

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061316\
 Data File : BM005777.D
 Acq On : 13 Jun 2016 19:37
 Operator : UM/SJ
 Sample : H3507-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK1

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Quant Time: Jun 14 16:20:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM061316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 19:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	7547	0.40	ng/ul	-0.02
4) Naphthalene-d8	10.54	136	33048	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.38	164	19079	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	34554m	0.40	ng/ul	-0.02
18) Chrysene-d12	21.31	240	31102	0.40	ng/ul	-0.02
22) Perylene-d12	23.58	264	40688	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	26865	7.30	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.13	152	8345	0.20	ng/ul	-0.01
16) Fluoranthene-d10	19.17	212	16773	0.23	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.58	128	2948	0.04	ng/ul#	79
9) Acenaphthylene	14.11	152	16297	0.19	ng/ul#	92
10) Acenaphthene	14.45	153	3335	0.05	ng/ul	94
11) Fluorene	15.44	166	14797	0.25	ng/ul	95
14) Phenanthrene	17.18	178	145631m	1.77	ng/ul	
15) Anthracene	17.26	178	31458	0.31	ng/ul	98
17) Fluoranthene	19.19	202	245827m	2.37	ng/ul	
19) Pyrene	19.56	202	237692	2.22	ng/ul	96
20) Benzo(a)anthracene	21.30	228	89923	1.24	ng/ul#	92
21) Chrysene	21.36	228	102466	0.92	ng/ul	96
23) Benzo(b)fluoranthene	22.90	252	104288m	0.92	ng/ul	
24) Benzo(k)fluoranthene	22.93	252	42799m	0.30	ng/ul	
25) Benzo(a)pyrene	23.47	252	79496	0.62	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	42428	0.29	ng/ul	94
27) Dibenzo(a,h)anthracene	25.87	278	8650	0.08	ng/ul#	71
28) Benzo(g,h,i)perylene	26.56	276	37395	0.29	ng/ul	97

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

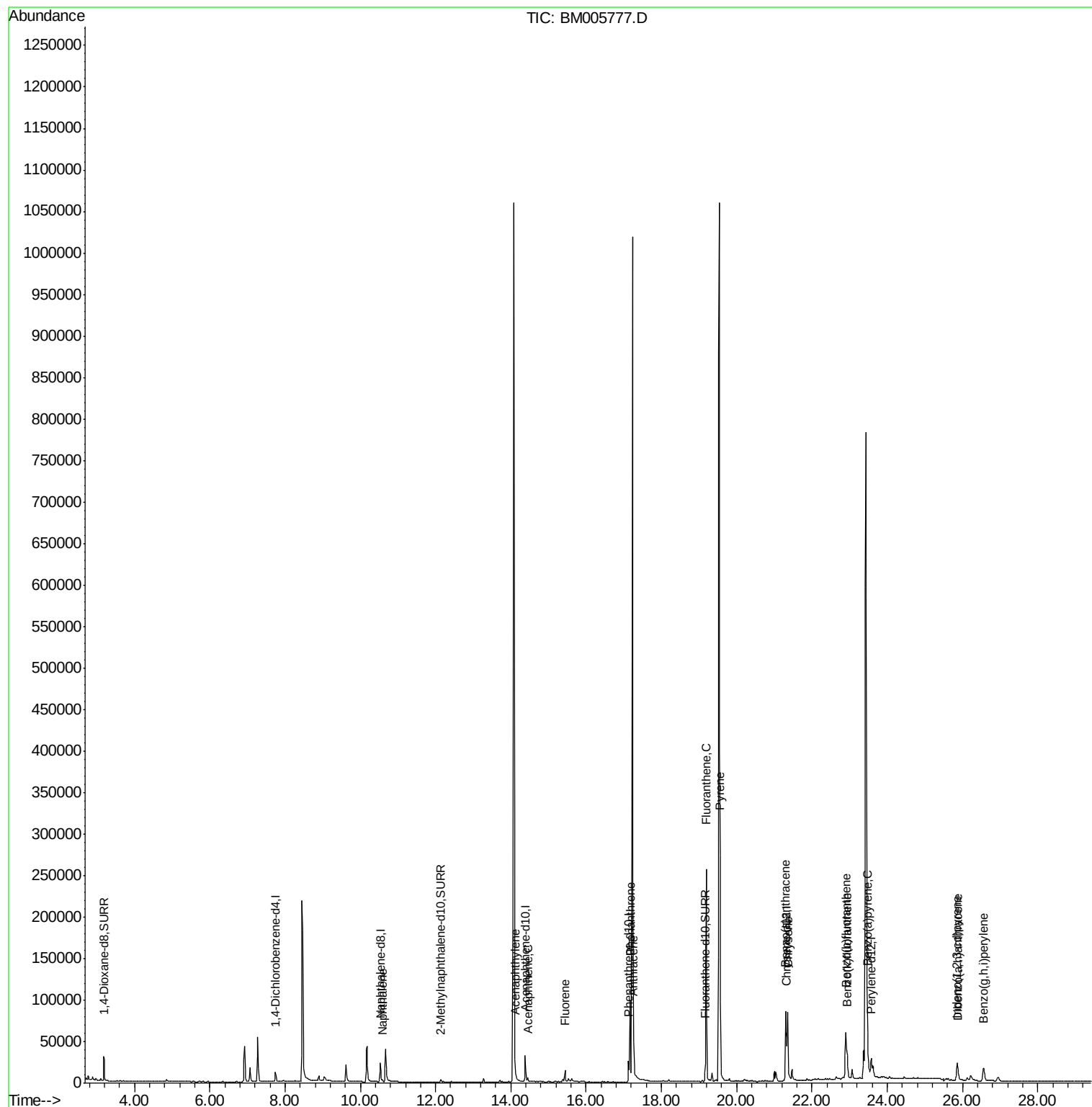
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061316\
Data File : BM005777.D
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ALS Vial : 8 Sample Multiplier: 1

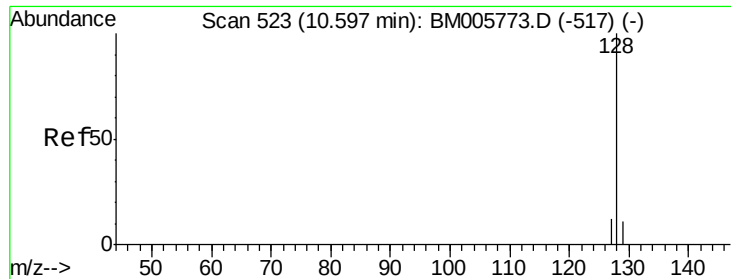
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM061316.M
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QLast Update : Mon Jun 13 19:45:38 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.04 ng/ul

