

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082616\
 Data File : BM007298.D
 Acq On : 26 Aug 2016 17:17
 Operator : UM/SJ
 Sample : MDL-03-S
 Misc : MDL 0.07
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S

Manual Integrations
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Quant Time: Aug 27 00:07:57 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	7.80	152	1350	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	4990	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.43	164	3089	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	8594	0.40	ng/ul	0.00
16) Chrysene-d12	21.36	240	9829	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	10669	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.19	152	1669	0.27	ng/ul	0.01
14) Fluoranthene-d10	19.21	212	5657	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.65	128	535	0.04	ng/ul#	53
5) 2-Methylnaphthalene	12.27	142	350	0.04	ng/ul	96
7) Acenaphthylene	14.14	152	559	0.03	ng/ul#	65
8) Acenaphthene	14.49	153	438	0.04	ng/ul#	80
9) Fluorene	15.50	166	521	0.04	ng/ul#	82
11) Pentachlorophenol	16.85	266	66	0.03	ng/ul#	91
12) Phenanthrene	17.21	178	1072	0.04	ng/ul#	79
13) Anthracene	17.31	178	831	0.04	ng/ul#	74
15) Fluoranthene	19.24	202	1440	0.05	ng/ul	83
17) Pyrene	19.60	202	1472	0.05	ng/ul#	90
18) Benzo(a)anthracene	21.35	228	1219	0.04	ng/ul#	89
19) Chrysene	21.39	228	1583m	0.05	ng/ul	
21) Benzo(b)fluoranthene	22.94	252	1740	0.04	ng/ul	79
22) Benzo(k)fluoranthene	22.99	252	1366	0.04	ng/ul#	76
23) Benzo(a)pyrene	23.52	252	1495	0.04	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.93	276	1729	0.04	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.94	278	1307	0.04	ng/ul#	72
26) Benzo(g,h,i)perylene	26.62	276	1546	0.04	ng/ul#	86

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

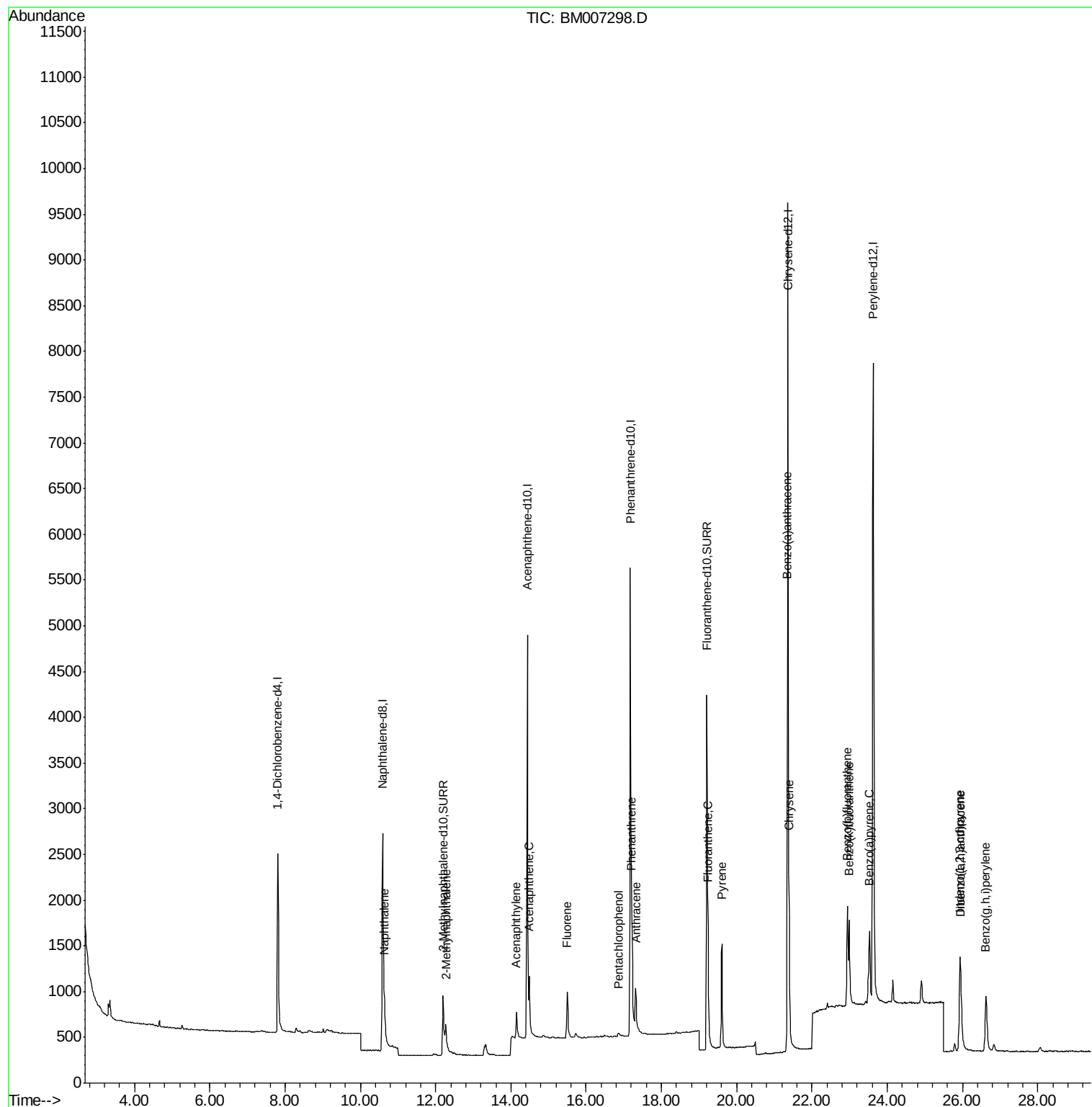
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082616\
Data File : BM007298.D
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ALS Vial : 5 Sample Multiplier: 1

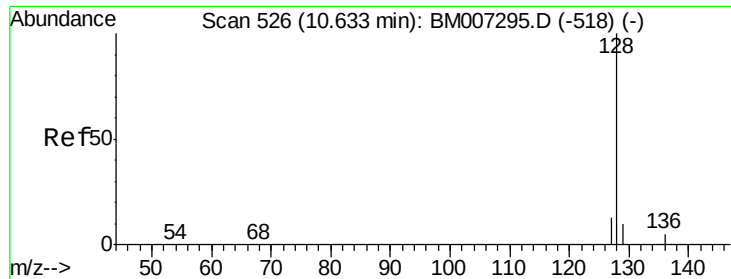
Instrument :
BNA_M
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MDL-03-S

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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





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM007298.D

Acq: 26 Aug 2016 17:17

Instrument :

