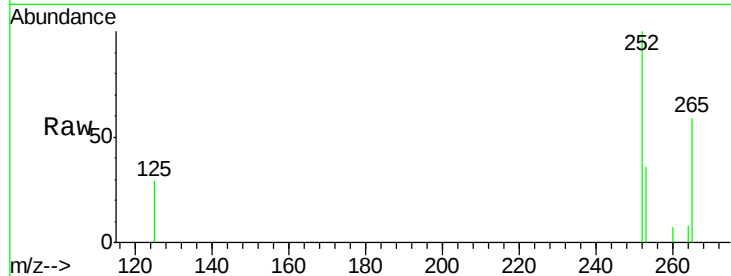
ClientSampleId :

MDL-07-S

Tgt Ion:	252	Resp:	1574
Ion Ratio	Lower	Upper	
252	100		
253	36.3	19.4	29.2#
125	29.4	12.7	19.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng/ul

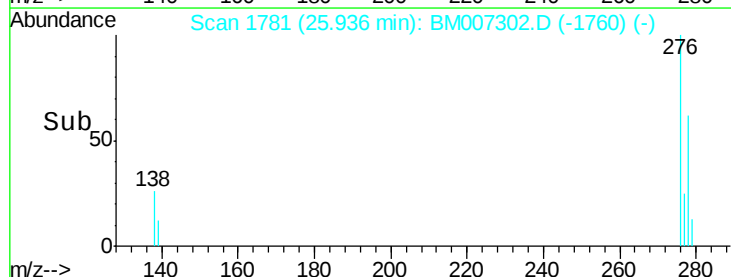
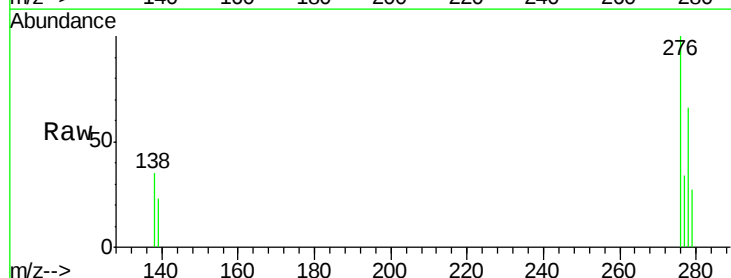
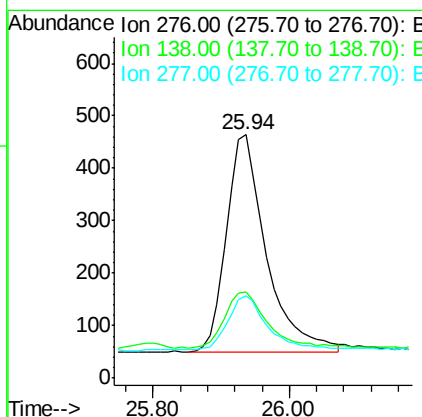
RT: 25.94 min Scan# 1781

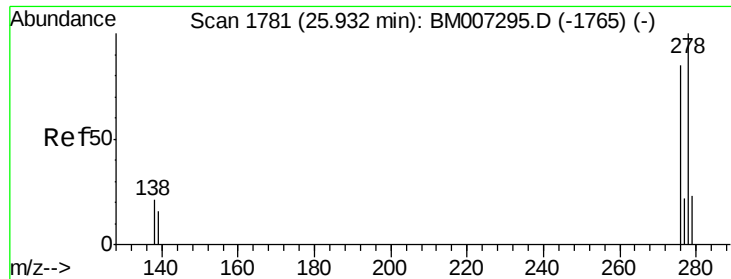
Delta R.T. 0.02 min

Lab File: BM007302.D

Acq: 26 Aug 2016 19:41

Tgt Ion:	276	Resp:	1687
Ion Ratio	Lower	Upper	
276	100		
138	27.6	16.3	24.5#
277	24.2	19.8	29.8





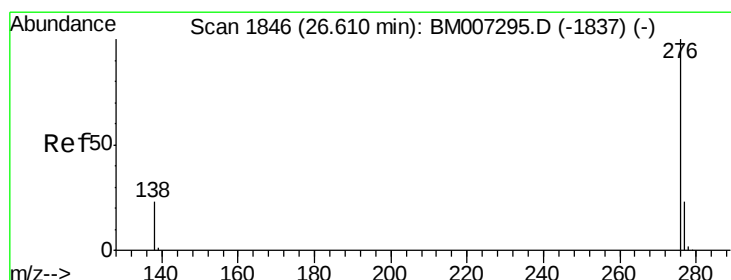
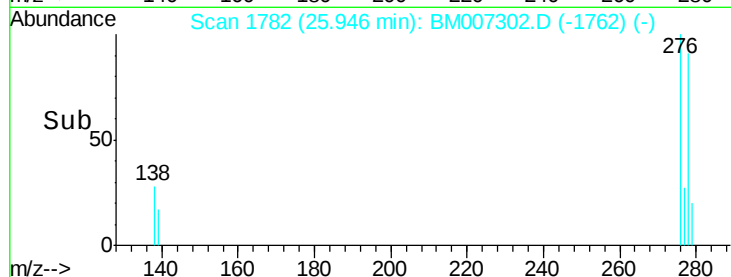
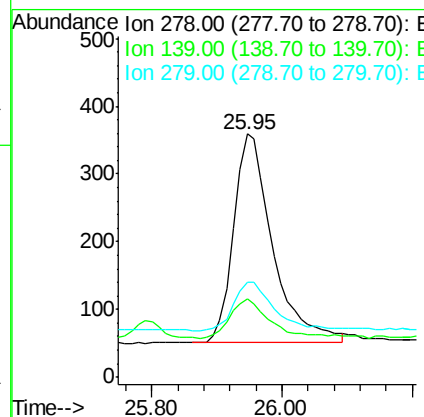
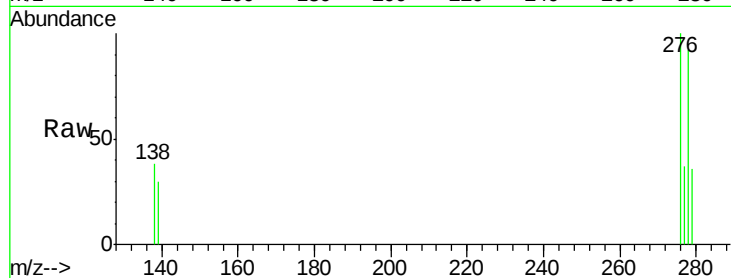
#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 25.95 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.3	16.4	24.6#
279	39.0	20.2	30.2#

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#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.62 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BM007302.D
Acq: 26 Aug 2016 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.4	18.9	28.3#
138	35.0	22.5	33.7#