RT: 10.58 min Scan# 522

Delta R.T. -0.01 min

Lab File: BM005777.D

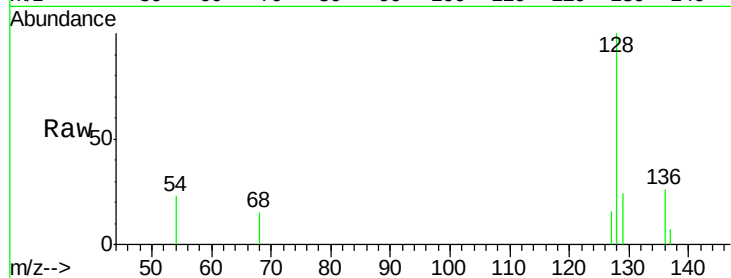
Acq: 13 Jun 2016 19:37

Instrument :

BNA_M

ClientSampleId :

JHGK1



Tgt Ion:128 Resp: 2948

Ion Ratio Lower Upper

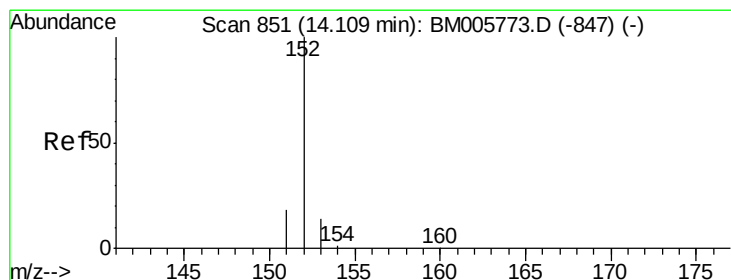
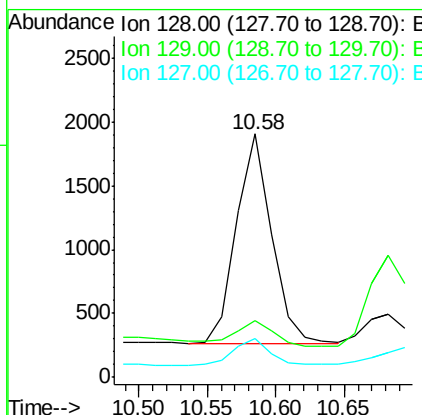
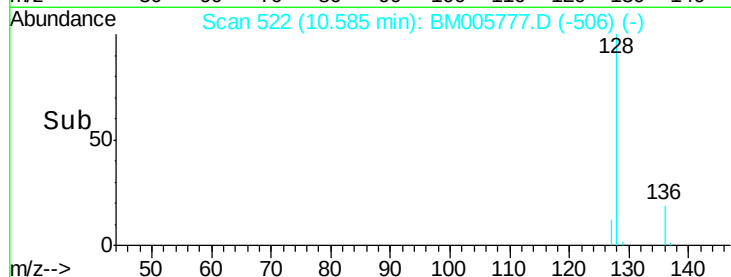
128 100

129 23.5 9.0 13.6#

127 15.8 9.6 14.4#

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#9

Acenaphthylene

Concen: 0.19 ng/ul

RT: 14.11 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM005777.D

Acq: 13 Jun 2016 19:37

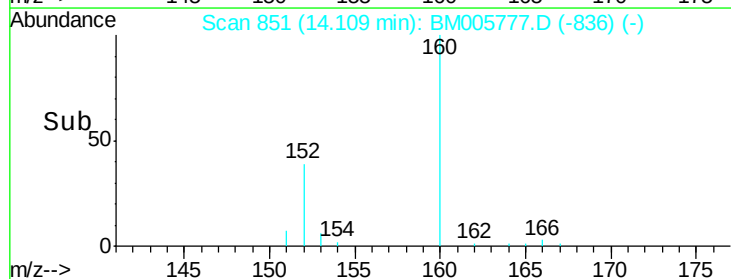
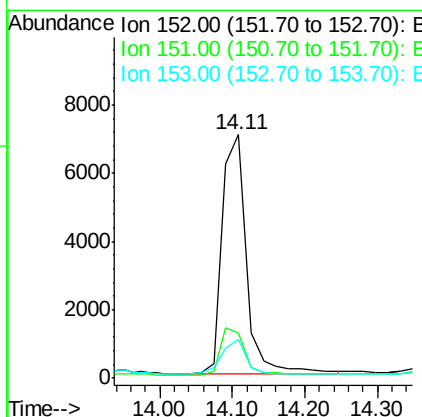
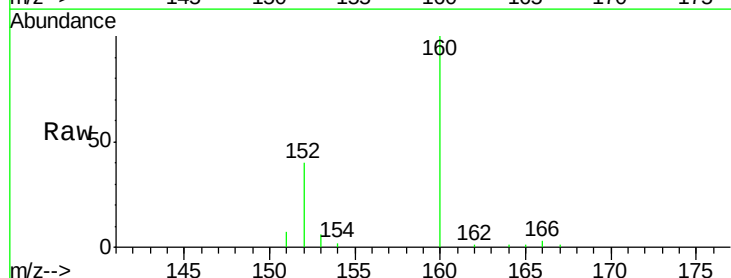
Tgt Ion:152 Resp: 16297

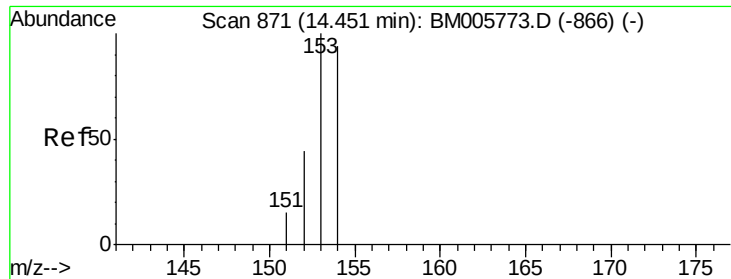
Ion Ratio Lower Upper

152 100

151 18.5 17.6 26.4

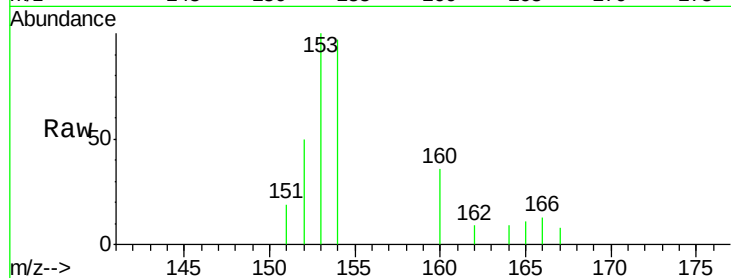
153 15.9 9.7 14.5#





#10
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.45 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM005777.D
Acq: 13 Jun 2016 19:37