BNA_M

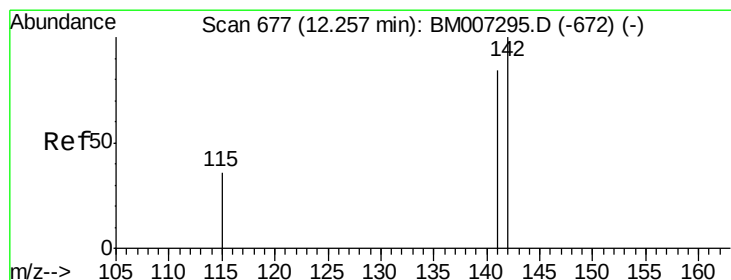
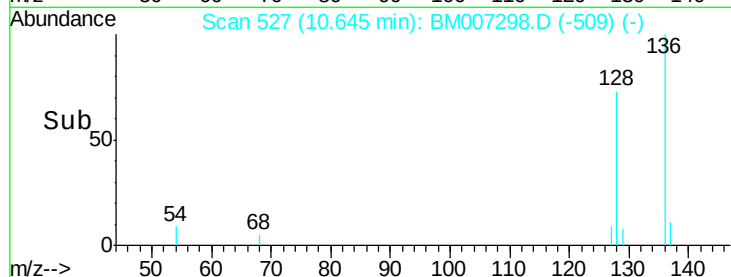
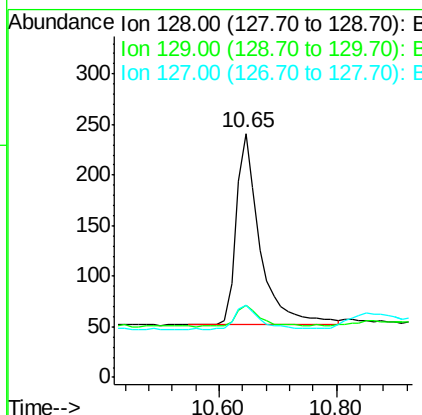
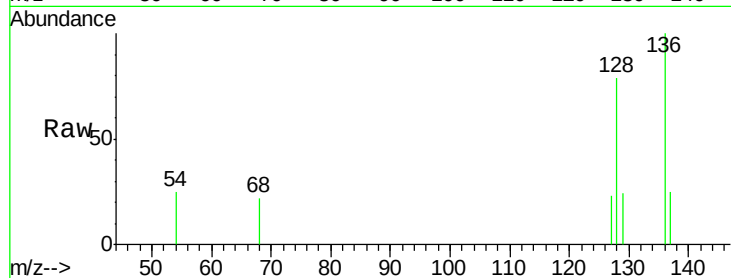
ClientSampleId :

MDL-03-S

Tgt Ion:	128	Resp:	535
Ion Ratio	Lower	Upper	
128	100		
129	29.9	9.0	13.6#
127	29.5	9.6	14.4#

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#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

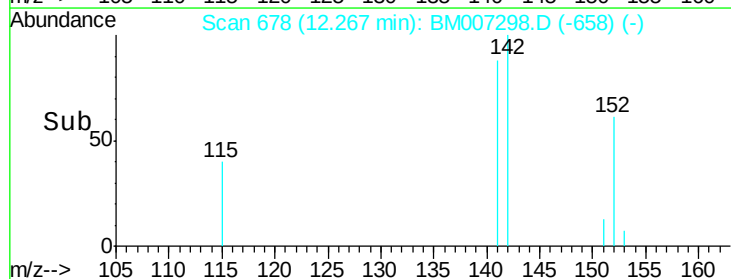
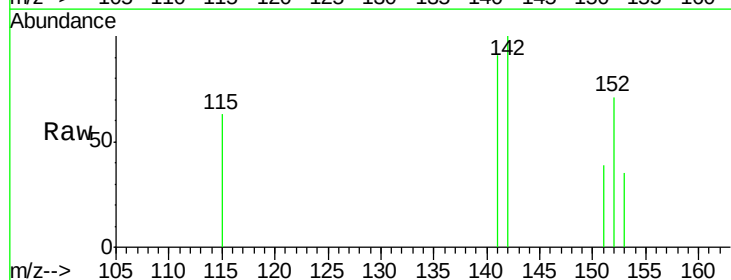
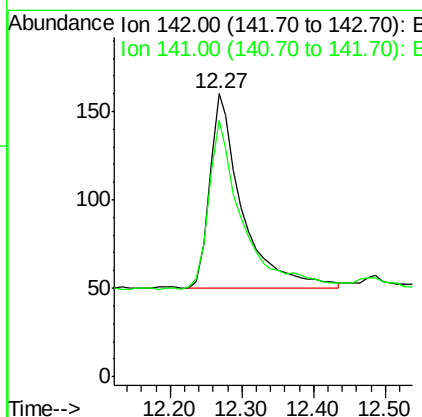
RT: 12.27 min Scan# 678

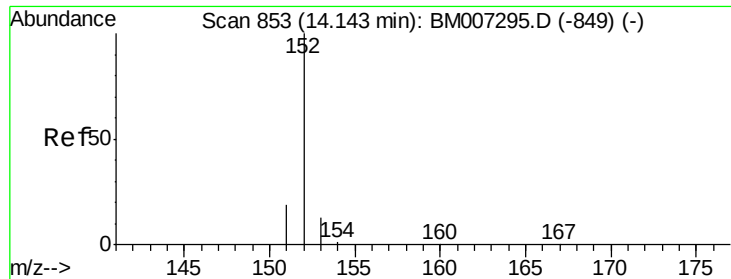
Delta R.T. 0.01 min

Lab File: BM007298.D

Acq: 26 Aug 2016 17:17

Tgt Ion:	142	Resp:	350
Ion Ratio	Lower	Upper	
142	100		
141	91.4	70.3	105.5





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM007298.D

Acq: 26 Aug 2016 17:17

Instrument :

BNA_M

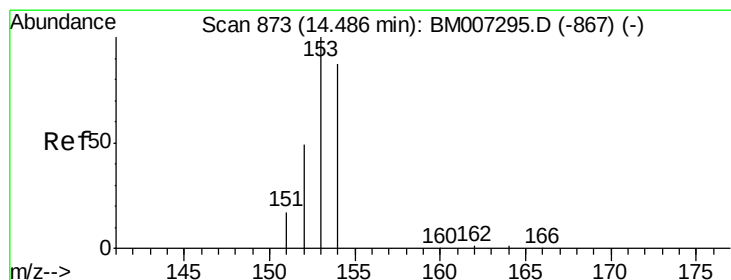
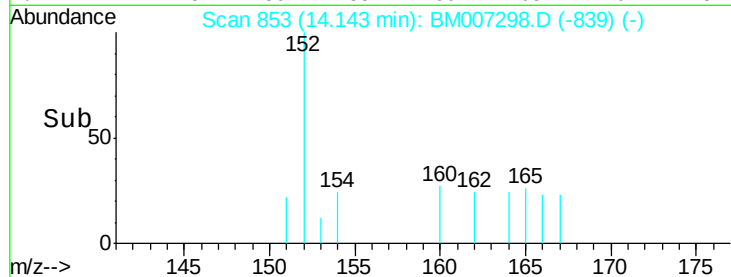
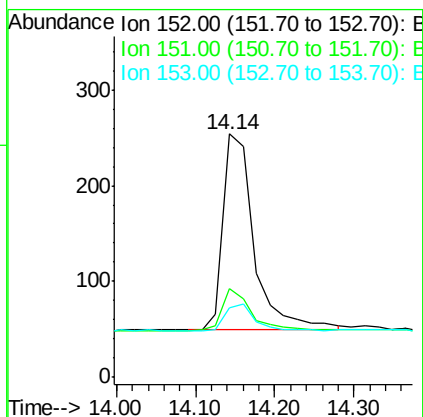
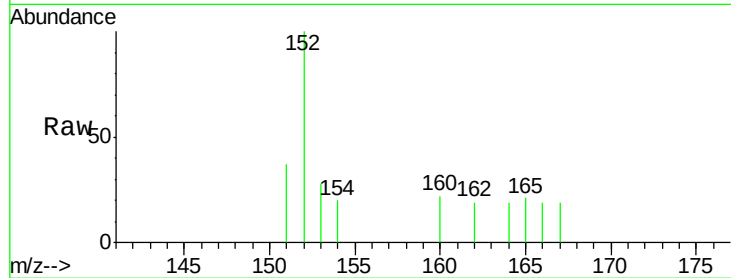
ClientSampleId :

MDL-03-S

Tgt Ion:	152	Resp:	559
Ion Ratio	Lower	Upper	
152	100		
151	36.6	17.6	26.4#
153	28.3	9.7	14.5#

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#8

Acenaphthene

Concen: 0.04 ng/ul

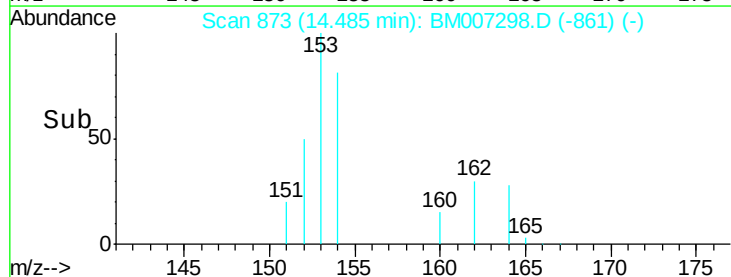
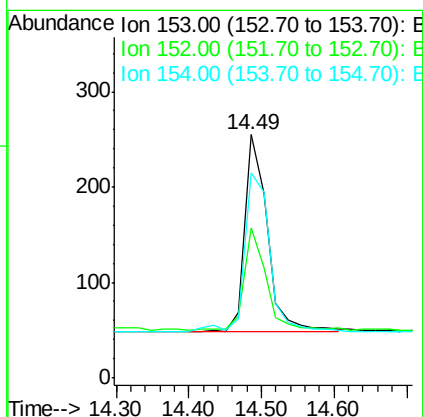
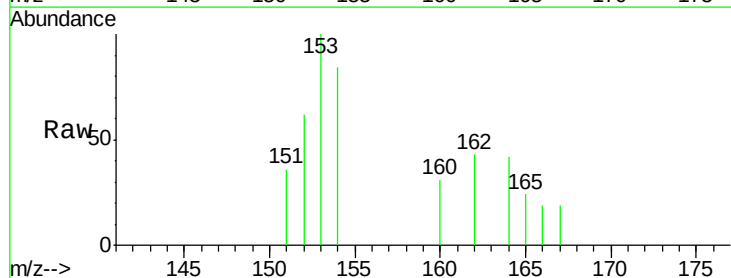
RT: 14.49 min Scan# 873

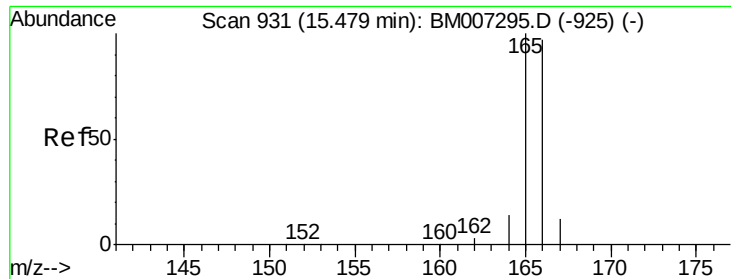
Delta R.T. -0.00 min

Lab File: BM007298.D

Acq: 26 Aug 2016 17:17

Tgt Ion:	153	Resp:	438
Ion Ratio	Lower	Upper	
153	100		
152	61.6	33.9	50.9#
154	84.3	80.6	121.0





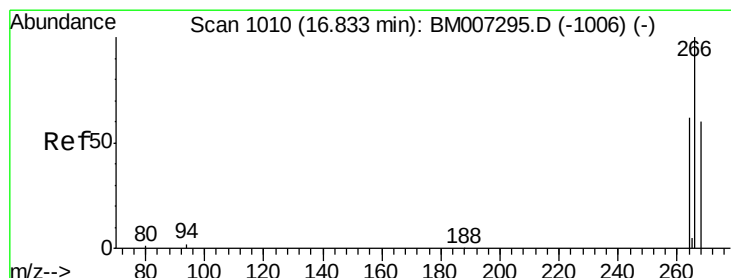
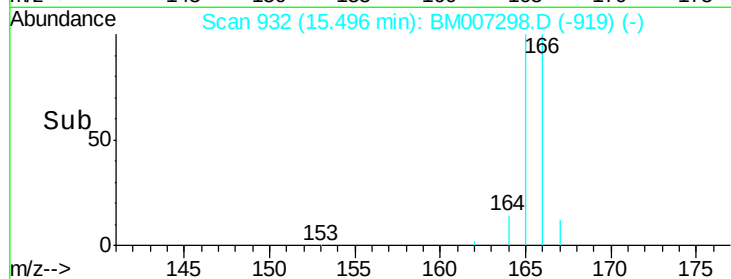
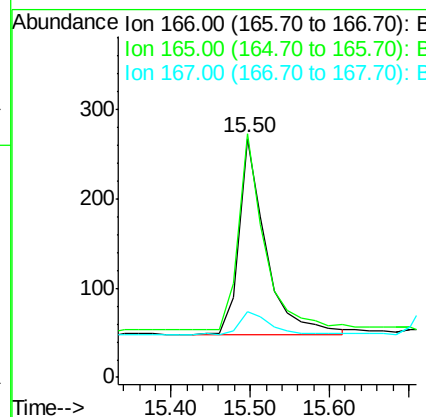
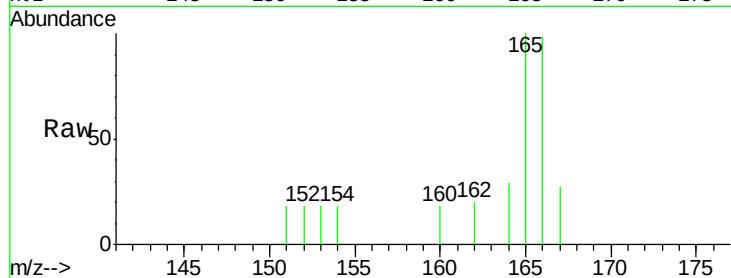
#9
Fluorene
Concen: 0.04 ng/ul
RT: 15.50 min Scan# 932
Delta R.T. 0.02 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	521		
165	101.9		69.6	104.4
167	27.6		11.9	17.9