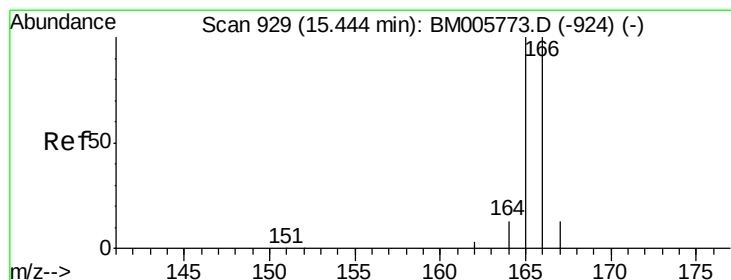
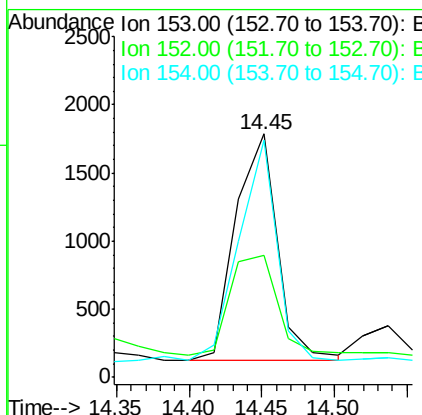
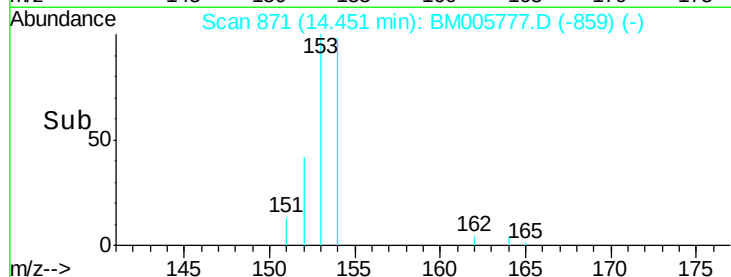
Instrument :
BNA_M
ClientSampleId :
JHGK1



Tgt Ion:153 Resp: 3335
Ion Ratio Lower Upper
153 100
152 50.0 33.9 50.9
154 97.3 80.6 121.0

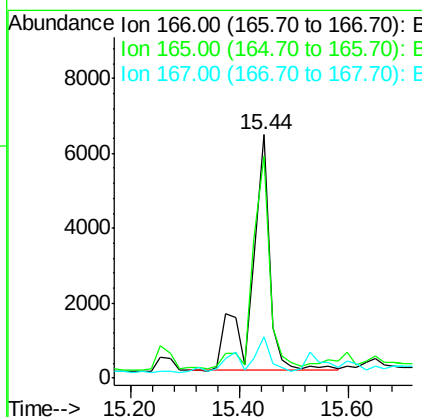
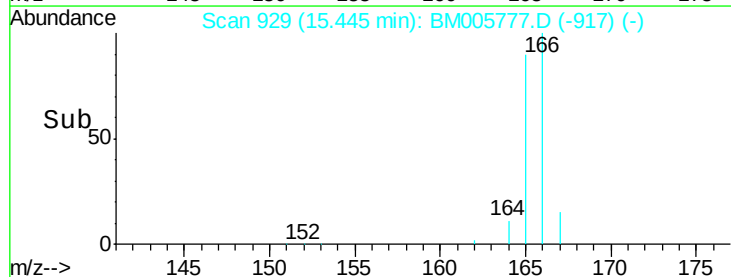
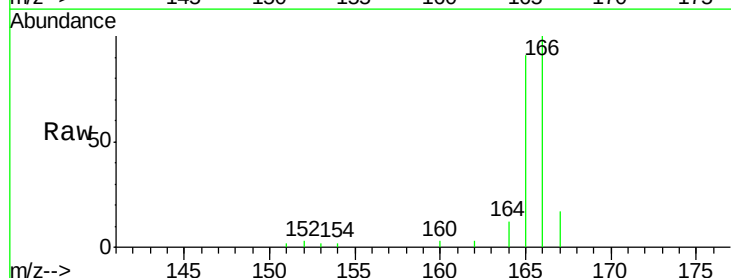
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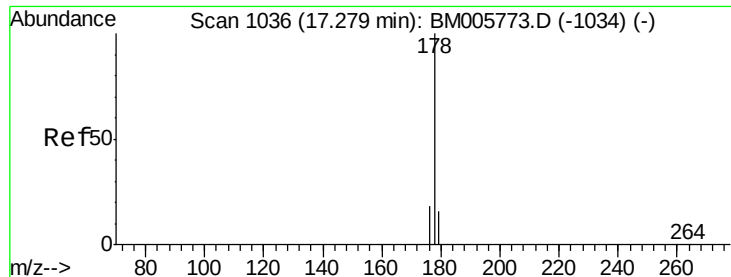
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#11
Fluorene
Concen: 0.25 ng/ul
RT: 15.44 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM005777.D
Acq: 13 Jun 2016 19:37

Tgt Ion:166 Resp: 14797
Ion Ratio Lower Upper
166 100
165 91.2 69.6 104.4
167 16.8 11.9 17.9





#14

Phenanthrene

Concen: 1.77 ng/ul m

RT: 17.18 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BM005777.D

Acq: 13 Jun 2016 19:37

Instrument :

BNA_M

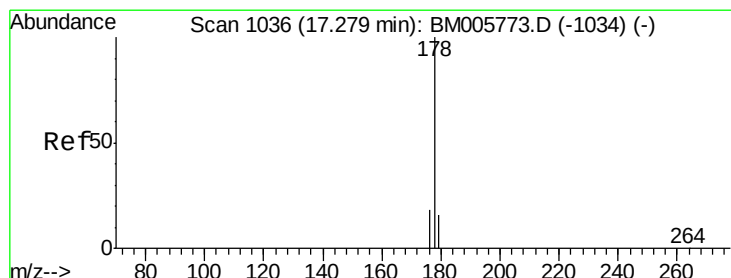
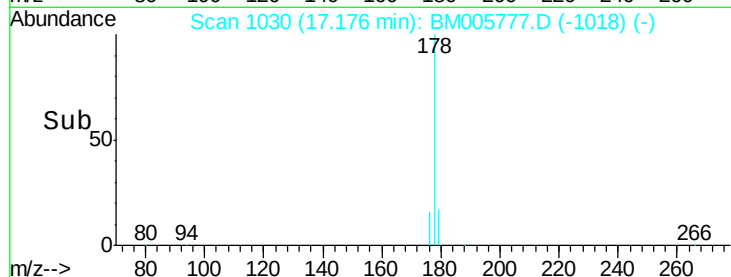
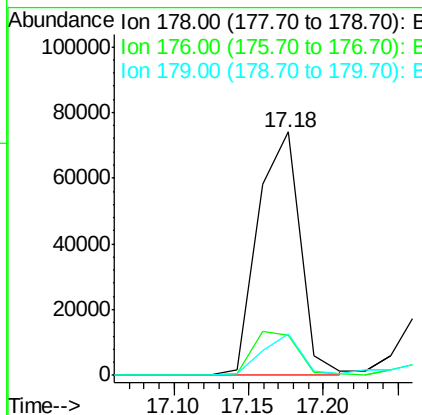
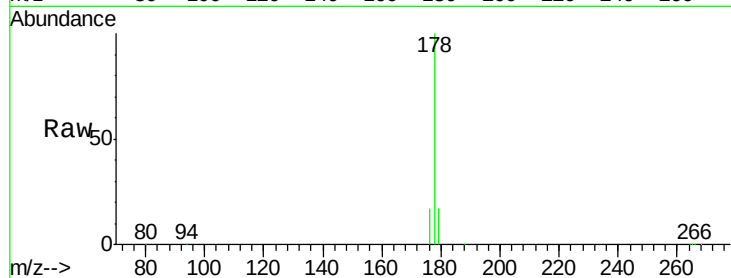
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.6	13.0	19.4
179	16.9	14.2	21.2



#15

Anthracene

Concen: 0.31 ng/ul

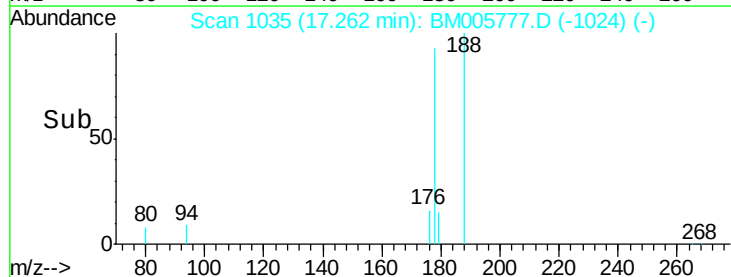
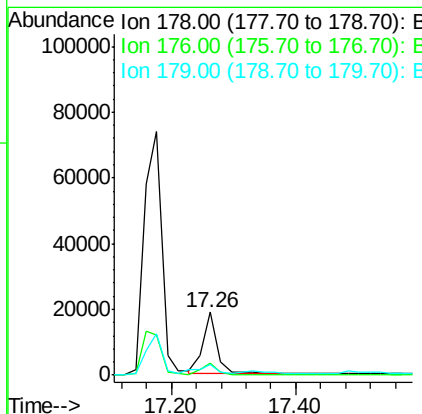
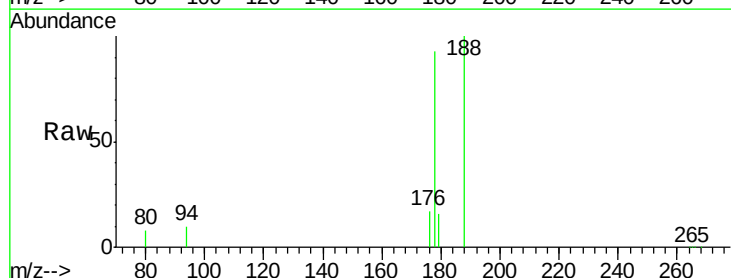
RT: 17.26 min Scan# 1035

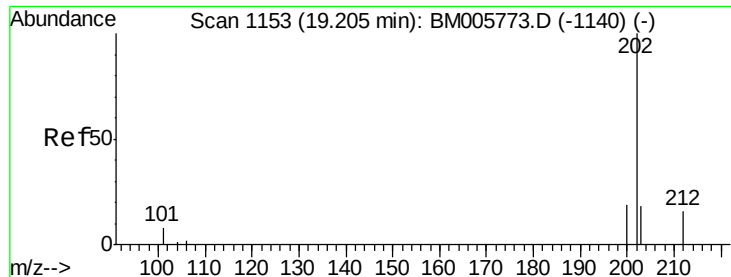
Delta R.T. -0.02 min

Lab File: BM005777.D

Acq: 13 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.0	21.0
179	17.1	12.9	19.3