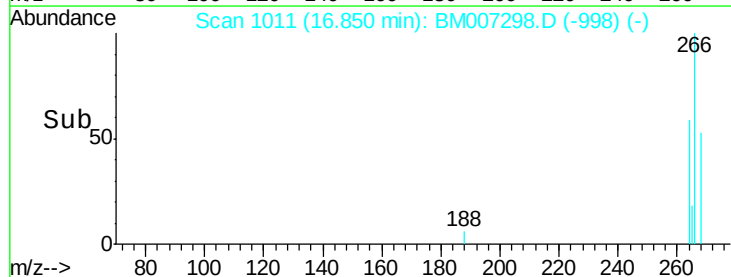
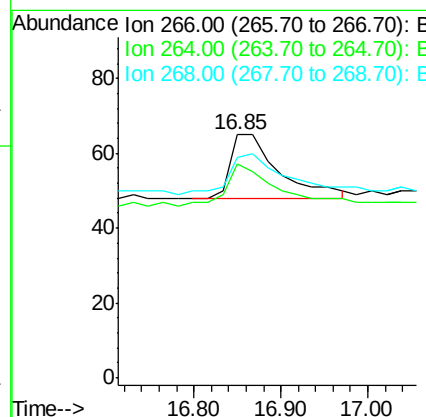
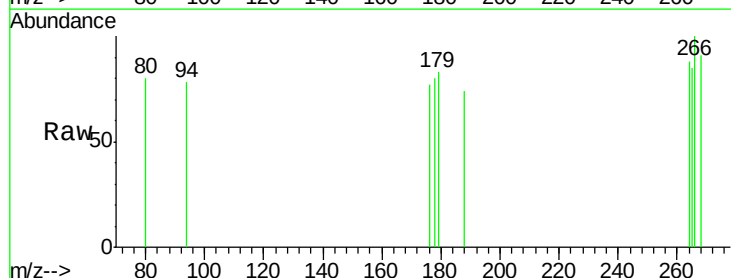
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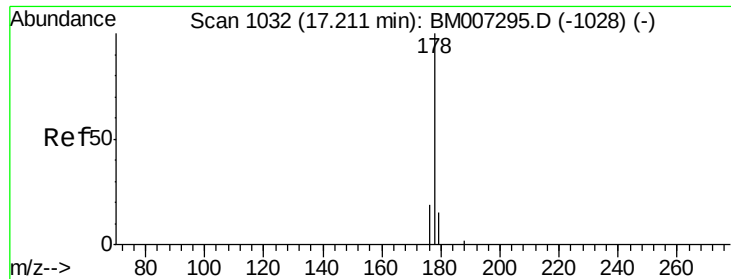
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#11
Pentachlorophenol
Concen: 0.03 ng/ul
RT: 16.85 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	66		
264	66.7		51.8	77.8
268	71.2		46.8	70.2





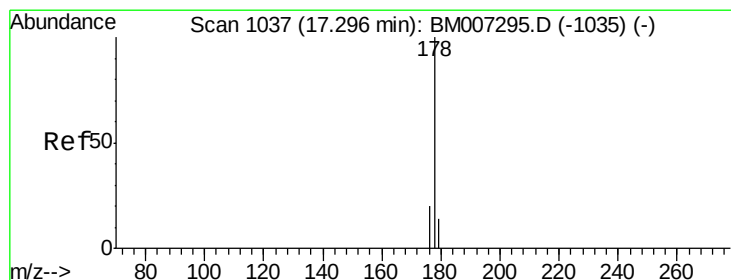
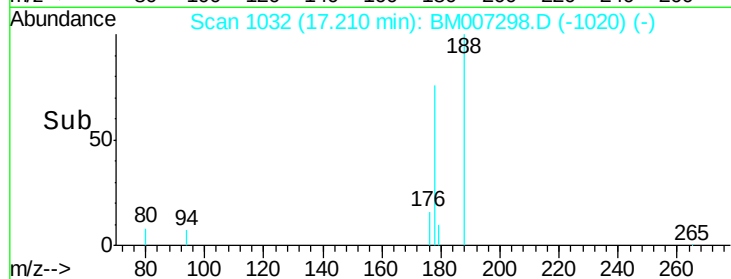
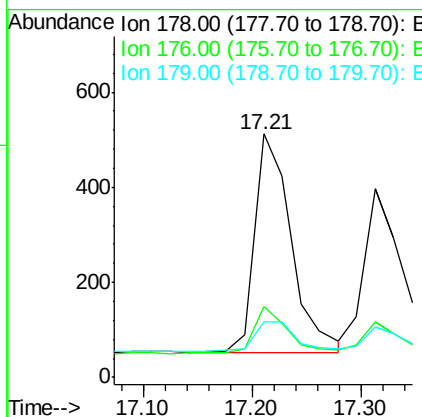
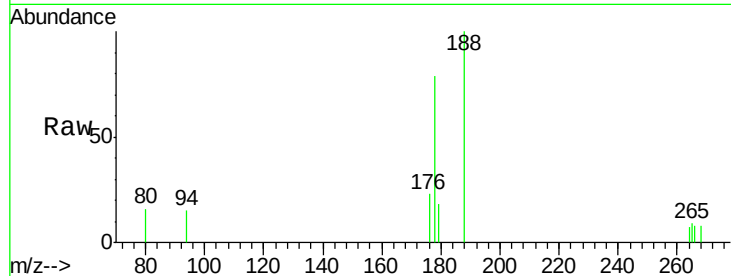
#12
Phenanthrene
Concen: 0.04 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion:178 Resp: 1072
Ion Ratio Lower Upper
178 100
176 29.1 13.0 19.4#
179 22.9 14.2 21.2#