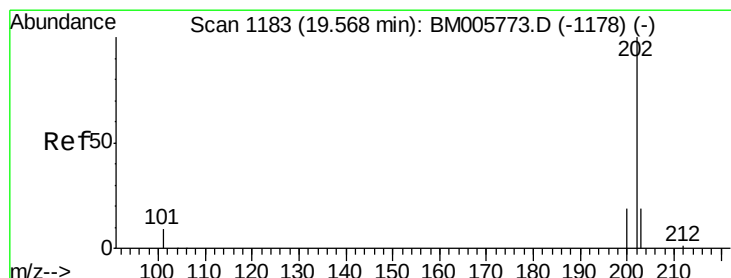
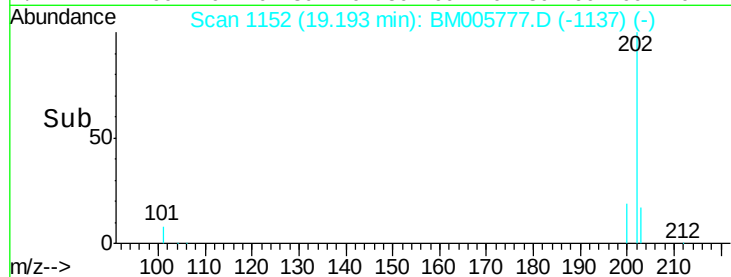
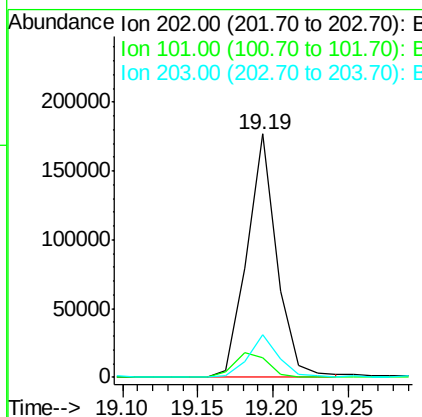
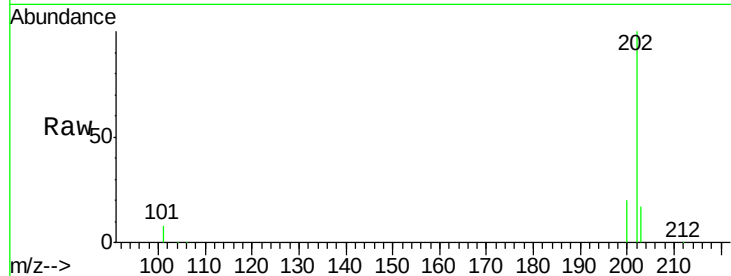
#17
Fluoranthene
 Concen: 2.37 ng/ul m
 RT: 19.19 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BM005777.D
 Acq: 13 Jun 2016 19:37

Instrument :
 BNA_M
 ClientSampleId :
 JHKG1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.9	0.0	29.6
203	17.5	0.0	36.3

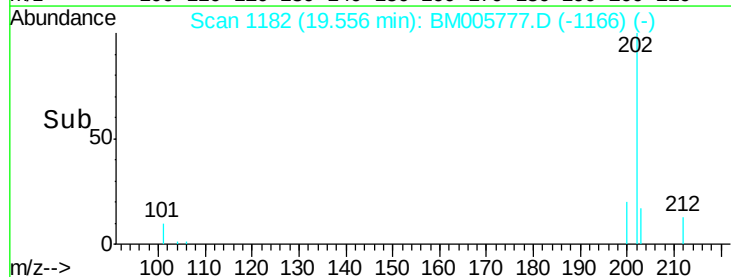
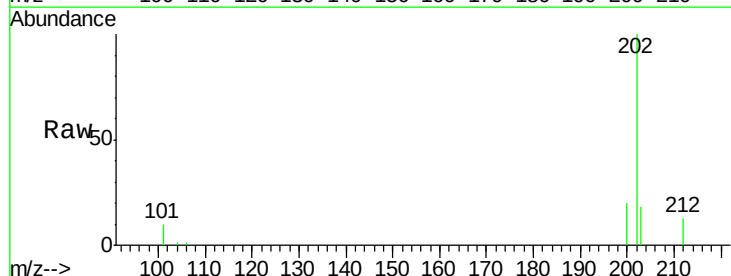
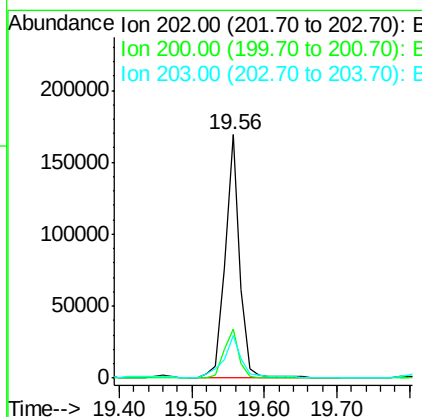
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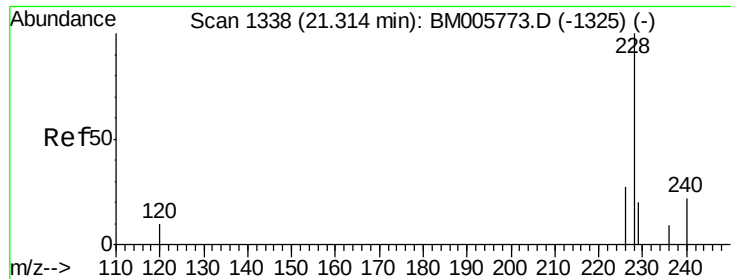
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#19
Pyrene
 Concen: 2.22 ng/ul
 RT: 19.56 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM005777.D
 Acq: 13 Jun 2016 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	17.8	26.8
203	17.7	12.8	19.2





#20

Benzo(a)anthracene

Concen: 1.24 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM005777.D

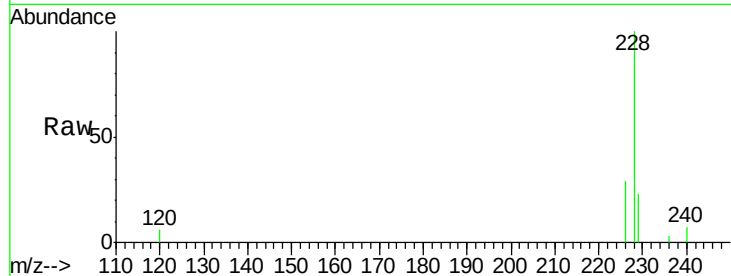
Acq: 13 Jun 2016 19:37

Instrument :

BNA_M

ClientSampleId :