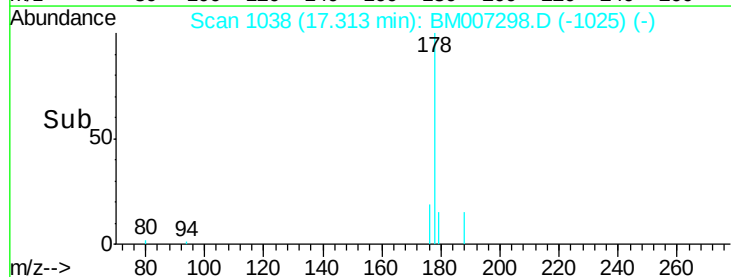
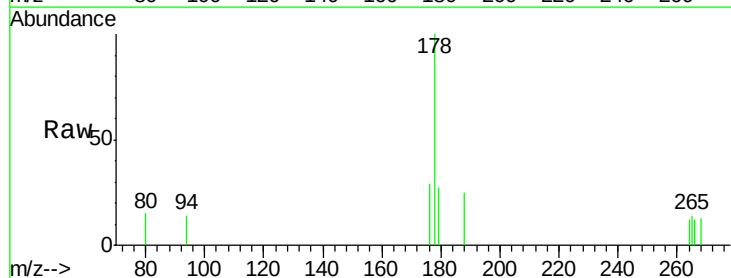
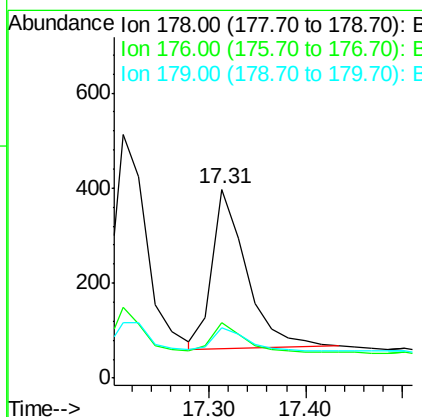
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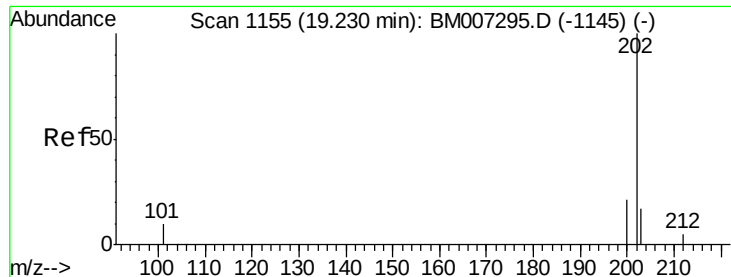
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#13
Anthracene
Concen: 0.04 ng/ul
RT: 17.31 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Tgt Ion:178 Resp: 831
Ion Ratio Lower Upper
178 100
176 29.5 14.0 21.0#
179 26.7 12.9 19.3#





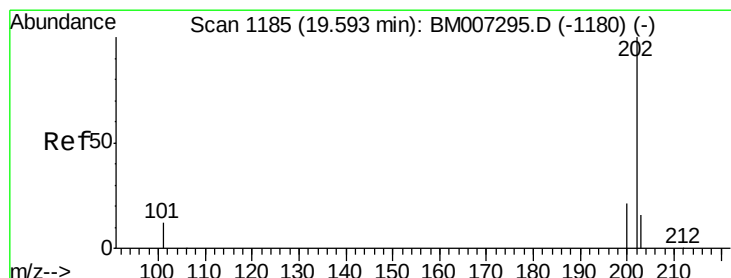
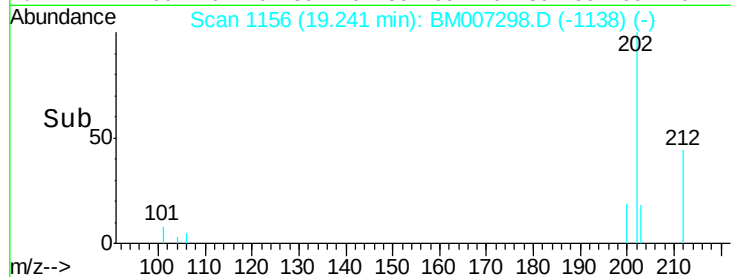
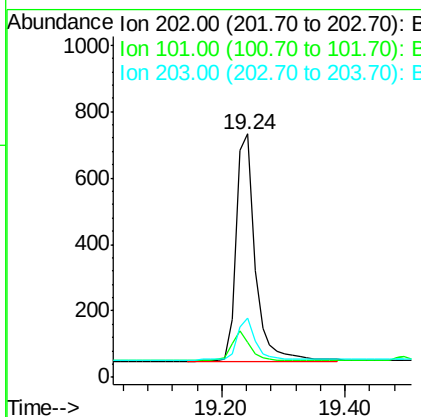
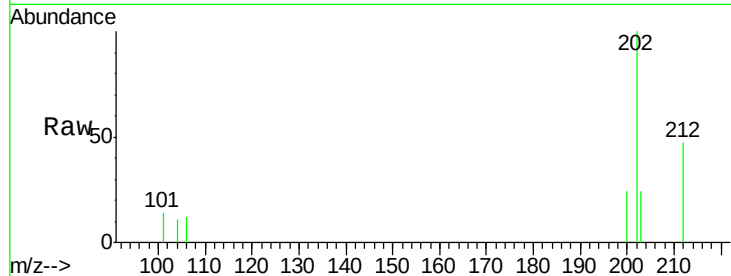
#15
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.24 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.3	0.0	29.6
203	24.3	0.0	36.3

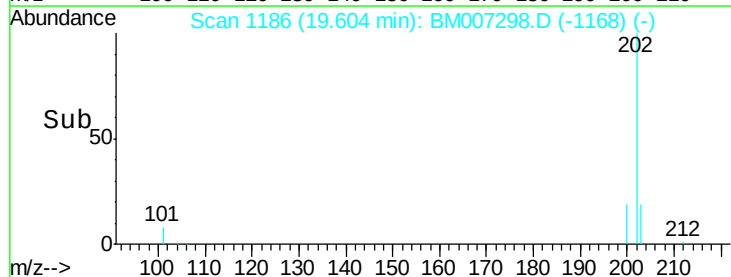
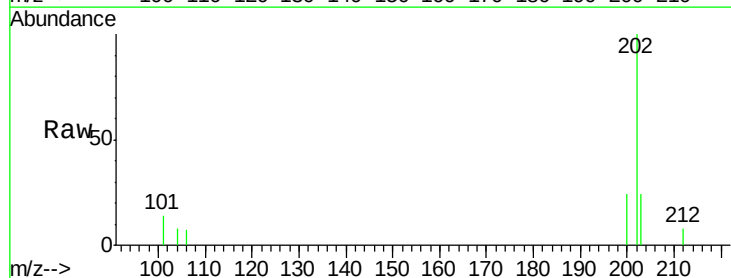
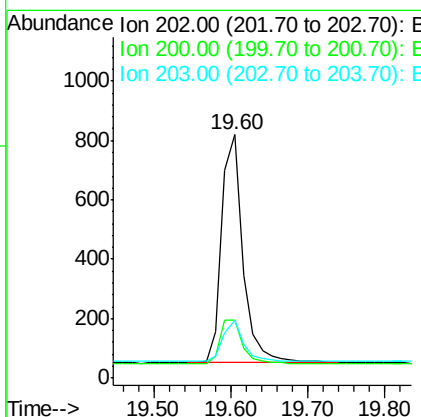
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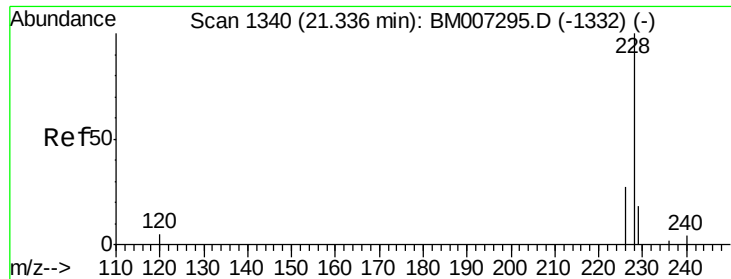
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#17
Pyrene
Concen: 0.05 ng/ul
RT: 19.60 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.8	17.8	26.8
203	24.0	12.8	19.2#