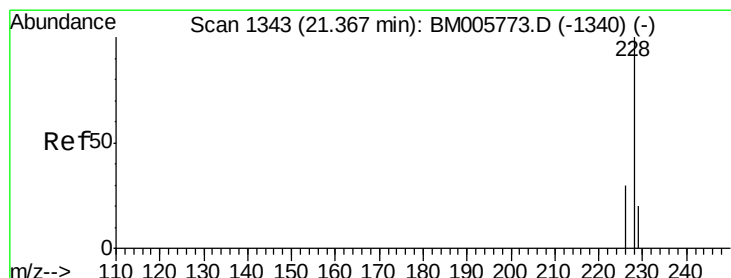
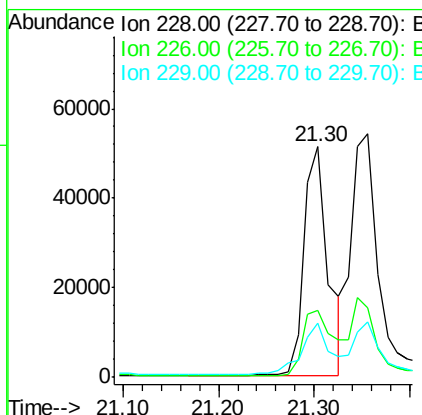
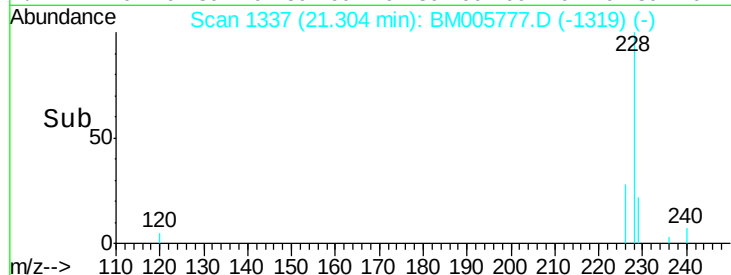
JHGK1



Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	18.8	28.2
229	23.4	17.1	25.7

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#21

Chrysene

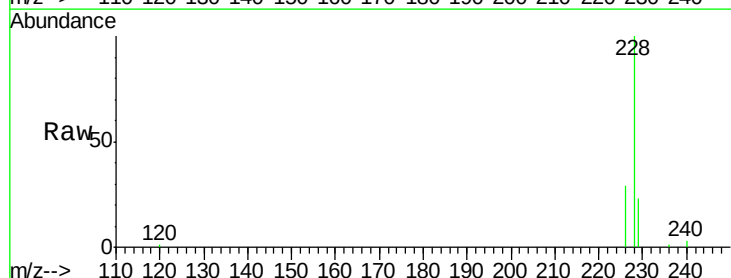
Concen: 0.92 ng/ul

RT: 21.36 min Scan# 1342

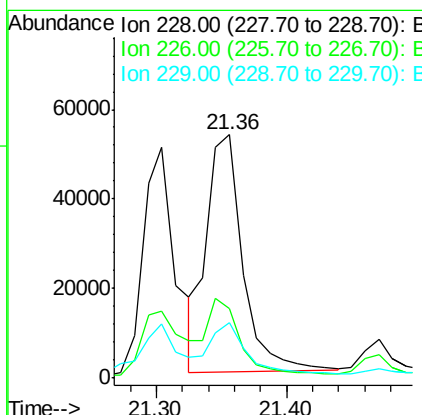
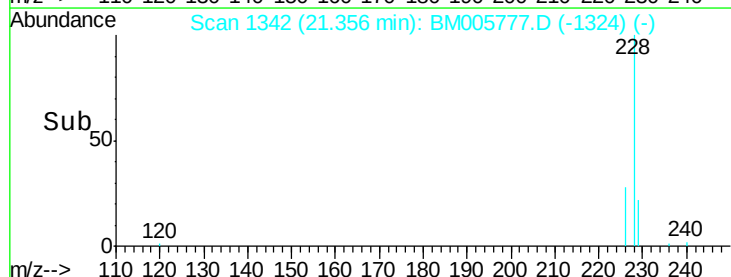
Delta R.T. -0.01 min

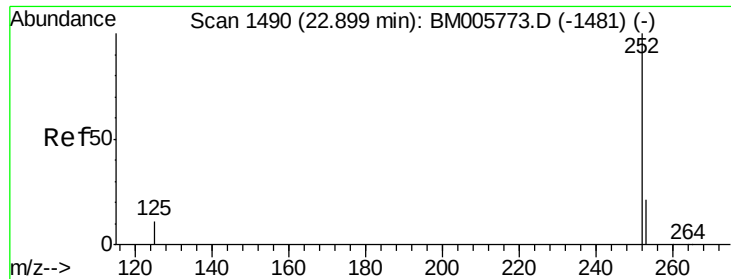
Lab File: BM005777.D

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Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.2	31.8
229	23.0	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.92 ng/ul m

RT: 22.90 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM005777.D

Acq: 13 Jun 2016 19:37

Instrument :

BNA_M

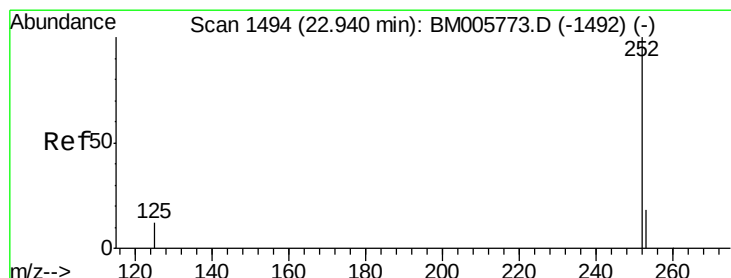
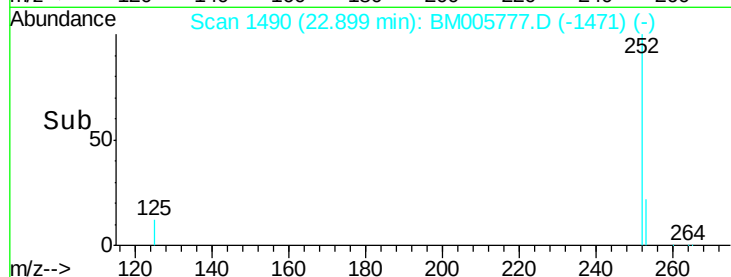
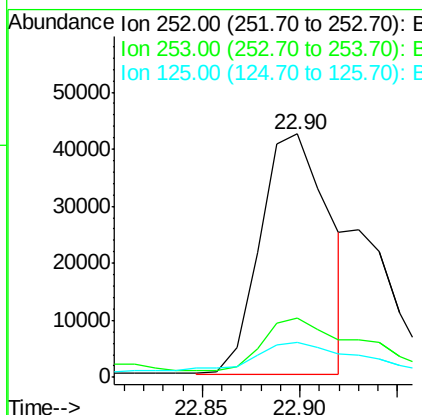
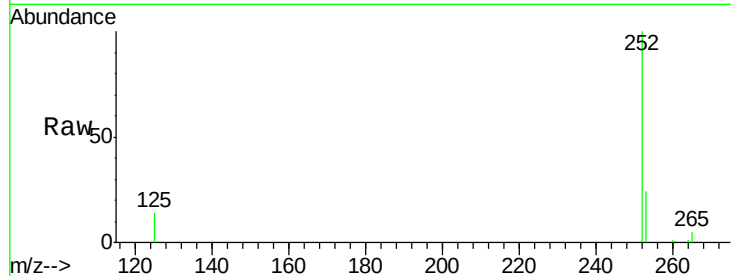
ClientSampleId :

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Tgt Ion:	252	Resp:	104288
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	45.4
125	14.2	0.0	28.8



#24

Benzo(k)fluoranthene

Concen: 0.30 ng/ul m

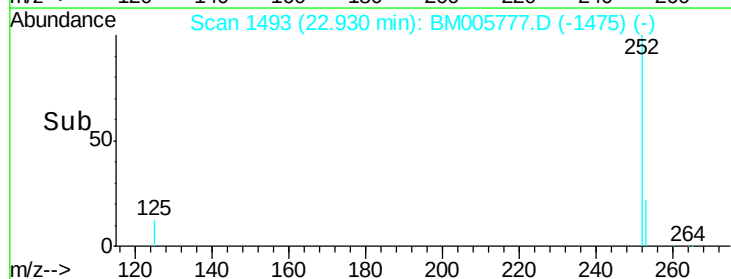
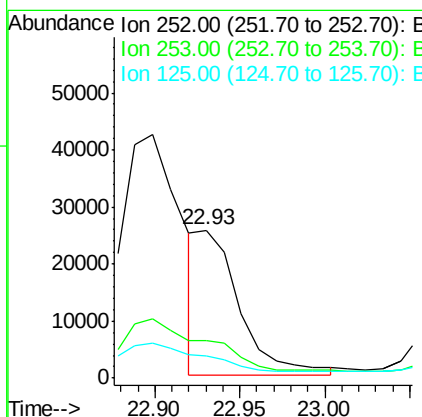
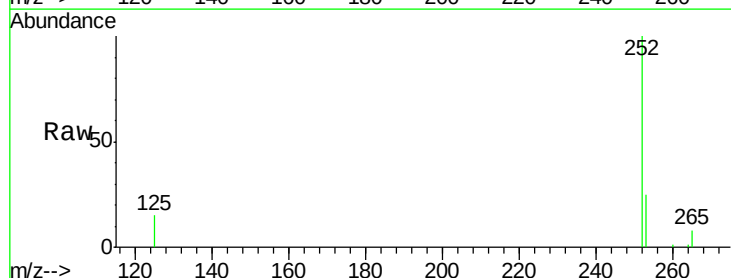
RT: 22.93 min Scan# 1493

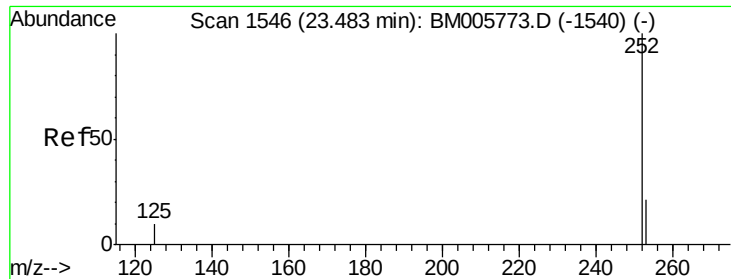
Delta R.T. -0.01 min

Lab File: BM005777.D

Acq: 13 Jun 2016 19:37

Tgt Ion:	252	Resp:	42799
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.8	29.8
125	15.1	10.4	15.6





#25

Benzo(a)pyrene

Concen: 0.62 ng/ul

RT: 23.47 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BM005777.D

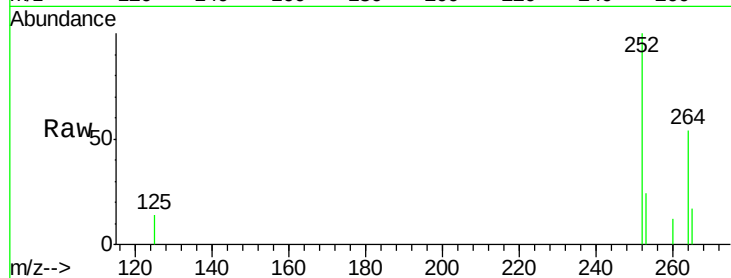
Acq: 13 Jun 2016 19:37

Instrument :

BNA_M

ClientSampleId :

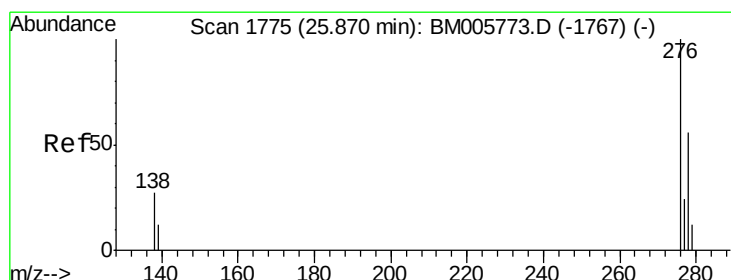
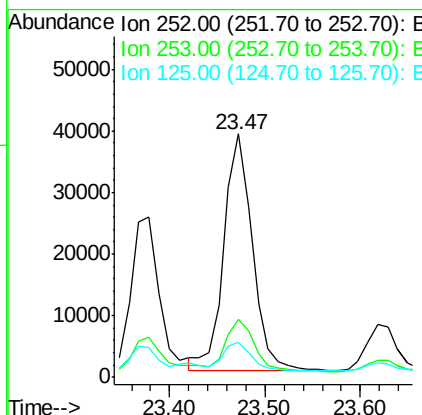
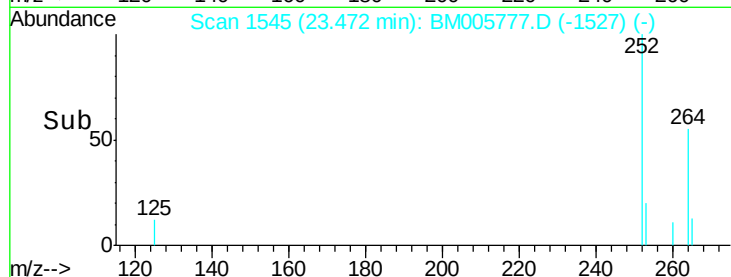
JHGK1