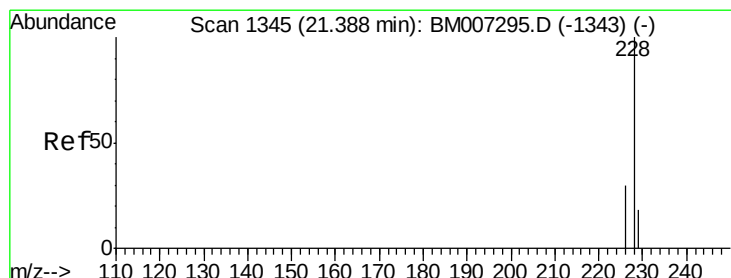
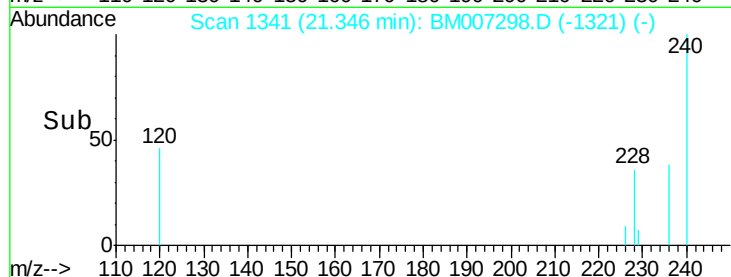
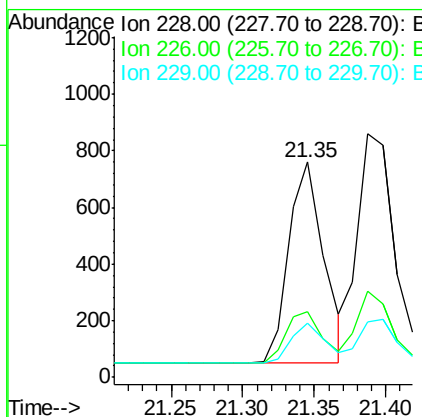
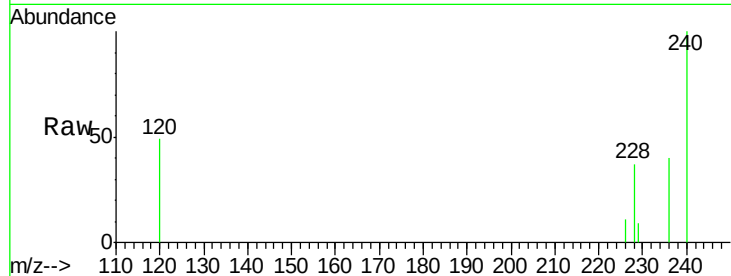
#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.35 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Instrument :
BNA_M
ClientSampled :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	18.8	28.2#
229	25.0	17.1	25.7

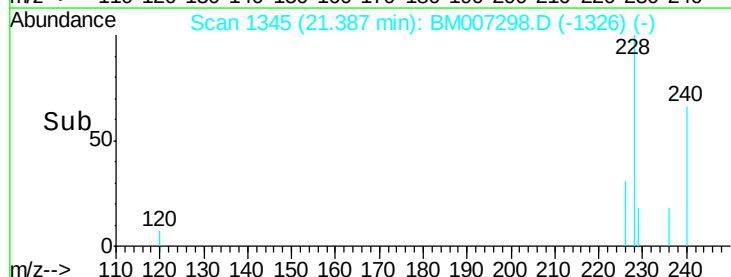
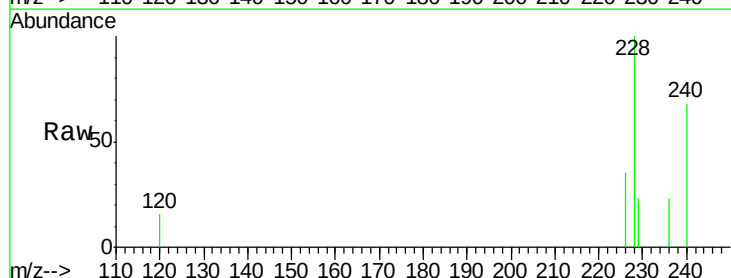
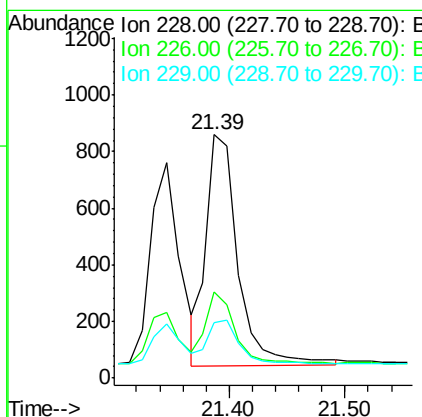
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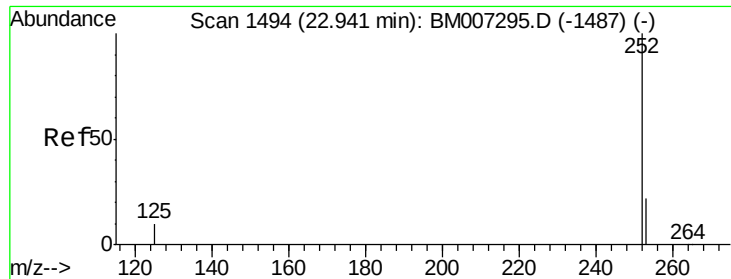
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#19
Chrysene
Concen: 0.05 ng/ul m
RT: 21.39 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	21.2	31.8#
229	22.7	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 0.04 ng/ul