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	14.4	12.7	19.1

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#26

Indeno(1,2,3-cd)pyrene

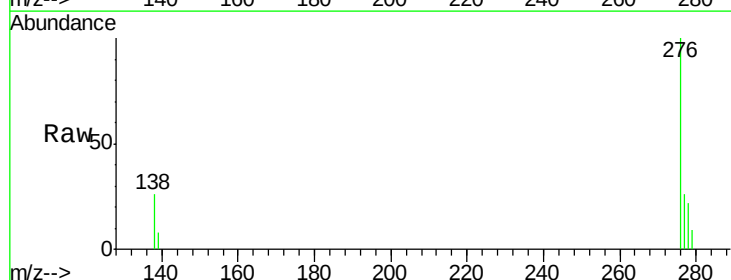
Concen: 0.29 ng/ul

RT: 25.86 min Scan# 1774

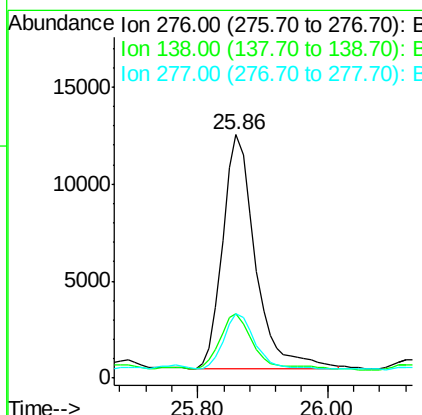
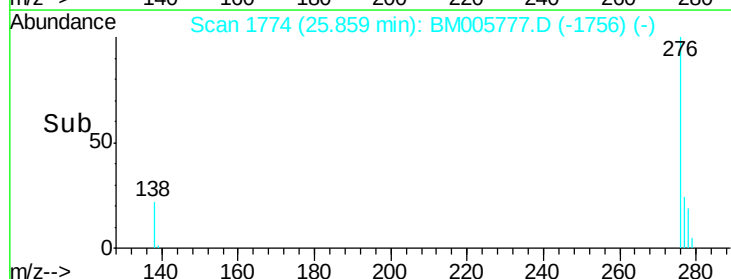
Delta R.T. -0.01 min

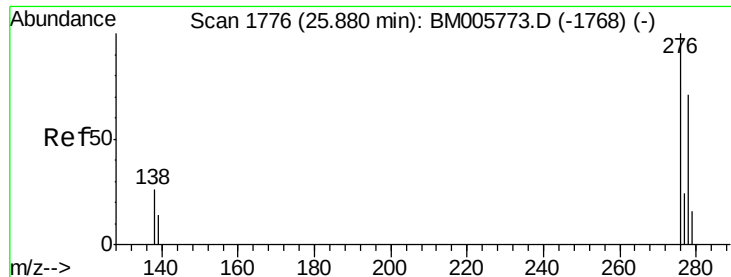
Lab File: BM005777.D

Acq: 13 Jun 2016 19:37



Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	16.3	24.5
277	22.4	19.8	29.8





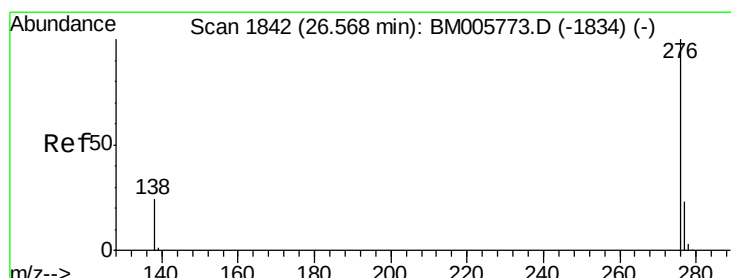
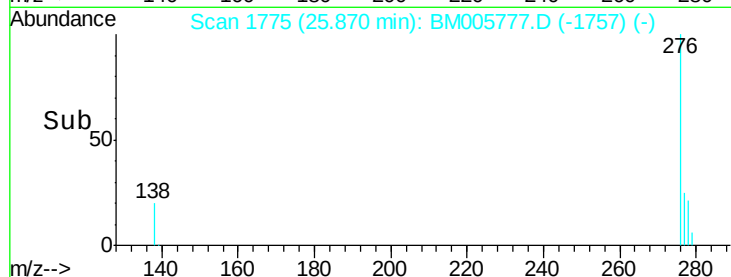
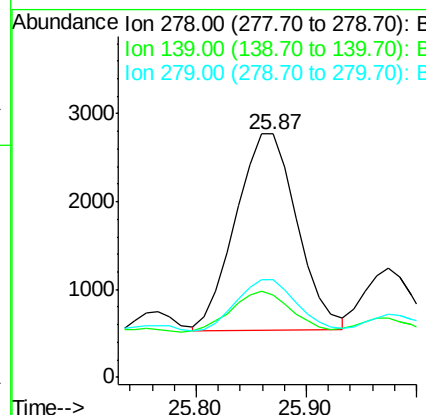
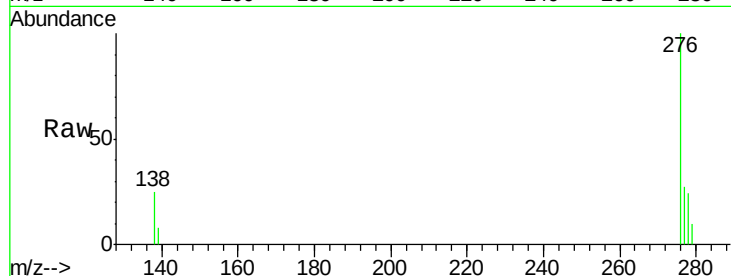
#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.87 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BM005777.D
Acq: 13 Jun 2016 19:37

Instrument :
BNA_M
ClientSampleId :
JHGK1

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.8	16.4	24.6#
279	40.3	20.2	30.2#

Manual Integrations
APPROVED

umangi
6/14/2016 5:06:31 PM



#28
Benzo(g,h,i)perylene
Concen: 0.29 ng/ul
RT: 26.56 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BM005777.D
Acq: 13 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.9	28.3
138	27.5	22.5	33.7