RT: 22.94 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BM007298.D

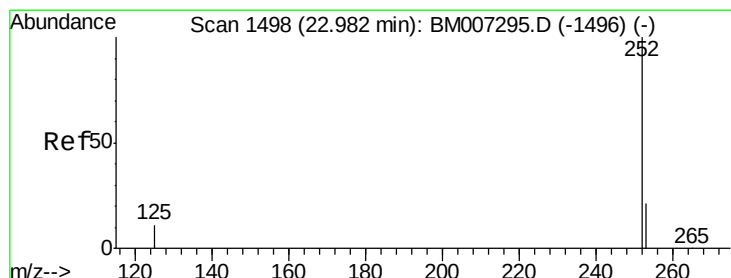
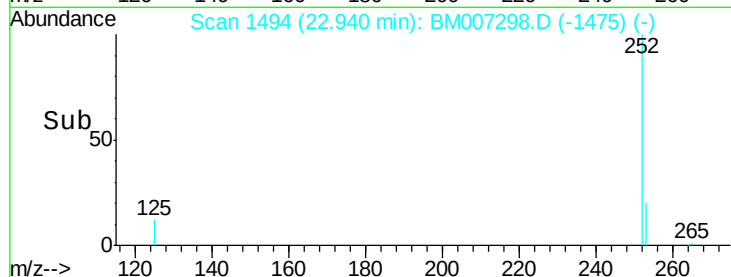
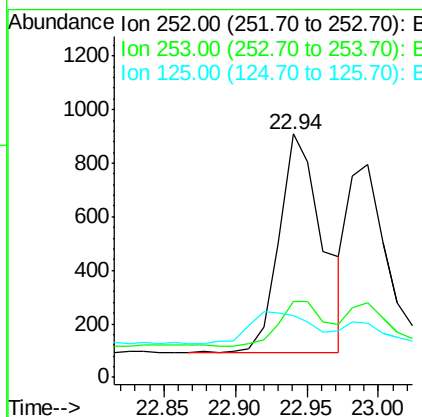
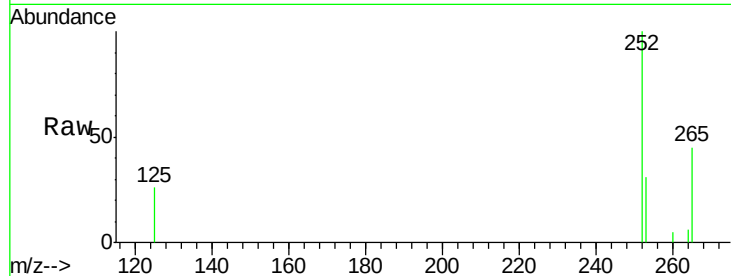
Acq: 26 Aug 2016 17:17

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1740		
253	31.4	0.0	45.4	
125	25.5	0.0	28.8	

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#22

Benzo(k)fluoranthene

Concen: 0.04 ng/ul

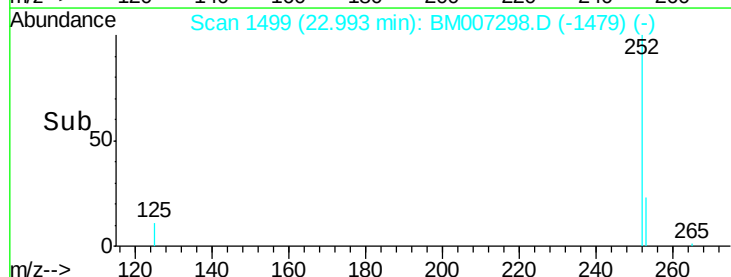
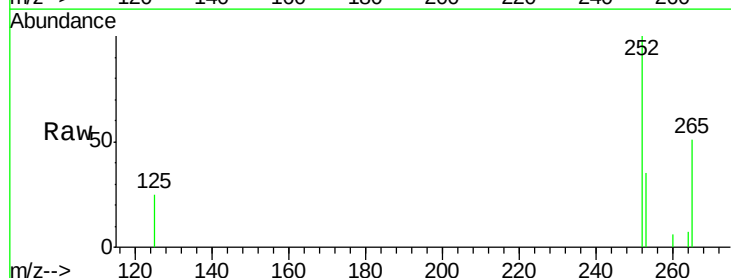
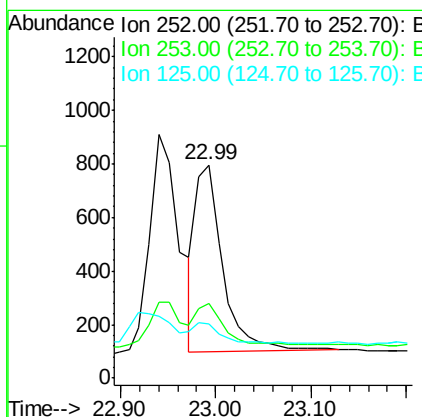
RT: 22.99 min Scan# 1499

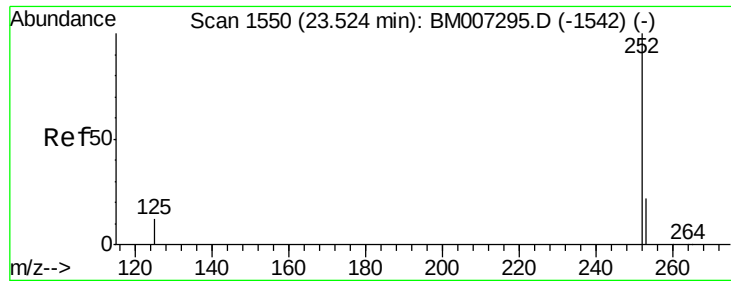
Delta R.T. 0.01 min

Lab File: BM007298.D

Acq: 26 Aug 2016 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1366		
253	35.2	19.8	29.8#	
125	25.4	10.4	15.6#	





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.52 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BM007298.D

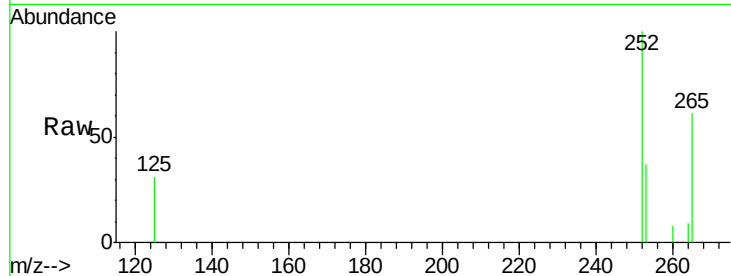
Acq: 26 Aug 2016 17:17

Instrument :

BNA_M

ClientSampleId :

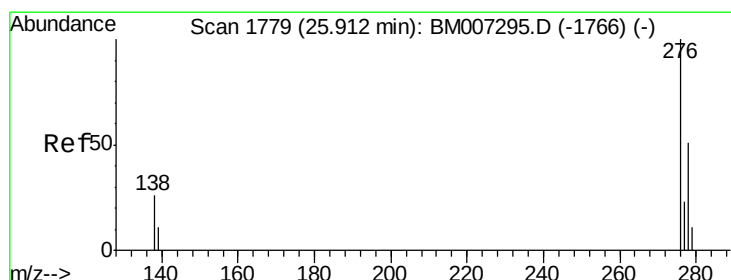
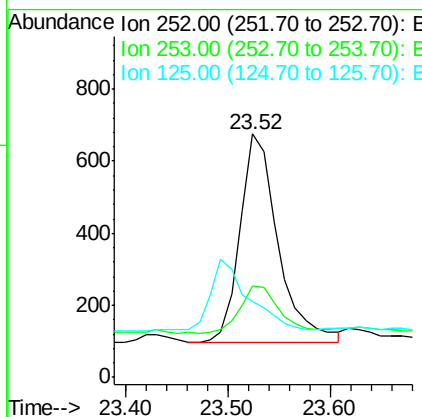
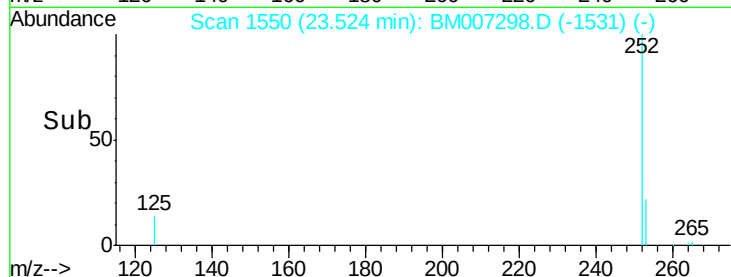
MDL-03-S



Tgt Ion:	252	Resp:	1495
Ion Ratio	Lower	Upper	
252	100		
253	37.3	19.4	29.2#
125	31.4	12.7	19.1#

Manual Integrations
APPROVED

umangi
8/29/2016 11:35:14 AM



#24

Indeno(1,2,3-cd)pyrene

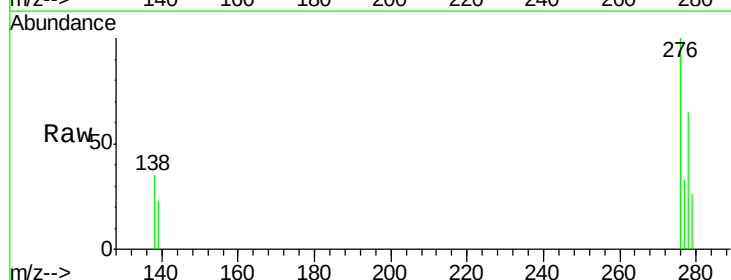
Concen: 0.04 ng/ul

RT: 25.93 min Scan# 1781

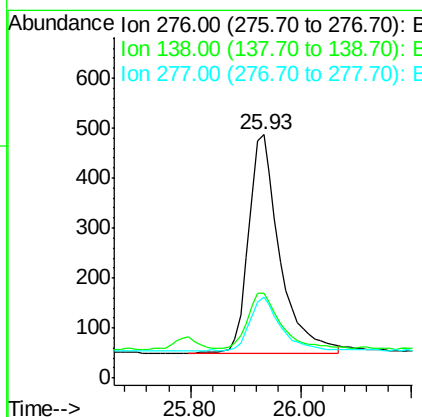
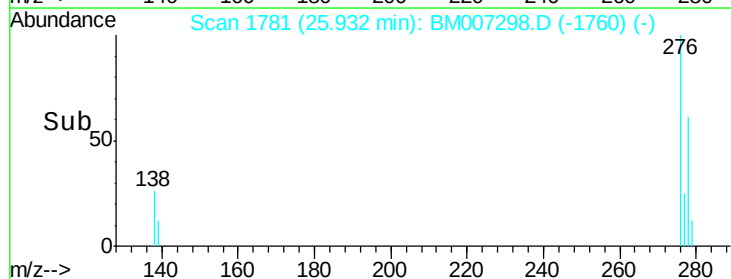
Delta R.T. 0.02 min

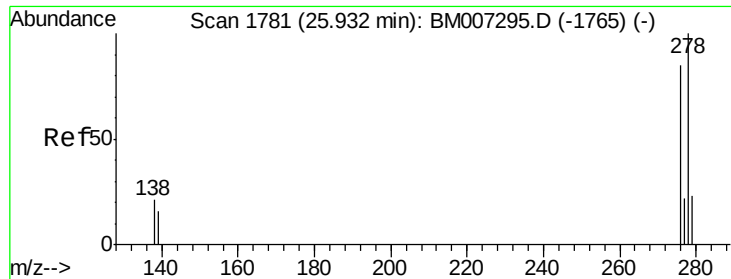
Lab File: BM007298.D

Acq: 26 Aug 2016 17:17



Tgt Ion:	276	Resp:	1729
Ion Ratio	Lower	Upper	
276	100		
138	25.9	16.3	24.5#
277	24.2	19.8	29.8





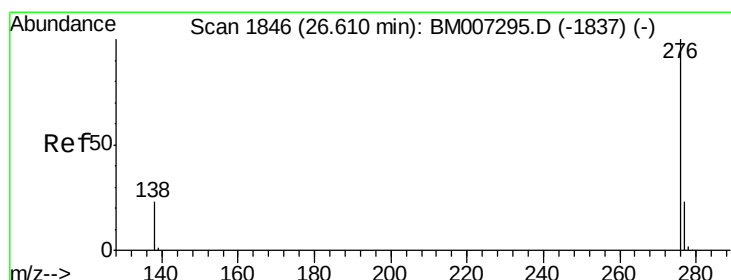
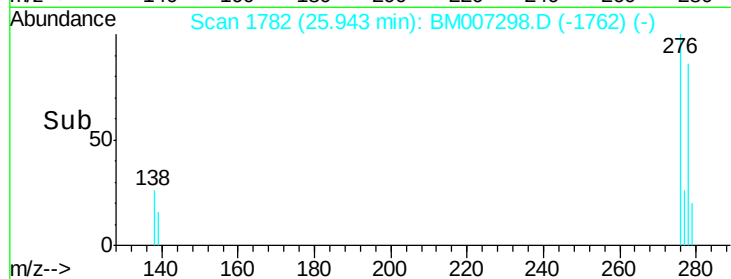
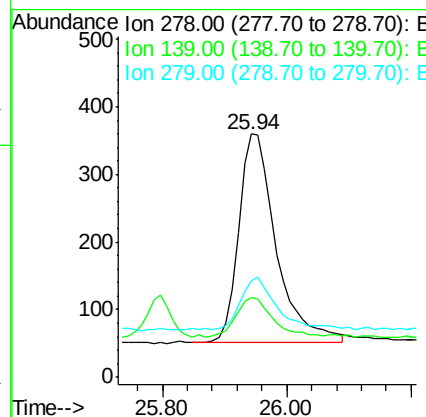
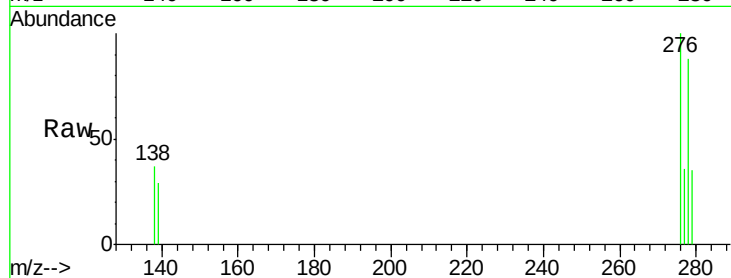
#25
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.94 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1307		
139	32.8	16.4	24.6#	
279	39.7	20.2	30.2#	

Manual Integrations
APPROVED

umangi
8/29/2016 11:35:14 AM



#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.62 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BM007298.D
Acq: 26 Aug 2016 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1546		
277	32.4	18.9	28.3#	
138	33.9	22.5	33.7#	

